ISSN 0386-586X

土 木 研 究 所 彙 報

TECHNICAL NOTE OF PUBLIC WORKS RESEARCH INSTITUTE

第 51 号

Vol. 51

土木構造物における加速度強震記録(No.14)

Strong-Motion Acceleration Records from Public Works in Japan (No.14)

平成元年 1 月

January 1989

建 設 省 土 木 研 究 所

Published by

Public Works Research Institute, Ministry of Construction

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土木研究所彙報
第51号 1989年1月

Technical Note of PWRI
Vol.51 January 1989

土木構造物における加速度強震記録(No.14)

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平成元年1月 January 1989

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要旨

本彙報は，土木研究所が管理する加速度強震記録を地震発生年月日の順に掲載した第14巻めの資料である。この資料には，1987年1月から1987年3月までに発生した地震のうち，強震記録の得られた15地震209記録のデータを収録している。このうち9地震34記録99成分のデータについてはディジタル数値，ディジタル記録の再生波形及び応答スペクトル曲線等を網羅している。

キーワード：地震動，強震観測，土木構造物，加速度強震記録，耐震設計

Synopsis

This is the 14th report presenting earthquake acceleration motions measured on structures (except building or port structures) and on grounds near the structures in Japan. This issue contains 209 records caused by 15 Earthquakes maesured between Jaunary 1987 and March 1987. 99 components (34 records) caused by 9 Earthquakes are together with digitized values and linear response spectra of the records.

English explanation for foreign readers is Provided in Appendix 5 on page 935.

Key Words: Earthquakes Motion, Strong Motion Earthquake Observation, Civil Engineering Structure, Strong Motion Acceleration Record, Earthquake Resistant Design.

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1. 概　　説

建設省の土木関連施設における強震観測は，昭和32年度に近畿地方建設局が猿谷ダムにSMAC型強震計を設置し観測を開始したことに端を発している。それ以来，土木研究所では土木構造物及びその近傍の地盤の強震観測を推進し，地方建設局，関係公団，地方庁等の諸機関による強震観測とも合わせて，記録の収集，整理に当り，主要な記録は逐次刊行すると共に，特に重要な記録については数値化を行い現在までに多数の資料を刊行してきた。現在までに得られた強震記録は各種の調査，研究に広く利用され，土木構造物の耐震性の調査並びに耐震設計に活用されている。

現在までに刊行された資料の多くは，強震観測体制と検索システムを徐々に整備すると共に，記録の利用法を模索するなかで個々の強震記録の利用を図るという点に力点が置かれていたため，ややもすると統一した利用性を欠くきらいがあった。しかしながら，その後の強震観測体制の整備及び採取された強震記録の解析によってもたらされた地震動と地震の規模あるいは地震動と地盤条件等の因果関係が少しづつ解明されると共に，耐震設計の中で強震記録の一層の利用を促進するためには，単に個々の地震動の記録のみならず，それが採取された地震の特性，同時に観測された他地点の記録等との関連をつけながら，より総合的に記録の利用を図る必要のあることが指摘されてきた。本資料はこのような強震記録を土木研究所が現在推し進めている地震動記録の総合検索システムの一環として位置づけ，整理した第14巻めの資料であり，1987年1月から1987年3月までに発生した地震のうち強震記録の得られた15地震209記録のデータを収録している。このうち，9地震34記録99成分のデータについては，ディジタル数値，ディジタル記録の再生波形及び応答スペクトル曲線を掲載している。

なお，1987年4月から1987年12月までの記録については，第15巻に収録している。また，1987年のSMAC型強震計記録より，従来のデジタイザーによる読み取り方式から，自動数値化装置による読み取り方式への変更を行っている。

また，昭和62年度発行の第13巻より，普及型強震計により得られた強震記録を収録することとした。強震計の特性を付録－2に，記録の補正方法を付録－3に示す。

さらに，昭和61年度発行の第12巻より本資料のフォーマットを従来のものと一部異なる形式に変更している。主要な変更点を以下に示す。

1. 収録した地震動記録の得られている地震について，気象庁発表の震度階震度図を掲載した。
2. 収録した地震動記録は，従来円弧補正及び中心軸補正までを行ったものであったが，さらに等時間間隔化を行い周波数領域において計器補正及びバンドパスフィルターを施した記録とした。
（補正内容を付録－3に示す。）

現在までに本シリーズとしてTable 1に示す15冊が刊行されている。

Table 1 土木研究所彙報「土木構造物における加速度強震記録」刊行状況

No	彙報番号	収録年	収録地震数	収録成分数	収録されている主要地震	発行年
1	第32号	1963. 1～1967. 9	18地震	200成分		昭和53年(1978年)3月
2	第33号	1978. 1～1978. 6	4地震	60成分	伊豆大島近海地震(1978. 1. 14) M＝7.0 宮城県沖地震(1978. 6. 12) M＝7.4	昭和53年(1978年)10月
3	第34号	1967. 9～1968. 10	15地震	99成分	日向灘地震(1968. 4. 1) M＝7.5 十勝沖地震(1968. 5. 16) M＝7.9	昭和53年(1978年)10月
4	第35号	1968. 10～1968. 12	12地震	75成分		昭和55年(1980年)3月
5	第36号	1970. 1～1971. 12	12地震	97成分		昭和55年(1980年)3月
6	第37号	1972. 1～1973. 12	10地震	80成分		昭和56年(1981年)7月
7	第38号	1974. 1～1975. 12	10地震	83成分	伊豆半島沖地震(1974. 5. 9) M＝6.9	昭和56年(1981年)3月
8	第41号	1976. 1～1977. 12 1979. 1～1980. 12	12地震	93成分		昭和57年(1982年)10月
9	第42号	1981. 1～1982. 12	9地震	93成分	浦河沖地震(1982. 3. 21) M＝7.1	昭和59年(1984年)1月
10	第43号	1983. 1～1983. 12	16地震	168成分	日本海中部地震(1983. 5. 26) M＝7.7	昭和60年(1985年)12月
11	第44号	1984. 1～1984. 12	12地震	81成分	長野県西部地震(1984. 9. 14) M＝6.8	昭和61年(1986年)2月
12	第46号	1985. 1～1985. 12	7地震	54成分		昭和62年(1987年)1月
13	第48号	1986. 1～1986. 12	7地震	45成分		昭和63年(1988年)1月
14	第51号	1987. 1～1987. 3	9地震	99成分		平成元年(1989年)1月
15	第52号	1987. 4～1987. 12	9地震	137成分	千葉県東方沖地震(1987. 12. 17) M＝6.7	平成元年(1989年)1月

本資料に収録された地震記録は多忙な業務の合間を縫い観測に協力された諸機関の観測担当者の努力の成果である。本資料が広く利用され耐震設計の合理化に資することを望むものである。

2. 掲載地震諸元

Table 2は，1987年1月から1987年3月までに地震動記録が採取された地震の諸元を示すものである。Table 2の項目を順を追って説明すると以下のとおりである。

Table 2の項目	説　　明
SERIAL NUMBER	通し番号
EARTHQUAKE NUMBER	地震動記録が採取された地震の整理番号であり，地震の発生した年及びその年の地震発生順に付与した番号により構成される。
EPICENTRAL REGION	震央地名（気象庁地震月報より転記）
ORIGIN DATE AND TIME（JAPAN STANDARD TIME）	発震時刻（気象庁地震月報より転記）（日本標準時）
EAST LONGITUDE	震央位置東経（度，分）（気象庁地震月報より転記）
NORTH LATITUDE	震央位置北緯（度，分）（気象庁地震月報より転記）
FOCAL DEPTH（KM）	震源深さ（km）（気象庁地震月報より転記）
MAGNITUDE（J.M.A. MAGNITUDE）	気象庁マグニチュード（気象庁地震月報より転記）

Table 2 EARTHQUAKE DATA LIST

SERIAL NUMBER	EARTHQUAKE NUMBER	EPICENTRAL REGION	ORIGIN DATE AND TIME (JAPAN STANDARD TIME)	EAST LOGITUDE	NORTH LATITUDE	FOCAL DEPTH(KM)	MAGNITUDE (J.M.A.MAGNITUDE)
1	87001	NORTHERN IWATE PREF	1987.01.09,15:14	141 46	39 50	72	6.6
2	87002	NORTHERN IWATE PREF	1987.01.10,02:40	141 47	39 50	75	4.9
3	87003	HIDAKA MOUNTAINS REGION	1987.01.14,20:03	142 55	42 32	119	7.0
4	87004	E OFF MIYAGI PREF	1987.01.21,08:36	142 08	38 35	50	5.5
5	87005	NEAR MATSUSHIRO	1987.01.22,12:33	138 15	36 35	7	4.4
6	87006	NEAR CHOSHI CITY	1987.01.29,07:23	141 06	35 47	29	4.1
7	87007	E OFF FUKUSHIMA PREF	1987.02.06,21:23	141 56	36 56	30	6.4
8	87008	E OFF FUKUSHIMA PREF	1987.02.06,22:16	141 53	36 57	35	6.7
9	87009	E OFF IBARAKI PREF	1987.02.13,19:01	141 03	36 37	48	5.2
10	87010	E OFF FUKUSHIMA PREF	1987.02.28,15:52	141 45	37 00	31	5.6
11	87011	E OFF FUKUSHIMA PREF	1987.02.28,16:32	141 17	37 52	79	4.9
12	87012	E OFF FUKUSHIMA PREF	1987.03.01,16:48	141 41	37 17	54	4.6
13	87013	E OFF FUKUSHIMA PREF	1987.03.10,12:24	141 49	36 57	29	5.6
14	87014	HYUGANADA REGION	1987.03.18,12:36	132 03	31 58	48	6.6
15	87015	OFF S NIIGATA PREF	1987.03.24,21:49	137 54	37 28	22	5.9

3. 掲載強震記録

本資料に加速度波形，応答スペクトル倍率図，加速度ディジタル数値を収録した地震動記録の一覧をTable 3に示す。Table 3には記録が採取された地震及び強震計の設置位置が併記されており，それぞれTable 2（掲載地震諸元）及びTable 4（強震計の作動状況）と対応するようになっている。

Table 3の項目を順を追って説明すると以下のとおりである。

Table 3の項目	説　　明
SERIAL NUMBER	通し番号
EARTHQUAKE NUMBER	地震動記録が採取された地震の整理番号であり，地震の発生した年及びその年の地震発生順に付与した番号により構成される。
INDEX NUMBER	地震動記録を数値化した整理番号
RECORD NUMBER	地震動記録が観測された観測所の番号（STATION NUMBER），強震計設置箇所を示す記号（INSTALLATION CONDITION）及び当該強震計で観測された何番目の記録であるかを示す番号（SEQUENCE NUMBER）より構成される。 強震計設置箇所を示す記号の意味は以下のとおりである。 GR ：地盤上の記録（Ground） PI ：橋脚上の記録（Pier） AB ：橋台上の記録（Abutment） G ：橋桁の記録（girder） FU ：橋脚基礎上の記録（footing） DA ：ダム本体の記録（Dam） ES ：河口堰の記録（Estuary Dam） GT ：水門の記録（gate） BK ：堤防上の記録（bank） TU ：トンネルの記録（tunnel） US ：地下構造物の記録（under ground structure） n.F or Bn.F ：建物の記録（building） ST ：その他の構造物の記録（structure） UG ：地中の記録（under ground）

Table 3の項目	説　　明
STATION NAME	観測所名
COMPONENT	地震動の振動方向を表わす。 LG ：構造物長軸方向（Longitude） U－D：上下方向（UP－Down） TR. 構造物長軸直角方向（Transverse） HA. 水平方向A成分（Horizontal Component A） HB. 水平方向B成分（Horizontal Component B）
MAXIMUM ACCELERATION VALUE（GAL）	地震動記録の最大加速度値（gal）
MAXIMUM ACCELERATION TIME（sec）	数値化した記録の最初から最大加速度の発生するまでの時間（sec）
DIGITIZED TIME（sec）	全数値化した記録の最初から最後までの時間（sec）
DATA POINT NUMBER	全データ数

Table 3 (1) ACCELEROGRAM DATA LIST

SERIAL NUMBER	EARTHQUAKE NUMBER	INDEX NUMBER	RECORD NUMBER	STATION NAME OF STRACTURE	COMPONENT	MAXIMUM ACCELERATION VALUE(GAL)	MAXIMUM ACCELERATION TIME(SEC)	DIGITIZED TIME(SEC)	DATA POINT NUMBER
1	87001	1193	105-GR-1-19	MASAKI BRIDGE	HA. (HA.)	-196.2	10.91	65.82	6582
2	87001	1194	105-GR-1-19	MASAKI BRIDGE	U-D	-55.6	13.20	65.82	6582
3	87001	1195	105-GR-1-19	MASAKI BRIDGE	HB. (HB.)	263.8	9.53	65.82	6582
4	87001	1196	713-GR-1-2	YOSHIDAGAWA EMB.	HA. (HA.)	-69.3	21.76	76.50	7650
5	87001	1197	713-GR-1-2	YOSHIDAGAWA EMB.	U-D	32.4	21.83	49.00	4900
6	87001	1198	713-GR-1-2	YOSHIDAGAWA EMB.	HB. (HB.)	-66.4	23.71	76.50	7650
7	87001	1199	S102-GR-1-1	SHINO BRIDGE	HA. (HA.)	-229.4	8.12	89.87	8987
8	87001	1200	S102-GR-1-1	SHINO BRIDGE	U-D	72.0	7.74	89.87	8987
9	87001	1201	S102-GR-1-1	SHINO BRIDGE	HB. (HB.)	149.4	8.27	89.87	8987
10	87001	1202	S102-PI-1-1	SHINO BRIDGE	HA. (HA.)	-464.5	8.60	89.87	8987
11	87001	1203	S102-PI-1-1	SHINO BRIDGE	U-D	100.0	7.98	89.87	8987
12	87001	1204	S102-PI-1-1	SHINO BRIDGE	HB. (HB.)	480.9	8.67	89.87	8987
13	87001	1205	S104-GR-1-4	TSUKINOKI BRIDGE	HA. (HA.)	-43.7	21.28	99.40	9940
14	87001	1206	S104-GR-1-4	TSUKINOKI BRIDGE	U-D	-24.4	22.06	99.40	9940
15	87001	1207	S104-GR-1-4	TSUKINOKI BRIDGE	HB. (HB.)	45.1	22.61	99.40	9940
16	87001	1208	S104-FU-1-4	TSUKINOKI BRIDGE	HA. (HA.)	-42.6	22.36	99.40	9940
17	87001	1209	S104-FU-1-4	TSUKINOKI BRIDGE	U-D	-10.4	23.95	99.40	9940
18	87001	1210	S104-FU-1-4	TSUKINOKI BRIDGE	HB. (HB.)	34.0	24.37	99.40	9940
19	87001	1211	S601-DA-1-1	SHIJYUSHIDA DAM.	HA. (HA.)	30.7	9.27	63.04	6304
20	87001	1212	S601-DA-1-1	SHIJYUSHIDA DAM.	U-D	-24.2	0.46	63.04	6304
21	87001	1213	S601-DA-1-1	SHIJYUSHIDA DAM.	HB. (HB.)	-46.2	13.80	63.04	6304
22	87001	1214	S601-DA-2-1	SHIJYUSHIDA DAM.	HA. (HA.)	143.5	9.64	97.23	9723
23	87001	1215	S601-DA-2-1	SHIJYUSHIDA DAM.	U-D	88.9	14.63	97.23	9723
24	87001	1216	S601-DA-2-1	SHIJYUSHIDA DAM.	HB. (HB.)	309.0	14.63	97.23	9723
25	87003	1217	713-GR-1-3	YOSHIDAGAWA EMB.	HA. (HA.)	-50.6	2.31	22.50	2250
26	87003	1218	713-GR-1-3	YOSHIDAGAWA EMB.	U-D	-20.1	0.25	22.50	2250
27	87003	1219	713-GR-1-3	YOSHIDAGAWA EMB.	HB. (HB.)	-55.3	0.16	22.50	2250
28	87003	1220	1301-GR-1-1	SORACHI BRIDGE	HA. (HA.)	20.5	14.88	49.50	4950
29	87003	1221	1301-GR-1-1	SORACHI BRIDGE	U-D	-18.9	0.09	40.00	4000
30	87003	1222	1301-GR-1-1	SORACHI BRIDGE	HB. (HB.)	-30.5	15.73	49.50	4950
31	87003	1223	1302-GR-1-19	CHIYODA BRIDGE	HA. (HA.)	234.8	15.88	107.00	10700
32	87003	1224	1302-GR-1-19	CHIYODA BRIDGE	U-D	61.8	13.84	107.00	10700
33	87003	1225	1302-GR-1-19	CHIYODA BRIDGE	HB. (HB.)	236.2	14.10	107.00	10700
34	87003	1226	1302-PI-1-13	CHIYODA BRIDGE	HA. (HA.)	225.8	0.97	108.61	10861
35	87003	1227	1302-PI-1-13	CHIYODA BRIDGE	U-D	-59.9	2.08	108.61	10861
36	87003	1228	1302-PI-1-13	CHIYODA BRIDGE	HB. (HB.)	-361.9	2.41	108.61	10861
37	87003	1229	1302-AB-1-11	CHIYODA BRIDGE	HA. (HA.)	-103.7	10.67	118.00	11800
38	87003	1230	1302-AB-1-11	CHIYODA BRIDGE	HB. (HB.)	158.6	12.20	118.00	11800
39	87003	1231	1304-GR-1-10	OTANOSHIKE BR.	HA. (HA.)	127.5	3.41	89.60	8960
40	87003	1232	1304-GR-1-10	OTANOSHIKE BR.	U-D	25.8	2.47	89.60	8960
41	87003	1233	1304-GR-1-10	OTANOSHIKE BR.	HB. (HB.)	106.8	1.38	89.60	8960
42	87003	1234	1310-GR-1-1	SHARI BRIDGE	HA. (HA.)	31.7	33.66	78.60	7860
43	87003	1235	1310-GR-1-1	SHARI BRIDGE	U-D	-6.2	44.02	49.00	4900
44	87003	1236	1310-GR-1-1	SHARI BRIDGE	HB. (HB.)	41.0	26.13	78.60	7860
45	87003	1237	1315-GR-1-1	ONENUMA BRIDGE	HA. (HA.)	66.9	1.33	42.00	4200
46	87003	1238	1315-GR-1-1	ONENUMA BRIDGE	U-D	16.0	1.15	21.00	2100
47	87003	1239	1315-GR-1-1	ONENUMA BRIDGE	HB. (HB.)	-47.4	2.92	42.00	4200
48	87003	1240	1317-GR-1-4	HIROO BRIDGE	HA. (HA.)	-101.3	12.56	59.00	5900
49	87003	1241	1317-GR-1-4	HIROO BRIDGE	U-D	-42.7	15.35	41.00	4100
50	87003	1242	1317-GR-1-4	HIROO BRIDGE	HB. (HB.)	-193.8	12.63	59.00	5900

Table 3 (2) ACCELEROGRAM DATA LIST

SERIAL NUMBER	EARTHQUAKE NUMBER	INDEX NUMBER	RECORD NUMBER	STATION NAME OF STRACTURE	COMPONENT	MAXIMUM ACCELERATION VALUE(GAL)	TIME(SEC)	DIGITIZED TIME(SEC)	DATA POINT NUMBER
51	87003	1243	1321-GR-1-1	MUKAWA EMB.	HA. (HA.)	-101.0	14.93	58.50	5850
52	87003	1244	1321-GR-1-1	MUKAWA EMB.	HB. (HB.)	105.0	18.36	58.50	5850
53	87003	1245	1322-GR-1-1	OTSU EMBANKMENT	HA. (HA.)	285.1	18.14	72.00	7200
54	87003	1246	1322-GR-1-1	OTSU EMBANKMENT	U-D	-72.9	15.10	48.00	4800
55	87003	1247	1322-GR-1-1	OTSU EMBANKMENT	HB. (HB.)	-220.9	15.94	72.00	7200
56	87003	1248	1322-BK-1-1	OTSU EMBANKMENT	HA. (HA.)	216.3	17.74	74.50	7450
57	87003	1249	1322-BK-1-1	OTSU EMBANKMENT	U-D	-139.1	14.68	49.50	4950
58	87003	1250	1322-BK-1-1	OTSU EMBANKMENT	HB. (HB.)	-133.3	15.54	74.50	7450
59	87003	1251	1323-GR-1-1	KUSHIROGAWA EMB.	HA. (HA.)	-120.0	19.89	64.50	6450
60	87003	1252	1323-GR-1-1	KUSHIROGAWA EMB.	U-D	-93.1	19.25	53.00	5300
61	87003	1253	1323-GR-1-1	KUSHIROGAWA EMB.	HB. (HB.)	-102.5	18.42	64.50	6450
62	87005	1254	605-DA-1-3	SUSOBANA DAM	HA. (HA.)	330.2	0.16	20.00	2000
63	87005	1255	605-DA-1-3	SUSOBANA DAM	U-D	-5.0	0.01	20.00	2000
64	87005	1256	605-DA-2-2	SUSOBANA DAM	HA. (HA.)	-126.7	0.05	18.50	1850
65	87005	1257	605-DA-2-2	SUSOBANA DAM	U-D	-13.3	0.16	18.50	1850
66	87005	1258	605-DA-2-2	SUSOBANA DAM	HB. (HB.)	-34.2	0.14	18.50	1850
67	87006	1259	S1401-GR-1-4	TONEGAWA ES.	HA. (HA.)	-25.0	0.75	41.55	4155
68	87006	1260	S1401-GR-1-4	TONEGAWA ES.	U-D	13.3	1.11	41.55	4155
69	87006	1261	S1401-GR-1-4	TONEGAWA ES.	HB. (HB.)	-51.1	1.07	41.55	4155
70	87007	1262	713-GR-1-4	YOSHIDAGAWA EMB.	HA. (HA.)	-42.3	0.74	36.00	3600
71	87007	1263	713-GR-1-4	YOSHIDAGAWA EMB.	U-D	19.1	1.56	36.00	3600
72	87007	1264	713-GR-1-4	YOSHIDAGAWA EMB.	HB. (HB.)	-49.2	3.72	36.00	3600
73	87007	1265	S104-GR-1-6	TSUKINOKI BRIDGE	HA. (HA.)	-37.1	18.03	87.00	8700
74	87007	1266	S104-GR-1-6	TSUKINOKI BRIDGE	U-D	-16.9	17.54	87.00	8700
75	87007	1267	S104-GR-1-6	TSUKINOKI BRIDGE	HB. (HB.)	34.7	16.96	87.00	8700
76	87008	1268	206-GR-1-50	OMIGAWA BRIDGE	HA. (HA.)	33.3	16.46	67.50	6750
77	87008	1269	206-GR-1-50	OMIGAWA BRIDGE	U-D	-6.3	16.33	48.00	4800
78	87008	1270	206-GR-1-50	OMIGAWA BRIDGE	HB. (HB.)	-29.5	16.01	67.50	6750
79	87008	1271	713-GR-1-5	YOSHIDAGAWA EMB.	HA. (HA.)	-97.8	12.93	89.50	8950
80	87008	1272	713-GR-1-5	YOSHIDAGAWA EMB.	U-D	-52.9	13.10	54.50	5450
81	87008	1273	713-GR-1-5	YOSHIDAGAWA EMB.	HB. (HB.)	88.2	13.65	89.50	8950
82	87008	1274	S104-GR-1-7	TSUKINOKI BRIDGE	HA. (HA.)	-74.4	18.43	119.00	11900
83	87008	1275	S104-GR-1-7	TSUKINOKI BRIDGE	U-D	-39.2	19.00	119.00	11900
84	87008	1276	S104-GR-1-7	TSUKINOKI BRIDGE	HB. (HB.)	-120.8	17.59	119.00	11900
85	87008	1277	S104-GR-2-7	TSUKINOKI BRIDGE	HA. (HA.)	-43.0	16.69	92.44	9244
86	87008	1278	S104-GR-2-7	TSUKINOKI BRIDGE	U-D	-11.8	13.96	92.44	9244
87	87008	1279	S104-GR-2-7	TSUKINOKI BRIDGE	HB. (HB.)	-40.6	15.72	92.44	9244
88	87008	1280	S104-FU-1-7	TSUKINOKI BRIDGE	HA. (HA.)	-45.5	18.62	119.00	11900
89	87008	1281	S104-FU-1-7	TSUKINOKI BRIDGE	U-D	-15.3	16.36	119.00	11900
90	87008	1282	S104-FU-1-7	TSUKINOKI BRIDGE	HB. (HB.)	58.7	19.11	119.00	11900
91	87011	1283	S104-GR-1-12	TSUKINOKI BRIDGE	HA. (HA.)	-25.3	8.48	47.50	4750
92	87011	1284	S104-GR-1-12	TSUKINOKI BRIDGE	U-D	9.4	9.25	47.50	4750
93	87011	1285	S104-GR-1-12	TSUKINOKI BRIDGE	HB. (HB.)	41.8	8.39	47.50	4750
94	87014	1286	308-GR-1-16	ITAJIMA BRIDGE	HA. (HA.)	30.5	7.08	69.90	6990
95	87014	1287	308-GR-1-16	ITAJIMA BRIDGE	U-D	11.2	2.26	69.90	6990
96	87014	1288	308-GR-1-16	ITAJIMA BRIDGE	HB. (HB.)	42.8	12.20	69.90	6990
97	87015	1289	905-PI-1-431	OCHIAI BRIDGE	HA. (HA.)	-87.0	0.01	35.00	3500
98	87015	1290	905-PI-1-431	OCHIAI BRIDGE	U-D	-12.5	0.23	35.00	3500
99	87015	1291	905-PI-1-431	OCHIAI BRIDGE	HB. (HB.)	49.0	0.24	35.00	3500

4. 強震計の作動状況

4－1 強震計作動状況表

Table 4 は Table 2 に示した地震によってどの強震計が作動し，どのような記録が採取されたかを示すものである。表中の上段は Table 2 に示した地震の諸元を，中段は上段に示した地震により採取された地震動記録の最大加速度値等を，下段は中段に示した地震動を記録した強震計の諸元をそれぞれ示したものである。

Table 4 の項目は次のとおりである。

Table 4 の項目		説　　明
上　段 ITEMS OF EARTHQUAKE		Table 1 で示した地震諸元データ
中　段 OBSERVED RECORDS	STATION NUMBER	地震動記録が観測された観測所の番号
	INSTALLATION CONDITION	強震計設置箇所を示す記号（Table 3 説明参照）
	RECORD NUMBER	当該強震計で観測された何番目の記録であるかを示す番号（Table 3 で示す SEQUENCE NUMBER と同等）
	EPICENTRAL DISTANCE（KM）	震央から当該強震計までの震央距離（km）
	MAXIMUM VALUE OF ORIGINAL RECORD（GAL）	原記録より直読した最大加速度値（gal） HA., U－D, HB.（Table 3 説明参照）
	MAXIMUM VALUE OF ARRANGED RECORD（GAL）	数値化及び計器補正後の最大加速度値（gal） （数値化を行った記録についてのみ掲載）
	INDEX NUMBER	地震動記録を数値化した整理番号（Table 3 説明参照）（数値化を行った記録についてのみ掲載）
下　段 STATION DATA	STATION NUMBER	地震動記録が観測された観測所の番号
	STATION NAME	観測所名
	INSTALLATION CONDITION	強震計設置箇所を示す番号（Table 3 説明参照）

Table 4 の項目		説　　明
下　段 STATION DATA	EAST LONGITUDE	強震計設置箇所の東経（単位は，度，分，秒）
	NORTH LATITUDE	強震計設置箇所の北緯（単位は，度，分，秒）
	INSTALLED DATE	強震計設置年月
	ACCELEROGRAPH TYPE	強震計機種
	DIRECTION OF HA	HA 成分の方向
	MACHINE NUMBER	機械番号

4－2　強震計作動状況図

Figure 4－1は，Table 4で示す地震により記録の得られた観測所の位置図である。図中には，強震観測所の位置及び観測所番号を示すとともに，記録の得られた観測所は黒印で示してある。

また地震の震央位置及び地震のマグニチュードを書き込み，震央距離100km 毎に震央円を書き込んでいる。

4－3　気象庁震度階震度分布図

Figure 4－2は，Table 4で示す地震により気象庁地震月報に掲載された気象庁震度階震度の分分図である。図中には，気象庁観測所の位置，観測所名及び震度階震度を示すとともに，地震の震央位置及び地震のマグニチュードを書き込み，震央距離 100 km 毎に震央円を書き込んでいる。

また表中には，気象庁観測所の東経，北緯を示すとともに観測所までの震央距離を示している。

Table 4-1 (1) ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	87001
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1987.01.09 15:14 (JAPAN STANDARD TIME)
EPICENTRAL REGION	NORTHERN IWATE PREF
HYPOCENTER	
EAST LONGITUDE	141 46.8'
NORTH LATITUDE	39 50.0'
FOCAL DEPTH	72 KM
MAGNITUDE	6.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
101	GR-1	73	481	2	2	2						
104	GR-1	55	448	6	1	5						
105	GR-1	19	16	220	100	305	-196.2	-55.6	263.8	1193	1194	1195
107	GR-1	3	88	0	0	0						
107	PI-1	3	88	0	0	0						
107	1.F	4	88	60	45	55						
208	GR-1	2	206	0	0	0						
210	GR-1	7	94	15	0	20						
210	PI-1	7	93	15	3	13						
301	GR-1	15	130	0	0	0						
301	PI-1	16	131	25	0	28						
302	GR-1	40	159	13	6	11						
303	GR-1	30	208	11	3	9						
316	GR-1	15	173	15	13	8						
607	DA-1	21	201	5	0	10						
607	DA-2	21	201	20	10	20						
614	DA-1	3	170	15	15	20						
614	DA-2	3	170	40	25	55						
616	DA-1	2	65	35	30	30						
616	DA-2	2	65	80	55	90						
713	GR-1	2	167	70	35	65	-69.3	32.4	-66.4	1196	1197	1198
713	BK-1	2	167	40	45	50						
907	GR-1	144	318	13	6	9						
907	AB-1	53	318	56	19	47						
S102	GR-1	1	13	217	76	160	-229.4	72.0	149.4	1199	1200	1201
S102	PI-1	1	13	405	159	436	-464.5	100.0	480.9	1202	1203	1204
S104	GR-1	4	213	35	24	42	-43.7	-24.4	45.1	1205	1206	1207
S104	GR-2	4	213	23	9	13						
S104	PI-2	4	213	25	11	38						
S104	FU-1	4	213	32	9	35	-42.6	-10.4	34.0	1208	1209	1210
S601	DA-1	1	54	32	30	40	30.7	-24.2	-46.2	1211	1212	1213
S601	DA-2	1	54	238	85	387	143.5	88.9	309.0	1214	1215	1216
S603	DA-1	2	383	13	5	15						
S650	GR-1	1	131	24	17	22						
S650	DA-1	1	131	12	17	17						
S650	UG-1	1	131	21	16	19						
S650	UG-2	1	131	17	13	20						
S650	UG-3	1	131	19	15	19						

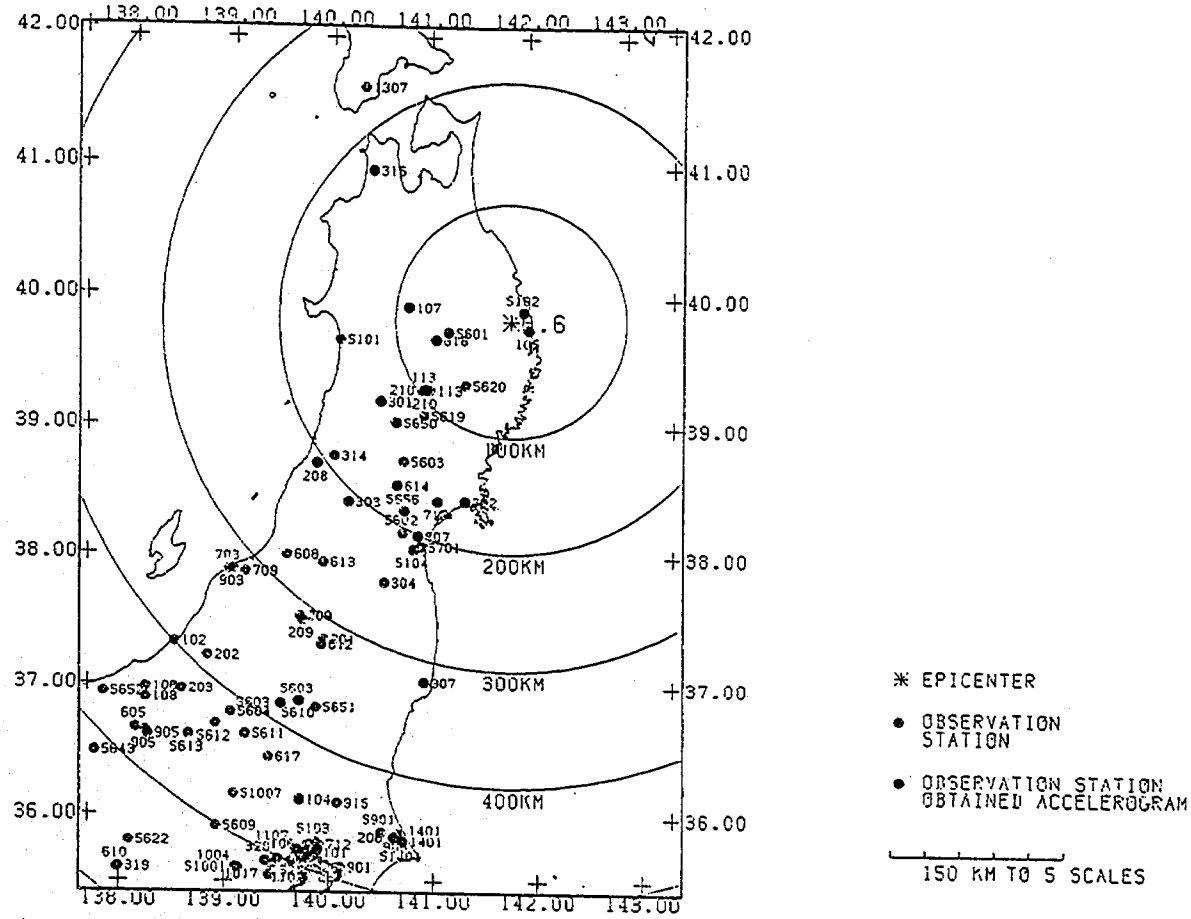
Table 4-1 (2) ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD (GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD (GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S650	UG-4	1	131	13	14	20						
S656	DA-1	1	187	11	10	12						
S656	DA-2	2	187	22	27	39						
S701	ES-1	2	208	29	9	25						
S701	ES-2	1	208	28	8	26						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
101	SHINKATSUSHIKA BRIDGE	GR-1	139 53 18	35 45 47	660330	SMAC-B2	N00E	070096
104	SHINTONEGAWA BRIDGE	GR-1	139 42 12	36 08 26	670220	SMAC-B2	S60E	140205
105	MASAKI BRIDGE	GR-1	141 57 28	39 46 06	710200	SMAC-E2	S75W	000019
107	TAKARAKAZE BRIDGE	GR-1	140 45 20	39 56 35	760301	SMAC-Q	N30E	030070
107	TAKARAKAZE BRIDGE	PI-1	140 45 20	39 56 35	760301	SMAC-Q	N30E	030071
107	TAKARAKAZE BRIDGE	1.F	140 45 20	39 56 35	760301	SMAC-Q	S30E	150082
208	MIKAWA BRIDGE	GR-1	139 51 10	38 44 00	800300	SMAC-Q	S70W	000000
210	HEIWA BRIDGE	GR-1	140 55 00	39 18 18	700300	SMAC-D	N60W	061736
210	HEIWA BRIDGE	PI-1	140 55 49	39 18 08	690300	SMAC-B2	S30W	140302
301	YUUHEI BRIDGE	GR-1	140 28 52	39 12 52	680200	SMAC-B2	S80E	038581
301	YUUHEI BRIDGE	PI-1	140 28 45	39 12 47	680200	SMAC-B2	N80W	038582
302	KAIHOKU BRIDGE	GR-1	141 18 46	38 26 42	660300	SMAC-B2	N30E	038576
303	KAHOKU BRIDGE	GR-1	140 09 58	38 26 17	650300	SMAC-B2	S80W	038530
316	TSUGARU BRIDGE	GR-1	140 24 00	40 59 15	700301	SMAC-D	N10W	061735
607	TARUMIZU DAM	DA-1	140 50 55	38 10 30	751200	SMAC-E2	N35W	000000
607	TARUMIZU DAM	DA-2	140 50 55	38 10 30	751200	SMAC-E2	N35W	030189
614	URUSHIZAWA DAM	DA-1	140 38 44	38 34 16	800300	SMAC-Q	N00E	000000
614	URUSHIZAWA DAM	DA-2	140 38 44	38 34 16	800300	SMAC-Q	N00E	000000
616	GOSHO DAM	DA-1	141 01 55	39 41 23	801100	SMAC-Q	N80E	000000
616	GOSHO DAM	DA-2	141 01 55	39 41 23	801100	SMAC-QA	N90E	000000
713	YOSHIDAGAWA EMBANKMENT	GR-1	141 02 33	38 26 26	810400	SMAC-Q	N90W	000000
713	YOSHIDAGAWA EMBANKMENT	BK-1	141 02 33	38 26 26	810400	SMAC-Q	N90W	000000
907	TAIRA BRIDGE	GR-1	140 54 43	37 03 09	680118	SMAC-B2	N30W	140215
907	TAIRA BRIDGE	AB-1	140 54 38	37 03 11	680118	SMAC-B2	N30W	140203
S102	SHIINO BRIDGE	GR-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	PI-1	141 54 30	39 54 25	841200	SM-10A		000000
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
S601	SHIJUSHIDA DAM	DA-1	141 09 07	39 44 58	811200	SM-10		000000
S601	SHIJUSHIDA DAM	DA-2	141 09 07	39 44 58	811200	SM-10		000000
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S650	MINASE DAM	GR-1	140 37 59	39 03 13	820310	SM-10A		000000
S650	MINASE DAM	DA-1	140 37 59	39 03 13	820310	SM-10A		000000
S650	MINASE DAM	UG-1	140 37 59	39 03 13	******	SM-10A		******
S650	MINASE DAM	UG-2	140 37 59	39 03 13	******	SM-10A		******
S650	MINASE DAM	UG-3	140 37 59	39 03 13	******	SM-10A		******
S650	MINASE DAM	UG-4	140 37 59	39 03 13	******	SM-10A		******
S656	NANAKITA DAM	DA-1	140 43 00	38 22 00	******	SM-10A		******

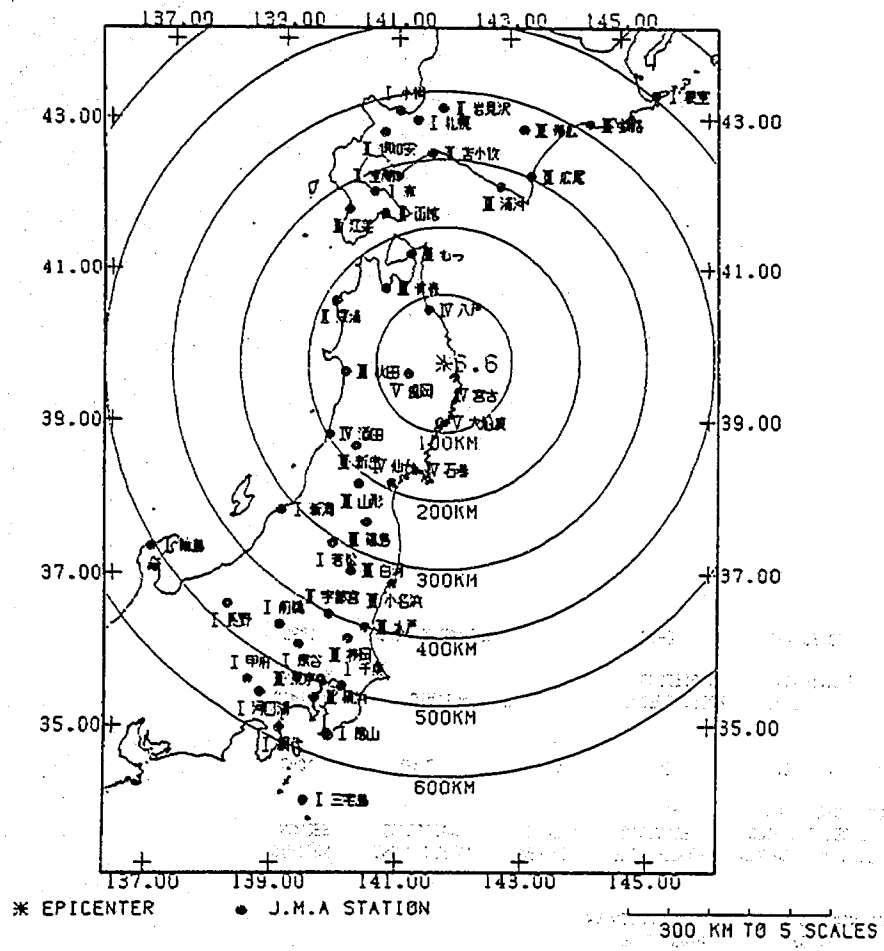
Table 4-1 (3) ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S656	NANAKITA DAM	DA-2	140 43 00	38 22 00	******	SM-10A		******
S701	ABUKUMA ESTUARY DAM	ES-1	140 52 38	38 05 34	830331	SM-10		000000
S701	ABUKUMA ESTUARY DAM	ES-2	140 52 38	38 05 34	830331	SM-10		000000



ITEMS OF EARTHQUAKE	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1987.01.09 15:14(JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN IWATE PREF
	HYPOCENTER	
	EAST LONGITUDE	141°46'8"
	NORTH LATITUDE	39°50'0"
	FOCAL DEPTH	72KM
	MAGNITUDE	6.6(J.M.A. MAGNITUDE)

Figure 4-1-1 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 87001



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1987.01.09 15:14(JAPAN STANDARD TIME)
EPICENTRAL REGION NORTHERN IWATE PREF
HYPOCENTER
EAST LONGITUDE 141°46'8"
NORTH LATITUDE 39°50'0"
FOCAL DEPTH 72KM
MAGNITUDE 6.6(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME		EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
V	盛岡	MORIOKA	141 10.6	39 41.7	53.8
	大船渡	OFUNATO	141 43.1	39 3.7	86.0
IV	宮古	MIYAKO	141 58.1	39 38.7	26.4
	八戸	HACHINOHE	141 31.5	40 31.5	79.9
	石巻	ISHINOMAKI	141 18.2	38 25.5	161.9
	仙台	SENDAI	140 54.0	38 15.6	190.7
	酒田	SAKATA	139 50.8	38 54.4	195.5
III	青森	AOMORI	140 46.9	40 49.2	138.5
	秋田	AKITA	140 6.0	39 43.1	144.1
	むつ	MUTSU	141 13.0	41 17.0	168.0
	新庄	SHINJO	140 18.0	38 45.0	175.3
	山形	YAMAGATA	140 20.9	38 15.2	214.8
	福島	FUKUSHIMA	140 28.5	37 45.4	257.1
	浦河	URAKAWA	142 46.9	42 9.5	271.7
	広尾	HIROO	143 19.2	42 17.5	302.2
	小名浜	ONAHAMA	140 54.4	36 56.7	330.0
	白河	SHIRAKAWA	140 13.5	37 7.1	330.8
	帯広	OBIHIRO	143 13.0	42 55.2	363.4
	水戸	MITO	140 28.3	36 22.7	400.7
	釧路	KUSHIRO	144 23.5	42 56.5	411.5
	柿岡	KAKIOKA	140 11.6	36 13.9	423.8
	東京	TOKYO	139 45.5	35 41.2	494.0
	横浜	YOKOHAMA	139 39.4	35 26.2	523.2
II	深浦	FUKAURA	139 56.0	40 39.0	181.1
	函館	HAKODATE	140 45.3	41 48.9	236.5
	江差	ESASHI	140 8.0	41 52.0	265.0
	苫小牧	TOMAKOMAI	141 35.1	42 37.4	310.6
	倶知安	KUTCHAN	140 45.0	42 54.0	351.5
	岩見沢	IWAMIZAWA	141 47.0	43 13.0	376.1
	宇都宮	UTSUNOMIYA	139 52.3	36 32.8	401.6
I	森	MORI	140 34.3	42 6.2	271.9
	室蘭	MURORAN	140 58.9	42 18.6	283.3
	若松	WAKAMATSU	139 55.0	37 29.0	307.2
	新潟	NIIGATA	139 3.1	37 54.6	318.5
	札幌	SAPPORO	141 19.9	43 3.5	360.4
	小樽	OTARU	141 1.0	43 11.0	377.8
	前橋	MAEBASHI	139 3.9	36 24.1	449.3
	熊谷	KUMAGAYA	139 23.0	36 8.8	460.4
	長野	NAGANO	138 11.7	36 39.6	471.5
	千葉	CHIBA	140 6.0	35 36.0	493.2

TOTAL STATION NUMBER : 47
NO DISPLAY STATION NUMBER : 7

Figure 4-2-1 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 87001

Table 4−2 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	87002
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1987.01.10 02:40 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN IWATE PREF
	HYPOCENTER	
	EAST LONGITUDE	141 47.2°
	NORTH LATITUDE	39 50.2°
	FOCAL DEPTH	75 KM
	MAGNITUDE	4.9 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
S601	DA-2	4	55	15	11	25						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S601	SHIJUSHIDA DAM	DA-2	141 09 07	39 44 58	811200	SM-10		000000

Table 4-3 (1) ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	87003
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1987.01.14 20:03 (JAPAN STANDARD TIME)
EPICENTRAL REGION	HIDAKA MOUNTAINS REGION
HYPOCENTER	
EAST LONGITUDE	142.55.9°
NORTH LATITUDE	42.32.0°
FOCAL DEPTH	119 KM
MAGNITUDE	7.0 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
101	GR-1	74	796	3	2	4						
316	GR-1	16	271	15	13	19						
607	DA-2	22	515	0	0	0						
713	GR-1	3	482	55	20	45	-50.6	-20.1	-55.3	1217	1218	1219
713	BK-1	3	482	25	15	35						
1301	GR-1	1	139	30	25	35	20.5	-18.9	-30.5	1220	1221	1222
1301	AB-1	1	139	50	15	40						
1302	GR-1	19	56	125	24	103	234.8	61.8	236.2	1223	1224	1225
1302	PI-1	13	56	127	40	256	225.8	-59.9	-361.9	1226	1227	1228
1302	AB-1	11	56	81	0	104	-103.7	****	158.6	1229	****	1230
1304	GR-1	10	121	59	11	47	127.5	25.8	106.8	1231	1232	1233
1304	PI-1	11	121	73	10	91						
1305	GR-1	16	51	21	8	13						
1305	PI-1	9	51	26	11	20						
1307	GR-1	6	239	0	0	0						
1307	PI-1	3	239	0	0	0						
1308	GR-1	2	149	11	0	16						
1308	PI-1	2	149	0	0	0						
1308	G-1	2	149	0	0	0						
1309	GR-1	1	153	0	0	0						
1309	PI-1	1	153	0	0	0						
1310	GR-1	1	205	35	8	48	31.7	-6.2	41.0	1234	1235	1236
1311	GR-1	1	212	0	0	0						
1311	AB-1	1	212	0	0	0						
1312	GR-1	1	187	0	0	0						
1312	PI-1	1	187	0	0	0						
1315	GR-1	1	223	75	15	40	66.9	16.0	-47.4	1237	1238	1239
1315	AB-1	1	223	35	15	40						
1317	GR-1	4	42	95	55	200	-101.3	-42.7	-193.8	1240	1241	1242
1320	GR-1	3	136	0	0	0						
1320	PI-1	2	136	0	0	0						
1321	GR-1	1	80	75	35	75	-101.0	****	105.0	1243	****	1244
1321	BK-1	1	80	80	40	90						
1322	GR-1	1	60	350	80	190	285.1	-72.9	-220.9	1245	1246	1247
1322	BK-1	1	60	220	130	110	216.3	-139.1	-133.3	1248	1249	1250
1323	GR-1	1	133	95	100	110	-120.0	-93.1	-102.5	1251	1252	1253
1323	BK-1	1	133	85	90	75						
1324	BK-1	1	75	0	0	0						

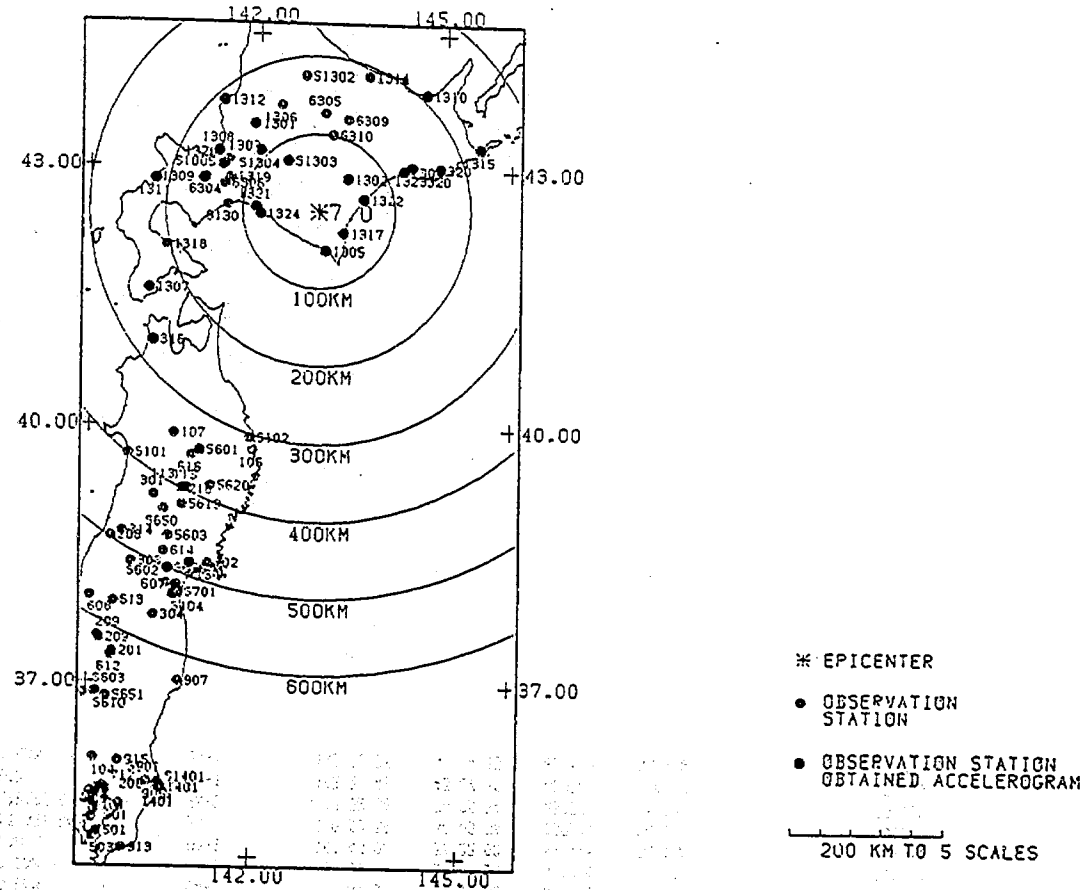
Table 4–3 (2) ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S104	GR-1	5	527	8	7	13						
S104	GR-2	5	527	10	6	7						
S104	PI-2	5	527	9	5	10						
S104	FU-1	5	527	8	5	10						
S601	DA-1	4	343	5	3	5						
S601	DA-2	5	343	23	14	47						
S656	DA-1	2	499	13	8	10						
S701	ES-1	3	523	32	7	22						
S701	ES-2	2	523	29	8	22						
S1303	DA-1	1	76	15	10	14						
S1304	DA-1	1	108	14	12	14						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
101	SHINKATSUSHIKA BRIDGE	GR-1	139 53 18	35 45 47	660330	SMAC-B2	N00E	070096
316	TSUGARU BRIDGE	GR-1	140 24 00	40 59 15	700301	SMAC-D	N10W	061735
607	TARUMIZU DAM	DA-2	140 50 55	38 10 30	751200	SMAC-E2	N35W	030189
713	YOSHIDAGAWA EMBANKMENT	GR-1	141 02 33	38 26 26	810400	SMAC-Q	N90W	000000
713	YOSHIDAGAWA EMBANKMENT	BK-1	141 02 33	38 26 26	810400	SMAC-Q	N90W	000000
1301	SORACHI BRIDGE	GR-1	141 55 10	43 32 40	780200	SMAC-Q		000000
1301	SORACHI BRIDGE	AB-1	141 55 10	43 32 40	780200	SMAC-Q		000000
1302	CHIYODA BRIDGE	GR-1	143 23 21	42 55 11	661100	SMAC-B2	S36W	140182
1302	CHIYODA BRIDGE	PI-1	143 23 21	42 55 11	661100	SMAC-B2	S35W	140181
1302	CHIYODA BRIDGE	AB-1	143 23 21	42 55 11	661100	SMAC-B2	S35W	140183
1304	OTANOSHIKE BRIDGE	GR-1	144 16 16	43 00 30	671000	SMAC-B2		140229
1304	OTANOSHIKE BRIDGE	PI-1	144 16 16	43 00 30	671000	SMAC-B2		140230
1305	HOROMAN BRIDGE	GR-1	143 02 16	42 04 24	671210	SMAC-B2		140231
1305	HOROMAN BRIDGE	PI-1	143 02 15	42 04 24	671210	SMAC-B2		140232
1307	SHICHIHOU BRIDGE	GR-1	140 18 50	41 35 40	681200	SMAC-B2	S25W	000000
1307	SHICHIHOU BRIDGE	PI-1	140 18 50	41 35 40	681200	SMAC-B2	S25W	000000
1308	ISHIKARIKAKOU BRIDGE	GR-1	141 21 10	43 13 20	700300	SMAC-B2		000000
1308	ISHIKARIKAKOU BRIDGE	PI-1	141 21 10	43 13 20	700300	SMAC-B2		000000
1308	ISHIKARIKAKOU BRIDGE	G-1	141 21 10	43 13 20	700300	SMAC-B2		000000
1309	MUINE BRIDGE	GR-1	141 07 20	42 54 00	691010	SMAC-D		000000
1309	MUINE BRIDGE	PI-1	141 07 20	42 54 00	691010	SMAC-D		000000
1310	SHARI BRIDGE	GR-1	144 38 50	43 53 50	701000	SMAC-D		000000
1311	ISOYA BRIDGE	GR-1	140 22 00	42 52 29	701100	SMAC-D		000000
1311	ISOYA BRIDGE	AB-1	140 22 08	42 52 29	701100	SMAC-D		000000
1312	TOUKEI BRIDGE	GR-1	141 25 25	43 48 40	711019	SMAC-E2		000000
1312	TOUKEI BRIDGE	PI-1	141 25 25	43 48 40	721100	SMAC-E2		000000
1315	ONNETTO BRIDGE	GR-1	145 29 30	43 15 50	751101	SMAC-Q		000000
1315	ONNETTO BRIDGE	AB-1	145 29 30	43 15 50	751101	SMAC-Q		000000
1317	HIROO BRIDGE	GR-1	143 19 10	42 16 45	750300	SMAC-Q	N23E	000000
1320	SAPPORO I.C BRIDGE	GR-1	141 25 30	43 04 20	811200	SMAC-Q	W10N	360234
1320	SAPPORO I.C BRIDGE	PI-1	141 25 30	43 04 20	811200	SMAC-Q		270237
1321	MUKAWA EMBANKMENT	GR-1	141 56 58	42 34 57	851003	SMAC-QA		******
1321	MUKAWA EMBANKMENT	BK-1	141 56 58	42 34 57	840900	SMAC-QA		000000
1322	OOTSU EMBANKMENT	GR-1	143 38 21	42 41 05	800100	SMAC-Q		000000

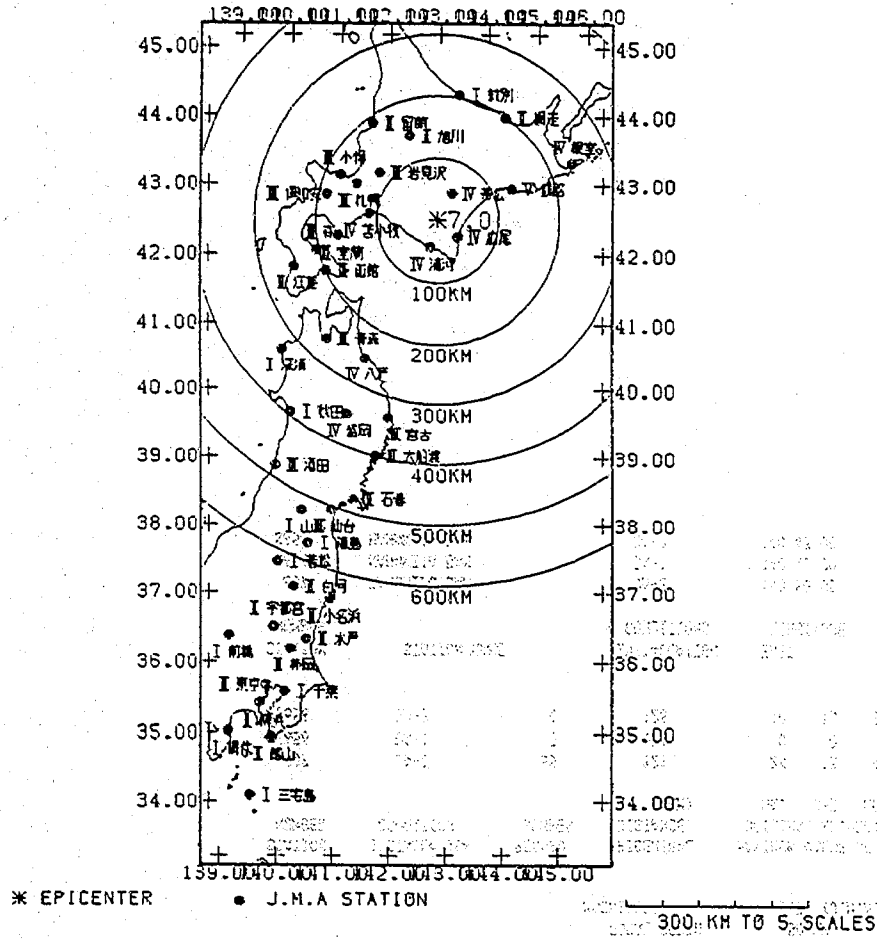
Table 4-3 (3) ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
1322	OOTSU EMBANKMENT	BK-1	143 38 21	42 41 05	800100	SMAC-Q		000000
1323	KUSHIROGAWA EMBANKMENT	GR-1	144 24 16	43 03 18	820100	SMAC-Q		000000
1323	KUSHIROGAWA EMBANKMENT	BK-1	144 24 16	43 03 18	820100	SMAC-Q		000000
1324	SARUKAWA EMBANKMENT	BK-1	142 00 52	42 30 14	861114	SMAC-QA		******
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
S601	SHIJUSHIDA DAM	DA-1	141 09 07	39 44 58	811200	SM-10		000000
S601	SHIJUSHIDA DAM	DA-2	141 09 07	39 44 58	811200	SM-10		000000
S656	NANAKITA DAM	DA-1	140 43 00	38 22 00	******	SM-10A		******
S701	ABUKUMA ESTUARY DAM	ES-1	140 52 38	38 05 34	830331	SM-10		000000
S701	ABUKUMA ESTUARY DAM	ES-2	140 52 38	38 05 34	830331	SM-10		000000
S1303	KANEYAMA DAM	DA-1	142 26 48	43 07 35	820300	SMA-TB		000000
S1304	HASIRASAWA DAM	DA-1	142 00 23	43 14 15	820519	SMA-TB		000000



ITEMS OF EARTHQUAKE	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1987.01.14 20:03(JAPAN STANDARD TIME)
	EPICENTRAL REGION	HIDAKA MOUNTAINS REGION
	HYPOCENTER	
	EAST LONGITUDE	142°55'9"
	NORTH LATITUDE	42°32'0"
	FOCAL DEPTH	119KM
	MAGNITUDE	7.0(J.M.A. MAGNITUDE)

Figure 4-1-3 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 87003



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1987.01.14 20:03(JAPAN STANDARD TIME)
EPICENTRAL REGION HIDAKA MOUNTAINS REGION
HYPOCENTER
EAST LONGITUDE 142°55'9"
NORTH LATITUDE 42°32'0"
FOCAL DEPTH 119KM
MAGNITUDE 7.0(J.M.A. MAGNITUDE)

SEIMIC INTEN SITY	J.M.A. STATION NAME	EAST LONGI TUDE	NORTH LATI TUDE	EPICENTRAL DISTANCE (KM)
V	KUSHIRO	144 23.5	42 58.5	128.9
IV	HIROO	143 19.2	42 17.5	41.7
	URAKAWA	142 46.9	42 9.5	43.5
	OBIHIRO	143 13.0	42 55.2	48.8
	TOMAKOMAI	141 35.1	42 37.4	110.7
	NEMURO	145 35.4	43 19.7	233.7
	HACHINOHE	141 31.5	40 31.5	252.1
	MORIOKA	141 10.6	39 41.7	348.1
II	IWAMIZAWA	141 47.0	43 13.0	120.5
	SAPPORO	141 19.9	43 3.5	143.0
	MURORAN	140 58.9	42 18.6	161.9
	OTARU	141 1.0	43 11.0	172.0
	KUTCHAN	140 45.0	42 54.0	182.8
	HAKODATE	140 45.3	41 48.9	196.3
	MORI	140 34.3	42 6.2	199.8
	AOMORI	140 46.9	40 49.2	261.0
	MIYAKO	141 58.1	39 38.7	331.1
	OFUNATO	141 43.1	39 3.7	399.2
	SAKATA	139 50.8	38 54.4	479.6
	SENDAI	140 54.0	38 15.6	505.2
I	ASAHIKAWA	142 22.4	43 46.2	144.7
	RUMOI	141 38.2	43 56.6	188.6
	ABASHIRI	144 17.0	44 0.9	197.7
	ESASHI	140 8.0	41 52.0	242.1
	ISHINOMAKI	141 18.2	38 25.5	477.0
	SHIRAKAWA	140 13.5	37 7.1	644.7
	ONAHAMA	140 54.4	36 56.7	644.8
	UTSUNOMIYA	139 52.3	36 32.8	715.2
	MITO	140 28.3	36 22.7	716.0
	KAKIOKA	140 11.6	36 13.9	738.9
	TOKYO	139 45.5	35 41.2	808.7
	YOKOHAMA	139 39.4	35 26.2	837.9
	TATEYAMA	139 52.1	34 59.0	880.1
I	MOMBETSU	143 22.0	44 21.0	204.9
	FUKAURA	139 56.0	40 39.0	325.5
	AKITA	140 6.0	39 43.1	392.6
	YAMAGATA	140 20.9	38 15.2	523.6
	FUKUSHINA	140 28.5	37 45.4	570.5
	WAKAMATSU	139 55.0	37 29.0	617.2
	MAEBASHI	139 3.9	36 24.1	757.9

TOTAL STATION NUMBER : 43
NO DISPLAY STATION NUMBER : 3

Figure 4-2-3 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 87003

Table 4−4 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	87004
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1987.01.21 08:36 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF MIYAGI PREF
	HYPOCENTER	
	EAST LONGITUDE	142 8.2°
	NORTH LATITUDE	38 35.6°
	FOCAL DEPTH	50 KM
	MAGNITUDE	5.5 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
607	DA-2	35	121	23	13	40						
S656	DA-1	3	126	0	0	0						
S656	DA-2	4	126	10	13	15						

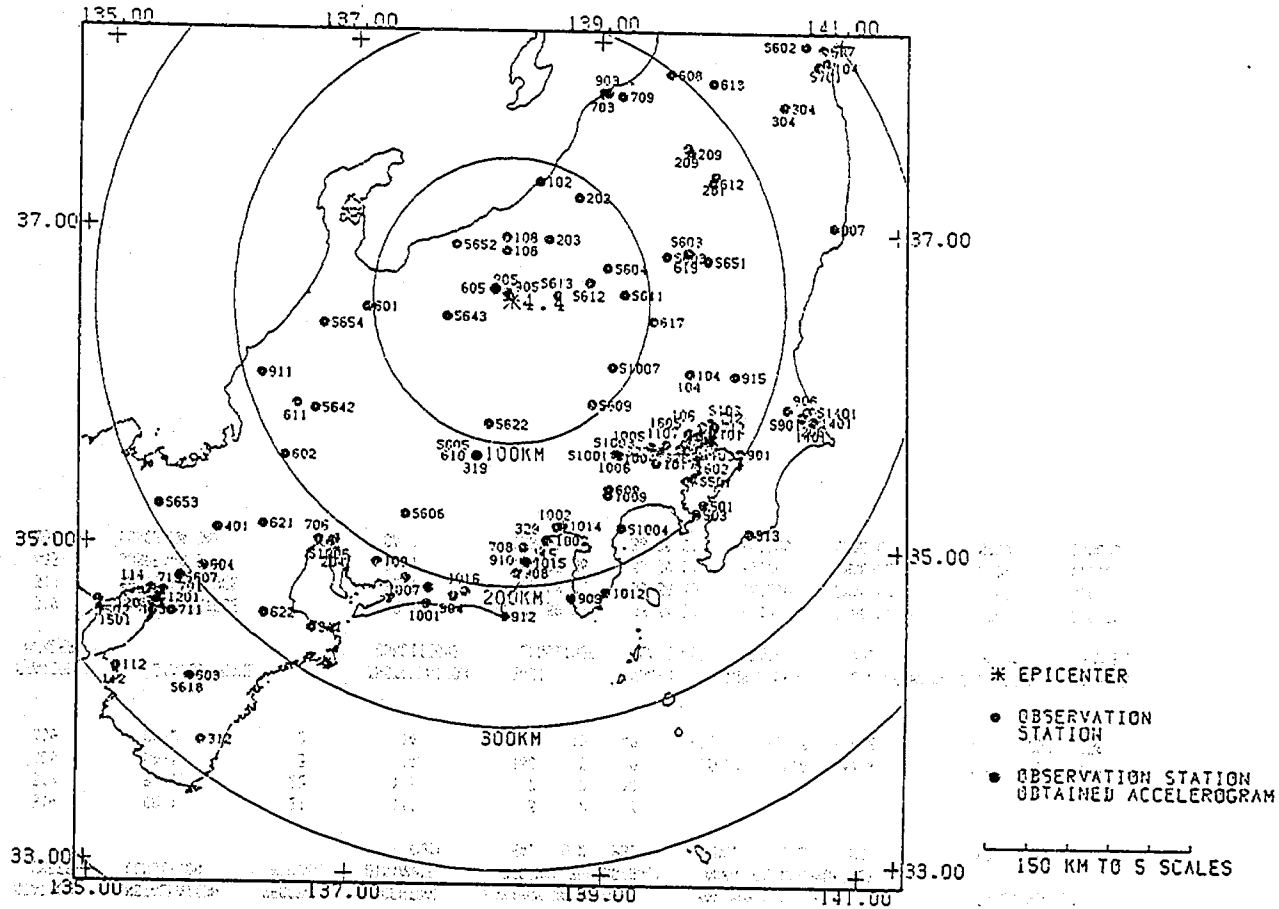
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
607	TARUMIZU DAM	DA-2	140 50 55	38 10 30	751200	SMAC-E2	N35W	030189
S656	NANAKITA DAM	DA-1	140 43 00	38 22 00	******	SM-10A		******
S656	NANAKITA DAM	DA-2	140 43 00	38 22 00	******	SM-10A		******

Table 4-5 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	87005
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1987.01.22 12:33 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NEAR MATSUSHIRO
	HYPOCENTER	
	EAST LONGITUDE	138 15.6'
	NORTH LATITUDE	-36 35.4'
	FOCAL DEPTH	7 KM
	MAGNITUDE	4.4 (J.M.A.MAGNITUDE)

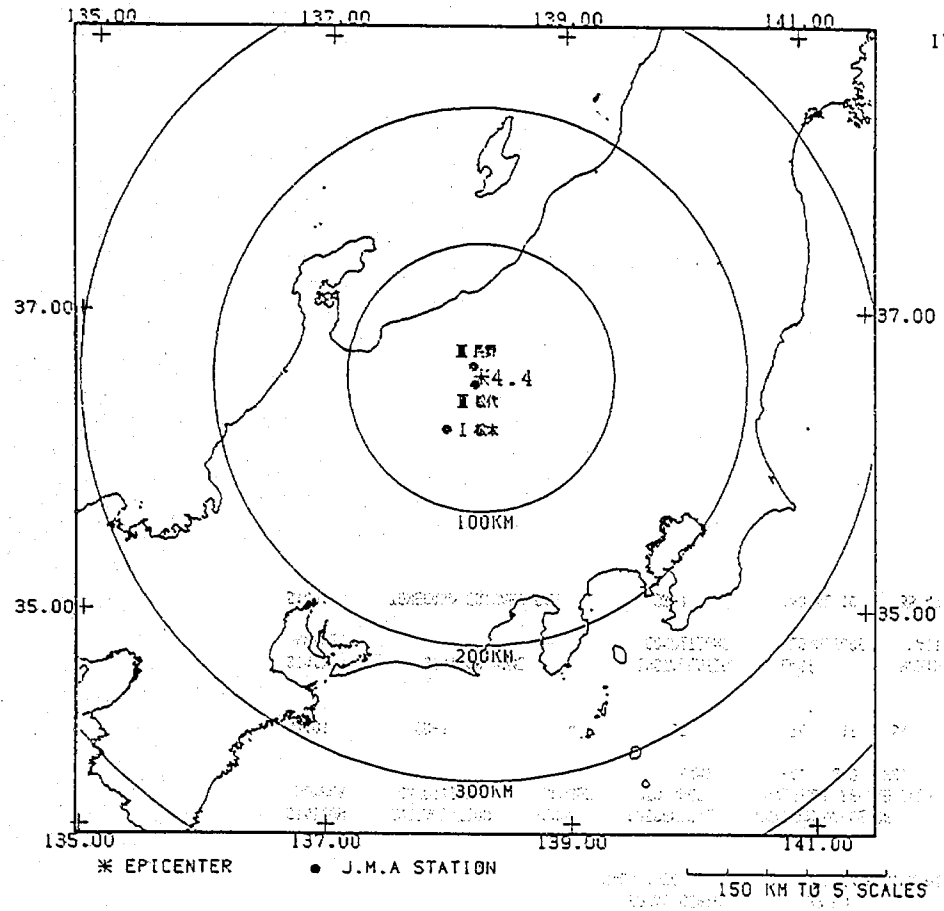
STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
319	GR-1	21	111	3	2	3						
319	PI-1	22	111	7	2	10						
605	DA-1	3	14	160	5	0	330.2	-5.0	****	1254	1255	****
605	DA-2	2	14	110	10	40	-126.7	-13.3	-34.2	1256	1257	1258

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
319	SHITOKU BRIDGE	GR-1	137 59 21	35 36 31	661200	SMAC-B2	S30E	240129
319	SHITOKU BRIDGE	PI-1	137 59 24	35 36 30	661200	SMAC-B2	S30E	030040
605	SUSOBANA DAM	DA-1	138 07 36	36 39 51	691200	SMAC-B2	N80W	070122
605	SUSOBANA DAM	DA-2	138 07 36	36 39 51	691200	SMAC-Q	N75W	000000



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1987.01.22 12:33(JAPAN STANDARD TIME)
EPICENTRAL REGION NEAR MATSUSHIRO
HYPOCENTER
EAST LONGITUDE 138°15'6"
NORTH LATITUDE 36°35'4"
FOCAL DEPTH 7KM
MAGNITUDE 4.4(J.M.A. MAGNITUDE)

Figure 4-1-5 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 87005



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1987.01.22 12:33(JAPAN STANDARD TIME)
EPICENTRAL REGION NEAR MATSUSHIRO
HYPOCENTER
EAST LONGITUDE 138°15'6"
NORTH LATITUDE 36°35'4"
FOCAL DEPTH 7KM
MAGNITUDE 4.4(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
Ⅱ	MATSUSHIRO	138 12.5	36 32.3	7.4
Ⅱ	NAGANO	138 11.7	36 39.6	9.7
Ⅰ	MATSUMOTO	137 58.4	36 14.6	46.3

TOTAL STATION NUMBER : 3
NO DISPLAY STATION NUMBER : 0

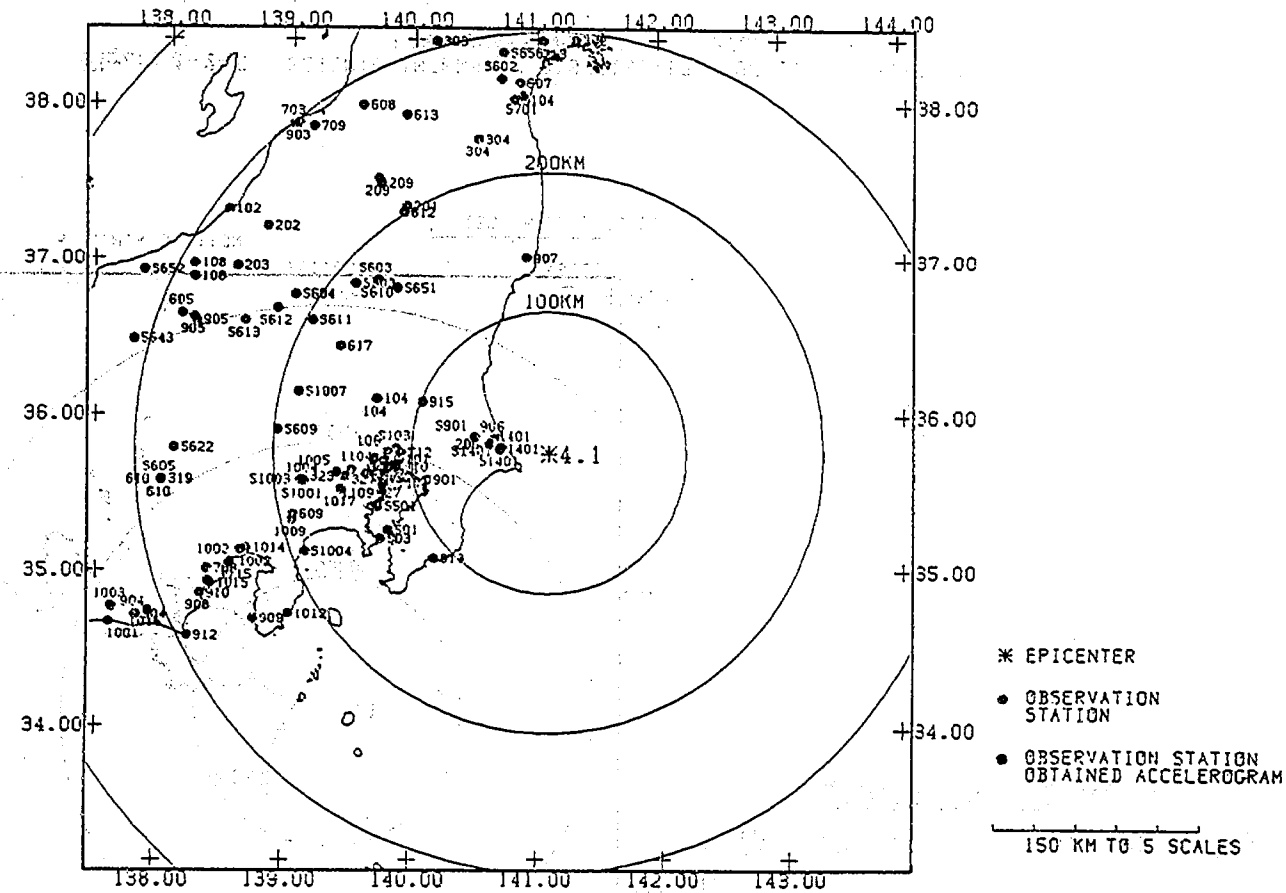
Figure 4-2-5 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 87005

Table 4–6 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	87006
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1987.01.29 07:23 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NEAR CHOSHI CITY
	HYPOCENTER	
	EAST LONGITUDE	141 6.0'
	NORTH LATITUDE	35 47.9'
	FOCAL DEPTH	29 KM
	MAGNITUDE	4.1 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
S1401	GR-1	4	35	24	17	54	-25.0	13.3	-51.1	1259	1260	1261

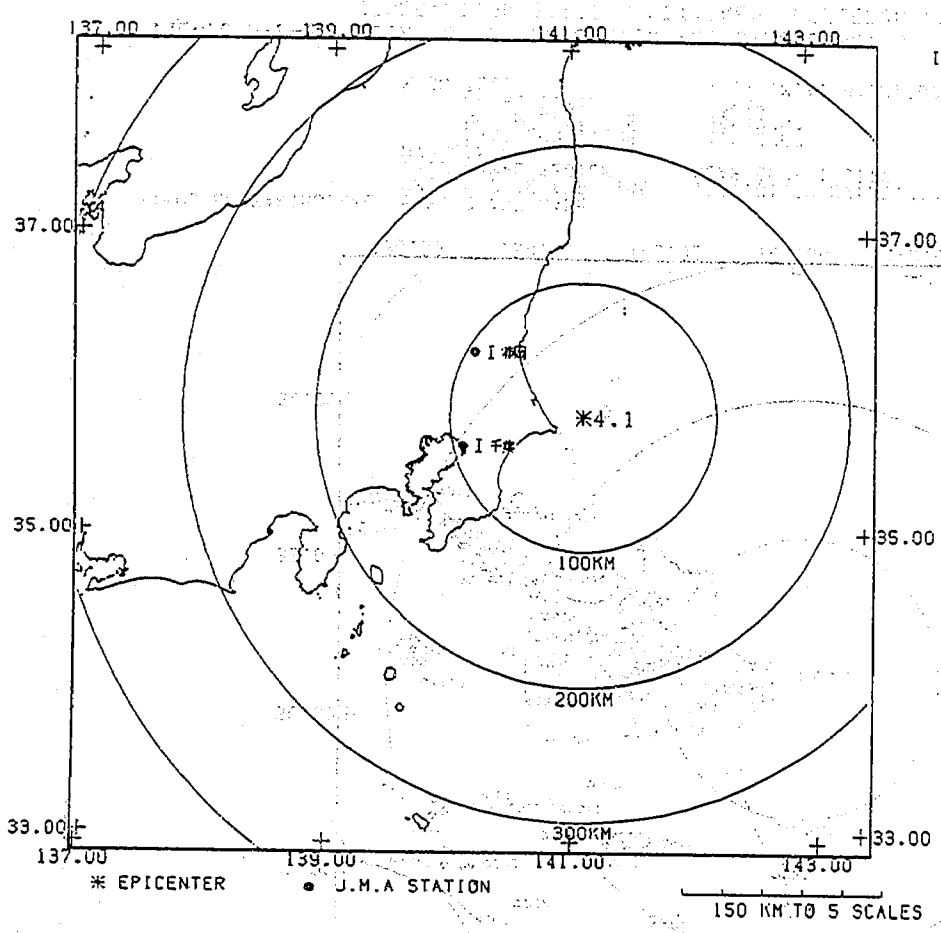
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S1401	TONESAWA ESTUARY DAM	GR-1	140 42 10	35 49 50	000000	SM-10A		000000



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1987.01.29 07:23(JAPAN STANDARD TIME)
EPICENTRAL REGION	NEAR CHOSHI CITY
HYPOCENTER	
EAST LONGITUDE	141° 6'0"
NORTH LATITUDE	35° 47'9"
FOCAL DEPTH	29KM
MAGNITUDE	4.1(J.M.A. MAGNITUDE)

Figure 4-1-6 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 87006



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1987.01.29 07:23(JAPAN STANDARD TIME)
EPICENTRAL REGION NEAR CHOSHI CITY
HYPOCENTER
EAST LONGITUDE 141° 6'0"
NORTH LATITUDE 35°47'9"
FOCAL DEPTH 29KM
MAGNITUDE 4.1(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.N.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
I 千葉	CHIBA	140 6.0	35 36.0	93.0
I 茨城	KAKIOKA	140 11.6	36 13.9	94.7

TOTAL STATION NUMBER : 2
NO DISPLAY STATION NUMBER : 0

Figure 4-2-6 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 87006

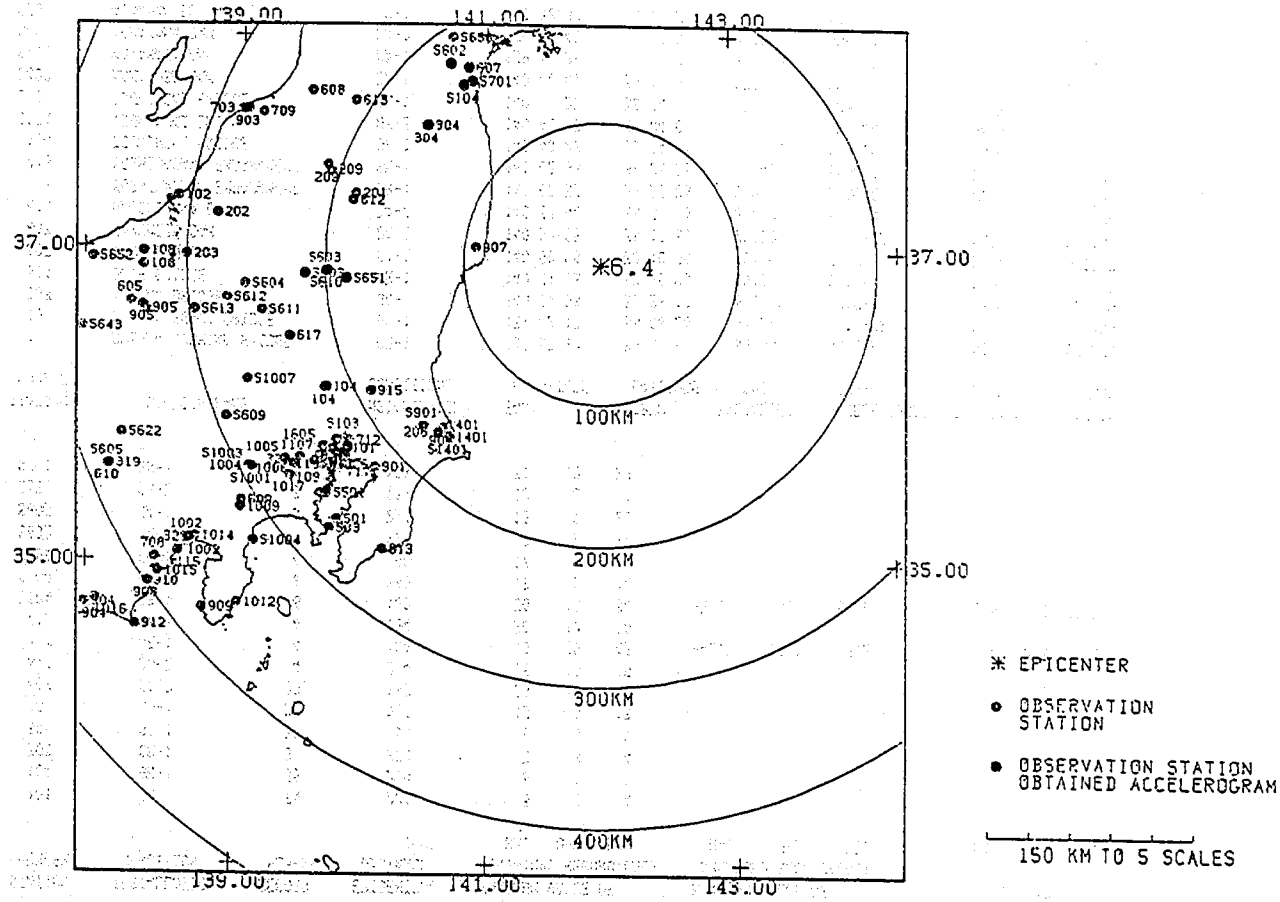
Table 4-7 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	87007
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1987.02.06 21:23 (JAPAN STANDARD TIME)
EPICENTRAL REGION	E OFF FUKUSHIMA PREF
HYPOCENTER	
EAST LONGITUDE	141 56.1'
NORTH LATITUDE	36 56.2'
FOCAL DEPTH	30 KM
MAGNITUDE	6.4 (J.M.A.MAGNITUDE)

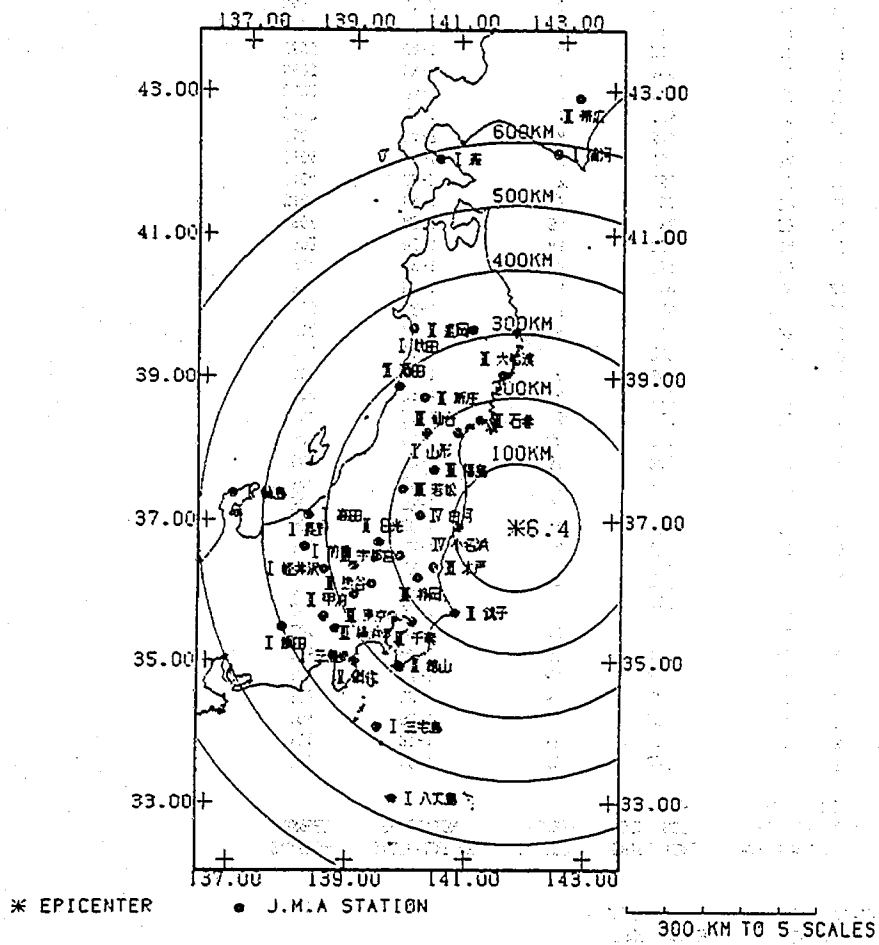
STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
101	GR-1	74	224	3	2	4						
104	GR-1	55	218	6	1	5						
303	GR-1	31	228	3	3	4						
304	GR-1	51	158	6	4	9						
607	DA-1	22	167	13	5	13						
607	DA-2	23	167	28	15	45						
614	DA-2	4	214	15	10	15						
713	GR-1	4	184	40	25	45	-42.3	19.1	-49.2	1262	1263	1264
713	BK-1	4	184	20	10	30						
S104	GR-1	6	160	30	18	34	-37.1	-16.9	34.7	1265	1266	1267
S104	GR-2	6	160	17	5	14						
S104	FU-1	6	160	17	9	19						
S602	DA-1	1	177	9	7	17						
S603	DA-1	3	214	13	9	22						
S651	DA-2	3	184	10	6	11						
S701	ES-1	4	158	31	12	29						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
101	SHINKATSUSHIKA BRIDGE	GR-1	139 53 18	35 45 47	660330	SMAC-B2	N00E	070096
104	SHINTONEGAWA BRIDGE	GR-1	139 42 12	36 08 26	670220	SMAC-B2	S60E	140205
303	KAHOKU BRIDGE	GR-1	140 09 58	38 26 17	650300	SMAC-B2	S80W	038530
304	DATE BRIDGE	GR-1	140 31 13	37 49 05	651010	SMAC-B2	S60W	038562
607	TARUMIZU DAM	DA-1	140 50 55	38 10 30	751200	SMAC-E2	N35W	000000
607	TARUMIZU DAM	DA-2	140 50 55	38 10 30	751200	SMAC-E2	N35W	030189
614	URUSHIZAWA DAM	DA-2	140 38 44	38 34 16	800300	SMAC-Q	N00E	000000
713	YOSHIDAGAWA EMBANKMENT	GR-1	141 02 33	38 26 26	810400	SMAC-Q	N90W	000000
713	YOSHIDAGAWA EMBANKMENT	BK-1	141 02 33	38 26 26	810400	SMAC-Q	N90W	000000
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
S602	KAMAFUSA DAM	DA-1	140 42 01	38 11 56	820400	SM-10A		000000
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S651	TERAYAMA DAM	DA-2	139 51 40	36 50 55	841000	SM-10A		000000
S701	ABUKUMA ESTUARY DAM	ES-1	140 52 38	38 05 34	830331	SM-10		000000



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1987.02.06 21:23(JAPAN STANDARD TIME)
EPICENTRAL REGION E OFF FUKUSHIMA PREF
HYPOCENTER
EAST LONGITUDE 141°56'1"
NORTH LATITUDE 36°56'2"
FOCAL DEPTH 30KM
MAGNITUDE 6.4(J.M.A. MAGNITUDE)

Figure 4-1-7 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 87007



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1987.02.06 21:23(JAPAN STANDARD TIME)
EPICENTRAL REGION E OFF FUKUSHIMA PREF
HYPOCENTER
EAST LONGITUDE 141°56'1"
NORTH LATITUDE 36°56'2"
FOCAL DEPTH 30KM
MAGNITUDE 6.4(J.M.A. MAGNITUDE)

SEIMIC INTENSITY		J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
Ⅳ	小名浜	ONAHAMA	140 54.4	36 56.7	91.4
	白河	SHIRAKAWA	140 13.5	37 7.1	153.1
Ⅱ	水戸	MITO	140 28.3	36 22.7	144.5
	福島	FUKUSHIMA	140 28.5	37 45.4	158.0
	仙台	SENDAI	140 54.0	38 15.6	173.1
	柿田	KAKIOKA	140 11.6	36 13.9	174.1
	石巻	ISHINOMAKI	141 18.2	38 25.5	174.5
	若松	WAKAMATSU	139 55.0	37 29.0	188.8
	宇都宮	UTSUNOMIYA	139 52.3	36 32.8	188.9
	千葉	CHIBA	140 6.0	35 36.0	221.7
	東京	TOKYO	139 45.5	35 41.2	233.4
	横浜	YOKOHAMA	139 39.4	35 26.2	263.8
Ⅰ	銚子	CHOSHI	140 50.6	35 43.5	166.5
	日光	NIKKO	139 30.0	36 44.0	217.8
	大船渡	OFUNATO	141 43.1	39 3.7	237.0
	熊谷	KUMAGAYA	139 23.0	36 8.8	244.2
	新庄	SHINJO	140 18.0	38 45.0	247.4
	秩父	CHICHIBU	139 4.9	35 59.5	275.9
	酒田	SAKATA	139 50.8	38 54.4	285.5
	館山	TATEYAMA	139 52.1	34 59.0	285.9
	宮古	MIYAKO	141 58.1	39 38.7	301.1
	盛岡	MORIOKA	141 10.6	39 41.7	313.7
	網代	AJIRO	139 5.8	35 2.6	330.9
	甲府	KOFU	138 33.4	35 39.9	334.0
	帯広	OBIHIRO	143 13.0	42 55.2	674.0
Ⅰ	山形	YAMAGATA	140 20.9	38 15.2	202.4
	前橋	MAEBASHI	139 3.9	36 24.1	262.7
	軽井沢	KARUIZAWA	138 33.0	36 20.3	309.2
	河口湖	KAWAGUCHIKO	138 45.8	35 29.9	326.3
	高田	TAKADA	138 15.0	37 6.3	327.6
	長野	NAGANO	138 11.7	36 39.6	334.3
	三島	MISHIMA	138 55.8	35 6.7	337.9
	秋田	AKITA	140 6.0	39 43.1	348.1
	三宅島	MIYAKEJIMA	139 31.0	34 7.0	382.3
	飯田	IIDA	137 50.2	35 30.6	400.3
	輪島	WAJIMA	136 53.9	37 23.4	449.0
	八丈島	HACHIJOJIMA	139 47.3	33 6.1	468.9
	浦河	URAKAWA	142 46.9	42 9.5	584.9
	森	MORI	140 34.3	42 6.2	586.1

TOTAL STATION NUMBER : 39
NO DISPLAY STATION NUMBER : 0

Figure 4-2-7 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 87007

Table 4-8 (1) ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

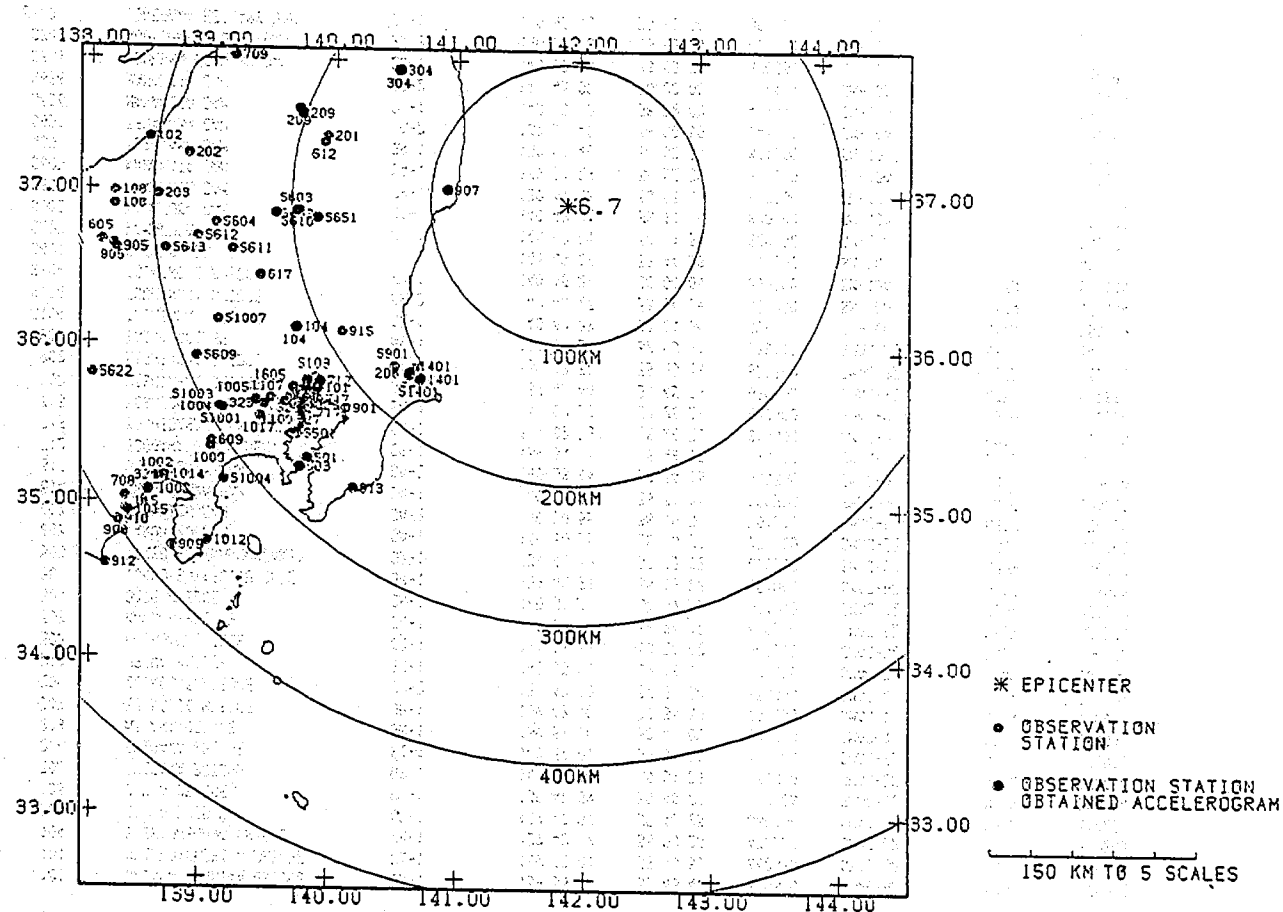
EARTHQUAKE NUMBER	87008
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1987.02.06 22:16 (JAPAN STANDARD TIME)
EPICENTRAL REGION	E OFF FUKUSHIMA PREF
HYPOCENTER	
EAST LONGITUDE	141 53.8'
NORTH LATITUDE	36 57.7'
FOCAL DEPTH	35 KM
MAGNITUDE	6.7 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
101	GR-1	75	223	5	3	8						
101	PI-1	33	224	8	3	14						
104	GR-1	56	216	9	3	9						
106	GR-1	56	227	1	2	1						
106	PI-1	63	227	2	3	19						
206	GR-1	50	167	25	8	30	33.3	-6.3	-29.5	1268	1269	1270
206	PI-1	18	167	38	8	23						
208	GR-1	3	266	0	0	0						
209	GR-1	2	205	0	0	0						
209	GR-2	1	205	0	0	0						
210	GR-1	8	274	0	0	0						
302	GR-1	41	172	13	4	14						
303	GR-1	32	223	7	4	7						
304	GR-1	52	154	7	3	10						
501	GR-1	135	262	4	4	4						
503	GR-1	68	271	3	4	0						
607	DA-1	23	163	20	18	20						
607	DA-2	24	163	60	25	88						
614	DA-1	4	209	0	0	0						
614	DA-2	5	209	50	20	20						
712	GR-1	9	219	25	15	15						
713	GR-1	5	180	105	55	85	-97.8	-52.9	88.2	1271	1272	1273
713	BK-1	5	180	40	20	70						
902	GR-1	62	231	16	5	10						
902	PI-1	63	231	14	3	11						
907	AB-1	54	88	29	14	25						
S104	GR-1	7	156	72	38	120	-74.4	-39.2	-120.8	1274	1275	1276
S104	GR-2	7	156	42	11	40	-43.0	-11.8	-40.6	1277	1278	1279
S104	FU-1	7	156	36	16	50	-45.5	-15.3	58.7	1280	1281	1282
S601	DA-2	6	316	9	3	9						
S602	GR-1	1	173	9	14	19						
S602	DA-1	2	173	22	12	38						
S603	GR-1	1	195	0	0	0						
S603	DA-1	4	211	12	7	39						
S651	GR-1	1	181	7	5	7						
S651	DA-2	4	181	18	11	19						
S656	DA-1	7	187	20	15	15						
S656	DA-2	7	187	46	28	62						

Table 4-8 (2) ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S701	ES-1	5	154	84	22	41						
S701	ES-2	3	154	65	13	33						
S1401	GR-1	5	164	22	8	21						

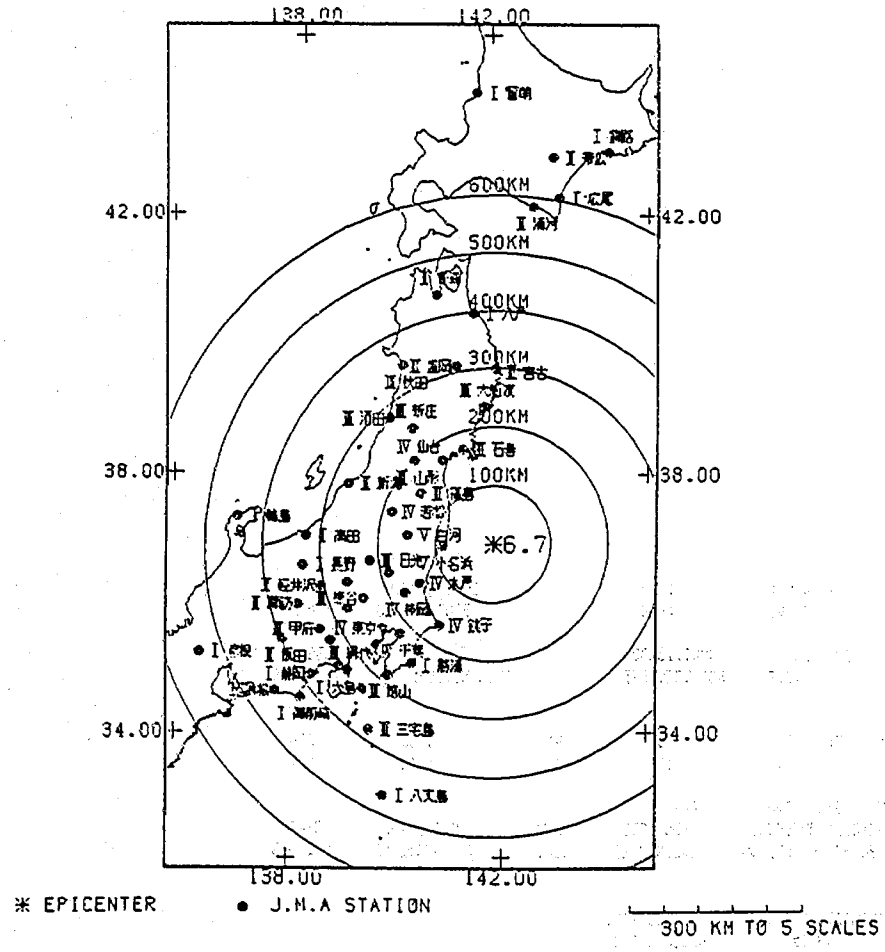
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
101	SHINKATSUSHIKA BRIDGE	GR-1	139 53 18	35 45 47	660330	SMAC-B2	N00E	070096
101	SHINKATSUSHIKA BRIDGE	PI-1	139 53 01	35 45 51	660330	SMAC-B2	N08E	070095
104	SHINTONEGAWA BRIDGE	GR-1	139 42 12	36 08 26	670220	SMAC-B2	S60E	140205
106	SOUKA BRIDGE	GR-1	139 47 59	35 48 23	680306	SMAC-B2	N35E	310233
106	SOUKA BRIDGE	PI-1	139 47 59	35 48 23	680306	SMAC-B2	N35E	310234
206	OMIGAWA BRIDGE	GR-1	140 37 01	35 51 25	730300	SMAC-E2	N50W	030084
206	OMIGAWA BRIDGE	PI-1	140 37 01	35 51 50	730300	SMAC-E2	N50W	030083
208	MIKAWA BRIDGE	GR-1	139 51 10	38 44 00	800300	SMAC-Q	S70W	000000
209	ZUIKOUJI BRIDGE	GR-1	139 42 10	37 33 30	730300	SMAC-Q	S40W	010007
209	ZUIKOUJI BRIDGE	GR-2	139 42 10	37 33 30	730300	SMAC-Q	S40W	010009
210	HEIWA BRIDGE	GR-1	140 55 00	39 18 18	700300	SMAC-D	N60W	061736
302	KAIHOKU BRIDGE	GR-1	141 18 46	38 26 42	660300	SMAC-B2	N30E	038576
303	KAHOKU BRIDGE	GR-1	140 09 58	38 26 17	650300	SMAC-B2	S80W	038530
304	DATE BRIDGE	GR-1	140 31 13	37 49 05	651010	SMAC-B2	S60W	038562
501	TOKYO BAY(FUTTU CAPE)	GR-1	139 48 21	35 18 28	651000	SMAC-B2	N00S	038558
503	TOKYO BAY(KANNONZAKI)	GR-1	139 44 49	35 15 02	670300	SMAC-B2	N90W	140207
607	TARUMIZU DAM	DA-1	140 50 55	38 10 30	751200	SMAC-E2	N35W	000000
607	TARUMIZU DAM	DA-2	140 50 55	38 10 30	751200	SMAC-E2	N35W	030189
614	URUSHIZAWA DAM	DA-1	140 38 44	38 34 16	800300	SMAC-Q	N00E	000000
614	URUSHIZAWA DAM	DA-2	140 38 44	38 34 16	800300	SMAC-Q	N00E	000000
712	EDOGAWA EMBANKMENT	GR-1	139 54 15	35 48 15	790400	SMAC-Q	S00E	000000
713	YOSHIDAGAWA EMBANKMENT	GR-1	141 02 33	38 26 26	810400	SMAC-Q	N90W	000000
713	YOSHIDAGAWA EMBANKMENT	BK-1	141 02 33	38 26 26	810400	SMAC-Q	N90W	000000
902	NISHIARAI BRIDGE	GR-1	139 47 46	35 45 06	620300	SMAC-B2	N03E	037889
902	NISHIARAI BRIDGE	PI-1	139 47 34	35 45 18	620300	SMAC-B2	N03E	037890
907	TAIRA BRIDGE	AB-1	140 54 38	37 03 11	680118	SMAC-B2	N30W	140203
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
S601	SHIJUSHIDA DAM	DA-2	141 09 07	39 44 58	811200	SM-10		000000
S602	KAMAFUSA DAM	GR-1	140 42 01	38 11 56	820400	SM-10A		000000
S602	KAMAFUSA DAM	DA-1	140 42 01	38 11 56	820400	SM-10A		000000
S603	KAWAMATA DAM	GR-1	139 41 48	36 53 45	820000	SM-10A		000000
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S651	TERAYAMA DAM	GR-1	139 51 40	36 50 55	841000	SM-10A		000000
S651	TERAYAMA DAM	DA-2	139 51 40	36 50 55	841000	SM-10A		000000
S656	NANAKITA DAM	DA-1	140 43 00	38 22 00	******	SM-10A		******
S656	NANAKITA DAM	DA-2	140 43 00	38 22 00	******	SM-10A		******
S701	ABUKUMA ESTUARY DAM	ES-1	140 52 38	38 05 34	830331	SM-10		000000
S701	ABUKUMA ESTUARY DAM	ES-2	140 52 38	38 05 34	830331	SM-10		000000
S1401	TONEGAWA ESTUARY DAM	GR-1	140 42 10	35 49 50	000000	SM-10A		000000



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1987.02.06 22:16(JAPAN STANDARD TIME)
EPICENTRAL REGION	E OFF FUKUSHIMA PREF
HYPOCENTER	
EAST LONGITUDE	141°53'8"
NORTH LATITUDE	36°57'7"
FOCAL DEPTH	35KM
MAGNITUDE	6.7(J.M.A. MAGNITUDE)

Figure 4-1-8 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 87008



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1987.02.06 22:16(JAPAN STANDARD TIME)
EPICENTRAL REGION E OFF FUKUSHIMA PREF
HYPOCENTER
EAST LONGITUDE 141°53'8"
NORTH LATITUDE 36°57'7"
FOCAL DEPTH 35KM
MAGNITUDE 6.7(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME		EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
V	小名浜	ONAHAMA	140 54.4	36 56.7	68.0
	白河	SHIRAKAWA	140 13.5	37 7.1	149.4
IV	水戸	MITO	140 28.3	36 22.7	142.7
	銚子	CHOSHI	140 50.6	35 43.5	166.7
	仙台	SENDAI	140 54.0	38 15.6	168.9
	柿岡	KAKIOKA	140 11.6	36 13.9	172.4
	若松	WAKAMATSU	139 55.0	37 29.0	184.6
	宇都宮	UTSUNOMIYA	139 52.3	36 32.8	186.2
	千葉	CHIBA	140 6.0	35 36.0	221.0
	東京	TOKYO	139 45.5	35 41.2	238.3
	横浜	YOKOHAMA	139 39.4	35 26.2	262.9
II	福島	FUKUSHIMA	140 28.5	37 45.4	153.6
	石巻	ISHINOMAKI	141 18.2	38 25.5	170.8
	山形	YAMAGATA	140 20.9	38 15.2	188.0
	日光	NIKKO	139 30.0	36 44.0	214.7
	大船渡	OFUNATO	141 43.1	39 3.7	233.9
	熊谷	KUMAGAYA	139 23.0	36 8.8	242.1
	新庄	SHINJO	140 18.0	38 45.0	243.2
	前橋	MAEBASHI	139 3.9	36 24.1	260.0
	秩父	CHICHIBU	139 4.9	35 59.5	273.6
	酒田	SAKATA	139 50.8	38 54.4	281.1
	館山	TATEYAMA	139 52.1	34 59.0	285.8
	宮古	MIYAKO	141 58.1	39 38.7	293.3
	盛岡	MORIOKA	141 10.6	39 41.7	310.2
	河口湖	KAWAGUCHIKO	138 45.8	35 29.9	324.7
	網代	AJIRO	139 5.8	35 2.6	330.0
	甲府	KOFU	138 33.4	35 39.9	332.1
	秋田	AKITA	140 6.0	39 43.1	344.1
	三宅島	MIYAKEJIMA	139 31.0	34 7.0	382.6
I	新潟	NIIGATA	139 3.1	37 54.6	272.4
	軽井沢	KARUIZAWA	138 33.0	36 20.3	306.4
	三島	MISHIMA	138 55.8	35 6.7	336.8
	諏訪	SUWA	138 7.0	36 3.0	352.6
	飯田	IIDA	137 50.2	35 30.6	398.2
	青森	AOMORI	140 46.9	40 49.2	439.6
	浦河	URAKAWA	142 46.9	42 9.5	582.6
	帯広	OBIHIRO	143 13.0	42 55.2	671.8
I	勝浦	KATSUURA	140 19.0	35 9.0	246.4
	高田	TAKADA	138 15.0	37 6.3	324.0
	長野	NAGANO	138 11.7	36 39.6	331.2

TOTAL STATION NUMBER : 51
NO DISPLAY STATION NUMBER : 11

Figure 4-2-8 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 87008

Table 4−9 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	87009
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1987.02.13 19:01 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	141 3.8'
	NORTH LATITUDE	36 37.1'
	FOCAL DEPTH	48 KM
	MAGNITUDE	5.2 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
304	PI-1	49	141	11	4	16						
907	GR-1	145	50	14	12	17						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
304	DATE BRIDGE	PI-1	140 30 48	37 48 59	651010	SMAC-B2	S60W	038561
907	TAIRA BRIDGE	GR-1	140 54 43	37 03 09	680113	SMAC-B2	N30W	140215

Table 4−10 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	87010
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1987.02.28 15:52 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	141 45.0°
	NORTH LATITUDE	37 0.0°
	FOCAL DEPTH	31 KM
	MAGNITUDE	5.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
304	PI-1	50	141	30	9	73						
607	DA-2	25	152	10	8	13						
S104	GR-1	11	144	10	10	11						
S104	GR-2	11	144	5	0	5						
S104	PI-1	5	144	5	3	4						
S104	PI-2	9	144	9	4	7						
S104	FU-1	11	144	0	0	0						

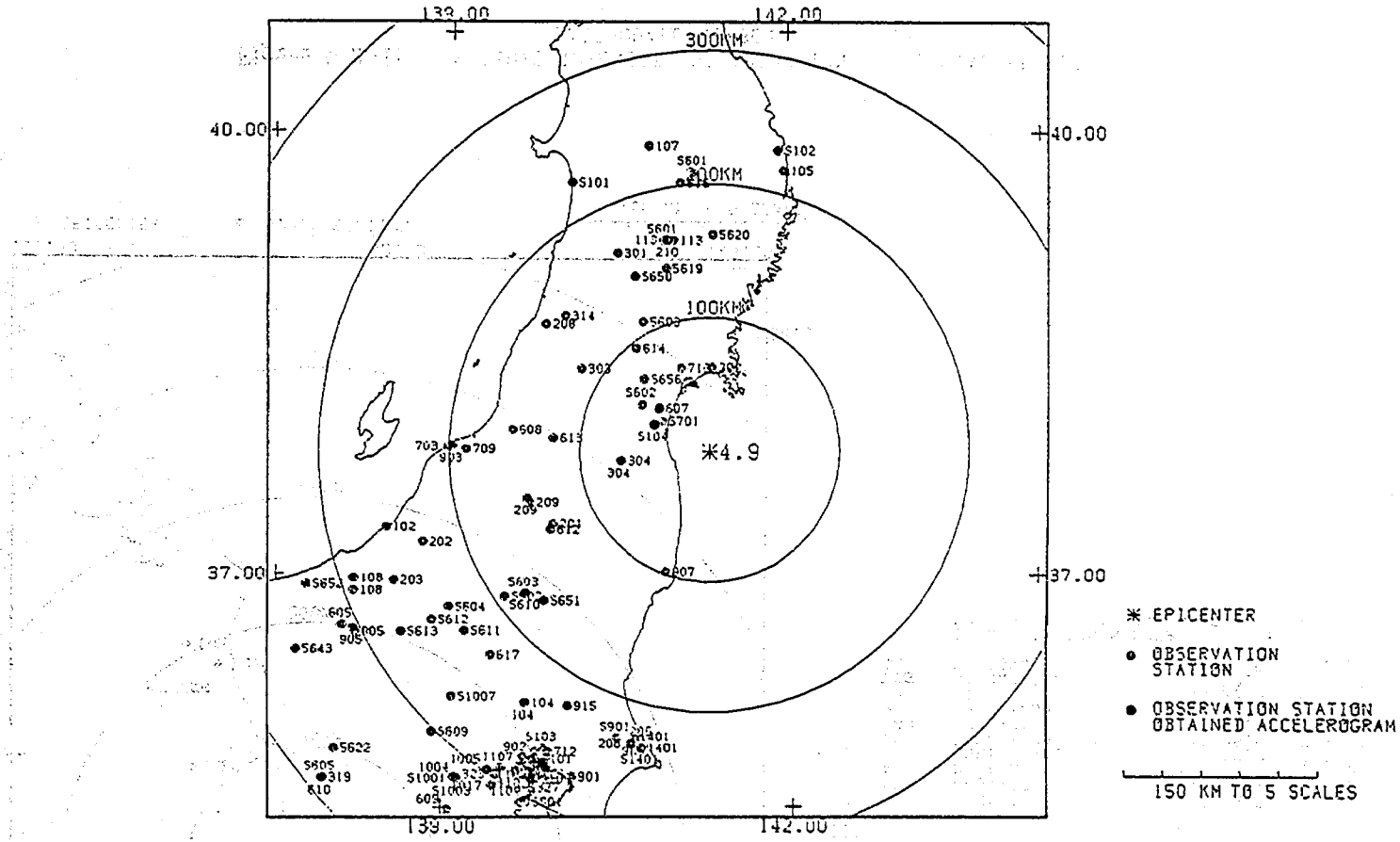
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
304	DATE BRIDGE	PI-1	140 30 48	37 48 59	651010	SMAC-B2	S60W	038561
607	TARUMIZU DAM	DA-2	140 50 55	38 10 30	751200	SMAC-E2	N35W	030189
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-1	140 48 27	38 04 04	850200	SM-10A	N67W	550146
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145

Table 4–11 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	87011
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1987.02.28 16:32 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	141 17.5'
	NORTH LATITUDE	37 52.9'
	FOCAL DEPTH	79 KM
	MAGNITUDE	4.9 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
607	DA-2	26	50	5	0	8						
S104	GR-1	12	47	31	10	41	-25.3	9.4	41.8	1283	1284	1285
S104	GR-2	12	47	13	8	16						
S104	PI-1	6	47	13	7	20						
S104	PI-2	10	47	12	11	11						
S104	FU-1	12	47	8	5	8						

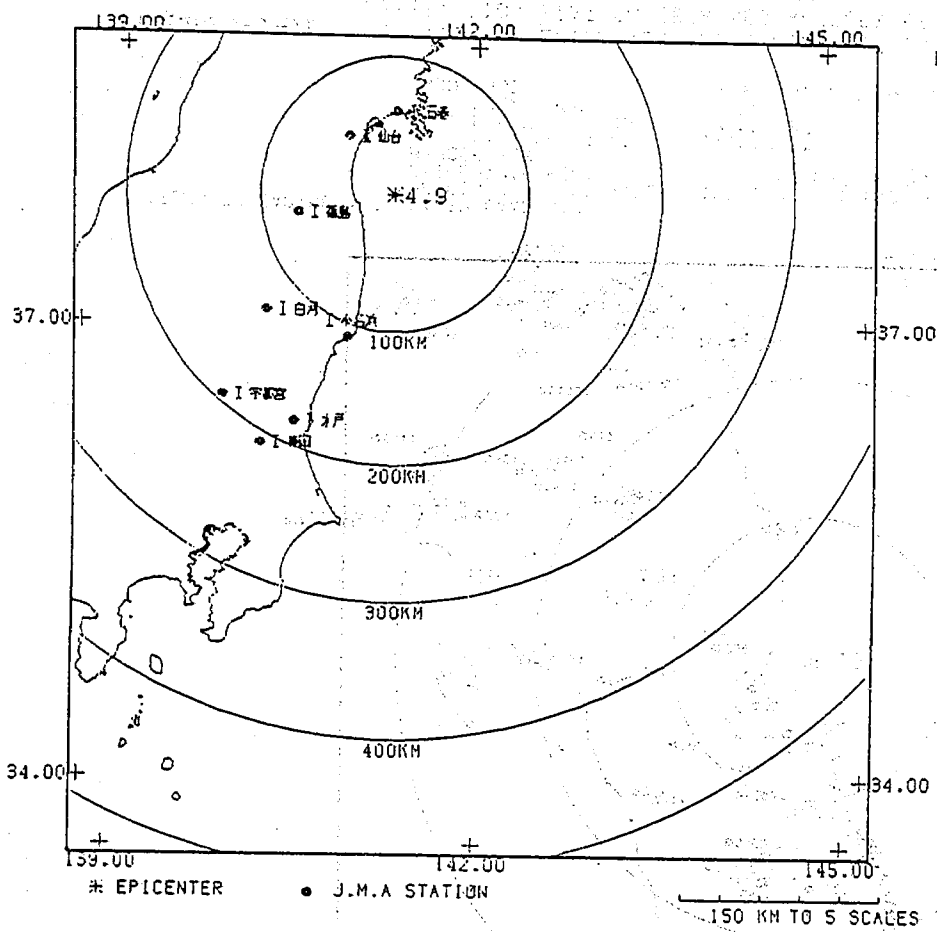
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
607	TARUMIZU DAM	DA-2	140 50 55	38 10 30	751200	SMAC-E2	N35W	030189
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-1	140 48 27	38 04 04	850200	SM-10A	N67W	550146
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1987.02.28 18:32(JAPAN STANDARD TIME)
EPICENTRAL REGION	E OFF FUKUSHIMA PREF
HYPOCENTER	
EAST LONGITUDE	141°17'5"
NORTH LATITUDE	37°52'9"
FOCAL DEPTH	79KM
MAGNITUDE	4.9(J.M.A. MAGNITUDE)

Figure 4-1-11 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 87011



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1987.02.28 16:32(JAPAN STANDARD TIME)
EPICENTRAL REGION E OFF FUKUSHIMA PREF
HYPOCENTER
EAST LONGITUDE 141°17'5"
NORTH LATITUDE 37°52'9"
FOCAL DEPTH 79KM
MAGNITUDE 4.9(J.M.A. MAGNITUDE)

SEIMIC INTEN SITY		J.M.A. STATION NAME	EAST LONGI TUDE	NORTH LATI TUDE	EPICENTRAL DISTANCE (KM)
I	山形	SENDAI	140 54.0	36 15.5	54.3
	大船渡	OFUNATO	141 43.1	39 3.7	136.3
	宮古	MIYAKO	141 58.1	39 38.7	204.6
I	石巻	ISHINOMAKI	141 18.2	38 25.5	60.4
	福島	FUKUSHIMA	140 28.5	37 45.4	73.1
	小名浜	ONAHAHA	140 54.4	36 56.7	109.5
	白河	SHIRAKAWA	140 15.5	37 7.1	126.7
	水戸	MITO	140 28.3	36 22.7	182.2
	宇都宮	UTSUNOMIYA	139 52.3	36 32.8	194.5
	熊谷	KAKIOKA	140 11.6	36 13.9	207.7

TOTAL STATION NUMBER : 10
NO DISPLAY STATION NUMBER : 0

Figure 4-2-11 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 87011

Table 4−12 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	87012
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1987.03.01 16:48 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	141 41.2'
	NORTH LATITUDE	37 17.7'
	FOCAL DEPTH	54 KM
	MAGNITUDE	4.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
S104	GR-1	13	115	7	5	8						
S104	GR-2	13	115	9	0	7						
S104	PI-1	7	115	5	0	5						
S104	PI-2	11	115	11	4	7						
S104	FU-1	13	115	5	0	7						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA.	MACHINE NUMBER
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-1	140 48 27	38 04 04	850200	SM-10A	N67W	550146
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145

Table 4-13 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	87013
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1987.03.10 12:24 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	141 49.7'
	NORTH LATITUDE	36 57.2'
	FOCAL DEPTH	29 KM
	MAGNITUDE	5.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
607	DA-1	24	160	0	0	0						
607	DA-2	27	160	13	8	15						
S104	GR-1	14	153	8	5	12						
S104	GR-2	14	153	0	0	0						
S104	PI-1	8	153	5	4	5						
S104	PI-2	12	153	9	0	8						
S104	FU-1	14	153	7	0	7						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
607	TARUMIZU DAM	DA-1	140 50 55	38 10 30	751200	SMAC-E2	N35W	000000
607	TARUMIZU DAM	DA-2	140 50 55	38 10 30	751200	SMAC-E2	N35W	030189
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-1	140 48 27	38 04 04	850200	SM-10A	N67W	550146
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145

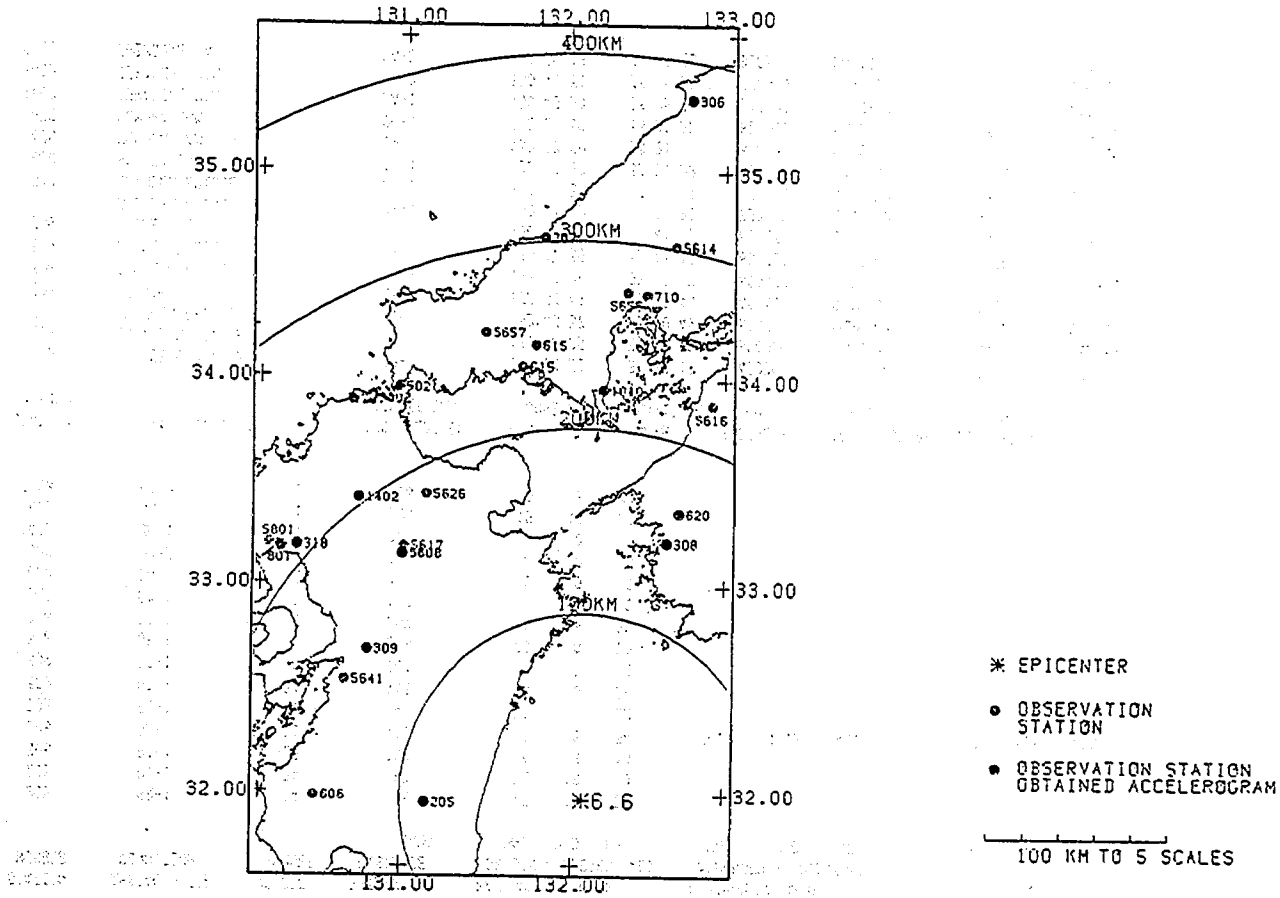
Table 4–14 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	87014
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1987.03.18 12:36 (JAPAN STANDARD TIME)
EPICENTRAL REGION	HYUGANADA REGION
HYPOCENTER	
EAST LONGITUDE	132 3.8'
NORTH LATITUDE	31 58.2'
FOCAL DEPTH	48 KM
MAGNITUDE	6.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
205	GR-1	14	86	27	16	27						
205	PI-1	24	87	73	18	0						
306	PI-1	25	380	4	3	13						
308	GR-1	16	145	21	8	34	30.5	11.2	42.8	1286	1287	1288
308	PI-1	22	145	51	6	32						
309	GR-1	21	143	18	6	26						
309	PI-1	20	143	34	7	24						
318	GR-1	4	208	20	8	20						
318	PI-1	3	209	58	8	55						
620	DA-1	2	163	0	0	0						
620	DA-2	2	163	0	0	0						
620	DA-3	2	163	0	0	0						
1402	DA-1	1	204	0	0	5						
1402	DA-2	1	204	15	13	20						
S608	DA-2	2	166	10	6	30						

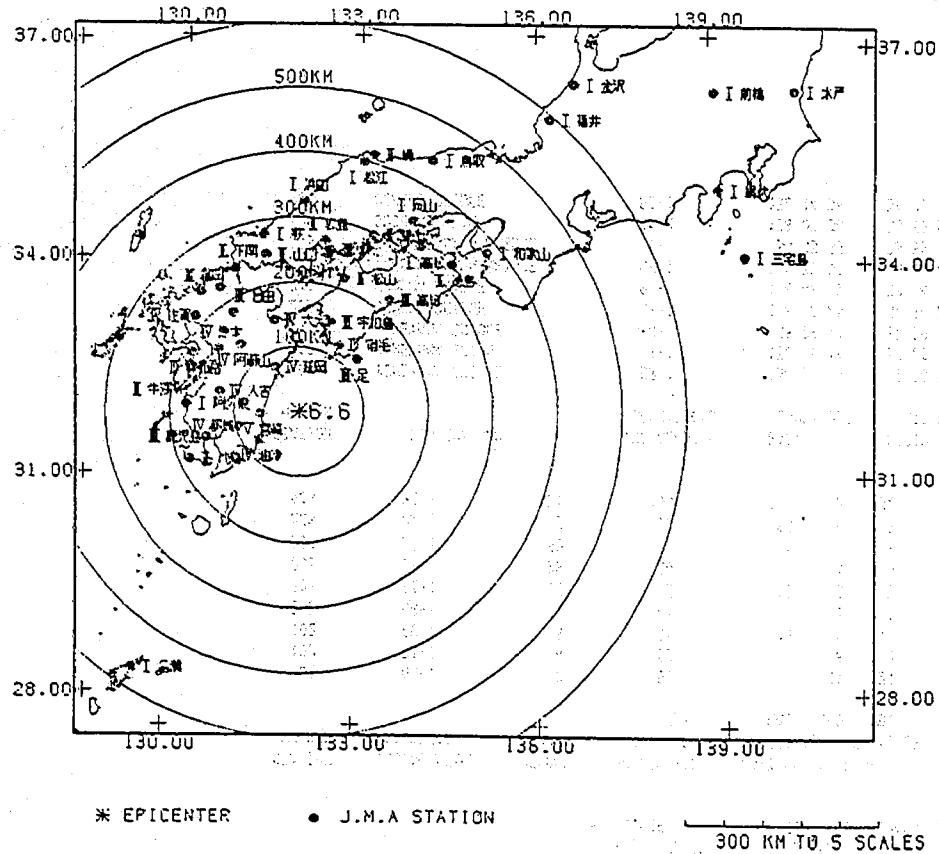
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
205	ISHISETO BRIDGE	GR-1	131 08 30	31 57 19	650300	SMAC-B2	S45W	038540
205	ISHISETO BRIDGE	PI-1	131 08 25	31 57 18	650300	SMAC-B2	N45E	038539
306	MYOUKEN BRIDGE	PI-1	132 43 37	35 20 49	670300	SMAC-B2	N15W	070147
308	ITAJIMA BRIDGE	GR-1	132 33 41	33 12 46	650400	SMAC-B2	S10E	038553
308	ITAJIMA BRIDGE	PI-1	132 33 24	33 12 53	650400	SMAC-B2	S10E	038554
309	OTOME BRIDGE	GR-1	130 47 30	32 41 12	650331	SMAC-B2	N10E	038537
309	OTOME BRIDGE	PI-1	130 47 32	32 41 19	650331	SMAC-B2	N40E	038536
318	SHINDEN BRIDGE	GR-1	130 21 52	33 11 20	730325	SMAC-E2	S85E	030085
318	SHINDEN BRIDGE	PI-1	130 21 38	33 11 29	730325	SMAC-E2	S85E	030086
620	NOMURA DAM	DA-1	132 37 59	33 21 22	820300	SMAC-Q	S30E	000000
620	NOMURA DAM	DA-2	132 37 59	33 21 22	820300	SMAC-Q		000000
620	NOMURA DAM	DA-3	132 37 59	33 21 22	820300	SMAC-Q	S30E	000000
1402	TERAUCHI DAM	DA-1	130 43 30	33 25 32	770300	SMAC-E2		000000
1402	TERAUCHI DAM	DA-2	130 43 30	33 25 32	770300	SMAC-E2		000000
S608	SHIMOUKE DAM	DA-2	130 59 13	33 09 23	820300	SM-10	S68E	101024



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1987.03.18 12:36(JAPAN STANDARD TIME)
EPICENTRAL REGION	HYUGANADA REGION
HYPOCENTER	
EAST LONGITUDE	132° 3'8"
NORTH LATITUDE	31°58'2"
FOCAL DEPTH	48KM
MAGNITUDE	6.6(J.M.A. MAGNITUDE)

Figure 4-1-14 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 87014



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1987.03.18 12:36(JAPAN STANDARD TIME)
EPICENTRAL REGION HYUGAWADA REGION
HYPOCENTER
EAST LONGITUDE 132° 3'8"
NORTH LATITUDE 31°58'2"
FOCAL DEPTH 48KM
MAGNITUDE 6.6(J.M.A. MAGNITUDE)

SEIMIC INTEN SITY		J.M.A. STATION NAME	EAST LONGI TUDE	NORTH LATI TUDE	EPICENTRAL DISTANCE (KM)
V	宮崎	MIYAZAKI	131 25.4	31 55.2	60.7
IV	延岡	ABURATSU	131 25.0	31 34.0	75.8
	福岡	NOBEOKA	131 39.6	32 34.7	77.5
	都城	MIYAKONOJO	131 5.0	31 44.0	96.2
	佐伯	SUKUMO	132 42.0	32 55.0	121.0
	人吉	HITOYOSHI	130 45.0	32 13.0	126.7
	阿蘇山	ASOSAN	131 4.5	32 52.6	137.0
	大分	OITA	131 37.4	33 14.0	146.3
	熊本	KUMAMOTO	130 42.6	32 46.6	157.7
	佐賀	SAGA	130 18.3	33 14.7	217.2
II	足	ASHIZURI	133 0.8	32 43.2	122.1
	宇和島	UWAJIMA	132 33.5	33 13.5	147.0
	鹿児島	KAGOSHIMA	130 33.2	31 34.4	149.4
	日田	HITA	130 56.0	33 19.0	183.3
	雲仙岳	UNZENDAKE	130 15.9	32 44.4	189.3
	高知	KOCHI	133 32.2	33 33.2	223.4
	福岡	FUKUOKA	130 22.8	33 34.8	238.3
	呉	KURE	132 33.0	34 14.0	255.6
I	佐賀	MAKURAZAKI	130 18.0	31 16.0	184.3
	牛深	USHIBUKA	130 2.0	32 12.0	192.9
	松山	MATSUYAMA	132 46.8	33 50.4	218.3
	下関	SHIMONOSEKI	130 55.7	33 56.7	243.7
	山口	YAMAGUCHI	131 27.0	34 9.0	249.0
	広島	HIROSHIMA	132 26.2	34 21.8	268.3
	福山	FUKUYAMA	133 15.0	34 27.0	296.9
	多度津	TADOTSU	133 45.0	34 16.0	299.7
	徳島	TOKUSHIMA	134 34.6	34 3.9	330.3
	堺	SAKAI	133 14.0	35 35.0	412.3
I	阿久根	AKUNE	130 12.0	32 1.0	175.8
	飯塚	IIZUKA	130 42.0	33 39.0	226.0
	萩	HAGI	131 24.0	34 25.0	278.9
	高松	TAKAMATSU	134 3.4	34 18.9	319.9
	浜田	HAMADA	132 4.4	34 53.6	324.9
	岡山	OKAYAMA	133 55.1	34 39.5	344.9
	和歌山	WAKAYAMA	135 10.0	34 13.6	382.6
	松江	MATSUE	133 4.3	35 27.3	398.4
	鳥取	TOTTORI	134 14.4	35 29.1	439.4
	名瀬	NAZE	129 29.9	28 22.6	469.4
	福井	FUKUI	136 13.6	36 3.2	594.1
	金沢	KANAZAWA	136 38.9	36 32.8	660.3

TOTAL STATION NUMBER : 44
NO DISPLAY STATION NUMBER : 4

Figure 4-2-14 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 87014

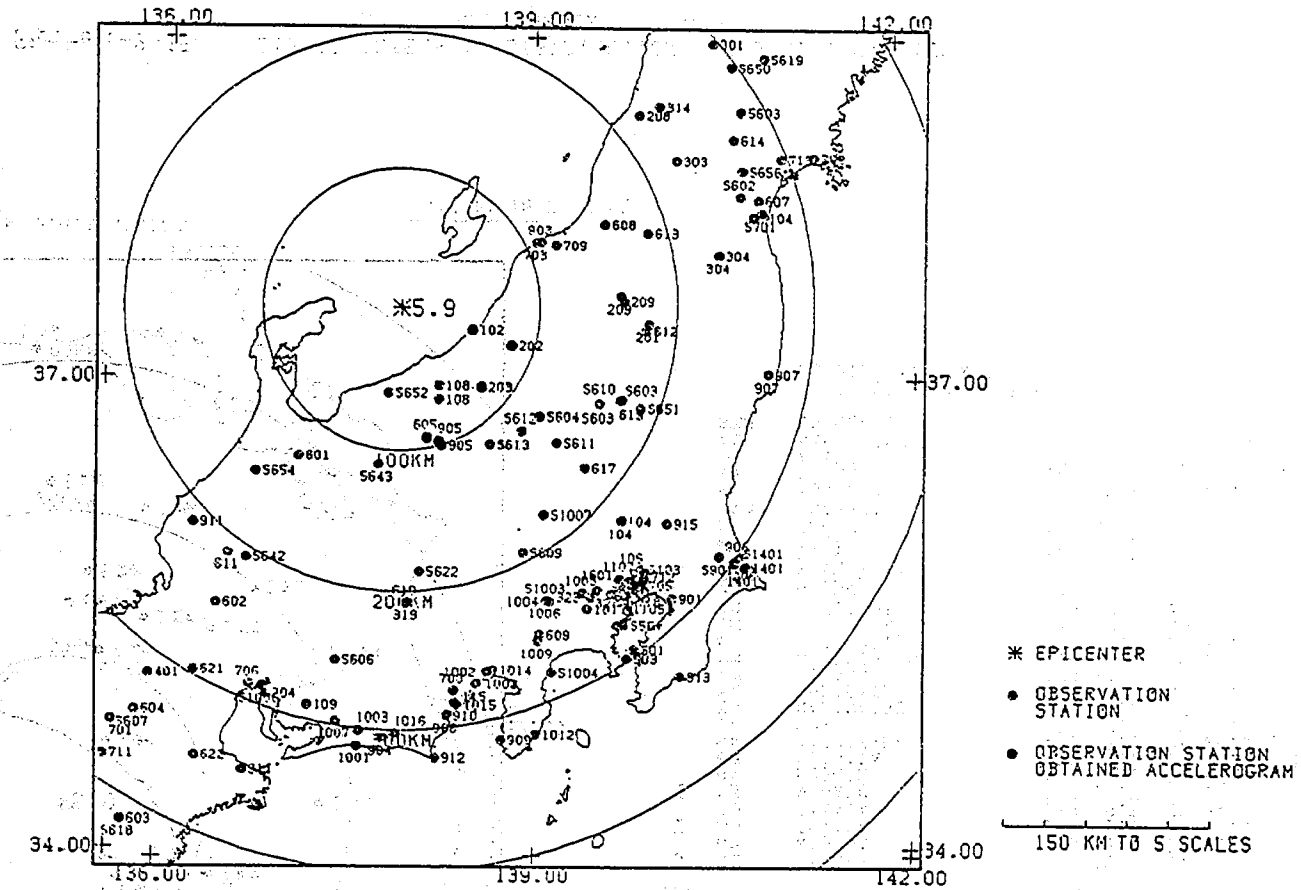
Table 4-15 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	87015
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1987.03.24 21:49 (JAPAN STANDARD TIME)
EPICENTRAL REGION	OFF S NIIGATA PREF
HYPOCENTER	
EAST LONGITUDE	137 54.4°
NORTH LATITUDE	37 28.7°
FOCAL DEPTH	22 KM
MAGNITUDE	5.9 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
102	GR-1	17	53	19	11	24						
102	PI-1	6	53	56	18	12						
102	FU-1	3	53	16	8	15						
202	GR-1	19	83	7	3	11						
202	PI-1	13	83	10	3	42						
203	GR-1	28	80	5	4	6						
203	PI-1	30	80	4	4	8						
605	DA-2	3	92	55	0	2						
905	PI-1	431	100	113	32	34	-87.0	-12.5	49.0	1289	1290	1291

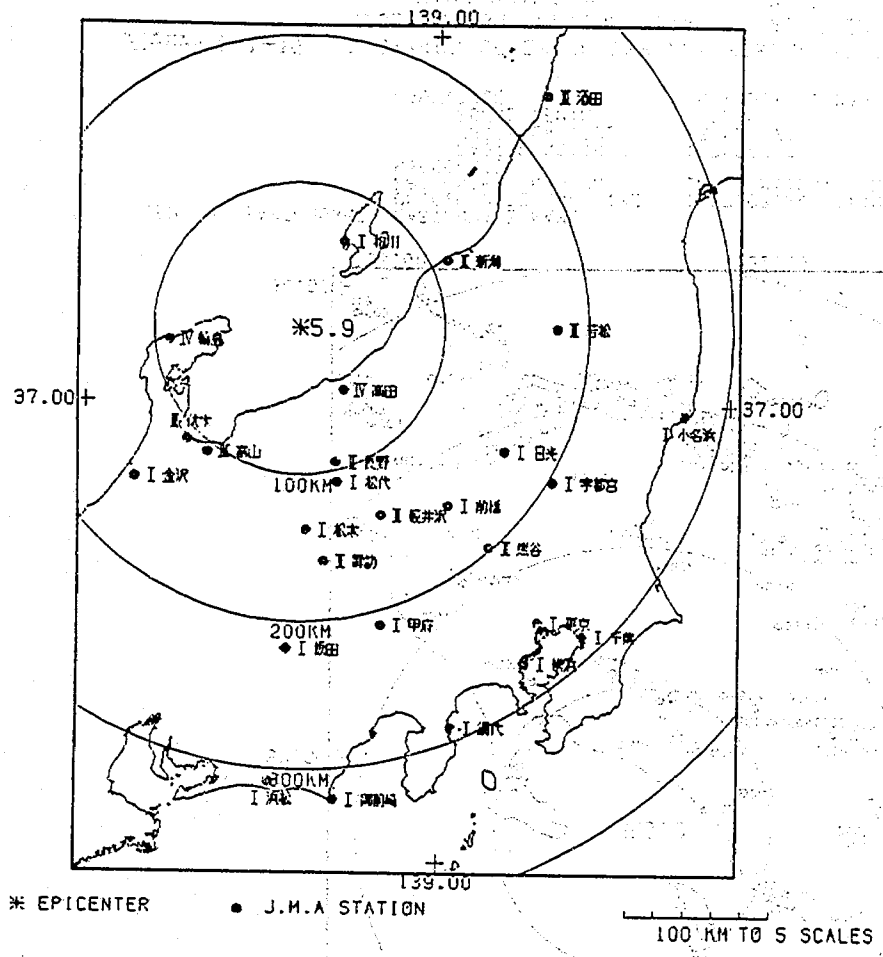
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
102	YONEYAMA BRIDGE	GR-1	138 29 14	37 20 31	660300	SMAC-B2	E55S	038560
102	YONEYAMA BRIDGE	PI-1	138 29 16	37 20 34	660700	SMAC-B2	S40E	070149
102	YONEYAMA BRIDGE	FU-1	138 29 16	37 20 34	660500	SMAC-B2	S40E	070150
202	UONUMA BRIDGE	GR-1	138 48 25	37 14 28	651200	SMAC-B2	S60E	038578
202	UONUMA BRIDGE	PI-1	138 48 29	37 14 33	651200	SMAC-B2	S65E	038577
203	YOKOKURASAWA BRIDGE	GR-1	138 33 50	36 58 47	650302	SMAC-B2	S00E	038546
203	YOKOKURASAWA BRIDGE	PI-1	138 33 53	36 58 43	650302	SMAC-B2	S03E	038545
605	SUSOBANA DAM	DA-2	138 07 36	36 39 51	691200	SMAC-Q	N75W	000000
905	OCHIAI BRIDGE	PI-1	138 14 36	36 37 04	651210	SMAC-B2	N08W	038583



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1987.03.24 21:49(JAPAN STANDARD TIME)
EPICENTRAL REGION	OFF S NIIGATA PREF
HYPOCENTER	
EAST LONGITUDE	137°54'4"
NORTH LATITUDE	37°28'7"
FOCAL DEPTH	22KM
MAGNITUDE	5.9(J.M.A. MAGNITUDE)

Figure 4-1-15 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 87015



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1987.03.24 21:49(JAPAN STANDARD TIME)
EPICENTRAL REGION OFF S NIIGATA PREF
HYPOCENTER
EAST LONGITUDE 137°54'4"
NORTH LATITUDE 37°28'7"
FOCAL DEPTH 22KM
MAGNITUDE 5.9(J.M.A. MAGNITUDE)

SEIMIC INTENSITY		J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
IV	秋田	TAKADA	138 15.0	37 6.3	51.4
	輪島	WAJIMA	136 53.9	37 23.4	89.6
II	富山	TOYAMA	137 12.3	36 42.4	106.0
	沼田	SAKATA	139 50.8	38 54.4	232.2
I	長野	NAGANO	138 11.7	36 39.6	94.5
	伏木	FUSHIKI	137 3.0	36 47.0	108.3
	新潟	NIIGATA	139 3.1	37 54.6	111.5
	軽井沢	KARUIZAWA	138 33.0	36 20.3	139.0
	諏訪	SUWA	138 7.0	36 3.0	159.9
	若松	WAKAMATSU	139 55.0	37 29.0	177.3
	熊谷	KUMAGAYA	139 23.0	36 8.8	197.9
I	旭川	AIKAWA	138 14.6	38 1.3	67.2
	松代	MATSUSHIRO	138 12.5	36 32.3	107.8
	松本	MATSUMOTO	137 58.4	36 14.6	137.4
	金沢	KANAZAWA	136 38.9	36 32.8	152.3
	前橋	MAEBASHI	139 3.9	36 24.1	157.8
	日光	NIKKO	139 30.0	36 44.0	163.7
	宇都宮	UTSUNOMIYA	139 52.3	36 32.8	202.8
	甲府	KOFU	138 33.4	35 39.9	209.8
	飯田	IIDA	137 50.2	35 30.6	218.9
	東京	TOKYO	139 45.5	35 41.2	258.8
	小名浜	ONAHAMA	140 54.4	36 56.7	272.1
	横浜	YOKOHAMA	139 39.4	35 26.2	275.6
	千葉	CHIBA	140 6.0	35 36.0	286.3
	網代	AJIRO	139 5.8	35 2.6	290.9
	浜松	HAMAMATSU	137 43.4	34 42.4	308.6
	御前崎	OMAEZAKI	138 12.8	34 36.2	320.8

TOTAL STATION NUMBER : 27
NO DISPLAY STATION NUMBER : 0

Figure 4-2-15 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 87015

5. 地震動の加速度記録

INDEX NO.の順に従い記録毎の地震動加速度の波形をFigure 5－1～Figure 5－34に示す。この波形は7章に示すディジタル数値をプロットしたものである。図中で縦軸は加速度（gal），横軸は時間（sec）であり，全ての図をとおして同縮尺で示されている。波形の上段はHA成分，中段はU－D成分，下段はHB成分であり，波形が1ページに収まらない場合には，次ページに後半部分を出力している。波形の先頭には，INDEX NUMBER, RECORD NUMBER, STATION NAME, MAXIMUM ACCELERATION, EARTHQUAKE NUMBERを示すとともに，タイトル部分にもEARTHQUAKE NUMBER, RECORD NUMBER, INDEX NUMBER示し，検策の助けとしている。

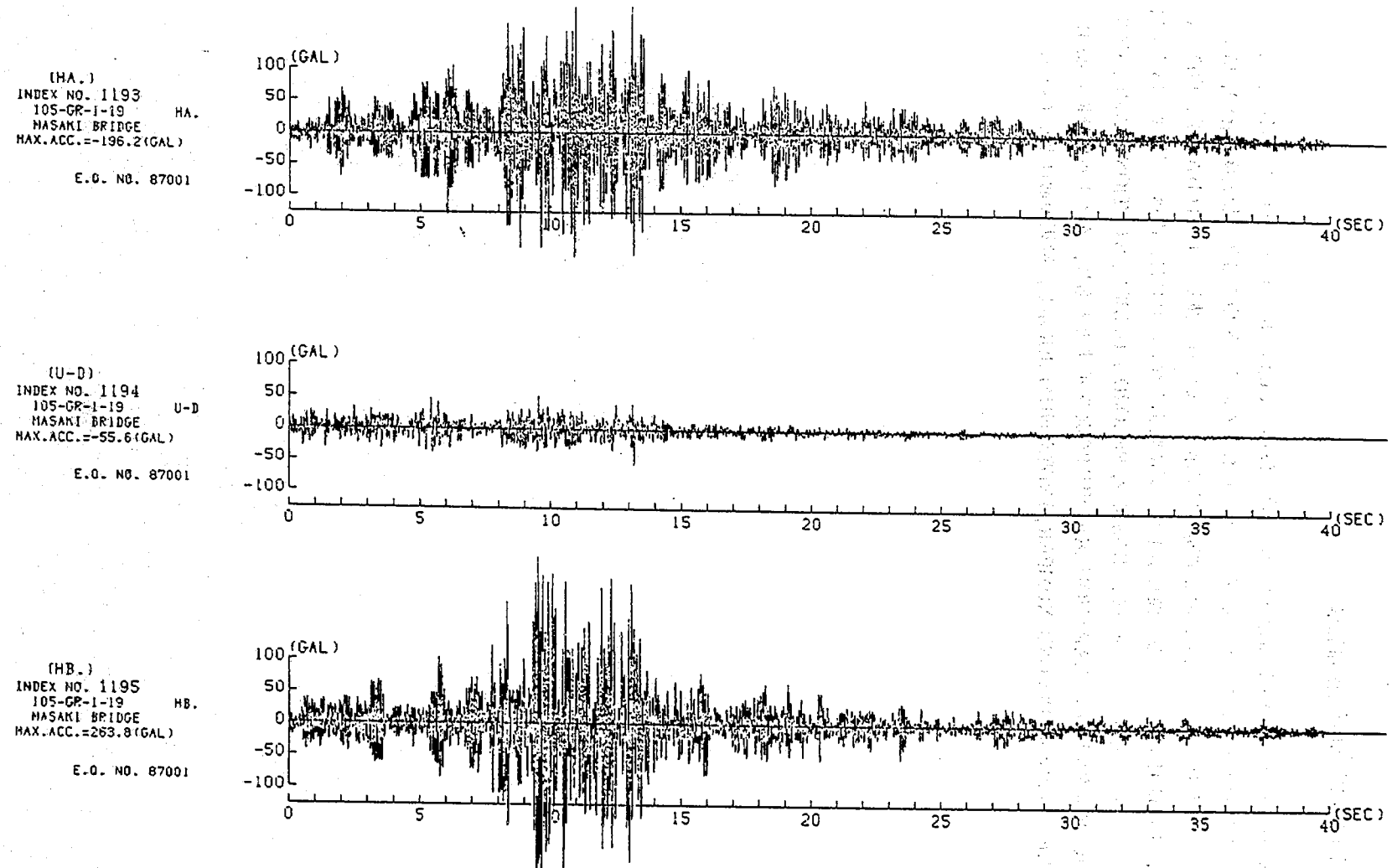


Figure 5-1-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER 105-GR-1-19
INDEX NUMBER 1193 1194 1195

(1-1)

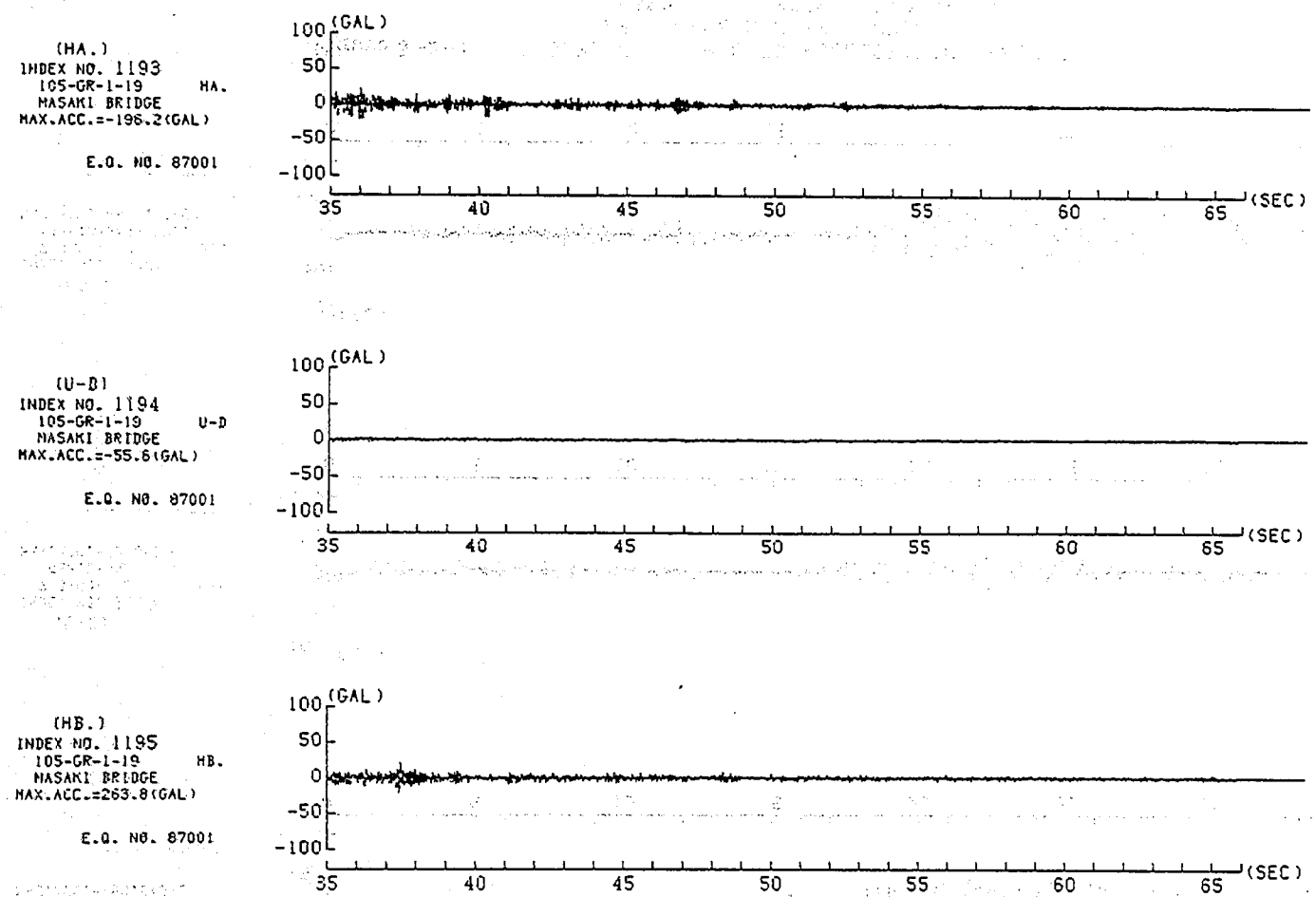


Figure 5-1-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER 105-GR-1-19
INDEX NUMBER 1193 1194 1195

(1-2)

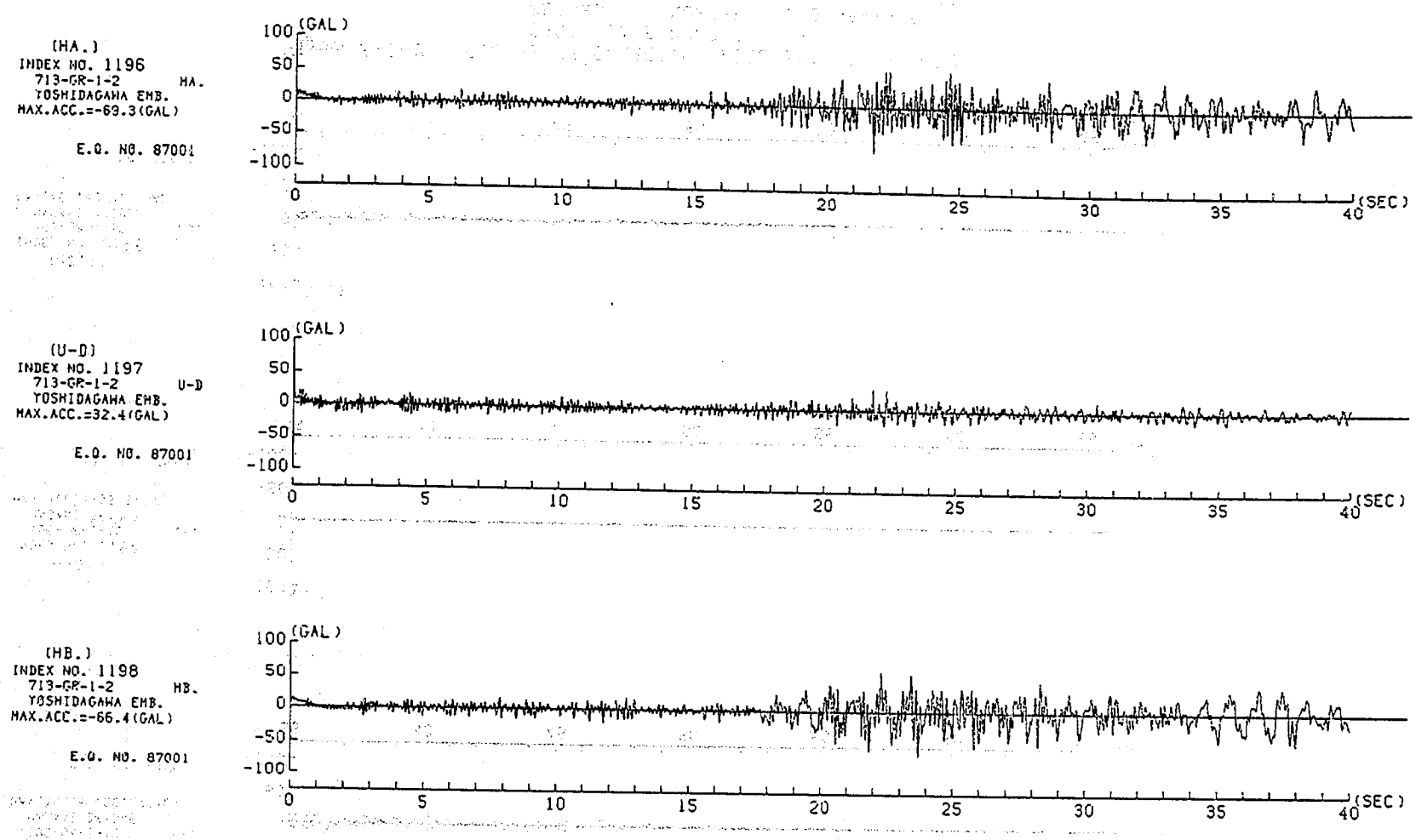


Figure 5-2-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER 713-GR-1-2
INDEX NUMBER 1196 1197 1198

(2-1)

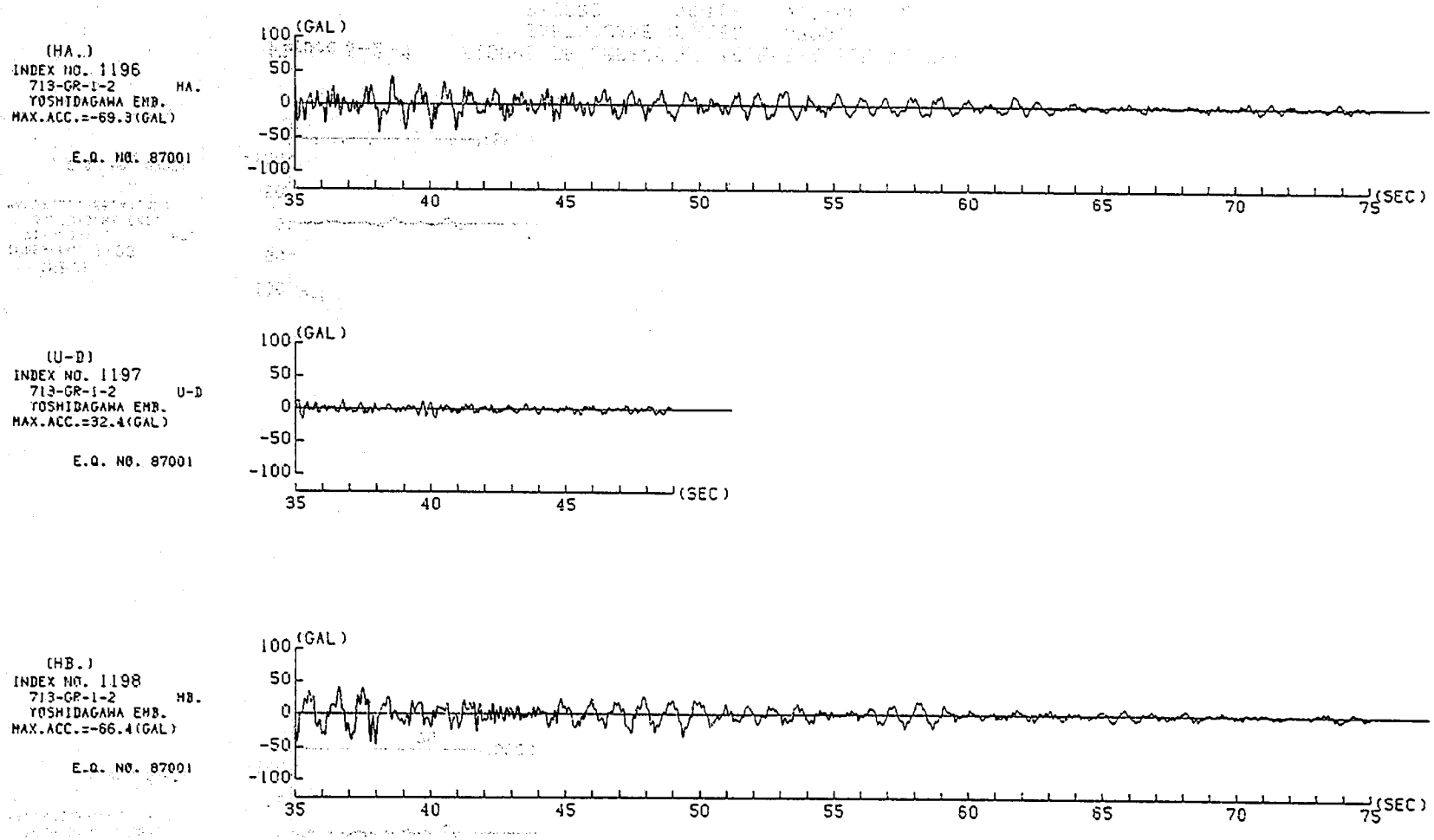
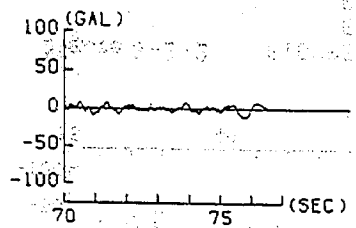


Figure 5-2-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER 713-GR-1-2
INDEX NUMBER 1196 1197 1198

(2-2)

(HA.)
INDEX NO. 1196
713-GR-1-2 HA.
YOSHIDAGAWA EMB.
MAX.ACC.=-69.3(GAL)

E.Q. NO. 87001



(HB.)
INDEX NO. 1198
713-GR-1-2 HB.
YOSHIDAGAWA EMB.
MAX.ACC.=-66.4(GAL)

E.Q. NO. 87001

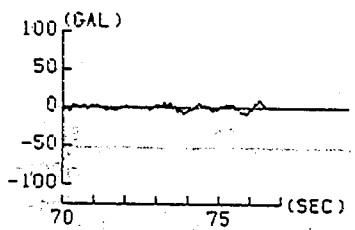


Figure 5-2-3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER 713-GR-1-2
INDEX NUMBER 1196 1197 1198

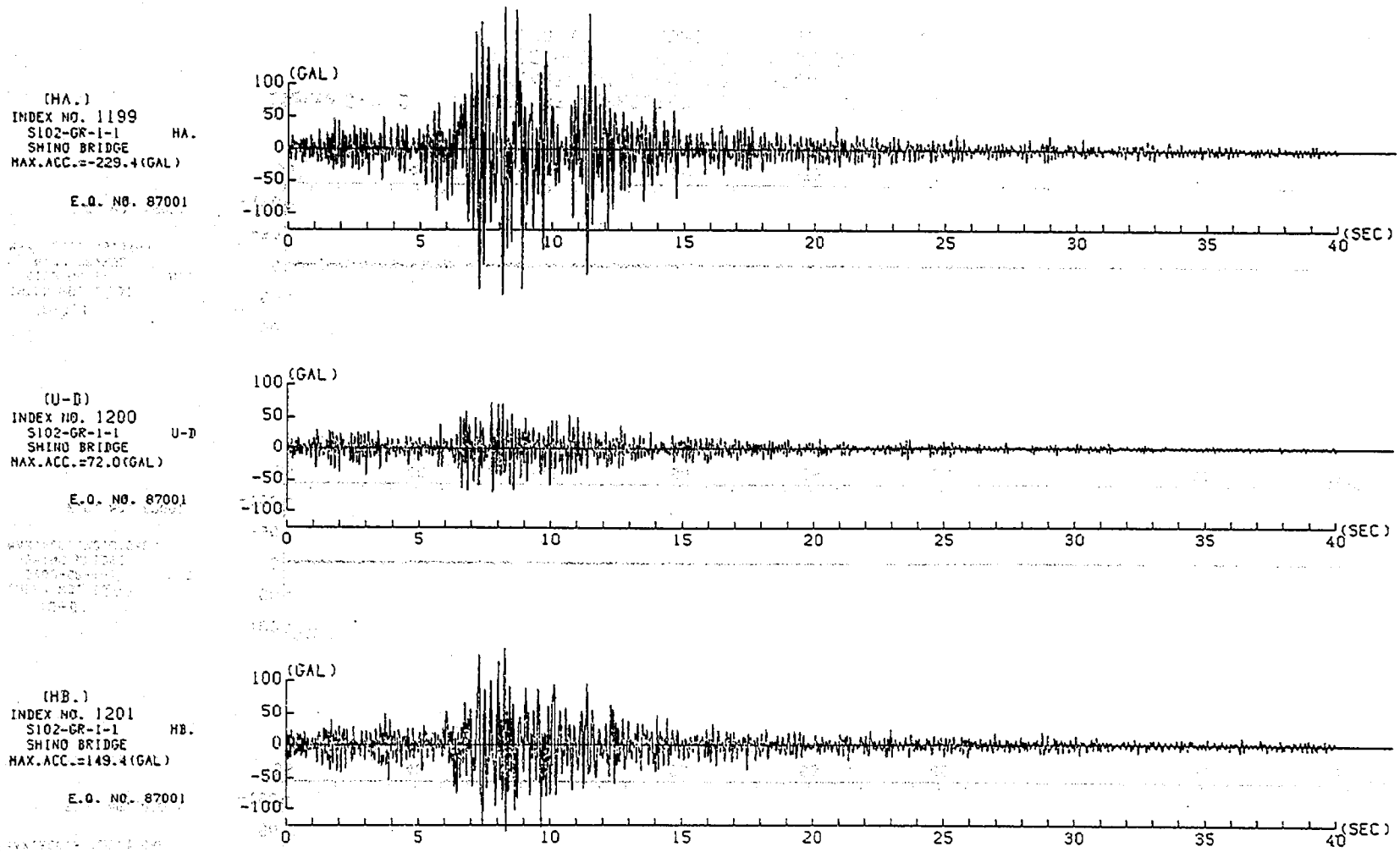


Figure 5-3-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S102-GR-1-1
INDEX NUMBER 1199 1200 1201

(3-1)

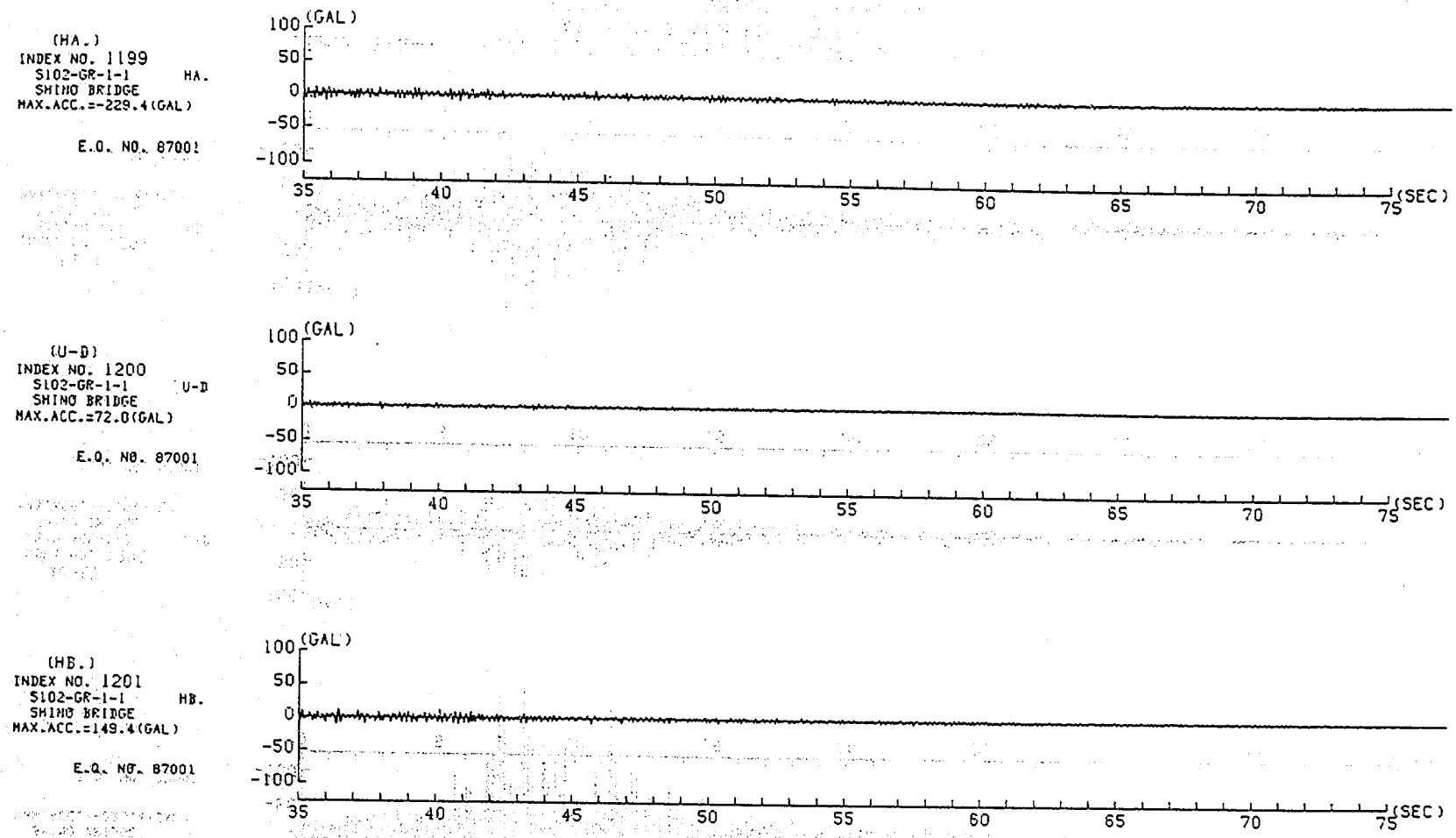


Figure 5-3-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S102-GR-1-1
INDEX NUMBER 1199 1200 1201

(3-2)

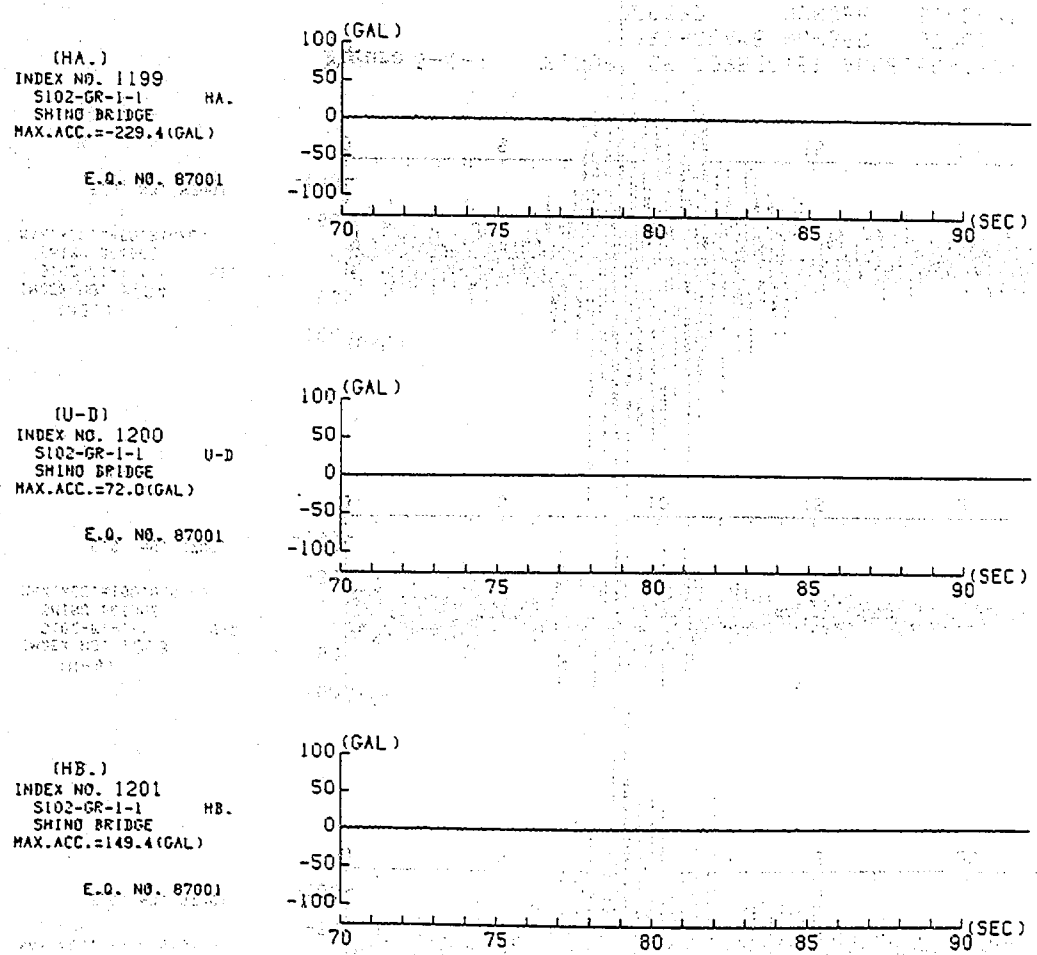


Figure 5-3-3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S102-GR-1-1
INDEX NUMBER 1199 1200 1201

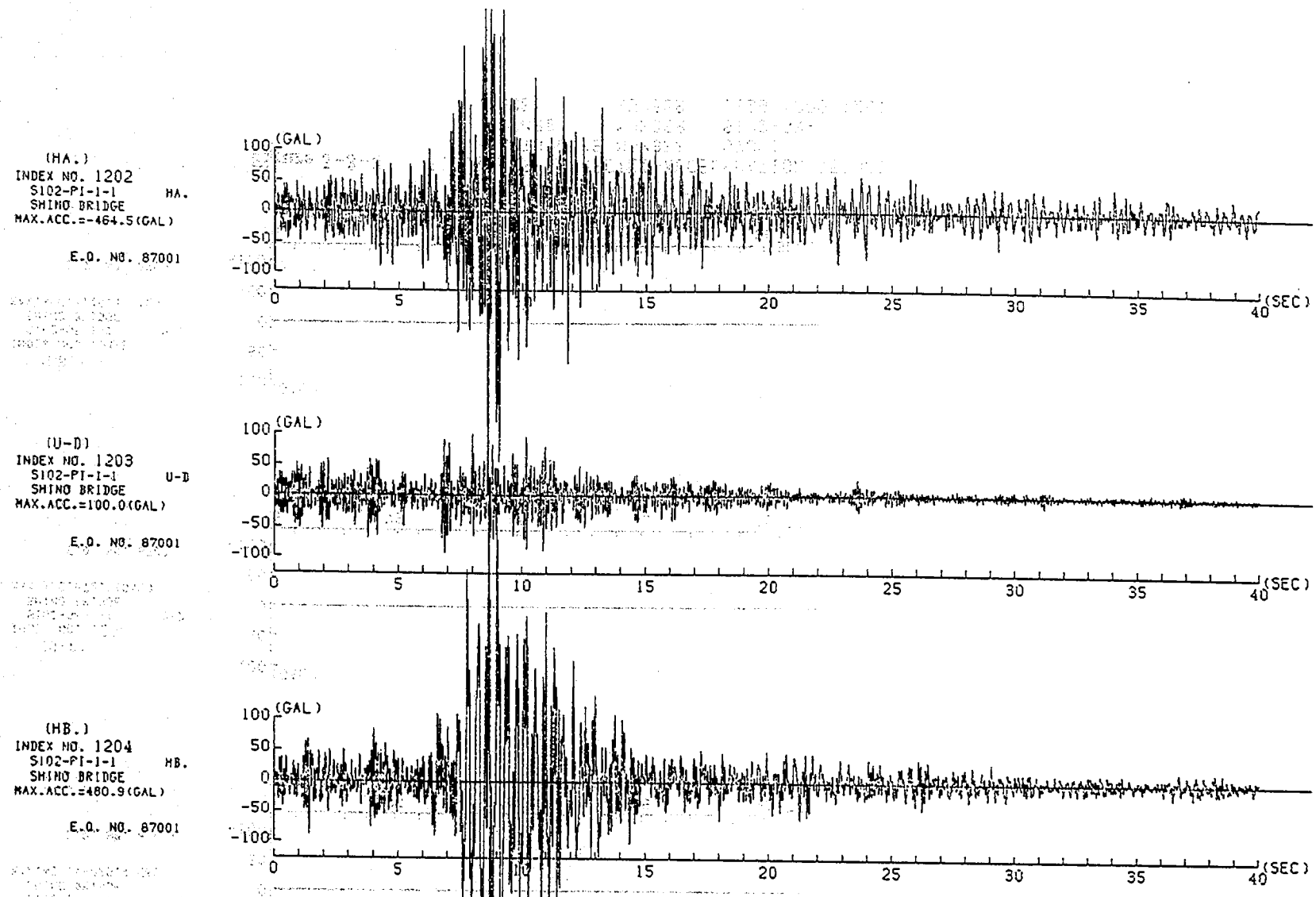


Figure 5-4-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S102-PI-1-1
INDEX NUMBER 1202 1203 1204

(4-1)

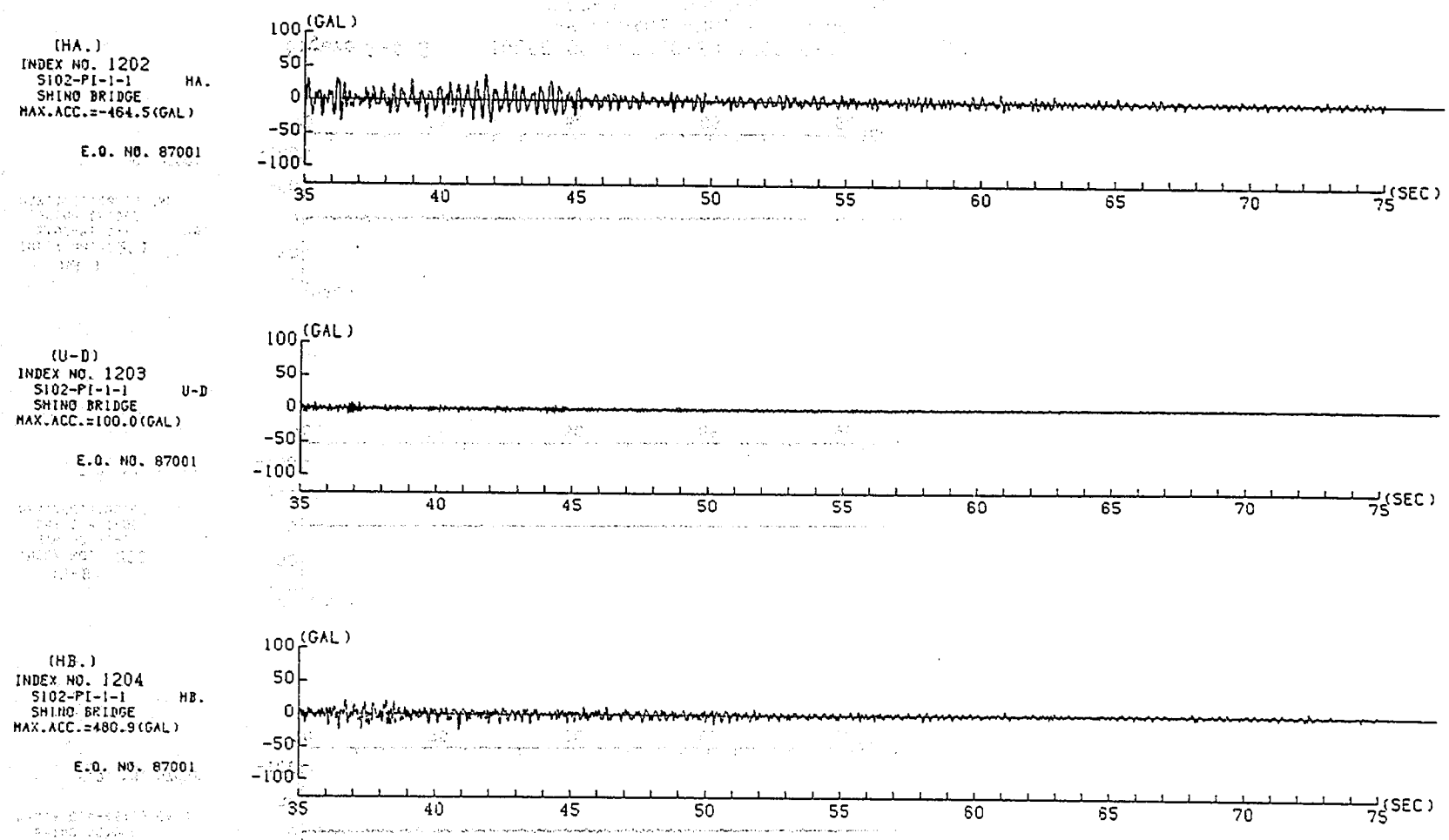


Figure 5-4-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S102-PI-1-1
INDEX NUMBER 1202 1203 1204

(4-2)

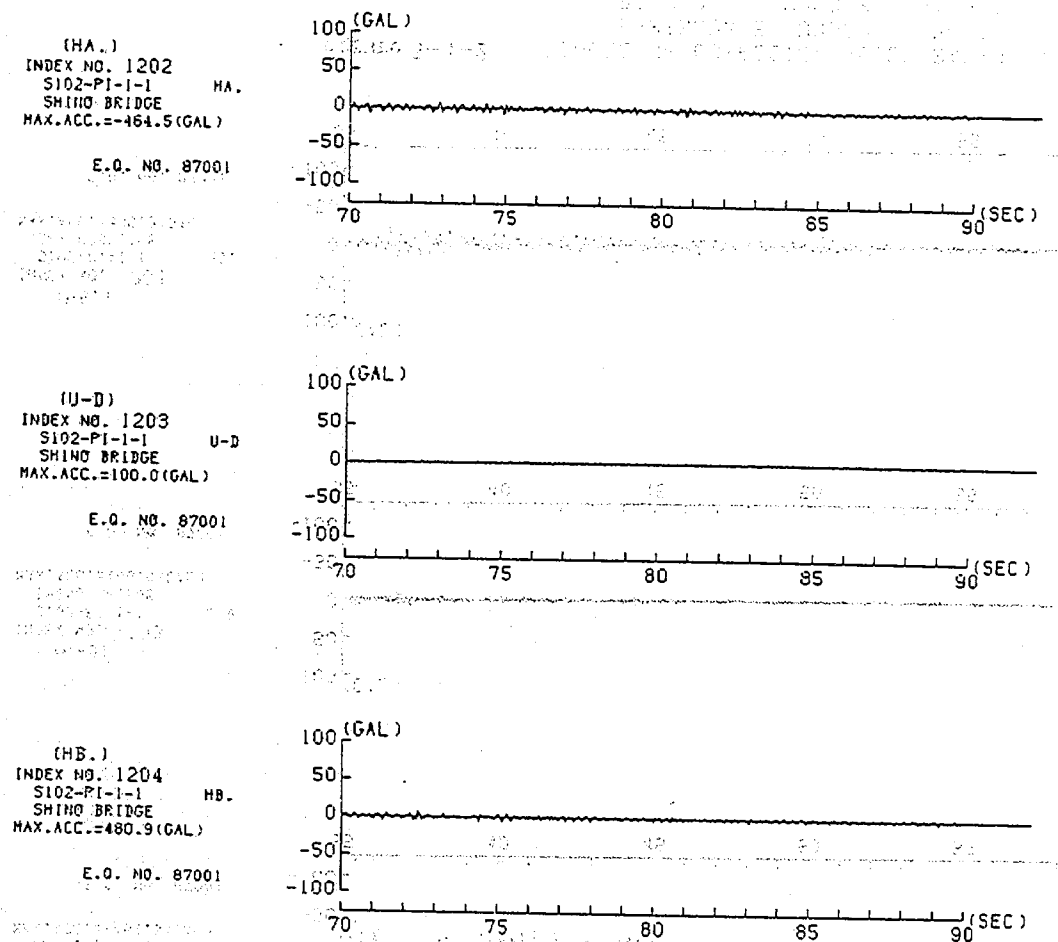


Figure 5-4-3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S102-PI-1-1
INDEX NUMBER 1202 1203 1204

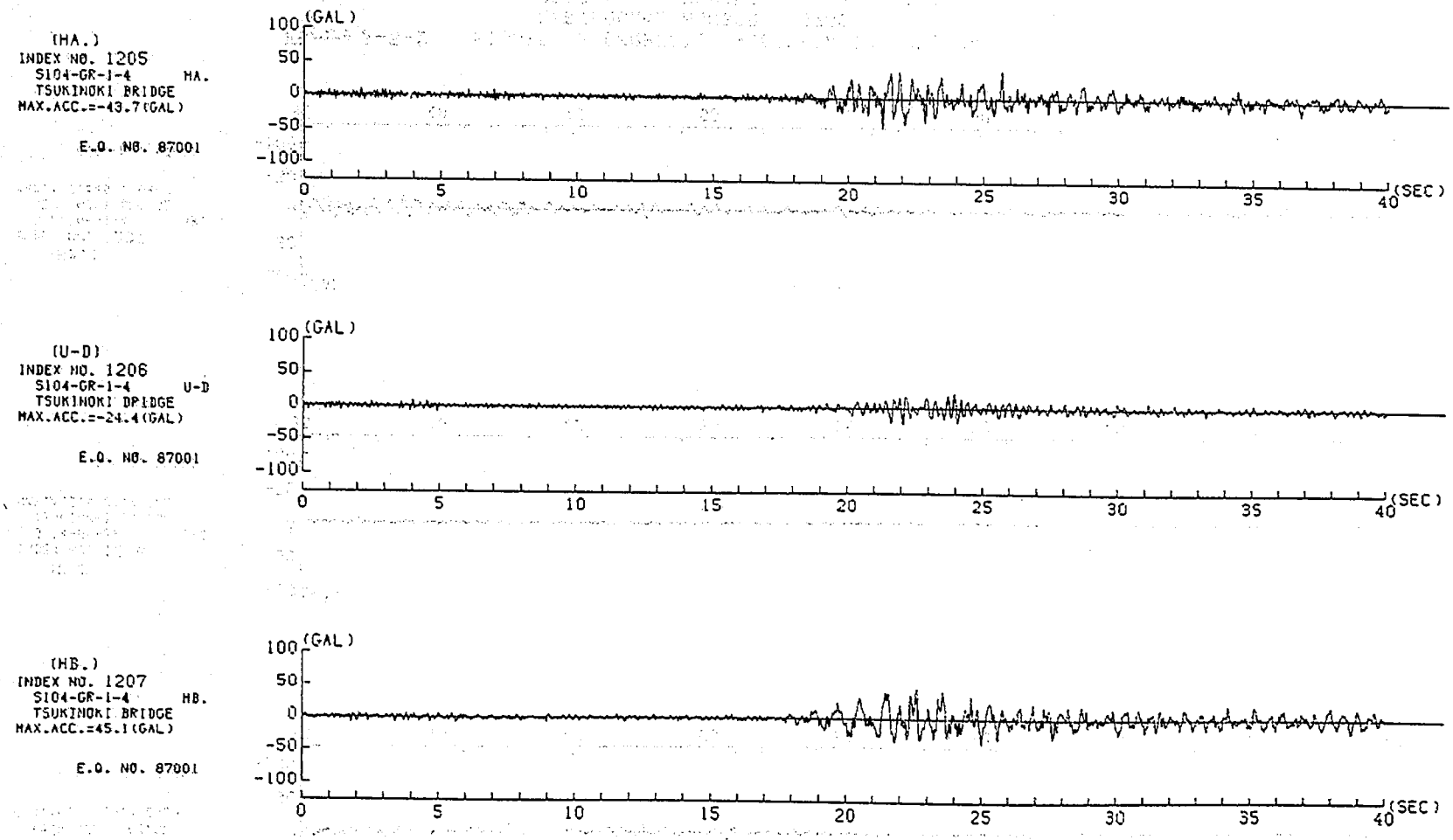


Figure 5-5-1 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE NUMBER 87001
RECORD NUMBER S104-GR-1-4
INDEX NUMBER 1205 1206 1207

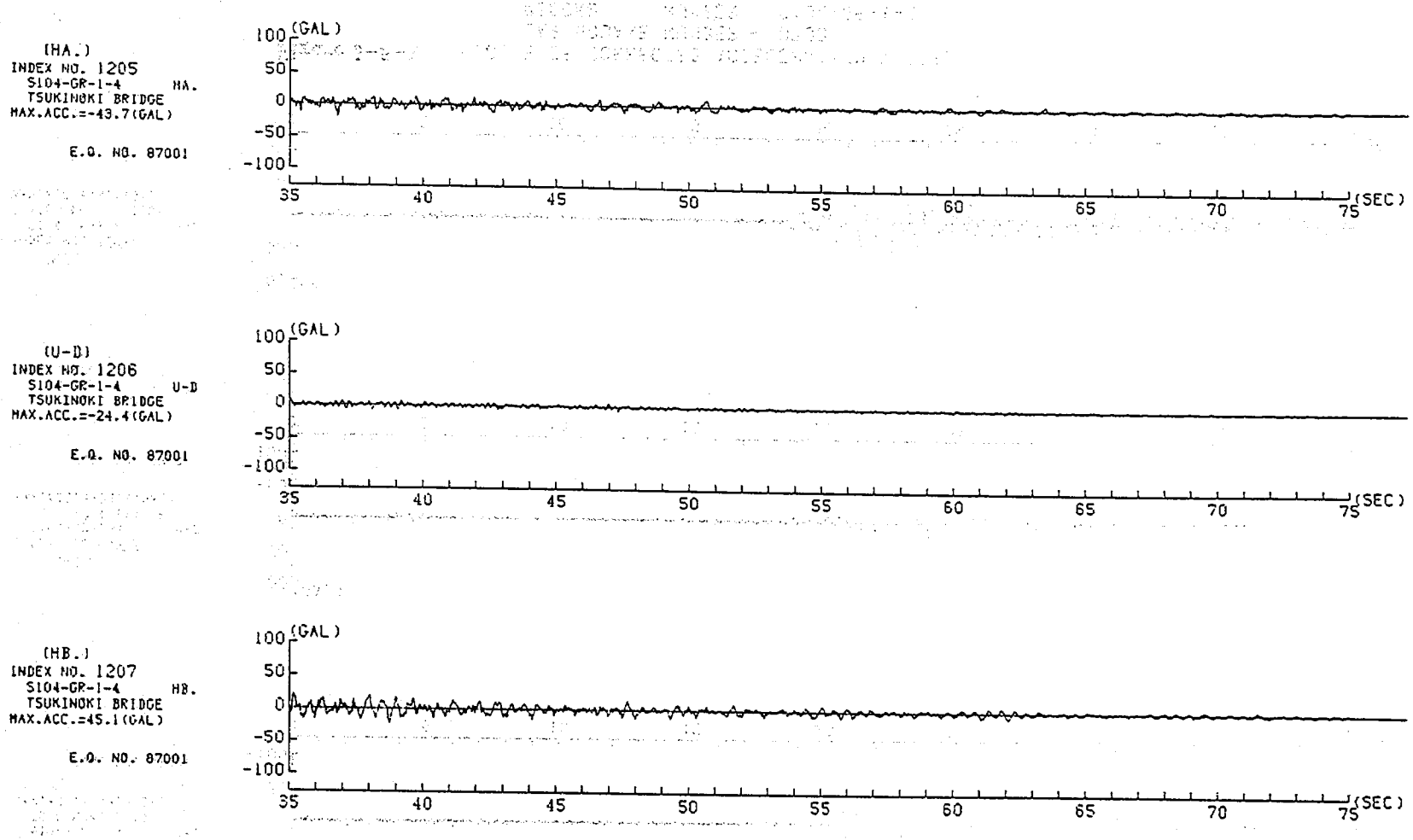


Figure 5-5-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S104-GR-1-4
INDEX NUMBER 1205 1206 1207

(5-2)

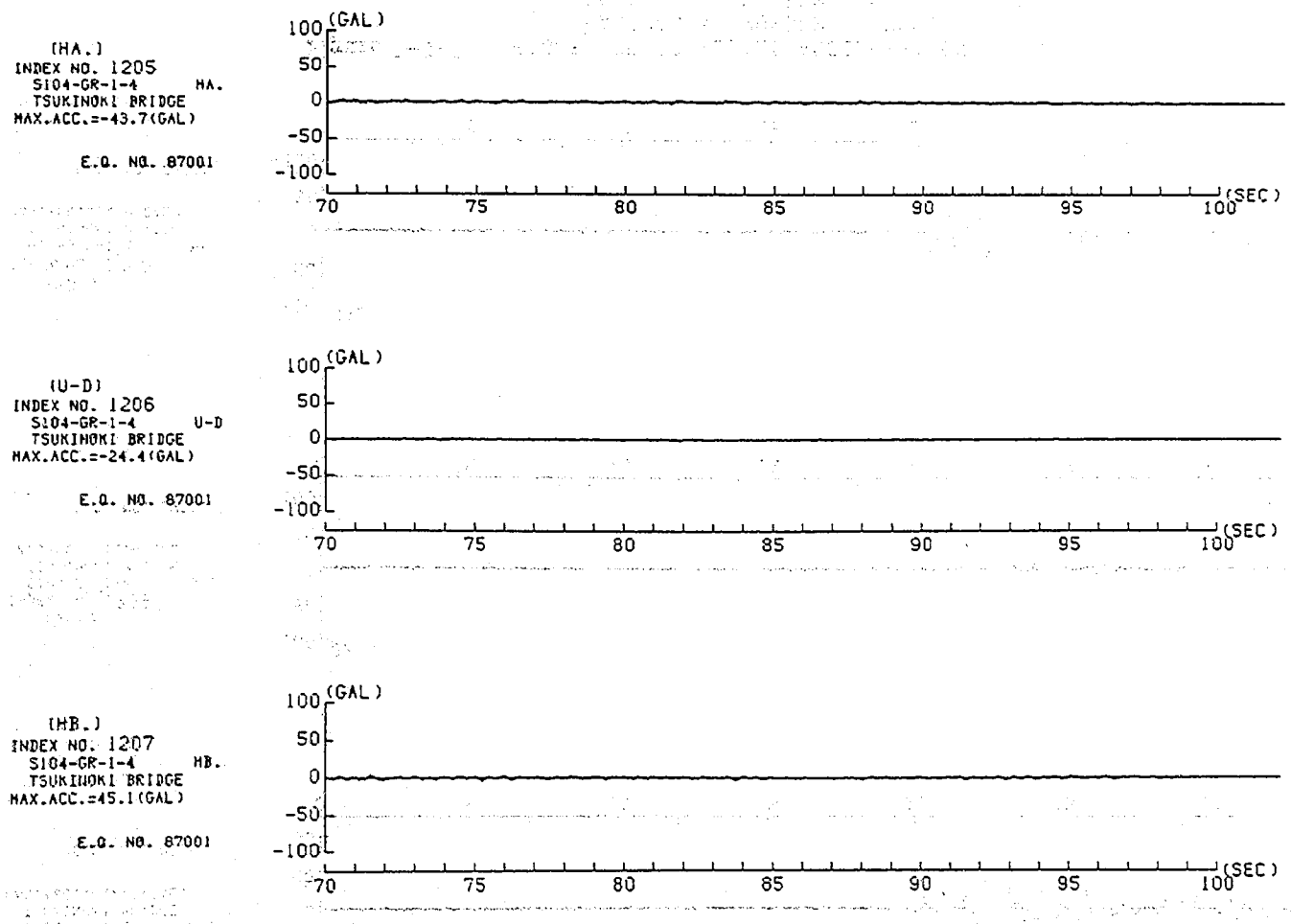


Figure 5-5-3 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE	NUMBER	87001
RECORD	NUMBER	S104-GR-1-4
INDEX	NUMBER	1205 1206 1207

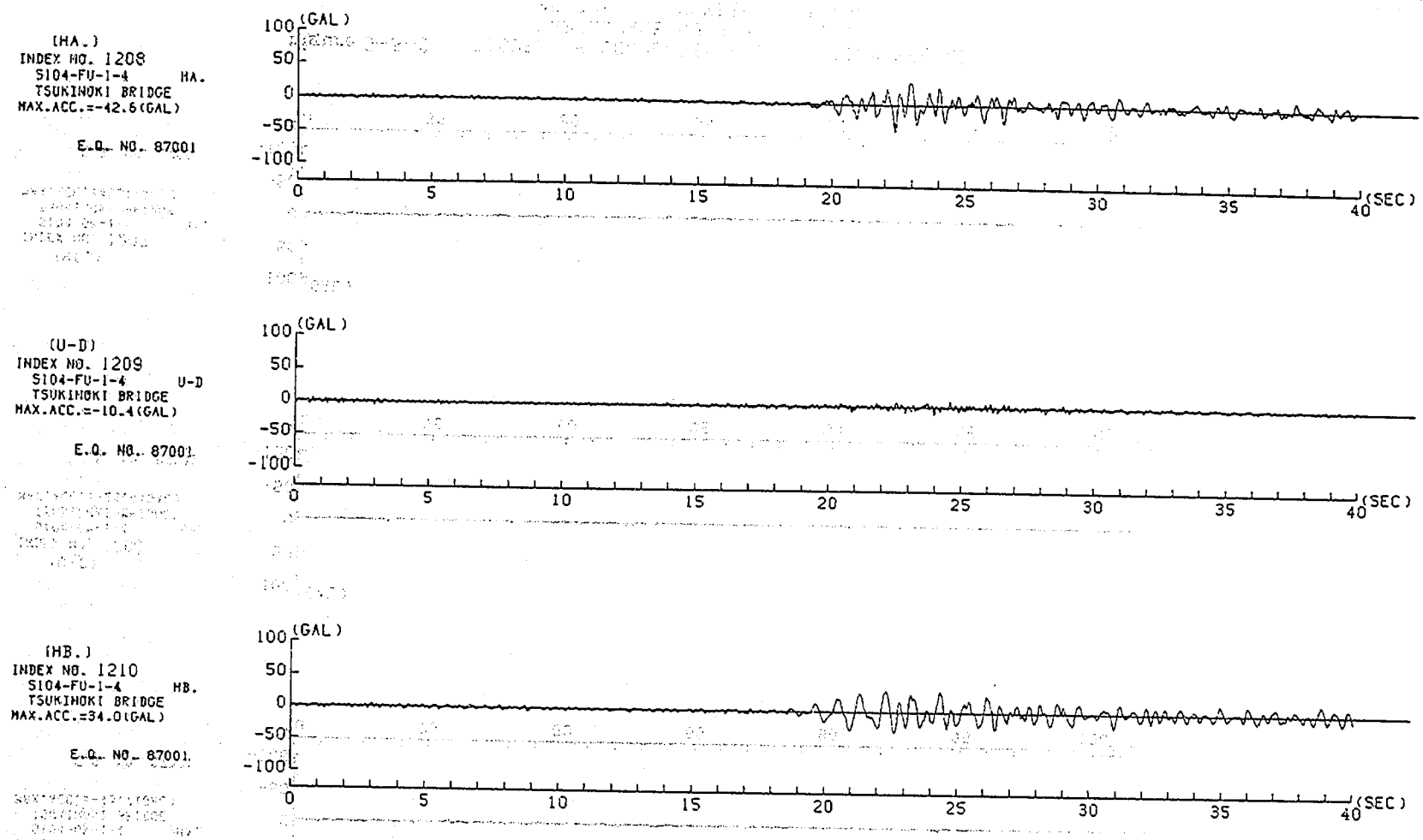


Figure 5-6-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S104-FU-1-4
INDEX NUMBER 1208 1209 1210

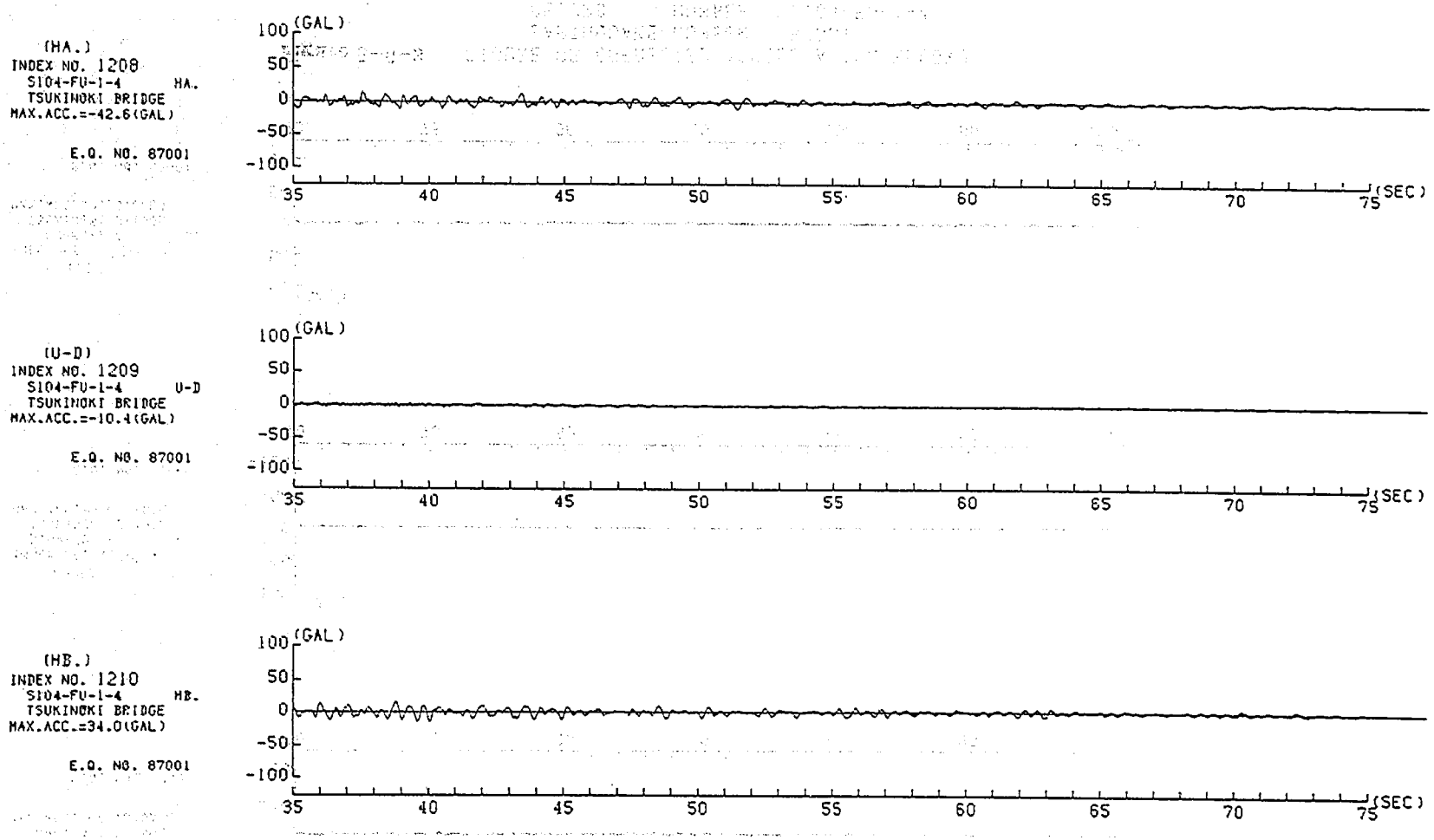


Figure 5-6-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S104-FU-1-4
INDEX NUMBER 1208 1209 1210

(6-2)

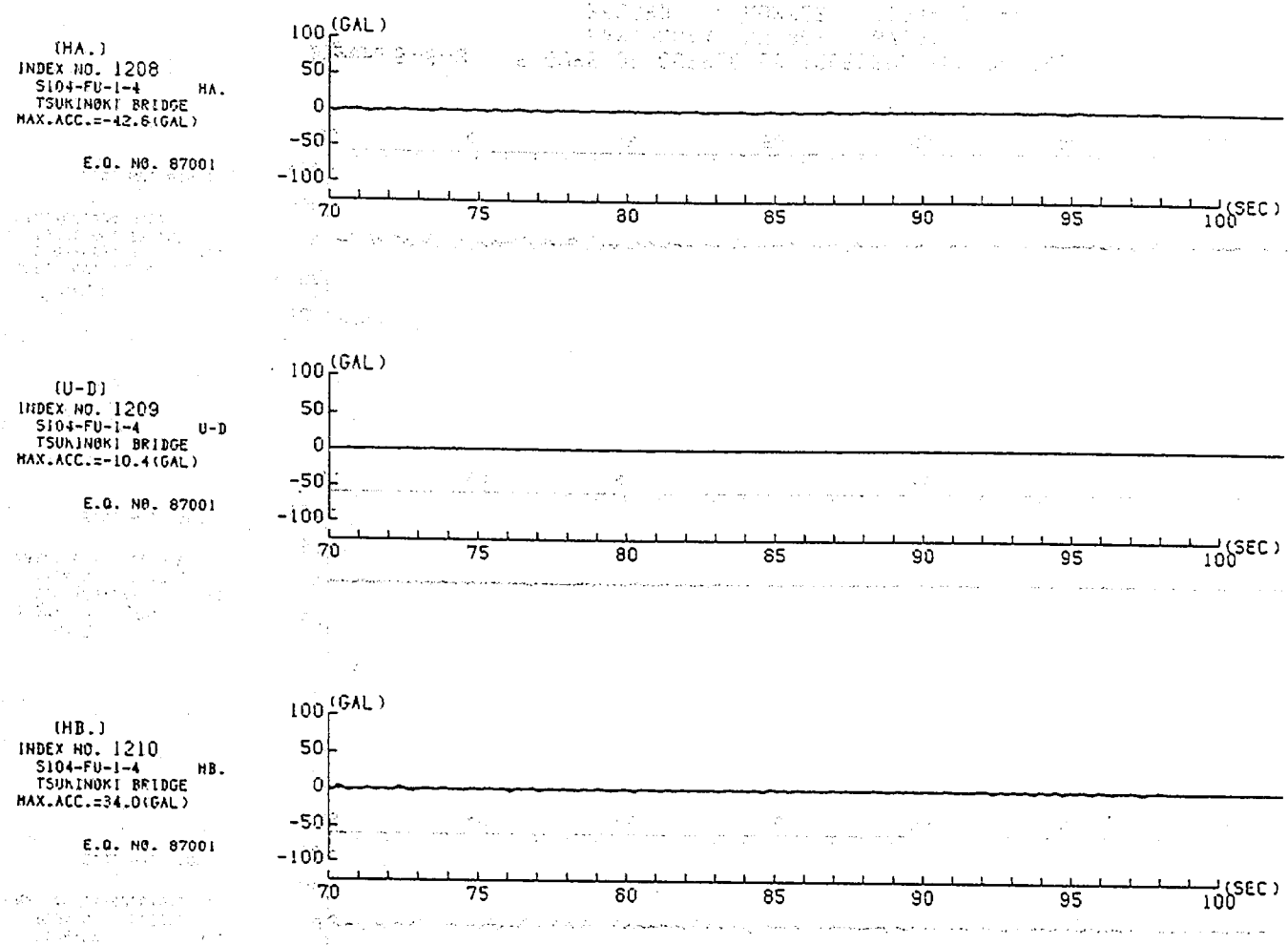


Figure 5-6-3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S104-FU-1-4
INDEX NUMBER 1208 1209 1210

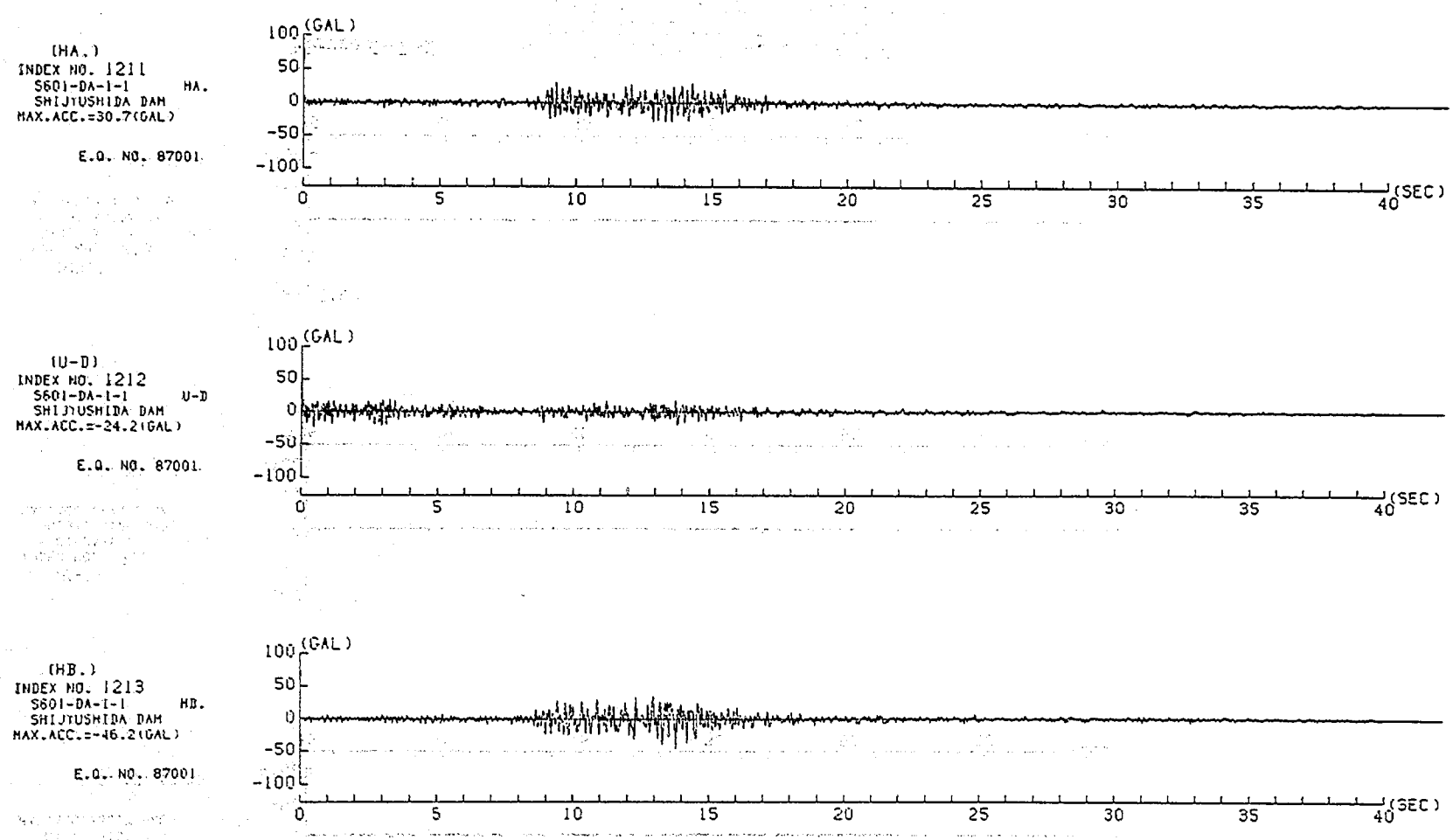
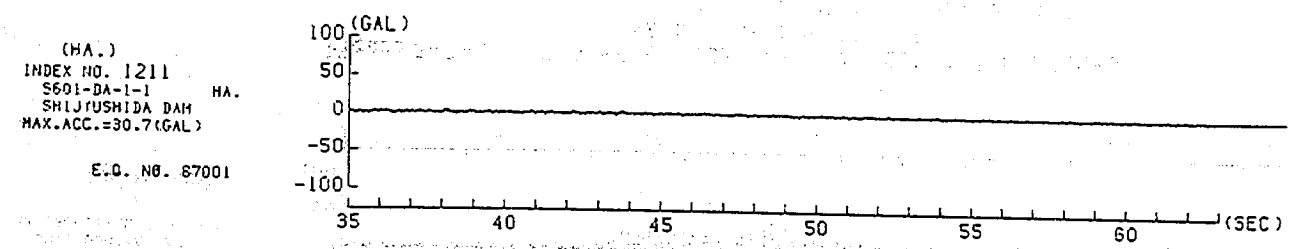
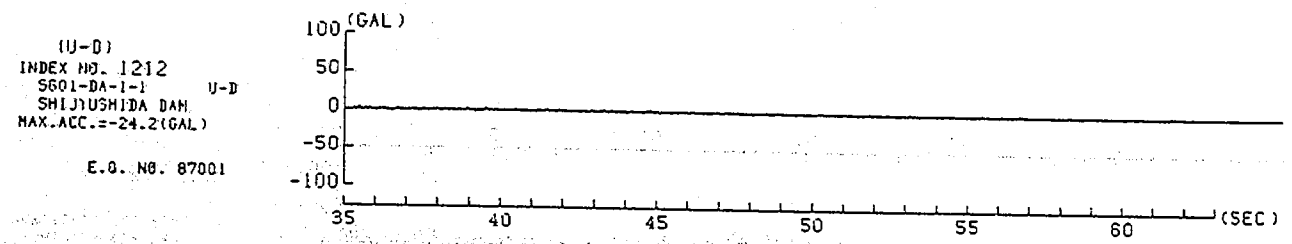


Figure 5-7-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S601-DA-1-1
INDEX NUMBER 1211 1212 1213

(7-1)





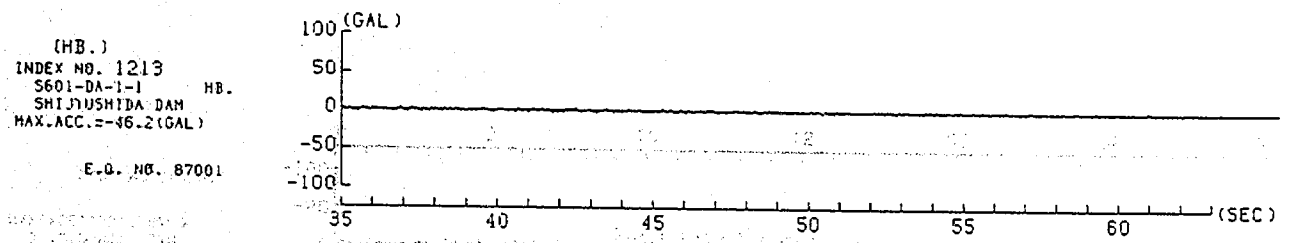


Figure 5-7-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S601-DA-1-1
INDEX NUMBER 1211 1212 1213

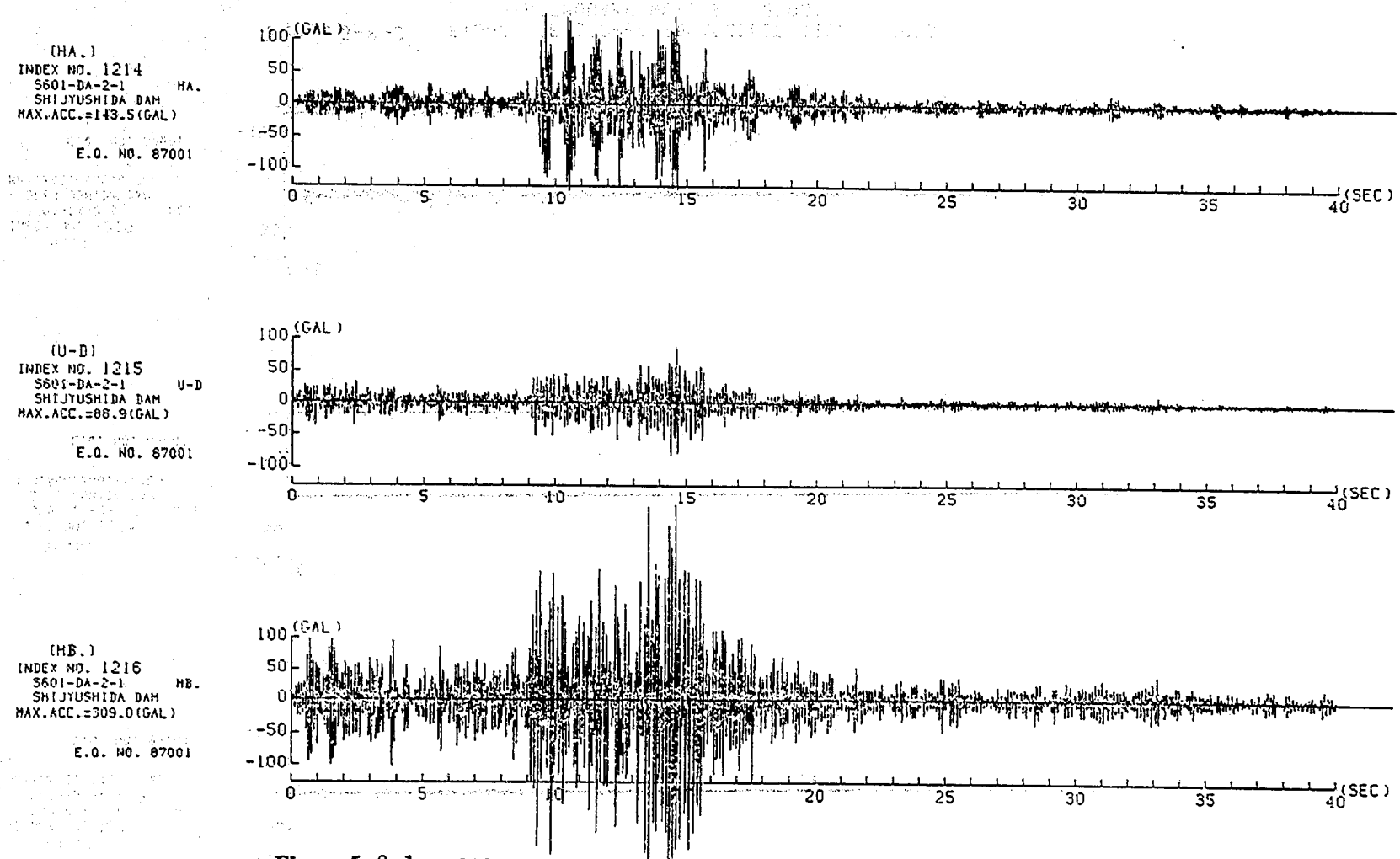


Figure 5-8-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S601-DA-2-1
INDEX NUMBER 1214 1215 1216

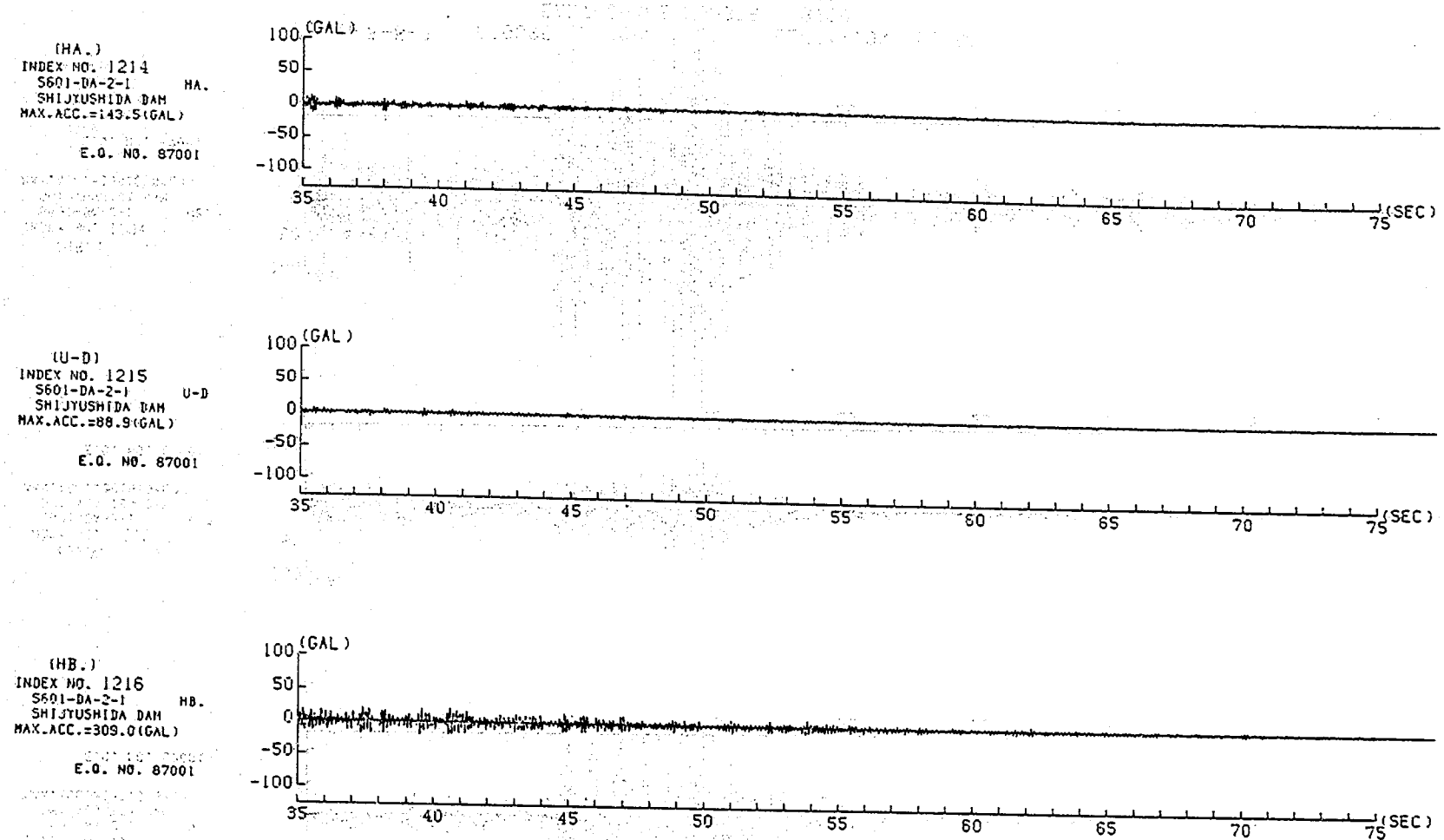


Figure 5-8-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S601-DA-2-1
INDEX NUMBER 1214 1215 1216

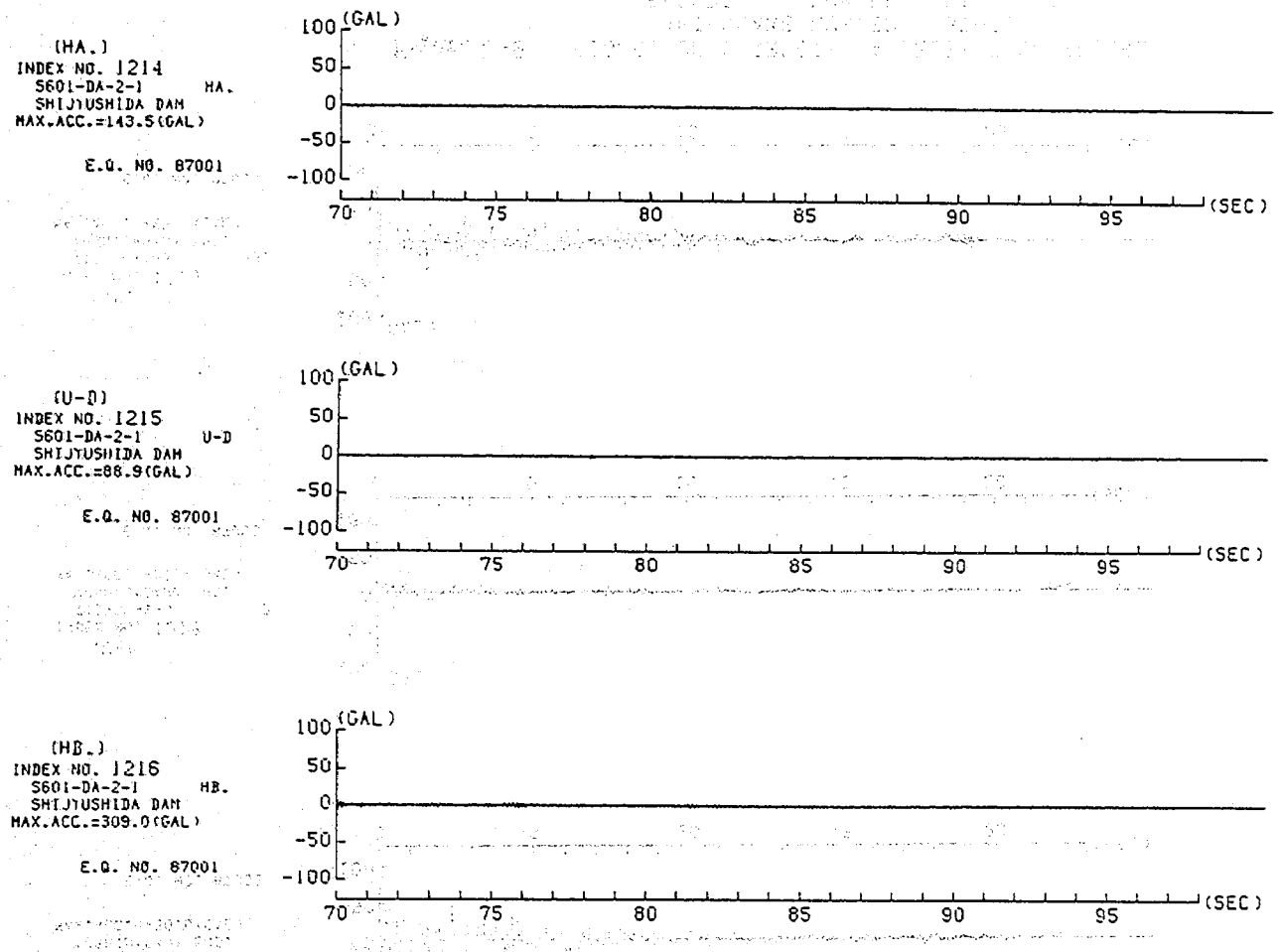
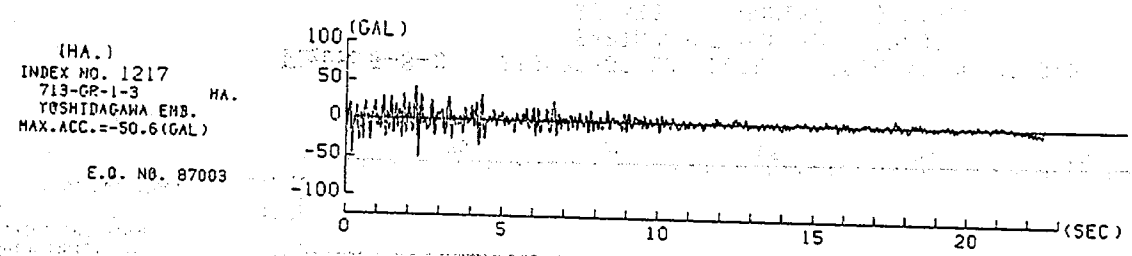
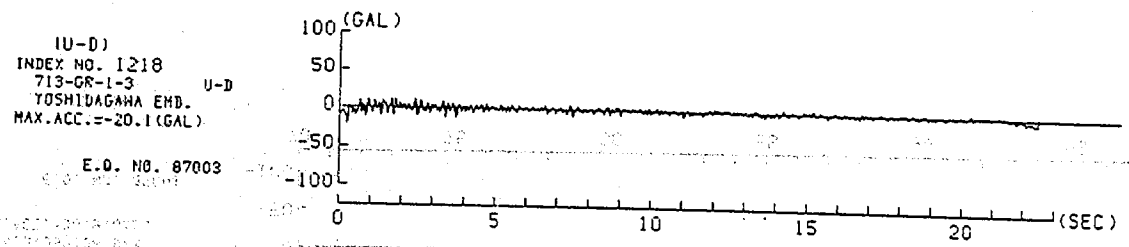


Figure 5-8-3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87001
RECORD NUMBER S601-DA-2-1
INDEX NUMBER 1214 1215 1216





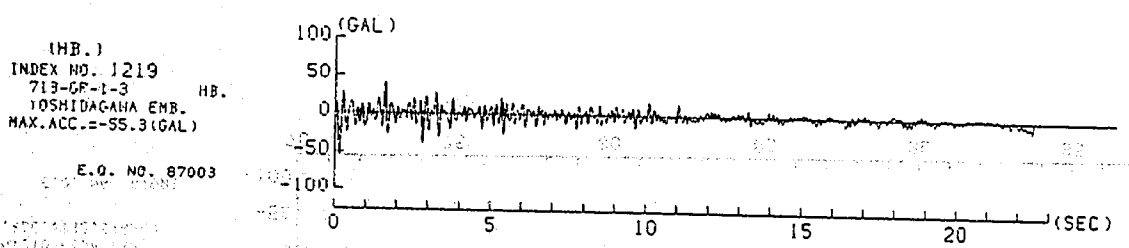


Figure 5–9 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE	NUMBER	87003
RECORD	NUMBER	713-GR-1-3
INDEX	NUMBER	1217 1218 1219

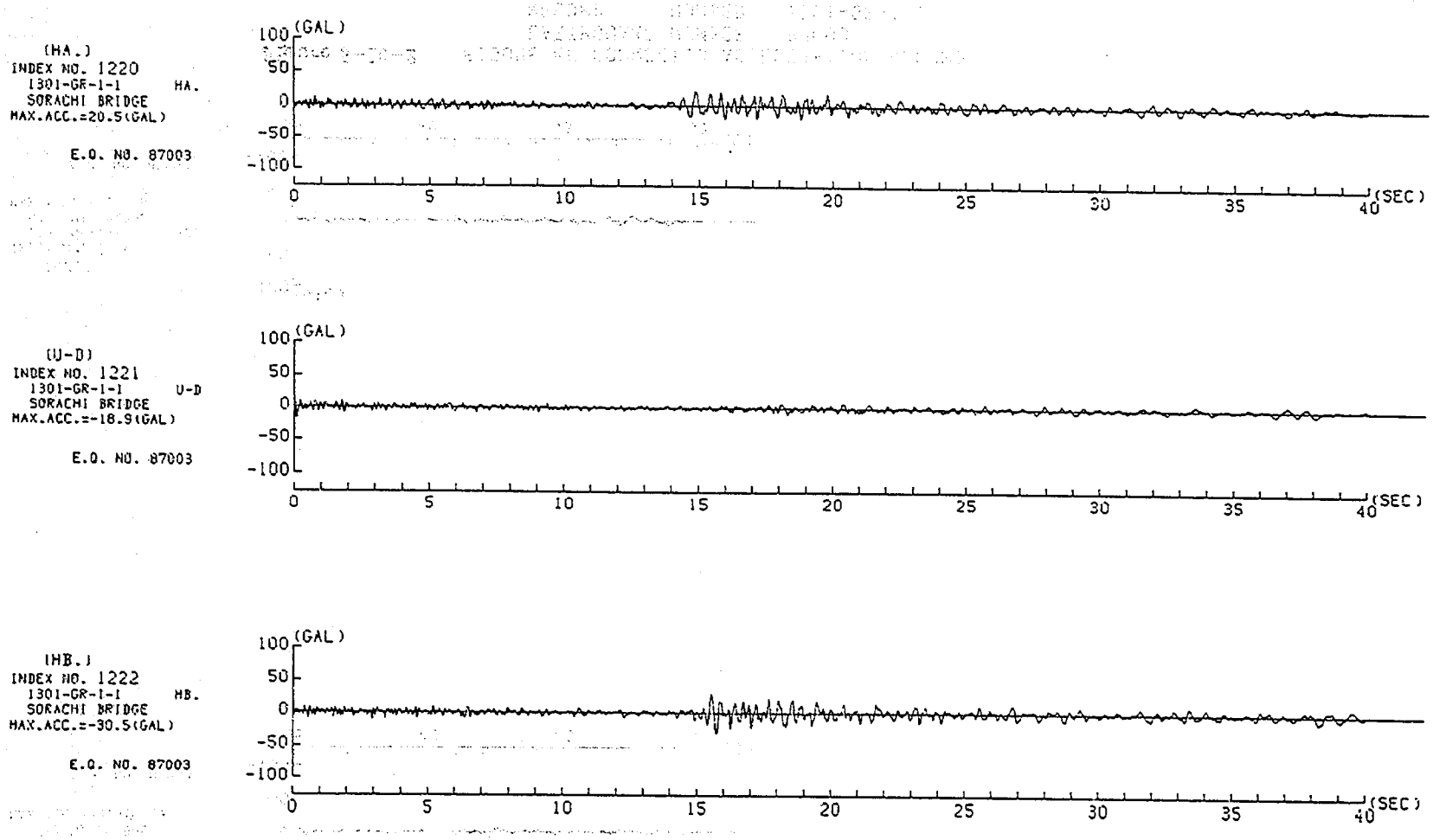
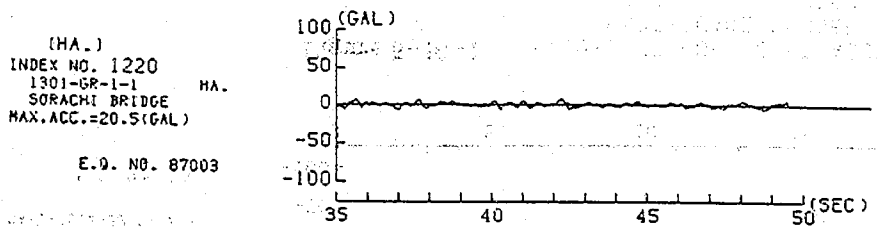


Figure 5-10-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1301-GR-1-1
INDEX NUMBER 1220 1221 1222

(10-1)



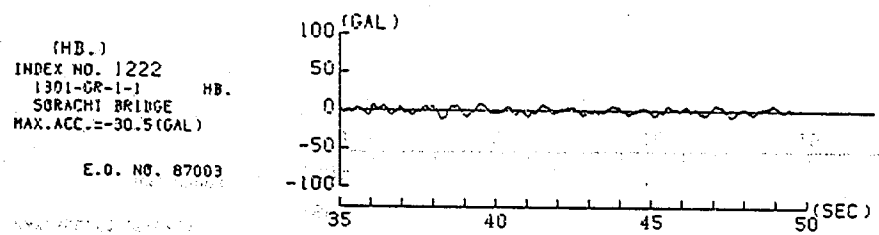


Figure 5-10-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1301-GR-1-1
INDEX NUMBER 1220 1221 1222

(10-2)

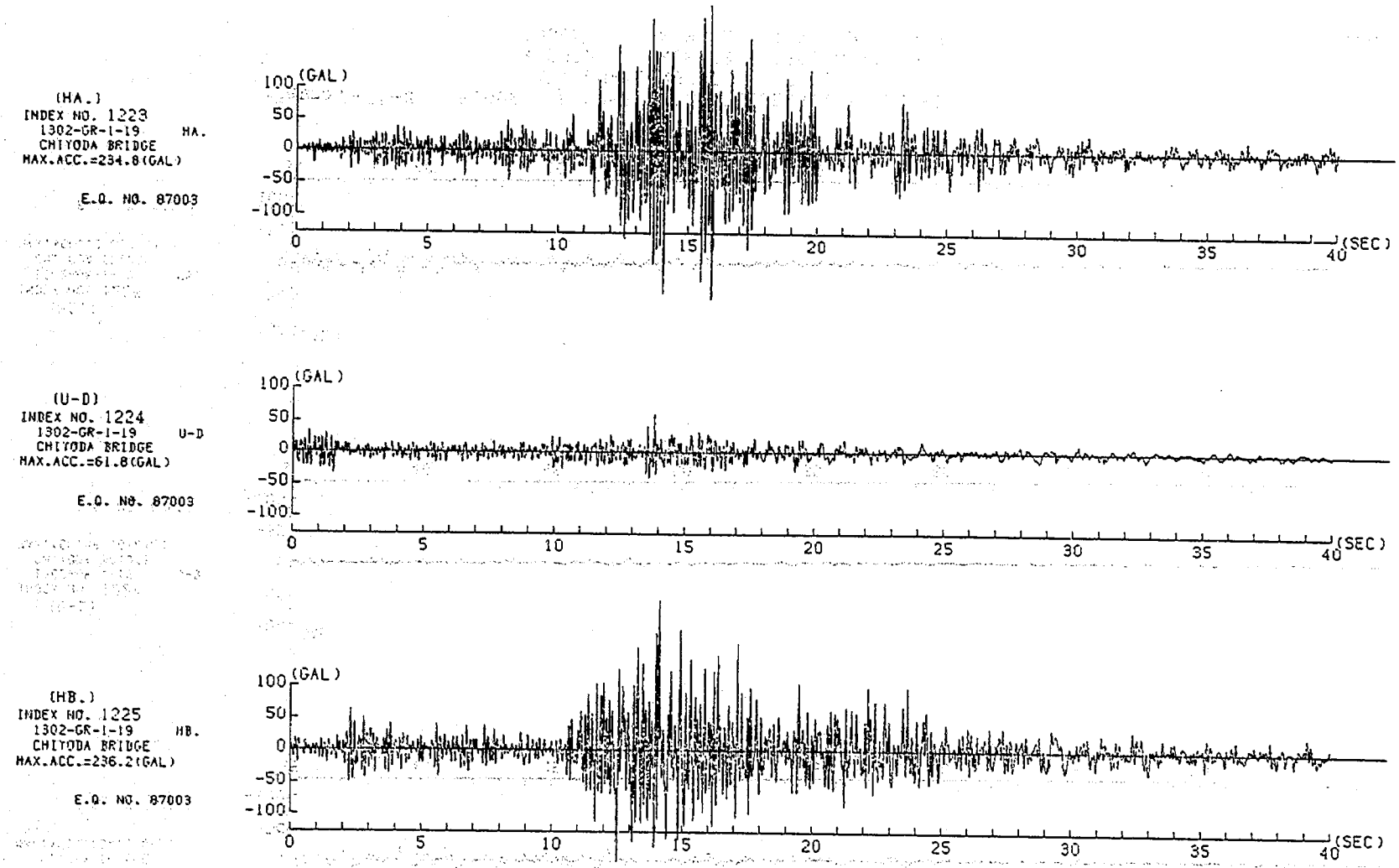


Figure 5-11-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1302-GR-1-19
INDEX NUMBER 1223 1224 1225

(11-1)

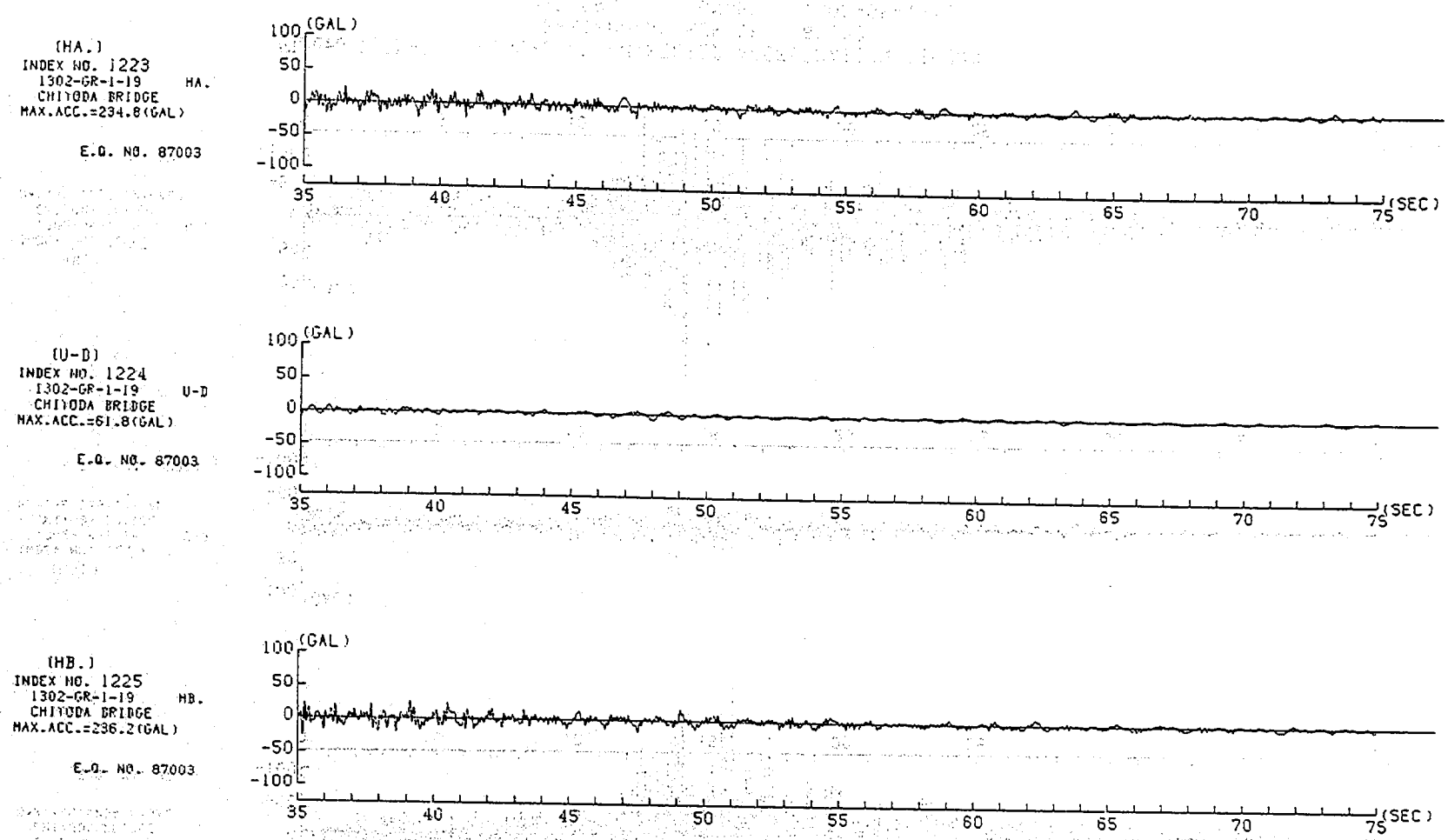


Figure 5-11-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1302-GR-1-19
INDEX NUMBER 1223 1224 1225

(11-2)

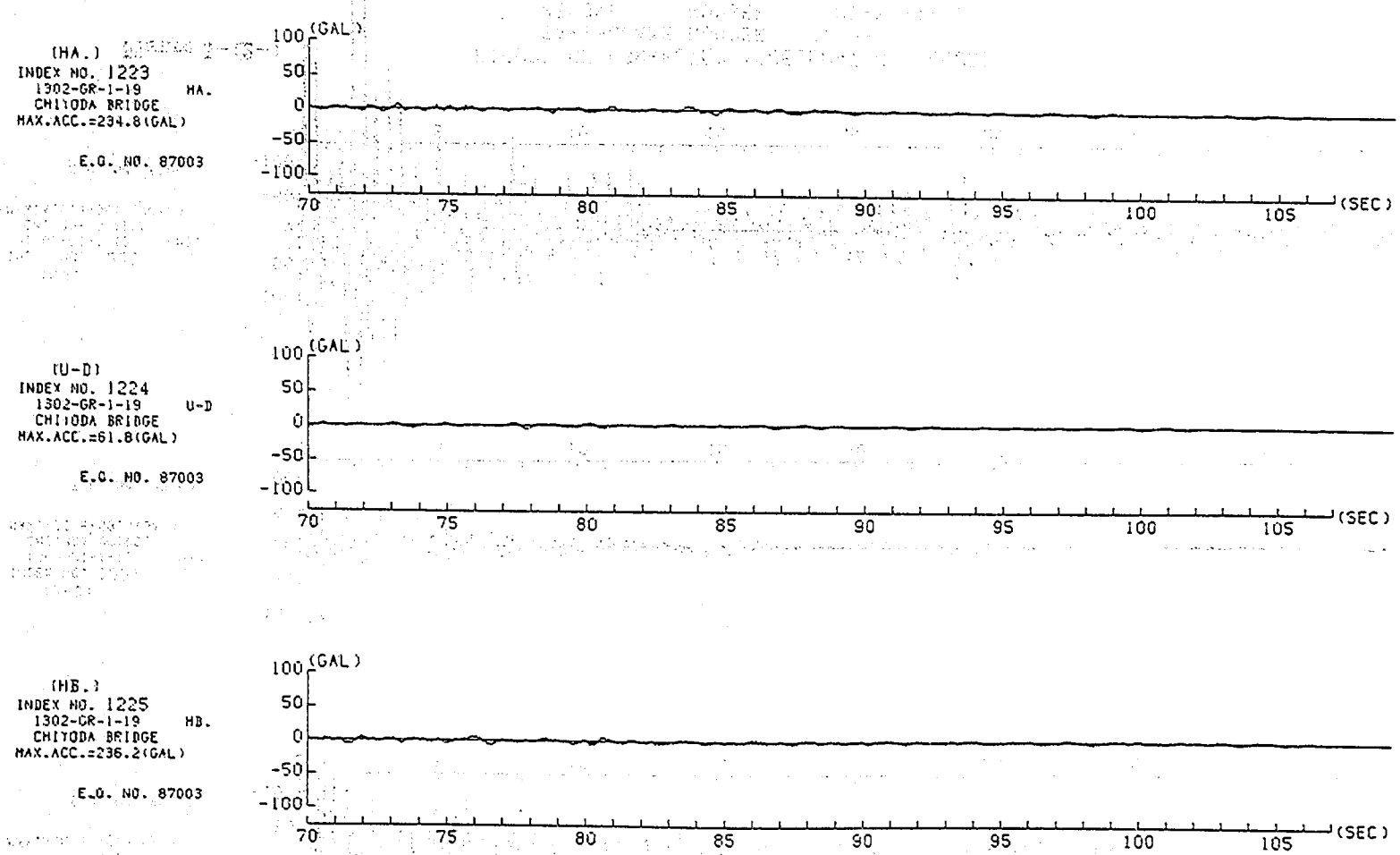
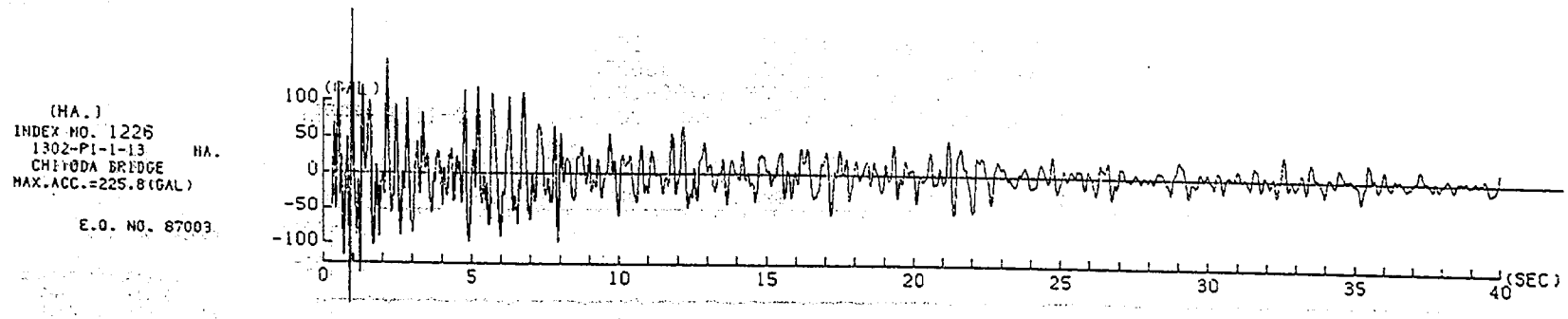
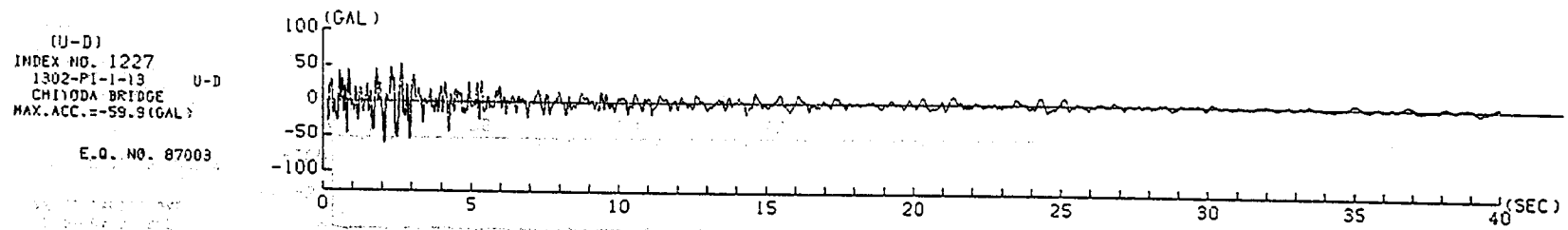


Figure 5-11-3 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE NUMBER 87003
RECORD NUMBER 1302-GR-1-19
INDEX NUMBER 1223 1224 1225

(11-3)





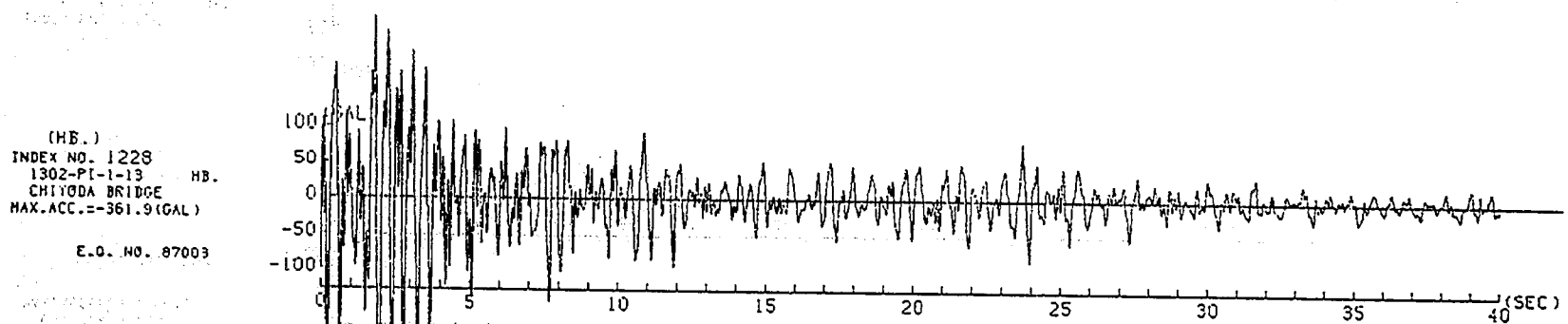


Figure 5–12–1

FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1302-PI-1-13
INDEX NUMBER 1226 1227 1228

(12-1)

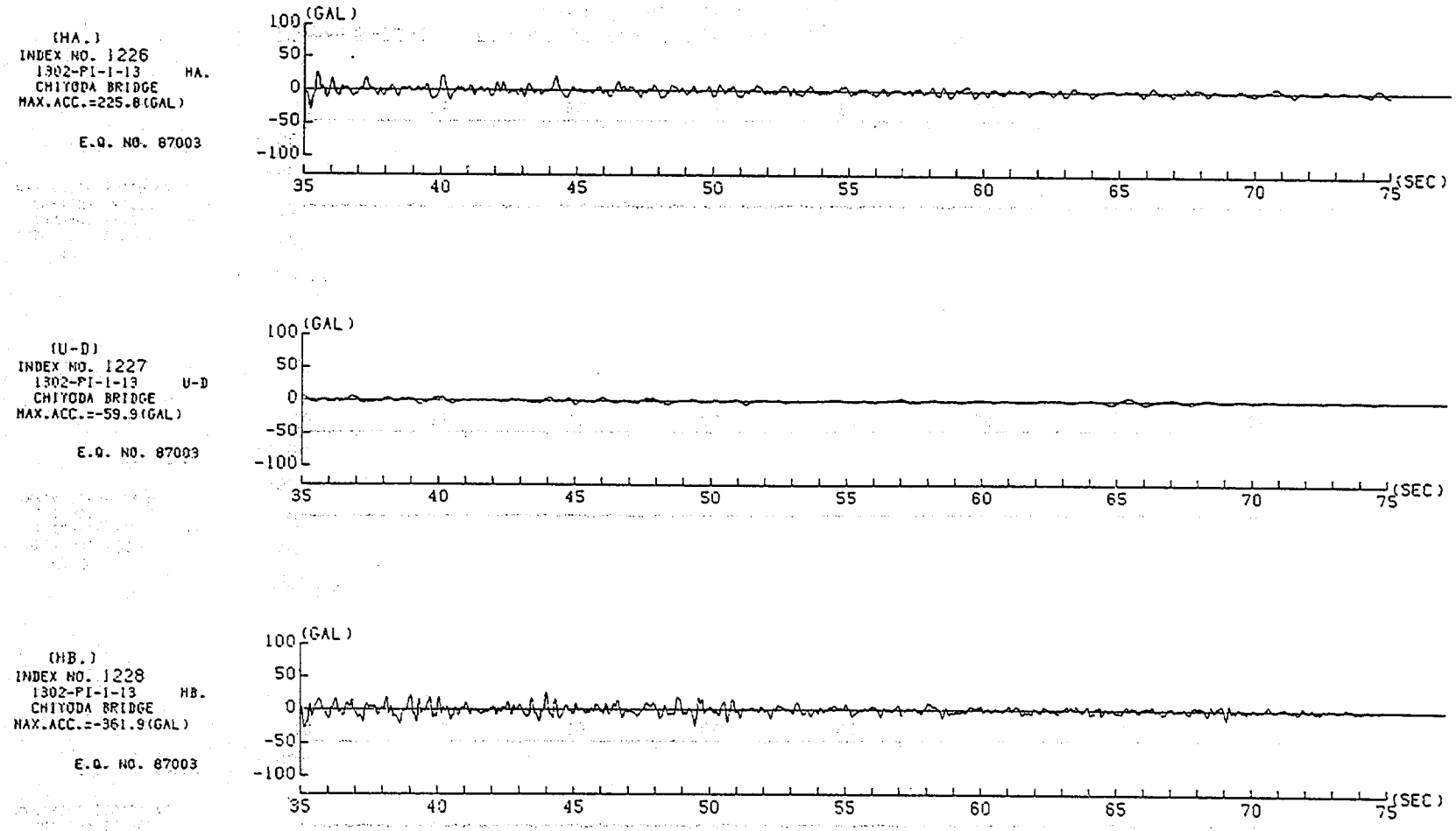


Figure 5-12-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1302-PI-1-13
INDEX NUMBER 1226 1227 1228

(12-2)

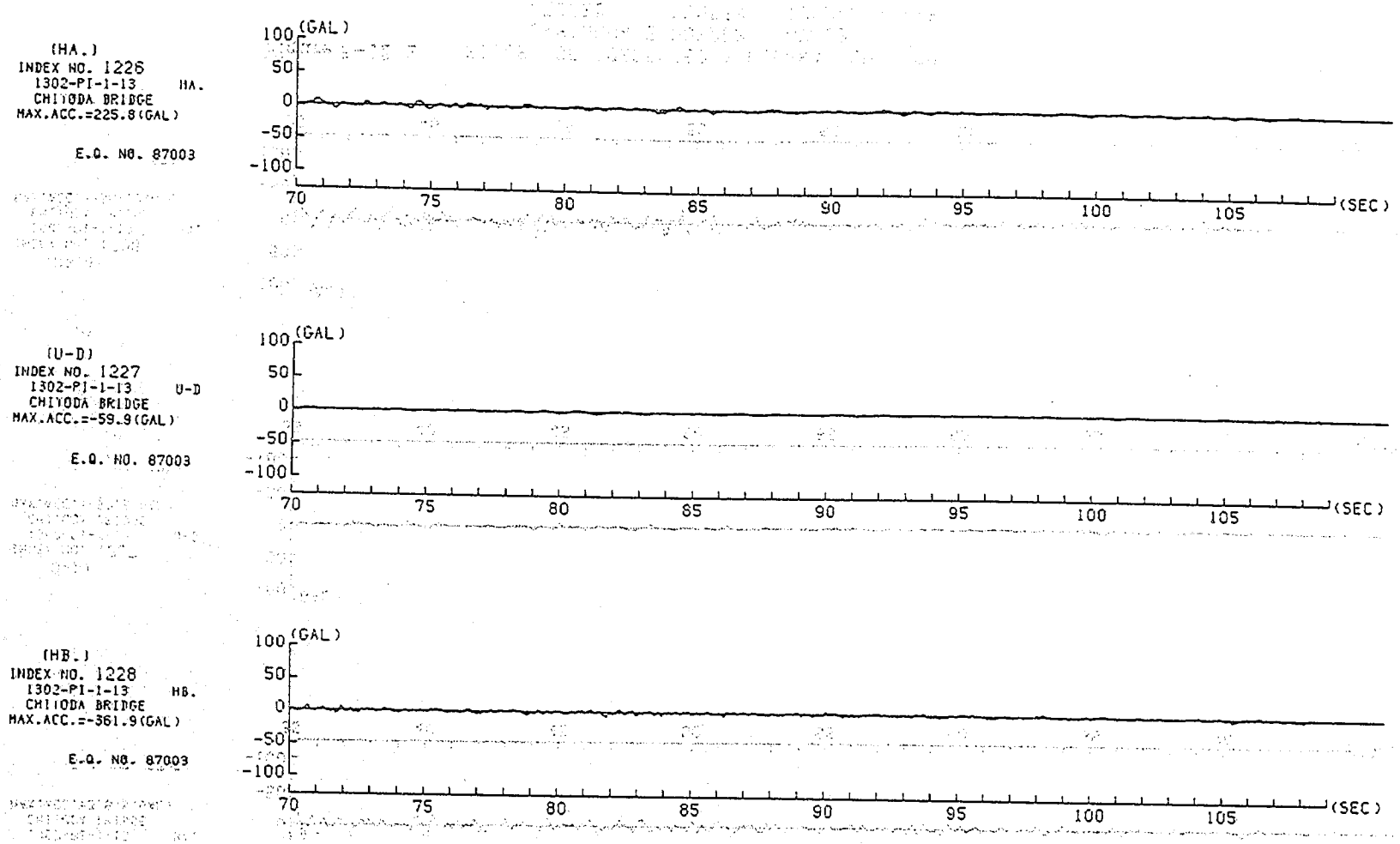
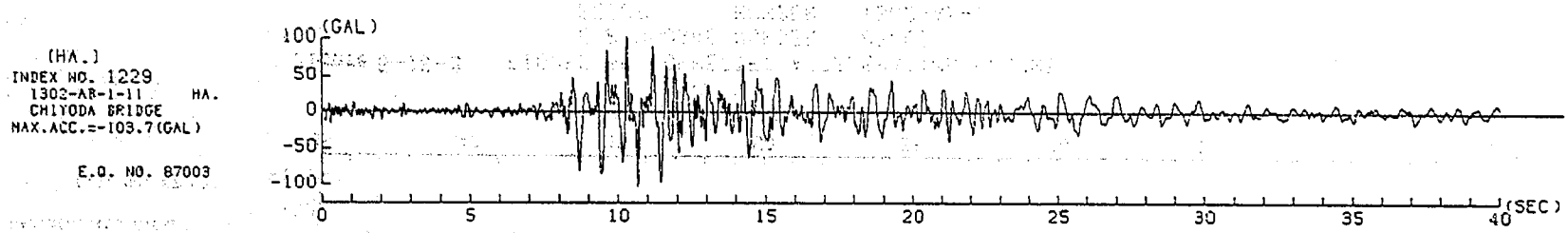


Figure 5-12-3 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE NUMBER 87003
RECORD NUMBER 1302-PI-1-13
INDEX NUMBER 1226 1227 1228



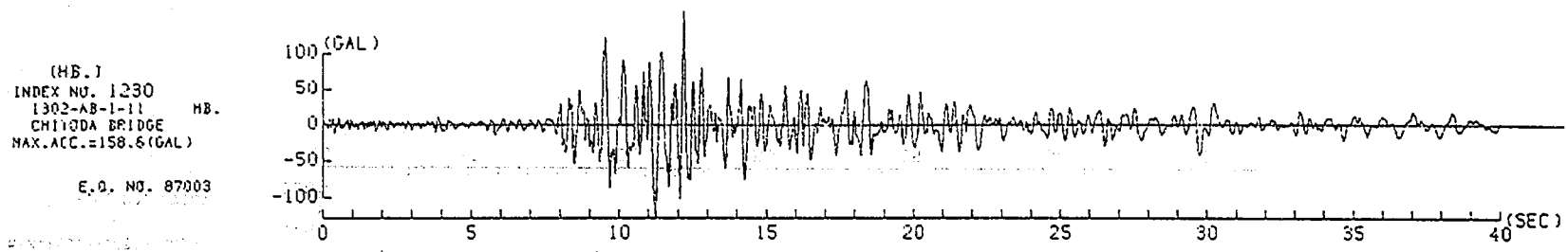
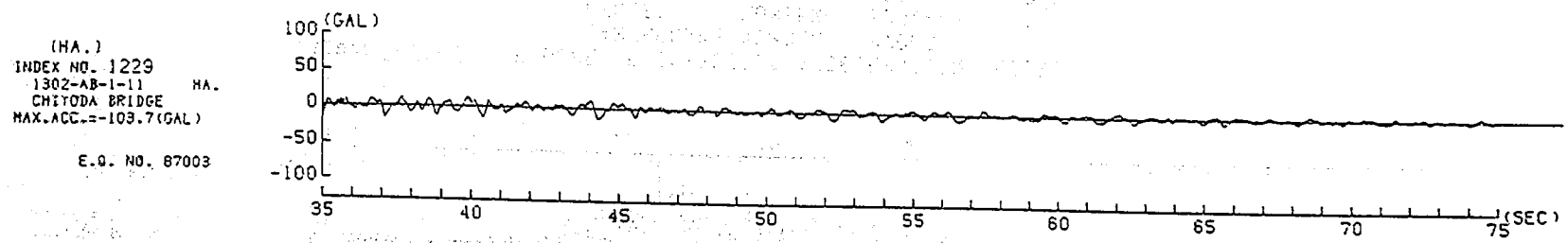


Figure 5-13-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1302-AB-1-11
INDEX NUMBER 1229 1230

(13-1)



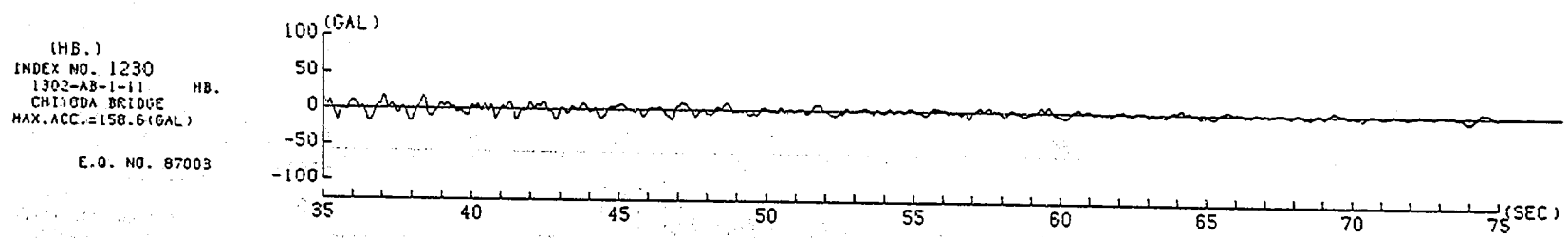
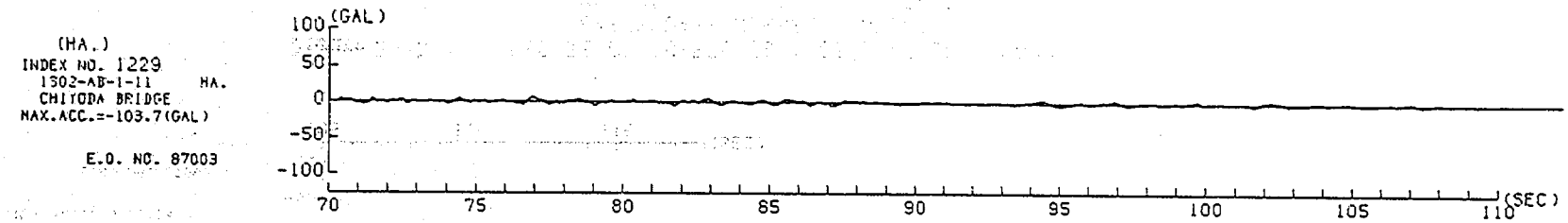


Figure 5–13–2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1302-AB-1-11
INDEX NUMBER 1229 1230



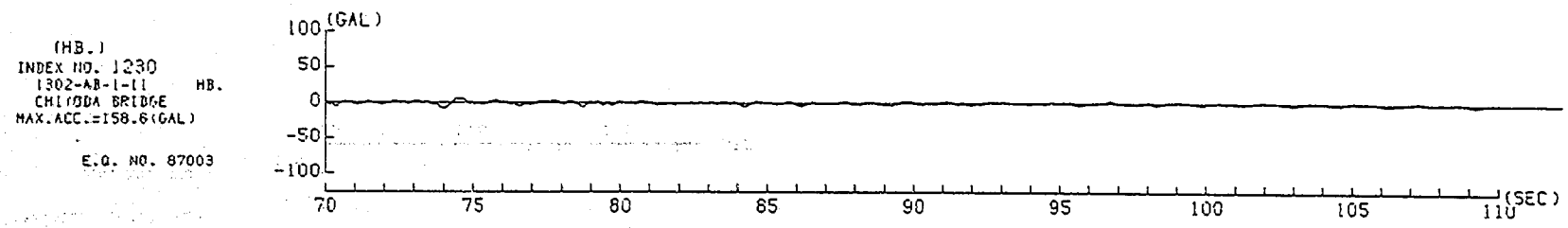
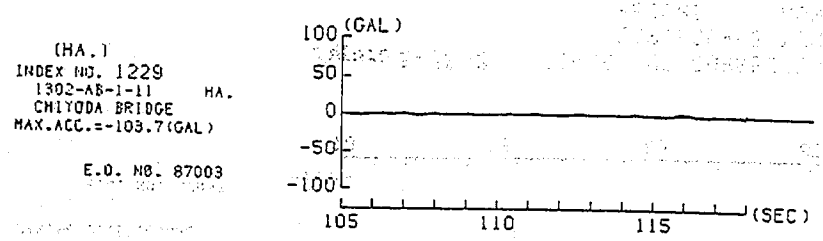


Figure 5–13–3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1302-AB-1-11
INDEX NUMBER 1229 1230



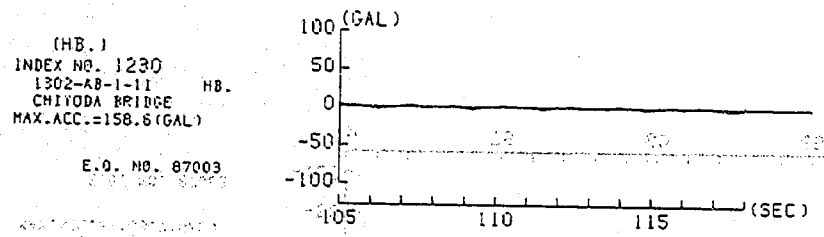


Figure 5-13-4 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE	NUMBER	87003	
RECORD	NUMBER	1302-AB-1-11	
INDEX	NUMBER	1229	1230

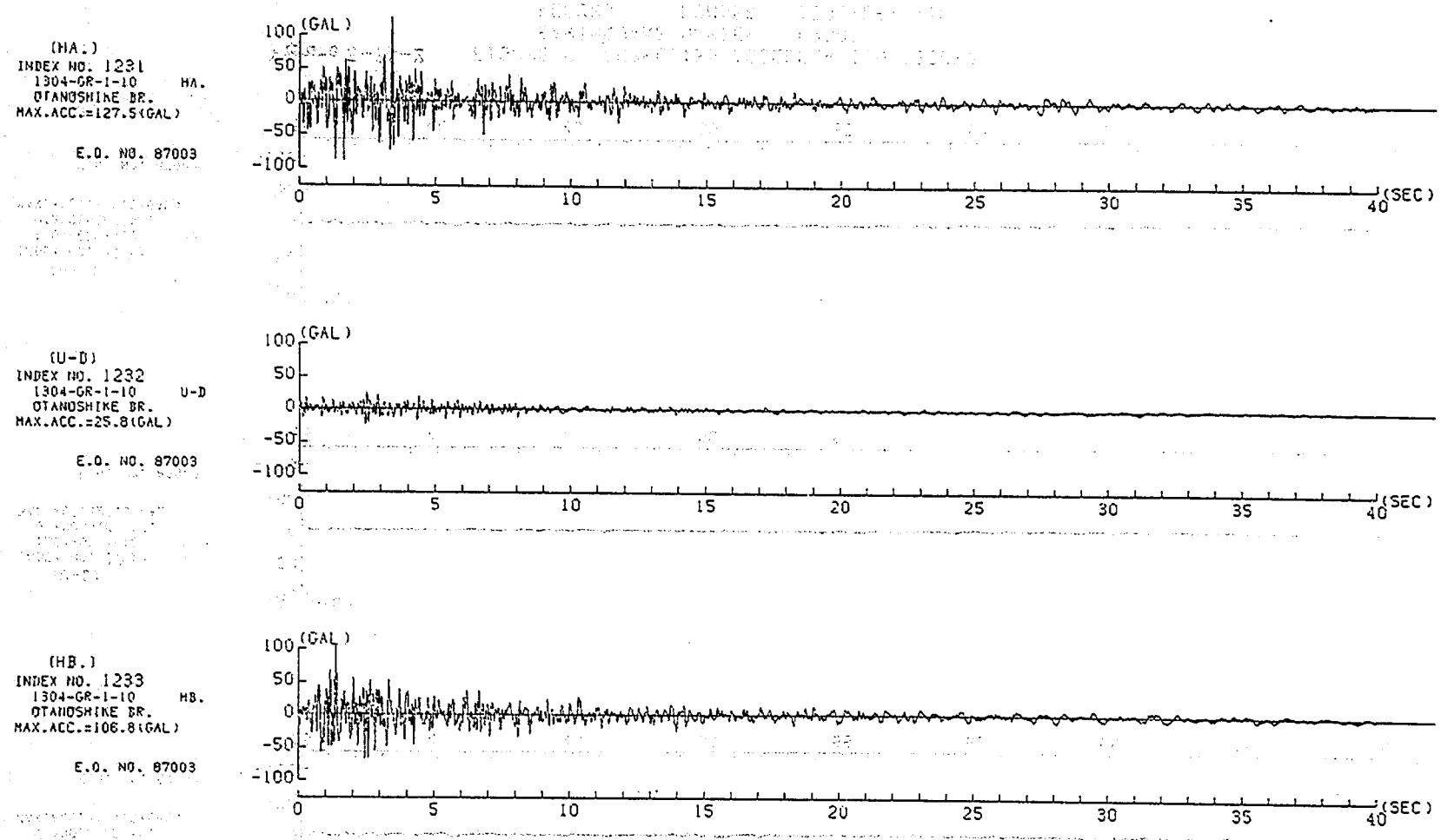


Figure 5-14-1 FIGURE OF CORPECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1304-GR-1-10
INDEX NUMBER 1231 1232 1233

(14-1)

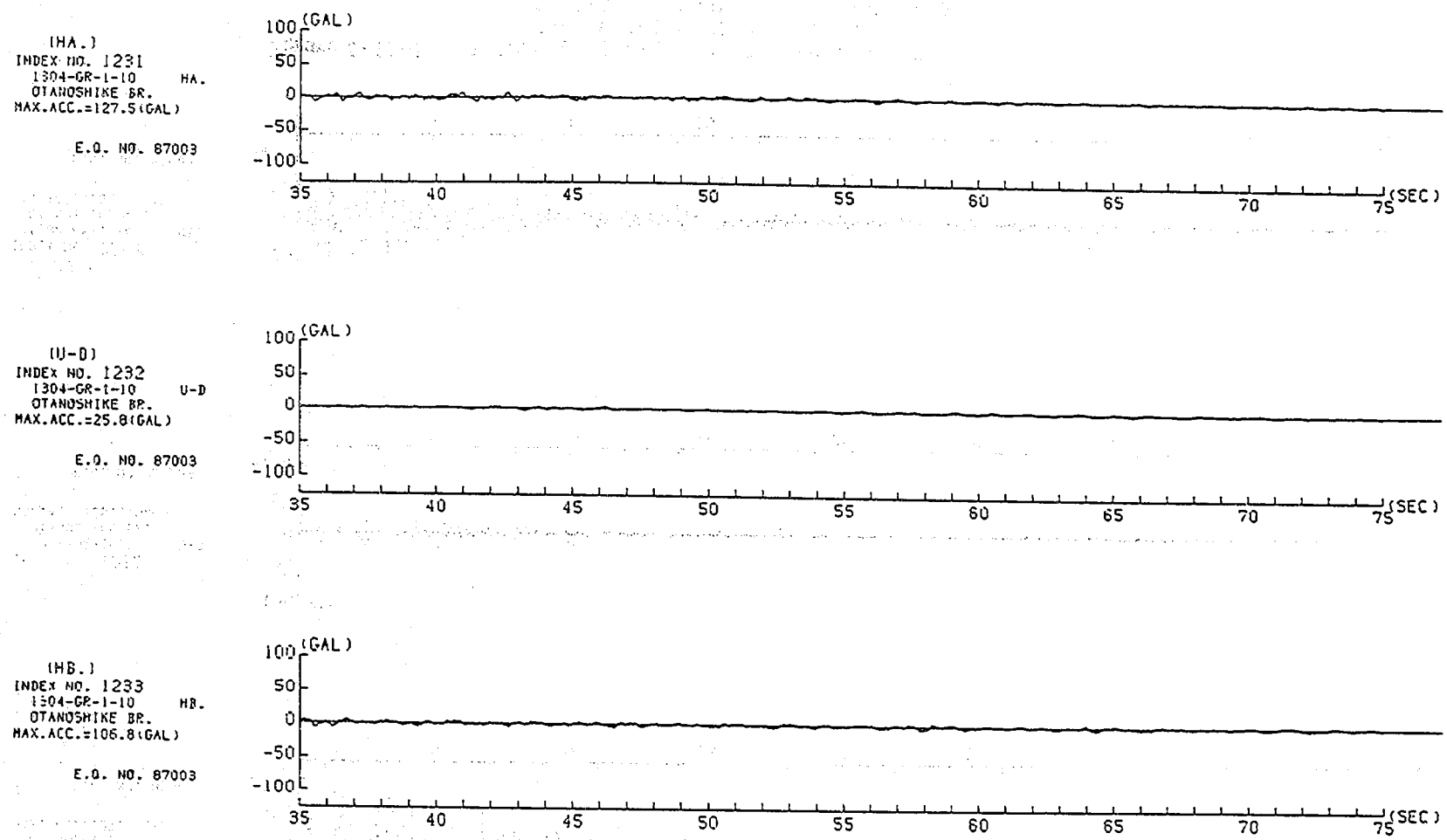
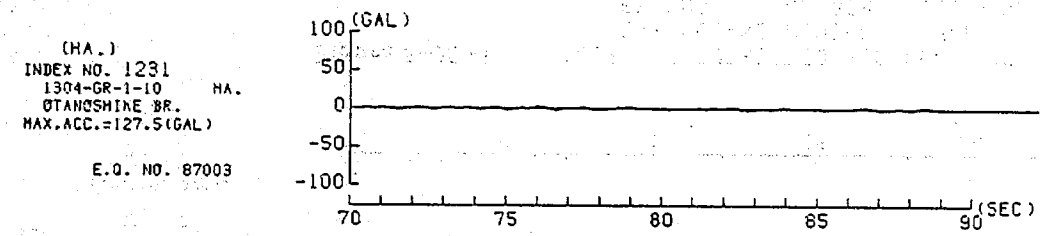
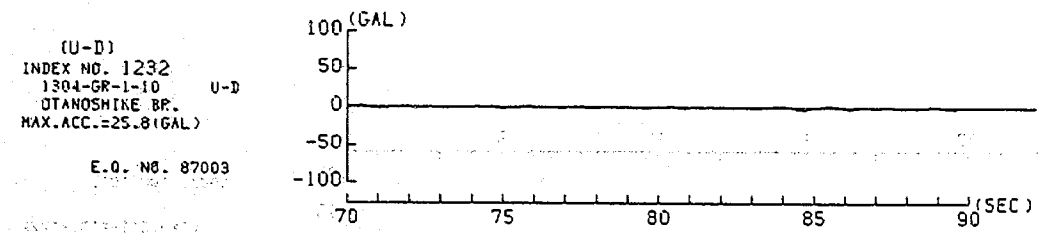


Figure 5-14-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1304-GR-1-10
INDEX NUMBER 1231 1232 1233

(14-2)





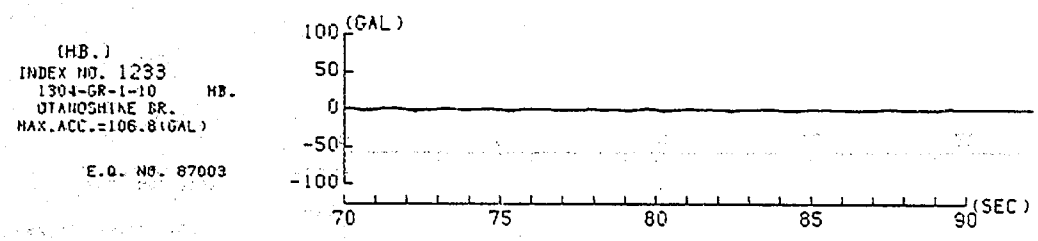


Figure 5-14-3 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE	NUMBER	87003
RECORD	NUMBER	1304-GR-1-10
INDEX	NUMBER	1231 1232 1233

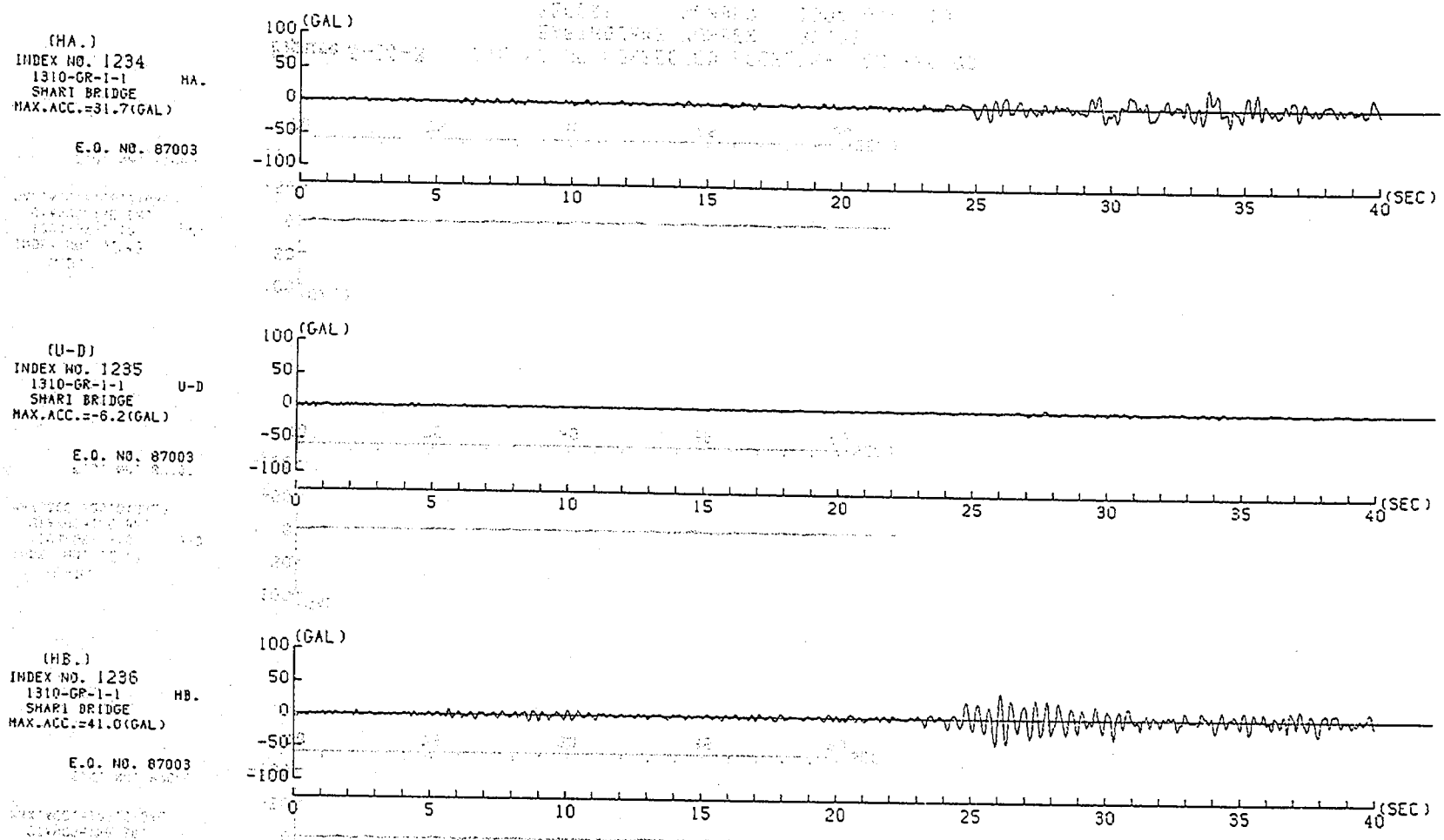


Figure 5-15-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1310-GR-1-1
INDEX NUMBER 1234 1235 1236

(15-1)

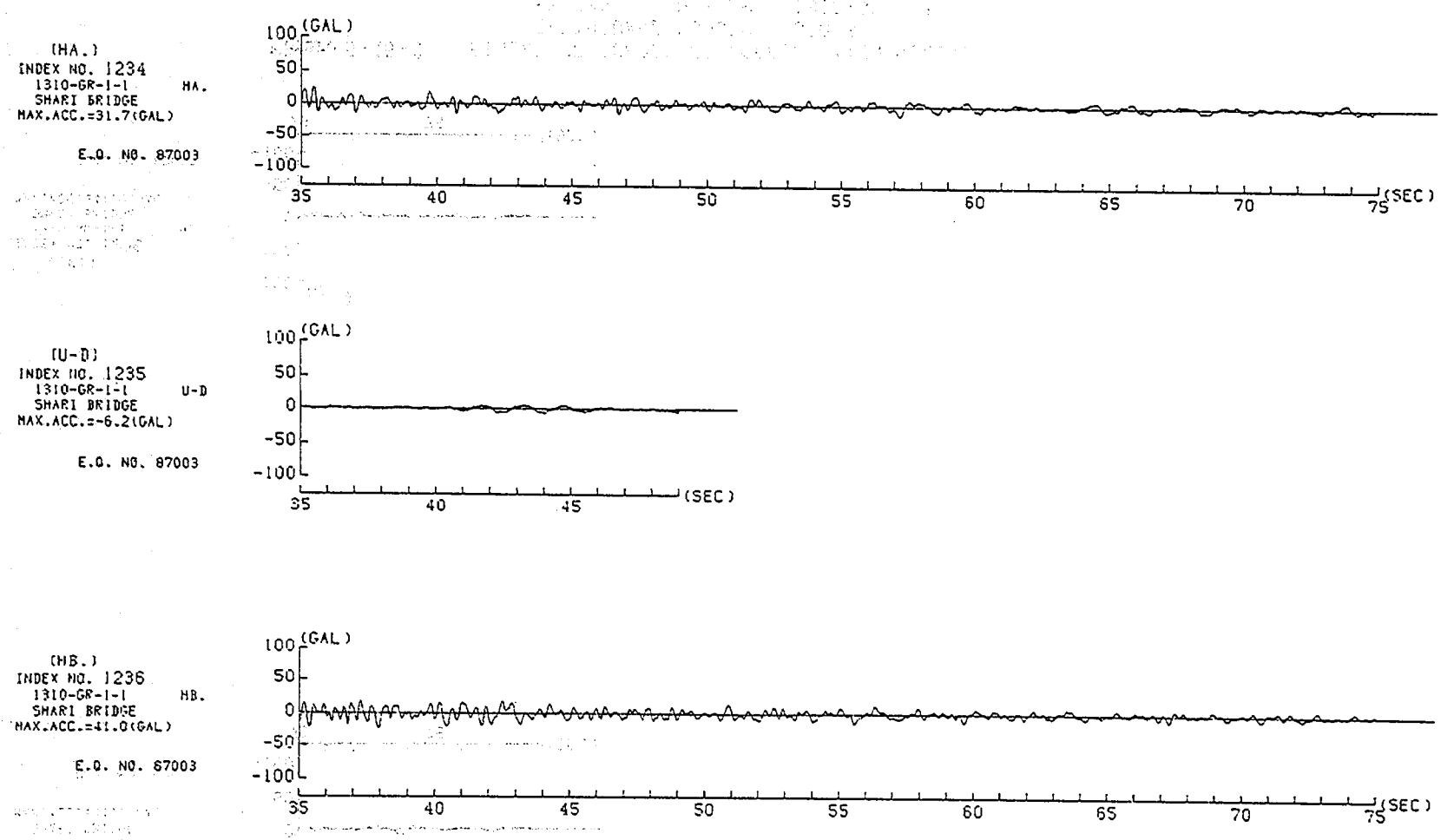
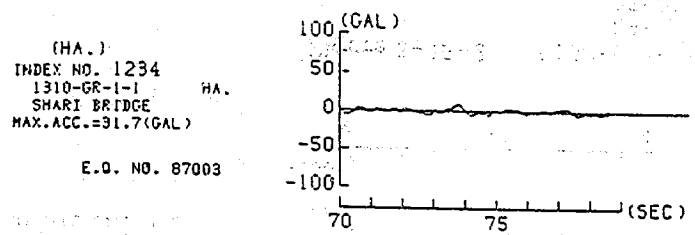


Figure 5-15-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1310-GR-1-1
INDEX NUMBER 1234 1235 1236

(15-2)



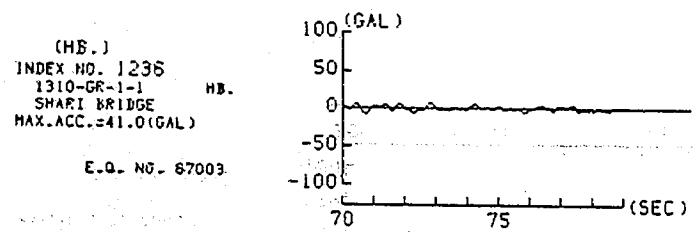


Figure 5-15-3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1310-GR-1-1
INDEX NUMBER 1234 1235 1236

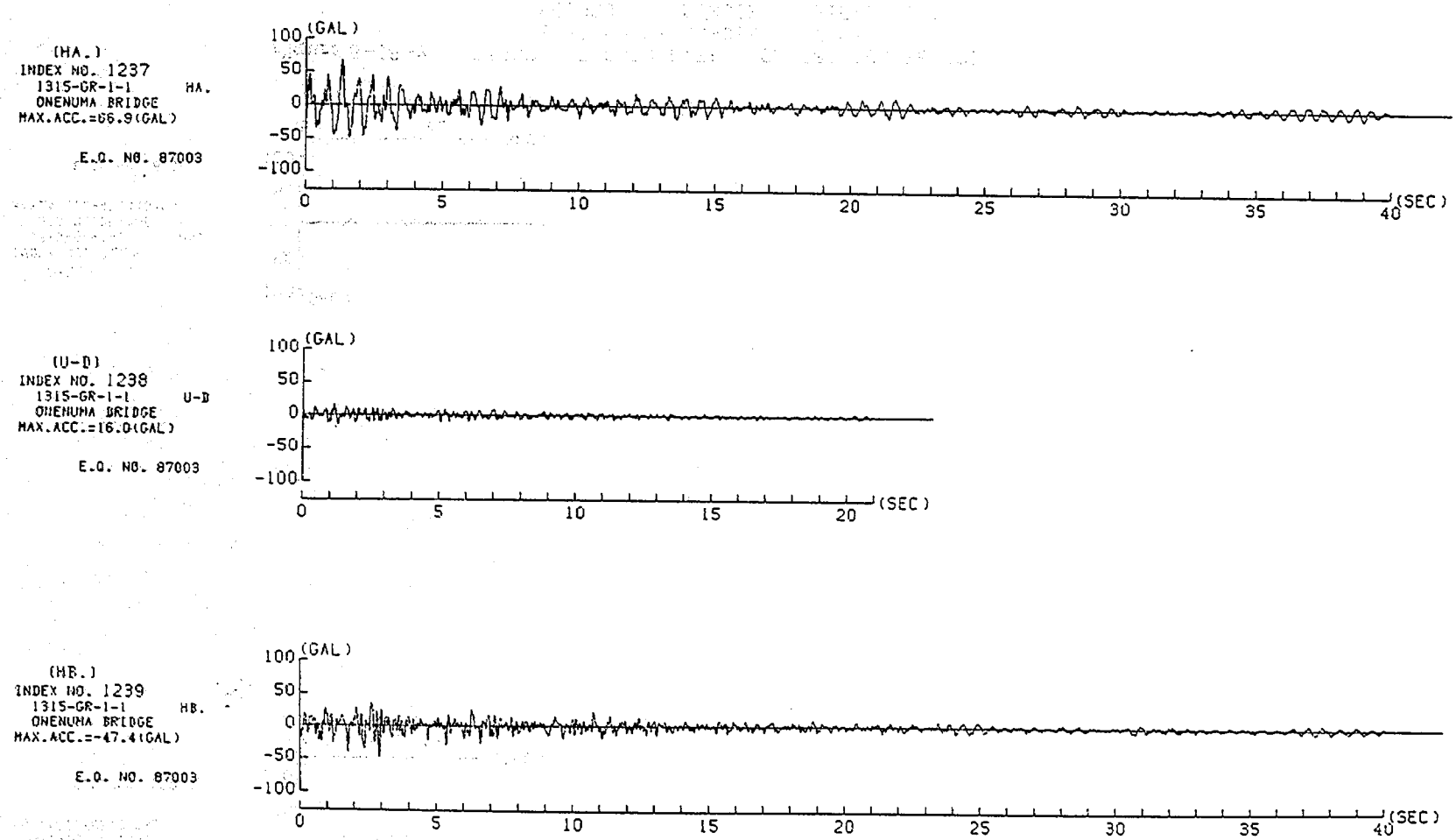
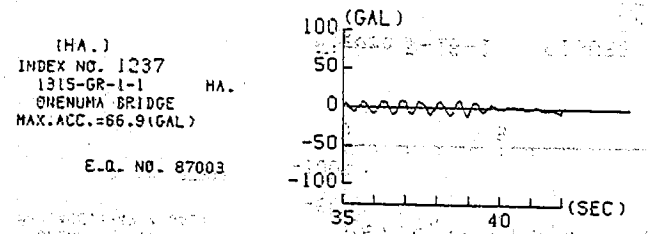


Figure 5-16-1 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE NUMBER 87003
RECORD NUMBER 1315-GR-1-1
INDEX NUMBER 1237 1238 1239

(16-1)



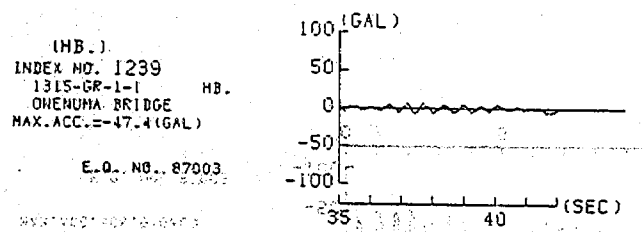


Figure 5-16-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1315-GR-1-1
INDEX NUMBER 1237 1238 1239

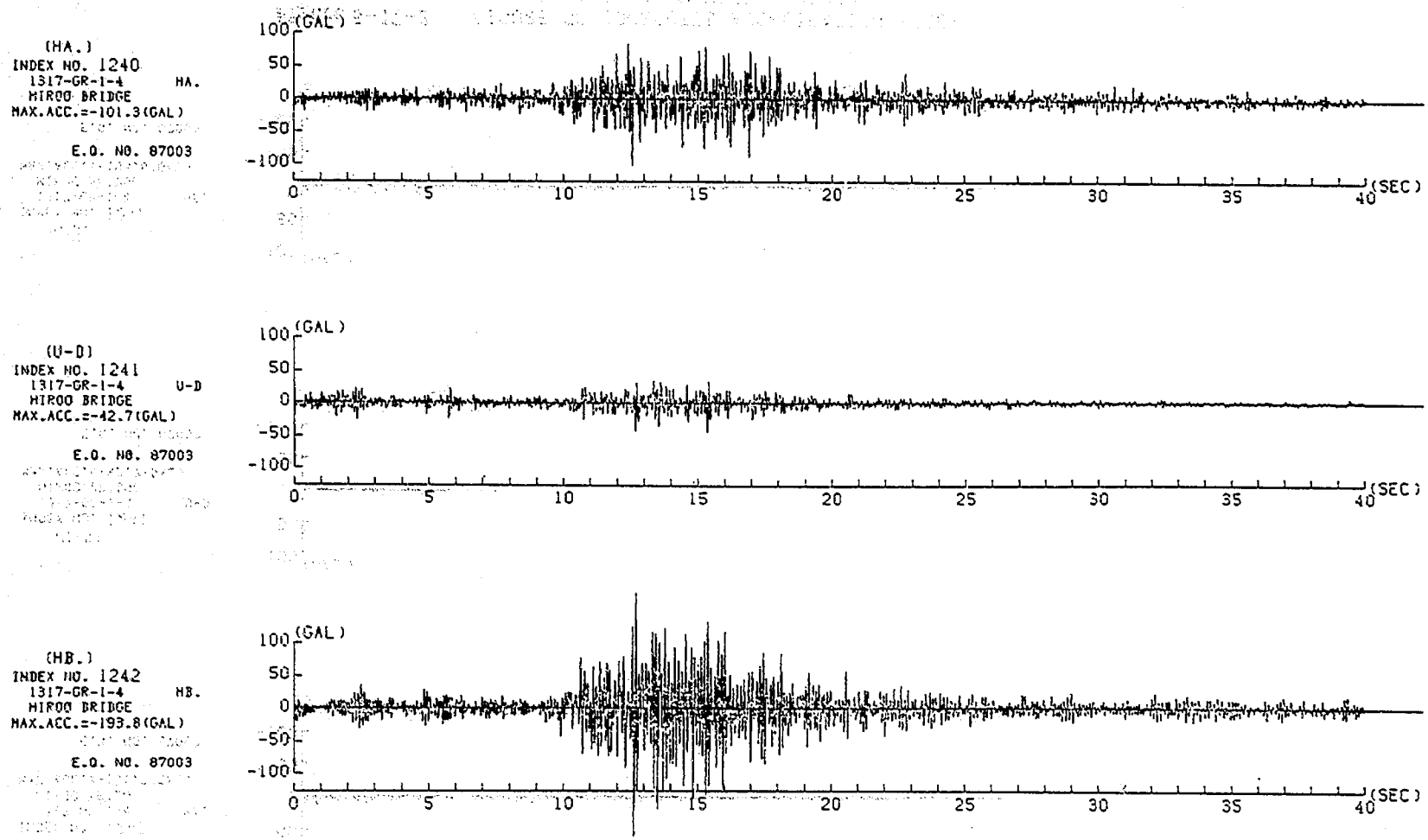


Figure 5-17-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1317-GR-1-4
INDEX NUMBER 1240 1241 1242

(17-1)

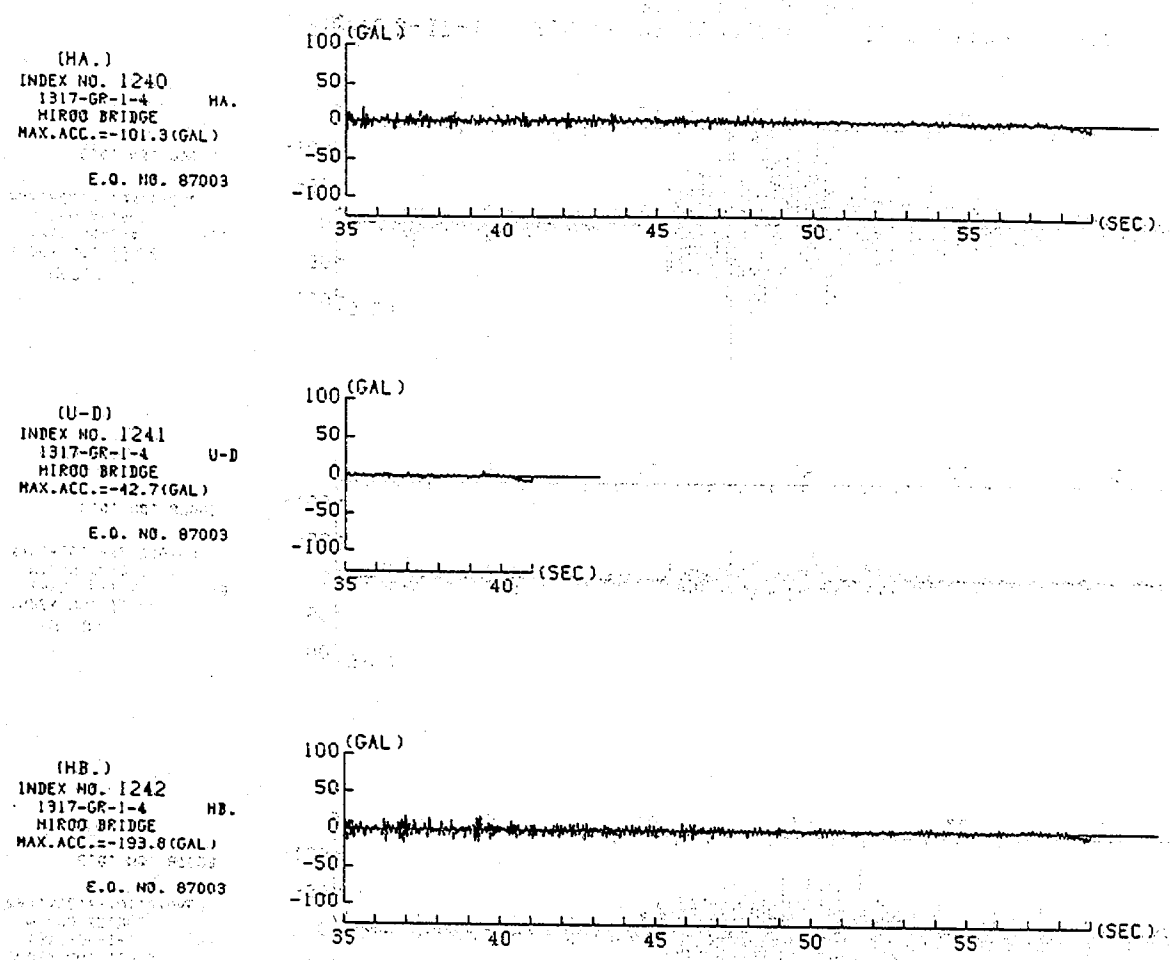
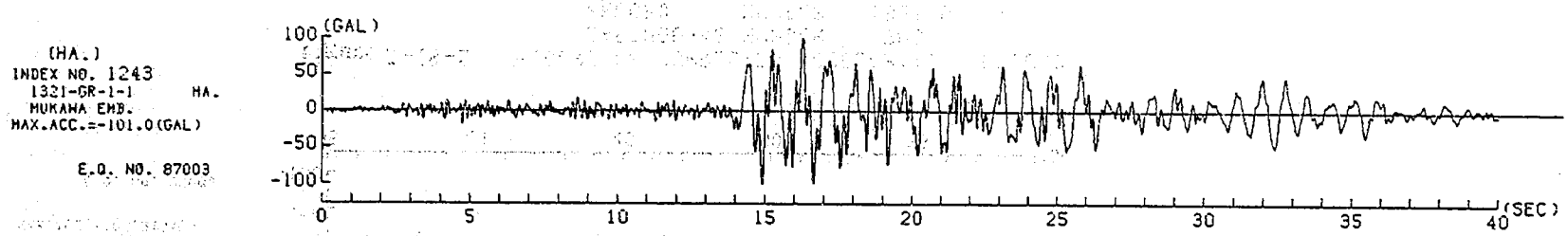


Figure 5-17-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1317-GR-1-4
INDEX NUMBER 1240 1241 1242



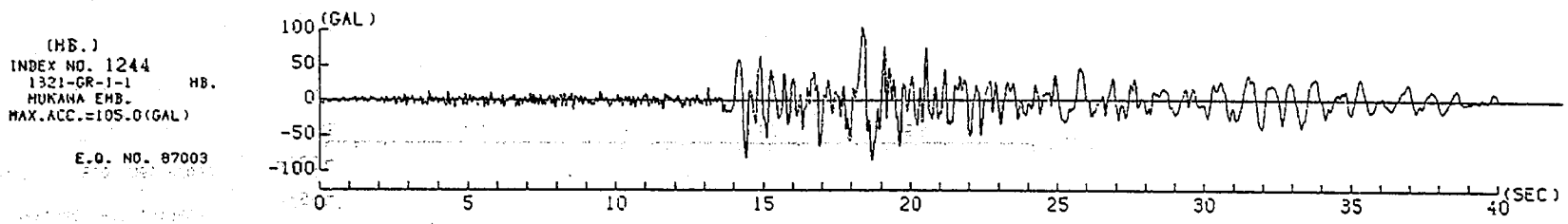
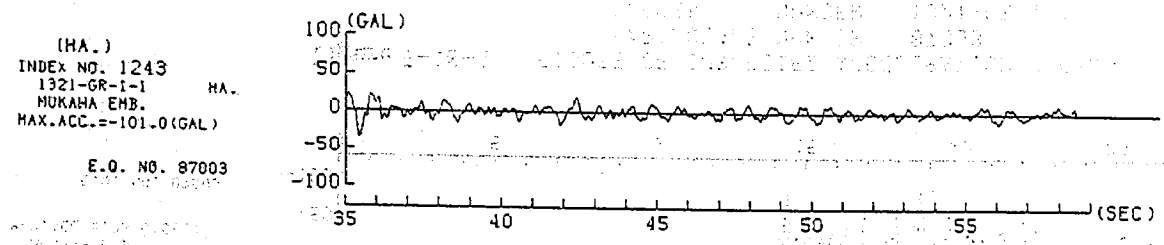


Figure 5-18-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1321-GR-1-1
INDEX NUMBER 1243 1244

(18-1)



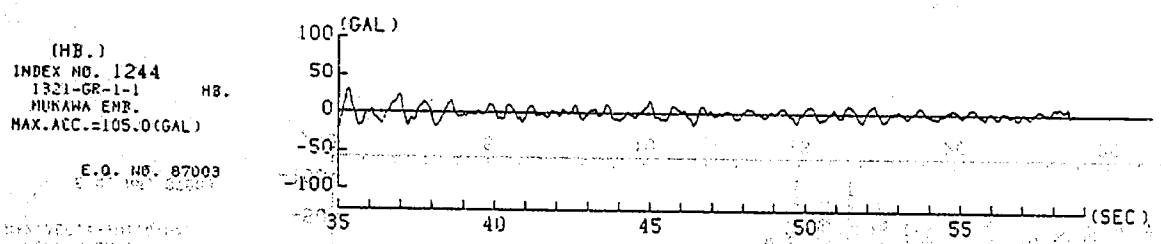


Figure 5-18-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1321-GR-1-1
INDEX NUMBER 1243 1244

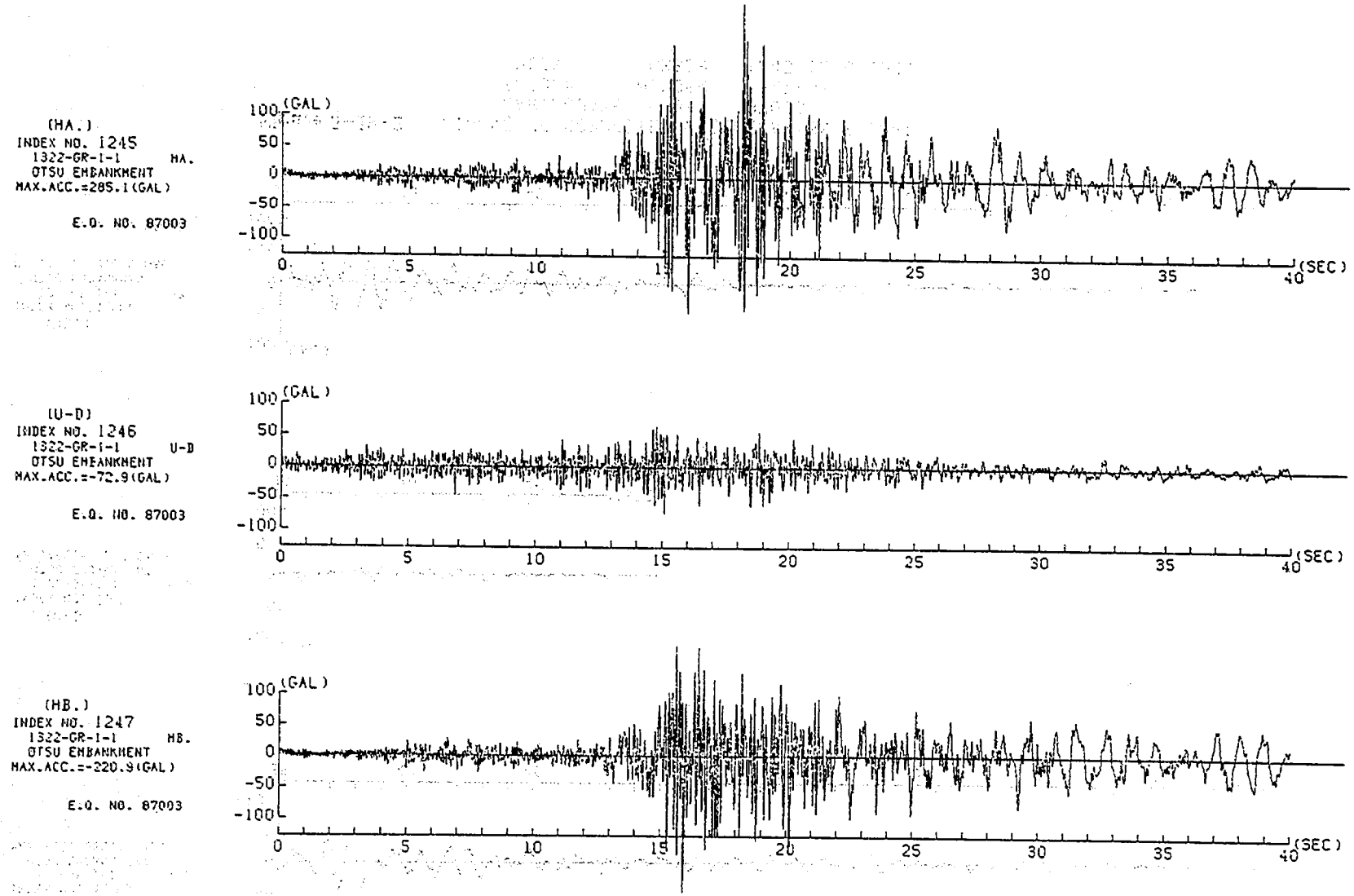


Figure 5-19-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1322-GR-1-1
INDEX NUMBER 1245 1246 1247

(19-1)

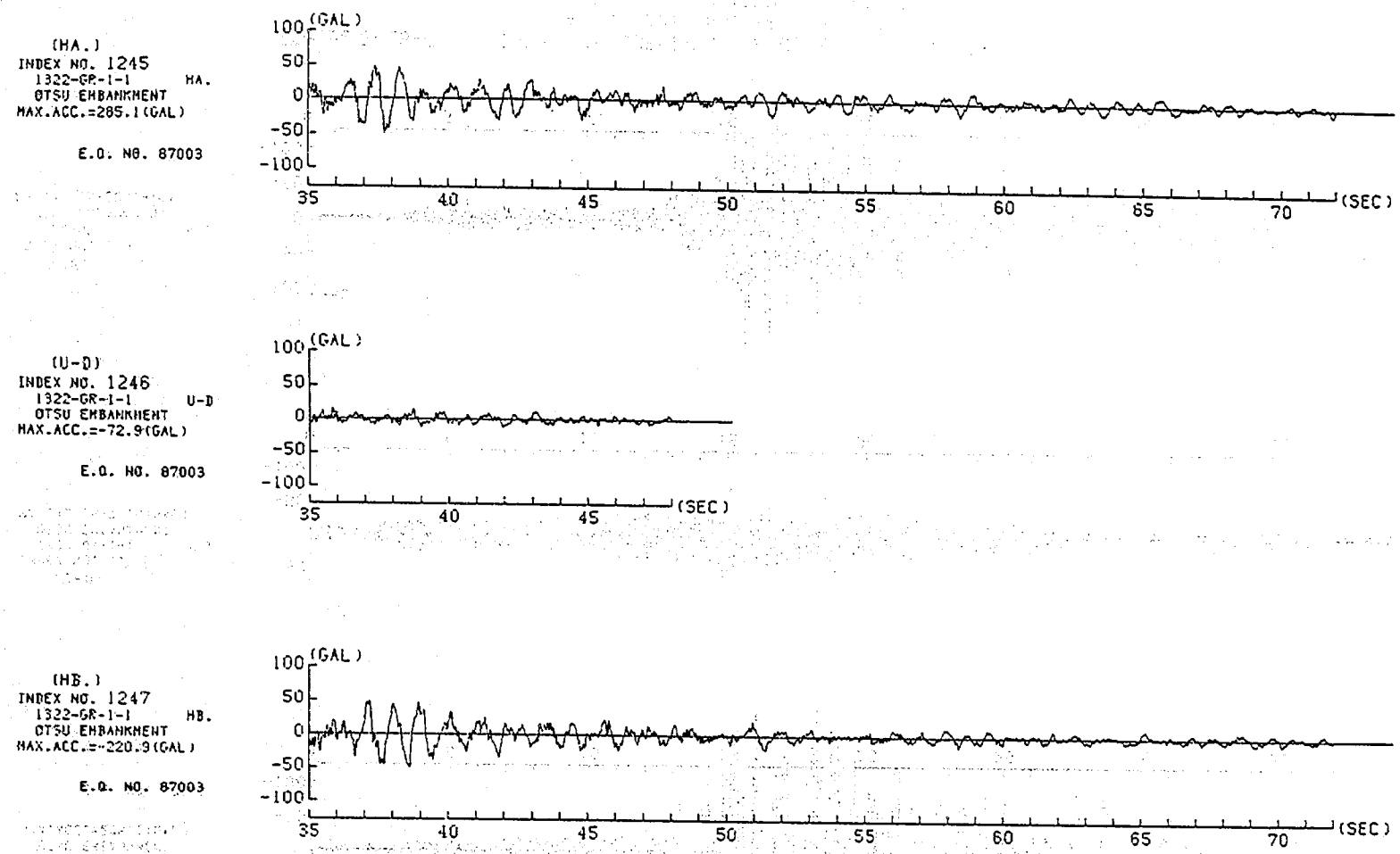


Figure 5-19-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1322-GR-1-1
INDEX NUMBER 1245 1246 1247

(19-2)

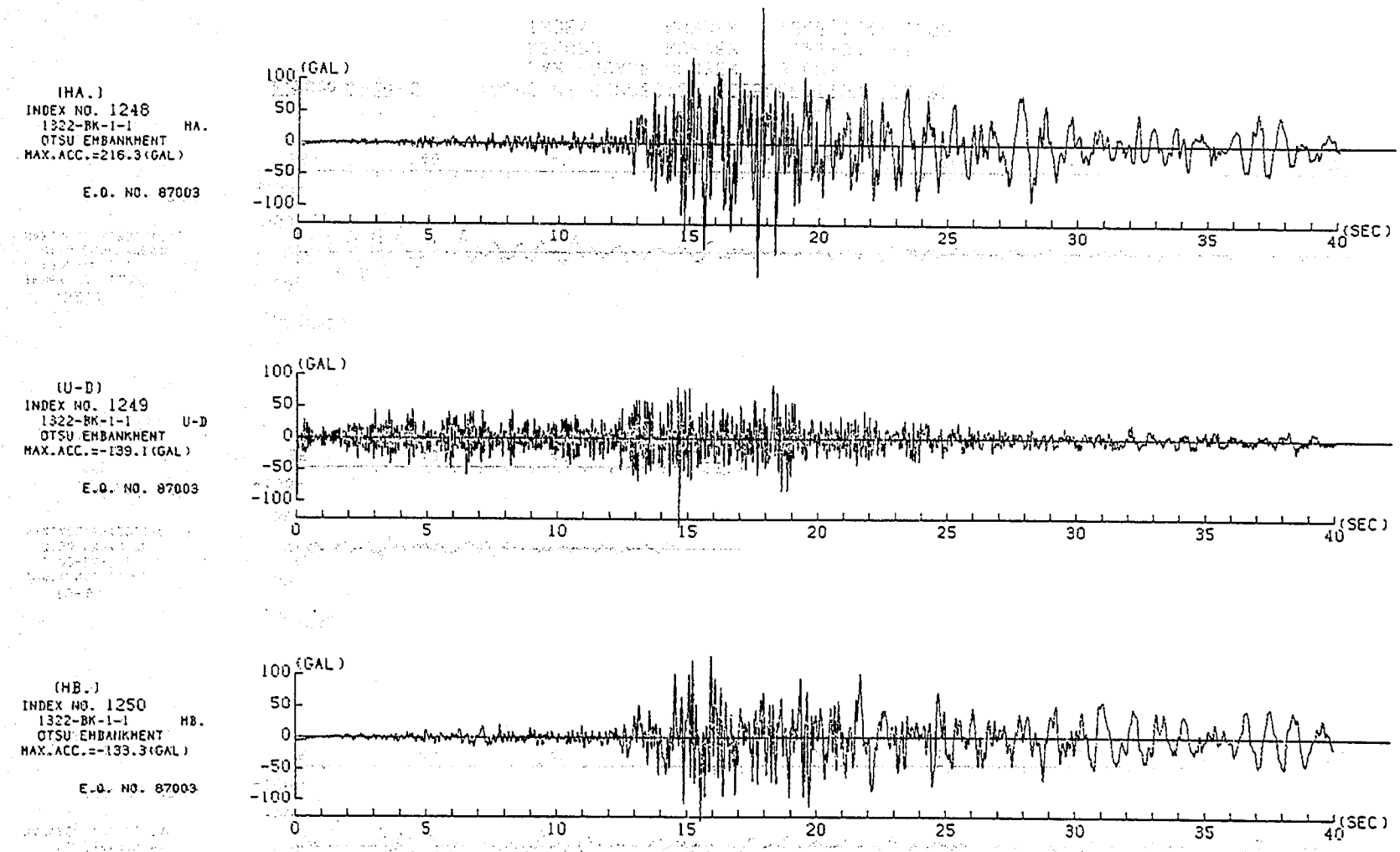


Figure 5-20-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1322-BK-1-1
INDEX NUMBER 1248 1249 1250

(20-1)

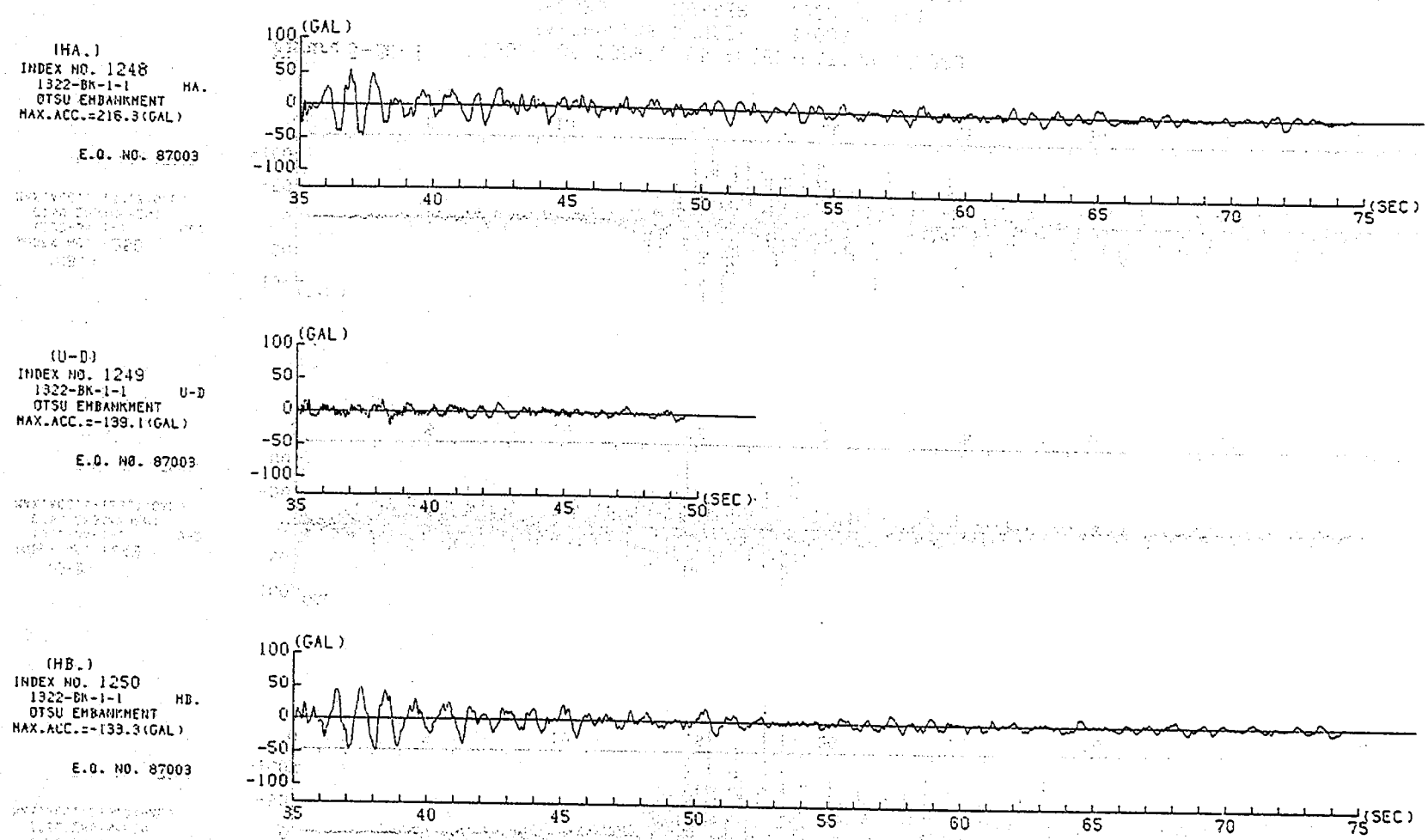


Figure 5-20-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1322-BK-1-1
INDEX NUMBER 1248 1249 1250

(20-2)

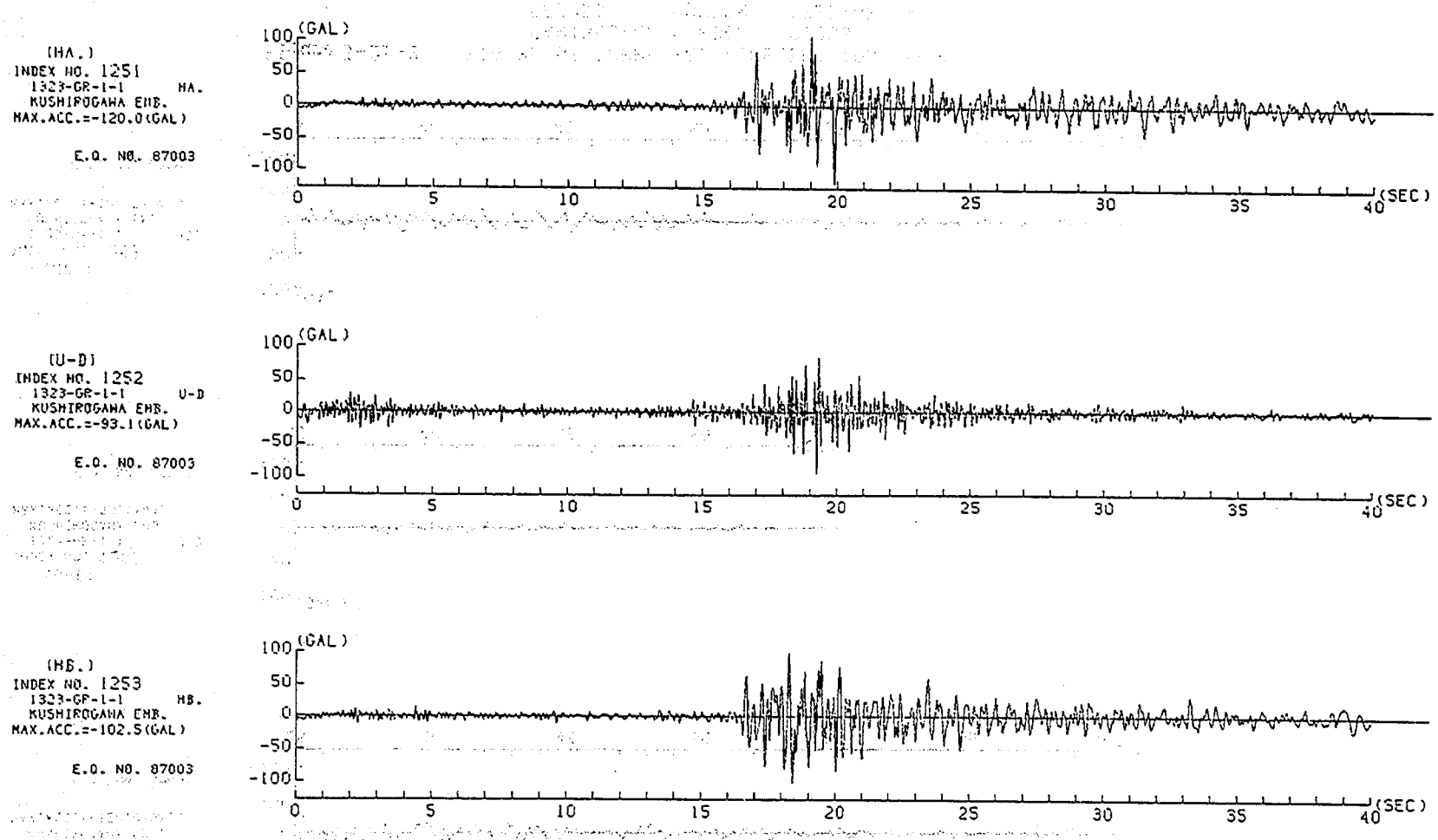
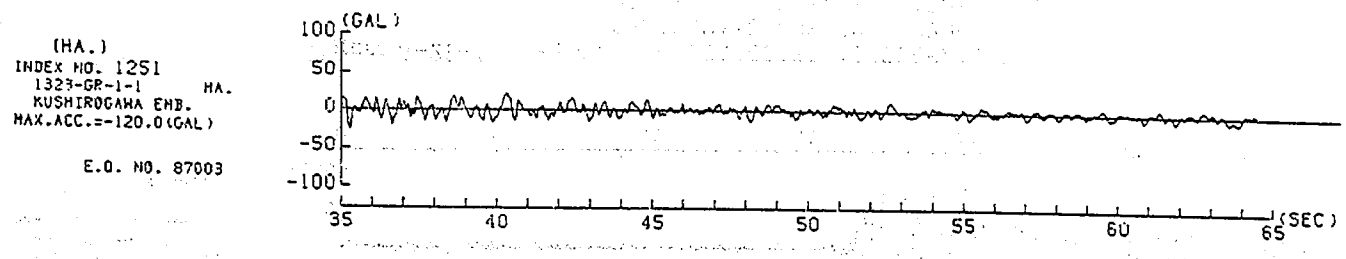
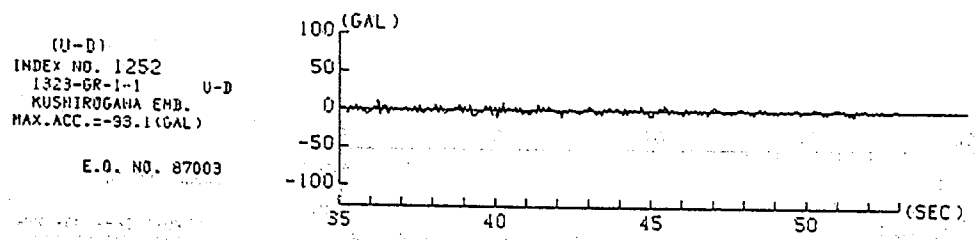


Figure 5-21-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1323-GR-1-1
INDEX NUMBER 1251 1252 1253

(21-1)





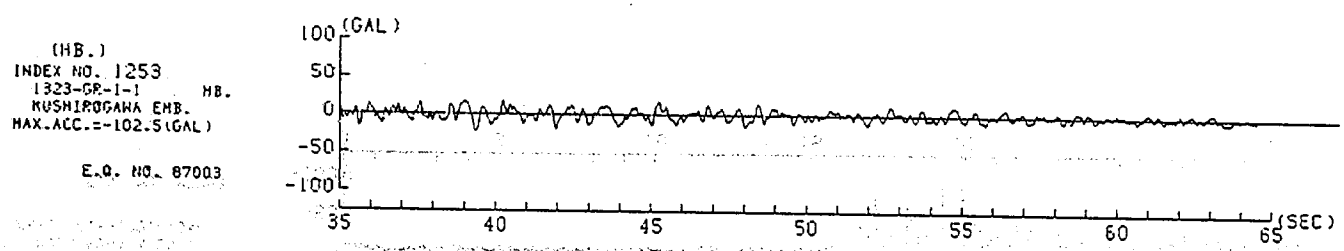


Figure 5-21-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1323-GR-1-1
INDEX NUMBER 1251 1252 1253

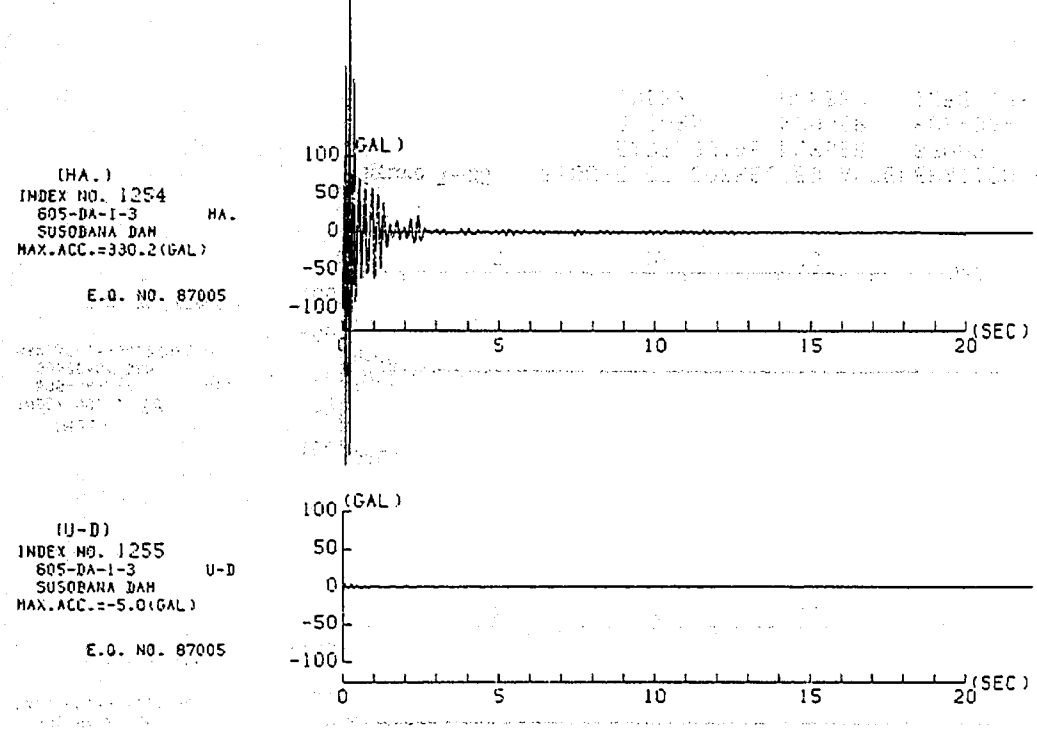


Figure 5-22 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87005
RECORD NUMBER 605-DA-1-3
INDEX NUMBER 1254 1255

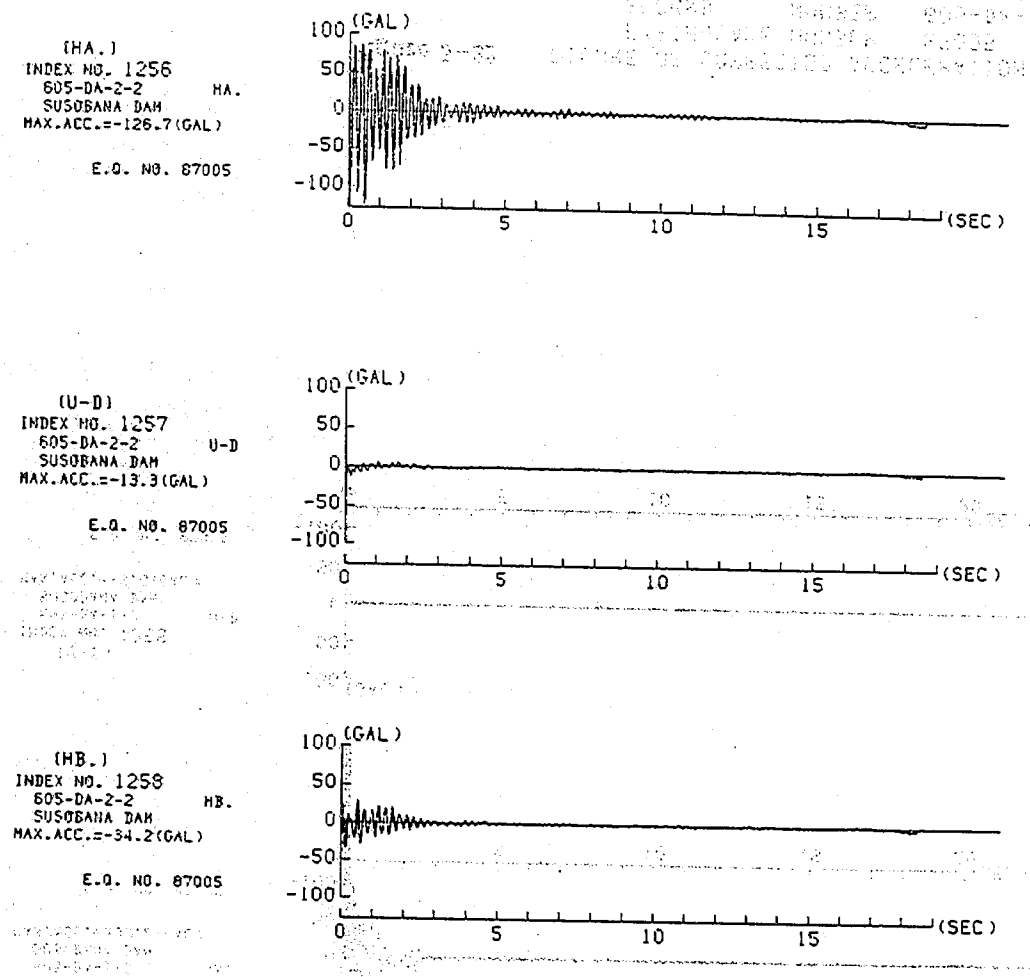


Figure 5-23 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87005
RECORD NUMBER 605-DA-2-2
INDEX NUMBER 1256 1257 1258

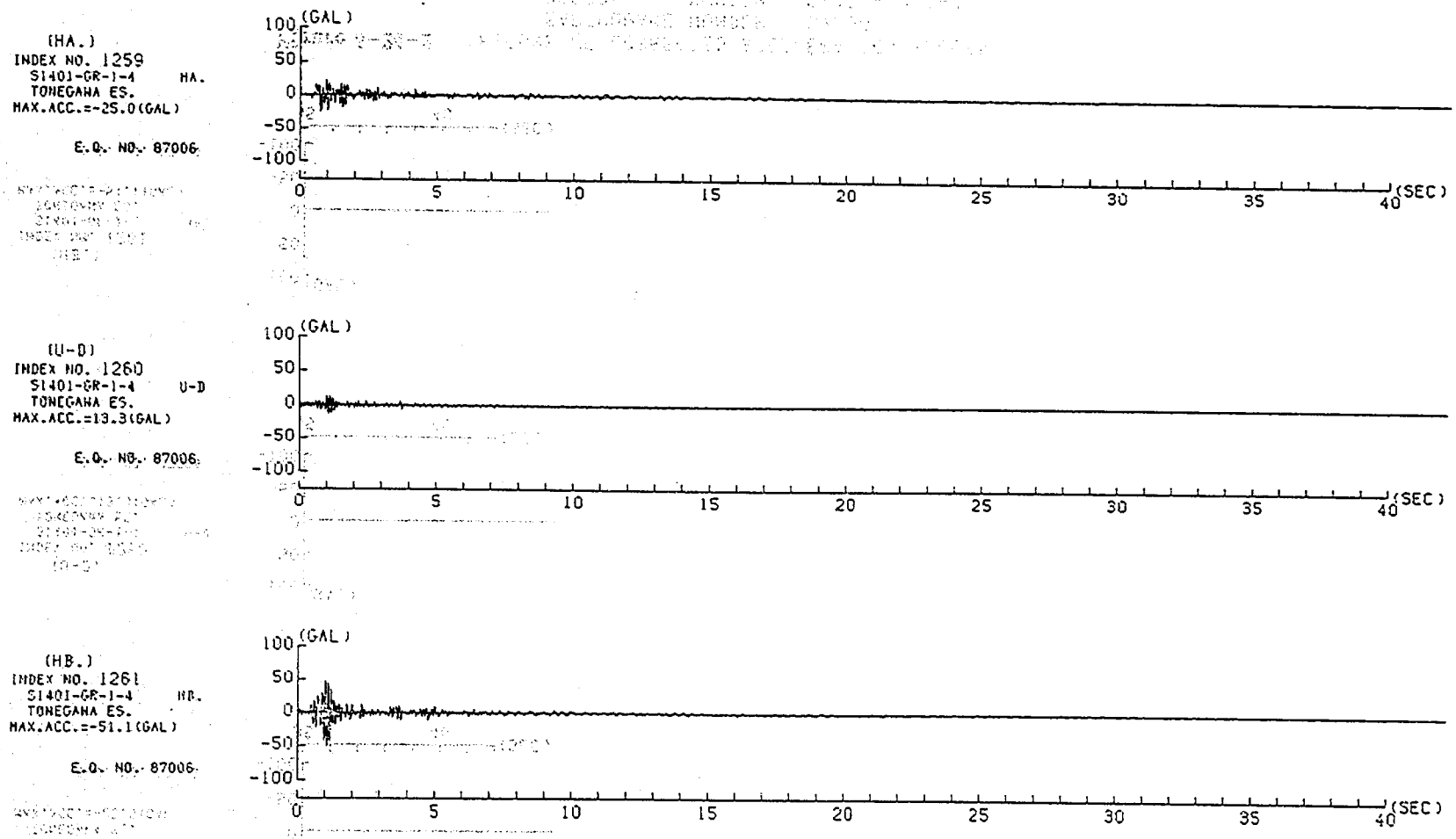
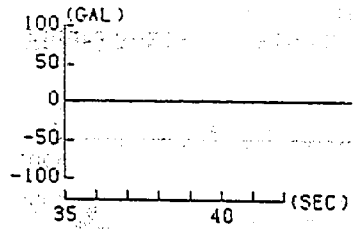


Figure 5-24-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87006
RECORD NUMBER S1401-GR-1-4
INDEX NUMBER 1259 1260 1261

(24-1)

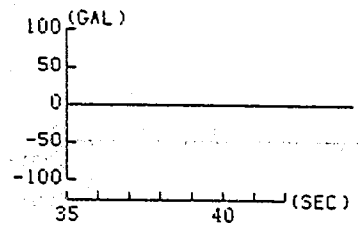
(HA.)
INDEX NO. 1259
S1401-GR-1-4 HA.
TONEGAWA ES.
MAX.ACC.=-25.0(GAL)

E.Q. NO. 87006



(U-D)
INDEX NO. 1260
S1401-GR-1-4 U-D
TONEGAWA ES.
MAX.ACC.=13.3(GAL)

E.Q. NO. 87006



(HB.)
INDEX NO. 1261
S1401-GR-1-4 HB.
TONEGAWA ES.
MAX.ACC.=-51.1(GAL)

E.Q. NO. 87006

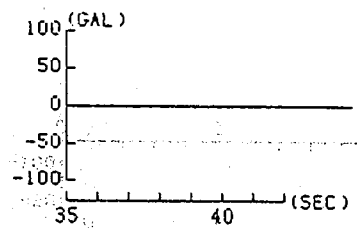


Figure 5-24-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87006
RECORD NUMBER S1401-GR-1-4
INDEX NUMBER 1259 1260 1261

(24-2)

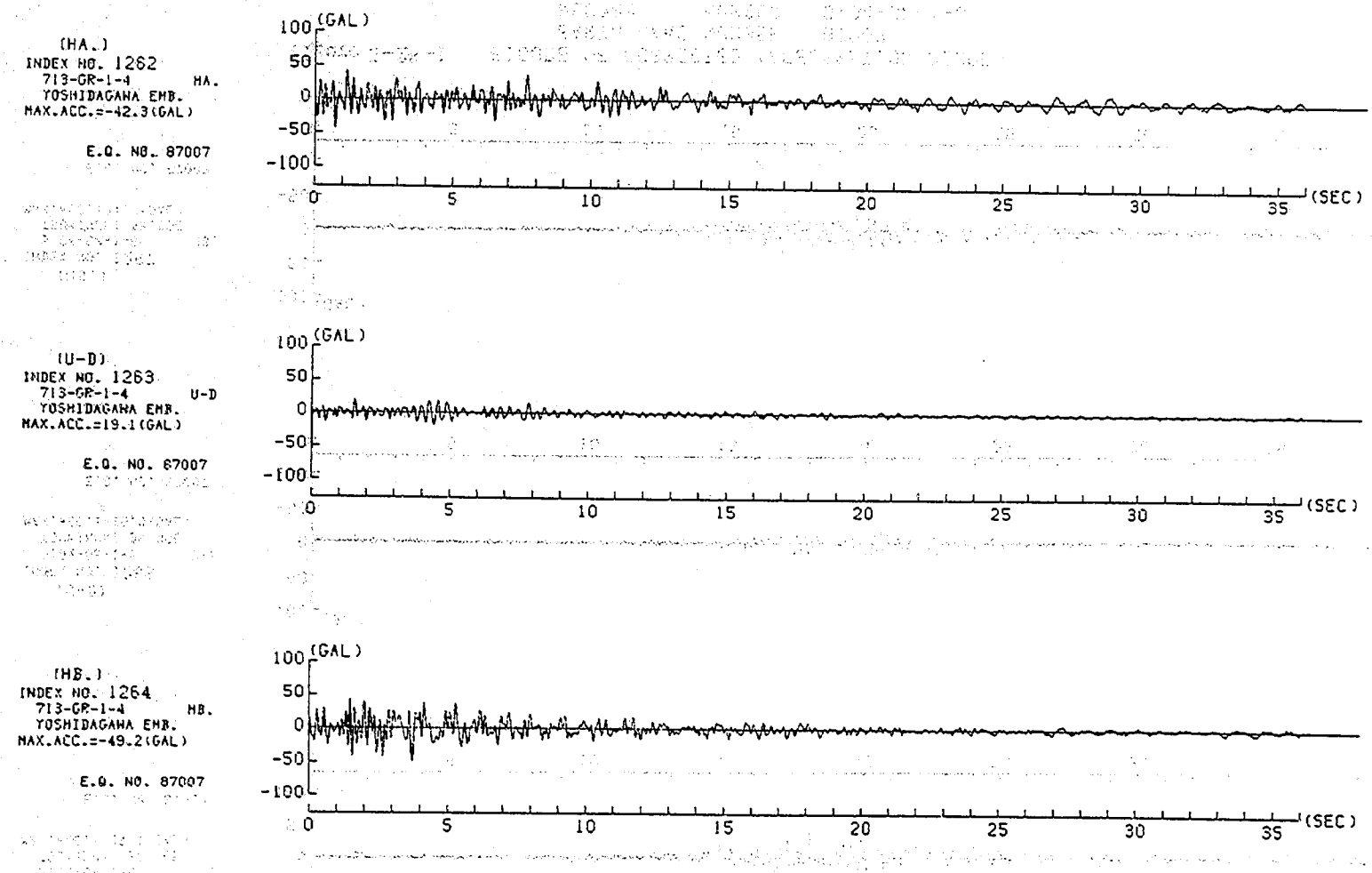


Figure 5-25 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87007
RECORD NUMBER 713-GR-1-4
INDEX NUMBER 1262 1263 1264

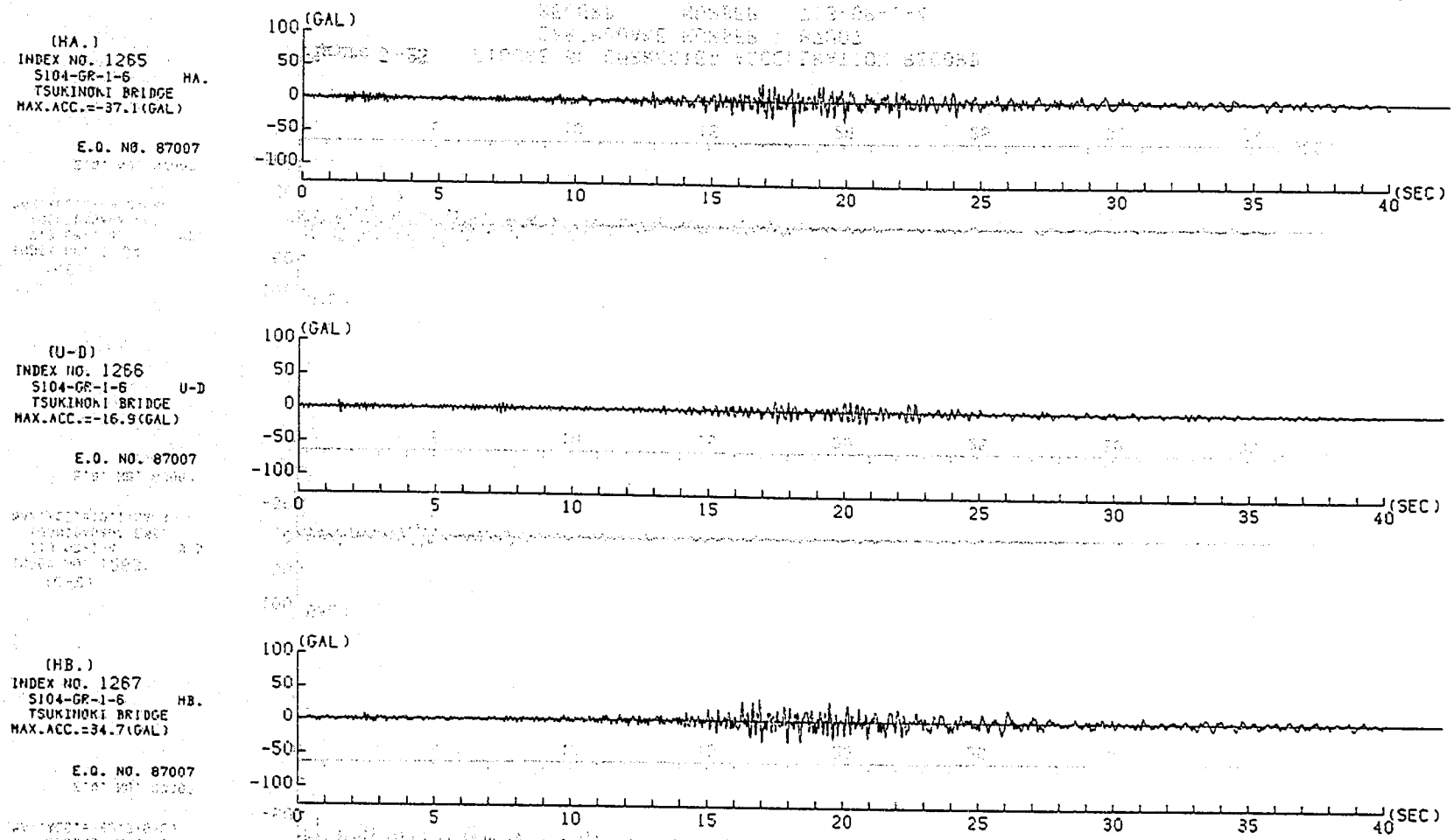


Figure 5-26-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87007
RECORD NUMBER S104-GR-1-6
INDEX NUMBER 1265 1266 1267

(26-1)

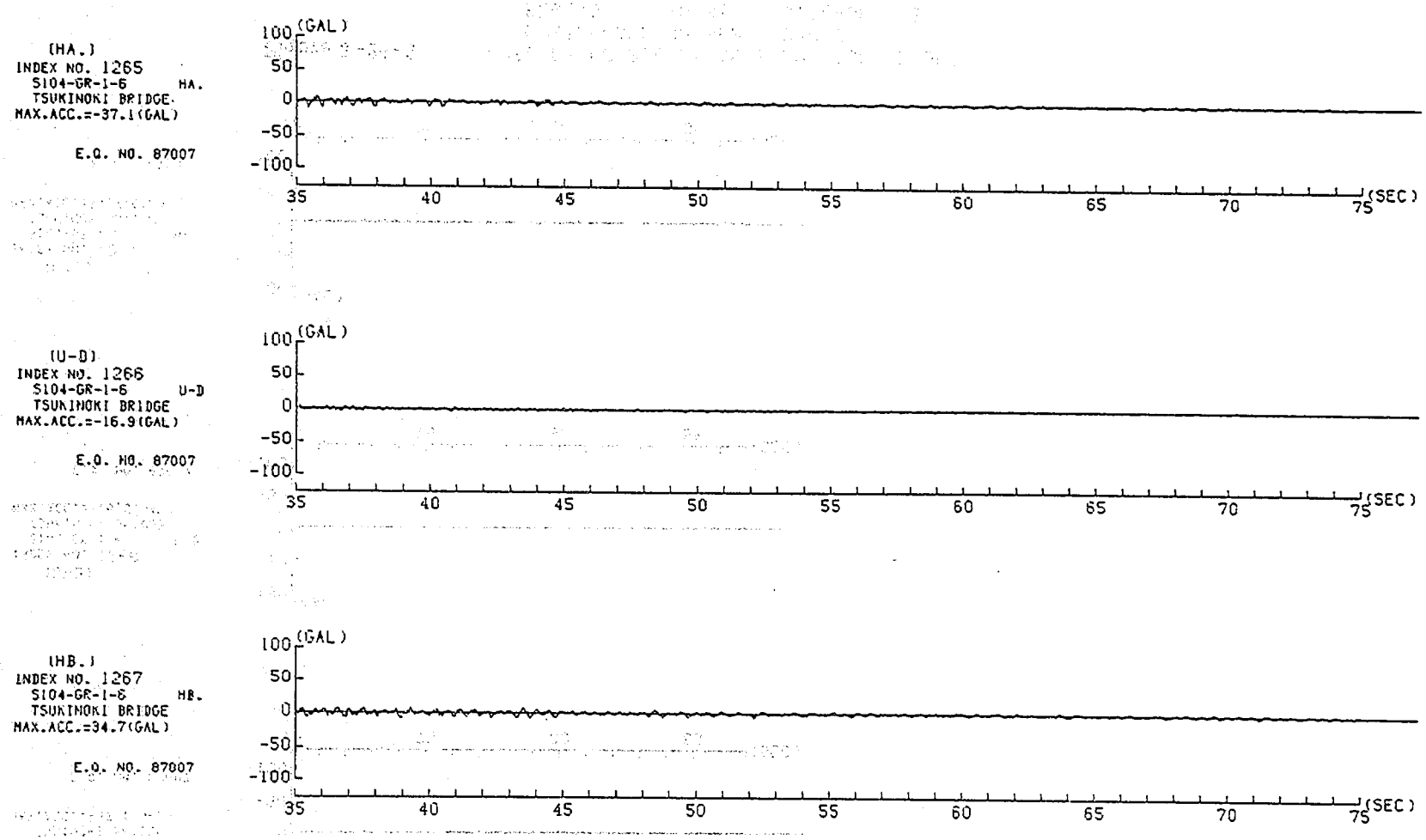
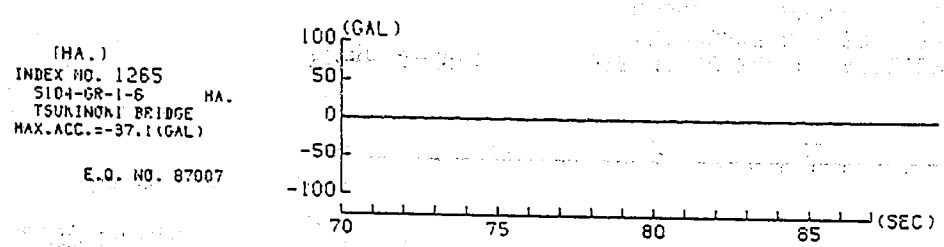
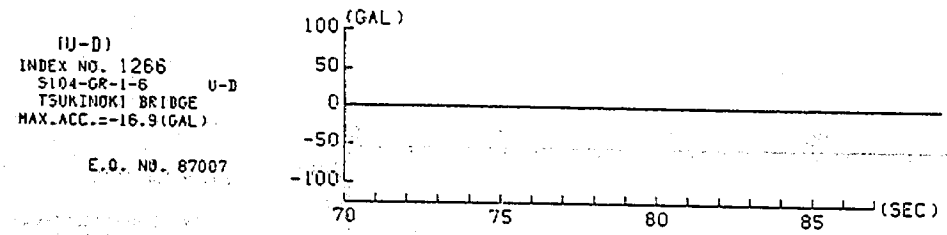


Figure 5-26-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87007
RECORD NUMBER S104-GR-1-6
INDEX NUMBER 1265 1266 1267

(26-2)





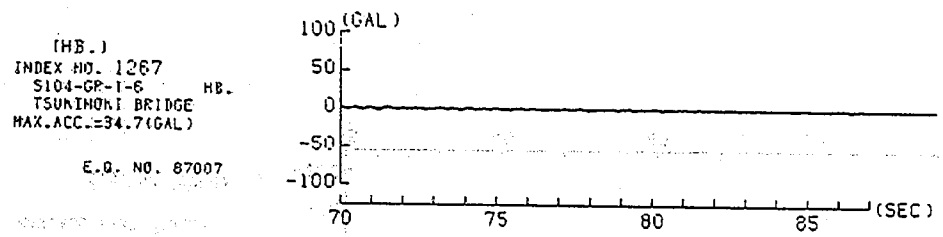


Figure 5-26-3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87007
RECORD NUMBER S104-GR-1-6
INDEX NUMBER 1265 1266 1267

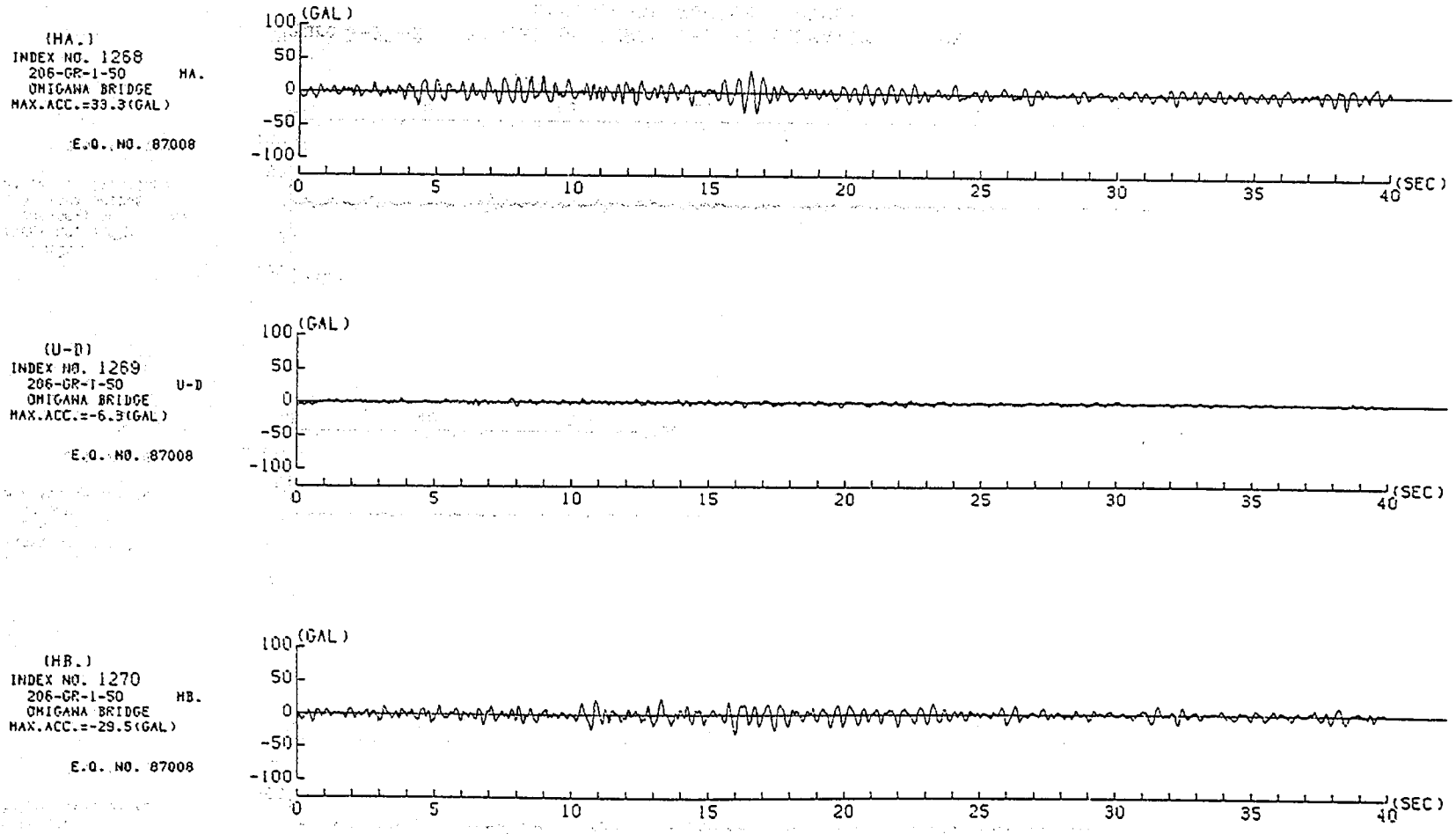
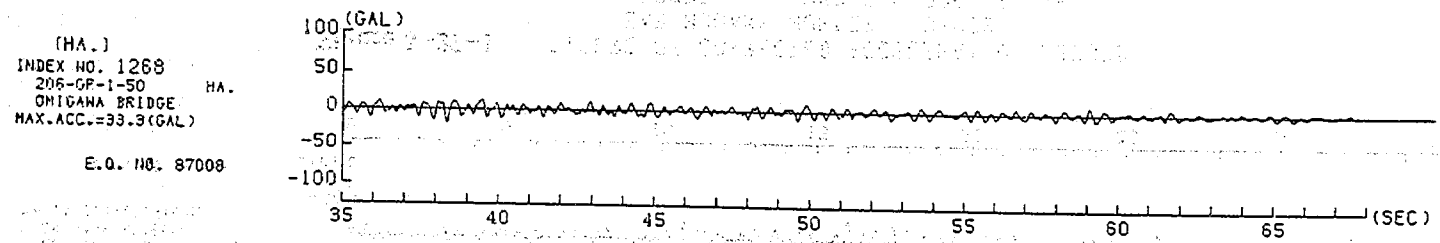
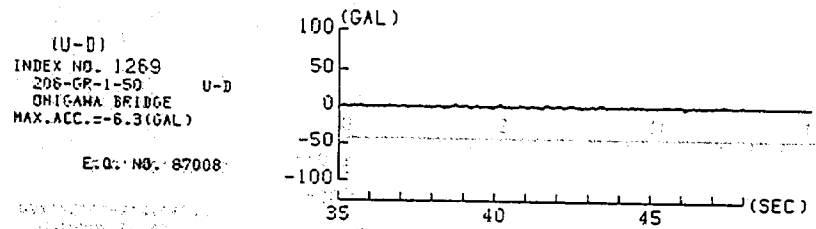


Figure 5-27-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER 206-GR-1-50
INDEX NUMBER 1268 1269 1270

(27-1)





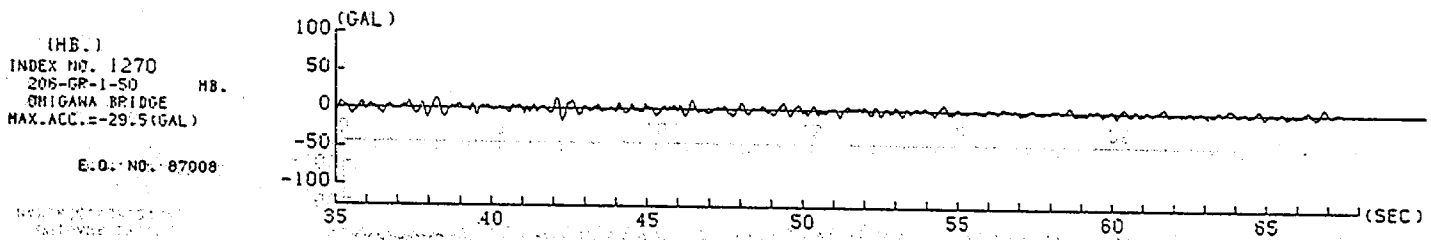


Figure 5-27-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER 206-GR-1-50
INDEX NUMBER 1268 1269 1270

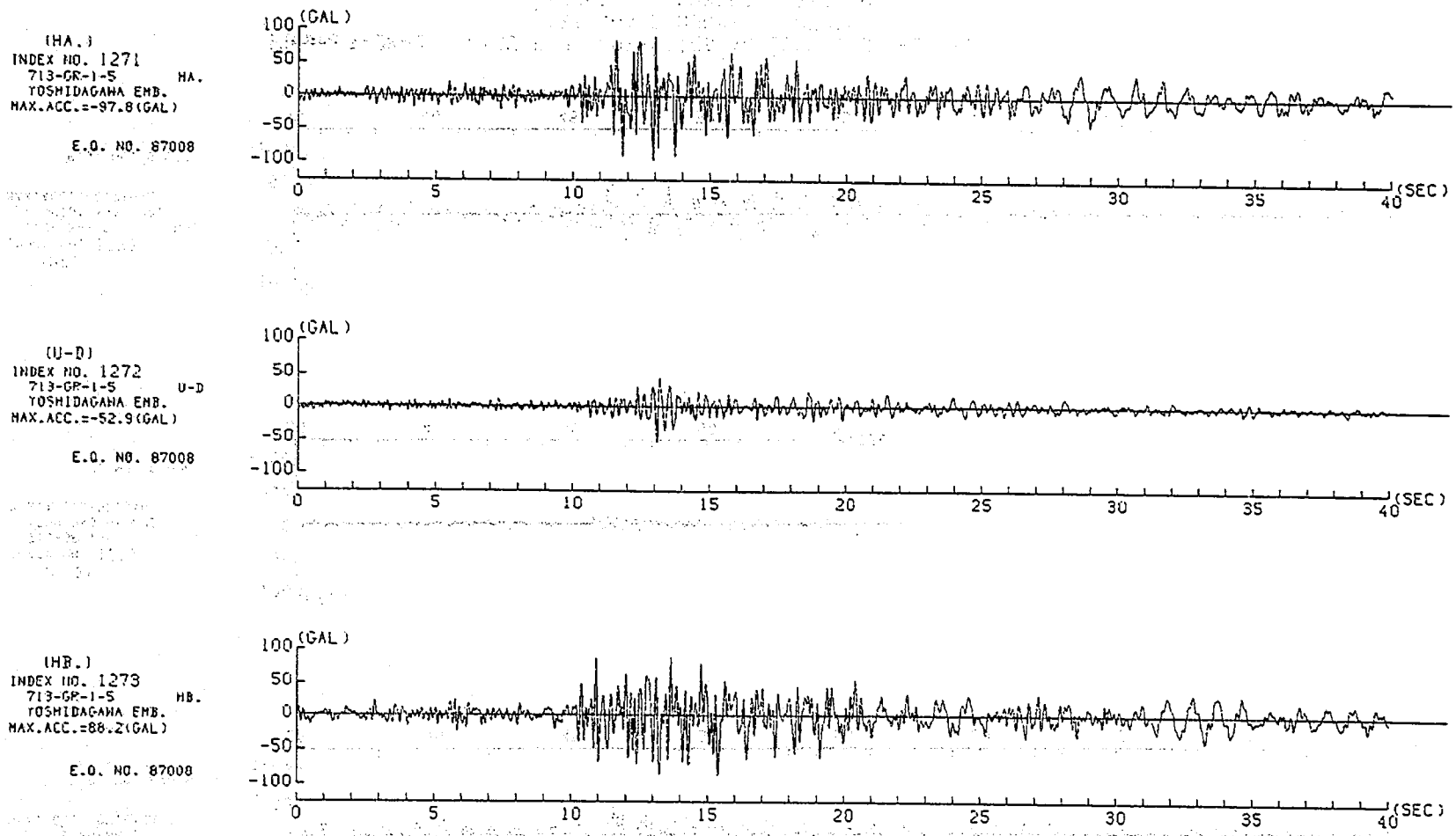


Figure 5-28-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER 713-GR-1-5
INDEX NUMBER 1271 1272 1273

(28-1)

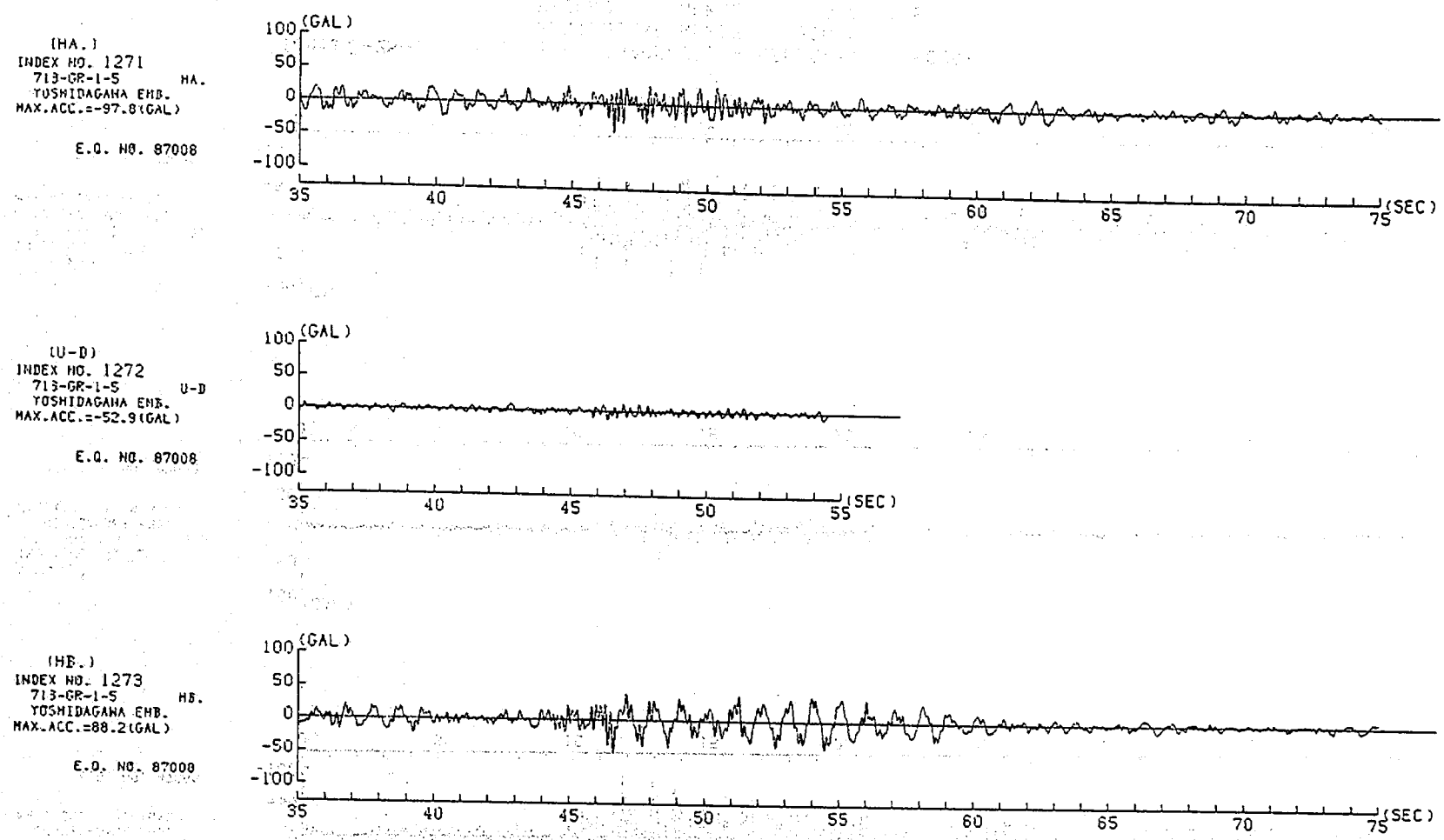
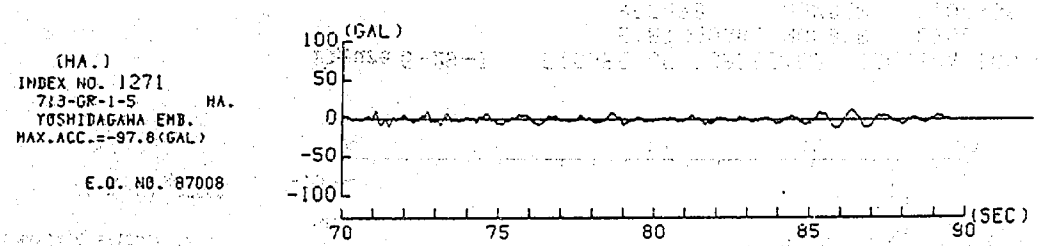


Figure 5-28-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER 713-GR-1-5
INDEX NUMBER 1271 1272 1273

(28-2)



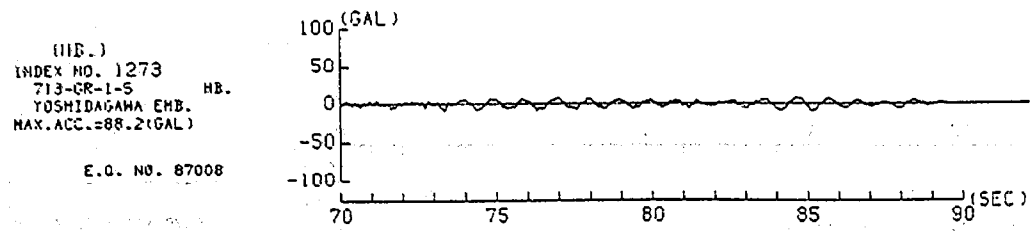


Figure 5-28-3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER 713-GR-1-5
INDEX NUMBER 1271 1272 1273

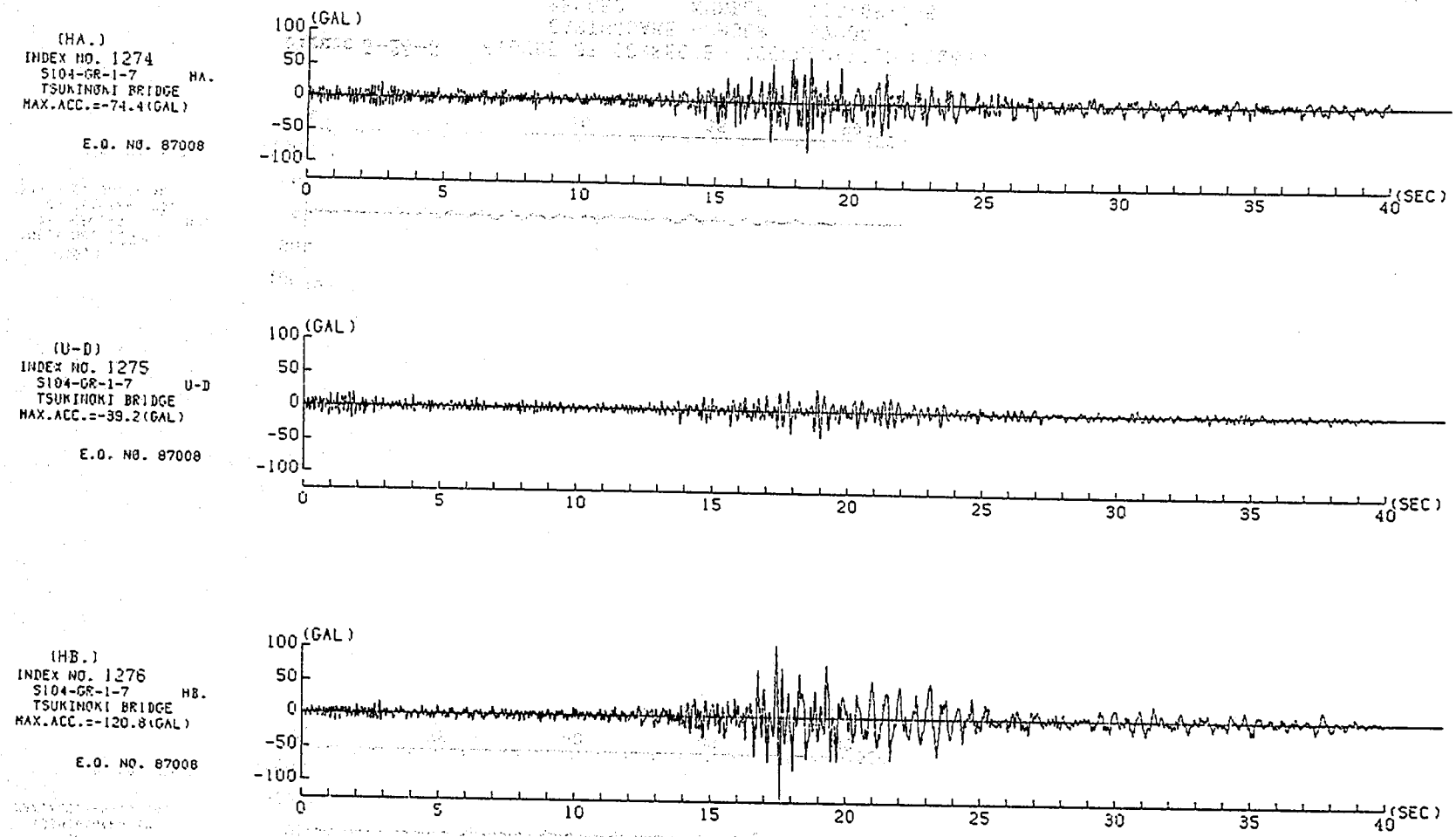


Figure 5-29-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER S104-GR-1-7
INDEX NUMBER 1274 1275 1276

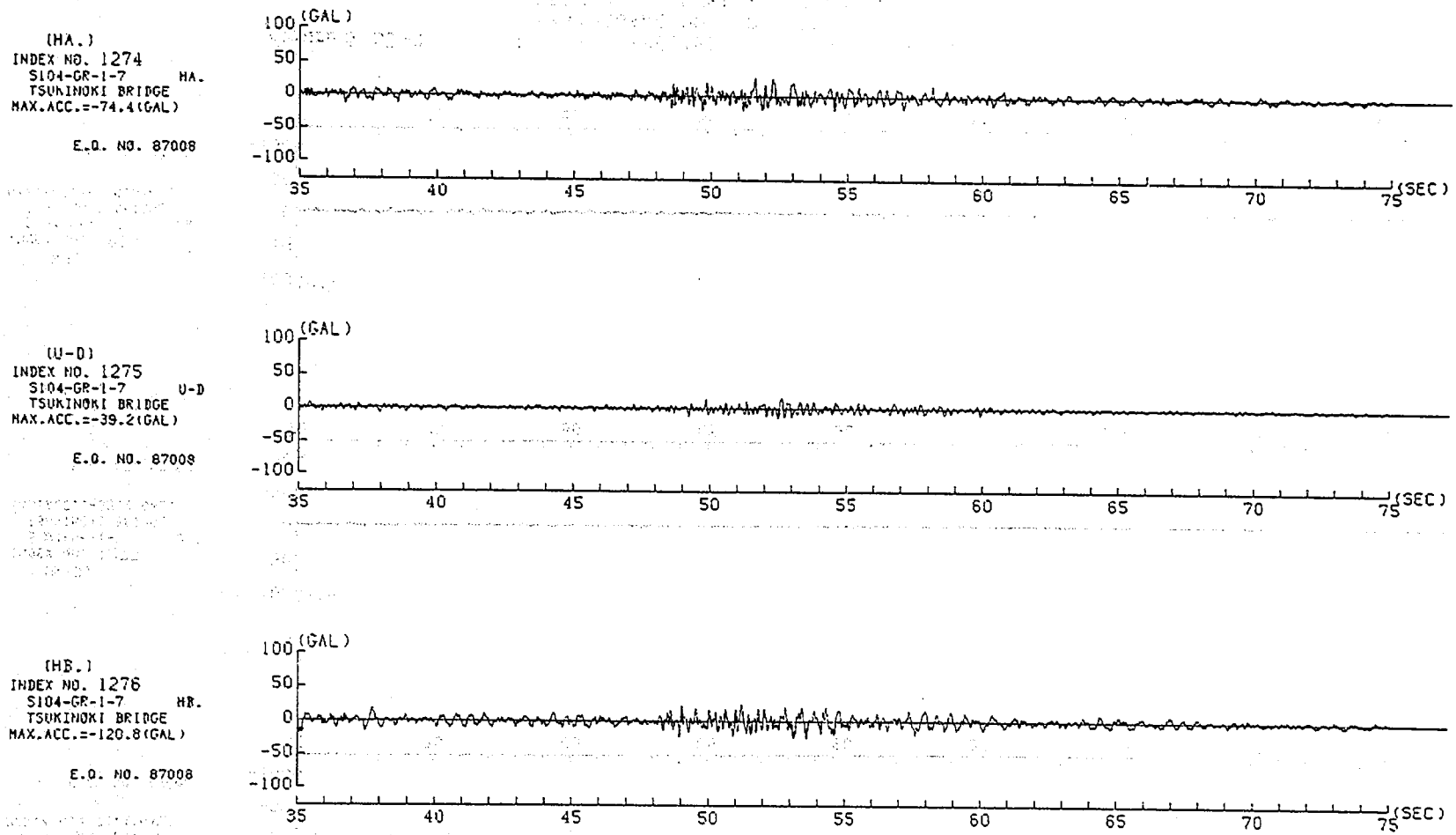


Figure 5-29-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER S104-GR-1-7
INDEX NUMBER 1274 1275 1276

(29-2)

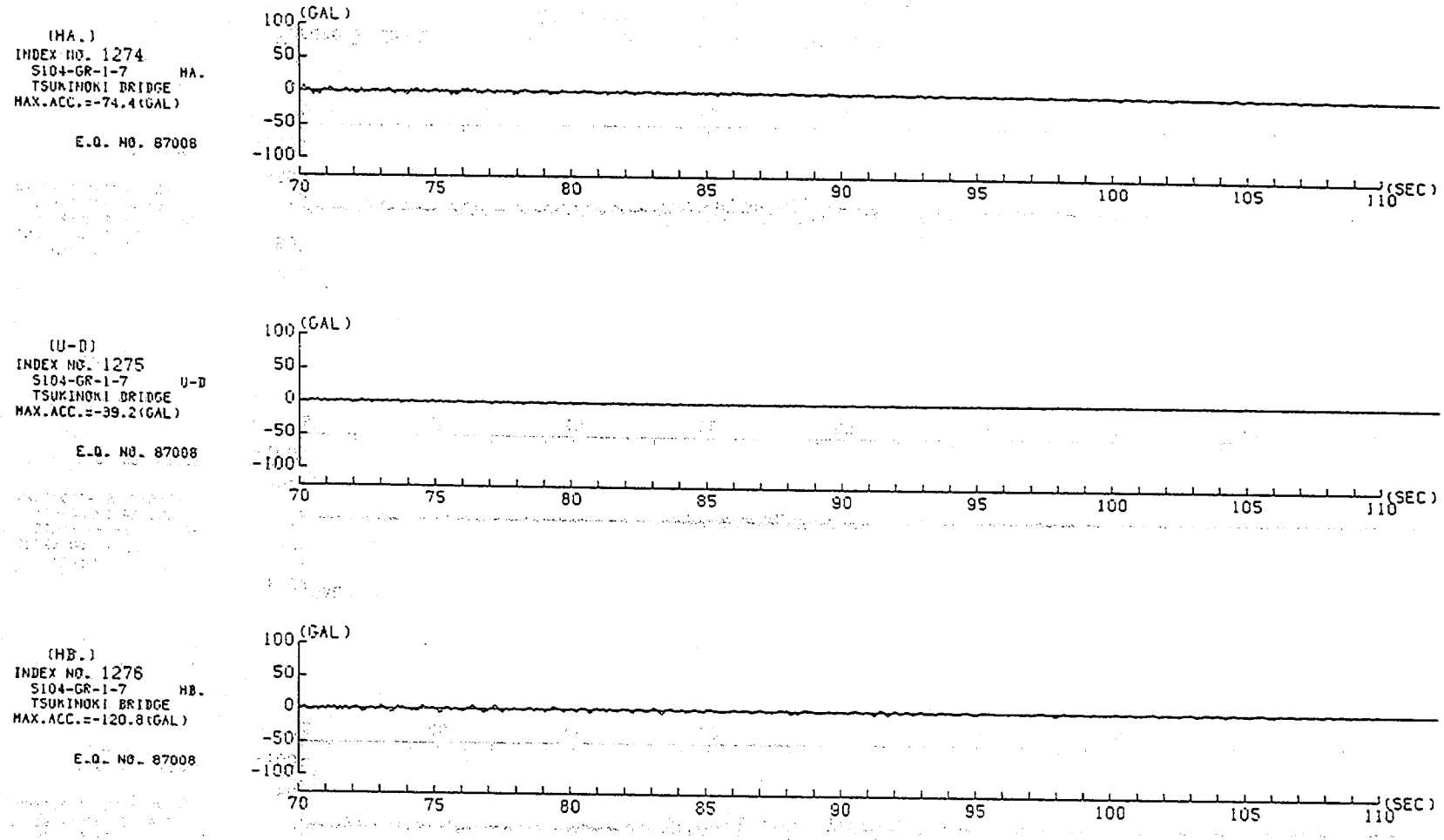
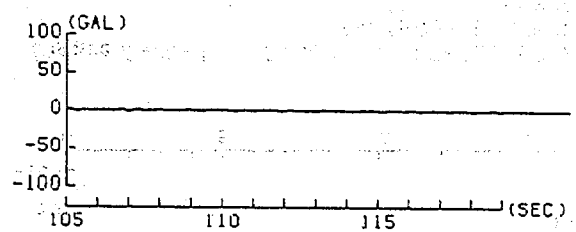


Figure 5-29-3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER S104-GR-1-7
INDEX NUMBER 1274 1275 1276

(29-3)

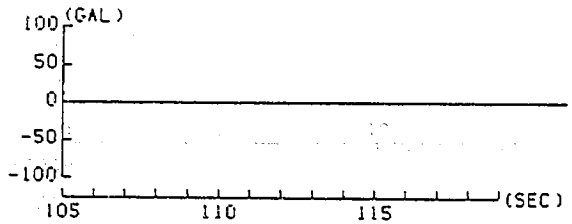
(HA.)
INDEX NO. 1274
S104-GR-1-7 HA.
TSUKINOKI BRIDGE
MAX.ACC.=-74.4(GAL)

E.Q. NO. 87008



(U-D)
INDEX NO. 1275
S104-GR-1-7 U-D
TSUKINOKI BRIDGE
MAX.ACC.=-39.2(GAL)

E.Q. NO. 87008



(HB.)
INDEX NO. 1276
S104-GR-1-7 HB.
TSUKINOKI BRIDGE
MAX.ACC.=-120.8(GAL)

E.Q. NO. 87008

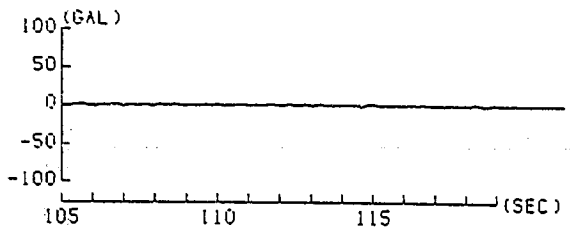


Figure 5-29-4 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER S104-GR-1-7
INDEX NUMBER 1274 1275 1276

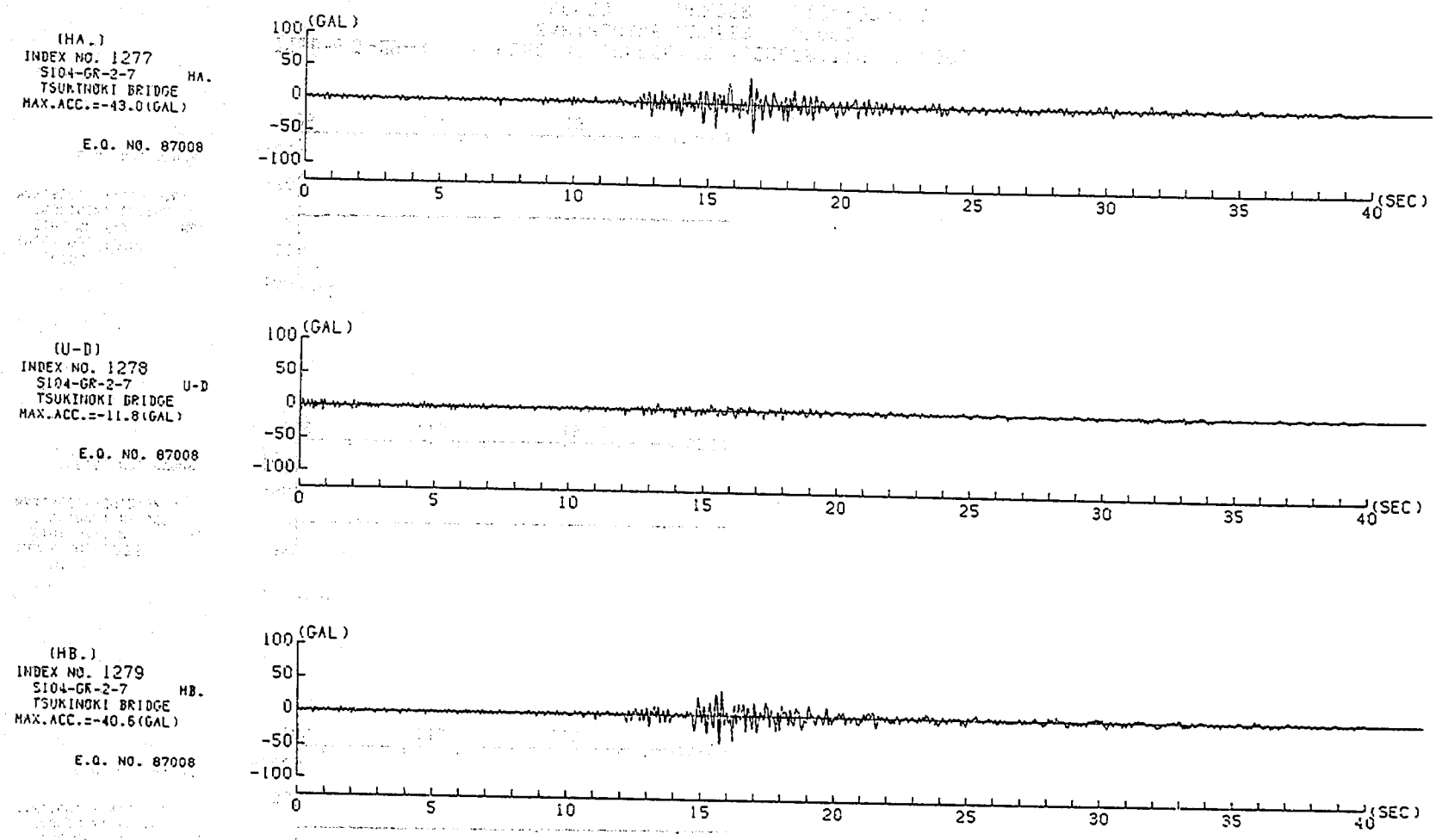


Figure 5-30-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER S104-GR-2-7
INDEX NUMBER 1277 1278 1279

(30-1)

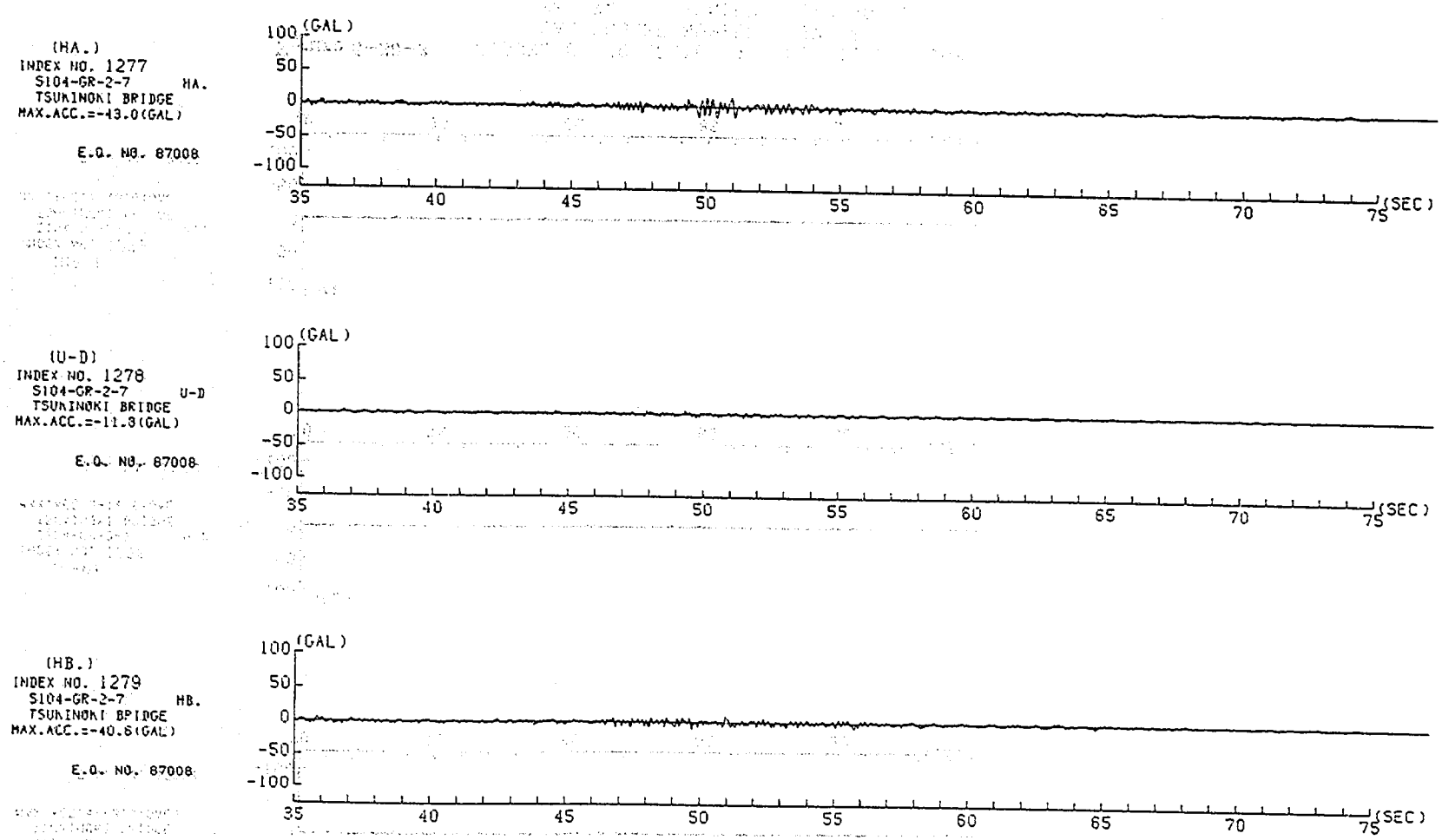
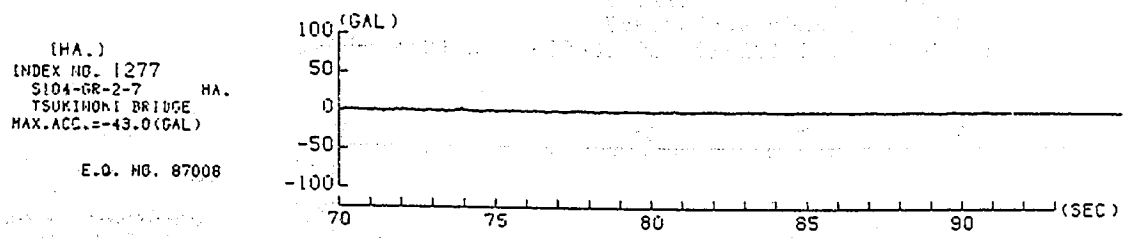
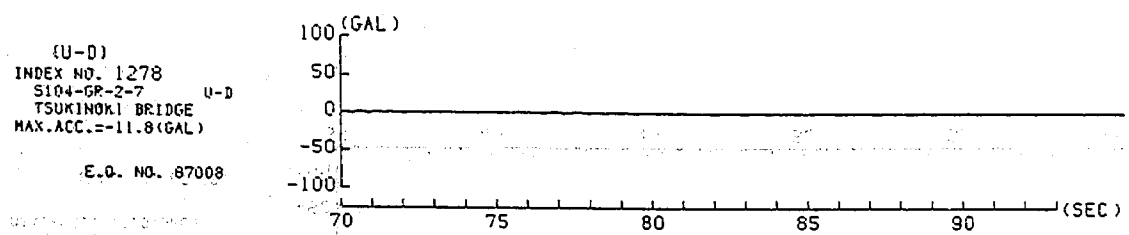


Figure 5-30-2 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE	NUMBER	87008
RECORD	NUMBER	S104-GR-2-7
INDEX	NUMBER	1277 1278 1279

(30-2)





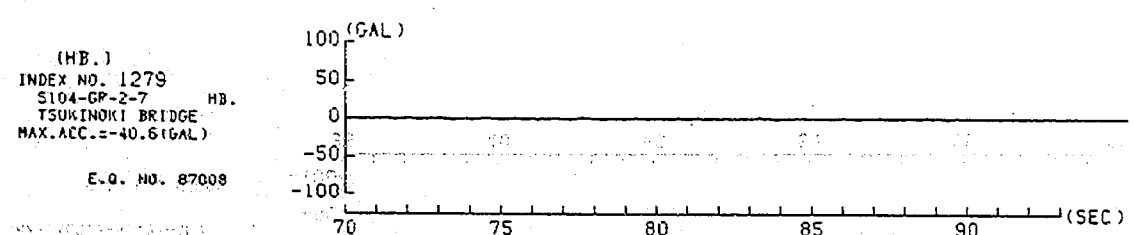


Figure 5-30-3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER S104-GR-2-7
INDEX NUMBER 1277 1278 1279

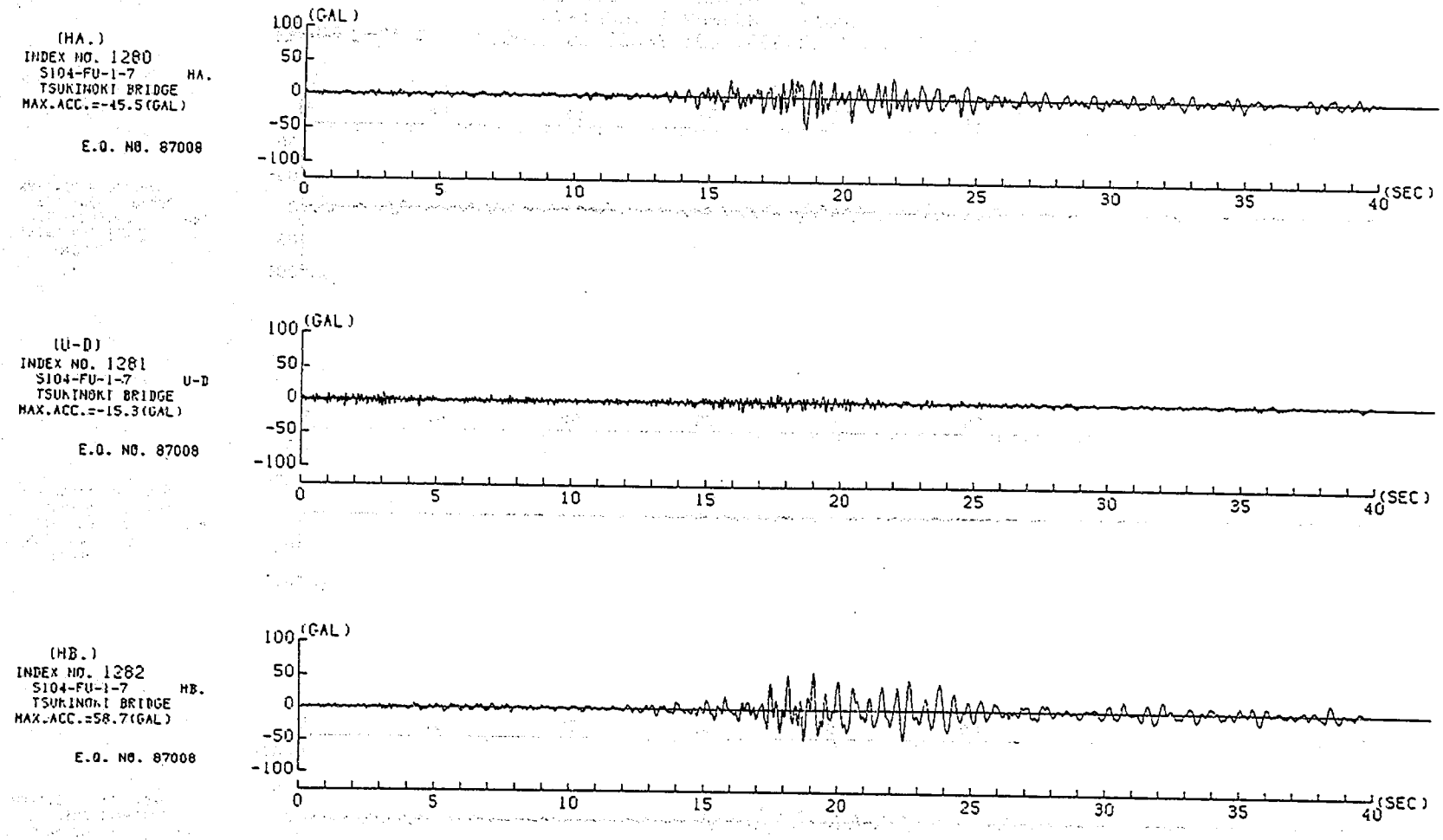


Figure 5-31-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER S104-FU-1-7
INDEX NUMBER 1280 1281 1282

(31-1)

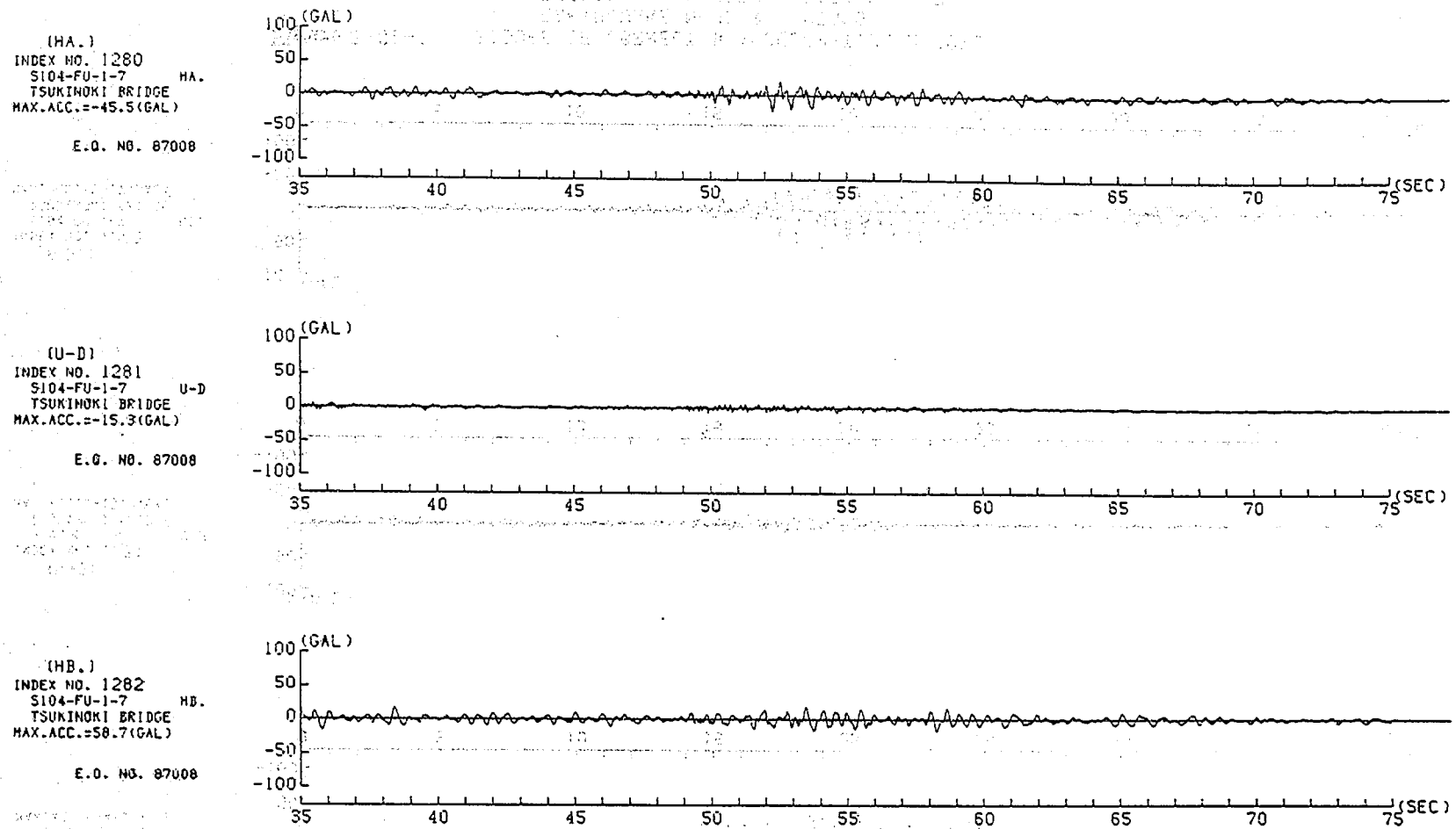


Figure 5-31-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER S104-FU-1-7
INDEX NUMBER 1280 1281 1282

(31-2)

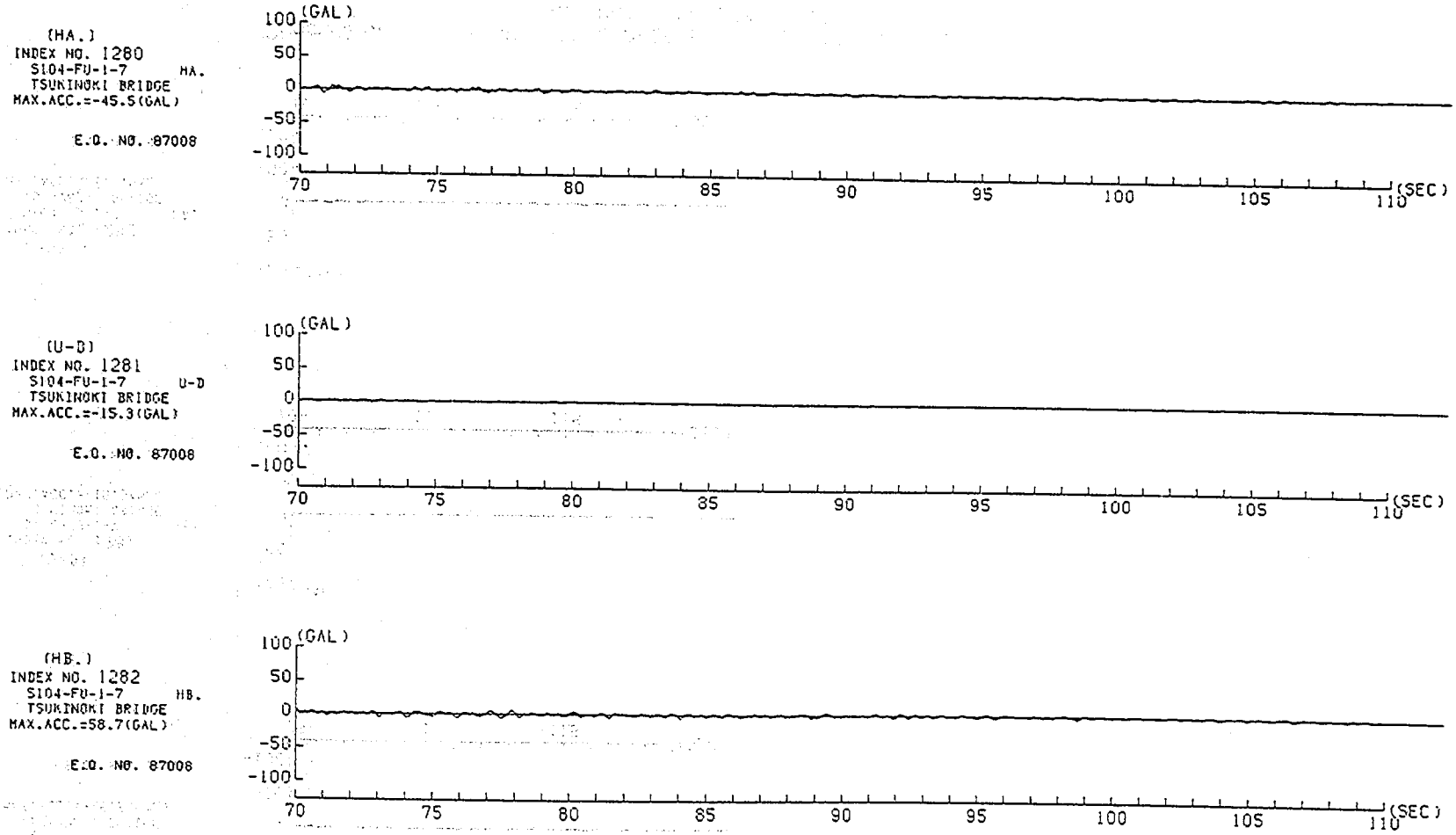


Figure 5-31-3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER S104-FU-1-7
INDEX NUMBER 1280 1281 1282

(31-3)

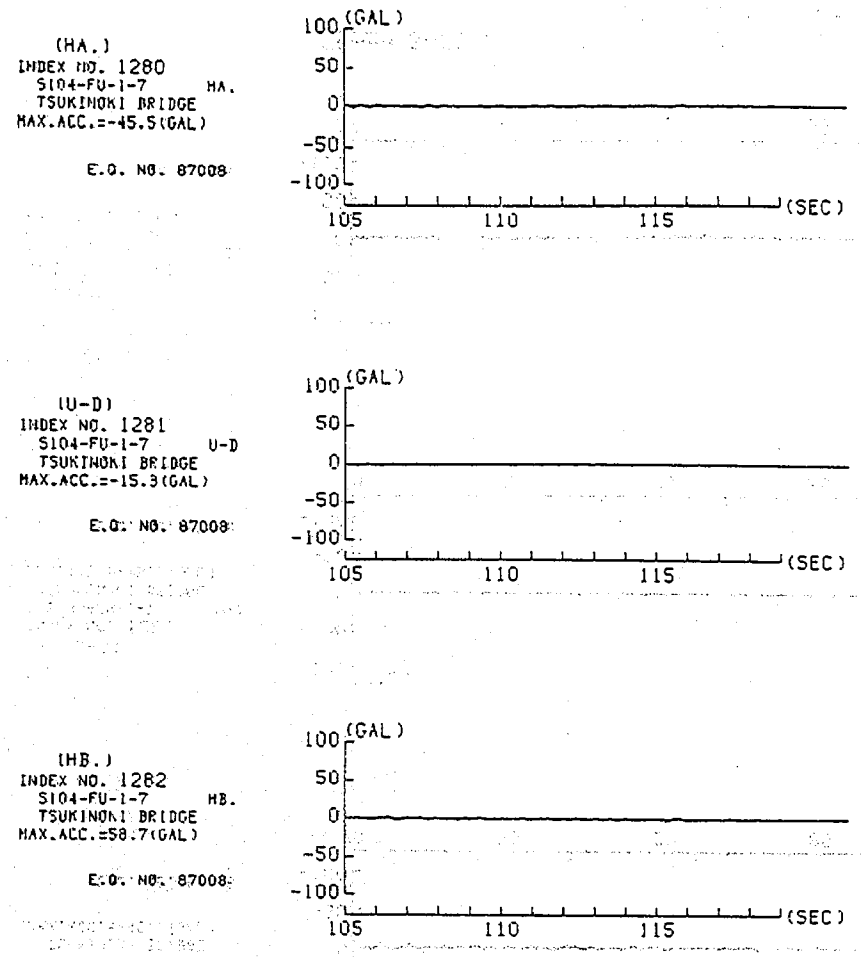


Figure 5-31-4 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87008
RECORD NUMBER S104-FU-1-7
INDEX NUMBER 1280 1281 1282

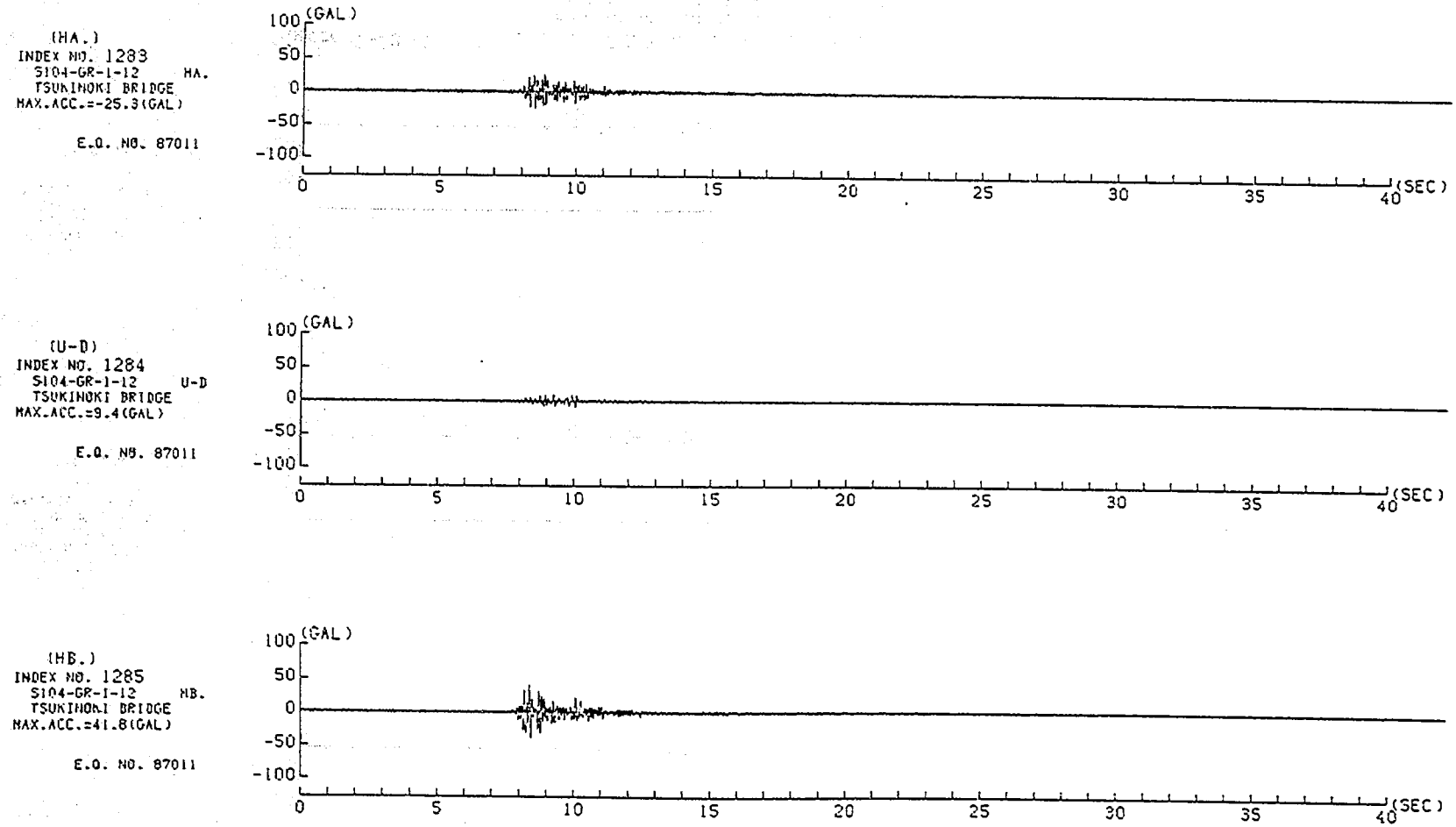
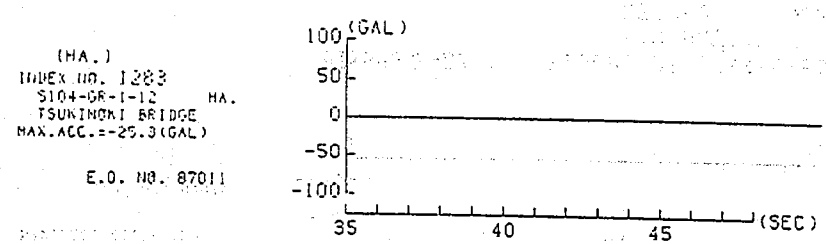
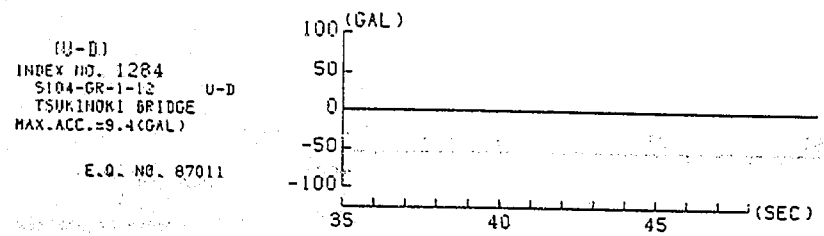


Figure 5-32-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87011
RECORD NUMBER S104-GR-1-12
INDEX NUMBER 1283 1284 1285

(32-1)





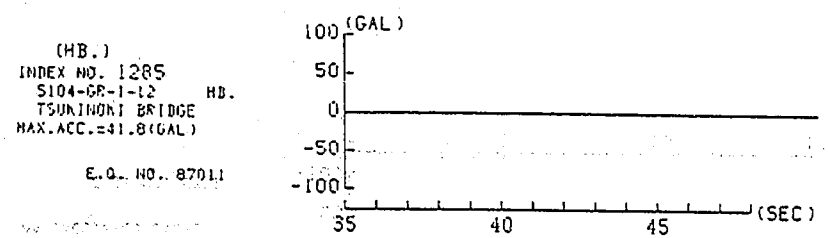


Figure 5-32-2 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE	NUMBER	87011
RECORD	NUMBER	S104-GR-1-12
INDEX	NUMBER	1283 1284 1285

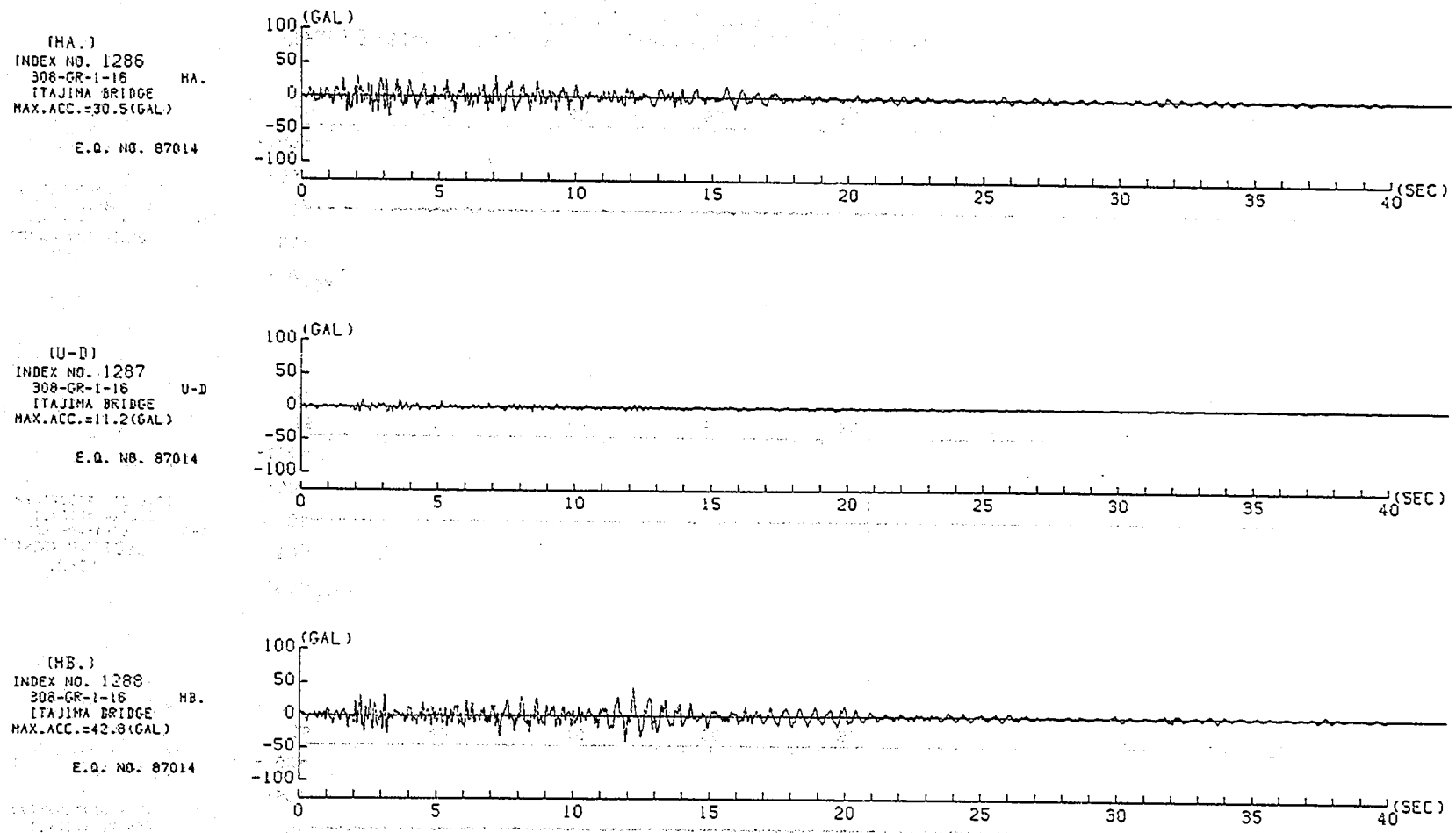


Figure 5-33-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87014
RECORD NUMBER 308-GR-1-16
INDEX NUMBER 1286 1287 1288

(33-1)

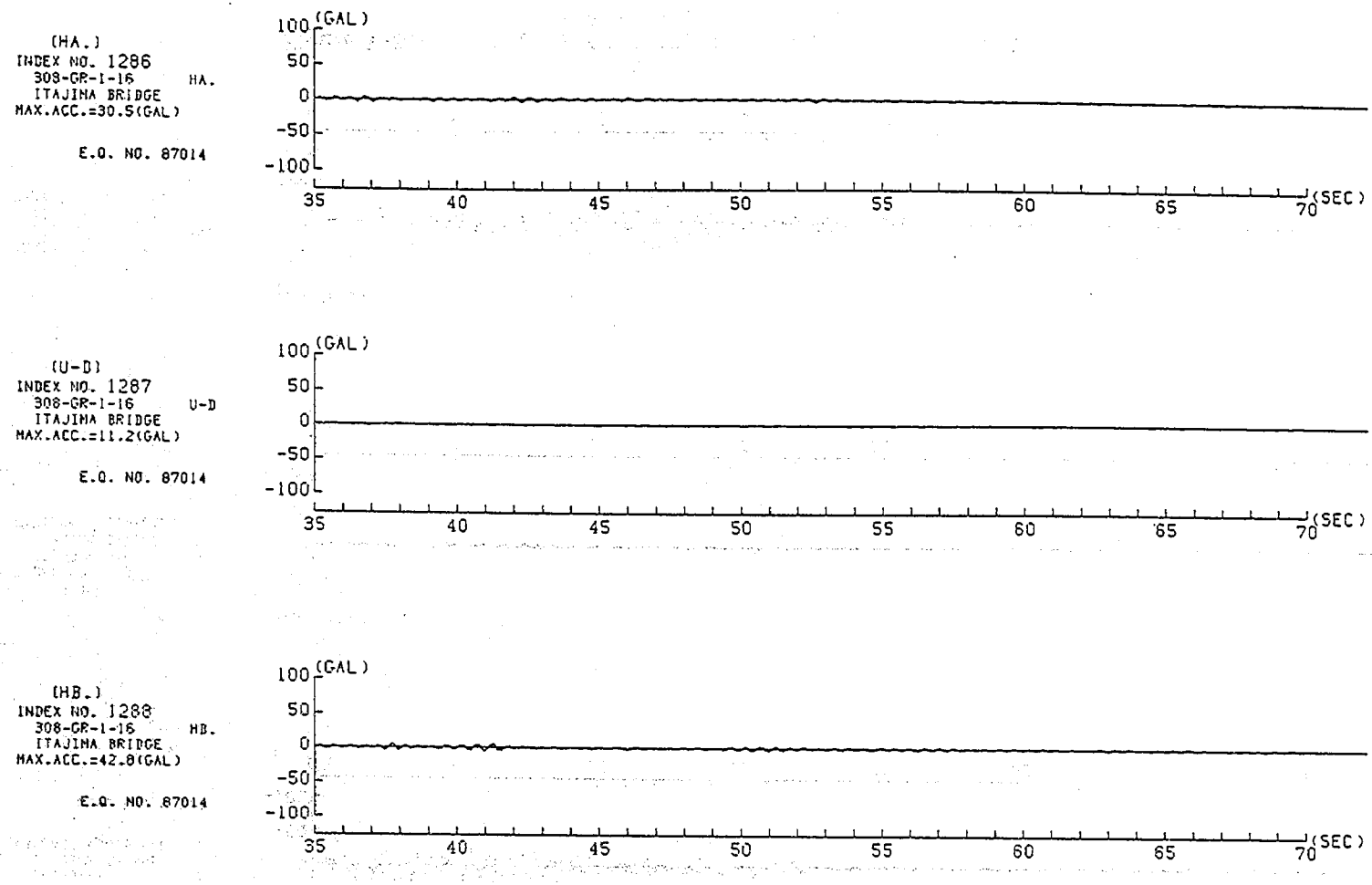


Figure 5-33-2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87014
RECORD NUMBER 308-GR-1-16
INDEX NUMBER 1286 1287 1288

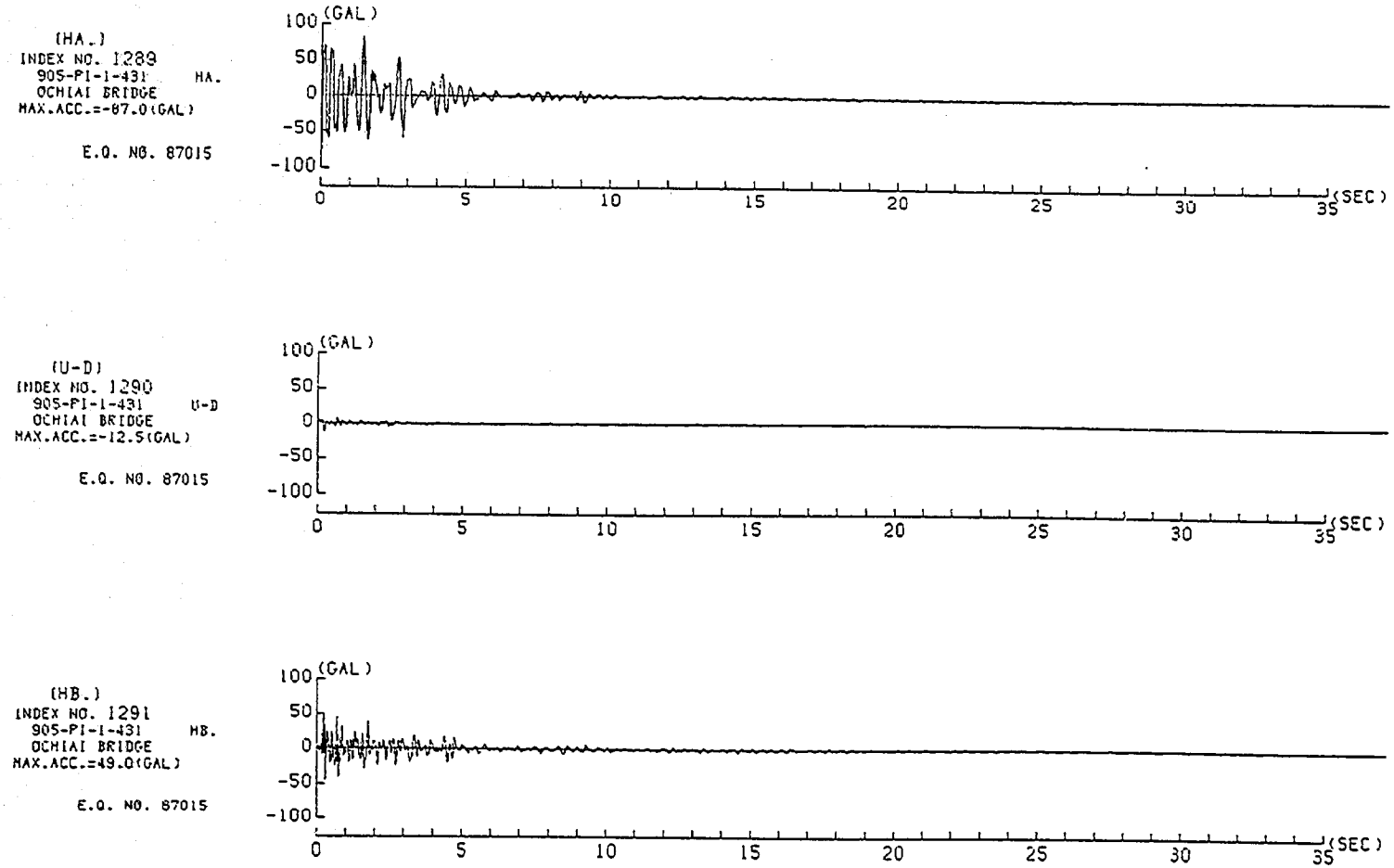
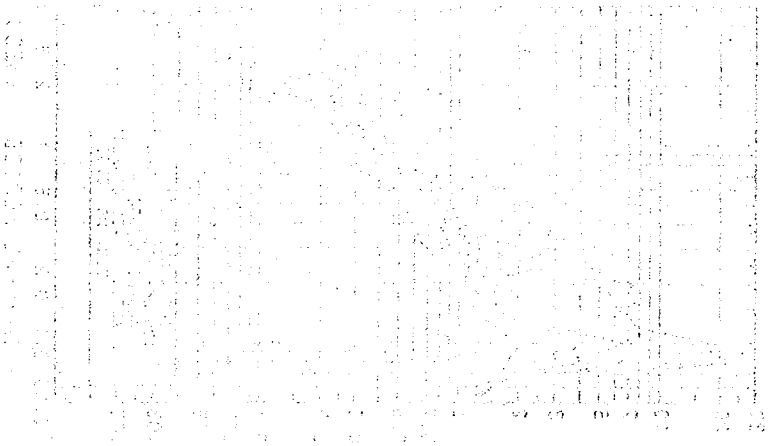
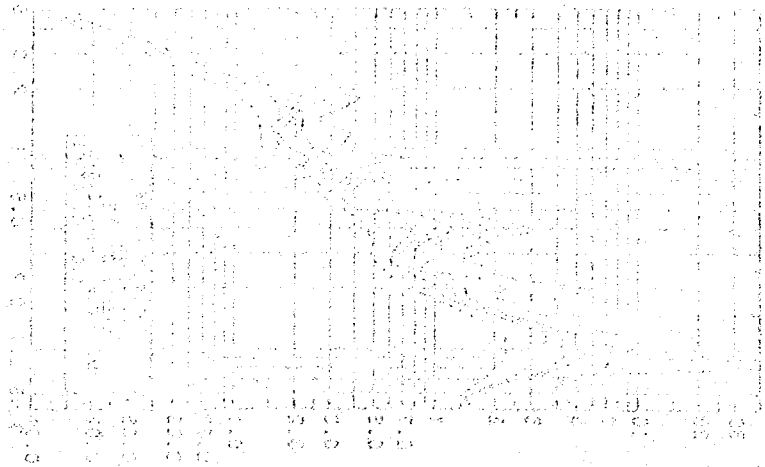


Figure 5-34 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 87015
RECORD NUMBER 905-PI-1-431
INDEX NUMBER 1289 1290 1291

6. 加速度応答スペクトル倍率

INDEX NUMBERの順に従い，7章に示すディジタル数値を用いて計算した絶対加速度応答スペクトル比をFigure 6－1～Figure 6－34に示す。左側はHA成分，中央はU－D成分，右側はHB成分であり，図の縦軸は絶対加速度応答スペクトル比をまた横軸は固有周期を表わす。ここで縦軸の絶対加速度応答スペクトル比は絶対加速度応答スペクトル値を入力の地震動加速度の最大値で除した値として定義されており，詳細は付録－4を参照されたい。また横軸の固有周期の計算範囲は計器補正及びバンドパスフィルターの周期範囲を考慮して0.05 sec～5 secの間の45点について行っている。図中には，減衰定数hを0，0.02，0.05，0.07，0.1，0.2の6種類とした場合の計算結果が示されている。さらに，INDEX NUMBER，RECORD NUMBER，STATION NAME，MAXIMUM ACCELERATION，EARTHQUAKE NUMBERを図中に示すとともに，タイトル部分にもEARTHQUAKE NUMBER，RECORD NUMBER，INDEX NUMBERを示し，検策の助けとしている。





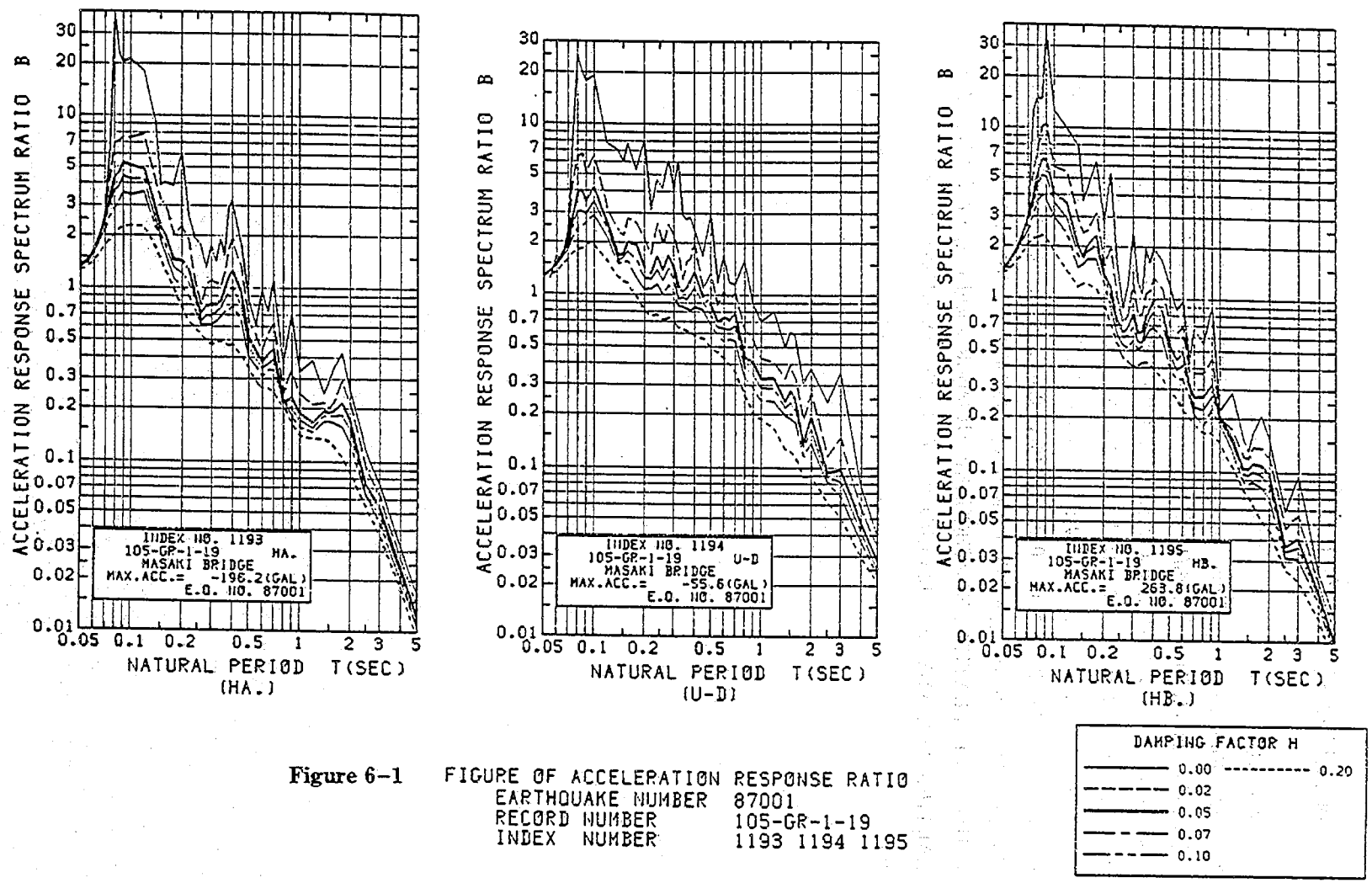
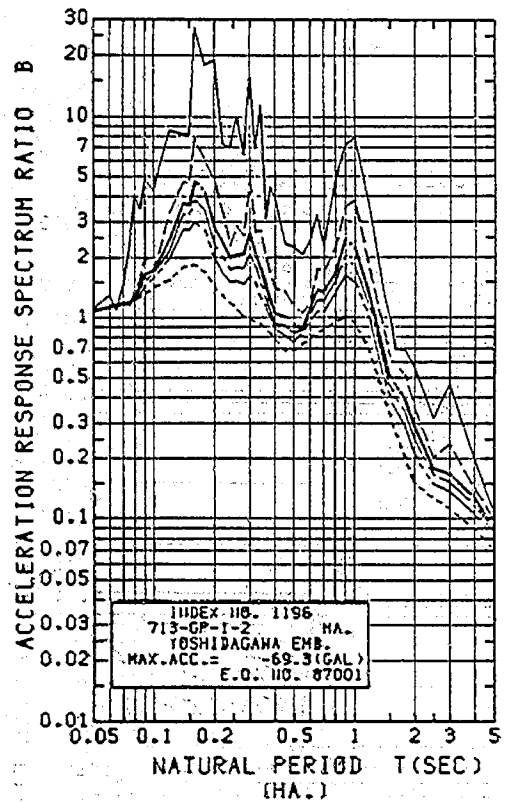
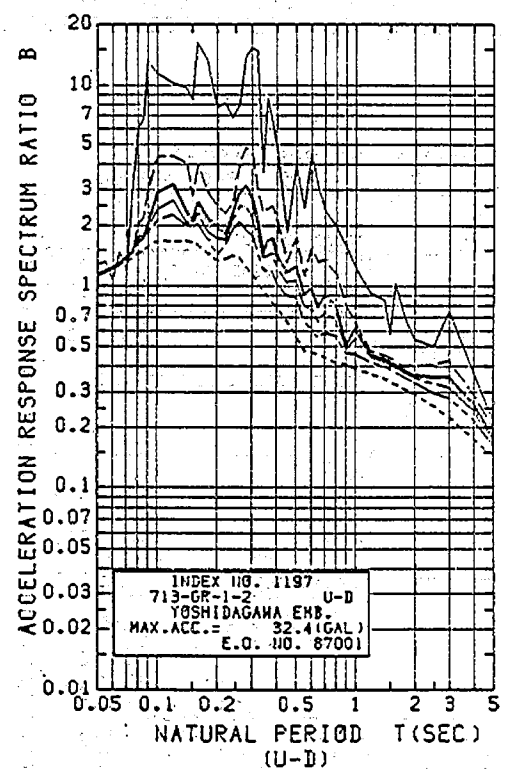
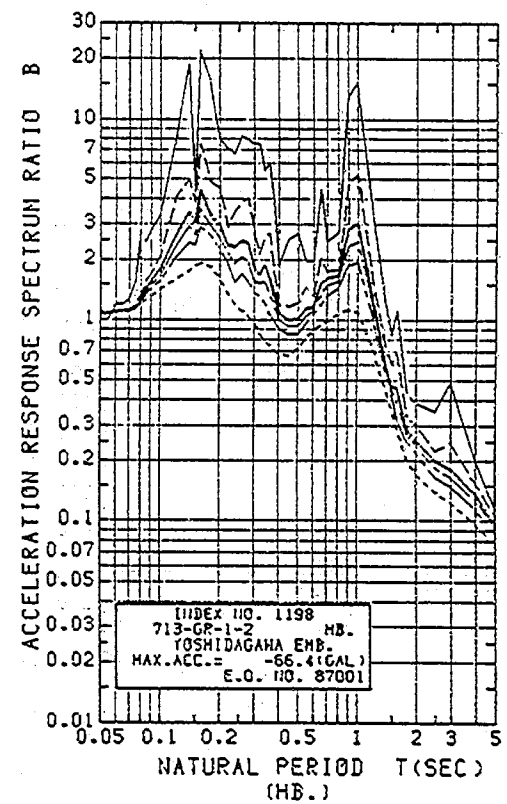


Figure 6-1 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87001
RECORD NUMBER 105-GR-1-19
INDEX NUMBER 1193 1194 1195







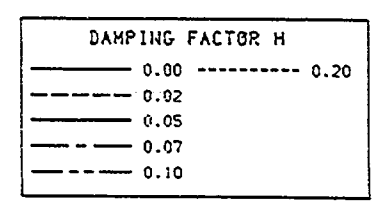
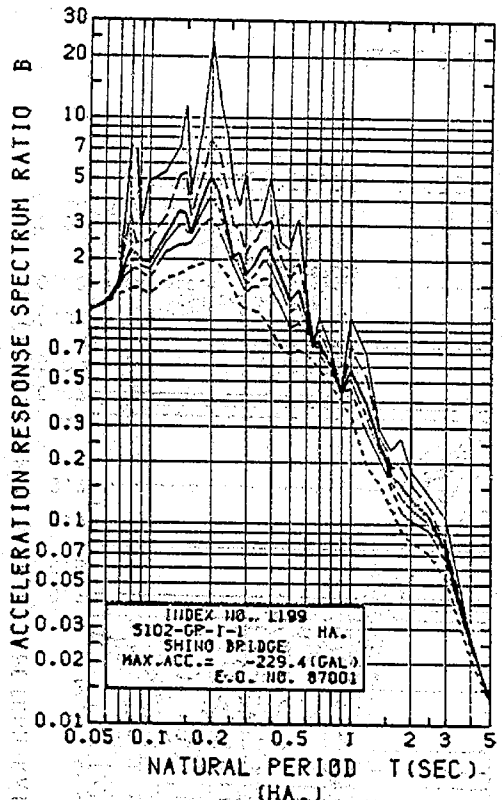
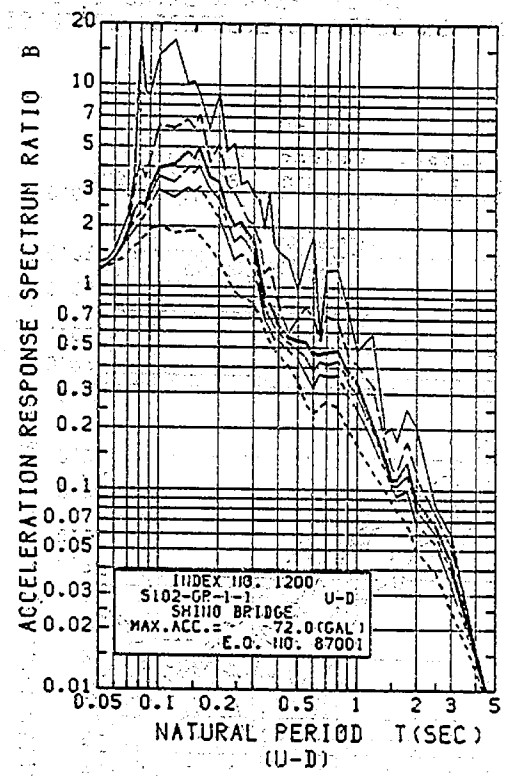
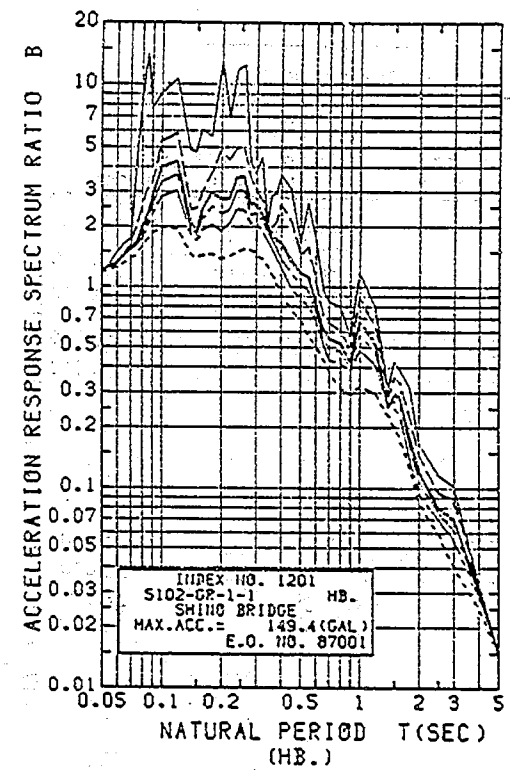


Figure 6–2 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87001
RECORD NUMBER 713-GR-1-2
INDEX NUMBER 1196 1197 1198







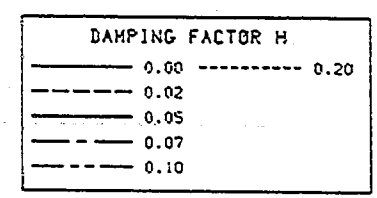


Figure 6–3 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87001
RECORD NUMBER S102-GR-1-1
INDEX NUMBER 1199 1200 1201

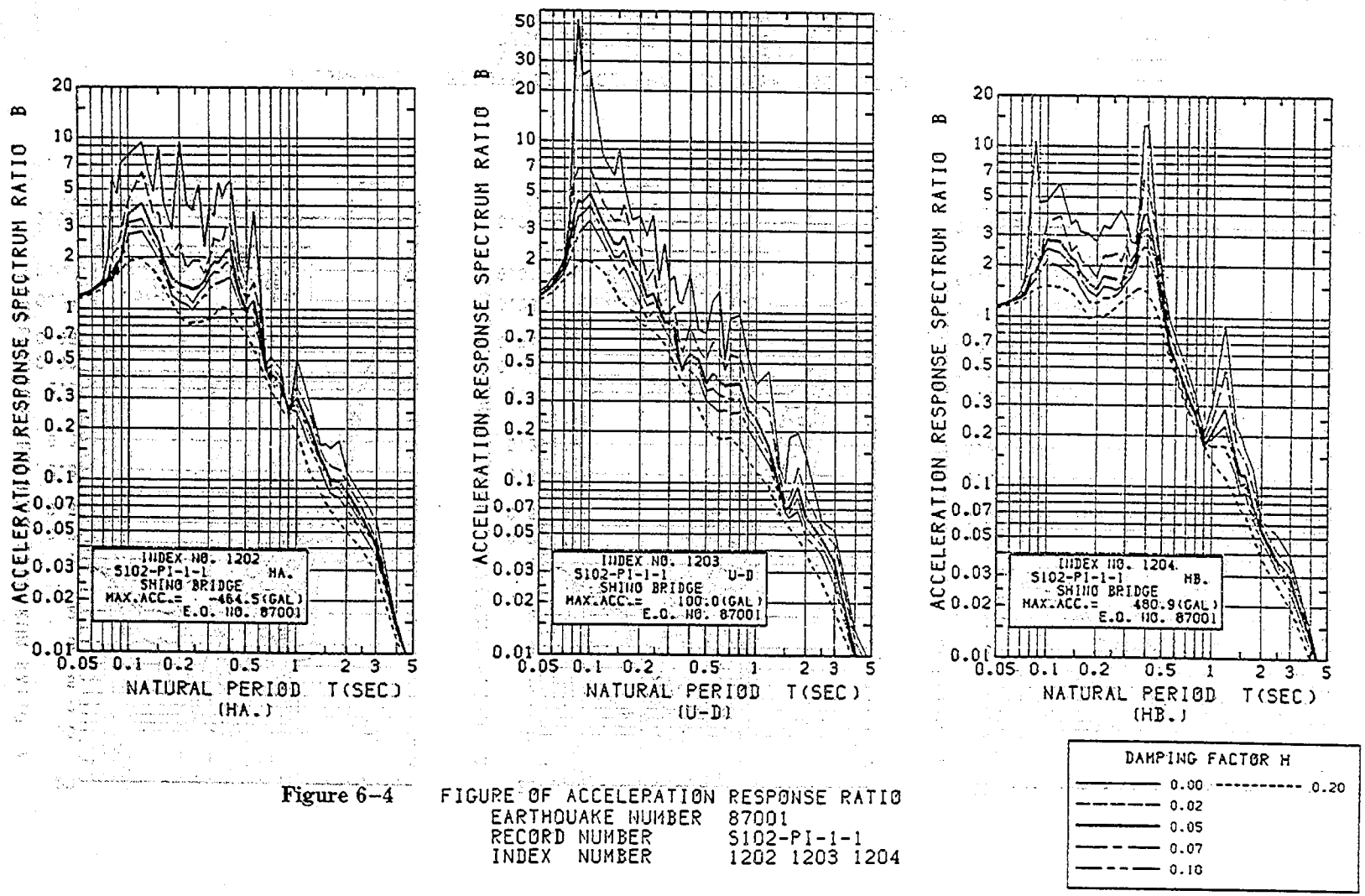
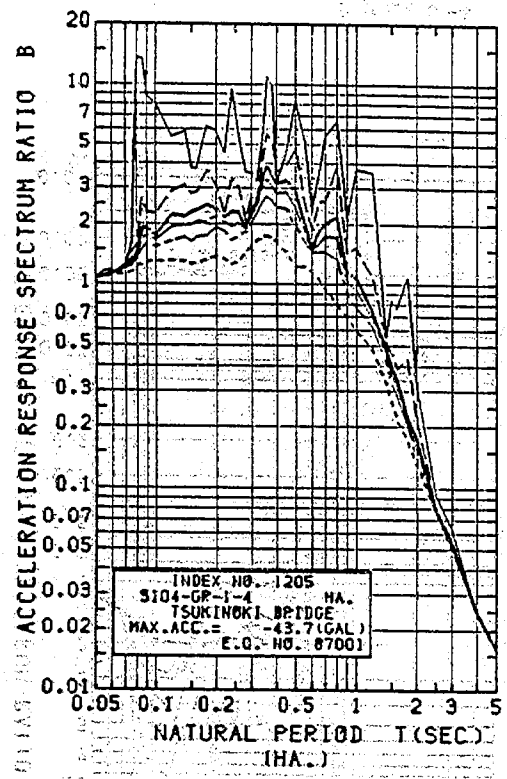
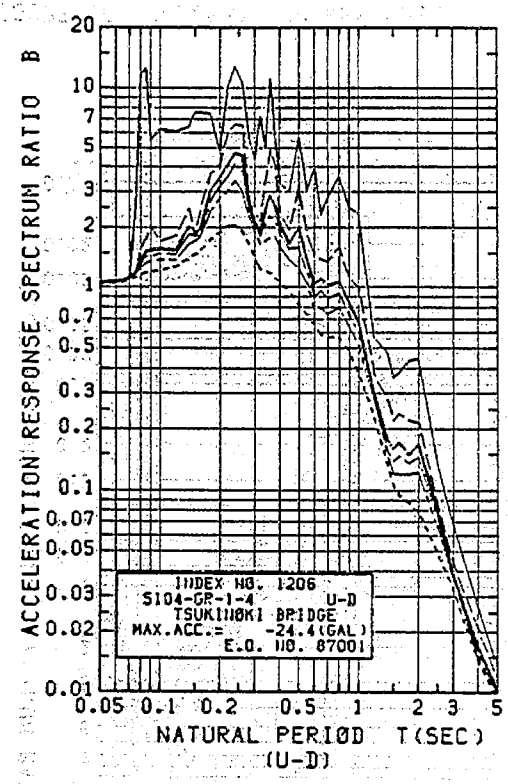
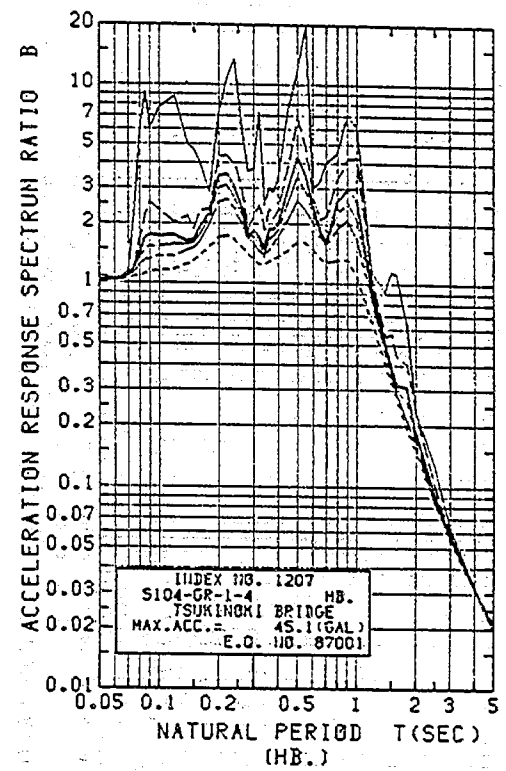


Figure 6-4 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87001
RECORD NUMBER S102-PI-1-1
INDEX NUMBER 1202 1203 1204







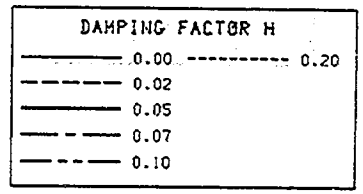


Figure 6–5 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87001
RECORD NUMBER S104-GR-1-4
INDEX NUMBER 1205 1206 1207

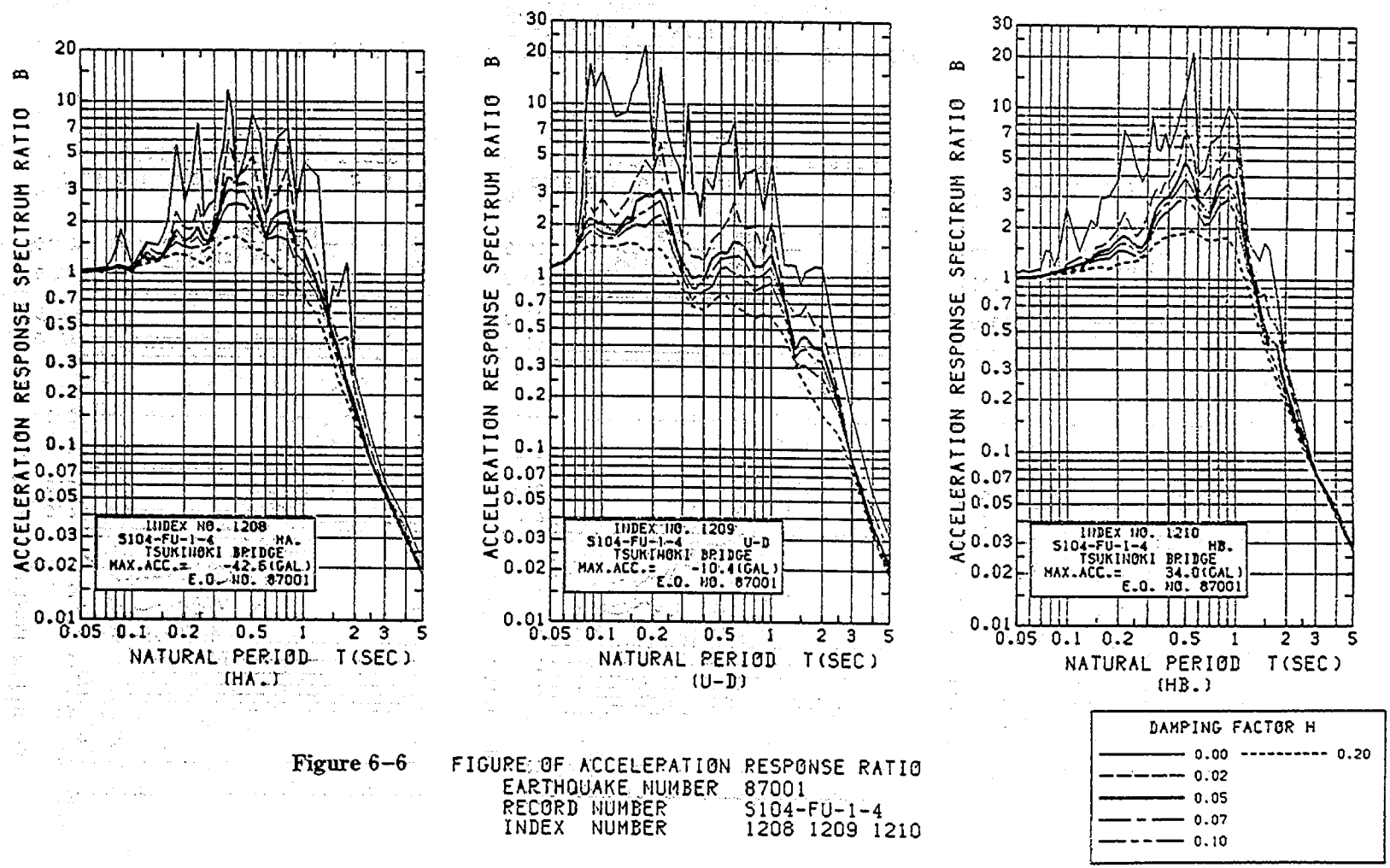
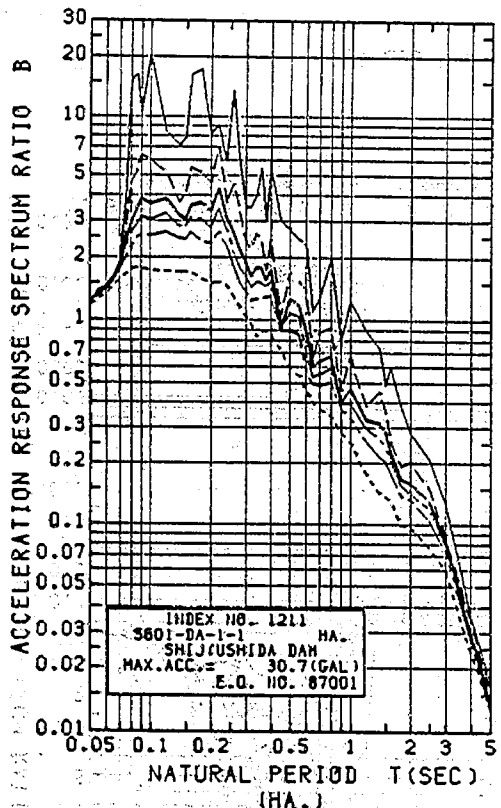
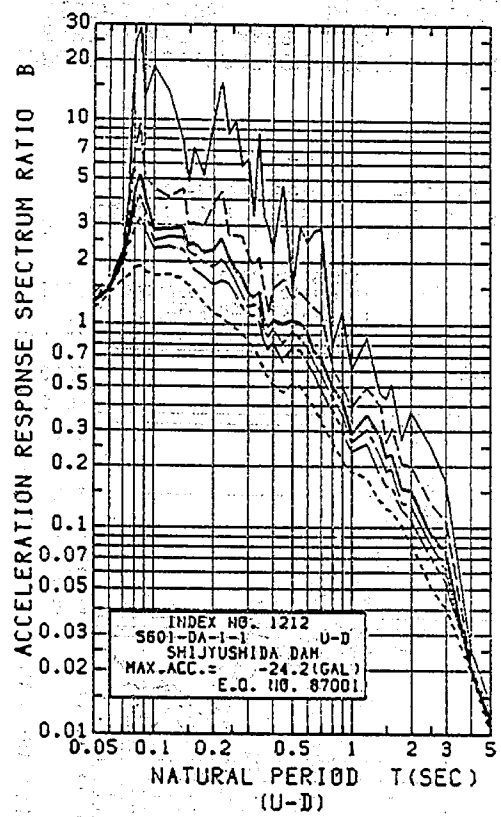
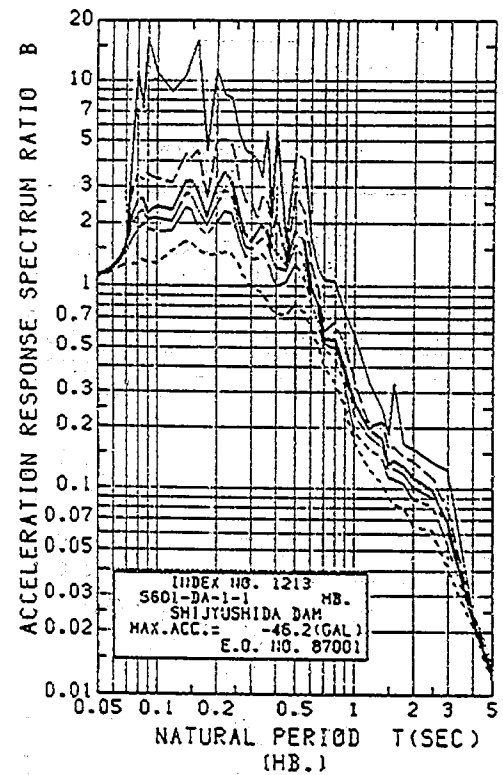


Figure 6-6 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87001
RECORD NUMBER S104-FU-1-4
INDEX NUMBER 1208 1209 1210







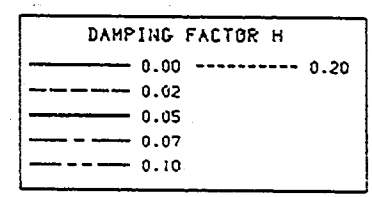


Figure 6-7 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87001
RECORD NUMBER S601-DA-1-1
INDEX NUMBER 1211 1212 1213

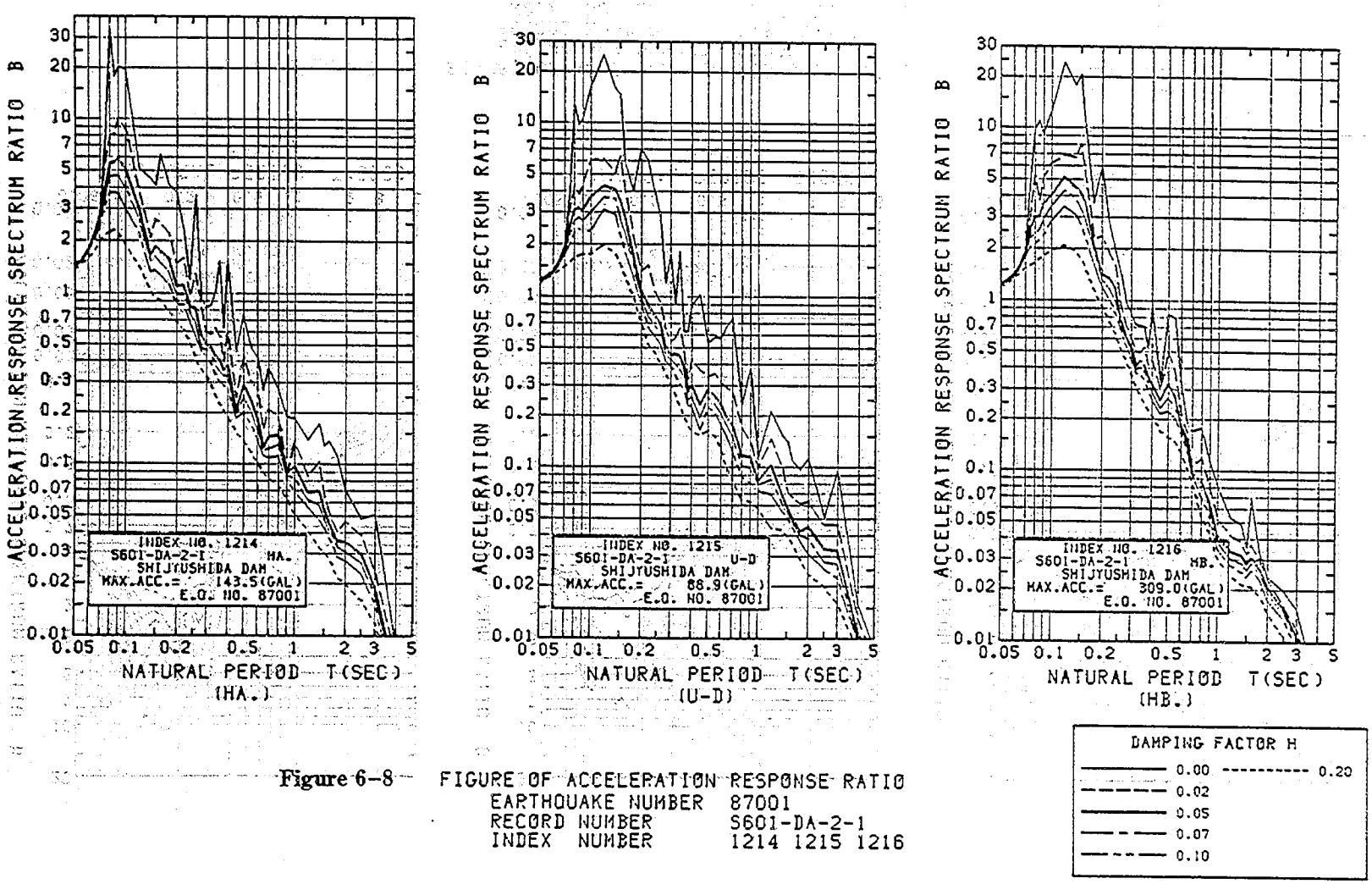
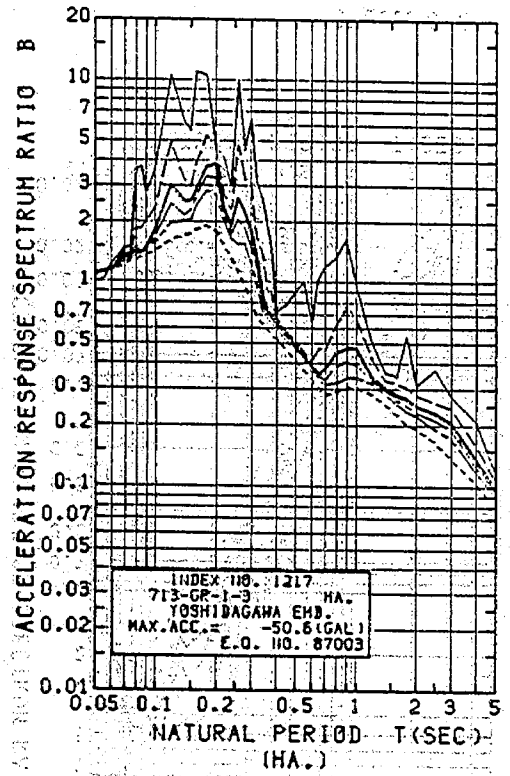
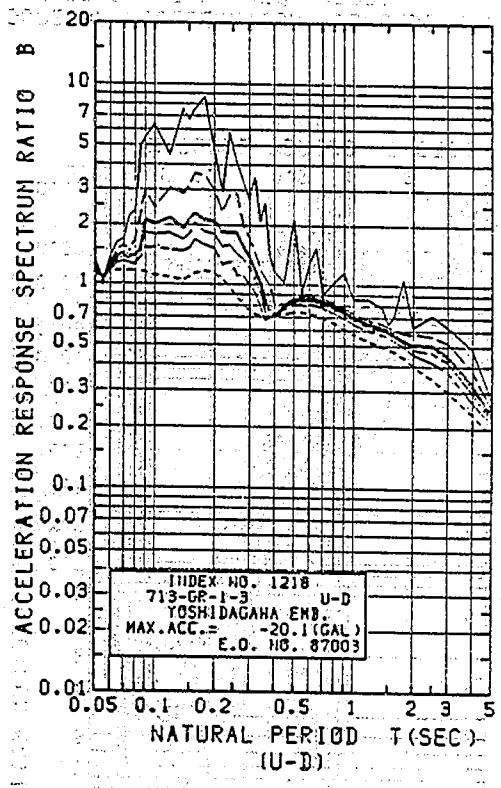
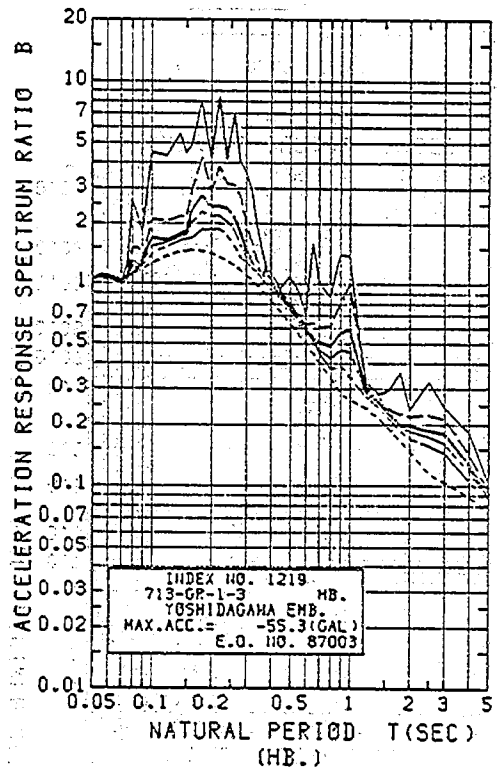


Figure 6-8 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87001
RECORD NUMBER S601-DA-2-1
INDEX NUMBER 1214 1215 1216







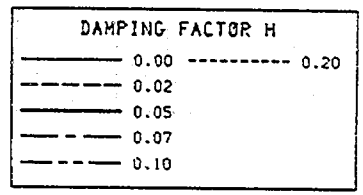
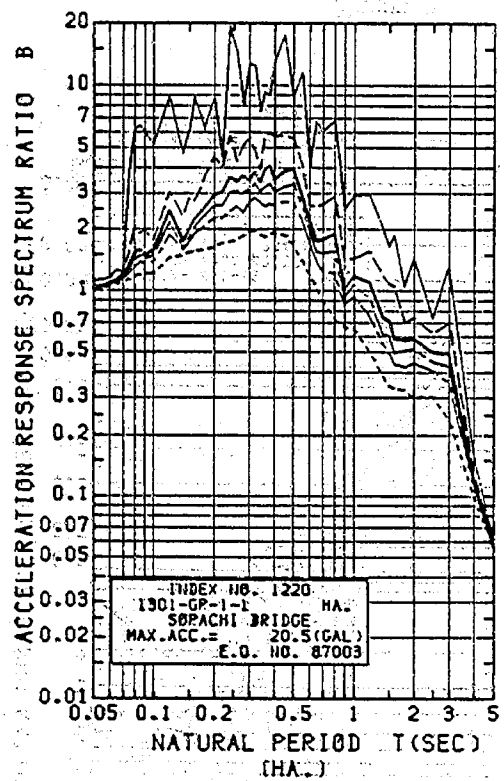
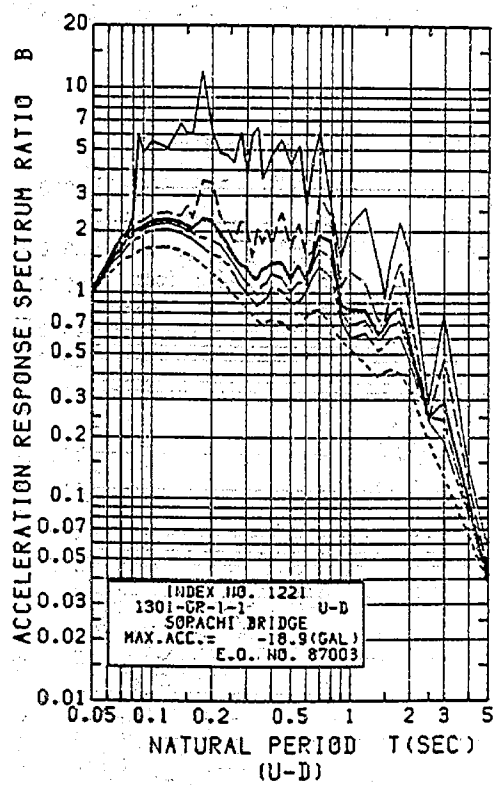
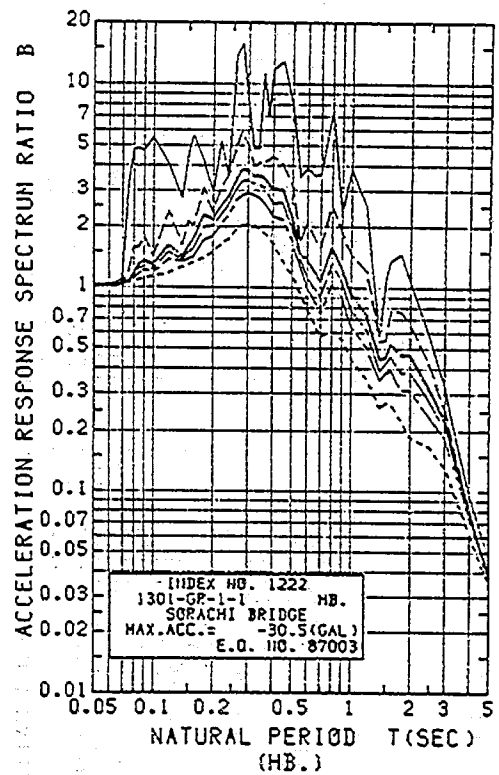


Figure 6–9 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87003
RECORD NUMBER 713-GR-1-3
INDEX NUMBER 1217 1218 1219







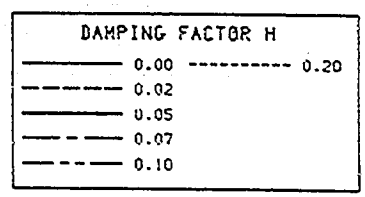


Figure 6-10 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1301-GR-1-1
INDEX NUMBER 1220 1221 1222

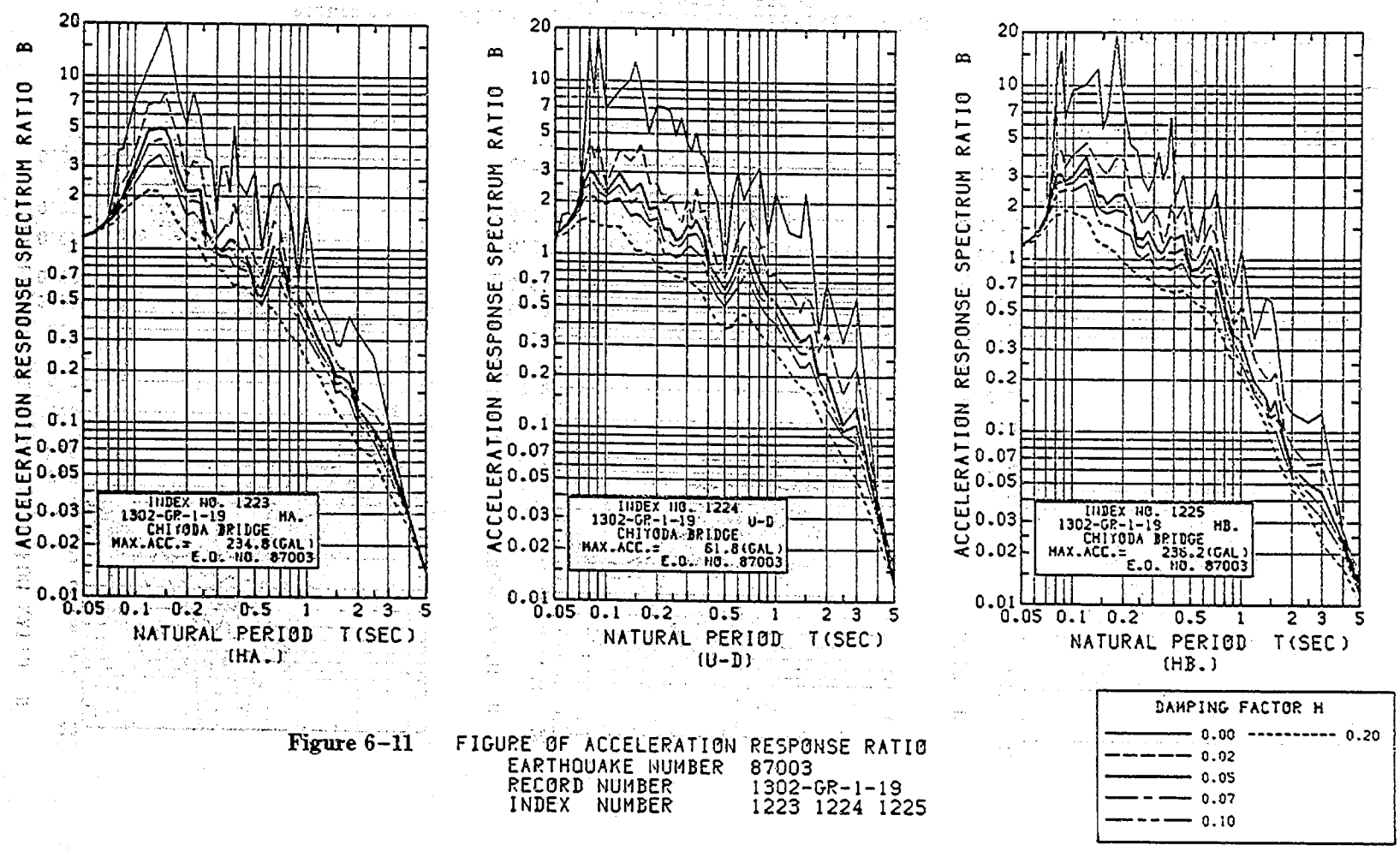


Figure 6-11 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1302-GR-1-19
INDEX NUMBER 1223 1224 1225

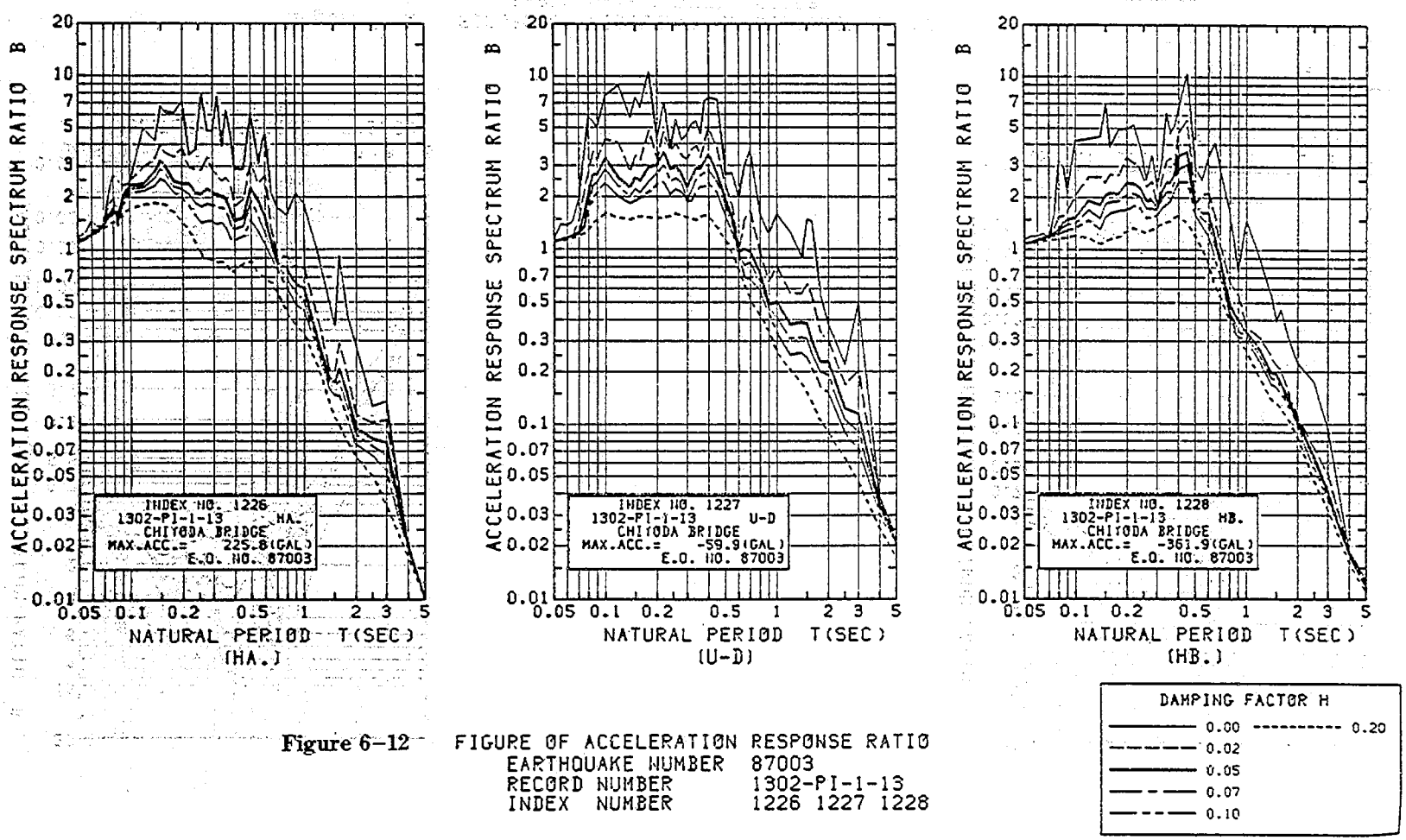
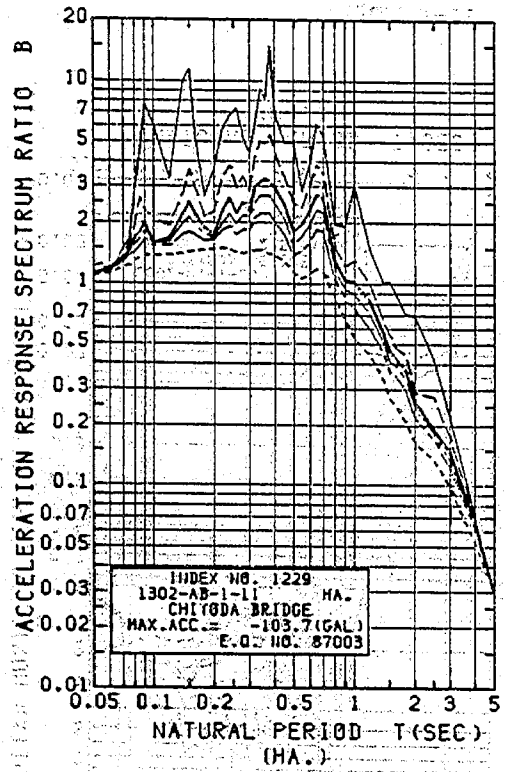
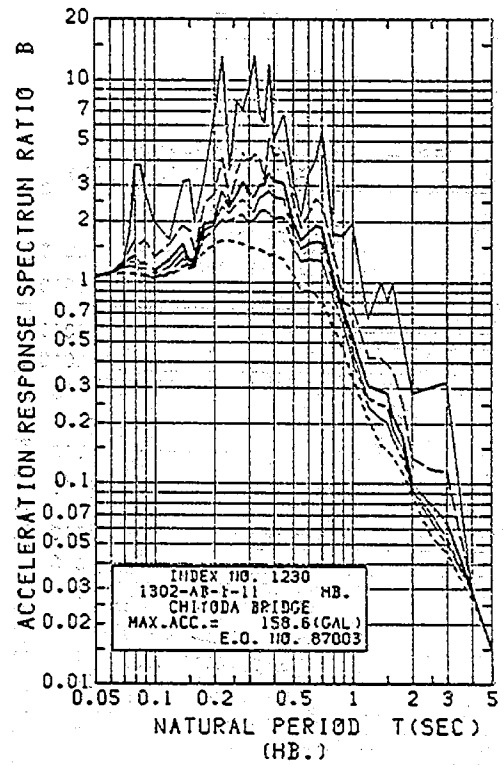


Figure 6–12 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1302-PI-1-13
INDEX NUMBER 1226 1227 1228





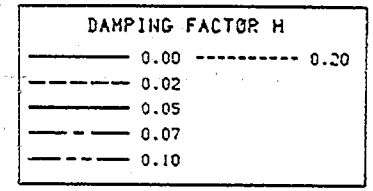
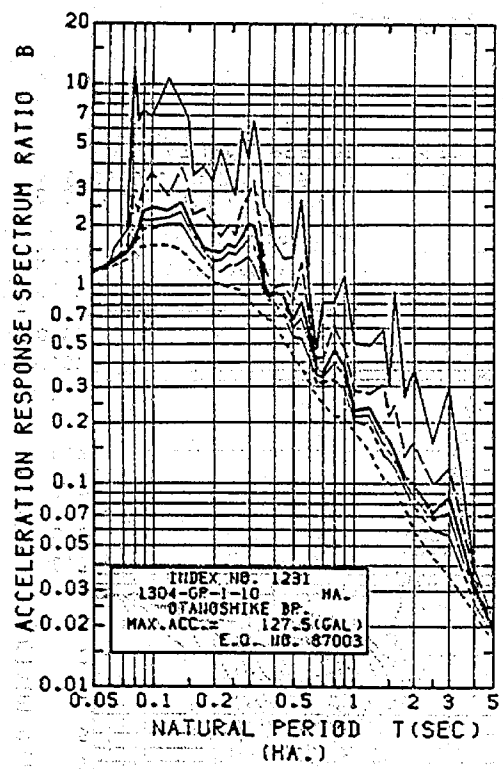
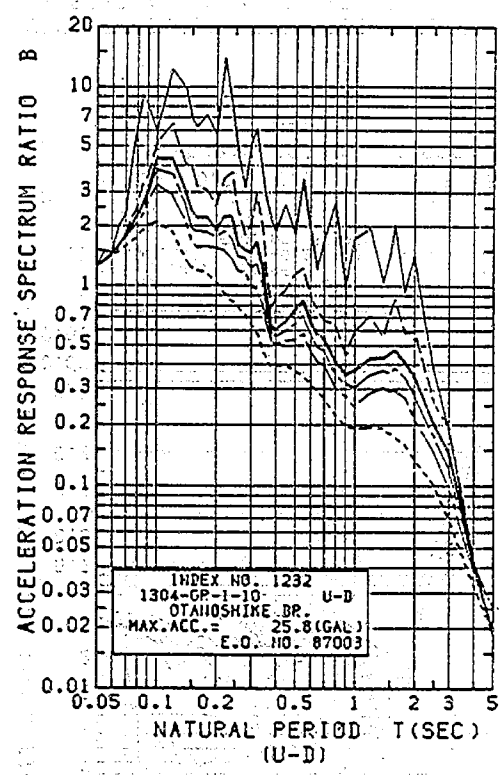
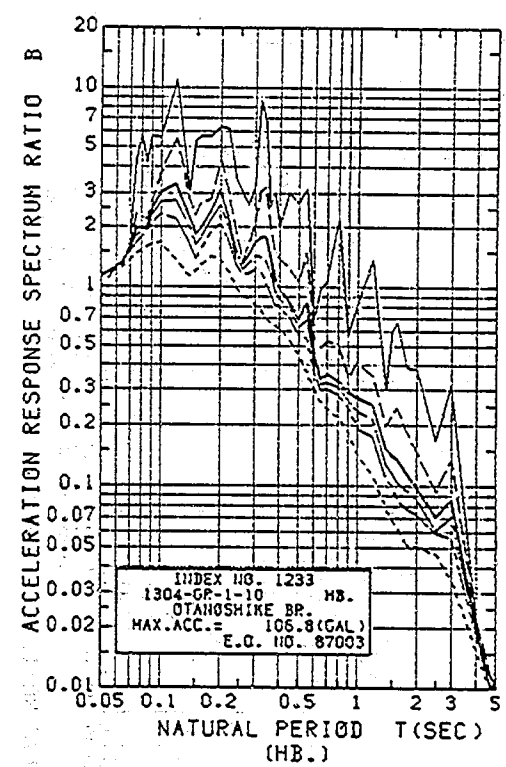


Figure 6-13 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1302-AB-1-11
INDEX NUMBER 1229 1230







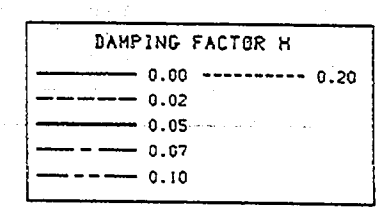
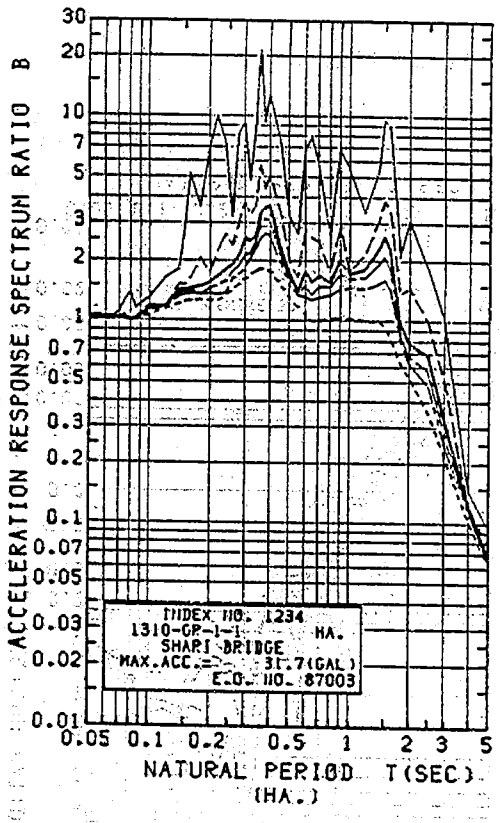
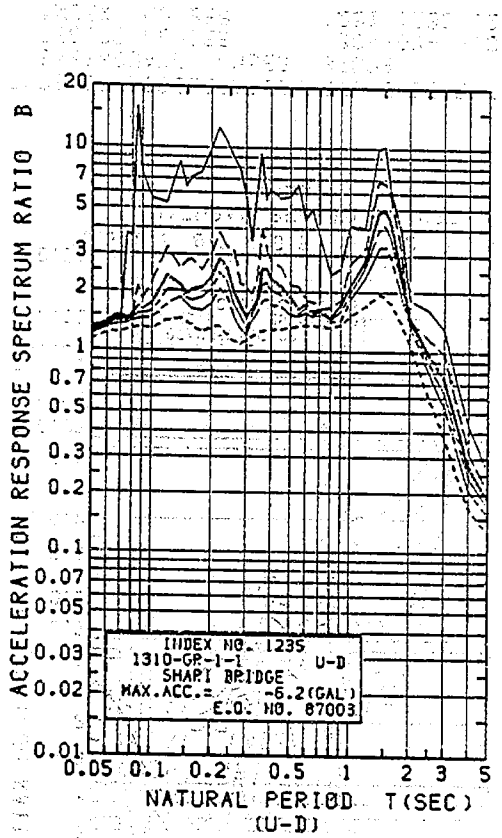
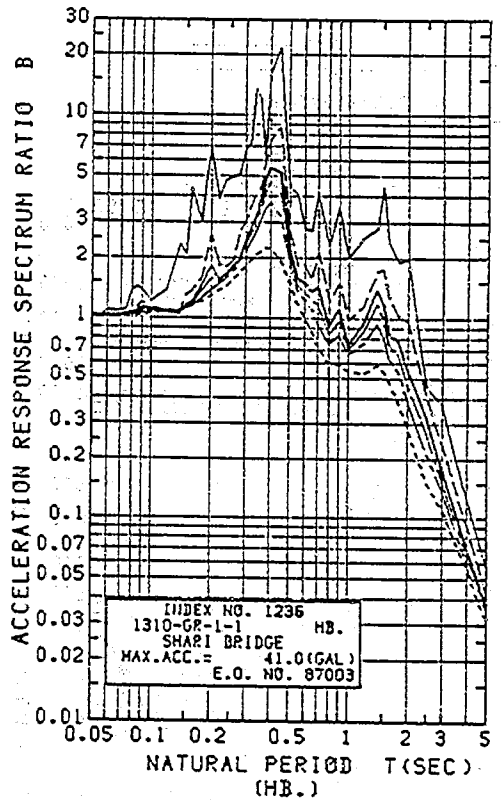


Figure 6-14 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1304-GR-1-10
INDEX NUMBER 1231 1232 1233







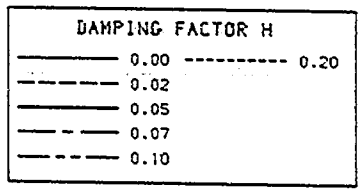


Figure 6–15 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1310-GR-1-1
INDEX NUMBER 1234 1235 1236

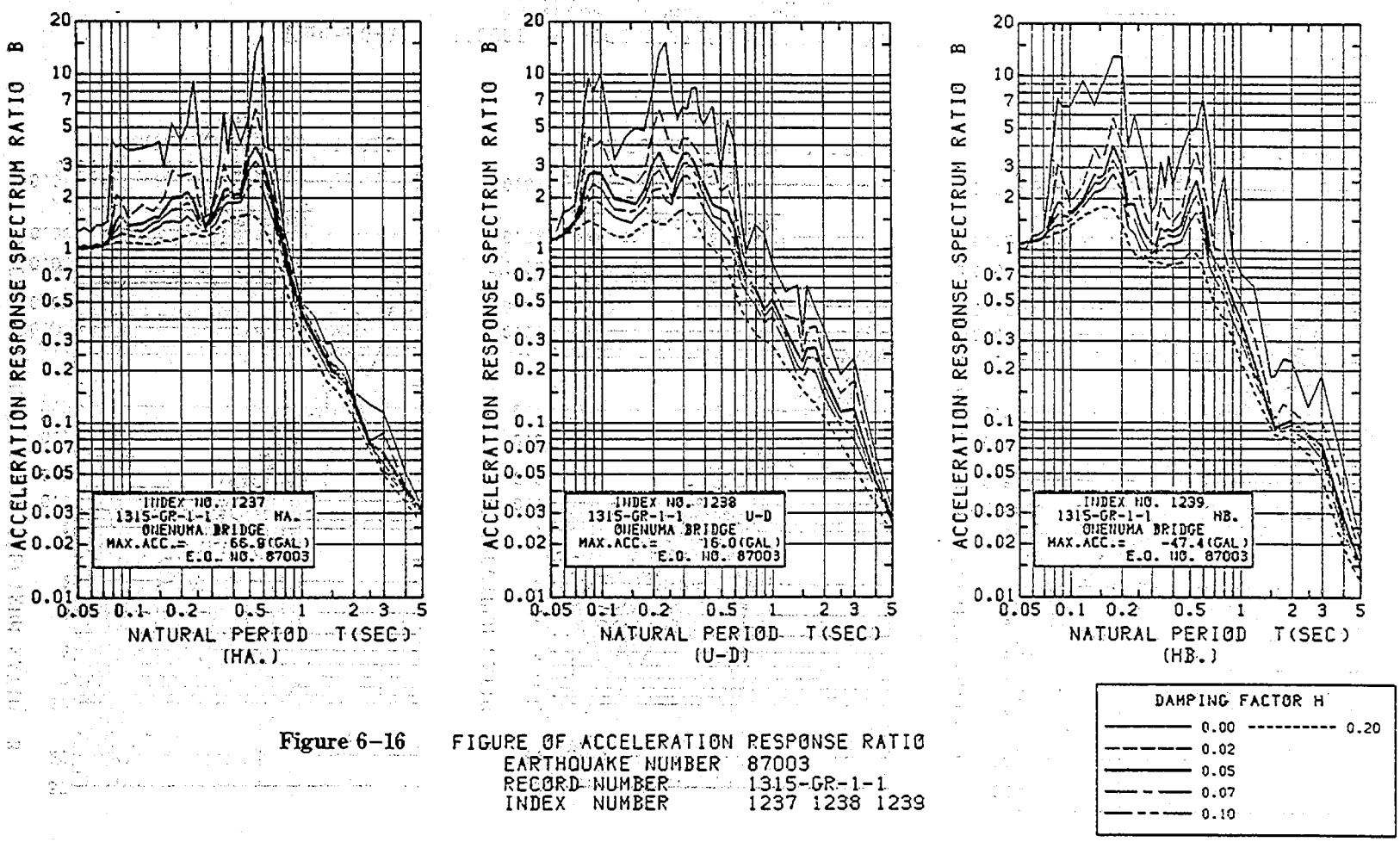
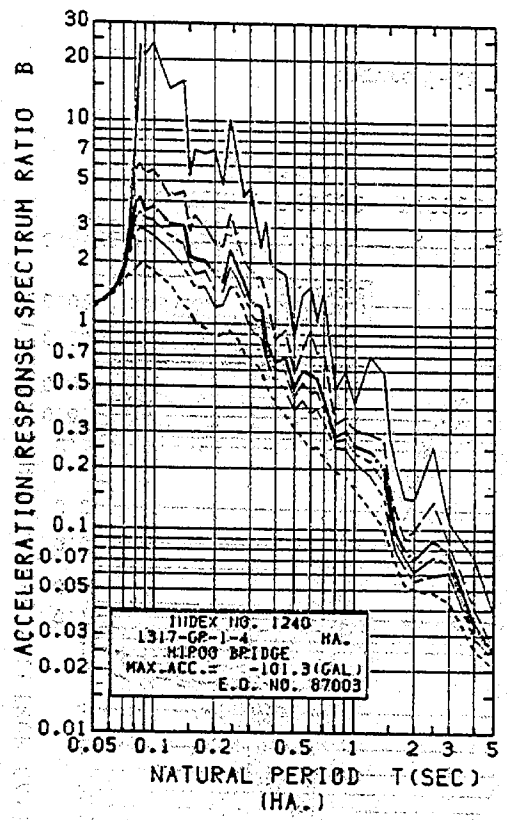
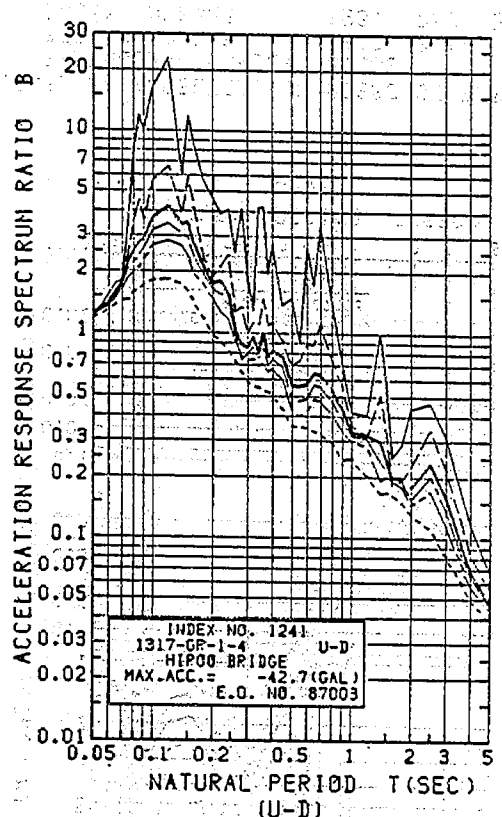
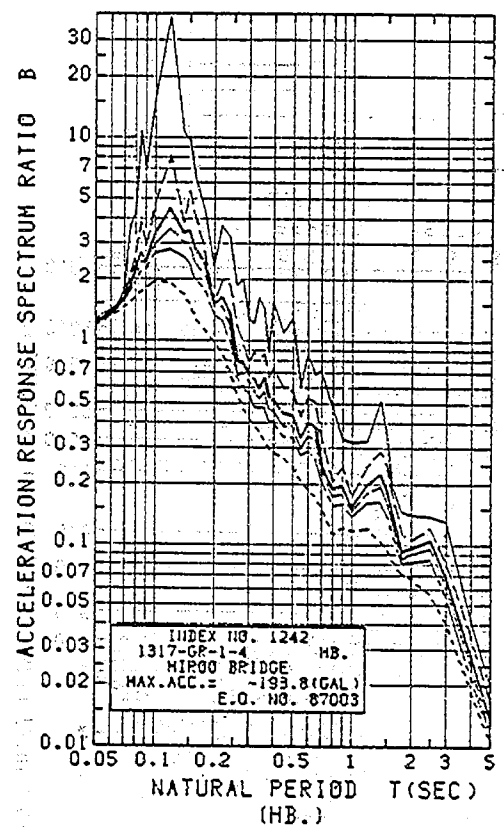


Figure 6–16 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1315-GR-1-1
INDEX NUMBER 1237 1238 1239







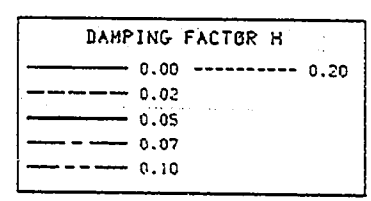
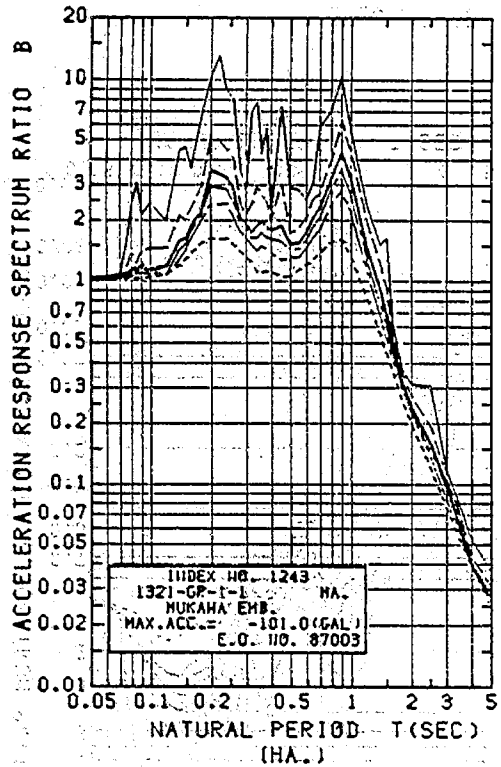
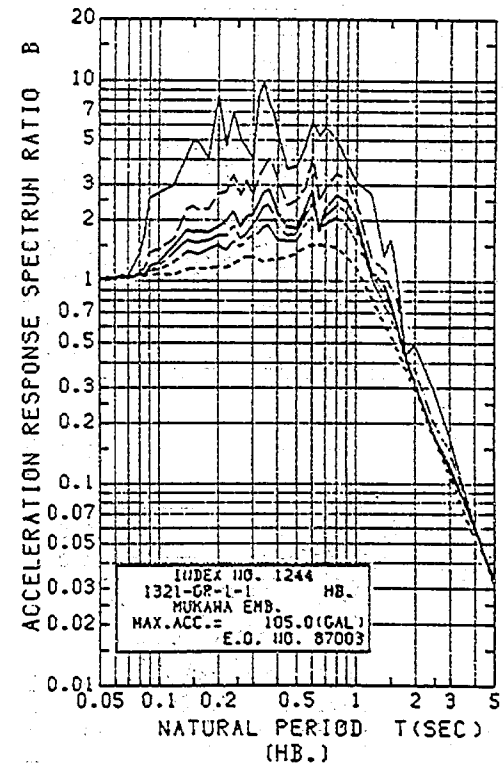


Figure 6-17 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1317-GR-1-4
INDEX NUMBER 1240 1241 1242





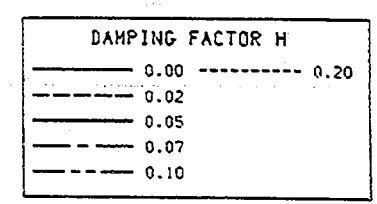


Figure 6-18 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1321-GR-1-1
INDEX NUMBER 1243 1244

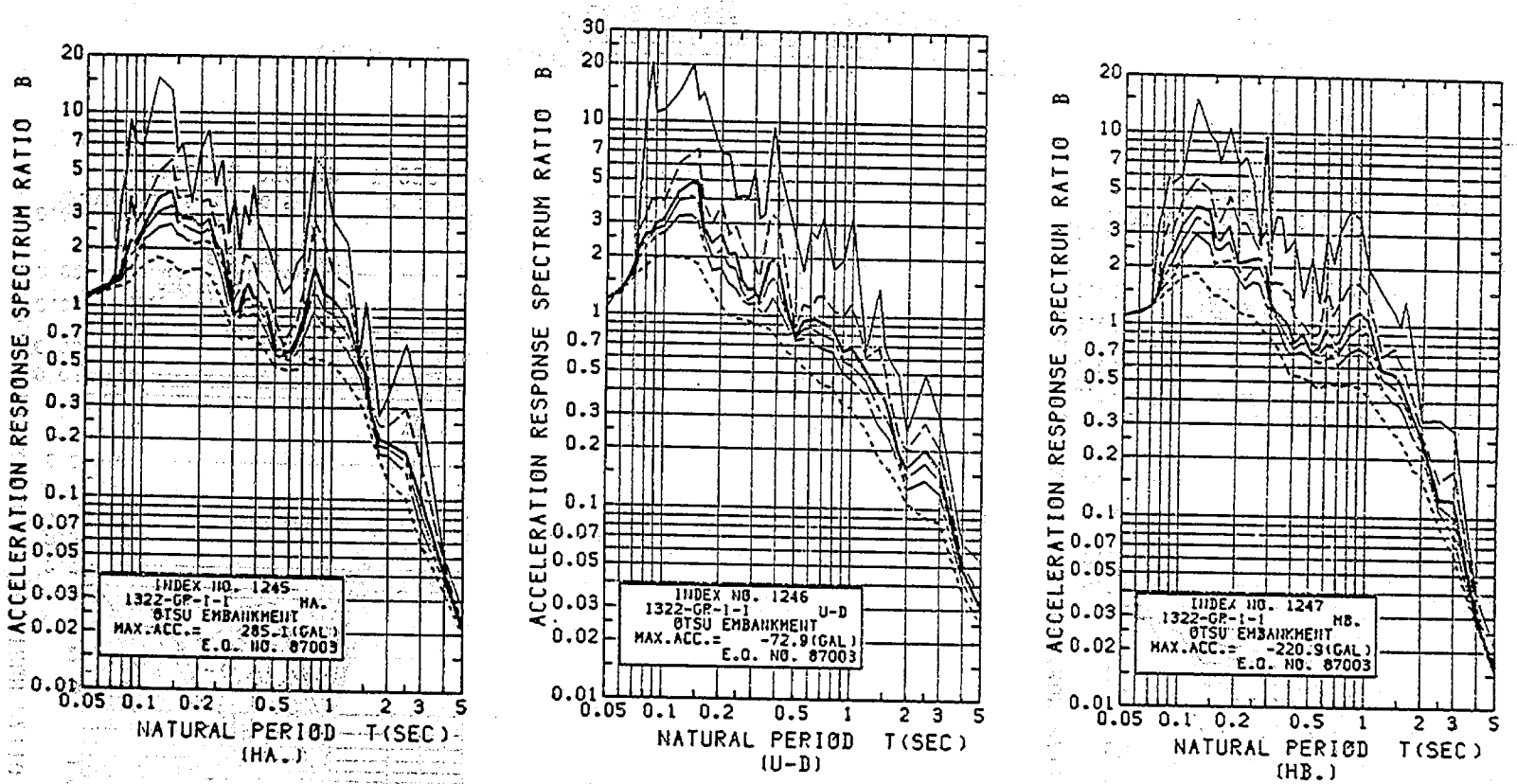


Figure 6-19 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1322-GR-1-1
INDEX NUMBER 1245 1246 1247

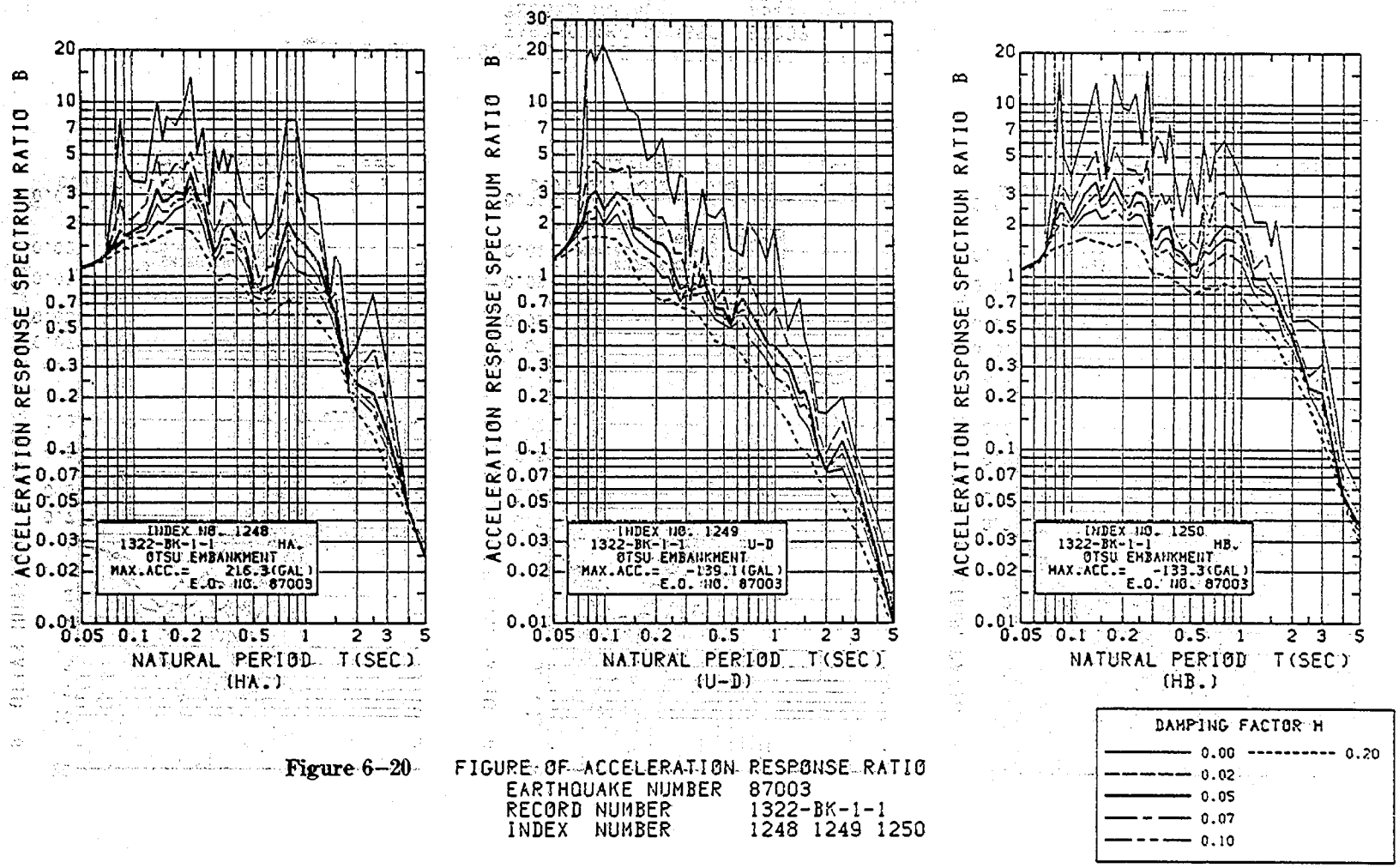
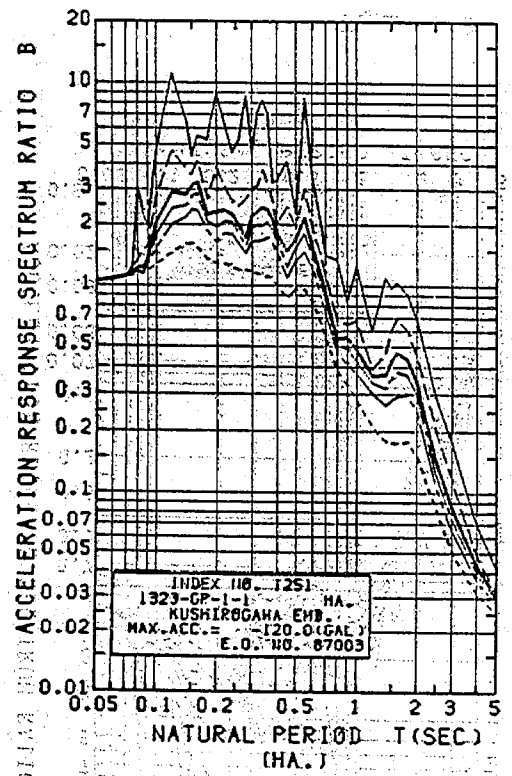
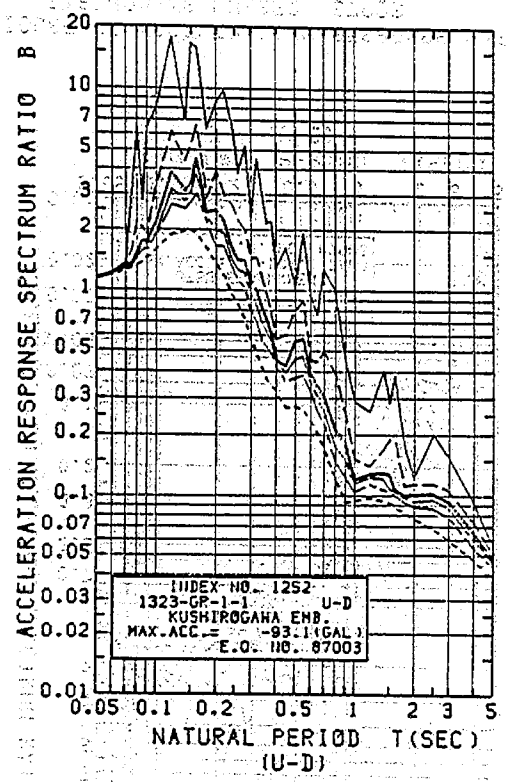
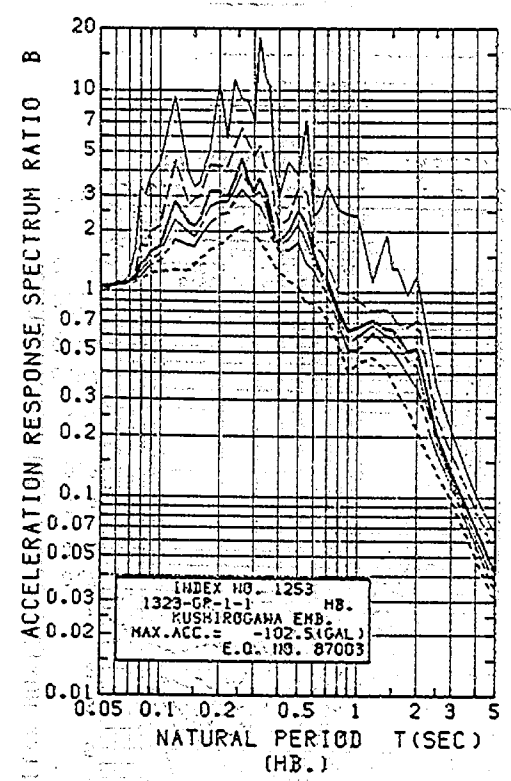


Figure 6–20 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1322-BK-1-1
INDEX NUMBER 1248 1249 1250







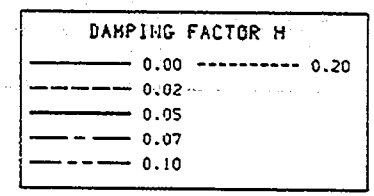
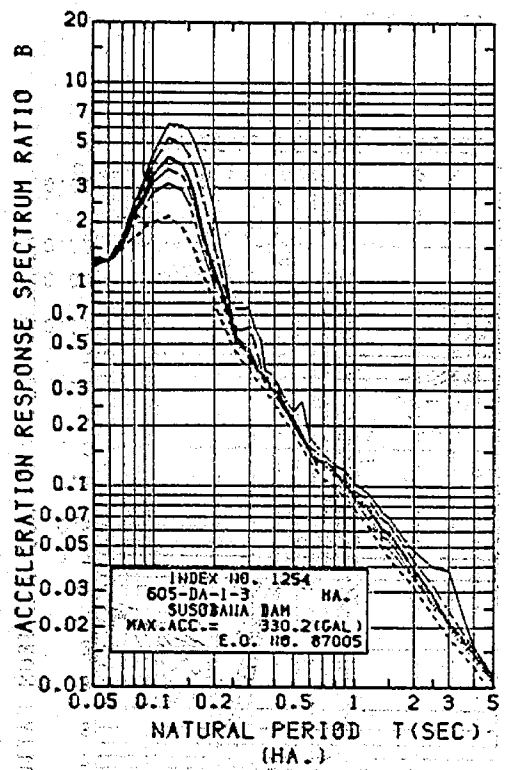
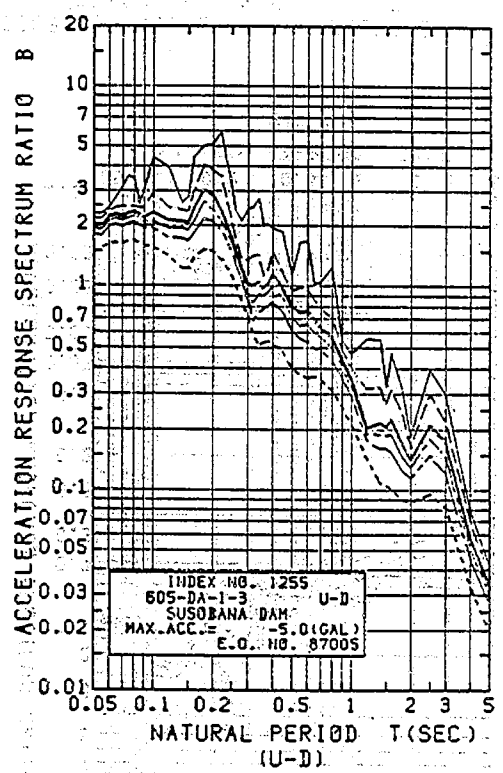


Figure 6-21 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87003
RECORD NUMBER 1323-GR-1-1
INDEX NUMBER 1251 1252 1253





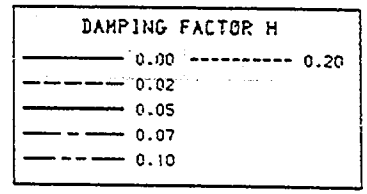
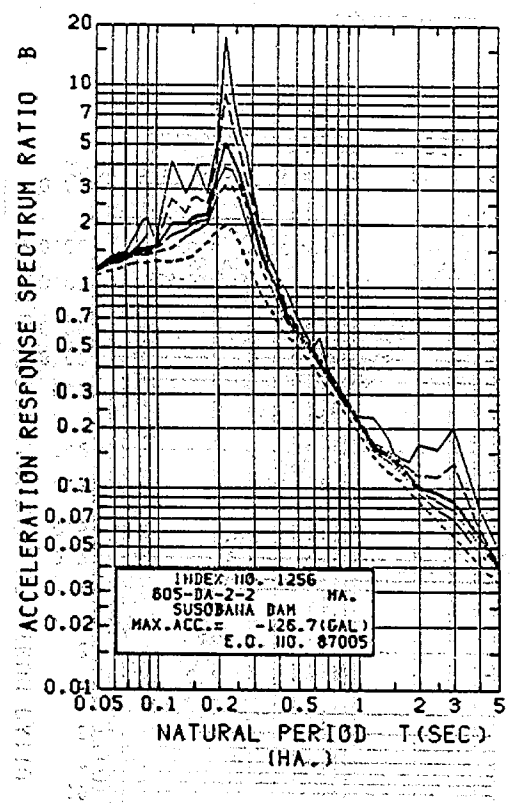
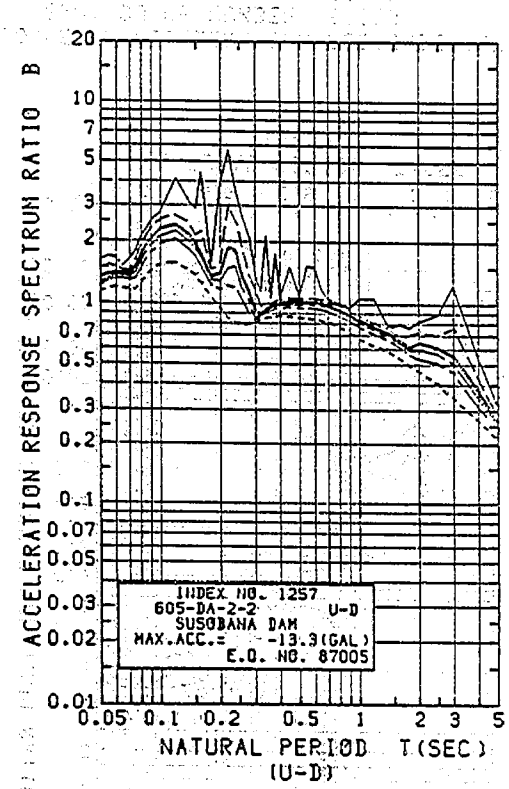
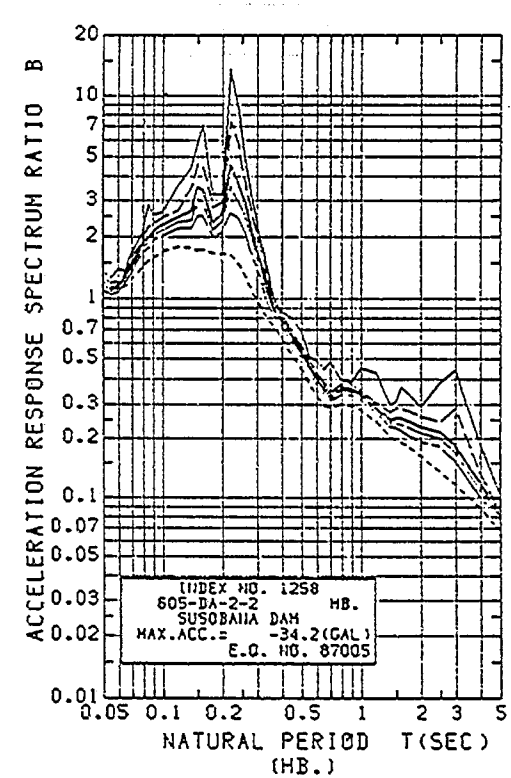


Figure 6-22 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87005
RECORD NUMBER 605-DA-1-3
INDEX NUMBER 1254 1255







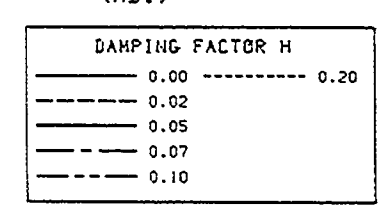
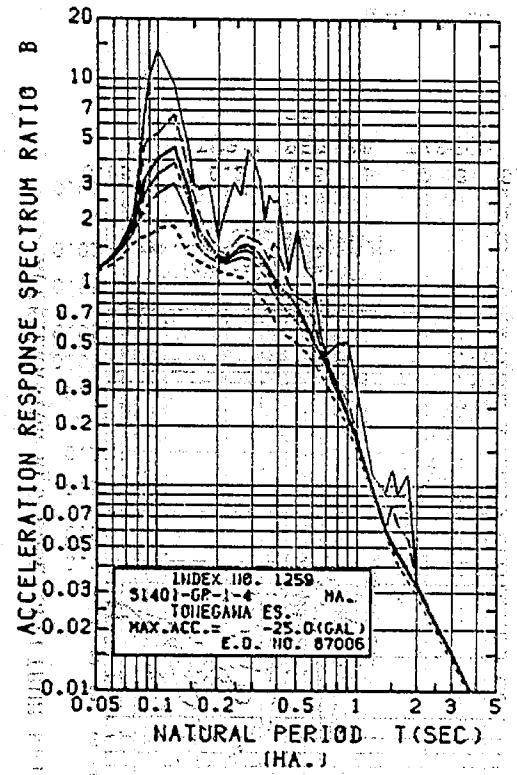
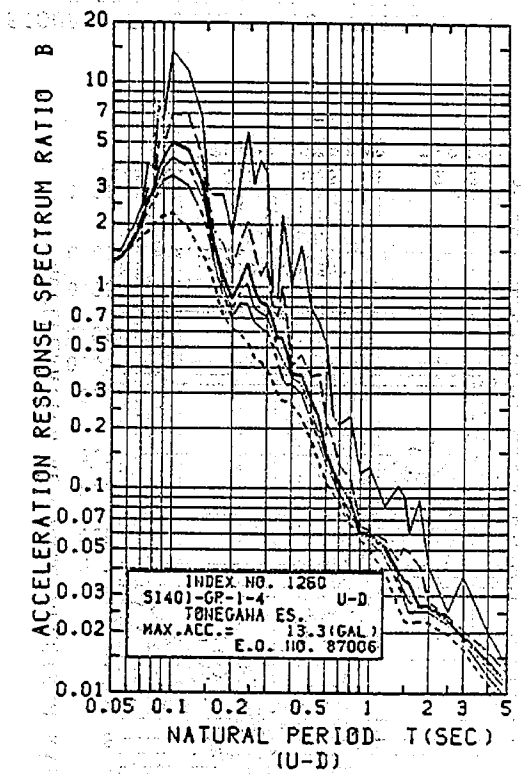
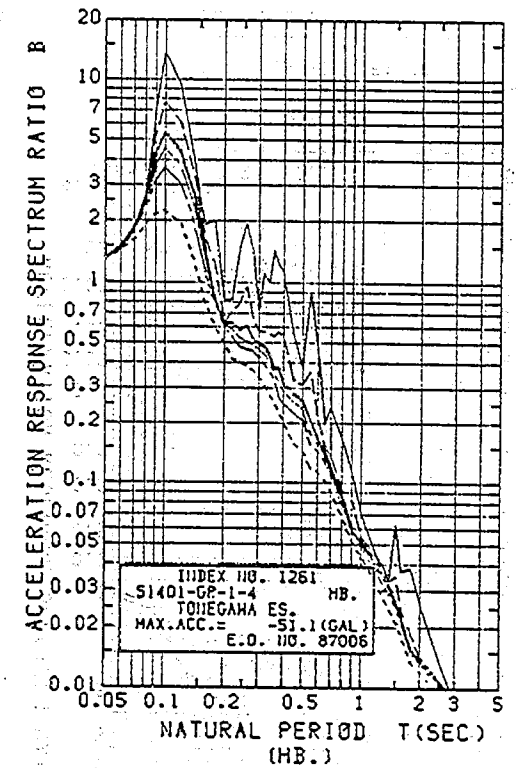


Figure 6-23 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87005
RECORD NUMBER 605-DA-2-2
INDEX NUMBER 1256 1257 1258







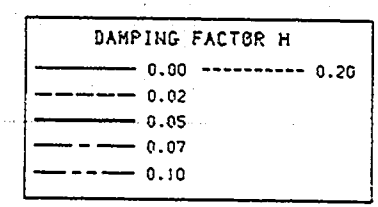
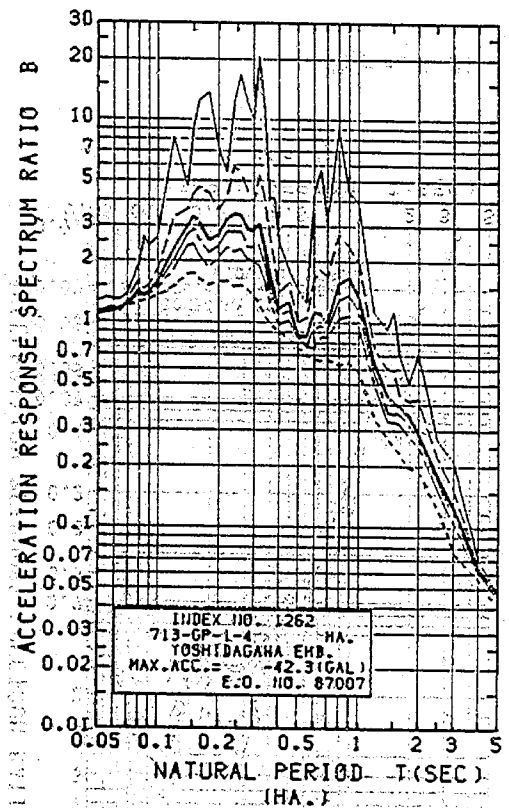
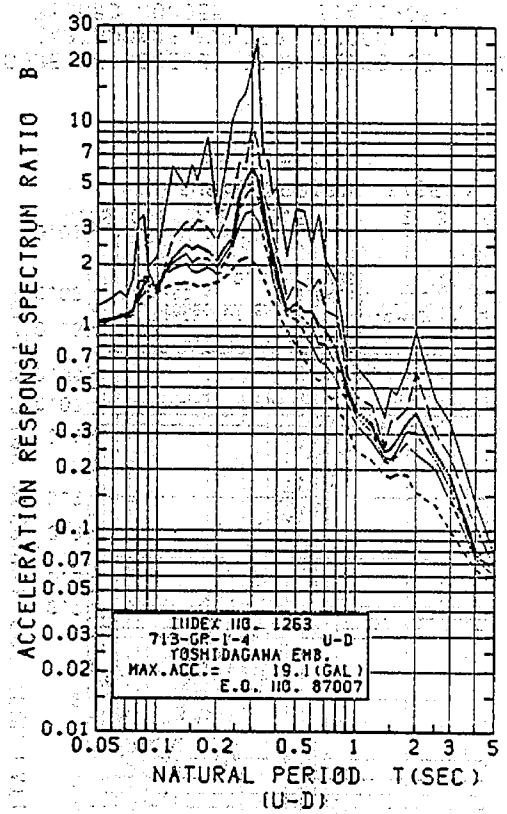
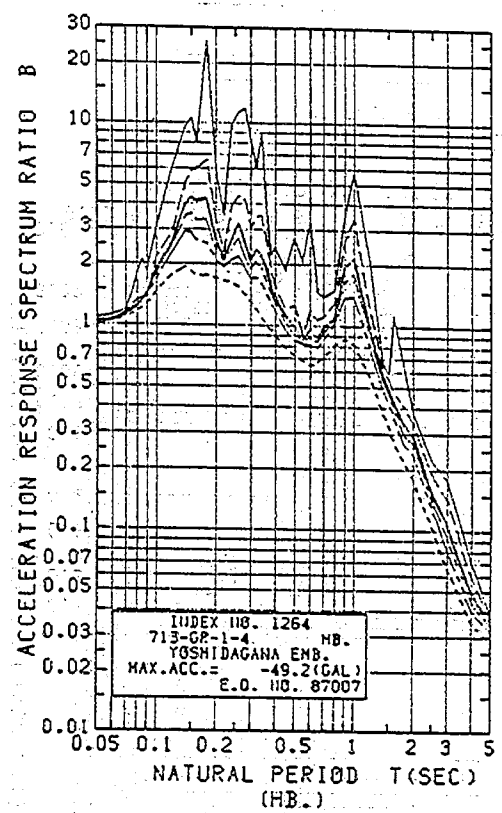


Figure 6–24

FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87006
RECORD NUMBER S1401-GR-1-4
INDEX NUMBER 1259 1260 1261







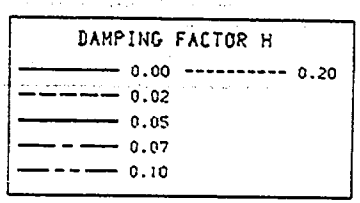


Figure 6-25 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87007
RECORD NUMBER 713-GR-1-4
INDEX NUMBER 1262 1263 1264

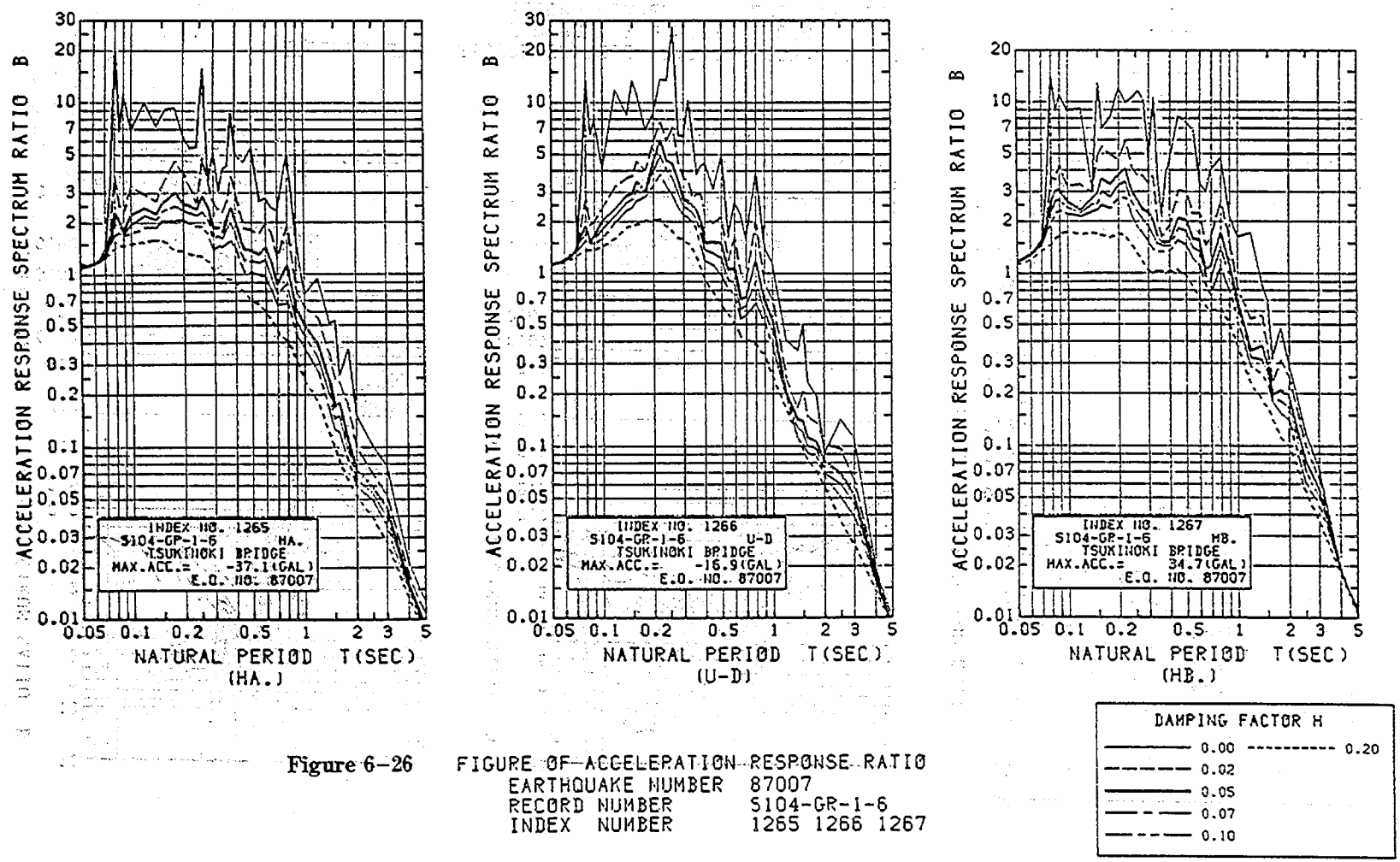


Figure 6-26 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87007
RECORD NUMBER S104-GR-1-6
INDEX NUMBER 1265 1266 1267

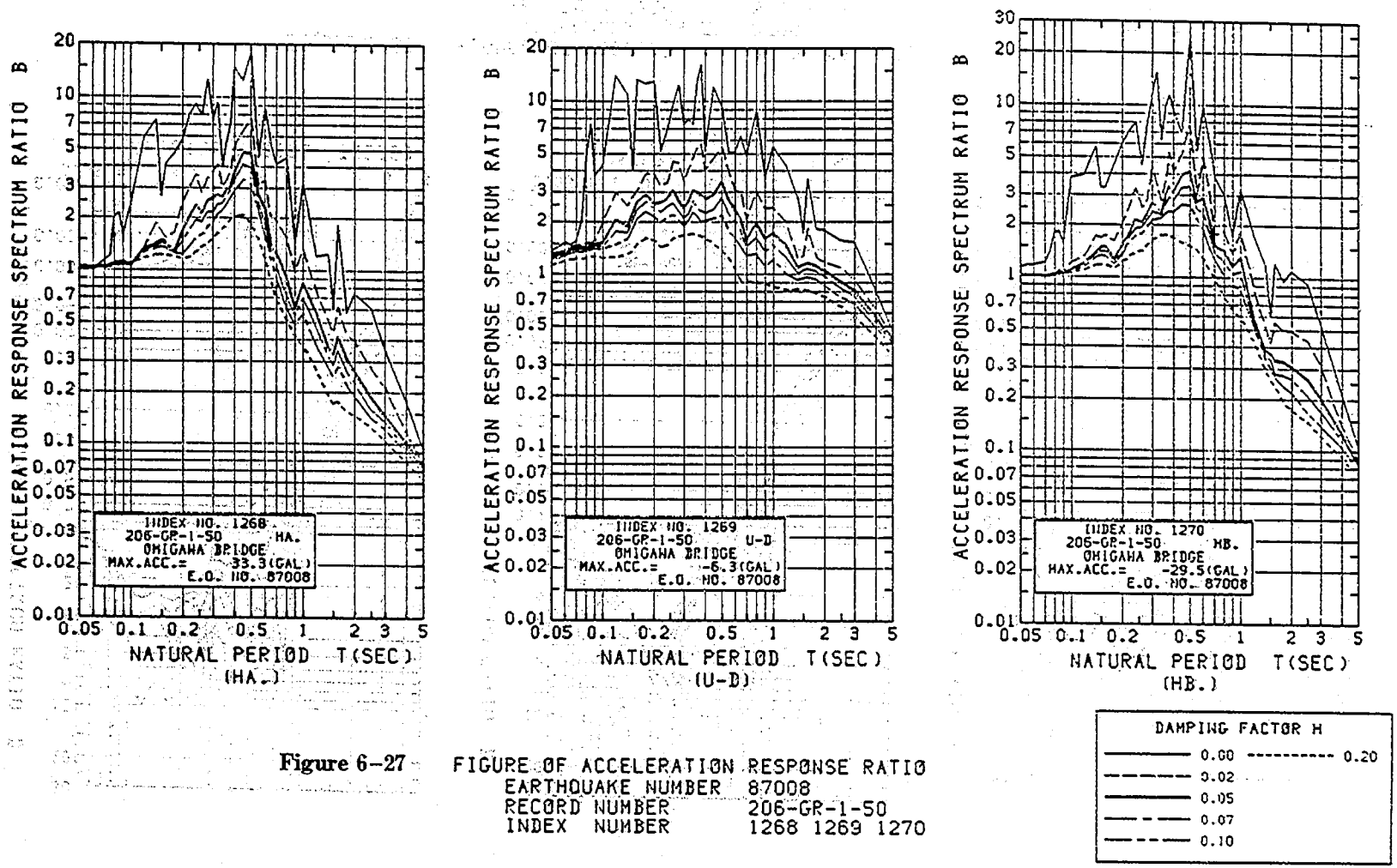


Figure 6–27 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87008
RECORD NUMBER 206-GR-1-50
INDEX NUMBER 1268 1269 1270

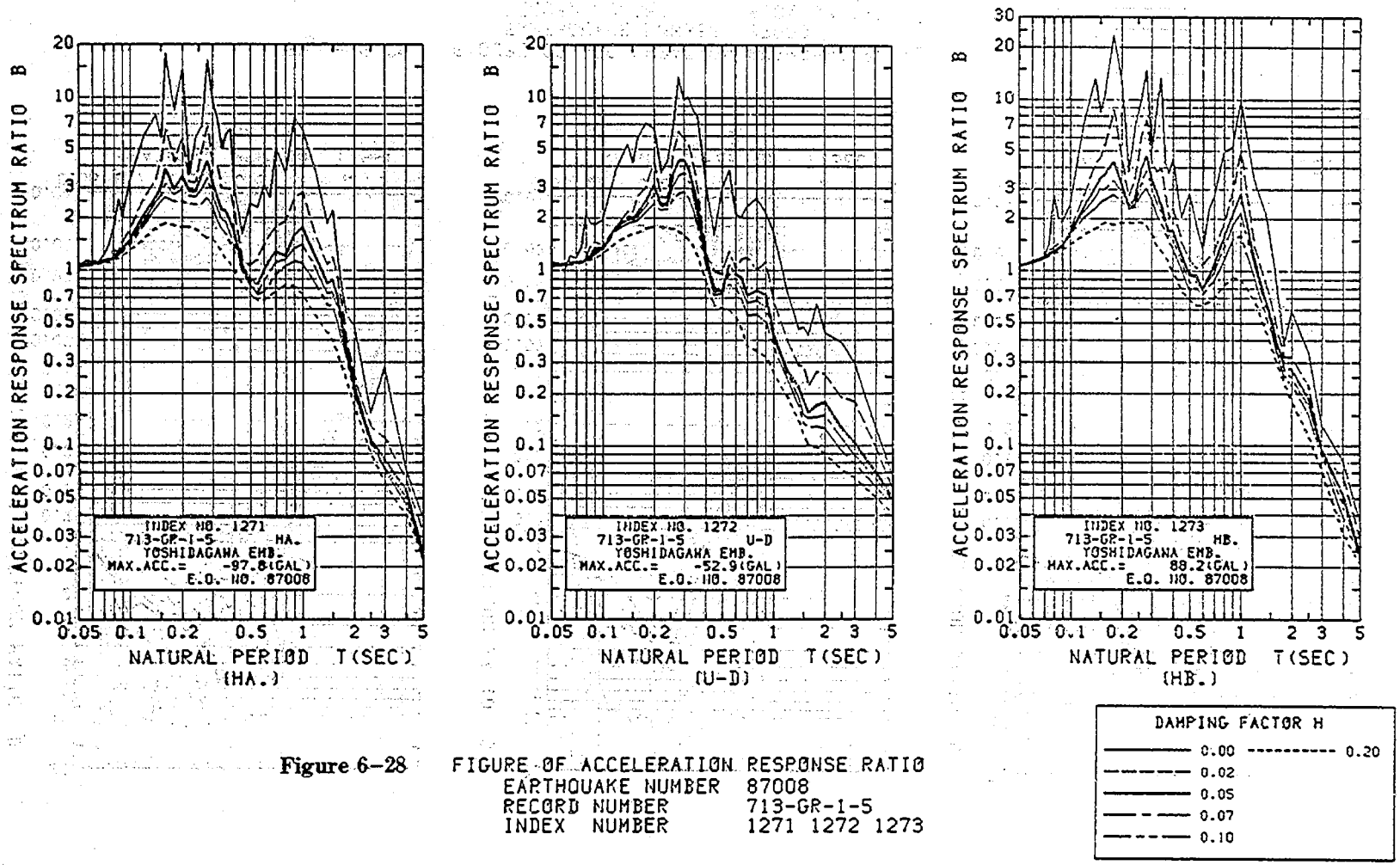
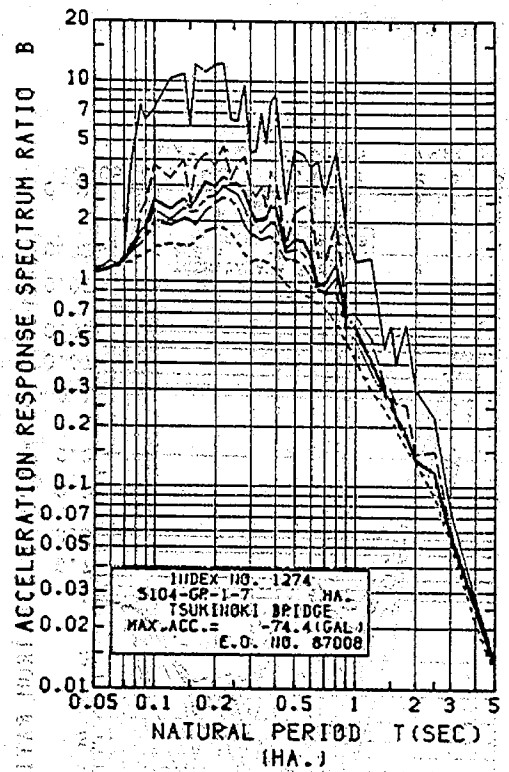
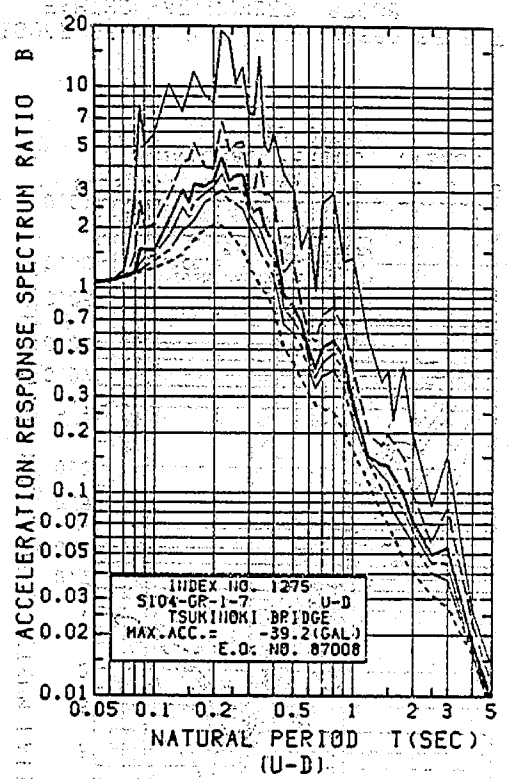
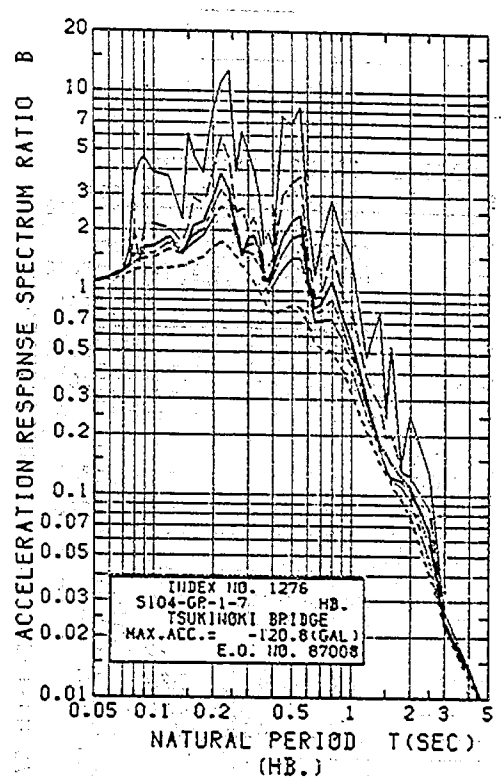


Figure 6-28 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87008
RECORD NUMBER 713-GR-1-5
INDEX NUMBER 1271 1272 1273







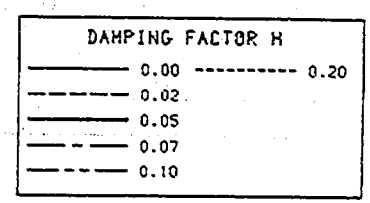


Figure 6–29 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87008
RECORD NUMBER S104-GR-1-7
INDEX NUMBER 1274 1275 1276

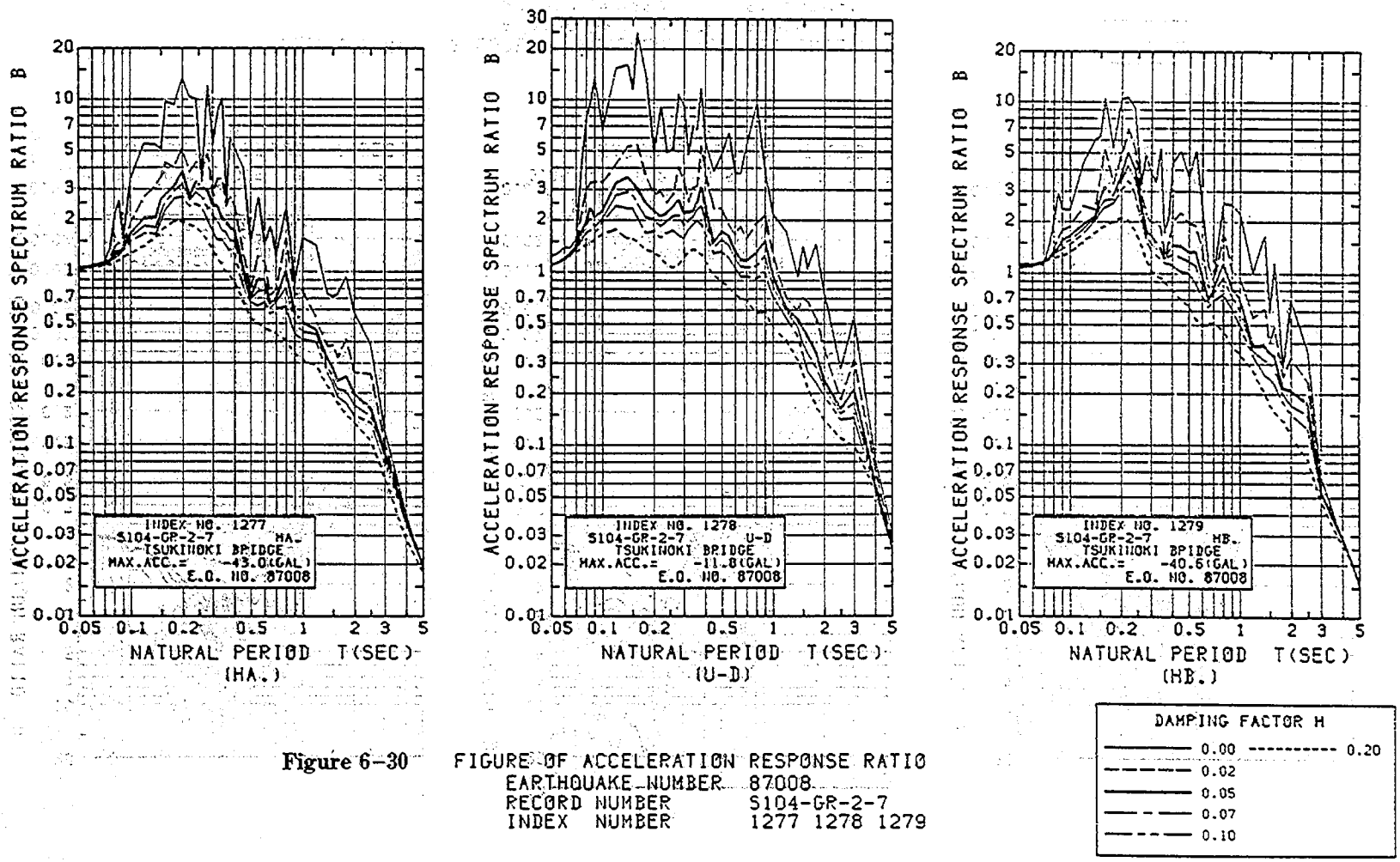


Figure 6–30 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87008
RECORD NUMBER S104-GR-2-7
INDEX NUMBER 1277 1278 1279

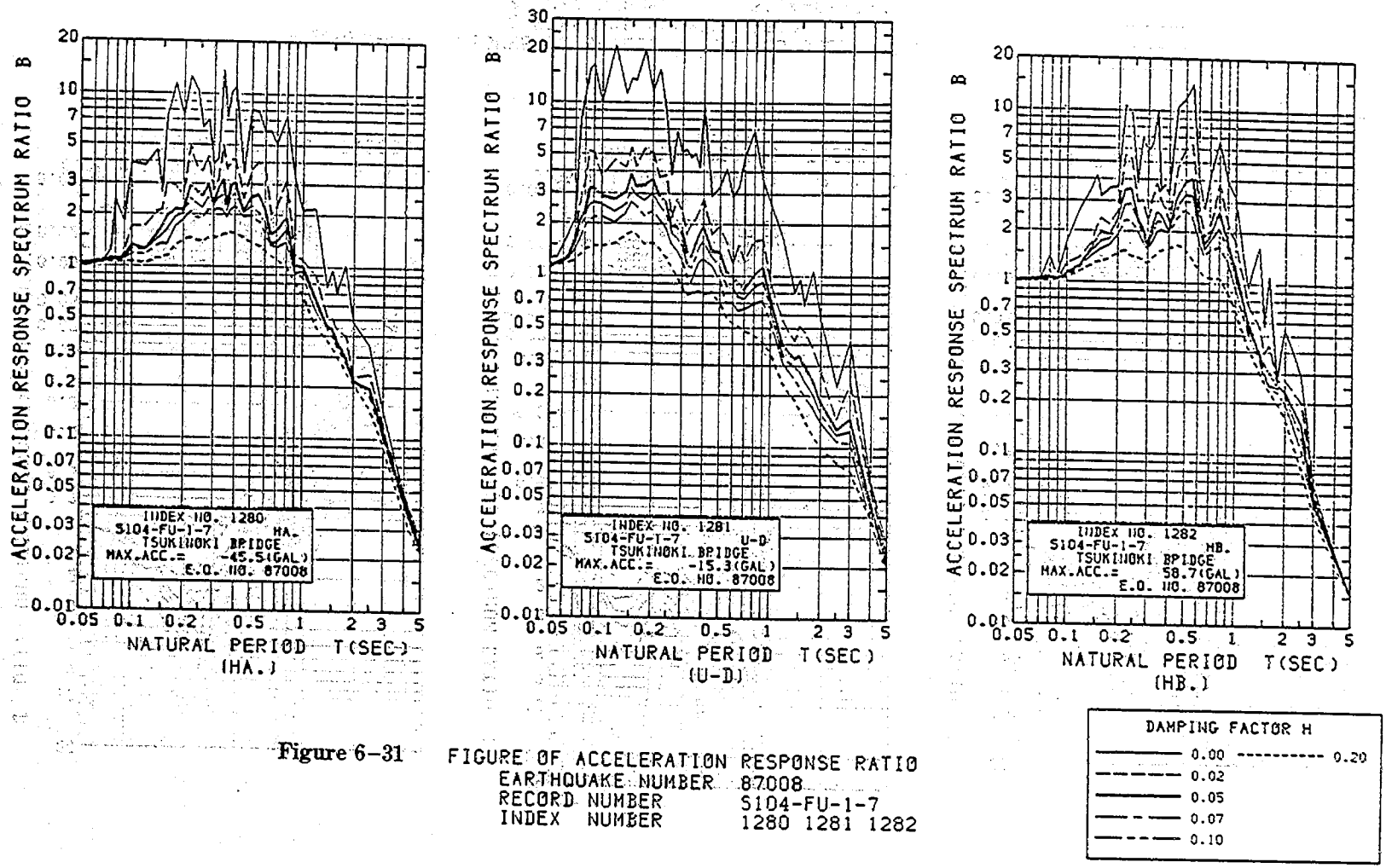
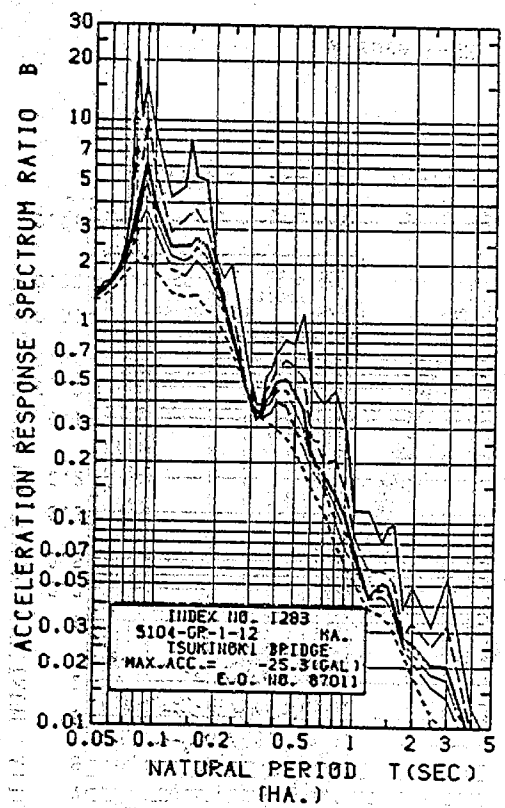
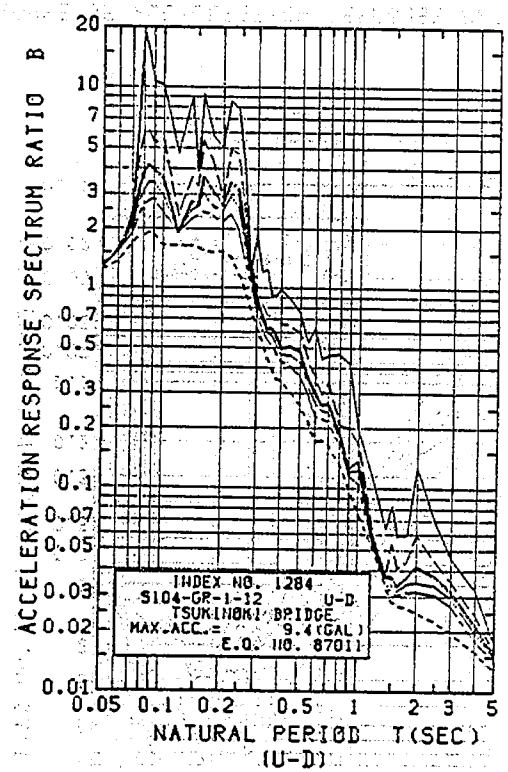
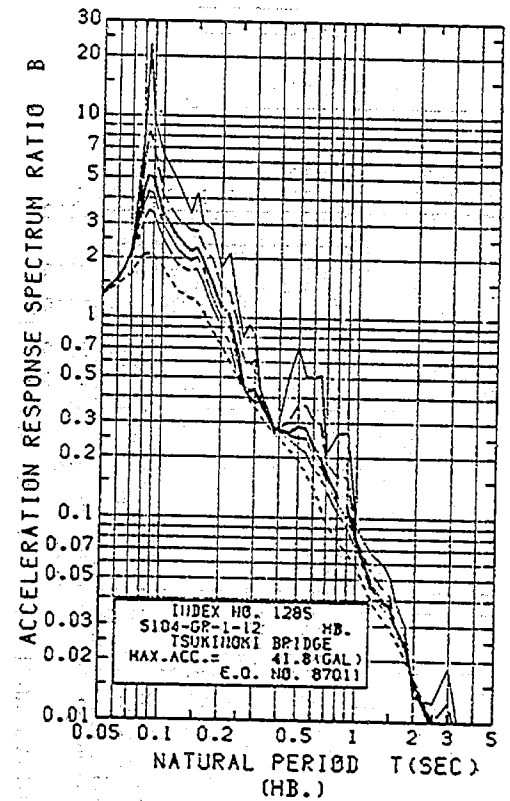


Figure 6-31 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87008
RECORD NUMBER S104-FU-1-7
INDEX NUMBER 1280 1281 1282







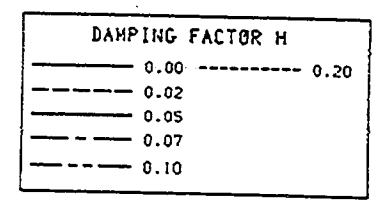
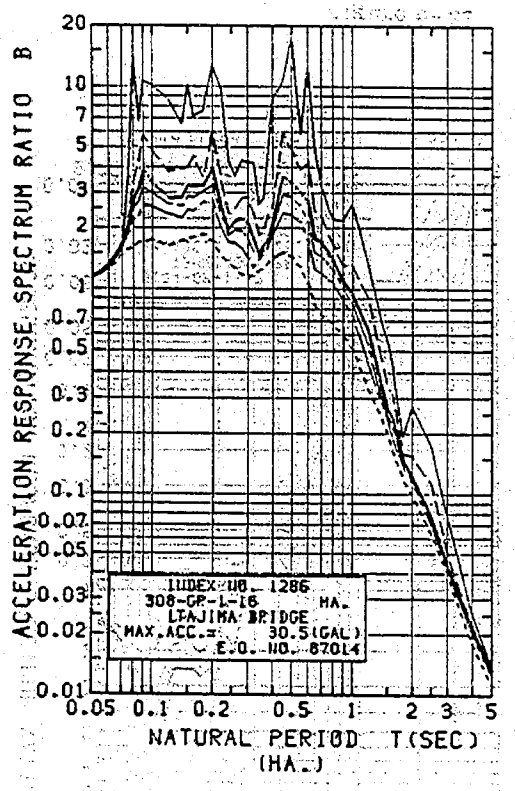
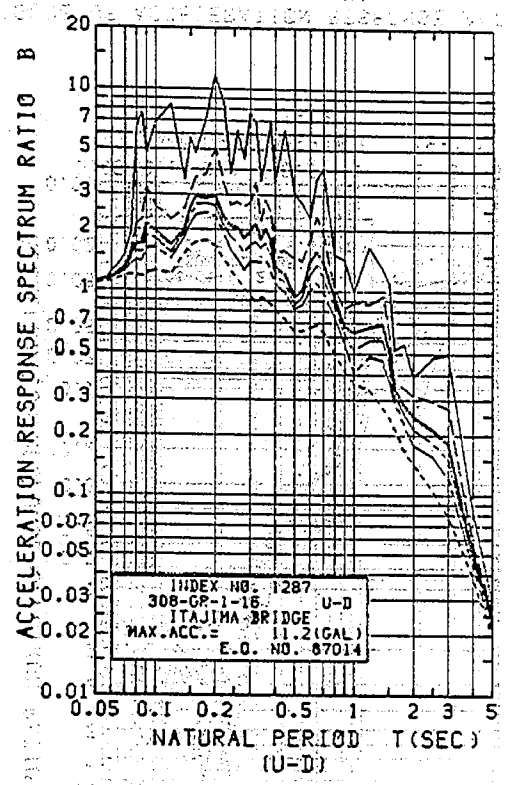
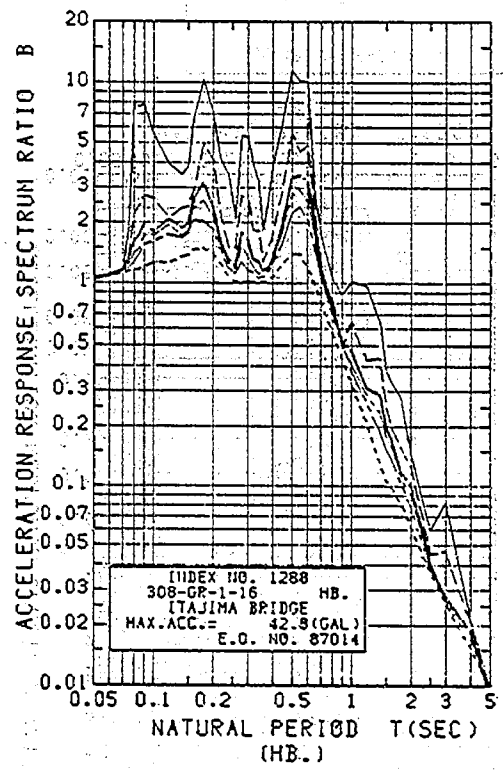


Figure 6-32 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87011
RECORD NUMBER S104-GR-1-12
INDEX NUMBER 1283 1284 1285







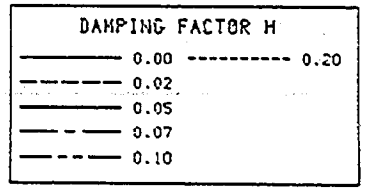
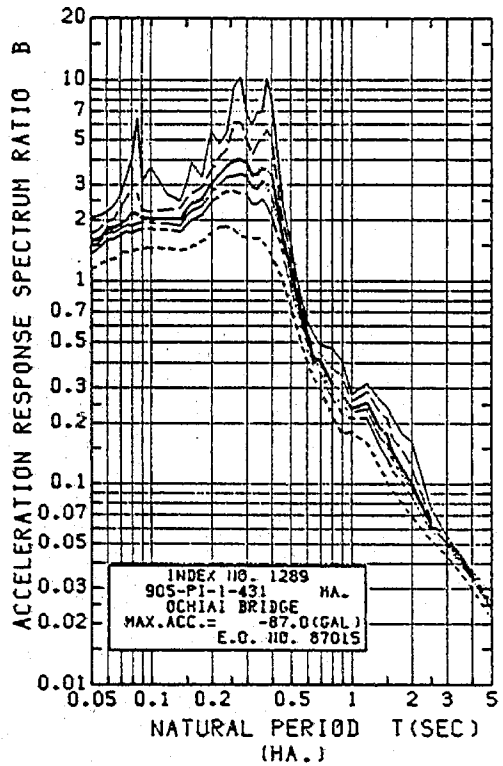
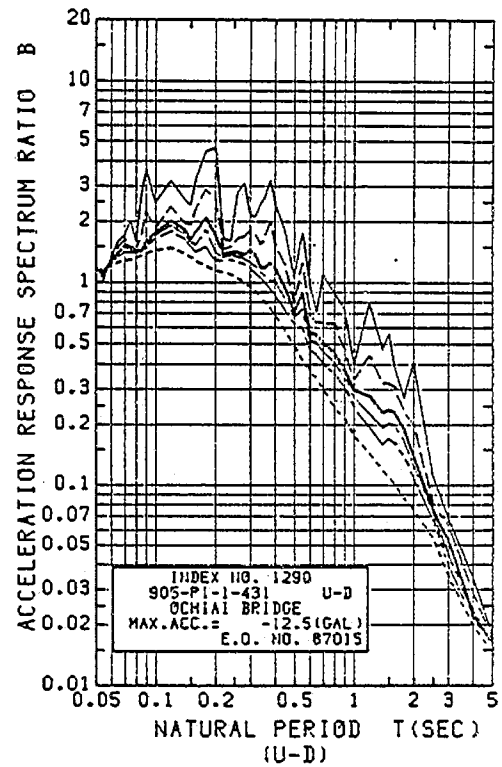
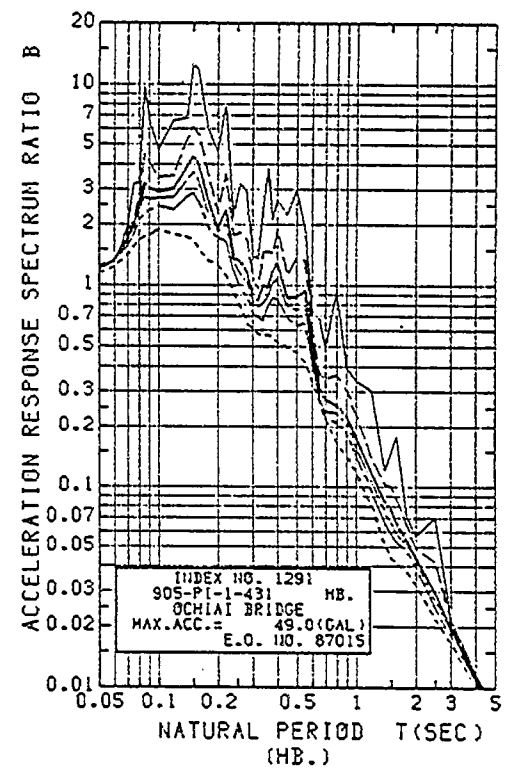


Figure 6–33 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87014
RECORD NUMBER 308-GR-1-16
INDEX NUMBER 1286 1287 1288







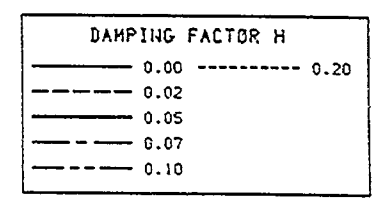
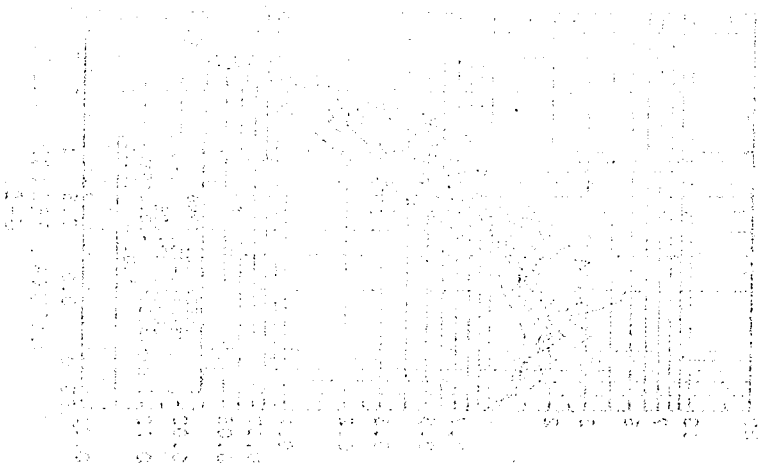
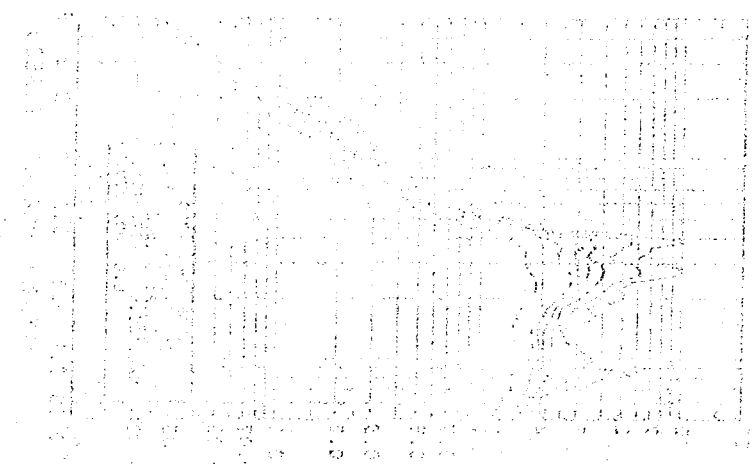


Figure 6-34 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 87015
RECORD NUMBER 905-PI-1-431
INDEX NUMBER 1289 1290 1291





7. 強震記録のディジタル数値

INDEX NUMBERの順に従い，記録毎の地震動加速度のディジタル数値をTable 7－1～Table 7－99に示す。この数値は1/100秒の等時間間隔データについて周波数領域で計器補正及びバンドパスフィルターを施した数値である。表の上部には，INDEX NUMBER，RECORD NUMBER，STATION NAME，MAXIMUM ACCELERATION VALUE及びTIMEを示す。

Table 7-1-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1193 105-GR-1-19 HA. (HA.) MASAKI BRIDGE MAX. ACC. = -196.154 (GAL) T= 10.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.0	0.0	0.0	0.0	-10.727	-13.423	-11.804	-6.585	0.117	5.636
11	0.10	7.822	5.858	0.523	-6.149	-11.666	-13.991	-12.261	-7.083	-0.320	5.545
21	0.20	8.275	6.703	1.232	-6.204	-12.751	-15.682	-13.493	-6.624	2.559	10.588
31	0.30	14.251	11.941	4.382	-5.606	-14.269	-18.499	-17.129	-11.358	-4.104	1.384
41	0.40	2.996	0.617	-4.007	-8.266	-10.006	-8.499	-4.612	-0.157	3.144	4.507
51	0.50	4.301	3.560	3.167	3.212	2.949	1.374	-1.933	-6.227	-9.714	-10.388
61	0.60	-7.171	-0.747	6.436	11.128	10.789	4.950	-4.314	-13.094	-17.313	-14.616
71	0.70	-5.595	6.256	15.910	18.936	13.452	1.032	-13.863	-25.706	-30.183	-25.934
81	0.80	-15.016	-1.883	8.613	13.292	11.849	6.681	1.457	-0.821	0.691	4.368
91	0.90	7.135	6.271	1.049	-6.669	-13.258	-15.191	-10.993	-2.244	6.975	12.004
101	1.00	9.962	1.346	-10.012	-18.683	-20.263	-13.570	-1.278	11.356	19.043	19.028
111	1.10	12.307	2.938	-4.172	-5.820	-2.024	4.267	9.041	9.576	5.938	0.785
121	1.20	-2.380	-1.448	2.908	7.561	8.826	4.819	-3.140	-11.017	-14.252	-10.469
131	1.30	-1.086	9.210	14.960	13.086	4.862	-4.546	-8.889	-4.539	7.027	19.516
141	1.40	24.967	18.214	0.253	-21.502	-36.461	-36.132	-18.721	9.415	36.409	50.408
151	1.50	45.234	23.315	-5.625	-29.398	-39.192	-33.410	-17.643	-1.027	8.873	9.762
161	1.60	4.974	0.527	0.811	5.609	10.301	9.136	-0.457	-15.292	-27.409	-28.384
171	1.70	-14.600	9.645	33.346	44.086	34.781	8.157	-23.764	-45.296	-45.126	-22.509
181	1.80	11.848	40.964	50.307	35.503	4.826	-25.032	-37.853	-26.736	1.887	31.410
191	1.90	43.887	29.911	-5.778	-46.143	-70.388	-64.832	-30.379	17.448	56.080	67.257
201	2.00	46.281	4.348	-37.225	-57.889	-48.166	-14.094	26.394	53.062	53.807	30.473
211	2.10	-2.834	-27.788	-31.768	-14.340	13.055	33.782	35.302	15.968	-14.238	-39.272
221	2.20	-45.729	-29.942	0.272	29.964	45.004	39.274	17.366	-8.431	-24.971	-25.080
231	2.30	-10.788	8.536	21.790	22.233	10.735	-5.381	-16.947	-18.233	-9.915	1.786
241	2.40	9.094	7.336	-2.389	-13.994	-20.051	-16.126	-3.321	12.364	23.397	24.843
251	2.50	16.936	4.709	-4.991	-7.375	-2.268	5.992	11.196	8.883	-1.083	-14.369
261	2.60	-24.500	-26.340	-18.858	-5.707	6.616	12.042	7.937	-3.657	-17.074	-25.784
271	2.70	-25.446	-15.837	-0.812	13.544	21.633	20.686	11.750	-0.989	-12.124	-17.290
281	2.80	-14.830	-6.228	4.762	13.834	17.918	16.283	10.519	3.492	-2.189	-5.400
291	2.90	-6.814	-8.141	-10.732	-14.370	-17.017	-15.815	-8.883	3.059	16.303	25.456
301	3.00	25.985	16.747	1.073	-14.398	-22.784	-20.461	-9.119	4.858	13.601	11.973
311	3.10	0.556	-14.347	-23.911	-21.636	-7.257	12.547	27.275	28.127	13.050	-11.510
321	3.20	-33.329	-40.451	-27.513	1.002	32.461	52.086	50.309	27.719	-4.994	-32.189
331	3.30	-40.964	-27.500	1.139	30.623	46.534	41.430	18.290	-11.283	-33.021	-37.012
341	3.40	-22.264	3.277	27.019	37.944	31.628	11.762	-12.237	-29.984	-34.777	-26.010
351	3.50	-8.586	9.908	22.602	25.728	19.250	6.013	-9.730	-23.591	-31.831	-31.859
361	3.60	-22.788	-6.089	14.093	31.557	39.878	35.023	17.588	-6.616	-28.336	-38.566
371	3.70	-32.617	-12.604	13.027	32.974	38.091	25.649	0.777	-25.677	-41.957	-40.677
381	3.80	-22.138	5.809	31.278	43.570	37.754	16.603	-10.850	-33.347	-42.171	-34.572
391	3.90	-14.502	9.452	27.874	34.368	27.862	12.552	-4.311	-15.709	-17.797	-11.273
401	4.00	-0.712	7.773	9.446	3.150	-8.178	-18.905	-23.382	-18.656	-5.971	9.700
411	4.10	21.904	25.697	19.969	7.959	-4.373	-11.179	-9.257	-1.356	8.639	14.299
421	4.20	11.725	1.165	-13.145	-24.876	-28.841	-23.362	-10.967	2.976	12.919	15.692
431	4.30	11.723	4.406	-1.894	-4.084	-1.680	3.331	7.864	9.486	7.583	3.432
441	4.40	-0.722	-2.945	-2.535	-0.179	2.582	4.176	3.639	0.852	-3.560	-8.448
451	4.50	-12.323	-13.586	-10.931	-3.994	6.007	16.105	22.324	21.306	12.214	-2.134
461	4.60	-15.804	-22.115	-16.952	-1.395	17.953	31.541	31.438	15.745	-9.561	-32.695
471	4.70	-41.443	-29.407	0.069	34.592	58.073	58.403	33.666	-6.343	-44.353	-63.688
481	4.80	-56.261	-26.458	11.130	39.023	45.502	30.160	3.521	-18.995	-25.483	-13.818
491	4.90	7.591	24.908	26.969	11.833	-11.927	-30.038	-30.840	-12.433	15.488	36.442

Table 7-1-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1193 105-GR-1-19 HA. (HA.) MASAKI BRIDGE MAX. ACC. = -196.154 (GAL) T= 10.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	36.239	11.416	-27.769	-61.681	-71.432	-48.989	-2.389	47.385	76.501	70.350
511	5.10	31.346	-21.782	-63.080	-72.347	-45.402	3.710	49.786	69.268	52.245	7.497
521	5.20	-42.004	-70.806	-63.897	-24.249	28.790	69.311	77.756	50.378	0.603	-48.101
531	5.30	-73.943	-67.072	-33.381	9.624	42.242	52.147	39.289	14.117	-9.245	-20.697
541	5.40	-18.548	-8.585	0.972	5.175	5.153	6.437	14.092	27.966	41.325	44.097
551	5.50	29.079	-2.557	-39.982	-66.980	-69.900	-45.200	-2.352	39.819	61.862	53.202
561	5.60	17.560	-28.580	-63.802	-71.991	-49.870	-8.158	34.062	58.722	57.128	33.233
571	5.70	0.578	-25.118	-33.641	-24.401	-5.290	12.513	20.610	17.017	5.795	-6.489
581	5.80	-14.941	-18.553	-19.368	-19.580	-18.887	-14.191	-2.093	17.413	38.701	51.814
591	5.90	47.302	22.226	-16.218	-52.193	-67.942	-52.852	-10.179	42.529	80.391	82.725
601	6.00	43.702	-23.393	-90.976	-129.291	-120.326	-66.771	8.543	72.800	98.297	75.324
611	6.10	16.600	-48.910	-89.855	-87.367	-43.791	18.854	69.817	84.565	56.501	-0.135
621	6.20	-57.402	-87.202	-74.646	-24.872	39.731	90.302	104.975	78.642	24.616	-32.223
631	6.30	-67.206	-66.925	-34.508	12.915	52.881	68.025	53.377	17.491	-22.597	-49.729
641	6.40	-54.198	-37.183	-8.899	17.085	30.346	27.818	14.049	-2.111	-12.358	-12.790
651	6.50	-5.038	5.529	13.208	15.019	11.837	7.195	4.689	5.598	8.131	8.732
661	6.60	4.635	-3.882	-13.013	-17.170	-12.200	1.708	19.151	31.493	31.011	15.215
671	6.70	-10.957	-36.514	-49.102	-40.959	-13.270	23.453	53.525	63.108	46.884	11.086
681	6.80	-28.802	-54.865	-55.031	-28.863	11.993	49.070	65.646	54.562	21.521	-17.737
691	6.90	-45.017	-48.341	-27.487	6.204	35.578	46.048	32.475	1.275	-33.094	-55.290
701	7.00	-56.274	-37.019	-7.223	19.975	34.346	32.772	19.472	2.621	-10.426	-16.593
711	7.10	-17.530	-17.202	-18.410	-20.520	-19.823	-12.256	3.244	22.923	39.213	44.244
721	7.20	33.996	10.833	-17.076	-39.257	-47.621	-39.980	-20.670	1.894	19.321	26.860
731	7.30	24.778	17.086	8.637	2.398	-1.589	-5.179	-9.910	-15.168	-18.011	-14.860
741	7.40	-4.078	12.177	28.099	36.576	32.658	16.356	-6.764	-27.667	-37.734	-32.616
751	7.50	-14.259	9.890	30.087	38.432	32.079	14.165	-7.804	-25.231	-31.870	-25.991
761	7.60	-10.536	8.551	24.883	33.949	34.318	27.466	16.581	5.057	-4.657	-11.438
771	7.70	-15.189	-16.191	-14.596	-10.343	-3.512	5.169	14.166	21.188	24.107	21.731
781	7.80	14.374	3.773	-7.644	-17.765	-25.540	-31.061	-34.966	-37.582	-38.426	-36.492
791	7.90	-31.222	-23.548	-16.168	-12.584	-15.163	-23.246	-32.566	-36.741	-30.455	-12.827
801	8.00	10.990	31.296	38.178	26.757	0.567	-29.082	-47.973	-45.955	-22.455	12.622
811	8.10	43.520	56.742	48.414	26.773	7.965	7.004	28.634	63.327	91.206	92.450
821	8.20	58.894	0.370	-58.352	-89.292	-76.035	-23.733	41.571	84.879	79.992	24.073
831	8.30	-58.922	-128.550	-147.426	-100.455	-3.827	101.286	167.751	165.066	94.284	-12.278
841	8.40	-106.551	-147.784	-121.743	-46.606	37.120	87.277	80.797	24.230	-50.785	-104.235
851	8.50	-107.828	-58.340	21.862	96.974	135.239	123.432	71.282	4.771	-47.305	-66.304
861	8.60	-50.163	-11.279	31.617	62.485	73.338	64.315	40.124	6.247	-32.415	-70.244
871	8.70	-99.041	-108.400	-89.582	-41.431	25.282	88.694	123.054	109.865	47.783	-44.112
881	8.80	-132.245	-181.839	-171.830	-104.528	-5.312	87.762	139.868	133.744	76.210	-5.671
891	8.90	-76.628	-107.807	-87.704	-25.231	55.499	125.640	162.597	157.269	115.457	53.909
901	9.00	-6.681	-48.830	-63.257	-50.599	-19.898	15.234	41.411	49.778	38.537	12.880
911	9.10	-17.616	-43.139	-57.620	-60.772	-57.220	-53.188	-52.493	-54.098	-52.712	-42.298
921	9.20	-20.573	8.181	33.970	45.613	36.789	10.293	-22.112	-44.685	-45.241	-21.404
931	9.30	17.865	56.481	79.171	78.981	60.326	35.917	19.235	16.750	24.333	29.984
941	9.40	21.469	-5.464	-43.131	-74.868	-83.672	-61.981	-17.085	31.242	60.143	55.463
951	9.50	19.640	-28.773	-64.182	-67.216	-35.387	14.621	54.587	58.809	17.586	-56.717
961	9.60	-134.355	-181.576	-176.312	-118.591	-30.649	53.273	102.510	103.484	64.892	12.404
971	9.70	-24.255	-25.543	9.053	61.413	103.886	112.563	78.552	12.246	-61.027	-111.776
981	9.80	-118.720	-77.539	-2.603	78.701	136.476	149.435	112.436	37.859	-49.373	-121.023
991	9.90	-155.552	-145.284	-98.304	-34.553	22.215	53.496	52.614	26.293	-9.275	-36.195

Table 7-1-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1193 105-GR-1-19 HA. (HA.) HASAKI BRIDGE MAX. ACC. = -196.154 (GAL) T= 10.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-42.515	-28.077	-3.284	15.909	16.106	-6.677	-44.608	-81.279	-99.140	-87.676
1011	10.10	-48.451	5.351	54.706	83.118	83.667	61.503	30.763	7.552	2.426	15.921
1021	10.20	39.088	58.511	63.194	69.905	24.489	-1.299	-15.742	-12.902	4.571	26.825
1031	10.30	41.617	40.255	21.885	-5.783	-29.636	-36.827	-20.554	16.466	62.237	99.458
1041	10.40	111.764	89.987	36.134	-36.428	-106.821	-153.355	-160.886	-126.276	-59.943	17.239
1051	10.50	80.806	111.028	99.760	53.285	-9.948	-65.927	-93.592	-82.156	-34.585	33.877
1061	10.60	101.366	146.774	157.466	130.905	76.360	10.271	-48.881	-85.788	-92.016	-67.582
1071	10.70	-20.497	35.349	83.453	108.664	101.244	60.129	-5.680	-78.539	-136.607	-160.427
1081	10.80	-139.669	-77.576	8.849	93.495	149.355	157.537	113.844	30.477	-67.759	-151.575
1091	10.90	-196.154	-138.838	-132.165	-42.228	56.844	140.154	188.691	193.614	157.414	92.150
1101	11.00	15.629	-53.312	-99.314	-113.860	-96.819	-55.860	-3.927	44.575	77.744	89.126
1111	11.10	78.767	52.222	18.089	-14.816	-39.596	-52.188	-51.205	-37.414	-13.483	15.782
1121	11.20	43.251	60.146	58.184	32.879	-13.295	-69.694	-119.613	-145.709	-136.973	-94.297
1131	11.30	-31.765	27.643	60.773	54.029	9.843	-53.347	-108.125	-129.469	-105.678	-43.974
1141	11.40	31.914	91.383	109.778	78.854	10.361	-68.815	-127.761	-144.083	-112.540	-46.293
1151	11.50	29.390	87.913	111.853	98.843	60.829	17.616	-12.053	-17.951	-1.471	26.375
1161	11.60	50.608	58.844	46.046	15.832	-21.663	-54.070	-71.336	-68.874	-48.467	-16.989
1171	11.70	16.281	42.670	56.466	56.010	43.378	23.022	0.004	-21.435	-38.447	-49.252
1181	11.80	-52.338	-45.954	-28.520	-0.057	36.039	72.058	97.026	100.059	75.098	25.016
1191	11.90	-37.178	-91.399	-117.337	-102.677	-49.169	26.488	97.972	139.151	134.464	85.421
1201	12.00	10.254	-63.302	-109.071	-112.629	-76.339	-17.322	40.348	75.540	77.689	49.279
1211	12.10	2.851	-45.274	-81.331	-97.833	-93.877	-73.076	-41.068	-4.130	30.951	56.786
1221	12.20	66.446	56.076	28.001	-7.840	-35.975	-41.200	-15.998	34.079	90.423	127.904
1231	12.30	125.752	78.021	-1.612	-83.744	-134.896	-132.081	-73.678	18.680	108.505	159.705
1241	12.40	151.925	89.104	-2.569	-86.276	-130.373	-121.293	-67.994	3.497	62.393	86.393
1251	12.50	69.975	24.625	-28.219	-67.514	-81.262	-69.862	-43.483	-15.630	3.520	10.864
1261	12.60	10.005	7.714	9.561	17.052	27.436	35.825	38.181	33.522	24.398	15.624
1271	12.70	12.086	16.638	28.866	45.018	59.023	64.280	55.862	32.622	-1.466	-37.479
1281	12.80	-63.703	-69.579	-50.252	-9.845	38.401	75.968	85.962	60.480	5.137	-61.779
1291	12.90	-115.821	-136.242	-115.001	-60.716	4.599	54.939	71.794	52.442	11.047	-28.208
1301	13.00	-42.901	-23.573	21.091	67.837	89.790	69.784	9.792	-68.273	-131.141	-148.612
1311	13.10	-107.427	-18.280	87.370	169.541	195.857	154.719	59.973	-54.743	-149.372	-192.839
1321	13.20	-174.150	-105.055	-13.824	66.628	111.075	109.915	70.248	10.712	-46.897	-85.398
1331	13.30	-96.605	-81.539	-47.628	-5.053	35.992	66.559	79.351	69.451	35.966	-15.929
1341	13.40	-74.053	-120.980	-138.984	-116.904	-56.136	27.381	107.002	154.405	150.606	94.359
1351	13.50	4.030	-88.457	-149.545	-157.086	-109.044	-24.098	66.126	129.859	147.530	118.465
1361	13.60	59.396	-4.060	-48.788	-63.215	-50.271	-23.561	0.720	11.879	8.919	-0.773
1371	13.70	-6.983	-3.150	9.763	23.945	29.376	19.752	-3.574	-31.779	-52.755	-57.105
1381	13.80	-42.812	-16.211	11.168	28.201	29.349	16.872	-0.874	-13.976	-15.910	-6.386
1391	13.90	9.171	22.968	29.080	26.274	18.064	10.175	7.008	9.155	13.321	14.620
1401	14.00	9.847	-0.219	-10.904	-16.167	-12.239	-0.303	13.411	20.450	14.593	-4.323
1411	14.10	-29.329	-48.876	-52.078	-34.264	-0.119	37.353	61.925	61.226	32.685	-14.462
1421	14.20	-62.256	-91.103	-87.959	-52.105	4.058	59.643	93.526	92.786	57.857	2.284
1431	14.30	-52.753	-86.837	-88.152	-57.647	-8.028	41.763	74.112	79.243	58.183	21.357
1441	14.40	-16.248	-41.116	-45.985	-31.742	-6.069	20.177	37.206	39.558	27.411	5.851
1451	14.50	-17.296	-34.185	-39.351	-31.230	-12.506	10.710	30.709	40.602	36.677	19.921
1461	14.60	-3.971	-26.364	-38.792	-36.316	-19.748	4.358	26.167	36.610	31.324	12.706
1471	14.70	-10.969	-29.102	-33.462	-22.030	0.167	23.065	36.129	33.026	14.409	-12.449
1481	14.80	-36.931	-49.680	-46.435	-29.424	-5.905	15.261	27.284	27.727	18.621	4.746
1491	14.90	-8.786	-18.375	-22.507	-21.211	-15.141	-5.108	7.632	20.710	30.409	32.492

Table 7-1-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1193 105-GR-1-19 HA. (HA.) HASAKI BRIDGE MAX. ACC. = -196.154 (GAL) T= 10.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	24.074	5.713	-17.571	-37.294	-44.571	-34.132	-7.436	26.836	55.547	66.294
1511	15.10	52.898	18.697	-24.023	-58.524	-70.324	-53.321	-12.698	36.756	76.301	90.608
1521	15.20	73.828	31.902	-19.771	-62.292	-80.401	-67.979	-29.848	20.604	66.806	95.119
1531	15.30	99.302	81.764	51.456	19.577	-4.953	-18.400	-22.494	-22.299	-22.860	-26.391
1541	15.40	-31.244	-33.120	-27.803	-13.969	5.423	23.991	34.732	33.449	21.085	3.657
1551	15.50	-10.382	-14.230	-6.331	8.404	20.579	20.785	4.555	-24.634	-55.991	-75.670
1561	15.60	-72.938	-45.435	-1.018	44.878	75.352	78.988	54.560	11.417	-34.543	-67.418
1571	15.70	-77.400	-63.835	-34.202	0.050	28.534	45.399	49.949	44.750	32.855	16.051
1581	15.80	-4.897	-28.461	-50.596	-64.694	-63.908	-44.910	-10.992	27.628	57.137	65.957
1591	15.90	50.392	17.075	-19.394	-42.859	-43.425	-22.092	9.094	32.924	35.506	13.465
1601	16.00	-23.847	-58.433	-72.206	-55.915	-14.051	36.769	75.233	85.078	62.463	17.498
1611	16.10	-30.694	-62.859	-68.113	-48.069	-14.880	15.452	30.952	28.782	15.305	1.471
1621	16.20	-3.713	1.919	12.940	19.913	15.180	-2.372	-26.194	-45.200	-49.517	-35.797
1631	16.30	-9.322	18.244	34.370	31.687	11.580	-16.417	-39.078	-45.620	-32.592	-5.289
1641	16.40	24.851	45.494	48.808	34.581	9.805	-14.819	-29.703	-30.283	-18.382	-0.695
1651	16.50	14.672	21.874	19.558	10.821	1.132	-6.604	-4.414	0.035	4.620	5.175
1661	16.60	-0.083	-9.344	-17.837	-20.084	-12.773	3.144	22.185	36.255	38.045	24.487
1671	16.70	-1.321	-30.760	-52.850	-58.725	-45.534	-17.978	13.343	36.212	41.952	29.178
1681	16.80	4.443	-20.598	-34.325	-30.289	-10.068	17.493	40.296	48.424	38.506	15.032
1691	16.90	-11.914	-31.388	-36.508	-27.292	-10.161	5.504	11.998	6.841	-6.399	-20.270
1701	17.00	-27.383	-24.097	-12.146	2.512	12.922	14.708	8.195	-1.962	-9.340	-9.136
1711	17.10	-0.616	12.563	24.259	28.928	24.291	12.271	-2.156	-13.509	-18.345	-16.535
1721	17.20	-10.726	-4.436	0.031	2.685	5.363	10.024	16.905	23.690	26.343	21.257
1731	17.30	7.615	-11.382	-29.242	-38.735	-35.143	-18.660	5.273	27.998	41.167	40.230
1741	17.40	26.280	5.471	-13.711	-24.064	-22.543	-11.200	4.105	16.497	21.033	16.528
1751	17.50	5.561	-7.088	-15.742	-20.723	-19.075	-13.980	-8.349	-6.371	-2.710	-2.566
1761	17.60	-2.593	-1.529	0.921	4.223	7.420	9.691	10.674	10.442	9.221	7.134
1771	17.70	4.193	0.541	-3.223	-5.959	-6.307	-3.371	2.584	9.839	15.633	17.214
1781	17.80	13.128	4.094	-7.026	-16.278	-20.300	-17.862	-10.503	-1.875	3.969	4.554
1791	17.90	0.256	-5.834	-9.460	-7.450	0.469	11.264	19.936	22.015	15.975	4.297
1801	18.00	-7.518	-13.624	-10.910	-0.891	10.720	16.717	12.195	-2.504	-21.293	-34.807
1811	18.10	-34.825	-18.564	9.326	38.270	56.255	55.312	35.363	4.526	-24.390	-39.612
1821	18.20	-35.661	-15.643	10.481	30.754	36.812	27.489	8.811	-9.461	-18.821	-15.985
1831	18.30	-3.935	10.274	19.534	20.286	13.810	4.729	-2.172	-4.820	-4.679	-5.126
1841	18.40	-8.479	-13.676	-16.268	-11.015	4.291	26.112	45.517	51.965	38.891	8.167
1851	18.50	-29.230	-57.280	-62.177	-39.371	3.225	47.848	74.504	70.187	35.301	-151958
1861	18.60	-61.694	-82.186	-68.923	-28.533	20.287	55.419	61.441	36.491	-7.271	-49.646
1871	18.70	-71.850	-64.519	-33.243	8.151	40.965	51.948	38.306	7.971	-24.907	-46.722
1881	18.80	-50.075	-35.926	-11.753	12.797	30.278	37.761	36.408	29.207	18.601	5.537
1891	18.90	-9.684	-25.618	-38.504	-42.890	-34.126	-11.500	19.843	49.655	66.174	61.165
1901	19.00	34.090	-6.730	-46.835	-71.264	-70.748	-45.702	-6.193	32.170	54.665	53.403
1911	19.10	30.274	-4.296	-36.087	-53.149	-50.542	-31.797	-6.680	13.543	21.117	14.867
1921	19.20	0.112	-14.349	-20.658	-15.635	-2.155	12.386	19.784	15.018	-0.938	-21.430
1931	19.30	-36.835	-38.903	-24.654	1.894	31.012	51.102	53.495	36.181	4.851	-29.218
1941	19.40	-53.593	-59.581	-45.577	-17.526	13.619	36.289	42.703	31.514	7.804	-19.347
1951	19.50	-40.507	-49.207	-43.722	-26.904	-4.515	17.016	32.499	39.025	36.162	25.607
1961	19.60	10.629	-4.567	-15.661	-19.287	-14.196	-2.069	12.599	23.834	26.489	18.616
1971	19.70	2.783	-14.526	-25.441	-24.199	-10.028	12.045	33.053	43.917	39.570	21.398
1981	19.80	-3.210	-24.102	-32.906	-26.753	-9.415	10.652	24.386	26.325	16.921	1.920
1991	19.90	-10.769	-15.089	-9.728	1.485	11.761	14.914	8.501	-5.001	-19.448	-28.007

Table 7-1-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1193 105-GR-1-19 HA. (HA.) HASAKI BRIDGE MAX. ACC. = -196.154 (GAL) T= 10.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-26.348	-14.531	3.177	20.334	31.116	32.587	25.510	13.556	1.469	-6.898
2011	20.10	-9.865	-8.143	-4.107	-0.578	0.358	-1.897	-6.325	-10.760	-12.784	-10.777
2021	20.20	-4.746	3.417	10.487	13.193	9.789	1.196	-8.977	-15.771	-15.172	-6.334
2031	20.30	7.457	19.806	24.012	16.464	-1.066	-21.582	-35.692	-35.989	-20.879	4.118
2041	20.40	28.489	41.451	37.082	17.300	-8.905	-29.730	-36.281	-26.883	-7.759	10.318
2051	20.50	17.728	11.103	-4.864	-19.917	-23.791	-11.940	11.617	35.947	48.603	42.060
2061	20.60	17.843	-13.849	-38.949	-46.352	-33.349	-6.893	19.923	34.369	30.260	10.725
2071	20.70	-13.743	-30.824	-32.576	-19.137	1.851	19.613	25.972	19.398	5.335	-7.202
2081	20.80	-10.777	-3.607	9.623	20.556	21.973	11.958	-4.865	-19.695	-24.263	-15.361
2091	20.90	3.214	22.363	32.185	26.963	8.110	-16.405	-35.845	-41.791	-32.028	-11.402
2101	21.00	10.659	24.629	25.156	13.153	-5.106	-21.229	-28.576	-24.930	-12.693	1.910
2111	21.10	13.697	19.015	17.752	12.472	6.647	2.848	1.748	2.285	2.693	1.703
2121	21.20	-0.704	-3.347	-4.545	-3.064	1.176	6.943	12.103	14.411	12.368	5.861
2131	21.30	-3.627	-13.322	-19.940	-20.774	-14.754	-3.101	10.791	22.337	27.380	23.855
2141	21.40	12.783	-1.945	-15.016	-21.850	-20.518	-12.511	-1.966	6.362	9.280	6.786
2151	21.50	1.703	-1.894	-1.042	4.355	11.321	15.324	12.765	3.136	-10.339	-22.015
2161	21.60	-26.494	-21.331	-8.381	6.935	18.122	20.643	13.977	1.717	-10.299	-16.838
2171	21.70	-15.671	-8.349	0.893	7.440	8.551	4.447	-2.190	-7.857	-10.035	-8.197
2181	21.80	-3.627	1.637	5.955	8.643	9.716	9.206	6.716	1.684	-5.764	-13.963
2191	21.90	-19.714	-19.471	-11.331	3.246	19.162	29.396	28.203	14.300	-7.695	-28.626
2201	22.00	-38.648	-31.886	-9.629	19.701	44.029	53.069	43.147	19.017	-8.320	-26.802
2211	22.10	-29.010	-15.576	5.353	22.329	26.343	15.225	-5.457	-25.396	-34.807	-29.278
2221	22.20	-11.763	9.180	23.857	26.253	16.712	1.239	-12.041	-17.238	-13.551	-5.171
2231	22.30	1.549	1.971	-4.100	-12.340	-16.484	-12.082	0.702	16.817	28.818	30.762
2241	22.40	21.448	5.186	-10.326	-17.938	-14.729	-3.459	8.963	15.219	11.540	-0.212
2251	22.50	-13.454	-20.356	-16.073	-1.524	16.756	29.696	30.165	16.615	-5.950	-28.195
2261	22.60	-40.773	-38.662	-23.394	-2.168	15.671	23.035	18.234	5.421	-7.775	-14.147
2271	22.70	-10.412	1.355	14.954	23.224	21.538	9.939	-7.027	-22.577	-30.853	-29.453
2281	22.80	-20.197	-7.906	2.056	6.244	4.439	-0.681	-5.192	-5.989	-2.257	4.270
2291	22.90	10.276	12.511	9.319	1.412	-8.391	-16.261	-18.837	-14.529	-4.205	8.937
2301	23.00	20.296	25.347	21.260	8.159	-10.498	-28.702	-39.787	-38.876	-25.004	-1.964
2311	23.10	22.696	40.318	44.510	33.827	12.516	-11.136	-28.242	-33.063	-25.338	-10.109
2321	23.20	4.890	13.019	11.820	3.883	-4.912	-8.826	-5.534	2.555	9.665	10.026
2331	23.30	1.428	-13.043	-26.163	-30.190	-21.108	-1.236	21.336	36.400	36.652	21.561
2341	23.40	-1.977	-22.693	-30.319	-20.673	2.099	27.301	42.718	40.477	20.894	-7.565
2351	23.50	-32.205	-42.019	-32.760	-8.787	19.127	38.891	42.618	29.989	7.967	-12.826
2361	23.60	-23.231	-19.706	-5.606	10.835	20.728	18.854	6.051	-11.366	-24.778	-27.450
2371	23.70	-17.746	0.084	17.876	27.331	23.850	8.701	-11.471	-27.566	-32.093	-22.570
2381	23.80	-2.747	18.926	32.941	32.924	18.517	-4.330	-25.851	-36.676	-31.931	-13.421
2391	23.90	11.097	31.242	38.469	29.707	8.583	-16.260	-34.913	-40.338	-31.065	-11.384
2401	24.00	10.852	27.669	34.044	29.372	16.925	1.901	-10.849	-18.358	-19.911	-16.446
2411	24.10	-9.664	-1.407	6.476	12.069	13.558	9.844	1.379	-9.378	-18.428	-21.721
2421	24.20	-17.094	-5.664	8.219	18.698	21.120	14.432	1.938	-10.128	-15.626	-11.663
2431	24.30	-0.208	12.754	20.221	17.837	6.306	-8.745	-19.500	-19.941	-9.050	8.448
2441	24.40	24.262	30.564	23.874	6.834	-13.031	-26.928	-28.980	-18.921	-1.993	13.784
2451	24.50	21.561	18.820	8.246	-3.988	-11.527	-11.002	-3.481	6.401	13.059	12.905
2461	24.60	6.123	-3.561	-10.888	-11.775	-5.354	5.626	16.161	21.376	18.780	9.349
2471	24.70	-3.006	-13.239	-17.390	-14.228	-5.633	4.349	11.318	12.392	7.354	-1.358
2481	24.80	-9.767	-14.094	-12.378	-5.317	4.026	11.534	13.822	9.755	1.017	-8.531
2491	24.90	-14.487	-13.842	-6.368	5.176	16.149	21.995	20.204	11.399	-0.936	-11.967

Table 7-1-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1193 105-GR-1-19 HA. (HA.) HASAKI BRIDGE MAX. ACC. = -196.154 (GAL) T= 10.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-17.563	-15.978	-8.435	1.596	10.004	13.779	12.091	6.312	-0.888	-6.852
2511	25.10	-9.986	-10.129	-8.210	-5.521	-3.054	-1.235	-0.077	0.481	0.348	-0.646
2521	25.20	-2.451	-4.533	-5.901	-5.516	-2.905	1.386	5.814	8.417	7.726	3.547
2531	25.30	-2.802	-8.971	-12.593	-12.334	-8.477	-2.757	2.463	5.260	4.928	2.120
2541	25.40	-1.657	-4.868	-6.632	-6.925	-6.255	-5.102	-3.501	-1.080	2.483	6.886
2551	25.50	10.938	12.895	11.307	5.967	-1.611	-8.571	-11.908	-9.951	-3.399	4.722
2561	25.60	10.311	10.135	3.563	-6.829	-16.206	-19.650	-14.595	-2.318	12.317	22.881
2571	25.70	24.319	15.430	-0.315	-16.119	-24.835	-22.238	-9.063	9.173	24.557	30.309
2581	25.80	23.844	7.959	-10.414	-23.304	-25.246	-15.657	0.998	17.266	26.020	23.506
2591	25.90	10.816	-6.782	-22.237	-29.704	-26.815	-15.352	-0.198	12.838	19.321	17.690
2601	26.00	9.483	-1.604	-11.315	-16.395	-15.584	-9.787	-1.515	6.128	10.540	10.459
2611	26.10	6.301	-0.075	-6.113	-9.559	-9.354	-6.050	-1.535	1.847	2.430	0.079
2621	26.20	-3.694	-6.473	-6.199	-2.360	3.573	8.750	10.356	7.153	0.303	-7.036
2631	26.30	-11.217	-10.012	-3.900	4.005	9.458	9.320	3.375	-5.302	-11.724	-11.543
2641	26.40	-3.503	9.513	21.515	26.145	19.872	4.047	-15.278	-29.832	-32.840	-22.239
2651	26.50	-1.875	19.984	34.181	34.687	21.279	-0.334	-20.999	-32.083	-29.178	-13.891
2661	26.60	6.973	24.440	31.226	24.746	8.032	-11.744	-26.420	-30.287	-22.356	-6.576
2671	26.70	10.017	20.372	20.399	10.616	-4.182	-17.060	-21.965	-16.368	-2.396	14.017
2681	26.80	25.643	27.079	17.151	-0.446	-18.607	-29.787	-29.243	-17.124	1.529	18.929
2691	26.90	27.925	25.138	12.451	-3.861	-15.977	-18.102	-9.141	6.763	22.083	29.343
2701	27.00	24.566	9.170	-10.563	-26.208	-30.898	-22.342	-3.836	17.147	32.135	35.186
2711	27.10	25.257	6.464	-13.778	-27.839	-30.845	-22.346	-6.138	11.526	24.455	28.732
2721	27.20	23.823	12.331	-1.295	-12.489	-18.046	-16.926	-10.249	-0.660	8.648	14.916
2731	27.30	16.562	13.525	7.167	-0.249	-6.349	-9.465	-9.193	-6.469	-3.082	-0.832
2741	27.40	-0.667	-2.244	-4.138	-4.641	-2.779	1.021	4.981	6.838	5.095	0.042
2751	27.50	-6.093	-10.046	-9.139	-2.851	6.538	14.665	16.989	11.035	-2.117	-17.924
2761	27.60	-30.150	-33.574	-26.405	-11.216	6.107	18.956	22.929	17.692	6.894	-3.808
2771	27.70	-9.598	-8.794	-3.424	2.163	3.893	0.350	-6.338	-11.638	-11.197	-3.490
2781	27.80	8.938	20.401	24.825	18.961	4.376	-12.889	-24.981	-25.973	-14.854	3.761
2791	27.90	21.637	30.741	27.050	12.487	-5.968	-19.592	-22.054	-12.395	4.582	20.657
2801	28.00	28.118	23.352	8.426	-10.056	-24.146	-28.238	-21.449	-7.677	6.572	15.393
2811	28.10	16.119	10.171	1.848	-4.170	-5.242	-1.907	2.766	5.139	3.153	-2.480
2821	28.20	-8.678	-11.700	-9.246	-1.799	7.508	14.424	15.725	10.857	2.231	-5.984
2831	28.30	-9.936	-7.999	-1.527	5.895	10.323	9.482	3.920	-3.290	-8.143	-7.781
2841	28.40	-2.005	6.538	13.611	15.443	10.605	0.757	-10.074	-17.341	-18.061	-12.147
2851	28.50	-2.385	6.899	11.804	10.539	4.058	-4.554	-11.598	-14.400	-12.332	-6.822
2861	28.60	-0.459	4.279	6.056	5.023	2.445	-0.105	-1.514	-1.511	-0.563	0.545
2871	28.70	1.168	1.035	0.223	-1.030	-2.486	-3.928	-5.069	-5.485	-4.708	-2.492
2881	28.80	0.877	4.454	6.840	6.723	3.528	-2.163	-8.667	-13.785	-15.685	-13.688
2891	28.90	-8.576	-2.268	3.010	5.652	5.295	2.843	-0.066	-1.895	-1.906	-0.419
2901	29.00	1.466	2.695	1.925	-0.122	-2.734	-4.679	-4.996	-3.438	-0.568	2.507
2911	29.10	4.624	5.057	3.785	1.469	-0.859	-2.234	-2.147	-0.736	1.300	3.013
2921	29.20	3.620	2.850	1.066	-0.893	-2.074	-1.859	-0.266	2.037	4.008	4.692
2931	29.30	3.646	1.122	-2.071	-4.938	-6.729	-7.184	-6.497	-5.063	-3.171	-0.879
2941	29.40	1.873	4.969	7.891	9.742	9.616	7.120	2.779	-1.993	-5.411	-6.134
2951	29.50	-3.967	-0.045	3.650	5.233	3.865	0.185	-4.015	-6.712	-6.702	-4.187
2961	29.60	-0.603	2.224	3.086	2.005	0.078	-1.322	-1.498	-0.900	-0.808	-2.363
2971	29.70	-5.551	-8.841	-9.818	-6.596	0.779	9.808	16.388	16.772	9.691	-2.534
2981	29.80	-14.656	-20.809	-17.423	-5.269	10.523	22.651	25.081	16.090	-0.680	-17.757
2991	29.90	-27.334	-25.025	-12.038	5.368	18.910	22.334	14.475	-0.196	-13.829	-19.143

Table 7-1-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1193 105-GR-1-19 HA. (HA.) HASAKI BRIDGE MAX. ACC. = -196.154 (GAL) T= 10.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-13.098	1.525	17.445	26.438	23.401	8.918	-10.904	-27.249	-32.705	-24.699
3011	30.10	-6.680	13.465	26.977	28.075	16.382	-3.093	-22.273	-33.490	-32.561	-20.203
3021	30.20	-1.367	17.023	28.840	30.869	23.564	10.380	-3.806	-14.442	-18.602	-15.538
3031	30.30	-6.547	5.611	17.474	25.688	27.776	22.623	11.881	-2.085	-14.899	-22.432
3041	30.40	-22.088	-13.913	-0.817	12.362	20.668	21.039	13.629	1.813	-9.217	-14.684
3051	30.50	-12.317	-3.329	8.183	17.142	19.822	15.487	6.577	-2.612	-8.081	-8.021
3061	30.60	-3.514	2.267	5.889	5.520	1.822	-2.571	-4.697	-3.071	1.360	5.678
3071	30.70	6.662	2.727	-4.945	-12.791	-16.644	-13.977	-5.428	5.294	13.142	14.260
3081	30.80	8.009	-2.609	-12.371	-16.417	-12.654	-2.774	8.662	16.554	17.801	12.720
3091	30.90	4.650	-1.985	-4.071	-1.367	3.584	7.072	6.433	1.595	-4.900	-9.382
3101	31.00	-9.206	-4.340	2.537	7.487	7.537	2.438	-5.067	-10.639	-10.705	-4.524
3111	31.10	5.201	13.522	15.721	9.768	-2.468	-15.942	-24.738	-24.851	-16.080	-2.140
3121	31.20	11.055	18.071	16.336	7.128	-5.199	-15.296	-19.192	-15.863	-7.397	2.212
3131	31.30	8.956	10.503	6.977	0.601	-5.502	-8.741	-8.090	-4.331	0.476	4.006
3141	31.40	4.686	2.313	-1.934	-6.060	-8.117	-7.029	-3.036	2.404	7.238	9.680
3151	31.50	8.980	5.735	1.597	-1.522	-2.370	-0.978	1.357	2.760	1.813	-1.576
3161	31.60	-5.957	-8.964	-8.518	-4.044	2.977	9.467	12.117	9.045	0.936	-8.974
3171	31.70	-16.171	-16.879	-9.911	2.550	15.668	23.928	23.517	14.046	-1.169	-16.415
3181	31.80	-25.922	-26.213	-17.475	-3.392	10.428	18.734	18.638	10.584	-2.032	-14.326
3191	31.90	-21.816	-21.992	-15.052	-3.634	8.230	16.506	18.436	13.334	2.734	-10.096
3201	32.00	-21.146	-26.882	-25.359	-16.910	-4.108	9.023	18.383	21.270	17.417	9.057
3211	32.10	0.218	-5.312	-5.256	-0.042	7.420	13.048	13.487	7.726	-2.325	-12.605
3221	32.20	-18.701	-17.869	-10.319	0.830	10.926	15.877	13.967	6.574	-2.537	-9.007
3231	32.30	-9.884	-4.928	3.386	11.112	14.706	12.628	5.945	-2.293	-8.552	-10.442
3241	32.40	-7.701	-2.137	3.389	6.377	5.818	2.527	-1.428	-3.835	-3.443	-0.510
3251	32.50	3.418	6.350	6.863	4.794	1.274	-1.866	-3.027	-1.656	1.470	4.596
3261	32.60	5.838	4.115	-0.263	-5.642	-9.708	-10.522	-7.434	-1.467	5.049	9.448
3271	32.70	9.904	6.272	0.202	-5.553	-8.371	-6.947	-1.911	4.456	9.271	10.407
3281	32.80	7.479	1.999	-3.389	-6.232	-5.476	-1.962	2.056	4.115	2.857	-1.243
3291	32.90	-6.114	-9.179	-8.722	-4.802	0.774	5.416	7.134	5.586	2.219	-0.590
3301	33.00	-0.930	1.496	5.115	7.312	5.914	0.531	-7.009	-13.430	-15.624	-12.293
3311	33.10	-4.736	3.667	9.063	9.013	3.713	-4.097	-10.496	-12.317	-8.690	-1.401
3321	33.20	6.062	10.281	9.567	4.680	-1.718	-6.519	-7.753	-5.462	-1.458	1.831
3331	33.30	2.759	1.327	-0.943	-2.005	-0.590	2.962	6.787	8.492	6.514	1.097
3341	33.40	-5.652	-10.704	-11.582	-7.636	-0.455	6.801	10.833	9.724	3.818	-4.439
3351	33.50	-11.606	-14.756	-12.701	-6.393	1.619	8.358	11.708	11.070	7.455	2.772
3361	33.60	-1.112	-3.118	-3.213	-2.122	-0.749	0.363	1.249	2.331	3.993	6.179
3371	33.70	8.273	9.335	8.583	5.841	1.728	-2.544	-5.661	-6.764	-5.779	-3.390
3381	33.80	-0.670	1.423	2.431	2.472	2.026	1.566	1.278	1.031	0.591	-0.074
3391	33.90	-0.624	-0.457	0.920	3.479	6.466	8.605	8.656	6.079	1.452	-3.627
3401	34.00	-7.153	-7.606	-4.676	0.542	5.993	9.561	9.991	7.390	3.088	-1.046
3411	34.10	-3.472	-3.603	-1.909	0.488	2.459	3.383	3.294	2.638	1.857	1.092
3421	34.20	0.163	-1.167	-2.890	-4.623	-5.763	-5.847	-4.857	-3.260	-1.727	-0.712
3431	34.30	-0.165	0.388	1.420	2.896	4.059	3.724	1.019	-3.860	-9.358	-13.050
3441	34.40	-12.789	-7.939	-0.008	7.809	12.063	10.803	4.722	-3.008	-8.244	-8.027
3451	34.50	-2.261	6.037	12.163	12.169	5.076	-6.366	-16.870	-21.235	-17.075	-6.204
3461	34.60	6.131	13.838	13.111	4.437	-7.575	-16.552	-17.664	-10.186	2.083	12.772
3471	34.70	16.283	10.765	-0.865	-12.401	-17.584	-13.397	-1.683	11.756	20.122	19.094
3481	34.80	9.023	-5.285	-17.031	-20.838	-15.341	-3.678	8.290	15.019	13.964	6.572
3491	34.90	-2.809	-9.397	-10.436	-6.370	-0.227	4.294	4.897	1.799	-2.669	-5.578

Table 7-1-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1193 105-GR-1-19 HA. (HA.) HASAKI BRIDGE MAX. ACC. = -196.154 (GAL) T= 10.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-5.118	-1.511	3.326	7.057	8.336	7.479	6.049	5.670	6.836	8.495
3511	35.10	8.690	5.872	0.103	-6.628	-11.244	-11.159	-5.759	3.054	11.603	16.112
3521	35.20	14.481	7.260	-2.638	-11.328	-15.692	-14.650	-9.384	-2.546	3.069	5.673
3531	35.30	4.988	1.991	-1.778	-4.918	-6.550	-6.339	-4.347	-0.950	3.124	6.747
3541	35.40	8.558	7.440	3.156	-3.224	-9.470	-13.014	-12.150	-7.016	0.234	6.289
3551	35.50	8.252	5.152	-1.414	-7.944	-10.753	-7.909	-0.377	8.298	13.697	12.774
3561	35.60	5.524	-4.857	-13.454	-16.062	-11.325	-1.498	8.600	13.941	11.776	2.996
3571	35.70	-8.308	-16.863	-18.780	-13.391	-3.444	6.380	11.840	11.171	5.768	-0.761
3581	35.80	-4.611	-3.788	0.956	6.692	10.036	9.068	4.397	-1.192	-4.311	-2.915
3591	35.90	2.444	8.749	12.027	9.463	1.046	-10.143	-19.202	-21.688	-15.789	-3.346
3601	36.00	10.809	20.923	22.845	15.852	2.935	-10.556	-19.261	-20.079	-13.350	-2.485
3611	36.10	7.704	13.141	12.135	5.839	-2.548	-9.360	-12.039	-10.032	-4.698	1.562
3621	36.20	6.443	8.600	7.923	5.243	1.764	-1.433	-3.634	-4.477	-3.863	-1.938
3631	36.30	0.821	3.542	5.100	4.511	1.479	-3.235	-7.891	-10.393	-9.250	-4.394
3641	36.40	2.576	8.970	12.190	10.968	6.038	-0.155	-4.616	-5.272	-2.015	3.238
3651	36.50	7.528	8.394	5.176	-0.602	-5.988	-8.124	-5.739	0.153	6.731	10.774
3661	36.60	10.288	5.506	-1.233	-6.652	-8.165	-5.125	0.909	6.978	10.180	9.026
3671	36.70	4.059	-2.512	-7.917	-10.086	-8.477	-4.135	0.944	4.762	6.121	4.957
3681	36.80	2.166	-0.915	-3.067	-3.585	-2.427	-0.134	2.380	4.102	4.238	2.497
3691	36.90	-0.714	-4.332	-6.956	-7.404	-5.291	-1.339	2.813	5.281	4.848	1.635
3701	37.00	-2.817	-6.206	-6.583	-3.385	2.162	7.531	10.092	8.430	3.114	-3.511
3711	37.10	-8.422	-9.387	-6.051	-0.087	5.669	8.635	7.735	3.852	-0.728	-3.562
3721	37.20	-3.295	-0.289	3.681	6.438	6.555	4.036	0.212	-3.046	-4.313	-3.273
3731	37.30	-0.734	1.937	3.578	3.761	2.833	1.518	0.397	-0.396	-1.092	-1.930
3741	37.40	-2.819	-3.283	-2.764	-1.092	1.220	3.102	3.470	1.898	-0.998	-3.739
3751	37.50	-4.716	-3.088	0.646	4.781	7.215	6.561	2.944	-1.971	-5.767	-6.510
3761	37.60	-3.769	1.129	5.755	7.824	6.354	2.151	-2.654	-5.748	-5.833	-3.240
3771	37.70	0.368	2.900	3.177	1.378	-1.070	-2.428	-1.746	0.509	2.672	2.850
3781	37.80	0.102	-4.836	-9.743	-11.958	-9.772	-3.427	6.816	11.641	14.186	11.388
3791	37.90	4.477	-3.616	-9.630	-11.451	-8.977	-3.991	0.845	3.327	2.707	-0.119
3801	38.00	-3.249	-4.864	-4.166	-1.708	1.024	2.488	1.941	-0.188	-2.585	-3.808
3811	38.10	-3.090	-0.759	1.949	3.574	3.222	1.065	-1.744	-3.675	-3.641	-1.595
3821	38.20	1.400	3.685	3.842	1.442	-2.677	-6.758	-8.928	-8.083	-4.432	0.579
3831	38.30	4.914	6.871	5.841	2.547	-1.337	-4.002	-4.353	-2.493	0.394	2.675
3841	38.40	3.097	1.414	-1.513	-4.167	-5.150	-3.886	-0.914	2.391	4.489	4.428
3851	38.50	2.271	-0.978	-3.909	-5.401	-5.134	-3.645	-1.955	-0.970	-1.003	-1.663
3861	38.60	-2.146	-1.758	-0.342	1.617	3.267	3.872	3.224	1.735	0.182	-0.750
3871	38.70	-0.838	-0.378	0.087	0.193	0.050	0.183	1.148	3.032	5.190	6.448
3881	38.80	5.711	2.698	-1.672	-5.515	-6.831	-4.568	0.653	6.613	10.423	9.920
3891	38.90	4.831	-2.910	-9.933	-12.970	-10.432	-3.234	5.565	12.171	13.821	10.054
3901	39.00	2.852	-4.390	-8.543	-8.199	-4.212	0.926	4.481	4.891	2.461	-0.985
3911	39.10	-3.253	-3.044	-0.651	2.285	3.791	2.753	-0.408	-3.949	-5.789	-4.706
3921	39.20	-1.071	3.297	6.082	5.710	2.192	-2.874	-7.150	-8.772	-7.278	-3.755
3931	39.30	-0.151	1.834	1.665	0.174	-1.032	-0.600	1.686	4.711	6.621	5.891
3941	39.40	2.273	-2.928	-7.412	-9.018	-6.822	-1.634	4.375	8.727	9.822	7.650
3951	39.50	3.693	0.087	-1.493	-0.639	1.684	3.756	4.087	2.238	-0.942	-3.772
3961	39.60	-4.625	-2.791	1.131	5.493	8.360	8.404	5.497	0.754	-3.980	-6.927
3971	39.70	-7.096	-4.632	-0.673	3.175	5.503	5.619	3.738	0.806	-1.936	-3.466
3981	39.80	-3.368	-1.851	0.231	1.957	2.651	2.185	1.005	-0.106	-0.418	0.386
3991	39.90	2.042	3.826	4.906	4.747	3.379	1.376	-0.447	-1.444	-1.453	-0.826

Table 7-1-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1193 105-GR-1-19 HA. (HA.) MASAKI BRIDGE MAX. ACC. = -196.154 (GAL) T= 10.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.171	0.054	-0.159	-0.360	0.044	1.328	3.132	4.512	4.406	2.292
4011	40.10	-1.331	-4.957	-6.682	-5.155	-0.415	5.853	10.905	12.080	8.143	0.016
4021	40.20	-9.411	-16.431	-18.127	-13.726	-5.030	4.294	10.283	10.405	4.656	-4.457
4031	40.30	-13.044	-17.535	-16.191	-9.754	-0.991	6.617	10.405	9.584	5.387	0.305
4041	40.40	-3.167	-3.674	-1.509	1.692	3.873	3.628	0.893	-3.049	-6.219	-6.935
4051	40.50	-4.656	-0.286	4.207	6.686	5.847	1.859	-3.646	-8.255	-9.835	-7.508
4061	40.60	-2.088	4.222	8.769	9.617	6.425	0.631	-5.160	-8.530	-7.420	-2.800
4071	40.70	3.488	8.648	10.394	7.931	2.524	-3.544	-7.605	-8.053	-4.991	-0.104
4081	40.80	4.204	5.976	4.602	1.035	-2.770	-4.879	-4.348	-1.661	1.571	3.458
4091	40.90	2.801	-0.305	-4.527	-7.962	-9.052	-7.311	-3.514	0.719	3.696	4.415
4101	41.00	2.940	0.267	-2.216	-3.380	-2.811	-0.884	1.518	3.453	4.315	3.997
4111	41.10	2.814	1.223	-0.158	-1.177	-1.649	-1.546	-0.894	0.217	1.587	2.883
4121	41.20	3.693	3.668	2.690	0.967	-0.999	-2.583	-3.284	-2.921	-1.703	-0.128
4131	41.30	1.232	1.954	1.907	1.245	0.294	-0.622	-1.300	-1.705	-1.914	-2.020
4141	41.40	-2.057	-1.980	-1.709	-1.197	-0.482	0.301	0.971	1.368	1.412	1.128
4151	41.50	0.625	0.050	-0.458	-0.802	-0.924	-0.799	-0.417	0.215	1.054	1.999
4161	41.60	2.885	3.498	3.630	3.160	2.120	0.727	-0.655	-1.621	-1.870	-1.334
4171	41.70	-0.230	1.000	1.854	1.977	1.328	0.217	-0.821	-1.261	-0.850	0.251
4181	41.80	1.506	2.240	1.961	0.626	-1.294	-2.995	-3.698	-3.032	-1.238	0.899
4191	41.90	2.386	2.482	1.057	-1.323	-3.629	-4.839	-4.403	-2.506	0.022	2.096
4201	42.00	2.884	2.204	0.591	-0.972	-1.543	-0.687	1.313	3.592	5.130	5.249
4211	42.10	3.934	1.826	-0.106	-1.056	-0.764	0.376	1.555	1.988	1.333	-0.128
4221	42.20	-1.653	-2.445	-2.096	-0.819	0.654	1.464	1.096	-0.318	-2.036	-3.082
4231	42.30	-2.760	-1.039	1.402	3.509	4.351	3.669	1.929	0.103	-0.870	-0.597
4241	42.40	0.563	1.711	1.938	0.872	-1.057	-2.824	-3.369	-2.235	0.091	2.355
4251	42.50	3.162	1.757	-1.480	-5.104	-7.268	-6.651	-3.194	1.768	6.081	7.799
4261	42.60	6.146	1.935	-2.794	-5.756	-5.537	-2.283	2.388	6.197	7.334	5.338
4271	42.70	1.271	-2.863	-5.152	-4.719	-2.090	1.178	3.376	3.550	1.949	-0.212
4281	42.80	-1.511	-1.161	0.538	2.393	3.036	1.771	-0.958	-3.740	-4.944	-3.636
4291	42.90	-0.159	3.954	6.726	6.742	3.896	-0.529	-4.506	-6.295	-5.327	-2.468
4301	43.00	0.474	1.766	0.603	-2.264	-5.092	-5.988	-3.965	0.470	5.503	8.887
4311	43.10	9.047	5.869	0.754	-4.072	-6.662	-6.156	-3.288	0.267	2.720	3.108
4321	43.20	1.707	-0.228	-1.257	-0.615	1.331	3.280	3.739	1.913	-1.758	-5.712
4331	43.30	-7.997	-7.255	-3.469	1.949	6.756	8.901	7.469	3.092	-2.366	-6.680
4341	43.40	-8.262	-6.810	-3.327	0.456	2.943	3.368	2.029	-0.032	-1.659	-2.189
4351	43.50	-1.710	-0.879	-0.442	-0.750	-1.553	-2.181	-1.992	-0.816	0.866	2.136
4361	43.60	2.134	0.566	-2.053	-4.583	-5.789	-4.954	-2.257	1.274	4.235	5.499
4371	43.70	4.731	2.504	-0.025	-1.710	-1.974	-1.037	0.276	1.035	0.739	-0.412
4381	43.80	-1.638	-2.036	-1.109	0.926	3.207	4.661	4.559	2.903	0.434	-1.743
4391	43.90	-2.719	-2.241	-0.814	0.589	1.062	0.262	-1.415	-3.037	-3.643	-2.750
4401	44.00	-0.617	1.887	3.721	4.184	3.233	1.455	-0.284	-1.293	-1.374	-0.846
4411	44.10	-0.271	-0.092	-0.366	-0.771	-0.861	-0.384	0.514	1.363	1.663	1.222
4421	44.20	0.323	-0.009	-0.379	0.576	2.010	3.049	2.863	1.178	-1.462	-3.880
4431	44.30	-4.828	-3.656	-0.731	2.654	4.855	4.688	2.040	-2.022	-5.730	-7.451
4441	44.40	-6.466	-3.293	0.595	3.517	4.407	3.287	1.176	-0.510	-0.741	0.584
4451	44.50	2.594	3.930	3.480	0.988	-2.772	-6.328	-8.190	-7.520	-4.495	-0.206
4461	44.60	3.828	6.286	6.529	4.764	1.863	-1.037	-2.968	-3.428	-2.477	-0.662
4471	44.70	1.308	2.625	2.820	1.817	-0.016	-1.981	-3.292	-3.375	-2.115	0.064
4481	44.80	2.356	3.900	4.158	3.144	1.406	-0.259	-1.201	-1.217	-0.602	0.078
4491	44.90	0.350	0.120	-0.289	-0.384	0.127	1.070	1.833	1.707	0.349	-1.908

Table 7-1-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1193 105-GR-1-19 HA. (HA.) MASAKI BRIDGE MAX. ACC. = -196.154 (GAL) T= 10.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-4.109	-5.129	-4.281	-1.764	1.344	3.577	3.833	1.983	-1.005	-3.520
4511	45.10	-4.137	-2.372	1.033	4.458	6.230	5.469	2.528	-1.217	-4.098	-5.008
4521	45.20	-3.921	-1.798	0.020	0.592	-0.131	-1.361	-2.033	-1.511	-0.014	1.490
4531	45.30	1.892	0.667	-1.705	-3.903	-4.454	-2.586	1.249	5.482	8.157	7.897
4541	45.40	4.627	-0.356	-4.988	-7.410	-6.826	-3.799	0.113	3.169	4.269	3.368
4551	45.50	1.340	-0.603	-1.559	-1.318	-0.317	0.744	1.352	1.436	1.300	1.331
4561	45.60	1.689	2.204	2.502	2.288	1.562	0.627	-0.117	-0.450	-0.488	-0.596
4571	45.70	-1.109	-2.040	-2.978	-3.283	-2.469	-0.561	1.815	3.697	4.282	3.300
4581	45.80	1.550	-0.181	-0.879	-0.229	1.282	2.637	2.897	1.779	-0.131	-1.676
4591	45.90	-1.796	-0.193	2.401	4.538	4.815	2.681	-1.162	-5.007	-6.954	-5.875
4601	46.00	-2.033	2.984	7.000	8.282	6.362	2.225	-2.214	-5.058	-5.317	-3.305
4611	46.10	-0.354	1.936	2.526	1.398	-0.551	-2.081	-2.314	-1.187	0.576	1.905
4621	46.20	1.990	0.711	-1.323	-3.120	-3.821	-3.110	-1.327	0.752	2.310	2.849
4631	46.30	2.347	1.175	-0.135	-1.139	-1.616	-1.578	-1.192	-0.689	-0.304	-0.228
4641	46.40	-0.557	-1.228	-1.970	-2.348	-1.928	-0.525	1.596	3.708	4.868	4.371
4651	46.50	2.167	-0.964	-3.669	-4.630	-3.251	-0.070	3.386	5.282	4.412	0.911
4661	46.60	-3.673	-7.037	-7.255	-3.822	1.947	7.415	9.849	7.788	1.862	-5.378
4671	46.70	-10.604	-11.295	-6.989	0.432	7.589	11.200	9.651	3.757	-3.644	-9.090
4681	46.80	-10.166	-6.650	-0.546	4.970	7.164	5.095	0.026	-5.278	-7.996	-6.692
4691	46.90	-2.027	3.613	7.351	7.289	3.454	-2.239	-6.963	-8.396	-5.854	-0.587
4701	47.00	4.875	7.978	7.369	3.476	-1.788	-6.023	-7.501	-5.928	-2.448	1.041
4711	47.10	2.887	2.460	0.355	-2.053	-3.401	-3.061	-1.412	0.457	1.399	0.869
4721	47.20	-0.779	-2.503	-3.163	-2.166	0.183	2.816	4.440	4.220	2.225	-0.569
4731	47.30	-2.746	-3.141	-1.426	1.705	4.835	6.488	5.796	2.916	-1.039	-4.483
4741	47.40	-6.053	-5.180	-2.312	1.310	4.192	5.206	4.017	1.172	-2.175	-4.748
4751	47.50	-5.636	-4.601	-2.100	0.939	3.491	4.787	4.538	2.978	0.727	-1.449
4761	47.60	-2.893	-3.252	-2.562	-1.203	0.249	1.231	1.390	0.708	-0.520	-1.702
4771	47.70	-2.367	-2.170	-1.125	0.417	1.920	2.881	3.037	2.461	1.504	0.624
4781	47.80	0.170	0.241	0.667	1.122	1.312	1.114	0.626	0.086	-0.277	-0.376
4791	47.90	-0.302	-0.249	-0.370	-0.646	-0.868	-0.736	-0.039	1.181	2.590	3.669
4801	48.00	3.948	3.239	1.752	0.027	-1.300	-1.792	-1.413	-0.541	0.226	0.371
4811	48.10	-0.265	-1.395	-2.417	-2.717	-1.995	-0.437	1.339	2.567	2.699	1.677
4821	48.20	-0.027	-1.624	-2.389	-2.008	-0.736	0.731	1.603	1.386	0.138	-1.559
4831	48.30	-2.894	-3.238	-2.472	-1.051	0.230	0.658	-0.018	-1.427	-2.765	-3.218
4841	48.40	-2.425	-0.713	1.015	1.735	0.848	-1.441	-4.151	-5.958	-5.857	-3.713
4851	48.50	-0.403	2.547	3.686	2.382	-0.802	-4.305	-6.282	-5.495	-1.961	2.992
4861	48.60	7.302	9.126	7.719	3.785	-0.835	-4.039	-4.453	-2.067	1.796	5.159
4871	48.70	6.356	4.834	1.378	-2.318	-4.519	-4.296	-1.947	1.207	3.519	3.845
4881	48.80	2.073	-0.881	-3.591	-4.854	-4.259	-2.310	-0.086	1.367	1.561	0.748
4891	48.90	-0.304	-0.802	-0.375	0.742	1.893	2.409	2.008	0.947	-0.144	-0.640
4901	49.00	-0.291	0.640	1.540	1.813	1.233	0.088	-0.983	-1.351	-0.758	0.530
4911	49.10	1.867	2.577	2.328	1.291	0.037	-0.806	-0.900	-0.380	0.256	0.455
4921	49.20	-0.047	-1.051	-2.008	-2.330	-1.748	-0.479	0.874	1.652	1.519	0.651
4931	49.30	-0.344	-0.769	-0.224	1.156	2.769	3.865	3.959	3.086	1.772	0.727
4941	49.40	0.439	0.892	1.588	1.835	1.174	-0.324	-2.052	-3.167	-3.061	-1.615
4951	49.50	0.543	2.502	3.434	3.017	1.577	-0.106	-1.215	-1.310	-0.513	0.613
4961	49.60	1.414	1.514	1.003	0.339	0.044	0.370	1.146	1.880	2.064	1.487
4971	49.70	0.382	-0.696	-1.185	-0.846	0.090	1.051	1.450	1.032	0.039	-0.920
4981	49.80	-1.219	-0.595	0.665	1.840	2.160	1.235	-0.685	-2.782	-4.060	-3.833
4991	49.90	-2.090	0.482	2.808	3.934	3.470	1.745	-0.375	-1.925	-2.289	-1.461

Table 7-1-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1193 105-GR-1-19 HA. (HA.) MASAKI BRIDGE MAX. ACC. = -196.154 (GAL) T= 10.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.014	1.369	1.907	1.480	0.331	-0.989	-1.938	-2.219	-1.862	-1.133
5011	50.10	-0.345	0.294	0.741	1.047	1.247	1.285	1.030	0.382	-0.611	-1.695
5021	50.20	-2.484	-2.613	-1.929	-0.596	0.940	2.118	2.502	1.976	0.799	-0.488
5031	50.30	-1.298	-1.243	-0.314	1.114	2.426	3.028	2.599	1.234	-0.591	-2.206
5041	50.40	-3.036	-2.843	-1.827	-0.532	0.405	0.554	-0.100	-1.149	-1.958	-1.989
5051	50.50	-1.085	0.412	1.798	2.329	1.588	-0.291	-2.658	-4.617	-5.431	-4.837
5061	50.60	-3.149	-1.078	0.600	1.386	1.221	0.421	-0.560	-1.385	-1.960	-2.376
5071	50.70	-2.731	-2.966	-2.841	-2.096	-0.686	1.059	2.483	2.882	1.882	-0.294
5081	50.80	-2.841	-4.703	-5.069	-3.782	-1.440	0.890	2.200	2.046	0.748	-0.814
5091	50.90	-1.719	-1.514	-0.487	0.513	0.583	-0.676	-2.871	-4.977	-5.877	-4.992
5101	51.00	-2.648	0.041	1.736	1.580	-0.313	-2.885	-4.666	-4.543	-2.365	0.949
5111	51.10	3.855	4.973	3.783	0.897	-2.265	-4.192	-4.030	-1.979	0.862	3.097
5121	51.20	3.746	2.699	0.693	-1.149	-1.940	-1.476	-0.272	0.790	0.996	0.198
5131	51.30	-1.131	-2.201	-2.372	-1.513	-0.058	1.263	1.852	1.571	0.796	0.166
5141	51.40	0.197	0.967	2.073	2.865	2.829	1.884	0.442	-0.808	-1.267	-0.737
5151	51.50	0.497	1.831	2.675	2.742	2.165	1.366	0.800	0.700	0.983	1.347
5161	51.60	1.485	1.286	0.897	0.620	0.715	1.228	1.948	2.518	2.627	2.185
5171	51.70	1.367	0.523	0.000	-0.012	0.446	1.154	1.834	2.268	2.363	2.138
5181	51.80	1.680	1.105	0.540	0.126	0.000	0.240	0.797	1.460	1.903	1.834
5191	51.90	1.161	0.107	-0.832	-1.094	-0.339	1.333	3.359	4.926	5.342	4.376
5201	52.00	2.390	0.180	-1.403	-1.858	-1.256	-0.165	0.685	0.804	0.188	-0.725
5211	52.10	-1.354	-1.369	-0.814	-0.236	-0.160	-0.799	-1.839	-2.565	-2.272	-0.734
5221	52.20	1.566	3.597	4.297	3.173	0.655	-2.038	-3.481	-2.800	-0.183	3.127
5231	52.30	5.427	5.423	2.945	-0.896	-4.210	-5.270	-3.408	0.596	4.852	7.274
5241	52.40	6.605	3.049	-1.829	-5.870	-7.369	-5.886	-2.398	1.233	3.225	2.732
5251	52.50	0.206	-2.924	-5.030	-5.121	-3.293	-0.593	1.587	2.245	1.251	-0.679
5261	52.60	-2.428	-3.112	-2.516	-1.138	0.161	0.677	0.254	-0.672	-1.371	-1.284
5271	52.70	-0.368	0.855	1.595	1.248	-0.242	-2.305	-4.007	-4.508	-3.488	-1.307
5281	52.80	1.151	2.893	3.267	2.233	0.348	-1.525	-2.616	-2.583	-1.615	-0.302
5291	52.90	0.674	0.852	0.193	-0.926	-1.894	-2.149	-1.419	0.147	2.039	3.576
5301	53.00	4.176	3.580	1.964	-0.134	-2.011	-3.059	-3.044	-2.093	-0.714	0.472
5311	53.10	0.983	0.660	-0.291	-1.422	-2.255	-2.493	-2.119	-1.365	-0.571	-0.020
5321	53.20	0.161	0.017	-0.313	-0.682	-0.988	-1.170	-1.171	-0.920	-0.366	0.447
5331	53.30	1.328	1.958	2.013	1.342	0.107	-1.223	-2.045	-1.914	-0.796	0.853
5341	53.40	2.258	2.687	1.831	0.002	-1.966	-3.102	-2.777	-1.039	1.370	3.357
5351	53.50	3.997	3.002	0.867	-1.358	-2.583	-2.215	-0.448	1.830	3.477	3.652
5361	53.60	2.222	-0.191	-2.514	-3.744	-3.406	-1.747	0.415	2.106	2.646	1.937
5371	53.70	0.456	-1.011	-1.747	-1.426	-0.225	1.296	2.469	2.812	2.221	0.983
5381	53.80	-0.361	-1.256	-1.348	-0.620	0.617	1.849	2.565	2.460	1.558	0.209
5391	53.90	-1.051	-1.729	-1.590	-0.773	0.266	0.965	0.930	0.146	-0.990	-1.852
5401	54.00	-1.897	-0.960	0.622	2.146	2.874	2.409	0.917	-0.928	-2.263	-2.468
5411	54.10	-1.487	0.131	1.509	1.889	1.031	-0.648	-2.279	-2.987	-2.345	-0.603
5421	54.20	1.429	2.792	2.861	1.662	-0.149	-1.628	-2.024	-1.156	0.518	2.152
5431	54.30	2.964	2.620	1.388	-0.042	-0.946	-0.951	-0.216	0.684	1.105	0.701
5441	54.40	-0.376	-1.553	-2.165	-1.833	-0.700	0.618	1.337	0.922	-0.607	-2.648
5451	54.50	-4.284	-4.725	-3.697	-1.598	0.673	2.137	2.188	0.882	-1.088	-2.720
5461	54.60	-3.171	-2.151	-0.052	2.231	3.717	3.783	2.436	0.284	-1.761	-2.910
5471	54.70	-2.847	-1.846	-0.597	0.155	-0.019	-1.023	-2.295	-3.097	-2.889	-1.603
5481	54.80	0.314	2.106	3.063	2.848	1.637	0.017	-1.306	-1.840	-1.514	-0.667
5491	54.90	0.155	0.502	0.231	-0.442	-1.095	-1.347	-1.071	-0.456	0.108	0.258

Table 7-1-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1193 105-GR-1-19 HA. (HA.) MASAKI BRIDGE MAX. ACC. = -196.154 (GAL) T= 10.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.131	-0.871	-1.551	-1.758	-1.293	-0.278	0.904	1.797	2.090	1.746
5511	55.10	0.979	0.118	-0.573	-1.005	-1.250	-1.426	-1.562	-1.546	-1.187	-0.369
5521	55.20	0.803	1.967	2.630	2.406	1.249	-0.454	-2.003	-2.686	-2.121	-0.463
5531	55.30	1.625	3.257	3.732	2.862	1.067	-0.824	-1.964	-1.896	-0.752	0.829
5541	55.40	2.040	2.318	1.620	0.428	-0.531	-0.680	0.091	1.358	2.394	2.568
5551	55.50	1.703	0.201	-1.144	-1.558	-0.696	1.138	3.124	4.315	4.118	2.612
5561	55.60	0.522	-1.127	-1.521	-0.470	1.490	3.358	4.167	3.472	1.574	-0.625
5571	55.70	-2.069	-2.073	-0.659	1.460	3.237	3.806	2.895	0.944	-1.130	-2.389
5581	55.80	-2.315	-1.029	0.806	2.340	2.942	2.470	1.278	-0.014	-0.847	-0.981
5591	55.90	-0.548	0.086	0.559	0.703	0.597	0.463	0.488	0.695	0.927	0.962
5601	56.00	0.676	0.144	-0.383	-0.620	-0.420	0.112	0.658	0.846	0.465	-0.401
5611	56.10	-1.379	-1.979	-1.833	-0.889	0.537	1.894	2.630	2.432	1.360	-0.197
5621	56.20	-1.695	-2.665	-2.894	-2.469	-1.702	-0.962	-0.516	-0.437	-0.612	-0.833
5631	56.30	-0.914	-0.779	-0.483	-0.177	-0.027	-0.136	-0.505	-1.029	-1.543	-1.881
5641	56.40	-1.936	-1.693	-1.225	-0.670	-0.182	0.116	0.163	-0.029	-0.380	-0.767
5651	56.50	-1.056	-1.132	-0.934	-0.473	0.154	0.776	1.184	1.206	0.778	-0.001
5661	56.60	-0.878	-1.519	-1.642	-1.159	-0.240	0.720	1.262	1.073	0.152	-1.153
5671	56.70	-2.280	-2.704	-2.202	-0.982	0.392	1.260	1.193	0.219	-1.163	-2.224
5681	56.80	-2.367	-1.443	0.148	1.640	2.277	1.703	0.156	-1.634	-2.801	-2.783
5691	56.90	-1.610	0.104	1.468	1.763	0.814	-0.920	-2.565	-3.267	-2.616	-0.843
5701	57.00	1.295	2.881	3.268	2.364	0.636	-1.144	-2.268	-2.405	-1.697	-0.628
5711	57.10	0.246	0.562	0.280	-0.359	-1.002	-1.368	-1.353	-1.030	-0.555	-0.068
5721	57.20	0.362	0.718	0.989	1.129	1.068	0.765	0.263	-0.292	-0.704	-0.816
5731	57.30	-0.597	-0.166	0.258	0.466	0.361	0.008	-0.405	-0.658	-0.611	-0.267
5741	57.40	0.239	0.700	0.936	0.862	0.506	-0.013	-0.535	-0.913	-1.042	-0.885
5751	57.50	-0.480	0.064	0.582	0.894	0.874	0.504	-0.090	-0.675	-0.994	-0.883
5761	57.60	-0.350	0.414	1.123	1.525	1.524	1.219	0.844	0.629	0.677	0.903
5771	57.70	1.092	1.027	0.631	0.023	-0.532	-0.765	-0.548	0.032	0.717	1.217
5781	57.80	1.359	1.175	0.863	0.660	0.698	0.926	1.144	1.135	0.800	0.235
5791	57.90	-0.316	-0.589	-0.446	0.052	0.678	1.167	1.356	1.249	0.997	0.781
5801	58.00	0.703	0.741	0.784	0.736	0.593	0.459	0.463	0.643	0.886	0.957
5811	58.10	0.636	-0.130	-1.145	-2.020	-2.364	-1.992	-1.059	0.001	0.680	0.662
5821	58.20	0.002	-0.897	-1.497	-1.419	-0.662	0.385	1.146	1.170	0.384	-0.858
5831	58.30	-1.950	-2.356	-1.885	-0.775	0.444	1.249	1.395	1.021	0.530	0.325
5841	58.40	0.563	1.064	1.443	1.361	0.759	-0.089	-0.729	-0.812	-0.329	0.355
5851	58.50	0.696	0.307	-0.771	-2.033	-2.745	-2.351	-0.821	1.257	2.925	3.326
5861	58.60	2.159	-0.120	-2.487	-3.836	-3.520	-1.683	0.809	2.792	3.383	2.401
5871	58.70	0.431	-1.502	-2.466	-2.090	-0.724	0.781	1.553	1.159	-0.172	-1.692
5881	58.80	-2.548	-2.243	-0.899	0.818	2.046	2.180	1.176	-0.446	-1.881	-2.454
5891	58.90	-1.949	-0.685	0.679	1.500	1.470	0.739	-0.208	-0.832	-0.830	-0.265
5901	59.00	0.501	1.035	1.073	0.650	0.055	-0.354	-0.356	0.024	0.541	0.888
5911	59.10	0.872	0.512	0.011	-0.376	-0.493	-0.358	-0.136	-0.014	-0.080	-0.265
5921	59.20	-0.397	-0.326	-0.043	0.295	0.446	0.236	-0.307	-0.927	-1.255	-1.007
5931	59.30	-0.164	0.975	1.908	2.168	1.568	0.321	-1.032	-1.869	-1.778	-0.764
5941	59.40	0.748	2.110	2.752	2.443	1.379	0.076	-0.898	-1.189	-0.799	-0.049
5951	59.50	0.617	0.871	0.659	0.200	-0.161	-0.151	0.277	0.929	1.486	1.683
5961	59.60	1.448	0.931	0.409	0.125	0.158	0.386	0.569	0.493	0.102	-0.468
5971	59.70	-0.959	-1.129	-0.891	-0.360	0.197	0.499	0.391	-0.080	-0.692	-1.158
5981	59.80	-1.264	-0.973	-0.436	0.086	0.340	0.198	-0.298	-0.956	-1.522	-1.782
5991	59.90	-1.640	-1.152	-0.496	0.098	0.424	0.377	-0.008	-0.567	-1.060	-1.251

Table 7-1-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1193 105-GR-1-19 HA. (HA.) MASAKI BRIDGE MAX. ACC. = -196.154 (GAL) T= 10.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-1.009	-0.369	0.461	1.162	1.426	1.056	0.202	-0.941	-1.937	-2.416
6011	60.10	-2.208	-1.417	-0.381	0.468	0.798	0.515	-0.201	-0.984	-1.462	-1.424
6021	60.20	-0.910	-0.182	0.416	0.623	0.386	-0.136	-0.660	-0.933	-0.859	-0.532
6031	60.30	-0.178	-0.015	-0.139	-0.463	-0.774	-0.844	-0.569	-0.025	0.557	0.913
6041	60.40	0.881	0.491	-0.049	-0.456	-0.521	-0.221	0.267	0.657	0.704	0.345
6051	60.50	-0.257	-0.791	-0.951	-0.603	0.129	0.912	1.357	1.218	0.521	-0.429
6061	60.60	-1.190	-1.392	-0.920	0.024	1.017	1.614	1.569	0.951	0.101	-0.534
6071	60.70	-0.633	-0.156	0.645	1.360	1.634	1.345	0.657	-0.084	-0.534	-0.538
6081	60.80	-0.192	0.230	0.452	0.371	0.129	0.026	0.340	1.128	2.150	2.951
6091	60.90	3.079	2.333	0.892	-0.736	-1.941	-2.300	-1.786	-0.782	0.115	0.398
6101	61.00	-0.086	-1.051	-1.916	-2.106	-1.362	0.106	1.696	2.693	2.617	1.457
6111	61.10	-0.308	-1.926	-2.722	-2.396	-1.155	0.408	1.595	1.932	1.366	0.266
6121	61.20	-0.777	-1.232	-0.876	0.130	1.335	2.220	2.435	1.936	0.976	-0.030
6131	61.30	-0.698	-0.834	-0.486	0.105	0.640	0.893	0.798	0.455	0.066	-0.168
6141	61.40	-0.134	0.149	0.543	0.858	0.933	0.705	0.243	-0.276	-0.639	-0.682
6151	61.50	-0.365	0.196	0.773	1.117	1.062	0.609	-0.070	-0.704	-1.046	-0.993
6161	61.60	-0.637	-0.226	-0.036	-0.229	-0.753	-1.360	-1.713	-1.564	-0.885	0.095
6171	61.70	0.984	1.409	1.200	0.474	-0.415	-1.042	-1.119	-0.632	0.159	0.855
6181	61.80	1.114	0.827	0.161	-0.525	-0.867	-0.670	0.002	0.867	1.571	1.853
6191	61.90	1.651	1.104	0.456	-0.067	-0.351	-0.406	-0.313	-0.153	0.039	0.263
6201	62.00	0.499	0.670	0.649	0.332	-0.275	-1.008	-1.577	-1.700	-1.250	-0.357
6211	62.10	0.616	1.227	1.170	0.442	-0.634	-1.546	-1.847	-1.387	-0.403	0.582
6221	62.20	1.014	0.595	-0.554	-1.930	-2.884	-2.929	-1.983	-0.417	1.120	1.994
6231	62.30	1.879	0.883	-0.522	-1.737	-2.313	-2.128	-1.400	-0.531	0.110	0.350
6241	62.40	0.256	0.040	-0.092	-0.074	0.002	-0.035	-0.303	-0.764	-1.223	-1.425
6251	62.50	-1.207	-0.603	0.139	0.669	0.699	0.157	-0.764	-1.678	-2.184	-2.040
6261	62.60	-1.280	-0.194	0.801	1.348	1.293	0.742	-0.014	-0.638	-0.904	-0.777
6271	62.70	-0.404	-0.014	0.210	0.218	0.102	0.023	0.105	0.343	0.602	0.681
6281	62.80	0.439	-0.108	-0.763	-1.223	-1.225	-0.689	0.217	1.133	1.664	1.571
6291	62.90	0.892	-0.058	-0.828	-1.039	-0.572	0.382	1.409	2.082	2.169	1.743
6301	63.00	1.132	0.736	0.805	1.304	1.923	2.252	2.004	1.188	0.122	-0.718
6311	63.10	-0.946	-0.470	0.455	1.347	1.746	1.445	0.599	-0.364	-0.972	-0.957
6321	63.20	-0.400	0.320	0.732	0.527	-0.265	-1.283	-2.018	-2.076	-1.377	-0.202
6331	63.30	0.948	1.600	1.539	0.891	0.045	-0.562	-0.666	-0.294	0.269	0.653
6341	63.40	0.600	0.101	-0.613	-1.193	-1.360	-1.036	-0.374	0.329	0.784	0.841
6351	63.50	0.540	0.063	-0.372	-0.624	-0.674	-0.612	-0.557	-0.585	-0.687	-0.790
6361	63.60	-0.810	-0.712	-0.532	-0.356	-0.274	-0.320	-0.459	-0.597	-0.632	-0.508
6371	63.70	-0.236	0.106	0.410	0.580	0.570	0.386	0.078	-0.285	-0.635	-0.915
6381	63.80	-1.084	-1.112	-0.991	-0.734	-0.391	-0.039	0.234	0.354	0.295	0.090
6391	63.90	-0.175	-0.392	-0.472	-0.388	-0.182	0.050	0.200	0.197	0.045	-0.176
6401	64.00	-0.341	-0.337	-0.115	0.278	0.715	1.039	1.129	0.960	0.610	0.236
6411	64.10	0.000	-0.001	0.220	0.551	0.829	0.924	0.798	0.527	0.268	0.186
6421	64.20	0.379	0.823	1.383	1.858	2.061	1.895	1.387	0.682	-0.012	-0.490
6431	64.30	-0.621	-0.382	0.129	0.729	1.203	1.374	1.167	0.640	-0.021	-0.562
6441	64.40	-0.747	-0.462	0.234	1.104	1.825	2.111	1.841	1.123	0.261	-0.374
6451	64.50	-0.505	-0.077	0.718	1.522	1.984	1.922	1.404	0.713	0.197	0.093
6461	64.60	0.410	0.926	1.312	1.310	0.875	0.204	-0.363	-0.518	-0.153	0.580
6471	64.70	1.340	1.768	1.665	1.092	0.329	-0.273	-0.472	-0.255	0.165	0.478
6481	64.80	0.444	0.029	-0.585	-1.102	-1.273	-1.035	-0.539	-0.064	0.139	-0.013
6491	64.90	-0.390	-0.719	-0.742	-0.362	0.299	0.948	1.273	1.095	0.460	-0.390

Table 7-1-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1193 105-GR-1-19 HA. (HA.) MASAKI BRIDGE MAX. ACC. = -196.154 (GAL) T= 10.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-1.142	-1.564	-1.604	-1.389	-1.139	-1.028	-1.096	-1.240	-1.295	-1.146
6511	65.10	-0.807	-0.424	-0.194	-0.248	-0.571	-0.999	-1.302	-1.308	-1.000	-0.528
6521	65.20	-0.138	-0.045	-0.320	-0.853	-1.409	-1.742	-1.715	-1.365	-0.872	-0.468
6531	65.30	-0.326	-0.487	-0.860	-1.285	-1.616	-1.791	-1.839	-1.840	-1.861	-1.912
6541	65.40	-1.944	-1.883	-1.687	-1.381	-1.056	-0.826	-0.778	-0.926	-1.210	-1.518
6551	65.50	-1.742	-1.809	-1.711	-1.489	-1.211	-0.949	-0.756	-0.665	-0.682	-0.789
6561	65.60	-0.941	-1.077	-1.131	-1.065	-0.888	-0.671	-0.525	-0.554	-0.808	-1.247
6571	65.70	-1.745	-2.143	-2.309	-2.204	-1.893	-1.510	-1.193	-1.009	-0.926	-0.833
6581	65.80	-0.602	-0.163								

Table 7-2-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1194 105-GR-1-19 U-D (U-D) MASAKI BRIDGE MAX. ACC. = -55.630 (GAL) T= 13.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.0	0.0	0.0	11.445	12.036	9.972	5.204	-1.115	-6.851	-9.812
11	0.10	-8.436	-2.864	5.057	12.360	16.118	14.675	8.397	-0.434	-8.534	-12.974
21	0.20	-12.368	-7.387	-0.384	5.668	8.418	7.022	2.317	-3.725	-8.927	-11.779
31	0.30	-11.880	-9.841	-6.804	-3.891	-1.852	-1.008	-1.395	-2.918	-5.347	-8.190
41	0.40	-10.575	-11.355	-9.512	-4.747	2.056	8.807	12.797	11.753	4.948	-6.182
51	0.50	-18.278	-27.193	-29.603	-24.440	-13.478	-0.756	8.994	12.282	8.327	-0.586
61	0.60	-10.056	-15.448	-13.856	-5.523	6.505	17.400	22.750	20.403	11.340	-0.827
71	0.70	-11.490	-17.084	-16.604	-11.903	-6.665	-4.515	-7.177	-13.543	-20.123	-22.701
81	0.80	-18.433	-7.405	7.124	19.961	26.188	23.364	12.698	-1.361	-12.977	-17.407
91	0.90	-13.014	-1.916	11.004	20.267	22.163	16.257	5.406	-5.651	-12.436	-12.625
101	1.00	-6.845	1.863	9.592	13.331	12.130	7.221	1.155	-3.506	-5.296	-4.244
111	1.10	-1.526	1.351	3.321	4.114	4.102	3.841	3.656	3.529	3.299	2.987
121	1.20	2.942	3.674	5.436	7.867	9.968	10.533	8.844	5.225	1.065	-1.806
131	1.30	-2.133	-0.105	2.476	2.941	-0.852	-9.156	-19.760	-28.621	-31.535	-26.119
141	1.40	-13.138	3.518	18.304	26.295	25.244	16.456	4.091	-6.747	-12.215	-11.200
151	1.50	-5.440	1.657	6.787	8.225	6.313	2.866	-0.051	-1.241	-0.817	0.166
161	1.60	0.542	-0.227	-1.841	-3.543	-4.735	-5.386	-5.927	-6.719	-7.496	-7.256
171	1.70	-4.767	0.533	7.814	14.842	18.849	17.919	12.138	3.816	-3.478	-6.640
181	1.80	-4.635	0.918	6.562	8.846	6.216	-0.082	-6.648	-9.805	-7.707	-1.497
191	1.90	5.179	8.104	4.849	-3.741	-13.798	-20.340	-19.869	-12.262	-0.913	8.971
201	2.00	13.049	10.065	2.439	-5.095	-8.055	-4.609	3.468	11.779	15.658	12.647
211	2.10	3.760	-7.077	-15.078	-17.002	-12.671	-4.850	2.333	5.527	3.720	-1.524
221	2.20	-7.126	-10.174	-9.271	-4.922	1.095	6.840	11.115	13.681	14.825	14.717
231	2.30	13.077	9.408	3.618	-3.470	-10.149	-14.513	-15.421	-13.165	-9.349	-5.992
241	2.40	-4.307	-3.907	-2.959	0.706	8.105	18.089	27.470	32.345	30.017	20.520
251	2.50	6.922	-5.845	-13.103	-12.507	-5.077	5.295	13.600	15.903	10.952	0.540
261	2.60	-11.435	-20.689	-24.248	-21.435	-13.857	-4.551	3.247	7.221	6.620	2.333
271	2.70	-3.563	-8.569	-10.640	-8.919	-4.082	1.851	6.266	7.041	3.522	-3.066
281	2.80	-10.066	-14.565	-14.789	-11.010	-5.439	-1.069	-0.040	-2.375	-5.865	-7.245
291	2.90	-4.113	3.443	12.503	18.582	17.947	9.800	-2.934	-14.773	-20.331	-17.136
301	3.00	-7.086	4.317	10.710	8.202	-2.422	-15.875	-24.925	-24.090	-12.564	5.168
311	3.10	21.421	29.073	25.087	11.997	-3.427	-13.623	-14.009	-5.162	7.706	17.615
321	3.20	19.507	12.793	1.489	-8.083	-10.754	-5.253	5.164	14.511	17.290	11.408
331	3.30	-0.715	-13.399	-20.606	-18.966	-9.378	3.574	14.016	17.706	13.995	5.909
341	3.40	-1.593	-4.200	-0.354	8.110	17.000	21.828	19.835	11.045	-2.004	-15.536
351	3.50	-26.069	-31.497	-31.346	-26.383	-17.980	-7.690	2.851	11.868	17.551	18.530
361	3.60	14.560	7.037	-1.137	-6.497	-6.471	-0.706	8.482	16.908	20.332	16.494
371	3.70	6.380	-5.987	-15.252	-17.184	-10.738	1.314	13.550	20.371	18.618	9.081
381	3.80	-3.856	-14.278	-17.523	-12.350	-1.434	10.040	16.960	16.776	10.648	2.707
391	3.90	-2.174	-0.959	5.938	14.821	20.569	19.246	10.150	-3.743	-17.143	-24.940
401	4.00	-24.598	-17.261	-7.081	0.878	3.084	-0.853	-8.164	-14.429	-15.803	-10.867
411	4.10	-1.226	9.350	16.744	18.340	14.040	6.068	-2.237	-7.946	-9.662	-7.786
421	4.20	-3.940	0.010	2.823	4.220	4.671	4.849	5.126	5.363	5.063	3.718
431	4.30	1.137	-2.425	-6.341	-9.830	-12.169	-12.858	-11.716	-8.948	-5.174	-1.372
441	4.40	1.342	2.093	0.654	-2.320	-5.440	-7.136	-6.418	-3.482	0.215	2.547
451	4.50	1.757	-2.543	-8.958	-14.783	-17.214	-14.727	-7.937	0.578	7.444	10.120
461	4.60	8.151	3.388	-0.985	-2.141	0.860	6.504	11.563	12.766	8.548	-0.054
471	4.70	-9.832	-16.964	-18.861	-15.355	-8.593	-1.748	2.733	4.357	4.623	5.863
481	4.80	9.596	15.370	20.818	22.952	19.980	12.593	3.885	-2.157	-2.839	1.580
491	4.90	7.758	10.886	7.291	-3.330	-17.323	-28.573	-31.450	-23.736	-7.988	9.456

Table 7-2-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1194 105-GR-1-19 U-D (U-D) MASAKI BRIDGE MAX. ACC. = -55.630 (GAL) T= 13.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	21.425	23.376	15.615	3.111	-7.026	-9.163	-1.879	11.218	23.585	29.054
511	5.10	24.989	13.520	0.266	-8.734	-10.222	-5.339	1.160	3.655	-1.168	-12.427
521	5.20	-25.463	-34.299	-34.793	-26.769	-13.991	-2.063	4.549	4.715	0.865	-2.786
531	5.30	-2.926	0.857	5.962	8.608	6.509	0.745	-4.417	-3.816	5.386	21.416
541	5.40	37.992	47.015	42.636	24.562	-1.213	-24.846	-37.165	-34.053	-18.453	1.084
551	5.50	14.613	15.677	4.384	-12.863	-26.798	-30.098	-21.079	-4.406	11.474	18.797
561	5.60	14.498	1.724	-11.882	-18.160	-12.618	3.318	23.034	37.965	41.634	32.496
571	5.70	14.299	-5.981	-21.434	-28.037	-25.763	-17.729	-8.161	-0.395	4.113	5.520
581	5.80	4.623	1.998	-2.141	-7.407	-12.579	-15.535	-14.047	-7.142	3.843	15.278
591	5.90	22.599	22.464	14.612	2.339	-8.812	-13.631	-9.823	0.752	12.879	20.510
601	6.00	19.754	10.823	-2.072	-12.837	-16.555	-11.927	-1.889	7.902	11.911	7.447
611	6.10	-4.076	-17.901	-28.277	-31.152	-25.912	-15.383	-4.237	3.286	5.207	2.350
621	6.20	-2.492	-6.174	-6.715	-3.975	0.682	5.373	8.707	10.264	10.424	9.786
631	6.30	8.662	6.983	4.624	1.870	-0.605	-1.049	0.670	4.392	8.488	10.606
641	6.40	8.767	2.488	-6.685	-15.589	-20.706	-19.741	-12.759	-2.332	7.449	12.658
651	6.50	11.199	3.693	-6.786	-16.019	-20.383	-18.294	-10.744	-0.753	7.974	12.579
661	6.60	12.125	7.800	2.236	-1.707	-2.156	1.074	6.536	11.886	14.931	14.539
671	6.70	11.026	5.902	1.122	-1.783	-2.320	-1.125	0.472	1.177	0.384	-1.559
681	6.80	-3.590	-4.550	-3.852	-1.836	0.367	1.434	0.596	-1.842	-4.505	-5.523
691	6.90	-3.426	2.049	9.653	16.982	21.384	21.022	15.636	6.665	-3.304	-11.518
701	7.00	-16.035	-16.305	-13.146	-8.206	-3.193	0.757	3.332	4.867	5.698	6.723
711	7.10	7.183	6.771	4.975	1.664	-2.707	-7.156	-10.507	-11.823	-10.769	-7.740
721	7.20	-3.722	0.059	2.543	3.151	1.906	-0.654	-3.708	-6.419	-8.142	-8.520
731	7.30	-7.487	-5.206	-2.024	1.562	4.931	7.409	8.415	7.660	5.333	2.158
741	7.40	-0.755	-2.261	-1.629	1.098	5.020	8.639	10.408	9.347	5.472	-0.168
751	7.50	-5.872	-9.934	-11.278	-9.811	-6.374	-2.324	1.022	2.838	2.964	1.791
761	7.60	-0.025	-1.842	-3.179	-3.725	-3.292	-1.819	0.547	3.344	5.796	7.012
771	7.70	6.343	3.755	-0.018	-3.666	-5.819	-5.659	-3.315	0.169	3.331	5.003
781	7.80	4.883	3.669	2.653	3.008	5.126	8.386	11.462	13.034	12.491	10.264
791	7.90	7.595	5.878	5.918	7.522	9.627	10.880	10.366	8.077	4.910	2.214
801	8.00	1.149	2.193	4.993	8.584	11.771	13.479	12.932	9.701	3.751	-4.433
811	8.10	-13.702	-22.260	-28.013	-29.268	-25.524	-17.943	-9.135	-2.204	0.597	-1.059
821	8.20	-5.352	-9.199	-9.867	-6.526	-0.864	3.649	3.606	-2.317	-12.247	-21.639
831	8.30	-25.316	-20.097	-6.669	10.334	24.228	29.331	23.691	10.119	-5.052	-14.933
841	8.40	-15.339	-6.750	6.002	16.148	18.327	11.185	-2.005	-14.970	-21.475	-18.256
851	8.50	-6.474	8.966	21.645	26.652	22.363	10.874	-3.308	-15.366	-22.041	-22.486
861	8.60	-17.938	-10.660	-2.846	3.964	8.840	11.111	10.148	5.579	-2.182	-11.489
871	8.70	-19.551	-23.255	-20.451	-11.130	2.159	14.977	22.584	21.822	12.492	-2.398
881	8.80	-17.640	-27.716	-28.818	-20.245	-4.657	12.859	26.545	31.920	27.267	14.172
891	8.90	-3.025	-18.698	-27.840	-27.793	-19.195	-5.786	6.928	13.732	11.734	1.574
901	9.00	-12.728	-25.303	-30.804	-26.641	-14.146	1.893	15.184	20.572	16.233	4.476
911	9.10	-9.231	-18.597	-19.189	-10.305	4.774	20.228	30.197	31.231	23.648	11.243
921	9.20	-0.463	-6.654	-5.256	2.264	11.667	17.886	17.315	9.428	-2.946	-14.832
931	9.30	-21.267	-19.499	-10.243	2.565	13.458	17.835	14.012	3.966	-7.623	-15.627
941	9.40	-16.991	-12.285	-5.449	-1.767	-4.978	-14.966	-27.296	-35.006	-31.959	-16.163
951	9.50	8.637	34.069	50.628	51.991	38.075	15.278	-6.373	-17.854	-15.351	-1.932
961	9.60	14.158	23.783	21.598	8.772	-7.687	-18.657	-17.763	-4.839	13.846	28.742
971	9.70	31.934	21.261	1.454	-18.290	-29.049	-26.738	-14.089	0.968	9.638	7.004
981	9.80	-5.366	-20.295	-28.870	-25.225	-9.673	11.440	29.048	36.018	30.678	17.380
991	9.90	3.908	-2.780	-0.139	8.922	18.005	20.962	15.310	3.450	-8.876	-15.892

Table 7-2-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1194 105-GR-1-19 U-D (U-D) MASAKI BRIDGE MAX. ACC. = -55.630 (GAL) T= 13.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-14.943	-7.730	0.977	6.292	6.055	1.907	-1.980	-1.696	3.794	11.789
1011	10.10	17.301	15.956	6.656	-7.582	-21.140	-28.818	-28.614	-22.475	-15.836	-12.627
1021	10.20	-14.500	-18.927	-20.965	-16.382	-4.539	10.736	22.906	26.224	19.022	4.906
1031	10.30	-8.935	-15.451	-11.478	0.573	14.055	21.745	19.833	10.005	-1.525	-7.522
1041	10.40	-3.828	8.255	22.617	31.702	30.703	20.243	6.047	-4.238	-5.309	2.821
1051	10.50	14.801	22.906	21.343	9.525	-7.522	-21.829	-26.789	-20.709	-7.639	4.815
1061	10.60	9.724	4.502	-7.813	-20.406	-26.569	-23.439	-13.534	-3.225	0.956	-3.888
1071	10.70	-15.239	-26.410	-30.147	-22.649	-5.810	13.517	26.869	28.380	17.667	-0.047
1081	10.80	-16.549	-24.596	-21.193	-8.648	6.937	18.760	22.362	17.162	6.003	-6.733
1091	10.90	-17.239	-23.513	-25.332	-23.357	-18.218	-10.283	-0.174	10.508	18.997	22.169
1101	11.00	18.080	7.391	-6.282	-17.553	-21.599	-16.537	-4.570	8.815	17.333	16.911
1111	11.10	7.719	-5.833	-17.155	-20.610	-14.169	-0.304	15.271	26.338	28.981	23.143
1121	11.20	12.255	1.284	-5.700	-7.203	-4.504	-0.440	2.400	3.042	2.379	2.291
1131	11.30	4.254	8.290	12.850	15.664	15.020	10.746	4.339	-1.781	-5.471	-5.836
1141	11.40	-3.483	-0.001	2.986	4.603	4.954	4.705	4.389	3.887	2.450	-0.739
1151	11.50	-5.823	-11.835	-16.890	-18.971	-16.934	-11.165	-3.526	3.428	7.588	8.203
1161	11.60	6.113	3.183	1.259	1.185	2.394	3.281	2.132	-1.855	-8.009	-14.359
1171	11.70	-18.451	-18.421	-13.803	-5.733	3.507	11.366	15.901	16.330	13.103	7.570
1181	11.80	1.480	-3.506	-6.146	-5.825	-2.668	2.405	7.776	11.449	11.628	7.425
1191	11.90	-0.578	-10.233	-18.374	-21.907	-19.062	-10.273	1.774	13.009	19.494	18.955
1201	12.00	11.671	0.337	-11.053	-18.801	-20.875	-17.479	-10.639	-3.072	3.062	6.939
1211	12.10	9.050	10.519	12.182	13.978	14.966	13.928	10.175	4.075	-3.017	-9.390
1221	12.20	-13.807	-16.061	-16.915	-17.467	-18.318	-19.051	-18.400	-15.067	-8.773	-0.908
1231	12.30	5.686	7.840	3.625	-6.416	-19.068	-29.523	-33.341	-28.451	-16.216	-1.008
1241	12.40	11.599	17.260	14.682	6.366	-2.705	-7.239	-4.048	6.530	20.793	33.340
1251	12.50	39.429	36.972	27.284	14.341	2.972	-3.149	-2.810	2.606	10.080	16.421
1261	12.60	19.516	18.856	15.252	10.082	4.556	-0.614	-5.080	-8.490	-10.255	-9.680
1271	12.70	-6.428	-1.002	5.111	9.835	11.337	8.900	3.361	-3.154	-8.127	-9.785
1281	12.80	-7.906	-3.907	-0.148	1.204	-0.791	-5.400	-10.553	-13.779	-13.294	-8.743
1291	12.90	-1.325	6.712	12.928	15.532	13.936	8.881	2.188	-3.758	-6.660	-5.009
1301	13.00	1.321	10.758	20.224	25.956	24.850	15.898	1.094	-14.760	-25.556	-26.267
1311	13.10	-15.304	4.268	25.400	39.565	40.208	25.639	0.051	-27.945	-48.740	-55.630
1321	13.20	-47.483	-28.952	-8.178	6.937	12.104	8.144	-0.028	-6.275	-6.473	-9.465
1331	13.30	8.175	14.323	14.200	7.421	-2.855	-11.698	-15.090	-12.050	-5.073	1.333
1341	13.40	3.187	-0.737	-8.189	-14.633	-15.683	-9.519	2.022	14.218	21.717	21.102
1351	13.50	12.485	-0.611	-12.962	-20.024	-19.800	-13.387	-4.067	4.423	9.511	10.556
1361	13.60	8.544	5.123	1.613	-1.434	-4.027	-6.174	-7.465	-7.151	-4.677	-0.301
1371	13.70	4.681	8.331	8.960	6.019	0.472	-5.590	-9.930	-11.195	-9.456	-5.955
1381	13.80	-2.272	0.603	2.705	4.784	7.485	10.536	12.559	11.698	6.799	-1.545
1391	13.90	-10.757	-17.141	-17.522	-10.888	0.870	13.563	22.470	24.442	19.317	9.942
1401	14.00	0.777	-4.235	-3.484	1.696	7.863	11.303	9.893	4.079	-3.484	-9.358
1411	14.10	-11.050	-8.137	-2.285	3.764	7.609	8.253	6.287	3.207	0.373	-1.760
1421	14.20	-3.673	-6.119	-9.242	-12.080	-12.864	-10.013	-3.276	5.666	13.607	17.153
1431	14.30	14.376	5.921	-5.017	-14.016	-17.384	-13.885	-5.339	4.201	10.338	10.367
1441	14.40	4.495	-4.339	-11.926	-14.782	-11.721	-4.246	4.354	10.690	12.870	11.218
1451	14.50	7.818	5.209	4.955	6.861	9.204	9.818	7.400	2.323	-3.481	-7.495
1461	14.60	-7.925	-4.644	0.720	5.575	7.636	6.000	1.506	-3.764	-7.563	-8.550
1471	14.70	-6.841	-3.785	-1.156	-0.212	-1.111	-2.955	-4.380	-4.346	-2.698	-0.226
1481	14.80	1.774	2.165	0.521	-2.700	-6.401	-9.345	-10.642	-10.005	-7.727	-4.447
1491	14.90	-0.870	2.418	5.014	6.683	7.340	7.057	6.078	4.779	3.532	2.535

Table 7-2-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1194 105-GR-1-19 U-D (U-D) MASAKI BRIDGE MAX. ACC. = -55.630 (GAL) T= 13.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.695	0.663	-0.953	-3.288	-6.004	-8.311	-9.260	-8.197	-5.146	-0.910
1511	15.10	3.204	5.920	6.542	5.238	2.905	0.689	-0.600	-0.872	-0.748	-1.151
1521	15.20	-2.732	-5.433	-8.419	-10.438	-10.415	-8.017	-3.877	0.600	3.788	4.488
1531	15.30	2.396	-1.785	-6.613	-10.427	-11.908	-10.483	-6.468	-0.925	4.697	9.011
1541	15.40	11.114	10.859	8.880	6.357	4.572	4.404	5.969	8.553	10.919	11.853
1551	15.50	10.737	7.850	4.248	1.244	-0.250	-0.200	0.541	0.706	-0.648	-3.531
1561	15.60	-6.895	-9.091	-8.729	-5.480	-0.408	4.408	6.798	5.550	1.034	-4.916
1571	15.70	-9.832	-11.766	-10.181	-6.154	-1.796	0.813	0.629	-1.906	-5.174	-7.258
1581	15.80	-6.917	-4.167	-0.196	3.293	4.947	4.372	2.219	-0.257	-1.858	-1.970
1591	15.90	-0.692	1.412	3.746	5.974	8.025	9.844	11.108	11.186	9.418	5.606
1601	16.00	0.409	-4.666	-7.768	-7.522	-3.766	2.207	8.079	11.469	10.977	6.795
1611	16.10	0.589	-5.313	-9.003	-9.821	-8.503	-6.615	-5.583	-5.866	-6.726	-6.705
1621	16.20	-4.573	-0.186	5.210	9.469	10.581	7.755	1.964	-4.361	-8.391	-8.203
1631	16.30	-3.715	3.223	9.631	12.728	11.158	5.554	-1.809	-8.070	-11.047	-10.106
1641	16.40	-6.285	-1.660	1.693	2.622	1.302	-1.017	-2.736	-2.703	-0.701	2.563
1651	16.50	5.911	8.298	9.260	8.997	8.108	7.157	6.345	5.444	4.038	1.892
1661	16.60	-0.763	-3.215	-4.555	-4.129	-1.926	1.302	4.287	5.750	4.965	2.108
1671	16.70	-1.773	-5.155	-6.672	-5.670	-2.492	1.675	5.283	7.063	6.519	4.090
1681	16.80	0.905	-1.720	-2.843	-2.235	-0.389	1.793	3.460	4.176	4.040	3.509
1691	16.90	3.058	2.870	2.735	2.212	0.945	-1.041	-3.255	-4.929	-5.392	-4.429
1701	17.00	-2.426	-0.218	1.294	1.548	0.551	-1.199	-3.016	-4.391	-5.200	-5.641
1711	17.10	-5.975	-6.237	-6.145	-5.270	-3.397	-0.827	1.596	2.827	2.189	-0.141
1721	17.20	-3.035	-4.835	-4.151	-0.639	4.654	9.619	11.989	10.409	5.137	-1.975
1731	17.30	-8.265	-11.444	-10.612	-6.623	-1.636	1.915	2.422	-0.249	-4.838	-9.401
1741	17.40	-12.239	-12.594	-10.795	-7.877	-4.956	-2.716	-1.271	-0.373	0.227	0.555
1751	17.50	0.458	-0.134	-0.965	-1.435	-0.898	0.901	3.528	5.925	6.801	5.733
1761	17.60	2.734	-0.872	-3.448	-3.771	-1.685	1.775	4.894	6.155	5.031	2.261
1771	17.70	-0.546	-1.768	-0.622	2.438	5.984	8.381	8.620	6.780	3.882	1.269
1781	17.80	-0.130	-0.214	0.384	0.806	0.540	-0.300	-1.152	-1.488	-1.255	-0.973
1791	17.90	-1.368	-2.787	-4.772	-6.129	-5.529	-2.345	2.781	8.027	11.176	10.741
1801	18.00	6.809	1.122	-3.734	-5.636	-4.045	-0.329	2.938	3.361	0.053	-5.802
1811	18.10	-11.493	-14.173	-12.364	-6.787	-0.046	4.663	5.166	1.380	-4.701	-10.085
1821	18.20	-12.330	-10.734	-6.553	-2.163	0.323	0.205	-1.515	-2.853	-2.121	0.979
1831	18.30	5.086	7.911	7.564	3.734	-1.974	-6.763	-8.081	-5.016	1.126	7.375
1841	18.40	10.539	8.805	2.664	-5.301	-11.654	-13.751	-10.960	-4.868	1.587	5.575
1851	18.50	5.694	2.508	-1.918	-5.136	-5.530	-2.987	1.238	5.303	7.752	8.146
1861	18.60	7.074	5.628	4.687	6.443	6.604	3.845	2.385	0.346	-1.337	-1.612
1871	18.70	0.081	3.418	7.256	10.124	10.905	9.342	6.141	2.607	0.026	-0.902
1881	18.80	-0.317	0.982	2.001	2.073	1.155	-0.217	-1.265	-1.413	-0.582	0.778
1891	18.90	1.944	2.305	1.668	0.351	-0.995	-1.736	-1.579	-0.731	0.204	0.532
1901	19.00	-0.163	-1.771	-3.661	-4.936	-4.844	-3.146	-0.282	2.770	4.892	5.309
1911	19.10	3.966	1.588	-0.586	-1.328	0.032	3.280	7.363	10.812	12.356	11.473
1921	19.20	8.624	5.058	2.274	1.371	2.583	5.209	7.950	9.510	9.160	7.020
1931	19.30	3.934	1.007	-0.943	-1.762	-1.977	-2.457	-3.895	-6.375	-9.252	-11.401
1941	19.40	-11.732	-9.718	-5.685	-0.738	3.659	6.252	6.465	4.572	1.521	-1.493
1951	19.50	-3.507	-4.112	-3.514	-2.327	-1.251	-0.758	-0.949	-1.596	-2.324	-2.828
1961	19.60	-3.013	-3.002	-3.040	-3.345	-3.991	-4.878	-5.789	-6.498	-6.875	-6.927
1971	19.70	-6.770	-6.545	-6.325	-6.053	-5.555	-4.611	-3.075	-0.978	1.419	3.652
1981	19.80	5.173	5.515	4.461	2.155	-0.890	-3.905	-6.070	-6.759	-5.742	-3.283
1991	19.90	-0.079	2.942	4.909	5.294	4.083	1.785	-0.759	-2.678	-3.407	-2.892

Table 7-2-5

TABLE OF CORRECYSD ACCELERATION RECORD NO. 5

INDEX NO. 1194 105-GR-1-19 U-D (U-D) MASAKI BRIDGE MAX. ACC. = -55.630 (GAL) T= 13.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-1.610	-0.356	0.109	-0.625	-2.328	-4.264	-5.450	-5.095	-2.995	0.314
2011	20.10	3.715	5.943	6.119	4.155	0.825	-2.524	-4.539	-4.440	-2.363	0.695
2021	20.20	5.321	4.325	3.283	0.737	-2.043	-3.635	-3.112	-0.468	3.371	6.958
2031	20.30	8.951	8.680	6.393	3.085	0.018	-1.834	-2.159	-1.321	-0.071	0.890
2041	20.40	1.247	1.155	1.024	1.177	1.569	1.750	1.109	-0.747	-3.661	-6.870
2051	20.50	-9.260	-9.867	-8.241	-4.863	-0.803	2.631	4.466	4.448	3.093	1.378
2061	20.60	0.253	0.198	1.059	2.197	2.879	2.674	1.651	0.300	-0.775	-1.200
2071	20.70	-1.024	-0.644	-0.538	-0.938	-1.660	-2.182	-1.935	-0.649	1.432	3.659
2081	20.80	5.183	5.434	4.349	2.384	0.279	-1.315	-2.124	-2.308	-2.352	-2.610
2091	20.90	-2.762	-3.087	-3.003	-2.796	-1.125	-0.005	0.467	-0.027	-1.269	-2.532
2101	21.00	-2.905	-1.772	0.823	4.106	6.888	8.101	7.301	4.878	1.864	-0.561
2111	21.10	-1.625	-1.282	-0.162	0.623	0.982	0.194	-1.072	-2.058	-2.134	-1.233
2121	21.20	0.305	1.775	2.585	2.531	1.845	0.997	0.385	0.120	0.949	-0.081
2131	21.30	-0.261	-0.197	0.586	2.385	4.969	7.477	8.686	7.574	3.916	-1.437
2141	21.40	-6.763	-10.155	-10.359	-7.378	-2.527	2.131	4.702	4.308	1.467	-2.288
2151	21.50	-5.027	-5.515	-3.684	-0.612	2.082	3.091	2.070	-0.233	-2.422	-3.221
2161	21.60	-2.157	0.187	2.481	3.344	2.058	-1.059	-4.801	-7.664	-8.356	-7.276
2171	21.70	-4.544	-1.584	0.496	1.195	0.768	-0.032	-0.431	-0.062	0.676	1.801
2181	21.80	2.129	1.634	0.579	-0.442	-0.851	-0.404	0.697	1.957	2.906	3.381
2191	21.90	3.591	3.923	4.607	5.446	5.811	4.929	2.353	-1.669	-6.151	-9.622
2201	22.00	-10.925	-9.605	-6.249	-2.234	0.896	2.151	1.538	0.011	-1.057	-0.621
2211	22.10	1.476	4.400	6.761	7.347	5.779	2.741	-0.346	-2.040	-1.696	0.616
2221	22.20	3.399	5.269	5.261	3.390	0.600	-1.769	-2.696	-1.984	-0.793	1.303
2231	22.30	1.966	1.576	0.763	0.476	1.342	3.198	5.081	5.729	4.308	0.977
2241	22.40	-3.074	-6.149	-6.897	-5.044	-1.578	1.712	3.143	2.014	-1.015	-4.248
2251	22.50	-5.836	-4.746	-1.322	2.878	5.873	6.282	4.033	0.390	-2.798	-3.644
2261	22.60	-1.948	1.494	4.925	6.637	5.830	2.969	-0.518	-3.028	-3.606	-2.378
2271	22.70	-0.379	1.093	1.218	0.084	-1.424	-2.191	-1.556	0.268	2.295	3.305
2281	22.80	2.542	0.168	-2.787	-4.936	-5.263	-3.646	-0.925	1.535	2.547	1.702
2291	22.90	-0.449	-2.701	-3.828	-3.202	-1.083	1.553	3.534	4.079	3.154	1.420
2301	23.00	-0.158	-0.831	-0.433	0.584	1.439	1.458	0.432	-1.289	-2.997	-3.992
2311	23.10	-3.923	-2.927	-1.515	-0.290	0.358	0.406	0.158	0.022	0.268	0.869
2321	23.20	1.526	1.841	1.549	0.686	-0.401	-1.205	-1.295	-0.526	0.880	2.420
2331	23.30	3.532	3.828	3.263	2.130	0.903	0.004	-0.400	-0.458	-0.522	-0.923
2341	23.40	-1.738	-2.697	-3.282	-2.997	-1.681	0.319	2.223	3.143	2.530	0.514
2351	23.50	-2.056	-3.933	-4.046	-2.063	1.353	4.742	6.464	5.455	1.776	-3.344
2361	23.60	-8.013	-10.510	-10.069	-7.218	-3.504	-0.737	-0.112	-1.651	-4.245	-6.271
2371	23.70	-6.464	-4.598	-1.609	0.893	1.484	-0.290	-3.630	-6.847	-8.201	-6.789
2381	23.80	-3.018	1.569	5.041	6.014	4.311	1.005	-2.141	-3.565	-2.658	-0.011
2391	23.90	2.938	4.662	4.305	2.067	-0.954	-3.344	-4.065	-2.906	-0.490	2.111
2401	24.00	3.922	4.477	3.907	2.722	1.450	0.363	-0.566	-1.485	-2.421	-3.147
2411	24.10	-3.263	-2.447	-0.711	1.498	3.450	4.469	4.271	3.117	1.688	0.734
2421	24.20	0.684	1.425	2.364	2.749	2.073	0.353	-1.853	-3.700	-4.452	-3.809
2431	24.30	-2.032	0.191	2.052	2.945	2.680	1.499	-0.060	-1.382	-1.972	-1.589
2441	24.40	-0.286	1.607	3.559	4.955	5.262	4.209	1.928	-1.023	-3.792	-5.519
2451	24.50	-5.662	-4.228	-1.785	0.766	2.575	3.197	2.758	1.835	1.123	1.064
2461	24.60	1.623	2.343	2.636	2.149	1.001	-0.251	-0.907	-0.511	0.871	2.654
2471	24.70	4.024	4.357	3.548	2.067	0.704	0.141	0.580	1.639	2.567	2.669
2481	24.80	1.707	0.062	-1.447	-1.966	-1.157	0.777	2.998	4.533	4.734	3.589
2491	24.90	1.716	0.032	-0.701	-0.244	1.041	2.416	3.163	2.942	1.925	0.646

Table 7-2-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1194 105-GR-1-19 U-D (U-D) MASAKI BRIDGE MAX. ACC. = -55.630 (GAL) T= 13.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.317	-0.658	-0.476	-0.159	-0.102	-0.435	-0.911	-1.041	-0.396	1.099
2511	25.10	3.031	4.637	5.144	4.147	1.836	-1.055	-3.553	-4.869	-4.727	-3.451
2521	25.20	-1.778	-0.484	-0.032	-0.389	-1.107	-1.595	-1.453	-0.683	0.343	1.060
2531	25.30	1.049	0.250	-0.991	-2.088	-2.500	-1.994	-0.762	0.665	1.657	1.766
2541	25.40	0.913	-0.590	-2.186	-3.307	-3.598	-3.027	-1.868	-0.564	0.452	0.908
2551	25.50	0.767	0.223	-0.390	-0.719	-0.519	0.237	1.327	2.323	2.727	2.167
2561	25.60	0.592	-1.628	-3.762	-4.962	-4.603	-2.605	0.434	3.388	5.014	4.477
2571	25.70	1.764	-2.214	-5.927	-7.823	-6.997	-3.618	1.077	5.254	7.230	6.181
2581	25.80	2.505	-2.330	-6.383	-8.032	-6.626	-2.727	2.158	6.197	7.963	6.948
2591	25.90	3.691	-0.518	-4.183	-6.174	-6.094	-4.325	-1.787	0.475	1.692	1.612
2601	26.00	0.524	-0.921	-2.007	-2.243	-1.548	-0.270	0.971	1.534	1.042	-0.451
2611	26.10	-2.455	-4.227	-5.072	-4.650	-3.132	-1.157	0.441	0.987	0.271	-1.354
2621	26.20	-3.127	-4.226	-4.142	-2.906	-1.070	0.564	1.317	0.933	-0.322	-1.825
2631	26.30	-2.909	-3.180	-2.663	-1.755	-0.962	-0.645	-0.847	-1.313	-1.672	-1.667
2641	26.40	-1.303	-0.835	-0.606	-0.830	-1.441	-2.098	-2.345	-1.833	-0.518	1.295
2651	26.50	3.058	4.204	4.371	3.550	2.078	0.509	-0.586	-0.317	-0.091	1.323
2661	26.60	3.122	4.620	5.415	5.274	4.262	2.720	1.153	0.055	-0.272	0.159
2671	26.70	1.031	1.850	2.158	1.750	0.766	-0.356	-1.085	-1.073	-0.198	1.114
2681	26.80	2.342	2.977	2.799	1.982	1.000	0.394	0.496	1.250	2.281	3.003
2691	26.90	2.998	2.190	0.907	-0.276	-0.818	-0.483	0.523	1.641	2.205	1.766
2701	27.00	0.317	-1.669	-3.422	-4.191	-3.562	-1.641	0.977	3.433	4.939	5.073
2711	27.10	3.918	2.008	0.088	-1.188	-1.507	-1.002	-0.159	0.402	0.201	-0.904
2721	27.20	-2.658	-4.514	-5.849	-6.195	-5.397	-3.640	-1.357	0.942	2.832	4.076
2731	27.30	4.635	4.813	4.169	3.457	2.598	1.701	0.878	0.255	-0.065	-0.037
2741	27.40	0.276	0.711	1.036	1.026	0.548	-0.388	-1.615	-2.860	-3.722	-3.957
2751	27.50	-3.373	-1.994	-0.061	2.004	3.695	4.566	4.377	3.161	1.378	-0.503
2761	27.60	-1.902	-2.496	-2.311	-1.711	-1.220	-1.276	-1.995	-3.055	-4.002	-4.117
2771	27.70	-3.124	-1.178	1.104	2.886	3.469	2.609	0.656	-1.560	-3.157	-3.601
2781	27.80	-2.192	-0.011	2.269	3.753	3.892	2.686	0.655	-1.418	-2.813	-3.162
2791	27.90	-2.543	-1.389	-0.241	0.499	0.728	0.634	0.549	0.753	1.274	1.954
2801	28.00	2.459	2.498	1.974	1.039	0.016	-0.759	-1.101	-1.060	-0.864	-0.776
2811	28.10	-0.924	-1.210	-1.359	-1.076	-0.253	0.924	2.007	2.489	2.067	0.831
2821	28.20	-0.726	-1.911	-2.156	-1.308	0.272	1.860	2.720	2.476	1.262	-0.256
2831	28.30	-1.308	-1.375	-0.491	0.797	1.695	1.621	0.541	-0.960	-1.996	-1.776
2841	28.40	-0.120	2.436	4.836	6.028	5.464	3.396	0.765	-1.255	-1.828	-0.854
2851	28.50	1.000	2.659	3.194	2.292	0.405	-1.493	-2.403	-1.799	0.128	2.581
2861	28.60	4.558	5.322	4.713	3.143	1.336	-0.062	-0.770	-0.931	-0.941	-1.171
2871	28.70	-1.741	-2.472	-3.028	-3.134	-2.761	-2.142	-1.650	-1.587	-2.030	-2.799
2881	28.80	-3.570	-4.045	-4.092	-3.776	-3.278	-2.762	-2.288	-1.602	-1.221	-0.535
2891	28.90	0.140	0.596	0.643	0.223	-0.538	-1.382	-2.032	-2.322	-2.249	-1.939
2901	29.00	-1.539	-1.119	-0.637	-0.002	0.808	1.654	2.231	2.180	1.271	-0.441
2911	29.10	-2.572	-4.516	-5.677	-5.685	-4.568	-2.724	-0.760	0.753	1.481	1.417
2921	29.20	0.825	0.082	-0.502	-0.790	-0.833	-0.779	-0.768	-0.840	-0.923	-0.887
2931	29.30	-0.628	-0.135	0.490	1.079	1.466	1.554	1.349	0.941	0.458	0.012
2941	29.40	-0.334	-0.569	-0.708	-0.765	-0.732	-0.588	-0.318	0.056	0.466	0.810
2951	29.50	0.988	0.947	0.705	0.351	0.010	-0.206	-0.244	-0.122	0.090	0.324
2961	29.60	0.547	0.785	1.091	1.495	1.952	2.333	2.468	2.233	1.633	0.834
2971	29.70	0.110	-0.274	-0.208	0.187	0.581	0.588	-0.035	-1.223	-2.576	-3.497
2981	29.80	-3.454	-2.261	-0.215	1.970	3.434	3.547	2.201	-0.105	-2.451	-3.881
2991	29.90	-3.825	-2.346	-0.117	1.882	2.810	2.339	0.794	-1.009	-2.153	-2.054

Table 7-2-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1194 105-GR-1-19 U-D (U-D) MASAKI BRIDGE MAX. ACC. = -55.630 (GAL) T= 13.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.719	1.264	3.016	3.781	3.265	1.752	-0.062	-1.618	-1.847	-1.359
3011	30.10	-0.395	0.433	0.663	0.201	-0.660	-1.420	-1.641	-1.163	-0.163	0.967
3021	30.20	1.823	2.181	2.052	1.612	1.050	0.448	-0.222	-1.006	-1.829	-2.438
3031	30.30	-2.478	-1.687	-0.109	1.818	3.377	3.866	2.953	0.888	-1.544	-3.330
3041	30.40	-3.685	-2.422	-0.053	2.435	4.034	4.179	2.994	1.196	-0.278	-0.747
3051	30.50	-0.104	1.160	2.251	2.501	1.723	0.299	-1.029	-1.557	-0.970	0.502
3061	30.60	2.230	3.519	3.954	3.585	2.854	2.328	2.391	3.056	3.995	4.743
3071	30.70	4.957	4.577	3.816	2.997	2.352	1.903	1.488	0.914	0.127	-0.706
3081	30.80	-1.270	-1.278	-0.664	0.338	1.269	1.658	1.242	0.105	-1.360	-2.626
3091	30.90	-3.266	-3.120	-2.333	-1.255	-0.273	0.339	0.485	0.218	-0.337	-1.053
3101	31.00	-1.821	-2.537	-3.073	-3.287	-3.074	-2.431	-1.485	-0.465	0.386	0.915
3111	31.10	1.112	1.080	0.963	0.745	0.397	-0.249	-1.291	-2.628	-3.914	-4.645
3121	31.20	-4.365	-2.891	-0.454	2.326	4.640	5.785	5.427	3.718	1.227	-1.293
3131	31.30	-3.184	-4.095	-4.055	-3.390	-2.538	-1.860	-1.523	-1.480	-1.552	-1.562
3141	31.40	-1.339	-0.958	-0.526	-0.209	-0.134	-0.328	-0.705	-1.093	-1.300	-1.199
3151	31.50	-0.779	-0.160	0.448	0.831	0.862	0.569	0.121	-0.231	-0.274	0.072
3161	31.60	0.709	1.398	1.863	1.911	1.509	0.788	-0.019	-0.685	-1.072	-1.166
3171	31.70	-1.045	-0.819	-0.574	-0.350	-0.154	0.005	0.108	0.136	0.099	0.059
3181	31.80	0.106	0.304	0.627	0.938	1.027	0.723	0.006	-0.940	-1.767	-2.111
3191	31.90	-1.773	-0.841	0.314	1.186	1.354	0.681	-0.618	-2.067	-3.146	-3.518
3201	32.00	-3.172	-2.402	-1.652	-1.298	-1.484	-2.080	-2.767	-3.198	-3.148	-2.584
3211	32.10	-1.646	-0.559	0.461	1.267	1.788	2.019	2.006	1.844	1.682	1.695
3221	32.20	2.022	2.675	3.490	4.139	4.252	3.586	2.176	0.375	-1.255	-2.174
3231	32.30	-2.103	-1.159	0.193	1.348	1.847	1.577	0.801	-0.005	-0.422	-0.313
3241	32.40	0.106	0.402	0.183	-0.662	-1.868	-2.920	-3.308	-2.812	-1.632	-0.305
3251	32.50	0.554	0.571	-0.204	-1.310	-2.114	-2.132	-1.273	0.109	1.397	2.016
3261	32.60	1.723	0.714	-0.483	-1.284	-1.342	-0.716	0.172	0.771	0.689	-0.098
3271	32.70	-1.232	-2.158	-2.405	-1.838	-0.735	0.338	0.803	0.353	-0.881	-2.380
3281	32.80	-3.456	-3.568	-2.557	-0.727	1.298	2.831	3.415	2.983	1.850	0.537
3291	32.90	-0.474	-0.942	-0.929	-0.711	-0.595	-0.739	-1.068	-1.325	-1.225	-0.622
3301	33.00	0.396	1.526	2.397	2.732	2.483	1.835	1.108	0.594	0.416	0.489
3311	33.10	0.590	0.500	0.139	-0.376	-0.785	-0.827	-0.383	0.436	1.323	1.902
3321	33.20	1.899	1.272	0.234	-0.829	-1.517	-1.572	-0.968	0.095	1.284	2.263
3331	33.30	2.799	2.821	2.397	1.687	0.875	0.123	-0.443	-0.740	-0.729	-0.426
3341	33.40	0.082	0.642	1.059	1.159	0.866	0.248	-0.483	-1.031	-1.131	-0.665
3351	33.50	0.268	1.369	2.242	2.545	2.134	1.133	-0.109	-1.151	-1.639	-1.451
3361	33.60	-0.736	0.153	0.826	1.024	0.734	0.172	-0.327	-0.483	-0.203	0.377
3371	33.70	0.977	1.315	1.261	0.894	0.457	0.225	0.354	0.808	1.378	1.807
3381	33.80	1.921	1.711	1.317	0.917	0.605	0.327	-0.079	-0.755	-1.682	-2.622
3391	33.90	-3.188	-3.031	-2.038	-0.450	1.205	2.319	2.486	1.701	0.373	-0.853
3401	34.00	-1.404	-1.051	-0.010	1.166	1.866	1.725	0.798	-0.473	-1.479	-1.742
3411	34.10	-1.135	0.071	1.356	2.198	2.301	1.699	0.696	-0.302	-0.970	-1.170
3421	34.20	-0.944	-0.438	0.199	0.869	1.513	2.068	2.439	2.516	2.249	1.687
3431	34.30	1.006	0.439	0.158	0.188	0.376	0.469	0.255	-0.319	-1.107	-1.860
3441	34.40	-2.272	-2.321	-2.109	-1.888	-1.881	-2.131	-2.456	-2.538	-2.104	-1.105
3451	34.50	0.220	1.435	2.115	2.055	1.377	0.467	-0.229	-0.436	-0.177	0.259
3461	34.60	0.503	0.333	-0.190	-0.758	-0.992	-0.691	0.031	0.772	1.050	0.570
3471	34.70	-0.585	-1.959	-2.931	-3.017	-2.122	-0.595	0.930	1.846	1.861	1.123
3481	34.80	0.128	-0.546	-0.533	0.152	1.142	1.929	2.121	1.635	0.708	-0.247
3491	34.90	-0.858	-0.964	-0.649	-0.154	0.282	0.538	0.633	0.653	0.642	0.551

Table 7-2-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1194 105-GR-1-19 U-D (U-D) MASAKI BRIDGE MAX. ACC. = -55.630 (GAL) T= 13.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.273	-0.250	-0.931	-1.527	-1.740	-1.391	-0.560	0.396	0.985	0.820
3511	35.10	-0.168	-1.655	-3.051	-3.780	-3.555	-2.529	-1.215	-0.229	0.027	-0.441
3521	35.20	-1.229	-1.765	-1.618	-0.734	0.539	1.634	2.062	1.664	0.673	-0.431
3531	35.30	-1.187	-1.396	-1.190	-0.916	-0.888	-1.174	-1.540	-1.594	-1.040	0.094
3541	35.40	1.408	2.295	2.247	1.137	-0.678	-2.502	-3.621	-3.640	-2.664	-1.231
3551	35.50	-0.034	0.416	0.017	-0.916	-1.857	-2.356	-2.253	-1.716	-1.091	-0.670
3561	35.60	-0.521	-0.474	-0.267	0.254	0.989	1.612	1.741	1.166	-0.002	-1.352
3571	35.70	-2.364	-2.660	-2.184	-1.216	-0.214	0.433	0.581	0.373	0.104	0.019
3581	35.80	0.153	0.329	0.289	-0.103	-0.726	-1.228	-1.205	-0.444	0.909	2.374
3591	35.90	3.336	3.346	2.354	0.747	-0.820	-1.732	-1.695	-0.854	0.311	1.242
3601	36.00	1.584	1.342	0.833	0.488	0.606	1.200	2.004	2.632	2.791	2.420
3611	36.10	1.701	0.939	0.386	0.131	0.089	0.098	0.049	-0.037	-0.030	0.189
3621	36.20	0.670	1.242	1.679	1.784	1.534	1.111	0.819	0.898	1.362	1.966
3631	36.30	2.209	1.765	0.514	-1.240	-2.878	-3.725	-3.363	-1.852	0.258	2.149
3641	36.40	3.080	2.711	1.242	-0.680	-2.260	-2.900	-2.443	-1.203	0.218	1.226
3651	36.50	1.507	1.134	0.490	0.041	0.091	0.633	1.366	1.866	1.802	1.108
3661	36.60	0.015	-1.058	-1.704	-1.703	-1.111	-0.212	0.622	1.102	1.135	0.828
3671	36.70	0.415	0.121	0.064	0.216	0.448	0.610	0.617	0.484	0.306	0.196
3681	36.80	0.227	0.400	0.659	0.922	1.131	1.263	1.317	1.290	1.158	0.877
3691	36.90	0.423	-0.175	-0.817	-1.355	-1.646	-1.622	-1.328	-0.914	-0.573	-0.455
3701	37.00	-0.597	-0.906	-1.200	-1.293	-1.080	-0.592	0.023	0.555	0.826	0.752
3711	37.10	0.372	-0.187	-0.765	-1.235	-1.537	-1.686	-1.738	-1.756	-1.776	-1.793
3721	37.20	-1.768	-1.668	-1.379	-0.935	-0.326	0.396	1.132	1.762	2.166	2.267
3731	37.30	2.060	1.625	1.102	0.646	0.372	0.314	0.417	0.572	0.667	0.641
3741	37.40	0.503	0.322	0.186	0.149	0.216	0.361	0.461	0.530	0.531	0.470
3751	37.50	0.358	0.192	-0.040	-0.332	-0.632	-0.840	-0.842	-0.570	-0.058	0.539
3761	37.60	0.993	1.104	0.808	0.228	-0.356	-0.629	-0.394	0.317	1.233	1.957
3771	37.70	2.153	1.712	0.820	-0.115	-0.649	-0.514	0.252	1.318	2.214	2.552
3781	37.80	2.212	1.382	0.465	-0.129	-0.182	0.236	0.818	1.179	1.060	0.446
3791	37.90	-0.432	-1.225	-1.639	-1.570	-1.133	-0.578	-0.150	0.033	0.020	-0.040
3801	38.00	-0.011	0.137	0.301	0.316	0.065	-0.423	-0.967	-1.313	-1.274	-0.844
3811	38.10	-0.224	0.266	0.338	-0.103	-0.897	-1.691	-2.100	-1.891	-1.108	-0.062
3821	38.20	0.807	1.122	0.742	-0.183	-1.220	-2.131	-2.446	-2.187	-1.553	-0.875
3831	38.30	-0.455	-0.439	-0.774	-1.256	-1.639	-1.758	-1.576	-1.173	-0.688	-0.240
3841	38.40	0.111	0.366	0.544	0.642	0.622	0.429	0.042	-0.493	-1.057	-1.500
3851	38.50	-1.705	-1.640	-1.372	-1.033	-0.753	-0.599	-0.548	-0.516	-0.422	-0.236
3861	38.60	-0.013	0.134	0.102	-0.142	-0.533	-0.930	-1.189	-1.230	-1.072	-0.819
3871	38.70	-0.593	-0.462	-0.403	-0.325	-0.126	0.224	0.652	1.005	1.132	0.969
3881	38.80	0.587	0.163	-0.109	-0.128	0.052	0.240	0.215	-0.148	-0.781	-1.434
3891	38.90	-1.779	-1.567	-0.766	0.409	1.576	2.358	2.542	2.166	1.481	0.815
3901	39.00	0.406	0.306	0.379	0.408	0.234	-0.152	-0.604	-0.917	-0.954	-0.728
3911	39.10	-0.398	-0.172	-0.176	-0.372	-0.570	-0.536	-0.136	0.569	1.336	1.855
3921	39.20	1.910	1.502	0.852	0.288	0.072	0.261	0.684	1.036	1.057	0.682
3931	39.30	0.079	-0.444	-0.612	-0.348	0.176	0.625	0.690	0.265	-0.479	-1.175
3941	39.40	-1.454	-1.148	-0.395	0.427	0.889	0.750	0.090	-0.717	-1.194	-1.012
3951	39.50	-0.176	0.956	1.839	2.009	1.314	0.006	-1.378	-2.254	-2.264	-1.429
3961	39.60	-0.122	1.121	1.852	1.910	1.465	0.902	0.612	0.798	1.379	2.066
3971	39.70	2.420	2.240	1.490	0.402	-0.639	-1.265	-1.266	-0.669	0.287	1.251
3981	39.80	1.897	2.034	1.669	0.984	0.265	-0.204	-0.243	0.162	0.861	1.592
3991	39.90	2.087	2.171	1.833	1.223	0.587	0.155	0.034	0.165	0.349	0.359

Table 7-2-9

TABLE OF CORRECTED ACCELERATION RECORD

NO. 9

INDEX NO. 1194 105-GR-1-19 U-D (U-D) MASAKI BRIDGE MAX. ACC. = -55.630 (GAL) T= 13.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.058	-0.515	-1.149	-1.554	-1.508	-0.973	-0.138	0.661	1.084	0.955
4011	40.10	0.341	-0.470	-1.102	-1.271	-0.911	-0.203	0.517	0.927	0.874	0.445
4021	40.20	-0.083	-0.385	-0.251	0.307	1.057	1.651	1.787	1.339	0.407	-0.727
4031	40.30	-1.726	-2.327	-2.425	-2.080	-1.459	-0.745	-0.074	0.493	0.939	1.258
4041	40.40	1.421	1.385	1.125	0.677	0.151	-0.297	-0.522	-0.455	-0.144	0.261
4051	40.50	0.565	0.610	0.342	-0.166	-0.744	-1.196	-1.374	-1.230	-0.826	-0.300
4061	40.60	0.192	0.528	0.649	0.568	0.344	0.059	-0.214	-0.421	-0.541	-0.580
4071	40.70	-0.569	-0.555	-0.590	-0.705	-0.901	-1.138	-1.351	-1.476	-1.480	-1.385
4081	40.80	-1.256	-1.173	-1.186	-1.280	-1.382	-1.395	-1.258	-0.988	-0.691	-0.511
4091	40.90	-0.556	-0.824	-1.185	-1.429	-1.367	-0.946	-0.295	0.307	0.556	0.275
4101	41.00	-0.479	-1.417	-2.134	-2.298	-1.818	-0.909	-0.002	0.446	0.177	-0.731
4111	41.10	-1.882	-2.737	-2.858	-2.112	-0.740	0.752	1.821	2.126	1.668	0.763
4121	41.20	-0.124	-0.607	-0.547	-0.090	0.438	0.723	0.623	0.238	-0.160	-0.284
4131	41.30	0.010	0.640	1.335	1.772	1.736	1.228	0.467	-0.206	-0.486	-0.232
4141	41.40	0.479	1.395	2.194	2.617	2.551	2.060	1.333	0.606	0.067	-0.196
4151	41.50	-0.213	-0.101	-0.001	-0.016	-0.160	-0.349	-0.435	-0.276	0.187	0.874
4161	41.60	1.573	2.008	1.960	1.374	0.416	-0.574	-1.213	-1.245	-0.667	0.255
4171	41.70	1.093	1.457	1.179	0.407	-0.459	-0.956	-0.783	0.035	1.151	2.051
4181	41.80	2.299	1.752	0.633	-0.567	-1.321	-1.309	-0.570	0.532	1.483	1.860
4191	41.90	1.518	0.634	-0.406	-1.198	-1.512	-1.370	-1.000	-0.690	-0.634	-0.840
4201	42.00	-1.157	-1.367	-1.317	-0.993	-0.514	-0.058	0.235	0.330	0.296	0.251
4211	42.10	0.286	0.420	0.599	0.740	0.787	0.733	0.617	0.477	0.321	0.116
4221	42.20	-0.174	-0.546	-0.919	-1.146	-1.078	-0.640	0.105	0.960	1.655	1.962
4231	42.30	1.787	1.220	0.497	-0.100	-0.363	-0.238	0.155	0.594	0.853	0.810
4241	42.40	0.493	0.067	-0.248	-0.271	0.063	0.674	1.373	1.937	2.193	2.076
4251	42.50	1.643	1.039	0.432	-0.053	-0.374	-0.576	-0.746	-0.960	-1.232	-1.500
4261	42.60	-1.646	-1.561	-1.204	-0.634	-0.005	0.496	0.728	0.656	0.377	0.066
4271	42.70	-0.094	-0.005	0.299	0.673	0.926	0.914	0.611	0.115	-0.397	-0.762
4281	42.80	-0.992	-0.861	-0.768	-0.766	-0.933	-1.242	-1.573	-1.786	-1.785	-1.573
4291	42.90	-1.240	-0.915	-0.696	-0.603	-0.578	-0.534	-0.414	-0.234	-0.082	-0.069
4301	43.00	-0.259	-0.625	-1.041	-1.335	-1.360	-1.066	-0.520	0.125	0.696	1.069
4311	43.10	1.206	1.152	0.989	0.786	0.572	0.339	0.078	-0.186	-0.386	-0.437
4321	43.20	-0.285	0.044	0.434	0.711	0.719	0.389	-0.217	-0.922	-1.504	-1.785
4331	43.30	-1.701	-1.319	-0.807	-0.349	-0.076	-0.025	-0.145	-0.346	-0.549	-0.724
4341	43.40	-0.876	-1.017	-1.131	-1.159	-1.032	-0.713	-0.246	0.237	0.563	0.591
4351	43.50	0.292	-0.222	-0.228	-0.985	-0.836	-0.289	0.486	1.226	1.688	1.758
4361	43.60	1.489	1.067	0.714	0.577	0.665	0.854	0.966	0.870	0.559	0.158
4371	43.70	-0.140	-0.174	0.096	0.562	1.013	1.233	1.105	0.669	0.101	-0.364
4381	43.80	-0.537	-0.360	0.082	0.599	0.986	1.111	0.954	0.608	0.226	-0.048
4391	43.90	-0.128	-0.011	0.238	0.515	0.718	0.769	0.634	0.327	-0.090	-0.517
4401	44.00	-0.840	-0.959	-0.829	-0.483	-0.033	0.369	0.589	0.572	0.374	0.143
4411	44.10	0.050	0.209	0.610	1.108	1.485	1.547	1.219	0.594	-0.099	-0.595
4421	44.20	-0.705	-0.408	0.144	0.696	1.003	0.951	0.595	0.137	-0.180	-0.184
4431	44.30	0.144	0.669	1.163	1.411	1.302	0.865	0.245	-0.370	-0.833	-1.082
4441	44.40	-1.161	-1.081	-0.962	-0.801	-0.570	-0.232	0.215	0.711	1.140	1.366
4451	44.50	1.290	0.897	0.271	-0.429	-1.012	-1.320	-1.277	-0.913	-0.351	0.227
4461	44.60	0.635	0.742	0.514	0.021	-0.583	-1.114	-1.425	-1.463	-1.285	-1.034
4471	44.70	-0.872	-0.899	-1.104	-1.367	-1.513	-1.404	-1.018	-0.477	0.003	0.207
4481	44.80	0.032	-0.450	-1.020	-1.403	-1.405	-1.004	-0.370	0.211	0.476	0.309
4491	44.90	-0.200	-0.799	-1.197	-1.197	-0.788	-0.134	0.514	0.945	1.082	0.998

Table 7-2-10

TABLE OF CORRECTED ACCELERATION RECORD

NO.10

INDEX NO. 1194 105-GR-1-19 U-D (U-D) MASAKI BRIDGE MAX. ACC. = -55.630 (GAL) T= 13.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.851	0.776	0.803	0.841	0.743	0.408	-0.140	-0.737	-1.155	-1.218
4511	45.10	-0.906	-0.377	0.096	0.255	-0.008	-0.597	-1.249	-1.656	-1.610	-1.102
4521	45.20	-0.325	0.420	0.856	0.856	0.482	-0.059	-0.517	-0.717	-0.627	-0.347
4531	45.30	-0.044	0.140	0.152	0.047	-0.052	-0.027	0.178	0.529	0.922	1.228
4541	45.40	1.350	1.262	1.012	0.700	0.432	0.286	0.278	0.372	0.495	0.570
4551	45.50	0.555	0.451	0.305	0.181	0.126	0.147	0.202	0.226	0.167	0.023
4561	45.60	-0.145	-0.236	-0.160	0.109	0.504	0.887	1.104	1.065	0.791	0.414
4571	45.70	0.116	0.033	0.184	0.456	0.655	0.613	0.282	-0.232	-0.711	-0.939
4581	45.80	-0.817	-0.425	0.010	0.224	0.058	-0.455	-1.093	-1.547	-1.581	-1.144
4591	45.90	-0.405	0.329	0.763	0.756	0.380	-0.124	-0.475	-0.490	-0.172	0.314
4601	46.00	0.741	0.942	0.894	0.713	0.567	0.567	0.699	0.828	0.788	0.482
4611	46.10	-0.043	-0.611	-1.004	-1.083	-0.864	-0.516	-0.271	-0.295	-0.594	-1.001
4621	46.20	-1.259	-1.155	-0.639	0.143	0.903	1.349	1.312	0.823	0.084	-0.626
4631	46.30	-1.085	-1.212	-1.078	-0.848	-0.683	-0.656	-0.738	-0.827	-0.817	-0.665
4641	46.40	-0.403	-0.119	0.097	0.199	0.199	0.154	0.129	0.169	0.289	0.486
4651	46.50	0.752	1.083	1.465	1.854	2.173	2.328	2.257	1.971	1.579	1.252
4661	46.60	1.155	1.355	1.777	2.217	2.426	2.231	1.627	0.799	0.045	-0.355
4671	46.70	-0.274	0.198	0.798	1.213	1.236	0.868	0.313	-0.130	-0.224	0.078
4681	46.80	0.603	1.046	1.130	0.754	0.063	-0.625	-0.969	-0.787	-0.155	0.618
4691	46.90	1.135	1.112	0.520	-0.390	-1.204	-1.547	-1.268	-0.516	0.322	0.804
4701	47.00	0.646	-0.151	-1.295	-2.349	-2.926	-2.864	-2.280	-1.503	-0.902	-0.722
4711	47.10	-0.985	-1.504	-1.998	-2.233	-2.123	-1.743	-1.265	-0.853	-0.585	-0.434
4721	47.20	-0.320	-0.183	-0.032	0.052	-0.025	-0.300	-0.707	-1.101	-1.319	-1.271
4731	47.30	-0.990	-0.617	-0.325	-0.226	-0.305	-0.430	-0.429	-0.193	0.250	0.735
4741	47.40	1.034	0.979	0.551	-0.094	-0.701	-1.031	-0.979	-0.617	-0.148	0.208
4751	47.50	0.330	0.252	0.139	0.178	0.462	0.924	1.361	1.539	1.319	0.746
4761	47.60	0.037	-0.516	-0.693	-0.454	0.038	0.495	0.648	0.378	-0.225	-0.907
4771	47.70	-1.378	-1.446	-1.104	-0.519	0.060	0.425	0.507	0.387	0.237	0.218
4781	47.80	0.390	0.685	0.951	1.035	0.867	0.488	0.028	-0.365	-0.589	-0.629
4791	47.90	-0.537	-0.387	-0.224	-0.042	0.195	0.513	0.882	1.215	1.399	1.347
4801	48.00	1.056	0.610	0.158	-0.156	-0.252	-0.145	0.075	0.283	0.387	0.355
4811	48.10	0.215	0.027	-0.160	-0.328	-0.485	-0.641	-0.781	-0.863	-0.840	-0.700
4821	48.20	-0.487	-0.301	-0.249	-0.389	-0.685	-1.008	-1.189	-1.103	-0.743	-0.245
4831	48.30	0.163	0.256	-0.072	-0.750	-1.549	-2.131	-2.269	-1.867	-1.047	-0.091
4841	48.40	0.680	1.035	0.923	0.479	-0.046	-0.406	-0.457	-0.223	0.139	0.415
4851	48.50	0.438	0.156	-0.347	-0.891	-1.276	-1.367	-1.134	-0.665	-0.125	0.310
4861	48.60	0.508	0.429	0.123	-0.285	-0.647	-0.838	-0.803	-0.567	-0.226	0.089
4871	48.70	0.266	0.257	0.094	-0.119	-0.247	-0.178	0.126	0.615	1.167	1.635
4881	48.80	1.898	1.906	1.684	1.318	0.912	0.550	0.280	0.111	0.035	0.038
4891	48.90	0.114	0.255	0.438	0.619	0.739	0.744	0.614	0.373	0.088	-0.153
4901	49.00	-0.281	-0.265	-0.126	0.082	0.293	0.458	0.556	0.590	0.579	0.537
4911	49.10	0.482	0.430	0.406	0.443	0.562	0.756	0.979	1.151	1.189	1.047
4921	49.20	0.747	0.383	0.089	-0.014	0.126	0.464	0.872	1.195	1.312	1.193
4931	49.30	0.901	0.563	0.311	0.221	0.291	0.449	0.597	0.658	0.608	0.477
4941	49.40	0.321	0.189	0.100	0.040	-0.020	-0.095	-0.177	-0.234	-0.227	-0.133
4951	49.50	0.040	0.255	0.463	0.621	0.707	0.716	0.660	0.549	0.394	0.206
4961	49.60	0.007	-0.168	-0.280	-0.296	-0.211	-0.056	0.114	0.233	0.254	0.166
4971	49.70	-0.005	-0.207	-0.383	-0.691	-0.509	-0.436	-0.285	-0.073	0.175	0.423
4981	49.80	0.625	0.728	0.692	0.511	0.224	-0.089	-0.335	-0.440	-0.382	-0.200
4991	49.90	0.025	0.201	0.271	0.232	0.135	0.056	0.056	0.153	0.312	0.460

Table 7-2-11

TABLE OF CORRECTED ACCELERATION RECORD

NO.11

INDEX NO. 1194 105-GR-1-19 U-D (U-D) MASAKI BRIDGE MAX. ACC. = -55.630 (GAL) T= 13.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.526	0.468	0.295	0.059	-0.169	-0.329	-0.393	-0.367	-0.280	-0.168
5011	50.10	-0.056	0.045	0.130	0.193	0.223	0.210	0.158	0.097	0.076	0.146
5021	50.20	0.334	0.616	0.907	1.086	1.037	0.702	0.119	-0.574	-1.180	-1.510
5031	50.30	-1.459	-1.047	-0.424	0.187	0.568	0.586	0.244	-0.333	-0.949	-1.421
5041	50.40	-1.643	-1.616	-1.433	-1.219	-1.070	-1.016	-1.020	-1.011	-0.932	-0.778
5051	50.50	-0.597	-0.466	-0.451	-0.568	-0.771	-0.977	-1.097	-1.076	-0.907	-0.633
5061	50.60	-0.324	-0.050	0.128	0.169	0.046	-0.245	-0.680	-1.198	-1.694	-2.048
5071	50.70	-2.155	-1.977	-1.568	-1.065	-0.643	-0.444	-0.517	-0.794	-1.119	-1.322
5081	50.80	-1.298	-1.051	-0.699	-0.410	-0.323	-0.482	-0.813	-1.165	-1.376	-1.346
5091	50.90	-1.081	-0.673	-0.256	0.056	0.212	0.230	0.168	0.085	0.016	-0.037
5101	51.00	-0.089	-0.150	-0.214	-0.271	-0.321	-0.388	-0.514	-0.733	-1.041	-1.380
5111	51.10	-1.648	-1.745	-1.619	-1.295	-0.877	-0.499	-0.264	-0.199	-0.242	-0.278
5121	51.20	-0.201	0.035	0.383	0.738	0.986	1.066	1.001	0.882	0.823	0.892
5131	51.30	1.081	1.304	1.442	1.399	1.154	0.768	0.358	0.050	-0.071	0.011
5141	51.40	0.250	0.559	0.849	1.052	1.129	1.071	0.891	0.621	0.309	0.019
5151	51.50	-0.187	-0.260	-0.186	0.005	0.253	0.492	0.676	0.801	0.900	1.019
5161	51.60	1.190	1.401	1.600	1.717	1.695	1.521	1.230	0.893	0.586	0.358
5171	51.70	0.229	0.189	0.224	0.327	0.502	0.745	1.029	1.294	1.463	1.468
5181	51.80	1.290	0.970	0.607	0.314	0.181	0.235	0.441	0.723	0.995	1.199
5191	51.90	1.309	1.325	1.250	1.085	0.831	0.514	0.198	-0.021	-0.050	0.156
5201	52.00	0.554	1.020	1.391	1.541	1.442	1.188	0.947	0.876	1.027	1.311
5211	52.10	1.522	1.441	0.945	0.089	-0.900	-1.718	-2.117	-2.016	-1.534	-0.931
5221	52.20	-0.477	-0.323	-0.440	-0.444	-0.712	-0.506	-0.053	0.467	0.812	0.812
5231	52.30	0.459	-0.081	-0.554	-0.739	-0.558	-0.115	0.367	0.657	0.632	0.333
5241	52.40	-0.072	-0.376	-0.444	-0.281	-0.016	0.172	0.154	-0.079	-0.417	-0.687
5251	52.50	-0.745	-0.555	-0.201	0.152	0.338	0.266	-0.041	-0.470	-0.871	-1.125
5261	52.60	-1.187	-1.092	-0.922	-0.762	-0.668	-0.650	-0.683	-0.735	-0.778	-0.803
5271	52.70	-0.814	-0.822	-0.838	-0.867	-0.908	-0.955	-0.990	-0.985	-0.907	-0.732
5281	52.80	-0.460	-0.127	0.197	0.432	0.517	0.437	0.238	0.004	-0.173	-0.238
5291	52.90	-0.172	-0.091	-0.012	-0.016	-0.114	-0.260	-0.382	-0.412	-0.324	-0.147
5301	53.00	0.055	0.213	0.287	0.284	0.245	0.221	0.243	0.304	0.367	0.387
5311	53.10	0.340	0.238	0.128	0.068	0.102	0.233	0.427	0.616	0.735	0.743
5321	53.20	0.638	0.459	0.269	0.130	0.082	0.128	0.233	0.332	0.358	0.261
5331	53.30	0.033	-0.288	-0.626	-0.893	-1.020	-0.985	-0.820	-0.606	-0.433	-0.367
5341	53.40	-0.422	-0.555	-0.691	-0.756	-0.718	-0.600	-0.466	-0.388	-0.407	-0.502
5351	53.50	-0.599	-0.601	-0.438	-0.105	0.327	0.735	0.989	1.008	0.792	0.425
5361	53.60	0.039	-0.231	-0.304	-0.174	0.091	0.378	0.581	0.634	0.536	0.341
5371	53.70	0.135	-0.002	-0.029	0.046	0.174	0.288	0.339	0.314	0.244	0.186
5381	53.80	0.191	0.275	0.404	0.509	0.512	0.372	0.114	-0.176	-0.380	-0.399
5391	53.90	-0.203	0.149	0.525	0.779	0.812	0.618	0.292	-0.018	-0.178	-0.128
5401	54.00	0.083	0.329	0.462	0.389	0.114	-0.261	-0.586	-0.738	-0.676	-0.457
5411	54.10	-0.205	-0.047	-0.043	-0.168	-0.323	-0.397	-0.329	-0.146	0.047	0.122
5421	54.20	-0.007	-0.331	-0.744	-1.087	-1.218	-1.080	-0.727	-0.304	0.021	0.123
5431	54.30	-0.027	-0.356	-0.731	-1.021	-1.150	-1.121	-1.006	-0.894	-0.849	-0.874
5441	54.40	-0.920	-0.907	-0.778	-0.526	-0.202	0.101	0.288	0.305	0.159	-0.086
5451	54.50	-0.334	-0.495	-0.517	-0.401	-0.194	0.035	0.218	0.312	0.304	0.210
5461	54.60	0.059	-0.120	-0.300	-0.460	-0.576	-0.528	-0.596	-0.479	-0.300	-0.108
5471	54.70	0.031	0.057	-0.057	-0.291	-0.576	-0.820	-0.941	-0.903	-0.733	-0.514
5481	54.80	-0.345	-0.300	-0.388	-0.551	-0.680	-0.668	-0.460	-0.080	0.372	0.759
5491	54.90	0.964	0.940	0.725	0.428	0.178	0.070	0.127	0.294	0.469	0.554

Table 7-2-12

TABLE OF CORRECTED ACCELERATION RECORD

NO.12

INDEX NO. 1194 105-GR-1-19 U-D (U-D) MASAKI BRIDGE MAX. ACC. = -55.630 (GAL) T= 13.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.496	0.317	0.096	-0.063	-0.078	0.075	0.353	0.661	0.889	0.952
5511	55.10	0.820	0.525	0.151	-0.195	-0.411	-0.433	-0.248	0.099	0.518	0.903
5521	55.20	1.162	1.246	1.169	1.000	0.840	0.779	0.857	1.044	1.251	1.364
5531	55.30	1.301	1.049	0.678	0.316	0.093	0.082	0.265	0.540	0.771	0.868
5541	55.40	0.745	0.531	0.337	0.289	0.445	0.760	1.107	1.337	1.355	1.168
5551	55.50	0.886	0.667	0.643	0.845	1.188	1.504	1.622	1.451	1.026	0.496
5561	55.60	0.062	-0.113	0.023	0.394	0.832	1.149	1.221	1.029	0.653	0.228
5571	55.70	-0.123	-0.333	-0.406	-0.389	-0.336	-0.272	-0.184	-0.043	0.162	0.401
5581	55.80	0.601	0.681	0.586	0.330	-0.004	-0.287	-0.396	-0.268	0.076	0.533
5591	55.90	0.957	1.215	1.233	1.017	0.645	0.235	-0.102	-0.293	-0.319	-0.213
5601	56.00	-0.039	0.132	0.238	0.236	0.112	-0.127	-0.455	-0.828	-1.192	-1.491
5611	56.10	-1.679	-1.732	-1.654	-1.479	-1.263	-1.065	-0.926	-0.862	-0.853	-0.856
5621	56.20	-0.827	-0.741	-0.613	-0.493	-0.451	-0.548	-0.798	-1.157	-1.518	-1.751
5631	56.30	-1.741	-1.438	-0.883	-0.201	0.435	0.867	1.000	0.841	0.486	0.086
5641	56.40	-0.216	-0.335	-0.275	-0.113	0.034	0.067	-0.049	-0.275	-0.514	-0.654
5651	56.50	-0.619	-0.404	-0.082	0.224	0.391	0.344	0.086	-0.300	-0.687	-0.955
5661	56.60	-1.039	-0.953	-0.784	-0.644	-0.625	-0.746	-0.951	-1.131	-1.178	-1.042
5671	56.70	-0.762	-0.456	-0.269	-0.306	-0.580	-0.993	-1.376	-1.560	-1.448	-1.062
5681	56.80	-0.531	-0.032	0.287	0.376	0.299	0.198	0.216	0.426	0.787	1.164
5691	56.90	1.385	1.326	0.965	0.397	-0.207	-0.673	-0.896	-0.862	-0.663	-0.426
5701	57.00	-0.266	-0.232	-0.302	-0.400	-0.443	-0.373	-0.185	0.077	0.343	0.542
5711	57.10	0.622	0.562	0.377	0.106	-0.190	-0.446	-0.598	-0.609	-0.480	-0.252
5721	57.20	-0.000	0.191	0.258	0.186	0.012	-0.187	-0.327	-0.350	-0.246	-0.053
5731	57.30	0.167	0.352	0.473	0.536	0.568	0.600	0.647	0.694	0.713	0.680
5741	57.40	0.588	0.459	0.334	0.250	0.232	0.275	0.351	0.420	0.444	0.400
5751	57.50	0.278	0.084	-0.163	-0.435	-0.693	-0.888	-0.971	-0.906	-0.689	-0.352
5761	57.60	0.038	0.402	0.675	0.829	0.880	0.878	0.877	0.907	0.960	0.989
5771	57.70	0.941	0.783	0.532	0.249	0.022	-0.073	-0.006	0.186	0.420	0.593
5781	57.80	0.629	0.513	0.293	0.061	-0.092	-0.112	-0.010	0.145	0.260	0.259
5791	57.90	0.121	-0.106	-0.324	-0.427	-0.347	-0.084	0.291	0.662	0.915	0.984
5801	58.00	0.876	0.658	0.433	0.286	0.252	0.307	0.386	0.417	0.361	0.225
5811	58.10	0.061	-0.071	-0.134	-0.134	-0.117	-0.142	-0.243	-0.432	-0.592	-0.708
5821	58.20	-0.701	-0.559	-0.327	-0.081	0.101	0.177	0.154	0.070	-0.028	-0.116
5831	58.30	-0.201	-0.309	-0.453	-0.606	-0.704	-0.669	-0.453	-0.078	0.364	0.722
5841	58.40	0.867	0.744	0.399	-0.034	-0.391	-0.557	-0.516	-0.352	-0.207	-0.201
5851	58.50	-0.373	-0.655	-0.909	-1.000	-0.864	-0.547	-0.179	0.085	0.149	0.018
5861	58.60	-0.208	-0.386	-0.412	-0.271	-0.046	0.131	0.153	0.002	-0.241	-0.429
5871	58.70	-0.431	-0.196	0.214	0.652	0.956	1.027	0.870	0.585	0.316	0.174
5881	58.80	0.192	0.321	0.463	0.534	0.508	0.424	0.354	0.353	0.420	0.498
5891	58.90	0.503	0.379	0.133	-0.157	-0.380	-0.442	-0.315	-0.050	0.249	0.479
5901	59.00	0.583	0.569	0.496	0.433	0.416	0.436	0.447	0.406	0.306	0.183
5911	59.10	0.099	0.103	0.197	0.326	0.402	0.354	0.166	-0.109	-0.369	-0.514
5921	59.20	-0.492	-0.328	-0.105	0.078	0.160	0.141	0.082	0.061	0.128	0.273
5931	59.30	0.429	0.512	0.465	0.299	0.088	-0.062	-0.070	0.080	0.328	0.562
5941	59.40	0.675	0.615	0.405	0.138	-0.071	-0.134	-0.033	0.180	0.405	0.538
5951	59.50	0.515	0.338	0.063	-0.219	-0.418	-0.477	-0.368	-0.184	0.071	0.306
5961	59.60	0.465	0.515	0.453	0.302	0.100	-0.111	-0.301	-0.451	-0.556	-0.620
5971	59.70	-0.644	-0.629	-0.572	-0.476	-0.358	-0.249	-0.188	-0.204	-0.303	-0.462
5981	59.80	-0.630	-0.755	-0.805	-0.783	-0.730	-0.699	-0.731	-0.827	-0.950	-1.038
5991	59.90	-1.040	-0.945	-0.788	-0.640	-0.561	-0.571	-0.631	-0.656	-0.563	-0.316

Table 7-2-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1194 105-GR-1-19 U-D (U-D) MASAKI BRIDGE MAX. ACC. = -55.630 (GAL) T= 13.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.041	0.395	0.602	0.554	0.230	-0.287	-0.841	-1.265	-1.449	-1.378
6011	60.10	-1.134	-0.851	-0.651	-0.594	-0.655	-0.751	-0.785	-0.702	-0.510	-0.276
6021	60.20	-0.090	-0.015	-0.061	-0.181	-0.296	-0.337	-0.278	-0.142	0.010	0.116
6031	60.30	0.139	0.083	-0.015	-0.110	-0.173	-0.207	-0.234	-0.279	-0.349	-0.418
6041	60.40	-0.438	-0.369	-0.196	0.045	0.285	0.443	0.465	0.352	0.158	-0.026
6051	60.50	-0.116	-0.067	0.106	0.337	0.542	0.651	0.643	0.545	0.419	0.329
6061	60.60	0.314	0.374	0.484	0.606	0.718	0.814	0.900	0.979	1.033	1.026
6071	60.70	0.922	0.703	0.398	0.073	-0.183	-0.297	-0.246	-0.069	0.147	0.308
6081	60.80	0.351	0.272	0.126	-0.003	-0.050	0.005	0.125	0.241	0.291	0.255
6091	60.90	0.166	0.093	0.101	0.211	0.384	0.536	0.577	0.463	0.213	-0.086
6101	61.00	-0.322	-0.409	-0.326	-0.122	0.103	0.256	0.289	0.223	0.133	0.104
6111	61.10	0.185	0.361	0.552	0.655	0.595	0.363	0.031	-0.279	-0.445	-0.398
6121	61.20	-0.157	0.183	0.480	0.614	0.527	0.253	-0.103	-0.405	-0.542	-0.474
6131	61.30	-0.240	0.059	0.309	0.425	0.392	0.266	0.146	0.131	0.270	0.544
6141	61.40	0.863	1.108	1.179	1.033	0.709	0.310	-0.042	-0.248	-0.278	-0.173
6151	61.50	-0.021	0.087	0.102	0.039	-0.032	-0.028	0.099	0.333	0.591	0.759
6161	61.60	0.747	0.536	0.192	-0.158	-0.381	-0.399	-0.222	0.055	0.301	0.415
6171	61.70	0.373	0.240	0.131	0.151	0.331	0.602	0.827	0.864	0.641	0.200
6181	61.80	-0.307	-0.683	-0.770	-0.525	-0.035	0.512	0.914	1.038	0.871	0.518
6191	61.90	0.142	-0.109	-0.169	-0.068	0.092	0.204	0.203	0.098	-0.047	-0.150
6201	62.00	-0.163	-0.092	0.012	0.087	0.092	0.032	-0.054	-0.124	-0.156	-0.168
6211	62.10	-0.195	-0.269	-0.381	-0.482	-0.502	-0.387	-0.141	0.166	0.419	0.506
6221	62.20	0.365	0.019	-0.440	-0.884	-1.203	-1.348	-1.336	-1.233	-1.112	-1.018
6231	62.30	-0.958	-0.906	-0.836	-0.740	-0.640	-0.575	-0.570	-0.626	-0.710	-0.774
6241	62.40	-0.780	-0.727	-0.651	-0.611	-0.656	-0.798	-1.001	-1.191	-1.288	-1.237
6251	62.50	-1.039	-0.742	-0.427	-0.174	-0.027	0.015	-0.001	-0.010	0.041	0.173
6261	62.60	0.357	0.531	0.624	0.583	0.403	0.129	-0.155	-0.360	-0.424	-0.341
6271	62.70	-0.160	0.027	0.128	0.086	-0.096	-0.359	-0.608	-0.757	-0.761	-0.630
6281	62.80	-0.419	-0.202	-0.039	0.050	0.081	0.093	0.121	0.183	0.267	0.351
6291	62.90	0.406	0.420	0.391	0.326	0.235	0.122	-0.003	-0.123	-0.208	-0.220
6301	63.00	-0.137	0.039	0.269	0.489	0.636	0.678	0.625	0.528	0.453	0.443
6311	63.10	0.501	0.583	0.634	0.612	0.520	0.402	0.322	0.322	0.397	0.492
6321	63.20	0.534	0.466	0.291	0.067	-0.115	-0.180	-0.107	0.056	0.224	0.315
6331	63.30	0.303	0.226	0.167	0.202	0.350	0.554	0.700	0.678	0.436	0.019
6341	63.40	-0.444	-0.796	-0.922	-0.799	-0.505	-0.184	0.023	0.038	-0.125	-0.376
6351	63.50	-0.600	-0.712	-0.693	-0.586	-0.472	-0.416	-0.440	-0.517	-0.588	-0.600
6361	63.60	-0.536	-0.419	-0.305	-0.245	-0.265	-0.351	-0.455	-0.522	-0.514	-0.426
6371	63.70	-0.289	-0.157	-0.079	-0.086	-0.172	-0.304	-0.425	-0.482	-0.437	-0.283
6381	63.80	-0.049	0.212	0.435	0.562	0.564	0.448	0.260	0.065	-0.072	-0.111
6391	63.90	-0.051	0.071	0.193	0.255	0.229	0.124	-0.011	-0.109	-0.117	-0.018
6401	64.00	0.158	0.345	0.470	0.483	0.384	0.223	0.082	0.039	0.136	0.356
6411	64.10	0.632	0.868	0.986	0.953	0.801	0.607	0.464	0.436	0.536	0.720
6421	64.20	0.911	1.034	1.049	0.967	0.841	0.737	0.702	0.743	0.829	0.904
6431	64.30	0.919	0.848	0.701	0.515	0.331	0.182	0.083	0.035	0.031	0.069
6441	64.40	0.149	0.269	0.421	0.585	0.733	0.843	0.908	0.939	0.954	0.971
6451	64.50	0.990	0.995	0.960	0.865	0.716	0.545	0.403	0.337	0.371	0.494
6461	64.60	0.666	0.837	0.966	1.035	1.049	1.017	0.947	0.831	0.654	0.410
6471	64.70	0.115	-0.188	-0.442	-0.599	-0.641	-0.589	-0.494	-0.412	-0.379	-0.397
6481	64.80	-0.438	-0.470	-0.474	-0.464	-0.475	-0.541	-0.669	-0.826	-0.947	-0.962
6491	64.90	-0.837	-0.591	-0.294	-0.036	0.107	0.113	0.019	-0.101	-0.171	-0.154

Table 7-2-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1194 105-GR-1-19 U-D (U-D) MASAKI BRIDGE MAX. ACC. = -55.630 (GAL) T= 13.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-0.062	0.047	0.108	0.079	-0.032	-0.177	-0.289	-0.318	-0.253	-0.124
6511	65.10	0.012	0.101	0.112	0.052	-0.052	-0.167	-0.266	-0.341	-0.396	-0.433
6521	65.20	-0.451	-0.446	-0.417	-0.380	-0.360	-0.388	-0.479	-0.619	-0.767	-0.870
6531	65.30	-0.888	-0.815	-0.686	-0.565	-0.513	-0.561	-0.700	-0.884	-1.059	-1.190
6541	65.40	-1.272	-1.332	-1.397	-1.479	-1.553	-1.574	-1.505	-1.342	-1.133	-0.963
6551	65.50	-0.916	-1.032	-1.283	-1.578	-1.802	-1.867	-1.755	-1.525	-1.285	-1.140
6561	65.60	-1.142	-1.272	-1.452	-1.589	-1.624	-1.561	-1.456	-1.385	-1.401	-1.506
6571	65.70	-1.654	-1.783	-1.853	-1.872	-1.890	-1.962	-2.106	-2.272	-2.352	-2.218
6581	65.80	-1.790	-1.073								

Table 7-3-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1195 105-GR-1-19 HB. (HB.) HASAKI BRIDGE MAX. ACC. = 263.822 (GAL) T= 9.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.0	-13.454	-18.635	-18.135	-11.772	-1.888	7.511	12.465	10.827	3.261
11	0.10	-7.030	-15.740	-19.413	-16.978	-10.145	-2.500	2.270	2.127	-2.416	-8.676
21	0.20	-13.213	-13.570	-9.452	-2.773	3.389	6.383	5.268	1.156	-3.525	-6.415
31	0.30	-6.490	-4.515	-2.472	-2.279	-4.550	-8.111	-10.589	-9.783	-5.070	1.975
41	0.40	8.168	10.316	7.010	-0.360	-8.006	-11.512	-8.150	1.430	13.096	20.942
51	0.50	20.120	9.450	-7.525	-23.718	-31.546	-26.495	-9.554	12.773	31.023	36.877
61	0.60	26.986	4.735	-20.956	-39.356	-42.571	-29.039	-4.283	21.465	37.603	37.916
71	0.70	23.013	0.005	-20.779	-30.400	-25.207	-8.291	12.073	26.255	27.601	15.353
81	0.80	-5.107	-24.732	-34.840	-30.924	-14.563	7.329	25.548	32.562	25.688	8.146
91	0.90	-12.423	-27.276	-30.289	-20.496	-2.380	16.163	27.291	26.604	14.983	-1.910
101	1.00	-16.247	-21.601	-15.873	-2.235	12.362	20.471	17.719	4.981	-11.908	-24.864
111	1.10	-27.458	-18.157	-1.302	14.771	21.660	15.057	-2.907	-24.371	-39.278	-40.133
121	1.20	-25.695	-1.769	21.373	33.777	30.501	13.954	-7.291	-22.643	-24.571	-12.141
131	1.30	8.693	28.133	37.338	32.584	16.752	-2.487	-16.716	-20.907	-15.525	-5.651
141	1.40	2.242	4.006	-0.032	-5.585	-7.237	-1.907	9.028	20.211	25.144	19.872
151	1.50	5.468	-12.112	-24.811	-26.485	-16.067	1.787	18.953	27.825	25.022	12.933
161	1.60	-1.658	-11.097	-10.734	-1.176	12.171	21.947	22.607	13.187	-2.231	-16.546
171	1.70	-23.066	-18.668	-5.213	11.383	23.871	26.888	19.210	4.115	-12.186	-23.277
181	1.80	-25.196	-17.957	-5.345	6.834	13.303	11.581	3.059	-7.592	-14.480	-13.192
191	1.90	-2.999	12.476	26.552	32.357	26.078	9.088	-12.188	-28.838	-33.472	-23.857
201	2.00	-4.339	15.823	26.665	22.358	4.309	-19.148	-36.534	-38.780	-23.843	2.003
211	2.10	26.996	39.571	34.123	13.903	-10.488	-26.380	-25.442	-7.990	17.059	36.621
221	2.20	40.062	24.628	-3.059	-30.218	-44.204	-38.689	-16.636	11.348	32.346	37.386
231	2.30	25.481	3.582	-17.316	-27.736	-24.081	-9.746	7.306	18.925	20.721	13.614
241	2.40	2.491	-6.961	-11.323	-10.744	-8.008	-6.192	-6.497	-7.590	-6.796	-2.282
251	2.50	5.189	12.138	14.072	8.126	-4.879	-20.197	-31.029	-31.668	-20.361	-0.451
261	2.60	20.794	35.170	36.968	25.335	4.585	-17.598	-33.209	-36.959	-28.119	-10.572
271	2.70	8.839	22.958	26.975	20.161	6.058	-8.956	-18.244	-17.686	-7.553	7.472
281	2.80	20.085	23.707	15.612	-1.531	-20.051	-31.499	-29.831	-15.036	6.574	25.125
291	2.90	31.924	23.860	5.159	-16.583	-25.250	-21.518	-5.802	12.857	23.544	19.444
301	3.00	1.803	-20.398	-35.096	-33.756	-16.373	8.028	25.925	26.639	8.556	-19.291
311	3.10	-41.460	-44.185	-23.105	13.608	48.705	64.416	51.783	15.848	-26.281	-53.757
321	3.20	-52.592	-23.053	20.123	54.984	63.498	40.864	-1.879	-43.385	-62.897	-50.913
331	3.30	-14.089	28.197	53.870	49.589	17.665	-25.120	-56.197	-58.880	-31.010	13.881
341	3.40	53.463	67.970	50.218	9.171	-34.675	-59.640	-53.649	-20.038	24.400	57.955
351	3.50	64.674	41.860	0.819	-39.175	-60.407	-54.909	-27.441	7.811	34.684	42.704
361	3.60	31.217	8.369	-13.976	-26.398	-25.953	-16.364	-4.820	2.449	3.299	-0.011
371	3.70	-3.061	-2.428	2.205	8.140	11.673	10.623	5.737	0.155	-2.675	-1.254
381	3.80	2.976	6.542	6.191	1.034	-6.468	-12.241	-12.618	-6.901	2.034	9.210
391	3.90	10.389	4.646	-4.864	-12.498	-13.269	-5.797	6.651	17.709	21.317	15.115
401	4.00	1.953	-11.412	-17.825	-13.576	-0.522	14.730	24.193	22.675	10.557	-6.324
411	4.10	-19.624	-22.752	-14.233	1.568	16.696	23.621	18.971	5.098	-11.229	-22.221
421	4.20	-22.318	-12.923	2.842	17.559	25.281	23.544	14.034	1.340	-9.389	-14.652
431	4.30	-13.735	-8.471	-1.999	2.721	4.012	1.854	-2.379	-6.574	-8.634	-7.189
441	4.40	-2.122	5.206	12.208	15.902	14.140	6.806	-3.676	-12.969	-16.560	-11.922
451	4.50	-0.057	14.503	25.488	27.760	19.895	5.108	-10.115	-19.105	-18.323	-9.140
461	4.60	2.904	11.051	10.976	3.156	-7.377	-13.830	-11.536	-0.794	12.954	21.839
471	4.70	19.776	5.951	-14.374	-32.239	-39.400	-32.480	-14.695	5.754	19.771	21.794
481	4.80	12.285	-2.928	-15.958	-20.973	-16.897	-7.386	1.723	5.894	4.327	0.023
491	4.90	-2.400	0.240	7.602	15.934	20.283	17.483	8.178	-3.355	-11.469	-12.259

Table 7-3-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1195 105-GR-1-19 HB. (HB.) HASAKI BRIDGE MAX. ACC. = 263.822 (GAL) T= 9.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-5.752	4.069	11.424	11.885	4.805	-6.315	-15.661	-18.159	-12.075	0.160
511	5.10	13.257	21.732	22.477	15.966	5.628	-4.092	-9.825	-10.473	-7.048	-1.547
521	5.20	4.300	9.625	14.138	17.365	18.149	14.952	6.899	-5.047	-17.656	-26.268
531	5.30	-26.747	-17.665	-1.583	15.425	26.015	24.725	10.645	-11.887	-33.725	-46.215
541	5.40	-43.055	-24.092	4.403	31.879	47.546	44.743	23.861	-7.460	-36.983	-52.837
551	5.50	-48.266	-24.808	7.950	36.036	46.895	34.937	4.383	-32.083	-58.559	-62.976
561	5.60	-42.828	-6.838	28.530	46.411	37.544	5.171	-35.717	-64.788	-65.727	-34.275
571	5.70	18.951	72.477	103.242	97.038	55.271	-5.178	-59.107	-83.995	-69.884	-23.662
581	5.80	34.168	78.672	91.400	68.110	19.977	-31.981	-66.468	-71.018	-46.660	-6.382
591	5.90	31.467	51.536	47.756	24.969	-4.392	-26.619	-32.942	-22.897	-3.616	14.234
601	6.00	21.715	15.636	-0.390	-18.056	-28.461	-26.238	-11.896	8.545	26.312	33.728
611	6.10	27.460	9.821	-12.325	-30.507	-38.116	-32.954	-17.851	0.797	15.822	22.159
621	6.20	18.586	7.713	-5.594	-16.471	-21.926	-21.546	-16.937	-10.439	-3.933	1.639
631	6.30	5.948	8.603	8.772	5.526	-1.244	-9.976	-17.410	-19.718	-14.447	-2.257
641	6.40	12.623	23.785	25.458	15.480	-3.144	-23.071	-35.685	-35.049	-20.829	1.323
651	6.50	22.232	33.393	30.879	17.043	-0.812	-14.117	-17.211	-9.920	2.700	13.250
661	6.60	15.946	9.602	-1.880	-11.702	-13.871	-6.470	7.174	20.030	24.815	17.679
671	6.70	0.310	-20.531	-35.844	-38.286	-25.406	-0.843	26.966	48.002	54.475	43.775
681	6.80	19.491	-9.814	-33.618	-43.184	-34.763	-11.134	19.100	44.371	54.273	43.577
691	6.90	14.607	-23.057	-55.736	-70.663	-61.058	-29.205	13.876	52.286	71.299	63.261
701	7.00	30.881	-13.548	-52.860	-71.824	-63.310	-31.216	11.102	46.326	60.353	48.158
711	7.10	15.888	-21.752	-47.746	-50.059	-26.886	12.413	51.139	72.291	65.842	33.146
721	7.20	-13.477	-55.844	-77.561	-70.922	-40.056	1.041	34.715	47.325	34.974	4.795
731	7.30	-28.648	-50.098	-50.315	-29.749	2.324	32.508	49.430	48.387	32.520	10.364
741	7.40	-8.644	-18.306	-17.557	-9.644	0.507	8.936	13.946	15.690	14.843	11.574
751	7.50	5.662	-2.454	-10.680	-15.426	-13.246	-3.137	12.012	26.107	32.714	28.704
761	7.60	16.497	3.256	-2.940	1.992	15.065	27.043	27.618	11.773	-15.718	-41.095
771	7.70	-47.916	-26.053	21.388	77.362	117.557	121.662	83.700	16.004	-55.589	-103.266
781	7.80	-109.886	-76.427	-20.596	32.499	62.597	63.105	42.197	16.256	-0.152	-1.934
791	7.90	5.380	11.067	7.382	-4.895	-17.118	-19.202	-7.611	10.560	20.594	9.082
801	8.00	-26.412	-73.163	-108.030	-109.407	-70.095	-3.536	60.948	92.319	74.232	14.679
811	8.10	-56.939	-104.487	-104.070	-57.112	9.869	59.170	62.301	15.897	-55.753	-113.329
821	8.20	-123.722	-78.471	0.842	73.515	101.428	69.957	-3.311	-77.042	-107.644	-72.522
831	8.30	17.208	121.369	199.435	190.115	118.165	5.025	-101.620	-160.026	-153.371	-95.319
841	8.40	-20.340	35.143	50.453	28.360	-10.067	-39.280	-43.385	-22.969	8.154	33.133
851	8.50	42.442	38.287	31.052	30.811	39.784	50.659	51.780	35.707	5.470	-25.793
861	8.60	-41.976	-33.778	-5.123	28.008	46.092	37.244	4.574	-34.808	-58.954	-53.453
871	8.70	-20.050	23.529	52.775	49.707	13.041	-40.480	-84.484	-96.688	-70.607	-19.039
881	8.80	32.485	58.730	47.368	4.677	-48.335	-86.957	-94.946	-71.569	-30.292	9.543
891	8.90	33.165	37.302	30.273	25.771	34.210	56.498	83.479	101.031	97.823	71.535
901	9.00	30.358	-10.769	-37.134	-40.919	-24.467	1.147	21.321	24.427	6.795	-25.788
911	9.10	-60.503	-82.777	-82.311	-57.525	-16.617	25.369	52.541	54.959	33.313	-0.894
921	9.20	-30.249	-39.670	-24.226	7.513	36.957	44.859	22.255	-22.795	-67.054	-82.782
931	9.30	-52.659	18.665	103.272	161.119	159.377	90.659	-19.693	-122.472	-166.826	-125.732
941	9.40	-11.916	124.854	219.293	221.572	122.810	-37.981	-190.033	-263.213	-221.462	-80.932
951	9.50	96.425	231.263	263.823	181.717	25.159	-132.805	-221.303	-204.864	-98.984	39.027
961	9.60	138.859	151.300	71.160	-61.497	-181.593	-230.343	-182.487	-56.982	92.921	204.566
971	9.70	233.653	172.332	50.423	-79.460	-165.183	-176.285	-114.577	-10.967	88.883	143.339
981	9.80	130.558	55.761	-51.796	-150.307	-200.928	-181.912	-96.653	27.124	146.947	220.841
991	9.90	222.878	153.087	37.511	-82.130	-165.317	-189.138	-156.980	-95.378	-40.245	-18.883

Table 7-3-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1195 105-GR-1-19 HB. (HB.) MASAKI BRIDGE MAX. ACC. = 263.822 (GAL) T= 9.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-36.436	-73.621	-97.140	-77.802	-7.286	95.205	190.254	236.389	210.347	119.371
1011	10.10	-0.741	-101.173	-141.828	-108.905	-20.132	84.405	160.890	180.708	140.982	62.658
1021	10.20	-21.577	-82.706	-106.532	-96.064	-65.688	-31.626	-4.307	13.867	25.551	33.469
1031	10.30	37.196	33.661	20.465	-0.869	-24.415	-42.746	-51.281	-50.931	-46.906	-44.204
1041	10.40	-42.807	-36.325	-15.879	22.435	71.075	110.488	116.533	73.261	-15.435	-122.424
1051	10.50	-205.775	-226.542	-167.908	-45.914	94.628	198.361	223.953	162.962	44.222	-79.406
1061	10.60	-155.403	-155.483	-87.451	10.505	89.844	115.724	83.027	16.715	-42.978	-62.331
1071	10.70	-31.480	31.372	90.503	111.932	81.143	10.272	-68.456	-119.068	-119.244	-70.087
1081	10.80	5.993	77.223	117.466	116.610	81.966	31.304	-17.485	-54.160	-77.691	-92.048
1091	10.90	-100.033	-99.675	-85.583	-54.142	-8.766	38.775	72.548	80.296	60.538	24.645
1101	11.00	-7.782	-18.202	1.618	45.225	94.255	126.903	127.751	94.135	36.298	-28.035
1111	11.10	-81.327	-112.155	-117.033	-98.481	-61.769	-12.984	40.568	88.899	119.345	119.863
1121	11.20	85.042	21.684	-50.074	-102.494	-111.567	-69.022	11.295	97.044	159.588	146.219
1131	11.30	83.121	-12.822	-100.080	-140.621	-118.013	-45.419	40.773	98.803	102.127	52.408
1141	11.40	-21.635	-78.979	-87.184	-38.845	44.655	123.836	160.659	136.932	62.445	-30.871
1151	11.50	-105.224	-135.016	-117.539	-71.450	-24.743	0.657	-0.703	-17.548	-31.054	-27.526
1161	11.60	-7.031	16.917	26.184	9.899	-27.770	-65.776	-90.880	-80.501	-41.348	6.328
1171	11.70	35.870	28.457	-16.230	-78.840	-129.512	-142.649	-109.576	-42.511	31.990	86.393
1181	11.80	105.095	90.204	57.677	26.688	8.739	2.802	-1.014	-11.983	-29.791	-42.151
1191	11.90	-31.231	14.327	88.863	167.539	215.260	203.218	124.851	2.478	-119.909	-195.289
1201	12.00	-195.115	-123.165	-14.521	80.333	118.906	86.371	1.926	-91.190	-147.099	-139.571
1211	12.10	-74.317	14.549	81.888	94.014	45.180	-39.853	-118.203	-149.901	-117.268	-33.332
1221	12.20	64.517	132.341	140.280	86.324	-2.979	-84.841	-119.603	-88.282	-0.646	109.274
1231	12.30	197.723	229.159	190.031	93.114	-28.540	-134.778	-192.959	-188.448	-127.720	-33.982
1241	12.40	62.073	132.530	160.048	141.234	85.458	10.383	-63.879	-120.219	-148.350	-146.405
1251	12.50	-120.296	-81.188	-41.803	-12.535	1.528	1.703	-5.524	-11.696	-10.369	-0.192
1261	12.60	14.358	25.127	24.574	10.256	-12.722	-32.852	-36.928	-16.444	27.225	81.639
1271	12.70	127.218	145.072	125.462	72.986	5.746	-51.604	-78.139	-65.706	-22.495	30.740
1281	12.80	70.205	79.980	59.096	21.324	-12.308	-24.633	-11.548	15.478	35.125	27.593
1291	12.90	-13.971	-77.891	-137.531	-162.924	-135.296	-57.601	44.290	130.976	165.794	130.969
1301	13.00	36.400	-83.045	-180.923	-217.784	-177.167	-72.348	58.885	169.139	219.821	195.582
1311	13.10	109.244	-4.301	-102.301	-150.499	-135.232	-66.932	25.636	107.485	150.722	143.980
1321	13.20	94.800	24.844	-39.471	-76.849	-77.795	-46.102	4.539	56.655	95.041	110.573
1331	13.30	101.067	69.922	24.022	-27.854	-75.822	-109.515	-119.532	-100.110	-52.327	13.881
1341	13.40	80.677	127.007	135.885	101.514	32.880	-48.363	-115.517	-147.110	-135.401	-89.250
1351	13.50	-29.849	18.836	40.567	33.373	9.134	-13.461	-18.942	-3.060	25.278	49.012
1361	13.60	52.278	29.240	-12.161	-53.542	-74.897	-64.509	-25.029	27.309	69.960	84.284
1371	13.70	63.824	16.849	-37.793	-79.242	-93.440	-78.218	-42.736	-2.179	29.308	44.025
1381	13.80	42.320	30.375	16.016	4.992	-0.548	-1.224	1.585	7.249	15.860	26.857
1391	13.90	37.553	42.958	37.580	18.514	-11.816	-45.085	-69.487	-74.458	-55.650	-17.729
1401	14.00	26.621	61.373	73.648	59.185	24.293	-16.686	-47.366	-56.157	-40.966	-9.708
1411	14.10	23.509	44.753	46.294	29.610	4.120	-17.626	-25.973	-18.578	-1.190	15.477
1621	14.20	21.191	11.334	-10.781	-35.472	-51.381	-50.973	-34.192	-8.495	14.743	25.686
1431	14.30	20.699	3.945	-14.824	-25.181	-21.226	-4.513	16.670	31.324	31.072	14.245
1441	14.40	-13.193	-40.250	-55.742	-53.090	-32.927	-2.519	27.520	47.571	52.469	42.777
1451	14.50	23.682	2.362	-14.818	-24.179	-25.176	-19.687	-10.781	-1.575	5.501	9.066
1461	14.60	8.919	6.023	2.248	-0.239	0.110	3.336	7.606	9.774	6.821	-2.367
1471	14.70	-15.795	-28.506	-34.279	-28.327	-9.783	17.231	44.664	63.442	67.063	54.338
1481	14.80	30.024	3.019	-17.161	-24.150	-17.175	-1.193	15.296	23.797	19.291	2.246
1491	14.90	-21.547	-43.211	-54.183	-49.372	-29.303	0.139	29.621	49.627	53.775	41.032

Table 7-3-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1195 105-GR-1-19 HB. (HB.) MASAKI BRIDGE MAX. ACC. = 263.822 (GAL) T= 9.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	16.027	-12.668	-35.654	-46.074	-41.947	-26.604	-7.076	8.861	15.748	12.344
1511	15.10	1.649	-10.847	-19.779	-22.169	-18.312	-11.934	-3.821	1.112	3.827	6.253
1521	15.20	10.688	18.056	26.926	33.832	34.757	27.038	10.743	-11.122	-33.631	-51.628
1531	15.30	-61.288	-60.938	-50.989	-33.318	-10.630	13.838	36.317	52.605	58.708	52.115
1541	15.40	33.275	6.451	-20.829	-39.938	-44.318	-32.342	-8.467	18.126	37.080	41.170
1551	15.50	29.436	7.603	-14.556	-27.768	-27.605	-16.485	-2.264	5.967	2.828	-10.211
1561	15.60	-25.238	-31.856	-22.837	1.413	32.038	55.309	59.137	39.409	2.904	-34.967
1571	15.70	-56.861	-51.638	-20.005	25.208	64.573	80.934	67.482	31.095	-10.784	-38.367
1581	15.80	-38.965	-13.114	25.617	57.099	64.314	41.587	-2.580	-49.428	-78.701	-78.069
1591	15.90	-48.741	-4.718	33.825	49.793	36.692	1.078	-40.954	-71.287	-77.681	-58.525
1601	16.00	-22.591	15.595	42.300	49.974	39.341	17.761	-4.818	-20.197	-24.660	-19.305
1611	16.10	-8.389	3.117	11.516	15.230	14.524	10.669	5.124	-0.889	-6.449	-10.850
1621	16.20	-13.562	-14.282	-12.969	-9.775	-4.905	1.454	8.992	16.973	23.985	28.075
1631	16.30	27.398	21.193	10.601	-1.265	-10.256	-12.874	-7.977	2.412	13.722	20.768
1641	16.40	20.136	11.872	-0.414	-11.178	-15.548	-11.654	-1.516	9.971	17.445	17.682
1651	16.50	11.080	1.323	-6.599	-8.949	-5.084	2.332	8.821	10.466	5.933	-2.891
1661	16.60	-11.931	-17.062	-16.240	-10.511	-3.423	0.844	-0.332	-6.625	-14.859	-20.537
1671	16.70	-20.038	-12.390	0.225	13.470	22.829	25.617	22.040	14.861	7.875	3.993
1681	16.80	3.898	5.919	7.153	5.236	-0.173	-6.976	-11.546	-10.545	-2.773	9.896
1691	16.90	22.987	31.167	30.489	20.150	2.964	-15.642	-29.677	-34.809	-29.869	-17.112
1701	17.00	-1.249	12.267	19.015	16.866	6.440	-9.226	-25.574	-37.738	-41.825	-36.034
1711	17.10	-21.364	-1.616	17.474	29.896	31.388	21.093	2.134	-19.281	-36.007	-42.549
1721	17.20	-37.059	-21.879	-2.438	14.955	25.435	27.028	20.762	9.649	-2.733	-13.324
1731	17.30	-19.965	-21.268	-16.493	-5.833	8.955	24.136	34.493	35.031	23.377	1.715
1741	17.40	-23.038	-41.412	-45.313	-31.994	-6.037	21.982	39.848	39.253	19.868	-10.179
1751	17.50	-37.838	-51.131	-44.727	-22.342	5.217	25.405	29.988	18.769	-0.798	-17.767
1761	17.60	-23.368	-15.224	1.961	19.389	29.044	27.746	18.283	7.215	0.790	1.406
1771	17.70	6.581	10.921	9.804	2.521	-6.991	-12.298	-8.287	5.564	24.335	39.807
1781	17.80	44.452	35.138	14.592	-10.076	-30.890	-42.604	-44.499	-39.619	-32.157	-24.715
1791	17.90	-17.092	-7.257	6.244	22.088	35.762	41.427	35.178	17.854	-4.342	-22.064
1801	18.00	-27.015	-16.082	6.696	31.478	46.802	44.723	24.558	-6.541	-36.450	-53.123
1811	18.10	-49.638	-27.073	5.925	36.639	53.347	49.907	28.099	-3.136	-31.185	-44.649
1821	18.20	-37.764	-12.704	21.127	50.629	64.057	55.690	28.213	-8.223	-40.031	-55.731
1831	18.30	-50.692	-28.975	-1.404	19.378	24.643	13.476	-7.048	-25.479	-31.726	-22.068
1841	18.40	-0.989	21.113	33.189	29.134	10.872	-12.655	-30.064	-33.317	-21.722	-2.100
1851	18.50	14.937	20.630	12.645	-3.820	-18.945	-23.643	-14.501	4.327	23.278	32.628
1861	18.60	26.744	8.763	-12.716	-27.212	-27.975	-15.389	3.400	18.368	21.914	12.757
1871	18.70	-3.609	-18.067	-22.907	-16.010	-1.959	10.502	13.273	3.409	-15.100	-33.232
1881	18.80	-41.553	-35.141	-16.259	6.648	23.120	25.897	14.526	-4.463	-20.895	-26.081
1891	18.90	-17.147	1.618	21.031	31.715	28.827	14.421	-3.733	-16.233	-16.936	-6.146
1901	19.00	9.549	20.729	20.153	6.791	-13.234	-29.364	-31.748	-16.325	12.678	44.137
1911	19.10	64.796	65.222	44.189	9.431	-25.628	-47.648	-49.047	-31.003	-2.533	23.801
1921	19.20	37.471	34.281	17.556	-4.081	-21.045	-27.064	-21.431	-8.425	5.484	14.999
1931	19.30	18.200	16.622	13.493	11.334	10.412	8.884	4.453	-3.580	-13.209	-20.354
1941	19.40	-21.009	-13.701	-0.843	11.985	18.612	15.473	3.717	-11.003	-21.131	-20.989
1951	19.50	-9.841	7.618	22.440	27.499	19.475	1.715	-17.293	-27.894	-24.022	-6.400
1961	19.60	17.456	36.533	41.410	28.727	2.881	-25.866	-45.999	-49.892	-37.064	-14.081
1971	19.70	8.746	22.208	22.234	11.265	-3.546	-14.226	-15.966	-9.206	1.065	8.279
1981	19.80	7.876	-0.377	-12.461	-22.410	-25.535	-20.821	-11.258	-2.025	2.421	0.737
1991	19.90	-4.720	-9.376	-9.131	-2.750	7.370	16.468	19.997	16.106	6.642	-3.845

Table 7-3-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1195 105-GR-1-19 HB. (HB.) MASAKI BRIDGE MAX. ACC. = 263.822 (GAL) T= 9.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-10.531	-10.829	-5.619	1.469	6.230	6.290	2.333	-2.500	-4.681	-2.567
2011	20.10	2.476	6.821	6.797	1.069	-8.256	-16.584	-19.393	-14.994	-5.826	2.623
2021	20.20	4.847	-1.292	-12.798	-22.577	-23.020	-10.356	12.556	36.723	50.845	46.798
2031	20.30	24.020	-9.497	-40.356	-55.672	-48.983	-23.245	10.553	38.520	50.246	43.322
2041	20.40	23.903	3.153	-8.503	-6.401	6.519	21.800	30.217	26.634	12.483	-5.297
2051	20.50	-18.128	-20.326	-11.913	1.669	12.656	15.134	8.061	-4.372	-15.096	-17.910
2061	20.60	-10.621	3.969	19.607	29.704	30.392	22.003	8.448	-4.978	-14.074	-17.262
2071	20.70	-15.569	-11.386	-6.901	-3.120	0.089	3.195	6.137	8.023	7.607	4.199
2081	20.80	-1.638	-8.107	-12.957	-14.581	-12.791	-8.795	-4.436	-1.153	0.670	1.608
2091	20.90	2.456	3.398	3.695	2.181	-1.718	-7.126	-11.697	-12.657	-8.433	0.045
2101	21.00	9.271	14.578	12.495	2.822	-10.770	-22.141	-25.561	-18.675	-3.997	11.989
2111	21.10	21.818	20.713	9.091	-7.448	-20.741	-24.069	-15.549	0.809	16.979	24.824
2121	21.20	20.114	4.652	-14.560	-28.697	-31.352	-21.552	-4.099	12.867	21.820	19.366
2131	21.30	7.636	-7.000	-17.137	-17.833	-8.713	6.200	20.644	29.073	28.954	21.418
2141	21.40	10.194	-0.417	-7.440	-10.121	-9.612	-7.861	-6.431	-5.868	-5.769	-5.318
2151	21.50	-3.831	-1.006	3.145	8.435	14.479	20.452	24.876	25.770	21.343	11.047
2161	21.60	-3.562	-18.760	-29.705	-32.326	-25.248	-10.784	5.650	17.609	20.340	12.900
2171	21.70	-1.350	-16.177	-25.224	-24.801	-15.459	-1.626	10.476	15.620	11.796	0.901
2181	21.80	-12.286	-22.259	-25.035	-19.544	-7.727	6.512	18.848	25.940	26.232	20.099
2191	21.90	9.519	-2.494	-12.577	-17.791	-16.456	-8.849	2.560	13.645	19.977	18.581
2201	22.00	9.385	-4.423	-17.477	-24.431	-22.337	-12.041	2.154	14.499	20.554	19.297
2211	22.10	13.481	7.997	7.063	11.722	19.060	23.658	20.614	8.560	-9.017	-25.009
2221	22.20	-32.020	-26.192	-9.512	10.691	24.997	26.366	13.654	-7.661	-27.963	-38.031
2231	22.30	-33.424	-16.528	4.718	20.775	25.133	17.307	2.754	-10.169	-14.567	-8.458
2241	22.40	4.438	16.874	21.989	16.889	4.035	-10.208	-19.019	-18.683	-10.417	0.472
2251	22.50	7.548	6.706	-1.713	-13.245	-21.792	-22.919	-16.148	-5.084	4.637	8.409
2261	22.60	5.055	-2.691	-9.817	-11.823	-7.127	2.192	11.651	16.870	15.914	10.201
2271	22.70	3.535	-0.135	1.047	5.864	10.805	12.141	8.119	0.040	-8.358	-12.874
2281	22.80	-11.090	-3.696	5.812	12.858	14.008	8.558	-1.278	-11.564	-18.526	-20.130
2291	22.90	-16.651	-10.099	-2.998	2.761	6.431	8.202	8.591	7.955	6.408	4.114
2301	23.00	1.599	-0.257	-0.639	0.627	2.788	4.469	4.500	2.788	0.645	0.229
2311	23.10	3.289	9.879	17.859	23.623	23.822	17.239	5.758	-6.223	-13.766	-13.816
2321	23.20	-6.793	3.532	11.895	14.188	9.510	0.508	-8.163	-12.440	-11.041	-6.026
2331	23.30	-1.393	-0.516	-3.901	-8.656	-10.075	-4.575	7.671	21.993	31.028	28.352
2341	23.40	12.124	-13.225	-38.328	-52.842	-50.217	-30.969	-2.787	22.702	35.056	29.665
2351	23.50	9.731	-15.297	-34.077	-38.460	-26.970	-5.169	17.128	30.355	29.337	15.231
2361	23.60	-5.406	-23.806	-32.840	-29.823	-17.162	-0.809	12.578	18.232	15.748	7.151
2371	23.70	-2.838	-9.804	-11.196	-7.049	0.419	7.986	12.800	13.366	9.873	3.845
2381	23.80	-2.598	-7.541	-9.837	-9.295	-6.539	-2.664	1.150	3.927	5.066	4.400
2391	23.90	2.181	-0.980	-4.224	-6.620	-7.407	-6.238	-3.342	0.499	4.175	6.626
2401	24.00	7.216	5.948	3.416	0.520	-1.892	-3.301	-3.561	-2.759	-1.015	1.583
2411	24.10	4.842	8.204	10.600	10.644	7.214	0.210	-8.912	-17.256	-21.386	-18.747
2421	24.20	-9.002	5.418	19.934	29.495	30.623	22.902	9.192	-5.569	-16.458	-20.568
2431	24.30	-17.989	-11.363	-4.307	0.435	2.162	2.153	2.515	4.661	8.322	11.657
2441	24.40	12.384	9.266	3.049	-3.710	-7.885	-7.440	-2.569	4.308	9.739	10.983
2451	24.50	7.390	0.692	-5.931	-9.484	-8.616	-4.156	1.502	5.740	7.046	5.591
2461	24.60	2.855	0.578	-0.271	0.079	0.578	0.232	-1.114	-2.615	-2.979	-1.393
2471	24.70	1.797	5.113	6.747	5.669	2.401	-1.092	-2.398	-0.056	5.422	11.544
2481	24.80	14.932	13.021	5.511	-5.253	-15.080	-19.958	-17.724	-9.188	2.220	11.961
2491	24.90	16.363	14.121	6.684	-2.600	-10.076	-13.343	-12.071	-7.807	-2.964	0.405

Table 7-3-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1195 105-GR-1-19 HB. (HB.) MASAKI BRIDGE MAX. ACC. = 263.822 (GAL) T= 9.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.472	0.762	-0.396	-0.726	0.294	2.231	4.028	4.642	3.617	1.312
2511	25.10	-1.319	-3.235	-3.837	-3.237	-2.156	-1.513	-1.932	-3.418	-5.359	-6.849
2521	25.20	-7.161	-6.131	-4.245	-2.400	-1.428	-1.642	-2.635	-3.446	-3.042	-0.872
2531	25.30	2.769	6.777	9.678	10.261	8.121	3.831	-1.325	-5.924	-8.981	-10.246
2541	25.40	-10.080	-9.027	-7.359	-4.874	-1.116	4.131	10.349	16.155	19.680	19.350
2551	25.50	14.700	6.786	-2.070	-9.137	-12.368	-11.215	-6.789	-1.273	3.086	4.935
2561	25.60	4.264	2.159	0.065	-1.035	-1.070	-0.756	-1.016	-2.299	-4.236	-5.813
2571	25.70	-5.982	-4.347	-1.523	1.083	1.966	0.349	-3.309	-7.423	-9.981	-9.509
2581	25.80	-5.809	-0.114	5.455	8.853	9.050	6.468	2.735	-0.141	-0.762	0.995
2591	25.90	3.933	6.158	6.032	3.020	-1.997	-7.093	-10.169	-9.933	-6.506	-1.369
2601	26.00	3.316	5.707	5.111	2.257	-1.129	-3.227	-3.061	-0.998	1.461	2.493
2611	26.10	0.969	-2.854	-7.350	-10.277	-9.901	-5.930	0.234	6.186	9.559	9.326
2621	26.20	6.238	2.626	0.236	0.926	3.927	7.114	7.974	5.091	-0.879	-7.314
2631	26.30	-10.865	-9.227	-2.544	6.377	13.235	14.313	8.445	-2.156	-12.698	-17.955
2641	26.40	-14.766	-3.665	11.172	23.706	28.721	24.164	12.044	-2.530	-13.671	-17.303
2651	26.50	-12.814	-3.057	7.192	13.496	13.646	8.362	0.472	-6.494	-10.133	-9.930
2661	26.60	-7.081	-3.497	-0.669	0.972	1.932	2.964	4.314	5.428	5.292	3.201
2671	26.70	-0.573	-4.654	-7.142	-6.615	-3.000	2.218	6.621	8.040	5.679	0.567
2681	26.80	-4.929	-8.311	-8.241	-5.225	-1.304	1.102	0.571	-2.474	-5.943	-7.245
2691	26.90	-4.812	0.844	7.163	10.849	9.490	3.199	-5.212	-11.394	-11.590	-4.679
2701	27.00	6.928	18.114	23.317	19.210	6.504	-10.056	-23.618	-28.244	-21.654	-6.403
2711	27.10	11.102	23.333	24.909	14.939	-2.609	-20.642	-31.991	-32.398	-22.162	-5.801
2721	27.20	10.032	19.390	19.376	11.070	-1.252	-12.138	-17.280	-15.158	-7.423	2.047
2731	27.30	8.912	10.205	5.514	-2.923	-11.196	-15.371	-13.179	-5.067	5.815	14.761
2741	27.40	17.414	11.692	-1.056	-16.267	-27.789	-30.385	-22.087	-5.342	13.689	27.526
2751	27.50	30.517	21.372	3.884	-14.599	-26.326	-26.558	-15.646	1.205	16.397	23.484
2761	27.60	20.103	8.906	-3.926	-11.831	-11.094	-2.571	8.909	17.109	17.585	9.908
2771	27.70	-2.172	-12.645	-16.214	-10.826	1.464	15.610	26.018	29.027	24.261	14.328
2781	27.80	3.235	-5.534	-10.296	-11.301	-9.900	-7.435	-4.562	-1.308	2.334	5.849
2791	27.90	8.169	8.261	5.946	2.341	-0.507	-0.712	2.220	6.800	10.079	9.176
2801	28.00	3.024	-6.640	-15.724	-19.602	-15.474	-4.042	10.434	21.882	25.194	18.697
2811	28.10	5.089	-9.693	-19.159	-19.252	-10.193	3.671	15.926	21.060	16.928	5.587
2821	28.20	-7.813	-17.481	-19.593	-13.867	-3.443	6.733	12.221	10.981	4.071	-5.088
2831	28.30	-12.423	-15.065	-12.532	-6.756	-1.024	1.639	-0.093	-5.231	-10.927	-13.799
2841	28.40	-11.546	-4.134	6.007	14.904	18.737	15.589	6.448	-5.033	-14.016	-16.579
2851	28.50	-11.514	-0.978	10.376	17.447	16.998	9.163	-2.585	-13.014	-17.536	-14.289
2861	28.60	-4.920	6.280	14.449	16.382	11.864	3.501	-4.764	-9.617	-9.818	-6.450
2871	28.70	-1.970	1.289	2.307	1.639	0.709	0.674	1.601	2.476	2.003	-0.343
2881	28.80	-3.719	-6.224	-5.967	-2.304	3.560	9.008	11.331	9.213	3.522	-3.082
2891	28.90	-7.558	-8.128	-5.243	-1.275	0.909	-0.320	-4.311	-8.436	-9.608	-6.181
2901	29.00	0.876	8.265	12.045	9.827	2.258	-7.081	-13.411	-13.249	-6.318	4.179
2911	29.10	13.137	16.184	11.983	2.957	-5.965	-9.955	-6.853	1.669	10.974	15.919
2921	29.20	13.589	4.868	-5.986	-13.544	-14.012	-7.174	3.523	12.769	16.091	12.054
2931	29.30	2.835	-7.049	-13.125	-13.180	-8.165	-1.413	3.315	3.844	0.561	-4.075
2941	29.40	-7.147	-7.021	-4.224	-1.003	0.151	-1.892	-6.114	-9.850	-10.323	-6.328
2951	29.50	0.893	8.120	11.768	9.781	2.795	-6.091	-12.825	-14.445	-10.560	-3.525
2961	29.60	2.804	5.060	2.078	-4.540	-11.292	-14.576	-12.495	-5.750	2.801	9.628
2971	29.70	12.260	10.373	5.725	1.064	-1.363	-0.891	1.423	3.594	3.929	1.984
2981	29.80	-1.260	-4.043	-4.885	-3.432	-0.628	1.861	2.626	1.308	-1.217	-3.363
2991	29.90	-3.745	-1.958	1.214	4.268	5.828	5.405	3.631	1.850	1.332	2.541

Table 7-3-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1195 105-GR-1-19 HB. (HB.) MASAKI BRIDGE MAX. ACC. = 263.822 (GAL) T= 9.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	4.895	7.122	7.998	7.048	4.791	2.418	1.096	1.299	2.561	3.780
3011	30.10	3.885	2.482	0.094	-2.142	-3.139	-2.499	-0.746	0.983	1.631	0.891
3021	30.20	-0.542	-1.317	-0.200	3.131	7.723	11.657	12.914	10.395	4.564	-2.605
3031	30.30	-8.425	-10.659	-8.534	-3.123	3.083	7.241	7.382	3.259	-3.532	-10.230
3041	30.40	-14.064	-13.410	-8.455	-1.105	5.816	9.729	9.338	5.115	-0.957	-6.272
3051	30.50	-8.716	-7.535	-3.580	1.158	4.497	5.040	2.739	-1.209	-5.054	-7.375
3061	30.60	-7.715	-6.624	-5.137	-4.005	-3.166	-1.790	1.078	5.671	10.964	14.888
3071	30.70	15.287	11.171	3.574	-4.580	-9.673	-9.150	-3.014	5.976	13.341	15.059
3081	30.80	9.642	-0.916	-11.895	-18.050	-16.203	-6.908	5.693	15.830	18.926	13.858
3091	30.90	3.486	-6.843	-12.058	-9.974	-2.376	5.977	9.938	6.750	-2.430	-13.091
3101	31.00	-19.723	-18.726	-10.325	1.525	11.200	14.349	10.146	1.666	-5.827	-7.756
3111	31.10	-2.748	6.565	14.902	17.148	11.153	-0.963	-13.706	-20.875	-18.670	-7.644
3121	31.20	7.458	19.904	24.140	18.349	5.200	-9.509	-19.595	-21.261	-14.604	-3.240
3131	31.30	7.635	13.712	13.372	8.053	1.155	-3.822	-4.946	-2.544	1.297	4.041
3141	31.40	4.064	1.402	-2.435	-5.387	-5.968	-3.998	-0.618	2.377	3.484	2.249
3151	31.50	-0.550	-3.321	-4.467	-3.155	0.289	4.540	7.871	8.900	7.162	3.254
3161	31.60	-1.452	-5.397	-7.433	-7.207	-5.189	-2.377	0.141	1.595	1.734	0.792
3171	31.70	-0.713	-2.220	-3.301	-3.714	-3.384	-2.365	-0.846	0.814	2.101	2.458
3181	31.80	1.534	-0.559	-3.115	-4.979	-4.990	-2.574	1.812	6.653	9.883	9.780
3191	31.90	5.866	-0.667	-7.285	-11.154	-10.462	-5.397	1.751	7.521	8.871	4.716
3201	32.00	-3.368	-11.693	-16.096	-13.937	-5.510	5.870	15.222	18.144	12.891	1.322
3211	32.10	-11.805	-20.893	-22.008	-14.646	-1.970	10.624	17.918	17.156	9.163	-2.189
3221	32.20	-11.855	-15.914	-13.233	-5.753	2.629	7.995	8.187	3.642	-3.043	-8.492
3231	32.30	-10.166	-7.427	-1.626	4.731	9.229	10.579	8.982	5.739	2.428	0.103
3241	32.40	-1.070	-1.636	-2.304	-3.390	-4.583	-5.137	-4.364	-2.128	0.937	3.631
3251	32.50	4.712	3.493	0.215	-3.976	-7.462	-8.803	-7.336	-3.478	1.397	5.464
3261	32.60	7.160	5.816	1.982	-2.734	-6.258	-6.899	-4.105	1.187	6.827	10.279
3271	32.70	9.728	4.961	-2.389	-9.427	-13.221	-12.137	-6.667	0.711	6.624	8.397
3281	32.80	5.372	-0.717	-6.559	-8.925	-6.356	-0.014	6.802	10.291	8.155	0.934
3291	32.90	-8.061	-14.262	-14.101	-6.879	4.729	15.838	21.647	19.728	11.169	-0.024
3301	33.00	-8.935	-12.130	-9.214	-2.765	3.243	5.670	3.854	-0.183	-3.051	-2.065
3311	33.10	3.098	10.104	15.186	15.237	9.591	0.501	-7.970	-12.054	-10.235	-3.981
3321	33.20	3.160	7.449	7.159	3.256	-1.202	-2.977	-0.621	4.591	9.350	10.236
3331	33.30	5.809	-2.345	-10.278	-13.743	-10.574	-2.043	7.597	13.215	11.501	2.801
3341	33.40	-8.890	-17.868	-19.473	-12.622	-0.209	12.232	19.279	18.255	10.415	0.158
3351	33.50	-7.299	-8.533	-3.502	4.655	11.389	13.110	8.916	0.859	-7.281	-11.959
3361	33.60	-11.545	-6.871	-0.528	4.606	6.762	5.886	3.281	0.618	-1.024	-1.571
3371	33.70	-1.664	-1.976	-2.630	-3.109	-2.677	-1.016	1.404	3.474	4.079	2.863
3381	33.80	0.277	-2.103	-2.941	-1.659	1.121	3.888	5.080	3.983	1.163	-1.826
3391	33.90	-3.316	-2.479	0.190	3.137	4.620	3.689	0.717	-2.830	-5.226	-5.450
3401	34.00	-3.713	-1.253	0.472	0.687	-0.257	-1.159	-0.823	1.064	3.592	5.085
3411	34.10	4.134	0.596	-4.085	-7.511	-7.637	-4.049	1.575	6.166	6.845	2.576
3421	34.20	-5.061	-12.482	-15.876	-13.246	-5.626	3.269	8.866	8.131	1.288	-8.121
3431	34.30	-14.948	-15.091	-7.736	4.038	14.683	18.960	14.675	3.931	-7.811	-14.430
3441	34.40	-12.275	-2.102	11.182	20.906	21.953	13.351	-1.182	-15.017	-21.837	-18.678
3451	34.50	-7.298	6.780	17.026	19.053	12.595	1.388	-8.885	-13.482	-10.834	-3.068
3461	34.60	5.345	10.017	8.844	2.891	-4.406	-9.180	-9.158	-4.711	1.540	6.248
3471	34.70	7.130	4.073	-0.967	-5.134	-6.222	-3.772	0.807	5.086	6.913	5.460
3481	34.80	1.528	-2.985	-6.072	-6.543	-4.439	-0.824	2.836	5.322	6.042	5.043
3491	34.90	2.773	-0.163	-3.139	-5.509	-6.616	-5.932	-3.315	0.754	5.154	8.447

Table 7-3-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1195 105-GR-1-19 HB. (HB.) MASAKI BRIDGE MAX. ACC. = 263.822 (GAL) T= 9.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	9.456	7.817	4.214	0.109	-2.935	-3.997	-3.218	-1.654	-0.632	-0.963
3511	35.10	-2.448	-3.999	-4.293	-2.626	0.552	3.748	5.186	3.804	-0.040	-4.605
3521	35.20	-7.563	-7.197	-3.357	2.336	7.201	8.792	6.127	0.233	-6.298	-10.542
3531	35.30	-10.641	-6.697	-0.697	4.457	6.362	4.237	-0.744	-6.075	-9.147	-8.476
3541	35.40	-4.355	1.358	6.161	8.068	6.462	2.266	-2.581	-6.058	-6.943	-5.258
3551	35.50	-2.129	0.812	2.180	1.403	-1.102	-4.186	-6.476	-6.936	-5.244	-1.890
3561	35.60	2.023	5.165	6.433	5.321	2.102	-2.233	-6.269	-8.626	-8.424	-5.624
3571	35.70	-1.086	3.687	7.057	7.836	5.730	1.461	-3.495	-7.459	-9.172	-8.241
3581	35.80	-5.232	-1.374	1.989	3.945	4.343	3.744	3.055	3.027	3.860	5.116
3591	35.90	5.975	5.711	4.122	1.709	-0.530	-1.585	-0.971	0.968	3.163	4.312
3601	36.00	3.537	0.871	-2.681	-5.566	-6.412	-4.707	-1.088	2.923	5.622	5.930
3611	36.10	3.900	0.681	-2.058	-2.934	-1.499	1.606	5.021	7.375	7.914	6.747
3621	36.20	4.605	2.301	0.223	-1.797	-4.197	-7.150	-10.151	-12.044	-11.544	-7.995
3631	36.30	-1.945	4.852	10.090	11.943	9.950	5.284	0.208	-3.021	-3.249	-0.953
3641	36.40	2.089	3.807	2.991	-0.044	-3.636	-5.702	-4.908	-1.422	3.145	6.597
3651	36.50	7.329	5.166	1.424	-1.852	-3.017	-1.703	1.053	3.473	4.103	2.651
3661	36.60	0.116	-1.856	-2.011	-0.287	2.106	3.390	2.321	-0.982	-4.971	-7.454
3671	36.70	-6.814	-2.976	2.443	6.929	8.383	6.242	1.788	-2.549	-4.504	-3.198
3681	36.80	0.414	4.099	5.597	3.862	-0.394	-5.132	-8.129	-8.180	-5.674	-2.256
3691	36.90	0.194	0.662	-0.490	-1.855	-1.947	-0.191	2.677	5.054	5.476	3.585
3701	37.00	0.437	-2.074	-2.347	-0.102	3.345	5.774	5.360	1.828	-3.226	-7.115
3711	37.10	-7.531	-3.903	2.154	7.613	9.637	7.143	1.442	-4.438	-7.392	-5.944
3721	37.20	-1.056	4.422	7.382	6.233	1.811	-3.108	-5.457	-3.721	1.072	5.858
3731	37.30	7.288	3.762	-3.442	-10.657	-13.757	-10.509	-2.036	7.508	12.976	10.954
3741	37.40	1.738	-10.564	-19.940	-21.465	-13.832	-0.105	13.738	21.732	20.822	12.263
3751	37.50	0.820	-7.765	-9.688	-4.873	3.250	9.768	10.977	6.280	-1.667	-8.574
3761	37.60	-10.933	-7.888	-1.573	4.218	6.226	3.535	-1.998	-6.886	-8.069	-4.672
3771	37.70	1.487	6.938	8.546	5.306	-1.052	-6.996	-9.145	-6.166	0.448	7.142
3781	37.80	10.206	7.790	0.922	-7.005	-12.018	-11.649	-6.210	1.397	7.244	8.446
3791	37.90	4.651	-1.829	-7.295	-8.630	-4.938	2.022	8.793	12.037	10.246	4.464
3801	38.00	-2.338	-6.848	-7.130	-3.560	1.470	4.886	4.587	0.539	-5.229	-9.710
3811	38.10	-10.486	-6.968	-0.691	5.478	8.777	7.894	3.557	-1.900	-5.742	-6.181
3821	38.20	-3.206	1.502	5.478	6.723	4.666	0.389	-3.972	-6.306	-5.554	-2.165
3831	38.30	2.181	5.438	6.179	4.226	0.656	-2.808	-4.647	-4.250	-2.109	0.536
3841	38.40	2.377	2.693	1.642	0.055	-1.096	-1.279	-0.689	-0.102	-0.378	-1.891
3851	38.50	-4.219	-6.272	-6.817	-5.143	-1.514	2.849	6.258	7.324	5.610	1.861
3861	38.60	-2.315	-5.168	-5.593	-3.614	-0.329	2.624	3.845	2.808	0.066	-3.036
3871	38.70	-5.006	-4.867	-2.585	0.981	4.478	6.641	6.781	4.985	1.987	-1.189
3881	38.80	-3.624	-4.791	-4.638	-3.499	-1.915	-0.445	0.477	0.619	-0.012	-1.184
3891	38.90	-2.496	-3.495	-3.822	-3.350	-2.242	-0.887	0.265	0.904	0.989	0.723
3901	39.00	0.399	0.191	0.030	-0.343	-1.165	-2.394	-3.583	-4.006	-3.013	-0.462
3911	39.10	3.034	6.229	7.731	6.676	3.240	-1.297	-5.042	-6.332	-4.554	-0.507
3921	39.20	3.906	6.558	6.133	2.812	-1.765	-5.271	-5.842	-3.045	1.849	6.438
3931	39.30	8.359	6.471	1.479	-4.358	-8.283	-8.370	-4.464	1.723	7.418	10.099
3941	39.40	8.666	3.917	-1.884	-6.114	-7.016	-4.456	0.126	4.491	6.689	5.913
3951	39.50	2.744	-1.280	-4.474	-5.776	-5.096	-3.147	-0.930	0.814	1.875	2.485
3961	39.60	2.982	3.488	3.807	3.607	2.731	1.426	0.302	0.017	0.873	2.548
3971	39.70	4.175	4.737	3.601	0.894	-2.490	-5.276	-6.393	-5.478	-3.023	-0.120
3981	39.80	2.077	2.875	2.302	0.992	-0.212	-0.699	-0.362	0.447	1.191	1.483
3991	39.90	1.282	0.850	0.531	0.505	0.673	0.753	0.510	-0.042	-0.587	-0.677

Table 7-3-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1195 105-GR-1-19 HB. (HB.) MASAKI BRIDGE MAX. ACC. = 263.822 (GAL) T= 9.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.008	1.340	2.872	3.889	3.831	2.593	0.617	-1.284	-2.300	-1.993
4011	40.10	-0.495	1.570	3.388	4.313	4.123	3.046	1.593	0.288	-0.548	-0.867
4021	40.20	-0.827	-0.644	-0.472	-0.372	-0.349	-0.422	-0.635	-1.025	-1.549	-2.048
4031	40.30	-2.295	-2.104	-1.452	-0.529	0.320	0.756	0.602	-0.070	-0.987	-1.828
4041	40.40	-2.386	-2.650	-2.750	-2.814	-2.819	-2.550	-1.717	-0.159	1.970	4.155
4051	40.50	5.687	5.955	4.749	2.389	-0.379	-2.693	-3.935	-3.976	-3.175	-2.152
4061	40.60	-1.463	-1.337	-1.614	-1.895	-1.815	-1.262	-0.447	0.227	0.396	-0.056
4071	40.70	-0.936	-1.851	-2.413	-2.419	-1.922	-1.139	-0.306	0.459	1.167	1.874
4081	40.80	2.549	3.022	3.044	2.452	1.330	0.045	-0.885	-1.048	-0.381	0.758
4091	40.90	1.738	1.984	1.305	0.028	-1.146	-1.516	-0.796	0.681	2.086	2.523
4101	41.00	1.529	-0.608	-2.940	-4.311	-3.987	-2.098	0.345	1.914	1.509	-1.017
4111	41.10	-4.672	-7.726	-8.531	-6.360	-1.846	3.237	6.759	7.225	4.491	-0.163
4121	41.20	-4.629	-6.961	-6.269	-3.080	0.984	4.052	4.921	3.586	1.149	-0.843
4131	41.30	-1.245	0.084	2.241	3.799	3.603	1.407	-1.967	-5.042	-6.432	-5.543
4141	41.40	-2.861	0.308	2.487	2.739	1.074	-1.637	-4.155	-5.497	-5.365	-4.179
4151	41.50	-2.726	-1.664	-1.158	-0.851	-0.167	1.253	3.237	5.092	5.941	5.208
4161	41.60	2.989	0.083	-2.333	-3.253	-2.330	-0.054	2.461	4.004	3.827	1.995
4171	41.70	-0.648	-2.873	-3.636	-2.569	-0.041	2.839	4.825	5.307	3.977	1.550
4181	41.80	-0.865	-2.180	-1.772	0.260	3.143	5.744	7.027	6.464	4.240	1.180
4191	41.90	-1.571	-2.999	-2.619	-0.661	2.022	4.291	5.181	4.274	1.859	-1.202
4201	42.00	-3.831	-5.174	-4.917	-3.365	-1.256	0.599	1.669	1.899	1.653	1.464
4211	42.10	1.705	2.365	3.038	3.125	2.164	0.116	-2.544	-4.971	-6.288	-5.960
4221	42.20	-4.045	-1.194	1.590	3.351	3.561	2.328	0.337	-1.439	-2.150	-1.426
4231	42.30	0.472	2.753	4.428	4.712	3.553	0.727	-2.312	-4.792	-6.007	-5.788
4241	42.40	-4.536	-3.002	-1.941	-1.766	-2.395	-3.319	-3.878	-3.595	-2.408	-0.696
4251	42.50	0.910	1.831	1.817	1.053	0.060	-0.550	-0.345	0.753	2.472	4.333
4261	42.60	5.855	6.716	6.807	6.191	5.019	3.474	1.766	0.159	-1.031	-1.503
4271	42.70	-1.098	0.079	1.626	2.949	3.485	2.940	1.427	-0.581	-2.668	-3.755
4281	42.80	-4.303	-4.323	-4.201	-4.242	-4.472	-4.631	-4.352	-3.431	-2.010	-0.555
4291	42.90	0.378	0.666	-0.163	-0.954	-1.217	-0.526	0.979	2.598	3.395	2.695
4301	43.00	0.503	-2.410	-4.822	-5.637	-4.435	-1.703	1.381	3.523	3.953	2.790
4311	43.10	0.948	-0.371	-0.339	1.044	2.954	4.186	3.823	1.760	-1.205	-3.762
4321	43.20	-4.765	-3.829	-1.533	0.877	2.144	1.651	-0.268	-2.517	-3.830	-3.450
4331	43.30	-1.524	0.975	2.776	2.978	1.534	-0.732	-2.550	-2.871	-1.401	1.252
4341	43.40	3.895	5.353	5.045	3.234	0.847	-1.024	-1.673	-1.093	0.094	1.021
4351	43.50	1.071	0.205	-1.042	-1.860	-1.610	-0.171	1.993	4.043	5.158	4.893
4361	43.60	3.339	1.039	-1.274	-2.978	-3.754	-3.613	-2.789	-1.590	-0.288	0.904
4371	43.70	1.813	2.279	2.188	1.544	0.532	-0.498	-1.162	-1.122	-0.441	0.574
4381	43.80	1.394	1.527	0.764	-0.681	-2.239	-3.225	-3.154	-1.984	-0.153	1.598
4391	43.90	2.556	2.364	1.181	-0.383	-1.546	-1.709	-0.732	1.005	2.771	3.812
4401	44.00	3.685	2.453	0.643	-0.992	-1.813	-1.579	-0.546	0.658	1.313	0.942
4411	44.10	-0.476	-2.481	-4.322	-5.274	-4.939	-3.416	-1.260	0.748	1.914	1.909
4421	44.20	0.878	-0.638	-1.955	-2.533	-2.192	-1.161	0.063	0.963	1.250	0.996
4431	44.30	0.572	0.441	0.884	1.813	2.763	3.092	2.306	0.361	-2.212	-4.451
4441	44.40	-5.338	-4.262	-1.354	2.467	5.806	7.343	6.392	3.236	-0.959	-4.605
4451	44.50	-6.360	-5.700	-3.126	0.080	2.444	2.968	1.548	-1.035	-3.546	-4.920
4461	44.60	-4.751	-3.422	-1.808	-0.734	-0.489	-0.683	-0.512	0.696	2.975	5.565
4471	44.70	7.217	6.840	4.167	-0.069	-4.201	-6.551	-6.163	-3.325	0.527	3.482
4481	44.80	4.094	2.088	-1.497	-4.836	-6.233	-4.966	-1.619	2.247	4.912	5.372
4491	44.90	3.799	1.377	-0.392	-0.527	0.921	2.930	4.117	3.531	1.208	-1.831

Table 7-3-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1195 105-GR-1-19 HB. (HB.) MASAKI BRIDGE MAX. ACC. = 263.822 (GAL) T= 9.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-4.123	-4.554	-2.954	-0.191	2.302	3.280	2.328	0.046	-2.311	-3.523
4511	45.10	-3.038	-1.216	0.927	2.314	2.395	1.397	0.125	-0.562	-0.279	0.666
4521	45.20	1.465	1.328	-0.016	-2.095	-3.904	-4.430	-3.209	-0.694	2.349	4.443
4531	45.30	4.887	3.672	1.537	-0.438	-1.387	-1.062	0.088	1.202	1.469	0.535
4541	45.40	-1.345	-3.452	-4.961	-5.297	-4.358	-2.503	-0.377	1.348	2.179	1.928
4551	45.50	0.727	-1.017	-2.715	-3.737	-3.574	-2.034	0.636	3.747	6.347	7.559
4561	45.60	6.887	4.528	1.255	-1.830	-3.740	-3.996	-2.785	-0.825	0.996	2.010
4571	45.70	2.020	1.290	0.319	-0.452	-0.838	-0.923	-0.909	-0.934	-0.977	-0.910
4581	45.80	-0.652	-0.286	-0.057	-0.205	-0.764	-1.436	-1.694	-1.063	0.557	2.711
4591	45.90	4.523	5.087	3.952	1.431	-1.473	-3.502	-3.755	-2.153	0.491	2.866
4601	46.00	3.824	2.968	0.861	-1.271	-2.181	-1.266	1.107	3.776	5.372	5.010
4611	46.10	2.728	-0.555	-3.512	-5.053	-4.808	-3.203	-1.135	0.544	1.436	1.687
4621	46.20	1.739	1.940	2.261	2.320	1.669	0.189	-1.706	-3.187	-3.426	-2.081
4631	46.30	0.434	3.081	4.677	4.497	2.651	0.045	-2.080	-2.776	-1.864	0.016
4641	46.40	1.789	2.548	2.046	0.798	-0.257	-0.336	0.701	2.238	3.239	2.851
4651	46.50	0.936	-1.777	-4.020	-4.639	-3.217	-0.331	2.699	4.460	4.156	2.002
4661	46.60	-0.890	-3.077	-3.513	-2.056	0.494	2.836	3.840	3.107	1.135	-0.986
4671	46.70	-2.154	-1.823	-0.255	1.654	2.851	2.666	1.124	-1.104	-3.064	-3.990
4681	46.80	-3.647	-2.385	-0.908	0.087	0.238	-0.376	-1.337	-2.135	-2.407	-2.056
4691	46.90	-1.227	-0.175	0.856	1.694	2.217	2.308	1.837	0.727	-0.949	-2.887
4701	47.00	-4.579	-5.466	-5.165	-3.673	-1.433	0.788	2.178	2.204	0.836	-1.423
4711	47.10	-3.731	-5.232	-5.383	-4.154	-2.004	0.329	2.136	3.002	2.937	2.305
4721	47.20	1.618	1.285	1.429	1.854	2.169	1.996	1.177	-0.132	-1.521	-2.508
4731	47.30	-2.763	-2.271	-1.344	-0.485	-0.152	-0.543	-1.493	-2.545	-3.157	-2.962
4741	47.40	-1.940	-0.441	0.966	1.747	1.637	0.751	-0.483	-1.524	-1.959	-1.675
4751	47.50	-0.883	0.006	0.583	0.622	0.170	-0.499	-1.018	-1.084	-0.583	0.387
4761	47.60	1.560	2.601	3.206	3.188	2.522	1.355	-0.015	-1.208	-1.865	-1.771
4771	47.70	-0.951	0.307	1.528	2.228	2.121	1.261	0.044	-0.950	-1.221	-0.599
4781	47.80	0.656	1.951	2.631	2.299	1.016	-0.704	-2.140	-2.704	-2.230	-1.051
4791	47.90	0.178	0.821	0.587	-0.311	-1.273	-1.628	-1.004	0.459	2.153	3.294
4801	48.00	3.320	2.191	0.430	-1.118	-1.689	-0.980	0.690	2.527	3.628	3.414
4811	48.10	1.905	-0.285	-2.232	-3.137	-2.690	-1.208	0.524	1.630	1.563	0.368
4821	48.20	-1.332	-2.622	-2.732	-1.421	0.876	3.200	4.479	4.015	1.837	-1.247
4831	48.30	-3.946	-5.007	-3.766	-0.476	3.744	7.324	8.876	7.773	4.426	0.119
4841	48.40	-3.523	-5.217	-4.561	-2.176	0.601	2.336	2.155	0.131	-2.786	-5.232
4851	48.50	-6.088	-5.001	-2.531	0.157	1.877	2.011	0.802	-0.793	-1.613	-0.904
4861	48.60	1.270	4.031	6.101	6.425	4.694	1.509	-1.899	-4.250	-4.804	-3.685
4871	48.70	-1.773	-0.234	0.080	-0.954	-2.687	-4.050	-4.123	-2.623	-0.072	2.438
4881	48.80	3.770	3.291	1.193	-1.595	-3.826	-4.515	-3.380	-0.954	1.677	3.384
4891	48.90	3.498	2.084	-0.132	-2.124	-3.041	-2.564	-1.000	0.915	2.382	2.893
4901	49.00	2.417	1.340	0.227	-0.462	-0.565	-0.229	0.227	0.519	0.551	0.432
4911	49.10	0.369	0.513	0.843	1.168	1.238	0.909	0.250	-0.461	-0.867	-0.716
4921	49.20	-0.010	0.976	1.806	2.087	1.657	0.663	-0.499	-1.370	-1.625	-1.203
4931	49.30	-0.310	0.707	1.530	2.006	2.173	2.188	2.197	2.229	2.181	1.885
4941	49.40	1.236	0.288	-0.732	-1.509	-1.784	-1.485	-0.763	0.067	0.669	0.846
4951	49.50	0.614	0.184	-0.154	-0.189	0.111	0.577	0.931	0.928	0.488	-0.261
4961	49.60	-1.024	-1.477	-1.405	-0.802	0.131	1.074	1.722	1.909	1.664	1.177
4971	49.70	0.698	0.422	0.405	0.556	0.707	0.706	0.512	0.210	-0.034	-0.074
4981	49.80	0.116	0.408	0.560	0.337	-0.352	-1.377	-2.407	-3.036	-2.973	-2.190
4991	49.90	-0.971	0.199	0.839	0.709	-0.056	-0.978	-1.435	-0.954	0.547	2.677

Table 7-3-11

TABLE OF CORRECTED ACCELERATION RECORD

NO.11

INDEX NO. 1195 105-GR-1-19 HB. (HB.) MASAKI BRIDGE MAX. ACC. = 263.822 (GAL) T= 9.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	4.697	5.820	5.534	3.832	1.223	-1.473	-3.457	-4.258	-3.888	-2.786
5011	50.10	-1.576	-0.776	-0.586	-0.843	-1.154	-1.127	-0.579	0.374	1.379	2.027
5021	50.20	2.050	1.444	0.471	-0.464	-0.979	-0.873	-0.192	0.799	1.712	2.169
5031	50.30	1.914	0.889	-0.741	-2.617	-4.259	-5.184	-5.050	-3.787	-1.665	0.740
5041	50.40	2.709	3.620	3.191	1.610	-0.514	-2.374	-3.293	-3.000	-1.745	-0.179
5051	50.50	0.946	1.122	0.309	-1.056	-2.290	-2.804	-2.386	-1.293	-0.102	0.598
5061	50.60	0.511	-0.231	-1.159	-1.738	-1.672	-1.062	-0.340	-0.005	-0.319	-1.131
5071	50.70	-1.942	-2.184	-1.563	-0.276	1.047	1.648	1.058	-0.608	-2.655	-4.123
5081	50.80	-4.274	-3.003	-0.929	0.872	1.405	0.276	-2.072	-4.539	-5.894	-5.384
5091	50.90	-3.120	-0.036	2.565	3.645	2.941	1.064	-0.829	-1.643	-0.905	1.009
5101	51.00	3.100	4.282	3.966	2.358	0.331	-1.050	-1.116	0.052	1.669	2.678
5111	51.10	2.330	0.602	-1.773	-3.680	-4.211	-3.139	-1.049	0.967	1.876	1.237
5121	51.20	-0.569	-2.540	-3.572	-3.022	-1.034	1.540	3.579	4.240	3.364	1.510
5131	51.30	-0.358	-1.378	-1.202	-0.126	1.120	1.794	1.544	0.581	-0.459	-0.875
5141	51.40	-0.287	1.158	2.856	4.054	4.232	3.354	1.877	0.506	-0.154	0.107
5151	51.50	1.014	1.962	2.321	1.753	0.379	-1.270	-2.484	-2.693	-1.712	0.175
5161	51.60	2.331	4.018	4.679	4.136	2.640	0.746	-0.907	-1.840	-1.893	-1.252
5171	51.70	-0.543	0.371	0.585	0.268	-0.343	-0.875	-1.007	-0.629	0.097	0.812
5181	51.80	1.133	0.843	0.012	-1.009	-1.738	-1.760	-0.919	0.609	2.382	3.857
5191	51.90	4.599	4.427	3.455	2.024	0.564	-0.547	-1.079	-0.987	-0.387	0.491
5201	52.00	1.361	1.943	2.033	1.572	0.681	-0.344	-1.128	-1.360	-0.943	-0.076
5211	52.10	0.807	1.218	0.855	-0.211	-1.524	-2.422	-2.353	-1.172	0.734	2.573
5221	52.20	3.497	3.012	1.243	-1.080	-2.938	-3.489	-2.474	-0.338	1.969	3.453
5231	52.30	3.540	2.335	0.533	-0.955	-1.481	-0.977	0.040	0.777	0.617	-0.528
5241	52.40	-2.161	-3.464	-3.747	-2.832	-1.164	0.415	1.106	0.583	-0.837	-2.362
5251	52.50	-3.155	-2.787	-1.459	0.106	1.077	0.978	-0.030	-1.229	-1.740	-1.019
5261	52.60	0.794	2.903	4.229	3.970	2.031	-0.886	-3.603	-5.028	-4.678	-2.902
5271	52.70	-0.686	0.853	1.019	-0.139	-1.897	-3.255	-3.463	-2.380	-0.512	1.294
5281	52.80	2.306	2.268	1.483	0.592	0.182	0.459	1.158	1.737	1.718	0.989
5291	52.90	-0.128	-1.063	-1.344	-0.885	-0.052	0.549	0.435	-0.431	-1.572	-2.222
5301	53.00	-1.747	-0.040	2.349	4.415	5.175	4.164	1.697	-1.235	-3.422	-4.000
5311	53.10	-2.866	-0.720	1.276	2.072	1.234	-0.844	-3.145	-4.512	-4.210	-2.259
5321	53.20	0.586	3.199	4.609	4.415	2.922	0.948	-0.598	-1.127	-0.608	0.489
5331	53.30	1.475	1.799	1.307	0.271	-0.777	-1.338	-1.192	-0.485	0.359	0.871
5341	53.40	0.761	0.058	-0.917	-1.706	-1.927	-1.434	-0.376	0.871	1.861	2.238
5351	53.50	1.863	0.838	-0.531	-1.844	-2.724	-2.918	-2.367	-1.221	0.196	1.468
5361	53.60	2.202	2.150	1.300	-0.111	-1.654	-2.855	-3.356	-3.045	-2.096	-0.884
5371	53.70	0.144	0.751	0.815	0.529	0.185	0.034	0.158	0.441	0.656	0.618
5381	53.80	0.310	-0.085	-0.282	-0.072	0.521	1.199	1.510	1.080	-0.158	-1.858
5391	53.90	-3.369	-4.010	-3.405	-1.695	0.477	2.231	2.850	2.119	0.435	-1.363
5401	54.00	-2.396	-2.152	-0.737	1.196	2.763	3.288	2.620	1.182	-0.263	-1.019
5411	54.10	-0.804	0.125	1.131	1.561	1.097	-0.072	-1.357	-2.091	-1.891	-0.861
5421	54.20	0.462	1.388	1.442	0.606	-0.677	-1.738	-2.025	-1.376	-0.085	1.272
5431	54.30	2.128	2.190	1.546	0.555	-0.376	-1.012	-1.371	-1.639	-1.989	-2.414
5441	54.40	-2.697	-2.528	-1.712	-0.334	1.227	2.440	2.877	2.421	1.329	0.100
5451	54.50	-0.766	-1.016	-0.740	-0.290	-0.068	-0.290	-0.870	-1.478	-1.737	-1.437
5461	54.60	-0.671	0.217	0.801	0.807	0.250	-0.570	-1.227	-1.377	-0.926	-0.056
5471	54.70	0.883	1.557	1.798	1.654	1.323	1.014	0.829	0.723	0.563	0.245
5481	54.80	-0.217	-0.671	-0.899	-0.743	-0.202	0.549	1.229	1.583	1.497	1.039
5491	54.90	0.410	-0.172	-0.581	-0.837	-1.068	-1.404	-1.872	-2.344	-2.576	-2.330

Table 7-3-12

TABLE OF CORRECTED ACCELERATION RECORD

NO.12

INDEX NO. 1195 105-GR-1-19 HB. (HB.) MASAKI BRIDGE MAX. ACC. = 263.822 (GAL) T= 9.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.512	-0.253	1.103	2.122	2.457	2.002	0.950	-0.273	-1.180	-1.425
5511	55.10	-0.953	-0.024	0.895	1.336	1.035	0.062	-1.202	-2.218	-2.519	-1.913
5521	55.20	-0.574	1.017	2.276	2.749	2.304	1.177	-0.128	-1.054	-1.217	-0.555
5531	55.30	0.670	1.997	2.965	3.299	2.990	2.268	1.479	0.883	0.635	0.669
5541	55.40	0.807	0.865	0.754	0.526	0.341	0.378	0.737	1.362	2.049	2.508
5551	55.50	2.483	1.862	0.749	-0.545	-1.601	-2.041	-1.686	-0.651	0.665	1.706
5561	55.60	1.970	1.213	-0.426	-2.452	-4.187	-5.030	-4.697	-3.328	-1.420	0.388
5571	55.70	1.590	2.005	1.809	1.395	1.142	1.209	1.470	1.617	1.376	0.705
5581	55.80	-0.143	-0.728	-0.671	0.110	1.304	2.329	2.615	1.918	0.490	-0.996
5591	55.90	-1.755	-1.276	0.392	2.617	4.459	5.095	4.214	2.175	-0.157	-1.812
5601	56.00	-2.168	-1.231	0.391	1.804	2.267	1.544	-0.002	-1.613	-2.520	-2.320
5611	56.10	-1.151	0.398	1.599	1.937	1.336	0.155	-1.029	-1.729	-1.775	-1.370
5621	56.20	-0.940	-0.892	-1.398	-2.314	-3.277	-3.900	-3.960	-3.483	-2.699	-1.891
5631	56.30	-1.247	-0.786	-0.404	0.017	0.493	0.902	1.047	0.782	0.134	-0.673
5641	56.40	-1.294	-1.429	-0.971	-0.083	0.863	1.446	1.389	0.683	-0.405	-1.450
5651	56.50	-2.057	-2.023	-1.413	-0.513	0.303	0.736	0.672	0.208	-0.406	-0.891
5661	56.60	-1.043	-0.816	-0.320	0.224	0.570	0.541	0.093	-0.657	-1.452	-1.981
5671	56.70	-1.977	-1.340	-0.198	1.098	2.074	2.306	1.598	0.093	-1.738	-3.250
5681	56.80	-3.868	-3.317	-1.754	0.280	2.068	3.0[illegible]	2.818	1.708	0.207	-1.037
5691	56.90	-1.541	-1.181	-0.214	0.860	1.545	1.558	0.944	0.021	-0.788	-1.149
5701	57.00	-0.962	-0.373	0.320	0.819	0.962	0.776	0.434	0.149	0.058	0.161
5711	57.10	0.330	0.387	0.195	-0.256	-0.843	-1.350	-1.566	-1.377	-0.828	-0.113
5721	57.20	0.490	0.739	0.536	-0.009	-0.604	-0.882	-0.562	0.403	1.767	3.048
5731	57.30	3.710	3.390	2.079	0.165	-1.698	-2.848	-2.899	-1.915	-0.392	0.960
5741	57.40	1.529	1.085	-0.120	-1.471	-2.285	-2.130	-1.033	0.542	1.919	2.531
5751	57.50	2.181	1.117	-0.115	-0.946	-1.060	-0.520	0.301	0.938	1.086	0.742
5761	57.60	0.176	-0.251	-0.296	0.021	0.449	0.668	0.496	0.018	-0.448	-0.529
5771	57.70	-0.033	0.899	1.820	2.178	1.608	0.152	-1.678	-3.196	-3.666	-2.833
5781	57.80	-0.967	1.203	2.811	3.233	2.369	0.683	-1.018	-1.957	-1.749	-0.574
5791	57.90	0.919	1.924	1.868	0.688	-1.132	-2.782	-3.502	-2.933	-1.290	0.744
5801	58.00	2.326	2.842	2.180	0.766	-0.650	-1.351	-0.988	0.265	1.811	2.919
5811	58.10	3.070	2.182	0.628	-0.966	-2.025	-2.277	-1.833	-1.073	-0.408	-0.061
5821	58.20	0.025	0.095	0.384	0.925	1.481	1.659	1.134	-0.133	-1.814	-3.331
5831	58.30	-4.118	-3.892	-2.798	-1.338	-0.122	0.434	0.295	-0.201	-0.564	-0.438
5841	58.40	0.183	0.953	1.361	1.039	-0.018	-1.409	-2.516	-2.820	-2.165	-0.869
5851	58.50	0.531	1.387	1.434	0.826	0.052	-0.341	-0.051	0.818	1.819	2.415
5861	58.60	2.276	1.458	0.373	-0.442	-0.618	-0.150	0.603	1.127	1.041	0.316
5871	58.70	-0.704	-1.480	-1.568	-0.860	0.353	1.527	2.144	1.977	1.199	0.287
5881	58.80	-0.220	0.002	0.907	2.111	3.079	3.390	2.913	1.852	0.627	-0.332
5891	58.90	-0.769	-0.688	-0.305	0.073	0.203	-0.009	-0.487	-1.049	-1.491	-1.668
5901	59.00	-1.527	-1.114	-0.550	0.008	0.404	0.533	0.378	0.029	-0.328	-0.472
5911	59.10	-0.234	0.420	1.349	2.275	2.882	2.948	2.436	1.508	0.458	-0.415
5921	59.20	-0.919	-1.025	-0.829	-0.480	-0.087	0.310	0.710	1.088	1.344	1.320
5931	59.30	0.881	0.024	-1.058	-2.014	-2.461	-2.167	-1.181	0.162	1.370	2.014
5941	59.40	1.929	1.292	0.530	0.104	0.273	0.950	1.743	2.146	1.804	0.703
5951	59.50	-0.795	-2.109	-2.707	-2.352	-1.216	0.191	1.259	1.542	0.955	-0.201
5961	59.60	-1.385	-2.055	-1.895	-0.942	0.452	1.777	2.565	2.569	1.829	0.633
5971	59.70	-0.602	-1.485	-1.773	-1.440	-0.668	0.221	0.866	0.987	0.472	-0.575
5981	59.80	-1.857	-2.970	-3.544	-3.375	-2.515	-1.271	-0.105	0.540	0.416	-0.420
5991	59.90	-1.617	-2.658	-3.063	-2.593	-1.344	0.279	1.728	2.521	2.438	1.587

Table 7-3-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1195 105-GR-1-19 HB. (HB.) MASAKI BRIDGE MAX. ACC. = 263.822 (GAL) T= 9.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.349	-0.799	-1.473	-1.524	-1.064	-0.379	0.226	0.558	0.593	0.436
6011	60.10	0.218	-0.007	-0.299	-0.775	-1.504	-2.405	-3.224	-3.620	-3.328	-2.316
6021	60.20	-0.857	0.554	1.394	1.356	0.508	-0.716	-1.694	-1.900	-1.149	0.307
6031	60.30	1.885	2.941	3.064	2.268	0.967	-0.234	-0.838	-0.695	-0.055	0.570
6041	60.40	0.692	0.106	-0.996	-2.110	-2.673	-2.345	-1.184	0.373	1.707	2.300
6051	60.50	1.959	0.886	-0.436	-1.466	-1.839	-1.492	-0.644	0.342	1.131	1.548
6061	60.60	1.603	1.435	1.202	1.098	0.868	0.744	0.595	0.423	0.272	0.197
6071	60.70	0.231	0.354	0.500	0.588	0.555	0.376	0.074	-0.296	-0.652	-0.908
6081	60.80	-0.989	-0.853	-0.517	-0.073	0.330	0.535	0.446	0.086	-0.386	-0.741
6091	60.90	-0.777	-0.433	0.163	0.741	1.014	0.837	0.290	-0.334	-0.677	-0.502
6101	61.00	0.167	1.032	1.661	1.703	1.081	0.043	-0.945	-1.434	-1.219	-0.437
6111	61.10	0.507	1.160	1.264	0.894	0.402	0.213	0.570	1.380	2.243	2.661
6121	61.20	2.309	1.228	-0.174	-1.324	-1.767	-1.402	-0.537	0.276	0.523	-0.007
6131	61.30	-1.119	-2.315	-3.050	-2.995	-2.189	-0.993	0.109	0.747	0.821	0.504
6141	61.40	0.101	-0.131	-0.112	0.058	0.204	0.206	0.082	-0.034	-0.002	0.213
6151	61.50	0.492	0.629	0.457	-0.024	-0.614	-0.999	-0.922	-0.331	0.560	1.367
6161	61.60	1.720	1.456	0.718	-0.115	-0.607	-0.485	0.226	1.216	2.039	2.327
6171	61.70	1.952	1.069	0.023	-0.824	-1.247	-1.228	-0.915	-0.511	-0.163	0.091
6181	61.80	0.300	0.527	0.789	1.031	1.164	1.127	0.928	0.642	0.362	0.134
6191	61.90	-0.066	-0.314	-0.671	-1.111	-1.503	-1.649	-1.378	-0.644	0.428	1.569
6201	62.00	2.463	2.862	2.677	1.991	1.012	-0.009	-0.864	-1.429	-1.663	-1.587
6211	62.10	-1.256	-0.749	-0.168	0.368	0.749	0.905	0.843	0.644	0.426	0.284
6221	62.20	0.237	0.222	0.140	-0.076	-0.391	-0.677	-0.769	-0.574	-0.149	0.297
6231	62.30	0.494	0.255	-0.404	-1.236	-1.864	-1.965	-1.446	-0.508	0.431	0.944
6241	62.40	0.811	0.140	-0.685	-1.205	-1.136	-0.530	0.249	0.720	0.559	-0.200
6251	62.50	-1.159	-1.758	-1.581	-0.612	0.716	1.716	1.795	0.790	-0.914	-2.533
6261	62.60	-3.261	-2.680	-0.994	1.042	2.480	2.638	1.455	-0.470	-2.159	-2.733
6271	62.70	-1.845	0.140	2.321	3.695	3.642	2.218	0.111	-1.698	-2.418	-1.807
6281	62.80	-0.259	1.429	2.471	2.475	1.606	0.451	-0.315	-0.298	0.424	1.368
6291	62.90	1.925	1.704	0.742	-0.514	-1.455	-1.633	-0.998	0.079	1.006	1.282
6301	63.00	0.753	-0.320	-1.412	-2.016	-1.908	-1.253	-0.494	-0.102	-0.320	-1.033
6311	63.10	-1.840	-2.276	-2.072	-1.295	-0.313	0.407	0.547	0.102	-0.629	-1.206
6321	63.20	-1.291	-0.811	0.009	0.793	1.218	1.188	0.866	0.556	0.517	0.802
6331	63.30	1.230	1.496	1.362	0.805	0.053	-0.539	-0.687	-0.362	0.267	0.757
6341	63.40	0.800	0.314	-0.473	-1.136	-1.279	-0.758	0.221	1.183	1.611	1.208
6351	63.50	0.049	-1.441	-2.679	-3.191	-2.811	-1.738	-0.416	0.682	1.254	1.264
6361	63.60	0.901	0.441	0.099	-0.049	-0.053	-0.007	0.039	0.104	0.240	0.464
6371	63.70	0.706	0.825	0.682	0.233	-0.421	-1.066	-1.480	-1.547	-1.324	-1.012
6381	63.80	-0.846	-0.960	-1.313	-1.705	-1.897	-1.746	-1.292	-0.741	-0.365	-0.259
6391	63.90	-0.439	-0.666	-0.671	-0.292	0.403	1.137	1.549	1.389	0.661	-0.357
6401	64.00	-1.239	-1.611	-1.337	-0.576	0.300	0.904	1.032	0.753	0.367	0.222
6411	64.10	0.520	1.192	1.926	2.318	2.088	1.229	0.028	-1.055	-1.600	-1.416
6421	64.20	-0.617	0.439	1.325	1.736	1.613	1.138	0.626	0.359	0.456	0.837
6431	64.30	1.283	1.567	1.566	1.314	0.968	0.707	0.626	0.688	0.762	0.618
6441	64.40	0.240	-0.313	-0.810	-0.975	-0.617	0.251	1.382	2.372	2.817	2.496
6451	64.50	1.479	0.125	-1.053	-1.605	-1.333	-0.394	0.764	1.599	1.721	1.079
6461	64.60	0.001	-0.950	-1.241	-0.632	0.681	2.129	3.011	2.823	1.503	-0.502
6471	64.70	-2.416	-3.468	-3.236	-1.843	0.091	1.732	2.405	1.891	0.514	-1.035
6481	64.80	-2.040	-2.097	-1.296	-0.149	0.692	0.774	0.083	-0.963	-1.735	-1.735
6491	64.90	-0.872	0.477	1.650	2.044	1.442	0.149	-1.140	-1.677	-1.050	0.589

Table 7-3-14 TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1195 105-GR-1-19 HB. (HB.) MASAKI BRIDGE MAX. ACC. = 263.822 (GAL) T= 9.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	2.565	3.984	4.164	2.973	0.912	-1.107	-2.178	-1.831	-0.245	1.828
6511	65.10	3.420	3.790	2.760	0.775	-1.304	-2.646	-2.787	-1.866	-0.426	0.693
6521	65.20	0.924	0.137	-1.315	-2.789	-3.667	-3.632	-2.784	-1.552	-0.458	0.124
6531	65.30	0.120	-0.259	-0.668	-0.824	-0.666	-0.272	0.038	0.059	-0.275	-0.837
6541	65.40	-1.385	-1.684	-1.634	-1.314	-0.933	-0.725	-0.826	-1.212	-1.712	-2.091
6551	65.50	-2.159	-1.856	-1.272	-0.599	-0.047	0.241	0.241	0.035	-0.229	-0.414
6561	65.60	-0.444	-0.331	-0.153	-0.016	-0.003	-0.141	-0.394	-0.684	-0.932	-1.091
6571	65.70	-1.169	-1.222	-1.323	-1.525	-1.822	-2.141	-2.363	-2.362	-2.066	-1.486
6581	65.80	-0.722	0.063								

Table 7-4-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	11.779	15.560	16.368	14.443	11.000	7.566	5.490	5.439	7.223	9.954
11	0.10	12.468	13.795	13.509	11.828	9.460	7.287	6.035	6.035	7.161	8.915
21	0.20	10.628	11.687	11.721	10.711	8.986	7.118	5.743	5.339	6.057	7.644
31	0.30	9.509	10.928	11.311	10.436	8.545	6.257	4.320	3.313	3.420	4.381
41	0.40	5.631	6.575	6.852	6.473	5.773	5.201	5.071	5.391	5.873	6.100
51	0.50	5.782	4.939	3.937	3.317	3.522	4.638	6.291	7.763	8.295	7.438
61	0.60	5.298	2.552	0.214	-0.772	0.073	2.530	5.722	8.430	9.556	8.552
71	0.70	5.657	1.828	-1.602	-3.418	-2.973	-0.433	3.287	6.858	9.030	9.077
81	0.80	7.047	3.711	0.251	-2.192	-2.929	-1.939	0.176	2.470	4.039	4.360
91	0.90	3.443	1.774	0.068	-1.037	-1.227	-0.593	0.448	1.358	1.710	1.340
101	1.00	0.382	-0.815	-1.868	-2.406	-2.367	-1.800	-0.902	0.091	0.988	1.678
111	1.10	2.123	2.320	2.268	1.947	1.326	0.403	-0.770	-2.061	-3.277	-4.203
121	1.20	-4.665	-4.593	-4.050	-3.222	-2.368	-1.726	-1.432	-1.463	-1.636	-1.681
131	1.30	-1.342	-0.505	0.733	2.062	3.041	3.249	2.442	0.668	-1.713	-4.122
141	1.40	-5.929	-6.661	-6.154	-4.616	-2.559	-0.636	0.574	0.744	-0.109	-1.655
151	1.50	-3.383	-4.774	-5.460	-5.299	-4.367	-2.877	-1.089	0.792	2.534	3.935
161	1.60	4.738	4.661	3.485	1.182	-1.971	-5.378	-8.237	-9.784	-9.563	-7.625
171	1.70	-4.554	-1.288	1.204	2.268	1.787	0.197	-1.726	-3.191	-3.713	-3.271
181	1.80	-2.264	-1.280	-0.812	-1.031	-1.736	-2.482	-2.813	-2.492	-1.618	-0.579
191	1.90	0.126	0.111	-0.727	-2.165	-3.744	-4.954	-5.424	-5.055	-4.041	-2.786
201	2.00	-1.749	-1.279	-1.485	-2.198	-3.022	-3.479	-3.186	-2.023	-0.226	1.655
211	2.10	2.918	2.961	1.531	-1.134	-4.334	-7.122	-8.632	-8.394	-6.502	-3.578
221	2.20	-0.520	1.839	3.027	3.062	2.358	1.480	0.858	0.609	0.539	0.308
231	2.30	-0.335	-1.375	-2.518	-3.329	-3.472	-2.903	-1.916	-1.023	-0.705	-1.162
241	2.40	-2.195	-3.271	-3.750	-3.183	-1.538	0.751	2.920	4.164	3.938	2.175
251	2.50	-0.671	-3.765	-6.158	-7.089	-6.224	-3.764	-0.397	2.899	5.129	5.584
261	2.60	4.061	0.952	-2.863	-6.166	-7.948	-7.554	-5.006	-1.003	3.281	6.566
271	2.70	7.876	6.848	3.846	-0.174	-3.979	-6.454	-6.930	-5.355	-2.268	1.405
281	2.80	4.634	6.568	6.750	5.196	2.375	-0.928	-3.805	-5.454	-5.387	-3.577
291	2.90	-0.502	2.961	5.756	6.967	6.110	3.329	-0.607	-4.515	-7.158	-7.654
301	3.00	-5.768	-2.017	2.490	6.399	8.548	8.326	5.860	1.953	-2.186	-5.325
311	3.10	-6.576	-5.637	-2.832	1.021	6.885	7.799	9.122	8.655	6.631	3.600
321	3.20	0.257	-2.721	-4.814	-5.720	-5.384	-3.975	-1.839	0.571	2.779	4.389
331	3.30	5.174	5.136	4.500	3.634	2.917	2.586	2.643	2.851	2.847	2.318
341	3.40	1.186	-0.312	-1.675	-2.323	-1.848	-0.216	2.168	4.581	6.234	6.573
351	3.50	5.483	3.331	0.807	-1.341	-2.588	-2.791	-2.183	-1.223	-0.362	0.133
361	3.60	0.261	0.224	0.290	0.651	1.341	2.241	3.155	3.889	4.299	4.291
371	3.70	3.790	2.740	1.136	-0.894	-3.017	-4.695	-5.301	-4.319	-1.587	2.549
381	3.80	7.238	11.314	13.633	13.431	10.583	5.661	-0.224	-5.741	-9.718	-11.437
391	3.90	-10.792	-8.247	-4.662	-1.022	1.827	3.391	3.617	2.868	1.782	1.045
401	4.00	1.150	2.214	3.911	5.575	6.443	5.957	4.027	1.109	-1.917	-4.066
411	4.10	-4.630	-3.473	-1.094	1.558	3.461	3.928	2.860	0.742	-1.610	-3.439
421	4.20	-4.371	-4.541	-4.447	-4.620	-5.272	-6.108	-6.406	-5.345	-2.432	2.164
431	4.30	7.540	12.300	15.018	14.752	11.393	5.726	-0.812	-6.586	-10.246	-11.091
441	4.40	-9.194	-5.302	-0.569	3.769	6.686	7.566	6.289	3.224	-0.869	-5.005
451	4.50	-8.187	-9.636	-8.994	-6.420	-2.562	1.626	5.152	7.278	7.709	6.649
461	4.60	4.684	2.556	0.920	0.153	0.283	1.038	1.971	2.600	2.536	1.554
471	4.70	-0.372	-3.063	-6.140	-9.067	-11.223	-12.030	-11.100	-8.380	-4.218	0.672
481	4.80	5.363	8.950	10.784	10.648	8.796	5.863	2.666	-0.024	-1.688	-2.171
491	4.90	-1.680	-0.693	0.212	0.535	0.003	-1.350	-3.201	-5.040	-6.335	-6.709

Table 7-4-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-6.062	-4.601	-2.762	-1.049	0.142	0.641	0.526	0.037	-0.560	-1.102
511	5.10	-1.569	-2.039	-2.566	-3.079	-3.358	-3.107	-2.118	-0.413	1.693	3.675
521	5.20	4.986	5.271	4.511	3.002	1.208	-0.464	-1.825	-2.934	-3.960	-4.978
531	5.30	-5.798	-5.967	-4.952	-2.449	1.340	5.618	9.169	10.765	9.641	5.842
541	5.40	0.280	-5.548	-10.064	-12.147	-11.492	-8.646	-4.737	-1.004	1.666	2.908
551	5.50	3.065	2.747	2.576	2.871	3.530	4.113	4.087	3.091	1.129	-1.405
561	5.60	-3.861	-5.568	-6.068	-5.274	-3.478	-1.239	0.821	2.219	2.745	2.492
571	5.70	1.768	0.942	0.288	-0.106	-0.333	-0.584	-1.008	-1.618	-2.266	-2.711
581	5.80	-2.759	-2.374	-1.728	-1.131	-0.877	-1.078	-1.565	-1.931	-1.698	-0.556
591	5.90	1.453	3.879	5.992	7.043	6.550	4.506	1.399	-1.937	-4.601	-5.908
601	6.00	-5.584	-3.818	-1.169	1.595	3.694	4.492	3.620	1.056	-2.824	-7.254
611	6.10	-11.171	-13.417	-13.046	-9.643	-3.557	4.077	11.570	17.140	19.436	17.963
621	6.20	13.225	6.551	-0.348	-5.920	-9.201	-9.998	-8.788	-6.412	-3.723	-1.330
631	6.30	0.477	1.647	2.216	2.203	1.598	0.454	-1.005	-2.358	-3.067	-2.680
641	6.40	-1.038	1.590	4.544	6.967	8.092	7.511	5.308	2.024	-1.544	-4.596
651	6.50	-6.574	-7.282	-6.886	-5.806	-4.557	-3.594	-3.201	-3.430	-4.108	-4.874
661	6.60	-5.279	-4.903	-3.492	-1.062	2.060	5.299	7.985	9.553	9.720	8.569
671	6.70	6.494	4.065	1.721	-0.183	-1.621	-2.720	-3.622	-4.350	-4.744	-4.534
681	6.80	-3.497	-1.622	0.790	3.171	4.849	5.274	4.218	1.859	-1.268	-4.439
691	6.90	-6.938	-8.230	-8.048	-6.390	-3.473	0.334	4.551	8.614	11.912	13.862
701	7.00	14.030	12.279	8.864	4.446	-0.044	-3.637	-5.611	-5.722	-4.280	-2.057
711	7.10	-0.012	1.032	0.686	-0.871	-2.955	-4.627	-5.030	-3.705	-0.767	3.118
721	7.20	6.939	9.659	10.535	9.334	6.378	2.431	-1.548	-4.675	-6.366	-6.454
731	7.30	-5.184	-3.101	-0.868	0.914	1.866	1.916	1.294	0.439	-0.153	-0.121
741	7.40	0.614	1.782	2.840	3.157	2.269	0.115	-2.866	-5.818	-7.719	-7.737
751	7.50	-5.545	-1.477	3.537	8.243	11.431	12.279	10.554	6.616	1.273	-4.454
761	7.60	-9.548	-13.148	-14.649	-13.754	-10.539	-5.503	0.437	6.056	10.086	11.568
771	7.70	10.194	6.487	1.702	-2.542	-4.815	-4.382	-1.485	2.739	6.675	8.812
781	7.80	8.284	5.139	0.278	-4.914	-9.038	-11.105	-10.732	-8.122	-3.873	1.243
791	7.90	6.436	10.965	14.150	15.414	14.382	11.043	5.876	-0.155	-5.778	-9.754
801	8.00	-11.244	-10.073	-6.775	-2.386	1.908	5.149	6.830	6.930	5.759	3.730
811	8.10	1.190	-1.615	-4.460	-7.013	-8.788	-9.227	-7.916	-4.828	-0.452	4.261
821	8.20	8.177	10.356	10.389	8.542	5.643	2.746	0.725	-0.041	0.239	0.912
831	8.30	1.203	0.554	-1.161	-3.610	-6.165	-8.161	-9.123	-8.887	-7.576	-5.487
841	8.40	-2.963	-0.306	2.221	4.363	5.836	6.356	5.722	3.939	1.290	-1.683
851	8.50	-4.305	-5.968	-6.329	-5.413	-3.590	-1.436	0.478	1.758	2.277	2.141
861	8.60	1.579	0.803	-0.086	-1.110	-2.351	-3.852	-5.544	-7.219	-8.584	-9.349
871	8.70	-9.319	-8.449	-6.844	-4.710	-2.295	0.170	2.490	4.507	6.075	7.063
881	8.80	7.361	6.921	5.799	4.175	2.334	0.612	-0.698	-1.437	-1.636	-1.516
891	8.90	-1.417	-1.673	-2.479	-3.792	-5.305	-6.532	-6.957	-6.223	-4.279	-1.428
901	9.00	1.736	4.507	6.286	6.760	5.991	4.373	2.486	0.902	0.021	-0.016
911	9.10	0.682	1.841	3.131	4.253	4.980	5.168	4.734	3.661	2.004	-0.084
921	9.20	-2.349	-4.468	-6.118	-7.052	-7.155	-6.460	-5.099	-3.250	-1.083	1.241
931	9.30	3.536	5.539	6.909	7.279	6.399	4.278	1.281	-1.905	-4.450	-5.649
941	9.40	-5.189	-3.292	-0.663	1.757	3.135	3.055	1.656	-0.445	-2.436	-3.651
951	9.50	-3.838	-3.231	-2.407	-1.993	-2.363	-3.462	-4.833	-5.823	-5.877	-4.779
961	9.60	-2.742	-0.304	1.890	3.338	3.840	3.512	2.673	1.681	0.792	0.119
971	9.70	-0.327	-0.552	-0.521	-0.170	0.513	1.404	2.207	2.516	1.972	0.434
981	9.80	-1.902	-4.517	-6.717	-7.863	-7.594	-5.938	-3.285	-0.228	2.646	4.926
991	9.90	6.456	7.292	7.597	7.526	7.165	6.535	5.642	4.534	3.310	2.095

Table 7-4-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.985	0.002	-0.902	-1.793	-2.679	-3.458	-3.916	-3.790	-2.867	-1.087
1011	10.10	1.402	4.251	6.987	9.111	10.217	10.078	8.696	6.308	3.348	0.368
1021	10.20	-2.081	-3.578	-3.947	-3.318	-2.092	-0.823	-0.033	-0.030	-0.811	-2.071
1031	10.30	-3.338	-4.172	-4.341	-3.901	-3.151	-2.468	-2.127	-2.162	-2.348	-2.312
1041	10.40	-1.707	-0.392	1.483	3.503	5.125	5.862	5.435	3.852	1.390	-1.506
1051	10.50	-4.350	-6.725	-8.360	-9.137	-9.076	-8.276	-6.873	-4.997	-2.754	-0.239
1061	10.60	2.438	5.107	7.510	9.306	10.126	9.679	7.875	4.920	1.334	-2.141
1071	10.70	-4.723	-5.814	-5.190	-3.079	-0.089	2.985	5.411	6.739	6.899	6.156
1081	10.80	4.948	3.677	2.550	1.529	0.405	-1.042	-2.876	-4.914	-6.750	-7.889
1091	10.90	-7.937	-6.765	-4.577	-1.850	0.817	2.908	4.137	4.507	4.255	3.719
1101	11.00	3.193	2.830	2.632	2.515	2.402	2.294	2.264	2.396	2.689	2.994
1111	11.10	3.029	2.471	1.110	-1.029	-3.637	-6.193	-8.127	-9.010	-8.704	-7.396
1121	11.20	-5.513	-3.564	-1.960	-0.898	-0.343	-0.094	0.102	0.441	1.009	1.785
1131	11.30	2.674	3.560	4.318	4.823	4.939	4.528	3.499	1.866	-0.198	-2.353
1141	11.40	-4.152	-5.158	-5.091	-3.937	-1.982	0.250	2.148	3.204	3.168	2.133
1151	11.50	0.502	-1.149	-2.267	-2.518	-1.903	-0.763	0.341	0.838	0.377	-1.020
1161	11.60	-2.921	-4.619	-5.368	-4.666	-2.469	0.754	4.134	6.676	7.580	6.515
1171	11.70	3.730	-0.006	-3.649	-6.183	-6.921	-5.679	-2.812	0.915	4.550	7.205
1181	11.80	8.271	7.550	5.263	1.967	-1.613	-4.783	-7.045	-8.208	-8.382	-7.892
1191	11.90	-7.117	-6.336	-5.627	-4.865	-3.817	-2.289	-0.265	2.036	4.203	5.768
1201	12.00	6.384	5.954	4.677	2.989	1.422	0.439	0.513	1.074	2.538	4.375
1211	12.10	6.200	7.637	8.364	8.139	6.826	4.435	1.165	-2.571	-6.177	-8.963
1221	12.20	-10.292	-9.760	-7.343	-3.467	1.041	5.122	7.753	8.231	6.401	2.740
1231	12.30	-1.738	-5.757	-8.139	-8.168	-5.813	-1.735	2.914	6.661	9.100	9.177
1241	12.40	7.281	4.116	0.624	-2.312	-4.109	-4.564	-3.814	-2.213	-0.213	1.705
1251	12.50	3.054	3.362	2.231	-0.531	-4.761	-9.840	-14.736	-18.221	-19.215	-17.155
1261	12.60	-12.239	-5.433	1.780	7.828	11.510	12.320	10.536	7.066	3.014	-0.496
1271	12.70	-2.789	-3.644	-3.241	-1.978	-0.289	1.493	3.161	4.594	5.683	6.281
1281	12.80	6.206	5.296	3.492	0.907	-2.145	-5.189	-7.680	-9.129	-9.229	-7.941
1291	12.90	-5.517	-2.441	0.699	3.357	5.177	6.066	6.188	5.870	5.470	5.243
1301	13.00	5.266	5.439	5.553	5.393	4.832	3.867	2.607	1.217	-0.138	-1.331
1311	13.10	-2.274	-2.894	-3.119	-2.876	-2.129	-0.929	0.550	2.017	3.122	3.558
1321	13.20	3.163	1.996	0.346	-1.333	-2.543	-2.878	-2.148	-0.431	1.929	4.414
1331	13.30	6.449	7.542	7.396	5.967	3.467	0.305	-3.008	-5.957	-8.123	-9.238
1341	13.40	-9.212	-8.126	-6.209	-3.794	-1.277	0.943	2.519	3.216	2.964	1.879
1351	13.50	0.258	-1.479	-2.870	-3.516	-3.171	-1.811	0.350	2.885	5.229	6.795
1361	13.60	7.098	5.890	3.254	-0.367	-4.230	-7.446	-9.204	-9.007	-6.845	-3.245
1371	13.70	0.839	4.279	6.099	5.763	3.351	-0.462	-4.603	-7.914	-9.489	-8.921
1381	13.80	-6.402	-2.632	1.399	4.704	6.561	6.690	5.286	2.924	0.364	-1.677
1391	13.90	-2.722	-2.635	-1.622	-0.116	1.391	2.531	3.169	3.426	3.599	4.017
1401	14.00	4.885	6.178	7.621	8.764	9.123	8.335	6.291	3.201	-0.434	-3.917
1411	14.10	-6.512	-7.632	-6.995	-4.730	-1.381	2.208	5.102	6.535	6.136	4.053
1421	14.20	0.903	-2.422	-5.040	-6.356	-6.208	-4.851	-2.789	-0.538	1.565	3.426
1431	14.30	5.110	6.675	8.014	8.813	8.647	7.179	4.360	0.529	-3.655	-7.422
1441	14.40	-10.148	-11.546	-11.715	-11.018	-9.871	-8.555	-7.116	-5.427	-3.341	-0.862
1451	14.50	1.767	4.100	5.639	6.018	5.144	3.221	0.675	-2.000	-4.373	-6.158
1461	14.60	-7.215	-7.490	-6.963	-5.627	-3.525	-0.813	2.185	4.980	6.996	7.704
1471	14.70	6.776	4.212	0.375	-4.055	-8.230	-11.335	-12.789	-12.396	-10.391	-7.367
1481	14.80	-4.092	-1.284	0.603	1.485	1.629	1.493	1.518	1.925	2.635	3.315
1491	14.90	3.546	3.029	1.735	-0.050	-1.827	-3.054	-3.329	-2.511	-0.737	1.639

Table 7-4-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	4.161	6.367	7.861	8.357	7.705	5.931	3.267	0.147	-2.855	-5.161
1511	15.10	-6.349	-6.288	-5.180	-3.474	-1.684	-0.202	0.839	1.553	2.191	2.956
1521	15.20	3.877	4.772	5.347	5.357	4.738	3.659	2.441	1.421	0.805	0.609
1531	15.30	0.702	0.908	1.106	1.265	1.392	1.446	1.285	0.702	-0.454	-2.124
1541	15.40	-3.978	-5.480	-6.105	-5.603	-4.176	-2.457	-1.261	-1.199	-2.330	-4.025
1551	15.50	-5.141	-4.455	-1.211	4.481	11.538	18.182	22.494	23.043	19.349	12.038
1561	15.60	2.636	-6.900	-14.717	-19.516	-20.778	-18.761	-14.314	-8.609	-2.870	1.843
1571	15.70	4.816	5.723	4.715	2.351	-0.528	-2.998	-4.301	-4.053	-2.346	0.297
1581	15.80	3.108	5.338	6.496	6.478	5.548	4.183	2.858	1.868	1.253	0.836
1591	15.90	0.357	-0.384	-1.432	-2.660	-3.844	-4.757	-5.255	-5.321	-5.043	-4.577
1601	16.00	-4.093	-3.748	-3.657	-3.868	-4.314	-4.760	-4.792	-3.878	-1.525	2.488
1611	16.10	7.894	13.848	19.039	22.019	21.676	17.674	10.684	2.286	-5.458	-10.646
1621	16.20	-12.135	-9.907	-5.040	0.696	5.461	7.944	7.730	5.307	1.767	-1.663
1631	16.30	-4.047	-4.974	-4.546	-3.182	-1.364	0.541	2.326	3.877	5.071	5.723
1641	16.40	5.630	4.687	2.996	0.896	-1.114	-2.549	-3.116	-2.814	-1.914	-0.836
1651	16.50	0.032	0.463	0.429	0.050	-0.520	-1.177	-1.896	-2.689	-3.523	-4.271
1661	16.60	-4.725	-4.663	-3.955	-2.628	-0.864	1.060	2.871	4.378	5.481	6.142
1671	16.70	6.324	5.977	5.068	3.663	1.994	0.466	-0.451	-0.394	0.700	2.504
1681	16.80	4.354	5.455	5.171	3.272	0.048	-3.775	-7.274	-9.625	-10.336	-9.334
1691	16.90	-6.899	-3.497	0.395	4.379	8.134	11.340	13.620	14.548	13.764	11.128
1701	17.00	6.860	1.558	-3.909	-8.628	-11.881	-13.312	-12.972	-11.222	-8.578	-5.564
1711	17.10	-2.631	-0.160	1.510	2.079	1.353	-0.640	-3.544	-6.662	-9.100	-10.024
1721	17.20	-8.971	-6.057	-1.994	2.119	5.164	6.387	5.641	3.402	0.544	-2.012
1731	17.30	-3.633	-4.151	-3.836	-3.196	-2.714	-2.651	-2.987	-3.510	-3.967	-4.201
1741	17.40	-4.190	-3.978	-3.573	-2.861	-1.625	0.336	3.053	6.268	9.443	11.908
1751	17.50	13.092	12.738	11.003	8.391	5.540	2.966	0.872	-0.884	-2.658	-4.774
1761	17.60	-7.300	-9.936	-12.091	-13.108	-12.545	-10.396	-7.134	-3.575	-0.598	1.162
1771	17.70	1.518	0.766	-0.452	-1.406	-1.525	-0.567	1.352	3.859	6.464	8.698
1781	17.80	10.175	10.600	9.743	7.450	3.703	-1.268	-6.903	-12.318	-16.441	-18.281
1791	17.90	-17.224	-13.275	-7.120	0.015	6.686	11.610	13.983	13.626	10.937	6.676
1801	18.00	1.701	-3.260	-7.716	-11.402	-14.198	-16.030	-16.818	-16.486	-15.002	-12.424
1811	18.10	-8.908	-4.682	-0.004	4.870	9.680	14.130	17.854	20.415	21.350	20.267
1821	18.20	16.953	11.465	4.179	-4.228	-12.834	-20.569	-26.349	-29.233	-28.608	-24.369
1831	18.30	-17.046	-7.803	1.721	9.747	14.785	16.038	13.634	8.594	2.523	-2.877
1841	18.40	-6.314	-7.244	-5.949	-3.327	-0.504	1.585	2.484	2.310	1.627	1.205
1851	18.50	1.739	3.634	6.882	11.045	15.305	18.591	19.765	17.880	12.476	3.844
1861	18.60	-6.843	-17.633	-26.162	-30.243	-28.497	-20.835	-8.599	5.718	19.107	28.837
1871	18.70	33.164	31.716	25.468	16.329	6.529	-2.002	-8.051	-11.245	-11.903	-10.725
1881	18.80	-8.451	-5.624	-2.500	0.904	4.675	8.871	13.426	18.121	22.602	26.423
1891	18.90	29.081	30.055	28.857	25.107	18.665	9.770	-0.837	-11.900	-21.774	-28.724
1901	19.00	-31.339	-28.946	-21.899	-11.596	-0.197	9.914	16.760	19.301	17.673	13.053
1911	19.10	7.193	1.805	-1.993	-3.976	-4.757	-5.439	-7.124	-10.461	-15.410	-21.253
1921	19.20	-26.819	-30.815	-32.132	-30.074	-24.467	-15.695	-4.677	7.217	18.320	26.924
1931	19.30	31.621	31.655	27.161	19.197	9.512	0.095	-7.339	-11.769	-13.043	-11.770
1941	19.40	-8.994	-5.803	-3.007	-1.004	0.182	0.753	0.979	1.100	1.294	1.696
1951	19.50	2.383	3.345	4.436	5.381	5.870	5.719	5.048	4.347	4.369	5.849
1961	19.60	9.151	13.999	19.427	24.026	26.398	25.647	21.717	15.417	8.131	1.320
1971	19.70	-3.973	-7.424	-9.428	-10.815	-12.425	-14.710	-17.530	-20.195	-21.726	-21.229
1981	19.80	-18.241	-12.928	-6.108	0.932	6.741	10.066	10.174	7.060	1.472	-5.253
1991	19.90	-11.514	-15.853	-17.337	-15.787	-11.813	-6.620	-1.662	1.746	2.756	1.156

Table 7-4-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-2.625	-7.671	-12.822	-16.944	-19.175	-19.113	-16.904	-13.214	-9.068	-5.572
2011	20.10	-3.575	-3.379	-4.593	-6.221	-6.977	-5.723	-1.885	4.322	11.953	19.637
2021	20.20	26.016	30.125	31.573	30.483	27.258	22.324	15.986	8.467	0.075	-8.622
2031	20.30	-16.745	-23.247	-27.210	-28.148	-26.190	-22.022	-16.637	-10.988	-5.715	-1.053
2041	20.40	3.056	6.752	10.061	12.857	14.971	16.401	17.462	18.778	21.077	24.854
2051	20.50	30.054	35.921	41.093	43.928	42.960	37.339	27.116	13.324	-2.172	-17.005
2061	20.60	-28.756	-35.442	-35.963	-30.418	-20.172	-7.633	4.276	12.835	16.240	14.083
2071	20.70	7.620	-1.602	-10.469	-17.091	-20.412	-20.613	-18.887	-16.899	-16.151	-17.500
2081	20.80	-20.947	-25.719	-30.551	-34.060	-34.965	-32.545	-26.622	-17.780	-7.358	2.711
2091	20.90	10.273	13.510	11.542	4.841	-4.740	-14.430	-21.382	-23.617	-20.721	-14.000
2101	21.00	-6.016	0.317	2.746	0.402	-6.015	-14.609	-23.010	-29.142	-31.730	-30.422
2111	21.10	-25.588	-17.973	-8.418	2.233	13.088	23.119	31.205	36.342	37.965	36.227
2121	21.20	32.071	27.004	22.641	20.175	19.997	21.613	23.887	25.508	25.491	23.511
2131	21.30	19.960	15.725	11.802	8.905	7.222	6.405	5.778	4.674	2.770	0.278
2141	21.40	-2.073	-3.272	-2.402	0.988	6.646	13.616	20.491	25.823	28.551	28.278
2151	21.50	25.300	20.398	14.477	8.242	2.035	-4.093	-10.134	-15.839	-20.557	-23.312
2161	21.60	-23.095	-19.279	-11.984	-2.231	8.173	16.996	22.074	21.801	15.489	3.536
2171	21.70	-12.612	-30.672	-47.888	-61.475	-69.097	-69.298	-61.795	-47.558	-28.642	-7.808
2181	21.80	11.985	28.086	38.555	42.391	39.593	31.071	18.456	3.834	-10.592	-22.861
2191	21.90	-31.598	-36.225	-36.962	-34.593	-30.063	-24.081	-16.909	-8.481	1.209	11.612
2201	22.00	21.330	28.246	30.115	25.447	14.300	-1.399	-18.203	-32.105	-39.746	-39.411
2211	22.10	-31.414	-17.766	-1.314	15.239	29.959	41.906	50.693	56.009	57.265	53.683
2221	22.20	44.775	30.961	13.968	-3.285	-17.332	-25.125	-24.939	-16.863	-2.724	14.501
2231	22.30	31.506	45.405	54.195	56.875	53.337	44.183	30.586	14.226	-2.799	-18.153
2241	22.40	-29.606	-35.460	-34.948	-28.439	-17.382	-3.974	9.327	20.310	27.413	29.925
2251	22.50	28.005	22.512	14.740	6.096	-2.213	-9.389	-15.125	-19.512	-22.811	-25.187
2261	22.60	-26.533	-26.470	-24.552	-20.579	-14.872	-8.335	-2.255	2.102	3.932	3.141
2271	22.70	0.301	-3.682	-8.003	-12.262	-16.475	-20.780	-25.010	-28.391	-29.600	-27.217
2281	22.80	-20.426	-9.633	3.324	15.526	23.837	25.939	21.162	10.763	-2.427	-14.941
2291	22.90	-23.693	-26.862	-24.281	-17.268	-8.064	0.911	7.693	11.159	11.114	8.135
2301	23.00	3.309	-2.062	-6.713	-9.622	-10.154	-8.153	-3.953	1.693	7.772	13.215
2311	23.10	17.102	18.807	18.058	14.925	9.754	3.090	-4.383	-11.902	-18.629	-23.980
2321	23.20	-27.215	-28.029	-26.352	-22.393	-16.576	-9.445	-1.572	6.494	14.232	21.117
2331	23.30	26.599	30.114	31.155	29.381	24.737	17.539	8.475	-1.468	-11.147	-19.439
2341	23.40	-25.395	-28.349	-27.968	-24.252	-17.519	-8.375	2.292	13.351	23.494	31.390
2351	23.50	35.904	36.350	32.711	25.713	16.724	7.447	-0.492	-5.949	-8.501	-8.454
2361	23.60	-6.604	-3.866	-0.915	1.973	4.882	7.998	11.308	14.405	16.528	16.826
2371	23.70	14.739	10.313	6.287	-2.107	-7.565	-11.179	-12.748	-12.812	-12.375	-12.466
2381	23.80	-13.700	-16.032	-18.772	-20.842	-21.144	-18.884	-13.770	-6.028	3.673	14.340
2391	23.90	24.758	33.566	39.382	41.003	37.703	29.536	17.518	3.568	-9.868	-20.416
2401	24.00	-26.442	-27.534	-24.618	-19.641	-14.918	-12.377	-12.962	-16.407	-21.428	-26.242
2411	24.10	-29.188	-29.224	-26.148	-20.510	-13.327	-5.746	1.202	6.706	10.169	11.191
2421	24.20	9.622	5.690	0.140	-5.745	-10.328	-12.025	-9.828	-3.753	4.989	14.197
2431	24.30	21.238	23.799	20.565	11.612	-1.605	-16.640	-30.665	-41.089	-46.031	-44.557
2441	24.40	-36.723	-23.492	-6.614	11.535	28.180	40.508	46.163	43.816	33.616	17.365
2451	24.50	-1.750	-19.823	-33.157	-39.160	-36.926	-27.312	-12.529	4.601	21.423	35.984
2461	24.60	47.199	54.647	58.190	57.642	52.674	43.007	28.789	10.956	-8.639	-27.424
2471	24.70	-42.625	-51.912	-53.969	-48.786	-37.583	-22.433	-5.728	10.314	23.965	34.079
2481	24.80	40.008	41.472	38.474	31.319	20.711	7.838	-5.646	-17.791	-26.669	-30.752
2491	24.90	-29.237	-22.234	-10.759	3.433	18.151	31.092	40.174	43.820	41.182	32.307

Table 7-4-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	18.198	0.732	-17.583	-34.016	-46.123	-52.227	-51.752	-45.310	-34.499	-21.488
2511	25.10	-8.507	2.600	10.650	15.191	16.384	14.817	11.315	6.814	2.280	-1.351
2521	25.20	-3.290	-3.048	-0.613	3.464	8.116	12.007	13.900	13.049	9.462	3.925
2531	25.30	-2.237	-7.573	-10.963	-11.919	-10.638	-7.800	-4.195	-0.364	3.595	7.970
2541	25.40	13.161	19.317	26.061	32.435	37.128	38.881	36.931	31.296	22.798	12.814
2551	25.50	2.863	-5.805	-12.458	-16.898	-19.292	-19.921	-18.996	-16.633	-12.967	-8.331
2561	25.60	-3.369	1.018	3.883	4.538	2.812	-0.858	-5.538	-10.062	-13.349	-14.640
2571	25.70	-13.593	-10.260	-4.992	1.618	8.748	15.332	20.109	21.807	19.464	12.804
2581	25.80	2.509	-9.766	-21.705	-30.903	-35.527	-34.831	-29.344	-20.656	-10.911	-2.181
2591	25.90	4.057	7.180	7.391	5.459	2.383	-0.914	-3.763	-5.800	-6.922	-7.202
2601	26.00	-6.784	-5.800	-4.306	-2.261	0.422	3.757	7.525	11.149	13.696	14.065
2611	26.10	11.345	5.224	-3.710	-13.954	-23.404	-29.935	-32.034	-29.247	-22.271	-12.645
2621	26.20	-2.211	7.442	15.309	20.971	24.337	25.319	23.648	18.974	11.196	0.850
2631	26.30	-10.681	-21.312	-28.739	-31.121	-27.666	-18.905	-6.529	7.120	19.710	29.469
2641	26.40	35.452	37.497	35.970	31.475	24.671	16.259	7.062	-1.891	-9.419	-14.390
2651	26.50	-16.016	-14.128	-9.297	-2.732	4.014	9.445	12.495	12.767	10.577	6.811
2661	26.60	2.656	-0.728	-2.504	-2.364	-0.603	1.964	4.234	5.127	3.926	0.515
2671	26.70	-4.552	-10.185	-15.071	-18.055	-18.468	-16.283	-12.060	-6.715	-1.218	3.659
2681	26.80	7.448	9.936	11.026	10.598	8.482	4.566	-1.011	-7.677	-14.384	-19.764
2691	26.90	-22.488	-21.690	-17.328	-10.307	-2.303	4.683	8.912	9.418	6.296	0.638
2701	27.00	-5.837	-11.343	-14.576	-15.061	-13.218	-10.120	-7.077	-5.191	-5.032	-6.533
2711	27.10	-9.090	-11.799	-13.734	-14.171	-12.718	-9.353	-4.404	1.513	7.585	12.930
2721	27.20	16.768	18.613	18.421	16.623	14.007	11.460	9.654	8.812	8.657	8.603
2731	27.30	8.095	6.970	5.634	4.957	5.889	8.958	13.865	19.390	23.696	24.949
2741	27.40	22.014	14.955	5.123	-5.219	-13.604	-18.120	-17.968	-13.593	-6.419	1.707
2751	27.50	9.105	14.673	18.016	19.299	18.958	17.423	14.964	11.704	7.716	3.148
2761	27.60	-1.713	-6.466	-10.672	-13.934	-15.952	-16.536	-15.625	-13.320	-9.942	-6.080
2771	27.70	-2.564	-0.318	-0.113	-2.286	-6.534	-11.904	-17.015	-20.447	-21.183	-18.927
2781	27.80	-14.181	-8.059	-1.910	3.091	6.238	7.372	6.747	4.791	1.869	-1.825
2791	27.90	-6.226	-11.245	-16.599	-21.722	-25.807	-27.975	-27.489	-23.961	-17.470	-8.580
2801	28.00	1.727	12.183	21.397	28.048	31.093	29.986	24.838	16.493	6.439	-3.453
2811	28.10	-11.311	-15.680	-15.844	-11.957	-4.947	3.766	12.628	20.280	25.757	28.529
2821	28.20	28.445	25.621	20.367	13.175	4.739	-4.034	-12.065	-18.242	-21.606	-21.546
2831	28.30	-17.925	-11.111	-1.887	8.708	19.561	29.645	38.107	44.303	47.788	48.289
2841	28.40	45.685	40.015	31.500	20.583	7.951	-5.466	-18.546	-30.083	-38.951	-44.283
2851	28.50	-45.643	-43.127	-37.362	-29.391	-20.462	-11.785	-4.313	1.395	5.205	7.337
2861	28.60	8.231	8.398	8.288	8.199	3.236	8.305	8.146	7.399	5.716	2.873
2871	28.70	-1.111	-5.923	-10.986	-15.590	-19.093	-21.127	-21.728	-21.337	-20.648	-20.358
2881	28.80	-20.894	-22.240	-23.911	-25.110	-25.003	-23.014	-19.045	-13.520	-7.272	-1.284
2891	28.90	3.596	6.883	8.547	8.961	8.725	8.450	8.571	9.252	10.397	11.745
2901	29.00	12.999	13.940	14.478	14.648	14.552	14.301	13.968	13.580	13.143	12.679
2911	29.10	12.242	11.921	11.811	11.971	12.404	13.039	13.754	14.401	14.838	14.951
2921	29.20	14.671	13.976	12.890	11.480	9.833	8.037	6.143	4.154	2.032	-0.248
2931	29.30	-2.622	-4.868	-6.592	-7.307	-6.583	-4.248	-0.539	3.880	7.940	10.619
2941	29.40	11.052	8.872	4.280	-2.047	-9.191	-16.262	-22.602	-27.835	-31.791	-34.358
2951	29.50	-35.371	-34.604	-31.875	-27.214	-20.986	-13.898	-6.857	-0.746	3.799	6.510
2961	29.60	7.449	6.859	4.981	1.941	-2.218	-7.387	-13.203	-18.936	-23.547	-25.924
2971	29.70	-25.223	-21.195	-14.337	-5.820	2.812	10.076	14.944	17.092	16.906	15.279
2981	29.80	13.276	11.800	11.370	12.065	13.622	15.623	17.679	19.538	21.087	22.267
2991	29.90	22.968	22.960	21.910	19.496	15.568	10.300	4.259	-1.650	-6.371	-8.956

Table 7-4-7

TABLE OF CORRECTED ACCELERATION RECORD

NO. 7

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-8.840	-6.038	-1.207	4.461	9.488	12.455	12.358	8.886	2.541	-5.429
3011	30.10	-13.297	-19.260	-21.881	-20.465	-15.241	-7.314	1.624	9.721	15.420	17.799
3021	30.20	16.695	12.620	6.499	-0.640	-7.916	-14.724	-20.731	-25.785	-29.814	-32.770
3031	30.30	-34.619	-35.363	-35.046	-33.714	-31.356	-27.860	-23.045	-16.778	-9.145	-0.601
3041	30.40	8.000	15.524	20.822	23.043	21.883	17.661	11.213	3.647	-3.932	-10.615
3051	30.50	-15.756	-18.909	-19.749	-18.033	-13.667	-6.849	1.791	11.172	19.904	26.596
3061	30.60	30.215	30.373	27.421	22.321	16.335	10.666	6.166	3.223	1.817	1.704
3071	30.70	2.611	4.361	6.885	10.146	14.026	18.255	22.406	25.972	28.469	29.523
3081	30.80	28.911	26.553	22.491	16.865	9.949	2.186	-5.764	-13.048	-18.711	-21.873
3091	30.90	-21.928	-18.707	-12.542	-4.207	5.258	14.762	23.358	30.343	35.253	37.775
3101	31.00	37.655	34.667	28.681	19.827	8.667	-3.710	-15.760	-25.737	-32.090	-33.887
3111	31.10	-31.107	-24.715	-16.461	-8.455	-2.657	-0.402	-2.132	-7.356	-14.860	-23.065
3121	31.20	-30.429	-35.785	-38.539	-38.708	-36.800	-33.605	-29.941	-26.431	-23.360	-20.661
3131	31.30	-18.016	-15.057	-11.586	-7.750	-4.079	-1.372	-0.455	-1.881	-5.702	-11.379
3141	31.40	-17.889	-23.982	-28.509	-30.696	-30.281	-27.486	-22.855	-17.056	-10.713	-4.342
3151	31.50	1.660	6.850	10.921	13.537	14.537	14.025	12.436	10.481	8.993	8.711
3161	31.60	10.080	13.138	17.533	22.645	27.763	32.251	35.646	37.693	38.337	37.698
3171	31.70	36.069	33.913	31.825	30.436	30.240	31.401	33.602	36.039	37.594	37.169
3181	31.80	34.081	28.369	20.892	13.147	6.849	3.414	3.511	6.848	12.263	18.077
3191	31.90	22.589	24.539	23.394	19.401	13.412	6.594	0.111	-5.112	-8.513	-9.922
3201	32.00	-9.529	-7.822	-5.529	-3.521	-2.695	-3.798	-7.249	-12.996	-20.476	-28.698
3211	32.10	-36.456	-42.605	-46.325	-47.285	-45.669	-42.062	-37.258	-32.045	-27.054	-22.695
3221	32.20	-19.182	-16.605	-14.998	-14.372	-14.699	-15.863	-17.625	-19.642	-21.536	-23.017
3231	32.30	-23.991	-24.612	-25.232	-26.260	-27.961	-30.291	-32.816	-34.782	-35.316	-33.688
3241	32.40	-29.566	-23.136	-15.079	-6.393	1.873	8.865	14.095	17.472	19.228	19.773
3251	32.50	19.552	18.943	18.222	17.569	17.094	16.860	16.885	17.163	17.557	18.010
3261	32.60	18.356	18.443	18.125	17.289	15.880	13.943	11.656	9.333	7.380	6.193
3271	32.70	6.034	6.935	8.693	10.966	13.451	16.049	18.942	22.490	26.995	32.410
3281	32.80	38.156	43.154	46.115	45.990	42.417	35.942	27.913	20.058	13.904	10.277
3291	32.90	9.078	9.422	10.068	9.935	8.493	5.865	2.648	-0.450	-2.943	-4.742
3301	33.00	-6.097	-7.372	-8.807	-10.368	-11.780	-12.685	-12.832	-12.193	-10.944	-9.345
3311	33.10	-7.607	-5.828	-4.044	-2.360	-1.070	-0.668	-1.732	-4.681	-9.553	-15.871
3321	33.20	-22.711	-28.933	-33.499	-35.771	-35.668	-33.650	-30.551	-27.333	-24.843	-23.643
3331	33.30	-23.911	-25.431	-27.638	-29.719	-30.758	-29.932	-26.718	-21.066	-13.481	-4.949
3341	33.40	3.270	9.956	14.231	15.769	14.833	12.132	8.566	4.945	1.782	-0.774
3351	33.50	-2.868	-4.786	-6.770	-8.893	-11.006	-12.786	-13.821	-13.729	-12.247	-9.288
3361	33.60	-4.953	0.485	6.628	13.002	19.120	24.536	28.889	31.938	33.573	33.817
3371	33.70	32.812	30.798	28.088	25.037	22.012	19.351	17.330	16.133	15.830	16.366
3381	33.80	17.555	19.093	20.568	21.496	21.381	19.800	16.504	11.525	5.232	-1.675
3391	33.90	-8.272	-13.585	-16.811	-17.510	-15.711	-11.896	-6.862	-1.507	3.386	7.302
3401	34.00	10.037	11.632	12.235	11.973	10.868	8.850	5.836	1.851	-2.894	-7.987
3411	34.10	-12.887	-17.054	-20.082	-21.794	-22.250	-21.697	-20.472	-18.906	-17.266	-15.742
3421	34.20	-14.457	-13.478	-12.815	-12.391	-12.024	-11.440	-10.340	-8.516	-5.960	-2.939
3431	34.30	0.039	2.355	3.474	3.138	1.468	-1.063	-3.792	-6.093	-7.595	-8.292
3441	34.40	-8.523	-8.816	-9.693	-11.487	-14.259	-17.808	-21.765	-25.687	-29.133	-31.672
3451	34.50	-32.875	-32.318	-29.645	-24.686	-17.592	-8.909	0.459	9.421	16.967	22.424
3461	34.60	25.622	26.893	26.896	26.366	25.863	25.632	25.614	25.565	25.224	24.422
3471	34.70	23.102	21.240	18.759	15.497	11.271	6.042	0.071	-6.001	-11.242	-14.668
3481	34.80	-15.553	-13.689	-9.478	-3.809	2.228	7.681	11.984	15.054	17.085	18.533
3491	34.90	19.712	20.790	21.796	22.730	23.665	24.752	26.118	27.695	29.090	29.595

Table 7-4-8

TABLE OF CORRECTED ACCELERATION RECORD

NO. 8

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	28.364	24.721	18.463	10.033	0.466	-8.887	-16.752	-22.297	-25.330	-26.262
3511	35.10	-25.857	-24.901	-23.907	-22.980	-21.865	-20.140	-17.457	-13.729	-9.195	-4.355
3521	35.20	0.177	3.858	6.338	7.528	7.564	6.726	5.326	3.601	1.652	-0.567
3531	35.30	-3.200	-6.392	-10.181	-14.403	-18.659	-22.366	-24.887	-25.700	-24.565	-21.611
3541	35.40	-17.322	-12.407	-7.616	-3.542	-0.492	1.538	2.795	3.637	4.396	5.290
3551	35.50	6.397	7.690	9.100	10.554	11.987	13.312	14.380	14.963	14.785	13.598
3561	35.60	11.286	7.948	3.928	-0.241	-3.962	-6.734	-8.296	-8.695	-8.257	-7.462
3571	35.70	-6.770	-6.450	-6.481	-6.557	-6.197	-4.922	-2.440	1.224	5.702	10.352
3581	35.80	14.422	17.228	18.320	17.569	15.171	11.581	7.394	3.223	-0.404	-3.115
3591	35.90	-4.721	-5.217	-4.759	-3.632	-2.199	-0.846	0.093	0.403	0.036	-0.872
3601	36.00	-2.046	-3.165	-3.979	-4.420	-4.656	-5.069	-6.129	-8.231	-11.516	-15.760
3611	36.10	-20.375	-24.519	-27.295	-27.977	-26.180	-21.948	-15.726	-8.259	-0.440	6.822
3621	36.20	12.728	16.664	18.272	17.498	14.626	10.250	5.201	0.383	-3.413	-5.683
3631	36.30	-6.291	-5.446	-3.543	-1.000	1.924	5.167	8.794	12.832	17.106	21.157
3641	36.40	24.288	25.756	25.005	21.888	16.752	10.389	3.851	-1.803	-5.733	-7.475
3651	36.50	-6.986	-4.600	-0.917	3.332	7.424	10.762	12.950	13.830	13.456	12.028
3661	36.60	9.794	6.959	3.651	-0.058	-4.079	-8.213	-12.114	-15.317	-17.350	-17.877
3671	36.70	-16.819	-14.391	-11.034	-7.277	-3.583	-0.246	2.617	5.001	6.910	8.282
3681	36.80	8.980	8.860	7.873	6.142	3.981	1.825	0.112	-0.857	-0.996	-0.463
3691	36.90	0.404	1.183	1.490	1.068	-0.150	-2.042	-4.333	-6.679	-8.752	-10.338
3701	37.00	-11.380	-11.976	-12.314	-12.561	-12.764	-12.798	-12.393	-11.249	-9.183	-6.248
3711	37.10	-2.782	0.662	3.463	5.109	5.334	4.172	1.919	-0.960	-3.938	-6.517
3721	37.20	-8.273	-8.895	-8.235	-6.359	-3.600	-0.556	1.999	3.293	2.785	0.364
3731	37.30	-3.570	-8.185	-12.438	-15.379	-16.421	-15.489	-13.003	-9.708	-6.439	-3.879
3741	37.40	-2.414	-2.090	-2.672	-3.761	-4.923	-5.796	-6.148	-5.904	-5.121	-3.951
3751	37.50	-2.575	-1.143	0.279	1.722	3.300	5.166	7.418	10.111	13.168	16.412
3761	37.60	19.583	22.371	24.438	25.461	25.171	23.427	20.290	16.082	11.385	6.964
3771	37.70	3.611	1.956	2.309	4.585	8.344	12.926	17.629	21.852	25.186	27.409
3781	37.80	28.451	28.338	27.182	25.186	22.657	19.976	17.524	15.563	14.140	13.053
3791	37.90	11.917	10.316	7.971	4.873	1.300	-2.271	-5.319	-7.446	-8.482	-8.501
3801	38.00	-7.776	-6.702	-5.729	-5.327	-5.949	-7.983	-11.662	-16.941	-23.410	-30.281
3811	38.10	-36.509	-41.019	-42.988	-42.081	-38.550	-33.167	-27.001	-21.126	-16.360	-13.110
3821	38.20	-11.366	-10.797	-10.928	-11.293	-11.544	-11.499	-11.127	-10.516	-9.825	-9.249
3831	38.30	-8.969	-9.123	-9.764	-10.841	-12.203	-13.631	-14.888	-15.776	-16.179	-16.073
3841	38.40	-15.510	-14.583	-13.380	-11.947	-10.269	-8.267	-5.814	-2.775	0.948	5.369
3851	38.50	10.381	15.754	21.165	26.269	30.772	34.499	37.402	39.530	40.950	41.676
3861	38.60	41.624	40.638	38.566	35.357	31.139	26.234	21.101	16.237	12.061	8.844
3871	38.70	6.691	5.563	5.331	5.805	6.745	7.848	8.760	9.114	8.624	7.187
3881	38.80	4.957	2.340	-0.098	-1.795	-2.370	-1.740	-0.142	1.960	4.026	5.601
3891	38.90	6.416	6.400	5.629	4.234	2.333	0.004	-2.693	-5.682	-8.845	-12.039
3901	39.00	-15.145	-18.112	-20.977	-23.840	-26.785	-29.808	-32.759	-35.357	-37.257	-38.149
3911	39.10	-37.859	-36.390	-33.911	-30.691	-27.022	-23.147	-19.242	-15.436	-11.848	-8.617
3921	39.20	-5.907	-3.862	-2.550	-1.911	-1.739	-1.721	-1.517	-0.869	0.305	1.868
3931	39.30	3.480	4.688	5.047	4.255	2.251	-0.749	-4.280	-7.726	-10.436	-11.861
3941	39.40	-11.649	-9.706	-6.212	-1.588	3.576	8.611	12.893	15.965	17.635	18.029
3951	39.50	17.573	16.886	16.607	17.217	18.888	21.436	24.391	27.153	29.190	30.193
3961	39.60	30.132	29.200	27.676	25.787	23.611	21.090	18.123	14.691	10.953	7.257
3971	39.70	4.058	1.787	0.716	0.891	2.148	4.190	6.689	9.357	11.965	14.319
3981	39.80	16.224	17.471	17.866	17.293	15.757	13.412	10.510	7.338	4.128	1.020
3991	39.90	-1.938	-4.742	-7.380	-9.806	-11.966	-13.846	-15.528	-17.203	-19.129	-21.538

Table 7-4-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EHB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-24.531	-27.996	-31.594	-36.804	-37.031	-37.724	-36.502	-33.252	-28.168	-21.868
4011	40.10	-15.154	-9.092	-4.719	-2.826	-3.726	-7.113	-12.077	-17.299	-21.390	-23.278
4021	40.20	-22.503	-19.333	-14.650	-9.643	-5.429	-2.735	-1.741	-2.118	-3.231	-4.405
4031	40.30	-5.138	-5.218	-4.702	-3.806	-2.779	-1.800	-0.942	-0.179	0.574	1.434
4041	40.40	2.536	4.035	6.090	8.833	12.311	16.434	20.943	25.431	29.414	32.432
4051	40.50	34.155	34.430	33.402	31.270	28.409	25.184	21.899	18.754	15.856	13.251
4061	40.60	10.977	9.102	7.742	7.045	7.146	8.106	9.867	12.233	14.888	17.452
4071	40.70	19.555	20.900	21.301	20.693	19.111	16.665	13.523	9.907	6.090	2.390
4081	40.80	-0.868	-3.418	-5.134	-6.089	-6.571	-7.026	-7.953	-9.766	-12.675	-16.627
4091	40.90	-21.317	-26.269	-30.939	-34.828	-37.552	-38.869	-38.687	-37.048	-34.130	-30.237
4101	41.00	-25.794	-21.308	-17.292	-14.165	-12.152	-11.231	-11.155	-11.546	-12.038	-12.421
4111	41.10	-12.708	-13.196	-13.893	-15.233	-17.017	-18.802	-19.873	-19.442	-16.899	-12.042
4121	41.20	-5.197	2.823	10.898	17.874	22.828	25.247	25.092	22.738	18.838	14.174
4131	41.30	9.533	5.621	3.015	2.105	3.036	5.651	9.469	13.733	17.563	20.160
4141	41.40	21.034	20.151	17.950	15.210	12.804	11.428	11.397	12.578	14.476	16.427
4151	41.50	17.824	18.283	17.716	16.281	14.273	12.006	9.727	7.594	5.709	4.154
4161	41.60	3.013	2.362	2.220	2.508	3.032	3.510	3.638	3.175	2.006	0.172
4171	41.70	-2.143	-4.672	-7.132	-9.285	-10.979	-12.158	-12.844	-13.111	-13.059	-12.795
4181	41.80	-12.422	-12.037	-11.728	-11.571	-11.614	-11.862	-12.261	-12.693	-12.996	-13.006
4191	41.90	-12.611	-11.808	-10.731	-9.634	-8.828	-8.581	-9.021	-10.066	-11.426	-12.663
4201	42.00	-13.319	-13.037	-11.665	-9.289	-6.188	-2.750	0.638	3.666	6.134	7.940
4211	42.10	9.040	9.407	9.027	7.918	6.164	3.946	1.544	-0.714	-2.511	-3.621
4221	42.20	-3.960	-3.594	-2.709	-1.543	-0.314	0.840	1.894	2.927	4.094	5.569
4231	42.30	7.484	9.881	12.672	15.645	18.490	20.865	22.480	23.167	22.934	21.965
4241	42.40	20.572	19.117	17.911	17.144	16.854	16.929	17.161	17.302	17.111	16.388
4251	42.50	14.990	12.838	9.939	6.466	2.483	-1.457	-4.951	-7.532	-8.840	-8.737
4261	42.60	-7.366	-5.153	-2.716	-0.732	0.235	-0.146	-1.901	-4.782	-8.355	-12.132
4271	42.70	-15.697	-18.781	-21.273	-23.171	-24.491	-25.191	-25.135	-24.116	-21.950	-18.594
4281	42.80	-14.243	-9.371	-4.682	-0.960	1.115	1.160	-0.798	-4.314	-8.638	-12.908
4291	42.90	-16.371	-18.559	-19.365	-19.026	-17.996	-16.787	-15.812	-15.284	-15.174	-15.249
4301	43.00	-15.150	-14.496	-12.980	-10.448	-6.945	-2.712	1.843	6.229	9.962	12.662
4311	43.10	14.129	14.371	13.584	12.096	10.288	8.521	7.092	6.203	5.961	6.366
4321	43.20	7.315	8.589	9.877	10.818	11.087	10.495	9.074	7.111	5.099	3.614
4331	43.30	3.155	3.997	6.100	9.121	12.508	15.651	18.025	19.294	19.345	18.254
4341	43.40	16.232	13.554	10.527	7.470	4.705	2.539	1.225	0.891	1.496	2.798
4351	43.50	4.389	5.779	6.513	6.282	5.004	2.828	0.085	-2.806	-5.448	-7.541
4361	43.60	-8.920	-9.539	-9.433	-8.660	-7.280	-5.348	-2.951	-0.242	2.530	5.028
4371	43.70	6.879	7.754	7.456	5.984	3.558	0.570	-2.503	-5.209	-7.234	-8.460
4381	43.80	-8.975	-9.029	-8.945	-9.019	-9.444	-10.254	-11.330	-12.437	-13.294	-13.653
4391	43.90	-13.374	-12.462	-11.071	-9.465	-7.945	-6.762	-6.049	-5.783	-5.802	-5.861
4401	44.00	-5.713	-5.189	-4.236	-2.916	-1.358	0.303	1.980	3.658	5.376	7.182
4411	44.10	9.079	10.996	12.773	14.192	15.008	15.001	14.010	11.976	8.967	5.206
4421	44.20	1.086	-2.854	-5.986	-7.708	-7.569	-5.404	-1.398	3.918	9.767	15.287
4431	44.30	19.709	22.491	23.389	22.448	19.936	16.263	11.906	7.366	3.142	-0.290
4441	44.40	-2.523	-3.277	-2.468	-0.253	2.961	6.567	9.854	12.125	12.812	11.572
4451	44.50	8.344	3.373	-2.814	-9.465	-15.713	-20.718	-23.829	-24.724	-23.487	-20.596
4461	44.60	-16.799	-12.935	-9.720	-7.591	-6.646	-6.681	-7.326	-8.196	-9.029	-9.751
4471	44.70	-10.458	-11.342	-12.587	-14.269	-16.298	-18.398	-20.143	-21.030	-20.590	-18.507
4481	44.80	-14.729	-9.537	-3.534	2.456	7.558	11.060	12.589	12.204	10.371	7.820
4491	44.90	5.350	3.630	3.064	3.748	5.510	7.996	10.766	13.363	15.362	16.414

Table 7-4-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EHB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	16.280	14.895	12.403	9.165	5.703	2.586	0.288	-0.937	-1.111	-0.499
4511	45.10	0.495	1.470	2.148	2.434	2.411	2.278	2.268	2.588	3.379	4.705
4521	45.20	6.556	8.844	11.393	13.941	16.157	17.698	18.273	17.719	16.047	13.435
4531	45.30	10.187	6.657	3.174	-0.010	-2.737	-4.938	-6.607	-7.778	-8.509	-8.875
4541	45.40	-8.952	-8.810	-8.489	-7.997	-7.308	-6.387	-5.213	-3.810	-2.247	-0.635
4551	45.50	0.903	2.251	3.321	4.046	4.374	4.258	3.656	2.548	0.951	-1.066
4561	45.60	-3.390	-5.876	-8.379	-10.760	-12.890	-14.635	-15.846	-16.363	-16.055	-14.867
4571	45.70	-12.878	-10.315	-7.525	-4.896	-2.748	-1.246	-0.361	0.104	0.426	0.846
4581	45.80	1.481	2.276	3.032	3.480	3.377	2.581	1.087	-0.981	-3.422	-6.012
4591	45.90	-8.550	-10.881	-12.891	-14.499	-15.641	-16.278	-16.407	-16.077	-15.397	-14.523
4601	46.00	-13.620	-12.815	-12.143	-11.522	-10.759	-9.603	-7.819	-5.282	-2.043	1.653
4611	46.10	5.398	8.714	11.167	12.473	12.569	11.614	9.940	7.958	6.059	4.536
4621	46.20	3.539	3.087	3.088	3.394	3.841	4.278	4.600	4.758	4.774	4.740
4631	46.30	4.802	5.124	5.836	6.991	8.537	10.325	12.163	13.880	15.389	16.711
4641	46.40	17.946	19.206	20.527	21.812	22.829	23.274	22.878	21.514	19.264	16.409
4651	46.50	13.354	10.509	8.179	6.506	5.467	4.944	4.802	4.956	5.389	6.123
4661	46.60	7.161	8.429	9.757	10.902	11.600	11.634	10.884	9.334	7.064	4.215
4671	46.70	0.966	-2.485	-5.917	-9.080	-11.707	-13.541	-14.384	-14.151	-12.911	-10.902
4681	46.80	-8.509	-6.205	-4.469	-3.696	-4.111	-5.713	-8.271	-11.358	-14.453	-17.067
4691	46.90	-18.863	-19.746	-19.870	-19.570	-19.233	-19.157	-19.446	-19.987	-20.510	-20.714
4701	47.00	-20.398	-19.539	-18.305	-16.980	-15.855	-15.120	-14.804	-14.773	-14.780	-14.527
4711	47.10	-13.734	-12.187	-9.778	-6.547	-2.719	1.280	4.849	7.314	8.090	6.875
4721	47.20	3.787	-0.595	-5.343	-9.415	-11.939	-12.449	-10.986	-8.034	-4.319	-0.555
4731	47.30	2.764	5.456	7.601	9.410	11.067	12.628	14.015	15.088	15.750	16.032
4741	47.40	16.103	16.214	16.598	17.375	18.494	19.749	20.849	21.508	21.533	20.873
4751	47.50	19.618	17.962	16.132	14.325	12.656	11.139	9.708	8.259	6.714	5.063
4761	47.60	3.391	1.853	0.624	-0.160	-0.454	-0.309	0.153	0.801	1.555	2.406
4771	47.70	3.399	4.583	5.941	7.355	8.618	9.485	9.758	9.347	8.305	6.797
4781	47.80	5.044	3.250	1.561	0.055	-1.246	-2.342	-3.247	-3.990	-4.643	-5.333
4791	47.90	-6.238	-7.542	-9.379	-11.766	-14.576	-17.545	-20.320	-22.526	-23.833	-24.011
4801	48.00	-22.963	-20.739	-17.546	-13.738	-9.788	-6.228	-3.555	-2.122	-2.046	-3.162
4811	48.10	-5.062	-7.193	-9.015	-10.134	-10.398	-9.894	-8.880	-7.667	-6.509	-5.533
4821	48.20	-4.735	-4.024	-3.286	-2.442	-1.470	-0.393	0.741	1.879	2.971	3.959
4831	48.30	4.766	5.304	5.500	5.337	4.892	4.340	3.917	3.853	4.292	5.230
4841	48.40	6.506	7.851	8.964	9.621	9.735	9.381	8.760	8.126	7.708	7.651
4851	48.50	8.010	8.768	9.885	11.329	13.079	15.102	17.294	19.450	21.261	22.366
4861	48.60	22.443	21.316	19.037	15.900	12.385	9.049	6.378	4.672	3.980	4.107
4871	48.70	4.686	5.290	5.531	5.142	4.011	2.178	-0.199	-2.882	-5.594	-8.057
4881	48.80	-10.026	-11.327	-11.886	-11.755	-11.103	-10.194	-9.328	-8.778	-8.729	-9.243
4891	48.90	-10.251	-11.578	-12.990	-14.247	-15.157	-15.615	-15.626	-15.309	-14.881	-14.607
4901	49.00	-14.746	-15.471	-16.814	-18.631	-20.624	-22.399	-23.576	-23.886	-23.249	-21.792
4911	49.10	-19.803	-17.642	-15.634	-13.988	-12.767	-11.899	-11.240	-10.635	-9.968	-9.182
4921	49.20	-8.270	-7.250	-6.146	-4.986	-3.803	-2.649	-1.597	-0.725	-0.093	0.280
4931	49.30	0.427	0.423	0.360	0.322	0.374	0.564	0.944	1.588	2.591	4.048
4941	49.40	6.003	8.410	11.105	13.829	16.278	18.189	19.411	19.940	19.916	19.557
4951	49.50	19.088	18.663	18.331	18.034	17.655	17.070	16.205	15.058	13.703	12.261
4961	49.60	10.870	9.650	8.688	8.027	7.666	7.568	7.661	7.849	8.027	8.097
4971	49.70	7.995	7.713	7.305	6.884	6.595	6.579	6.933	7.678	8.748	9.996
4981	49.80	11.226	12.229	12.823	12.875	12.320	11.148	9.396	7.130	4.442	1.451
4991	49.90	-1.687	-4.770	-7.554	-9.777	-11.203	-11.673	-11.145	-9.723	-7.639	-5.214

Table 7-4-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-2.794	-0.684	0.892	1.820	2.074	1.701	0.785	-0.568	-2.237	-4.081
5011	50.10	-5.936	-7.628	-8.998	-9.936	-10.404	-10.449	-10.177	-9.718	-9.181	-8.623
5021	50.20	-8.048	-7.433	-6.770	-6.098	-5.515	-5.153	-5.121	-5.456	-6.077	-6.798
5031	50.30	-7.366	-7.526	-7.109	-6.058	-4.446	-2.437	-0.236	1.968	4.032	5.867
5041	50.40	7.430	8.695	9.639	10.238	10.464	10.293	9.712	8.721	7.343	5.634
5051	50.50	3.708	1.741	-0.030	-1.349	-2.001	-1.883	-1.058	0.249	1.702	2.954
5061	50.60	3.761	4.049	3.926	3.623	3.380	3.344	3.508	3.722	3.767	3.458
5071	50.70	2.722	1.630	0.356	-0.900	-1.992	-2.882	-3.632	-4.360	-5.176	-6.132
5081	50.80	-7.213	-8.355	-9.482	-10.532	-11.455	-12.197	-12.672	-12.756	-12.315	-11.251
5091	50.90	-9.563	-7.378	-4.951	-2.613	-0.700	0.525	0.919	0.479	-0.687	-2.395
5101	51.00	-4.432	-6.588	-8.670	-10.517	-11.999	-13.024	-13.540	-13.542	-13.069	-12.194
5111	51.10	-11.014	-9.639	-8.177	-6.726	-5.360	-4.124	-3.023	-2.031	-1.098	-0.177
5121	51.20	0.757	1.698	2.616	3.481	4.297	5.113	6.024	7.126	8.468	10.009
5131	51.30	11.601	13.020	14.033	14.474	14.307	13.645	12.726	11.847	11.288	11.254
5141	51.40	11.835	12.997	14.600	16.413	18.145	19.475	20.097	19.776	18.408	16.056
5151	51.50	12.956	9.472	6.015	2.940	0.475	-1.319	-2.524	-3.306	-3.845	-4.271
5161	51.60	-4.645	-4.967	-5.208	-5.339	-5.356	-5.285	-5.185	-5.150	-5.304	-5.800
5171	51.70	-6.788	-8.376	-10.566	-13.214	-16.022	-18.593	-20.525	-21.529	-21.514	-20.613
5181	51.80	-19.126	-17.409	-15.753	-14.294	-13.005	-11.752	-10.396	-8.880	-7.273	-5.742
5191	51.90	-4.476	-3.596	-3.095	-2.837	-2.606	-2.186	-1.429	-0.287	1.196	2.926
5201	52.00	4.802	6.739	8.666	10.502	12.143	13.464	14.354	14.756	14.713	14.377
5211	52.10	13.979	13.771	13.953	14.614	15.699	17.026	18.325	19.306	19.727	19.450
5221	52.20	18.477	16.948	15.113	13.273	11.696	10.547	9.832	9.392	8.955	8.226
5231	52.30	7.000	5.246	3.134	0.999	-0.758	-1.797	-1.943	-1.241	0.057	1.561
5241	52.40	2.837	3.497	3.267	2.016	-0.233	-3.312	-6.930	-10.698	-14.189	-17.003
5251	52.50	-18.857	-19.659	-19.533	-18.792	-17.849	-17.089	-16.761	-16.915	-17.412	-17.999
5261	52.60	-18.414	-18.480	-18.143	-17.462	-16.557	-15.553	-14.545	-13.598	-12.778	-12.171
5271	52.70	-11.877	-11.978	-12.484	-13.284	-14.159	-14.828	-15.038	-14.654	-13.710	-12.344
5281	52.80	-10.824	-9.355	-8.046	-6.885	-5.766	-4.561	-3.195	-1.673	-0.067	1.538
5291	52.90	3.098	4.644	6.261	8.040	10.012	12.114	14.193	16.060	17.549	18.576
5301	53.00	19.150	19.343	19.239	18.883	18.277	17.398	16.259	14.954	13.678	12.689
5311	53.10	12.239	12.487	13.437	14.929	16.686	18.396	19.804	20.777	21.317	21.536
5321	53.20	21.591	21.625	21.723	21.894	22.083	22.190	22.096	21.672	20.793	19.358
5331	53.30	17.309	14.663	11.540	8.158	4.813	1.811	-0.604	-2.310	-3.338	-3.851
5341	53.40	-4.081	-4.259	-4.542	-4.997	-5.608	-6.326	-7.115	-7.979	-8.951	-10.059
5351	53.50	-11.288	-12.564	-13.767	-14.782	-15.552	-16.106	-16.553	-17.032	-17.642	-18.392
5361	53.60	-19.183	-19.847	-20.209	-20.158	-19.686	-18.877	-17.865	-16.776	-15.681	-14.594
5371	53.70	-13.493	-12.363	-11.226	-10.133	-9.141	-8.267	-7.465	-6.631	-5.646	-4.436
5381	53.80	-3.021	-1.517	-0.116	0.985	1.641	1.797	1.491	0.818	-0.108	-1.197
5391	53.90	-2.379	-3.596	-4.765	-5.759	-6.404	-6.507	-5.896	-4.466	-2.216	0.737
5401	54.00	4.158	7.721	11.048	13.765	15.572	16.300	15.961	14.754	13.026	11.188
5411	54.10	9.618	8.563	8.090	8.094	8.356	8.630	8.724	8.544	8.092	7.435
5421	54.20	6.655	5.814	4.948	4.083	3.253	2.515	1.938	1.568	1.399	1.347
5431	54.30	1.265	0.977	0.335	-0.722	-2.130	-3.702	-5.156	-6.178	-6.503	-5.989
5441	54.40	-4.677	-2.802	-0.763	0.960	1.929	1.865	0.731	-1.250	-3.649	-5.959
5451	54.50	-7.740	-8.732	-8.907	-8.443	-7.624	-6.732	-5.962	-5.398	-5.044	-4.894
5461	54.60	-4.983	-5.609	-6.282	-7.654	-9.448	-11.435	-13.272	-14.594	-15.118	-14.727
5471	54.70	-13.488	-11.617	-9.397	-7.096	-4.913	-2.978	-1.369	-0.158	0.577	0.760
5481	54.80	0.362	-0.560	-1.842	-3.238	-4.469	-5.300	-5.591	-5.324	-4.575	-3.475
5491	54.90	-2.152	-0.708	0.786	2.260	3.627	4.769	5.561	5.919	5.843	5.446

Table 7-4-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	4.939	4.578	4.592	5.120	6.181	7.684	9.474	11.389	13.296	15.104
5511	55.10	16.747	18.152	19.231	19.885	20.043	19.701	18.951	17.962	16.940	16.060
5521	55.20	15.407	14.951	14.571	14.105	13.413	12.424	11.147	9.649	8.026	6.373
5531	55.30	4.777	3.328	2.131	1.298	0.919	1.010	1.468	2.061	2.468	2.368
5541	55.40	1.541	-0.047	-2.223	-4.651	-6.938	-8.755	-9.926	-10.467	-10.555	-10.449
5551	55.50	-10.397	-10.568	-11.016	-11.696	-12.501	-13.310	-14.021	-14.568	-14.921	-15.073
5561	55.60	-15.039	-14.842	-14.511	-14.076	-13.562	-12.979	-12.322	-11.579	-10.768	-9.846
5571	55.70	-8.927	-8.075	-7.388	-6.945	-6.776	-6.837	-7.007	-7.107	-6.939	-6.347
5581	55.80	-5.260	-3.728	-1.921	-0.090	1.501	2.651	3.284	3.486	3.465	3.507
5591	55.90	3.867	4.699	6.007	7.650	9.403	11.028	12.344	13.265	13.793	13.985
5601	56.00	13.902	13.589	13.066	12.354	11.504	10.609	9.795	9.189	8.873	8.860
5611	56.10	9.087	9.446	9.816	10.100	10.241	10.215	10.014	9.627	9.045	8.271
5621	56.20	7.340	6.325	5.321	4.412	3.626	2.914	2.156	1.207	-0.044	-1.611
5631	56.30	-3.395	-5.205	-6.819	-8.060	-8.857	-9.262	-9.420	-9.511	-9.685	-10.018
5641	56.40	-10.502	-11.068	-11.629	-12.114	-12.483	-12.718	-12.803	-12.702	-12.364	-11.737
5651	56.50	-10.797	-9.576	-8.165	-6.701	-5.329	-4.166	-3.272	-2.645	-2.234	-1.967
5661	56.60	-1.774	-1.600	-1.408	-1.175	-0.887	-0.538	-0.141	0.275	0.662	0.974
5671	56.70	1.186	1.313	1.416	1.581	1.890	2.387	3.058	3.843	4.643	5.442
5681	56.80	6.233	7.025	7.904	8.916	10.046	11.203	12.255	13.075	13.595	13.835
5691	56.90	13.888	13.867	13.840	13.786	13.591	13.092	12.155	10.743	8.949	6.977
5701	57.00	5.081	3.479	2.292	1.513	1.035	0.697	0.343	-0.139	-0.803	-1.654
5711	57.10	-2.666	-3.793	-4.964	-6.080	-7.017	-7.646	-7.866	-7.646	-7.042	-6.197
5721	57.20	-5.302	-4.546	-4.068	-3.937	-4.150	-4.660	-5.405	-6.332	-7.396	-8.551
5731	57.30	-9.737	-10.877	-11.887	-12.695	-13.257	-13.558	-13.605	-13.408	-12.971	-12.295
5741	57.40	-11.394	-10.314	-9.145	-8.009	-7.026	-6.276	-5.777	-5.481	-5.302	-5.158
5751	57.50	-5.005	-4.844	-4.710	-4.637	-4.630	-4.655	-4.660	-4.612	-4.520	-4.443
5761	57.60	-4.462	-4.630	-4.928	-5.248	-5.414	-5.240	-4.596	-3.455	-1.900	-0.093
5771	57.70	1.782	3.577	5.206	6.667	7.913	9.022	9.982	10.789	11.447	11.986
5781	57.80	12.456	12.919	13.407	13.900	14.315	14.528	14.417	13.905	12.997	11.787
5791	57.90	10.439	9.148	8.103	7.448	7.269	7.587	8.360	9.481	10.793	12.093
5801	58.00	13.162	13.796	13.851	13.275	12.134	10.598	8.908	7.322	6.047	5.193
5811	58.10	4.741	4.568	4.392	4.027	3.255	1.979	0.232	-1.837	-4.005	-6.039
5821	58.20	-7.762	-9.087	-10.032	-10.687	-11.174	-11.596	-12.012	-12.431	-12.825	-13.153
5831	58.30	-13.380	-13.481	-13.439	-13.239	-12.874	-12.354	-11.724	-11.068	-10.494	-10.101
5841	58.40	-9.939	-9.979	-10.124	-10.241	-10.220	-10.030	-9.737	-9.487	-9.443	-9.714
5851	58.50	-10.308	-11.121	-11.967	-12.644	-12.992	-12.922	-12.415	-11.493	-10.181	-8.493
5861	58.60	-6.439	-4.055	-1.430	1.284	3.894	6.204	8.059	9.380	10.158	10.437
5871	58.70	10.285	9.774	8.978	7.992	6.946	6.006	5.355	5.151	5.483	6.343
5881	58.80	7.621	9.129	10.648	11.974	12.949	13.492	13.599	13.341	12.853	12.311
5891	58.90	11.903	11.788	12.055	12.698	13.612	14.616	15.502	16.088	16.260	15.980
5901	59.00	15.277	14.213	12.855	11.260	9.482	7.581	5.642	3.774	2.087	0.673
5911	59.10	-0.418	-1.176	-1.625	-1.797	-1.721	-1.424	-0.950	-0.374	0.189	0.599
5921	59.20	0.732	0.520	-0.022	-0.788	-1.625	-2.373	-2.925	-3.248	-3.388	-3.442
5931	59.30	-3.527	-3.742	-4.159	-4.815	-5.716	-6.833	-8.101	-9.418	-10.649	-11.655
5941	59.40	-12.321	-12.591	-12.485	-12.085	-11.509	-10.866	-10.231	-9.630	-9.062	-8.521
5951	59.50	-8.026	-7.621	-7.363	-7.295	-7.421	-7.697	-8.043	-8.368	-8.595	-8.675
5961	59.60	-8.584	-8.310	-7.846	-7.189	-6.351	-5.374	-4.339	-3.353	-2.523	-1.920
5971	59.70	-1.555	-1.365	-1.235	-1.036	-0.656	-0.040	0.809	1.833	2.944	4.046
5981	59.80	5.059	5.925	6.613	7.114	7.431	7.574	7.549	7.360	7.014	6.539
5991	59.90	6.002	5.519	5.241	5.328	5.886	6.922	8.307	9.791	11.063	11.833

Table 7-4-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	11.926	11.337	10.225	8.863	7.548	6.507	5.845	5.533	5.448	5.423
6011	60.10	5.310	5.002	4.448	3.635	2.581	1.326	-0.064	-1.492	-2.838	-3.976
6021	60.20	-4.806	-5.273	-5.385	-5.192	-4.770	-4.189	-3.500	-2.736	-1.929	-1.124
6031	60.30	-0.393	0.177	0.501	0.517	0.201	-0.429	-1.319	-2.393	-3.554	-4.696
6041	60.40	-5.705	-6.474	-6.925	-7.027	-6.811	-6.369	-5.820	-5.275	-4.803	-4.405
6051	60.50	-4.033	-3.618	-3.107	-2.488	-1.791	-1.062	-0.339	0.370	1.084	1.817
6061	60.60	2.552	3.226	3.735	3.972	3.875	3.455	2.802	2.057	1.363	0.826
6071	60.70	0.497	0.378	0.450	0.702	1.139	1.766	2.566	3.473	4.375	5.137
6081	60.80	5.644	5.838	5.730	5.389	4.902	4.337	3.718	3.035	2.270	1.432
6091	60.90	0.582	-0.175	-0.719	-0.957	-0.865	-0.495	0.025	0.533	0.863	0.883
6101	61.00	0.512	-0.265	-1.400	-2.785	-4.256	-5.620	-6.681	-7.284	-7.360	-6.949
6111	61.10	-6.202	-5.347	-4.627	-4.238	-4.278	-4.728	-5.473	-6.348	-7.196	-7.911
6121	61.20	-8.459	-8.666	-9.188	-9.471	-9.728	-9.928	-10.015	-9.931	-9.648	-9.186
6131	61.30	-8.614	-8.036	-7.557	-7.255	-7.157	-7.235	-7.413	-7.595	-7.696	-7.662
6141	61.40	-7.484	-7.188	-6.812	-6.386	-5.908	-5.346	-4.651	-3.783	-2.742	-1.586
6151	61.50	-0.423	0.611	1.397	1.879	2.089	2.148	2.239	2.556	3.242	4.353
6161	61.60	5.839	7.570	9.372	11.086	12.602	13.870	14.891	15.681	16.242	16.551
6171	61.70	16.572	16.288	15.731	15.001	14.253	13.653	13.325	13.302	13.564	13.760
6181	61.80	13.853	13.585	12.838	11.602	9.978	8.148	6.328	4.721	3.680	2.680
6191	61.90	2.315	2.304	2.515	2.797	3.011	3.066	2.931	2.631	2.221	1.752
6201	62.00	1.234	0.627	-0.144	-1.156	-2.441	-3.959	-5.595	-7.191	-8.595	-9.707
6211	62.10	-10.504	-11.032	-11.372	-11.598	-11.746	-11.811	-11.760	-11.563	-11.207	-10.704
6221	62.20	-10.069	-9.307	-8.399	-7.320	-6.060	-4.662	-3.236	-1.941	-0.946	-0.364
6231	62.30	-0.214	-0.401	-0.742	-1.020	-1.050	-0.732	-0.067	0.858	1.905	2.936
6241	62.40	3.847	4.585	5.153	5.594	5.976	6.370	6.838	7.411	8.084	8.808
6251	62.50	9.500	10.061	10.408	10.495	10.335	9.988	9.549	9.112	8.746	8.475
6261	62.60	8.284	8.130	7.962	7.735	7.414	6.977	6.408	5.696	4.848	3.889
6271	62.70	2.873	1.875	0.974	0.235	-0.307	-0.660	-0.861	-0.961	-1.015	-1.064
6281	62.80	-1.138	-1.261	-1.459	-1.755	-2.162	-2.671	-3.238	-3.789	-4.244	-4.542
6291	62.90	-4.674	-4.694	-4.708	-4.844	-5.206	-5.836	-6.697	-7.676	-8.620	-9.381
6301	63.00	-9.851	-9.990	-9.828	-9.449	-8.963	-8.481	-8.091	-7.851	-7.780	-7.864
6311	63.10	-8.060	-8.296	-8.486	-8.539	-8.374	-7.941	-7.227	-6.266	-5.133	-3.929
6321	63.20	-2.766	-1.750	-0.966	-0.472	-0.289	-0.400	-0.748	-1.239	-1.752	-2.160
6331	63.30	-2.355	-2.280	-1.965	-1.431	-0.873	-0.422	-0.198	-0.260	-0.585	-1.080
6341	63.40	-1.617	-2.071	-2.357	-2.450	-2.380	-2.210	-2.009	-1.830	-1.696	-1.611
6351	63.50	-1.564	-1.543	-1.543	-1.554	-1.559	-1.528	-1.418	-1.188	-0.812	-0.294
6361	63.60	0.326	0.979	1.576	2.026	2.248	2.186	1.814	1.148	0.250	-0.762
6371	63.70	-1.722	-2.434	-2.709	-2.410	-1.496	-0.049	1.730	3.565	5.168	6.310
6381	63.80	6.878	6.898	6.514	5.939	5.390	5.027	4.925	5.070	5.387	5.783
6391	63.90	6.178	6.526	6.517	7.059	7.256	7.396	7.444	7.352	7.077	6.592
6401	64.00	5.904	5.048	4.086	3.096	2.165	1.380	0.817	0.537	0.568	0.898
6411	64.10	1.461	2.148	2.813	3.308	3.504	3.328	2.769	1.885	0.786	-0.393
6421	64.20	-1.517	-2.470	-3.175	-3.595	-3.739	-3.654	-3.422	-3.144	-2.926	-2.854
6431	64.30	-2.974	-3.278	-3.705	-4.153	-4.508	-4.673	-4.590	-4.254	-3.697	-2.980
6441	64.40	-2.167	-1.314	-0.466	0.334	1.042	1.608	1.988	2.158	2.135	1.980
6451	64.50	1.788	1.665	1.689	1.884	2.212	2.583	2.890	3.046	3.021	2.845
6461	64.60	2.598	2.372	2.238	2.215	2.272	2.344	2.364	2.298	2.157	1.993
6471	64.70	1.872	1.842	1.909	2.036	2.159	2.220	2.190	2.087	1.961	1.866
6481	64.80	1.827	1.819	1.769	1.587	1.203	0.602	-0.164	-0.991	-1.759	-2.368
6491	64.90	-2.773	-2.984	-3.050	-3.035	-2.988	-2.936	-2.890	-2.857	-2.851	-2.889

Table 7-4-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-2.979	-3.109	-3.245	-3.338	-3.358	-3.314	-3.265	-3.299	-3.500	-3.899
6511	65.10	-4.449	-5.037	-5.516	-5.768	-5.748	-5.497	-5.121	-4.736	-4.413	-4.149
6521	65.20	-3.877	-3.505	-2.974	-2.293	-1.542	-0.838	-0.281	0.088	0.301	0.442
6531	65.30	0.597	0.817	1.091	1.367	1.580	1.700	1.747	1.783	1.875	2.055
6541	65.40	2.295	2.512	2.600	2.483	2.145	1.647	1.099	0.626	0.317	0.194
6551	65.50	0.222	0.309	0.360	0.297	0.088	-0.258	-0.693	-1.151	-1.564	-1.864
6561	65.60	-1.995	-1.913	-1.586	-1.001	-0.175	0.838	1.940	2.995	3.844	4.333
6571	65.70	4.355	3.876	2.963	1.773	0.520	-0.576	-1.351	-1.733	-1.754	-1.524
6581	65.80	-1.185	-0.855	-0.598	-0.420	-0.289	-0.171	-0.053	0.059	0.161	0.275
6591	65.90	0.467	0.834	1.462	2.378	3.518	4.730	5.813	6.583	6.938	6.882
6601	66.00	6.512	5.966	5.361	4.753	4.125	3.428	2.624	1.733	0.840	0.071
6611	66.10	-0.451	-0.658	-0.554	-0.209	0.274	0.799	1.300	1.740	2.093	2.326
6621	66.20	2.387	2.224	1.809	1.165	0.381	-0.416	-1.090	-1.547	-1.764	-1.784
6631	66.30	-1.693	-1.579	-1.492	-1.436	-1.378	-1.260	-1.137	-0.989	-0.916	-1.010
6641	66.40	-1.335	-1.899	-2.644	-3.463	-4.231	-4.848	-5.255	-5.451	-5.480	-5.408
6651	66.50	-5.302	-5.215	-5.182	-5.223	-5.355	-5.591	-5.937	-6.382	-6.879	-7.340
6661	66.60	-7.639	-7.631	-7.179	-6.197	-4.673	-2.691	-0.427	1.882	3.970	5.597
6671	66.70	6.586	6.858	6.440	5.457	4.100	2.591	1.138	-0.101	-1.041	-1.671
6681	66.80	-2.038	-2.218	-2.285	-2.282	-2.207	-2.025	-1.688	-1.165	-0.466	0.347
6691	66.90	1.173	1.896	2.419	2.698	2.750	2.652	2.511	2.433	2.488	2.693
6701	67.00	3.006	3.344	3.610	3.724	3.640	3.357	2.912	2.361	1.763	1.162
6711	67.10	0.586	0.053	-0.417	-0.798	-1.051	-1.135	-1.024	-0.716	-0.247	0.324
6721	67.20	0.920	1.475	1.938	2.286	2.508	2.602	2.564	2.393	2.098	1.718
6731	67.30	1.323	1.000	0.830	0.855	1.048	1.318	1.533	1.569	1.363	0.941
6741	67.40	0.417	-0.044	-0.287	-0.226	0.123	0.647	1.174	1.536	1.612	1.383
6751	67.50	0.903	0.287	-0.343	-0.889	-1.302	-1.581	-1.752	-1.847	-1.891	-1.895
6761	67.60	-1.865	-1.806	-1.736	-1.680	-1.663	-1.699	-1.782	-1.884	-1.970	-2.007
6771	67.70	-1.983	-1.909	-1.816	-1.737	-1.694	-1.677	-1.646	-1.545	-1.325	-0.974
6781	67.80	-0.534	-0.096	0.226	0.332	0.181	-0.190	-0.668	-1.102	-1.357	-1.359
6791	67.90	-1.131	-0.779	-0.459	-0.314	-0.419	-0.755	-1.211	-1.627	-1.848	-1.777
6801	68.00	-1.401	-0.788	-0.056	0.668	1.283	1.733	2.005	2.107	2.055	1.859
6811	68.10	1.531	1.100	0.625	0.204	-0.047	-0.017	0.360	1.073	2.031	3.078
6821	68.20	4.028	4.719	5.051	5.005	4.640	4.066	3.409	2.778	2.247	1.854
6831	68.30	1.609	1.510	1.543	1.692	1.921	2.182	2.407	2.532	2.510	2.328
6841	68.40	2.010	1.611	1.199	0.831	0.546	0.360	0.281	0.316	0.480	0.783
6851	68.50	1.217	1.738	2.264	2.682	2.886	2.807	2.436	1.833	1.100	0.351
6861	68.60	-0.331	-0.910	-1.401	-1.842	-2.271	-2.694	-3.085	-3.400	-3.594	-3.651
6871	68.70	-3.587	-3.443	-3.260	-3.059	-2.832	-2.549	-2.186	-1.749	-1.297	-0.928
6881	68.80	-0.757	-0.867	-1.274	-1.900	-2.592	-3.166	-3.468	-3.432	-3.115	-2.681
6891	68.90	-2.351	-2.332	-2.737	-3.545	-4.602	-5.662	-6.471	-6.833	-6.669	-6.025
6901	69.00	-5.037	-3.882	-2.719	-1.656	-0.738	0.027	0.646	1.118	1.430	1.568
6911	69.10	1.536	1.368	1.120	0.855	0.622	0.438	0.286	0.133	-0.052	-0.281
6921	69.20	-0.538	-0.786	-0.979	-1.068	-1.009	-0.758	-0.277	0.461	1.451	2.636
6931	69.30	3.895	5.056	5.921	6.326	6.181	5.502	4.407	3.085	1.740	0.546
6941	69.40	-0.386	-1.015	-1.345	-1.410	-1.250	-0.905	-0.424	0.127	0.665	1.103
6951	69.50	1.368	1.433	1.322	1.110	0.899	0.781	0.810	0.979	1.221	1.431
6961	69.60	1.494	1.327	0.905	0.270	-0.475	-1.192	-1.751	-2.066	-2.121	-1.967
6971	69.70	-1.708	-1.459	-1.306	-1.280	-1.362	-1.496	-1.630	-1.742	-1.853	-2.008
6981	69.80	-2.247	-2.572	-2.927	-3.215	-3.325	-3.177	-2.750	-2.093	-1.305	-0.503
6991	69.90	0.207	0.754	1.096	1.216	1.115	0.808	0.336	-0.225	-0.770	-1.187

Table 7-4-15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EHB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-1.396	-1.380	-1.204	-0.996	-0.897	-1.009	-1.343	-1.814	-2.262	-2.516
7011	70.10	-2.448	-2.016	-1.269	-0.311	0.733	1.764	2.718	3.557	4.250	4.755
7021	70.20	5.024	5.016	4.734	4.238	3.641	3.080	2.665	2.448	2.401	2.438
7031	70.30	2.453	2.366	2.159	1.876	1.602	1.428	1.406	1.543	1.801	2.131
7041	70.40	2.499	2.905	3.386	3.985	4.725	5.581	6.475	7.295	7.925	8.282
7051	70.50	8.337	8.116	7.680	7.097	6.414	5.645	4.787	3.834	2.802	1.737
7061	70.60	0.708	-0.221	-1.013	-1.670	-2.232	-2.766	-3.232	-3.665	-3.967	-4.040
7071	70.70	-3.797	-3.211	-2.333	-1.287	-0.237	0.654	1.265	1.532	1.451	1.057
7081	70.80	0.402	-0.455	-1.456	-2.541	-3.643	-4.699	-5.655	-6.484	-7.183	-7.773
7091	70.90	-8.271	-8.679	-8.969	-9.093	-9.002	-8.676	-8.144	-7.479	-6.785	-6.164
7101	71.00	-5.688	-5.385	-5.238	-5.205	-5.231	-5.268	-5.268	-5.186	-4.980	-4.598
7111	71.10	-4.013	-3.227	-2.289	-1.284	-0.319	0.504	1.123	1.523	1.741	1.845
7121	71.20	1.913	2.013	2.192	2.473	2.858	3.339	3.893	4.495	5.111	5.709
7131	71.30	6.266	6.769	7.219	7.621	7.969	8.238	8.379	8.324	8.007	7.388
7141	71.40	6.470	5.309	4.010	2.711	1.552	0.653	0.091	-0.118	-0.019	0.284
7151	71.50	0.652	0.937	1.016	0.818	0.344	-0.336	-1.102	-1.818	-2.368	-2.686
7161	71.60	-2.770	-2.679	-2.513	-2.387	-2.406	-2.645	-3.134	-3.852	-4.728	-5.650
7171	71.70	-6.485	-7.111	-7.438	-7.442	-7.163	-6.693	-6.148	-5.625	-5.176	-4.797
7181	71.80	-4.438	-4.036	-3.539	-2.932	-2.237	-1.501	-0.771	-0.082	0.550	1.117
7191	71.90	1.613	2.024	2.331	2.521	2.603	2.609	2.592	2.606	2.692	2.860
7201	72.00	3.096	3.364	3.634	3.880	4.087	4.241	4.323	4.306	4.169	3.911
7211	72.10	3.570	3.219	2.959	2.880	3.035	3.408	3.919	4.441	4.839	5.002
7221	72.20	4.877	4.468	3.831	3.048	2.211	1.396	0.665	0.057	-0.406	-0.723
7231	72.30	-0.912	-1.008	-1.057	-1.104	-1.181	-1.296	-1.431	-1.552	-1.619	-1.605
7241	72.40	-1.505	-1.338	-1.145	-0.977	-0.883	-0.904	-1.061	-1.354	-1.756	-2.213
7251	72.50	-2.651	-2.980	-3.117	-3.002	-2.625	-2.035	-1.337	-0.676	-0.199	-0.022
7261	72.60	-0.193	-0.679	-1.373	-2.125	-2.771	-3.181	-3.278	-3.052	-2.550	-1.856
7271	72.70	-1.068	-0.282	0.425	0.992	1.381	1.570	1.560	1.367	1.031	0.600
7281	72.80	0.129	-0.335	-0.758	-1.122	-1.420	-1.646	-1.793	-1.851	-1.807	-1.660
7291	72.90	-1.419	-1.104	-0.744	-0.366	0.009	0.368	0.695	0.975	1.183	1.299
7301	73.00	1.319	1.260	1.171	1.115	1.146	1.291	1.526	1.789	2.001	2.099
7311	73.10	2.065	1.936	1.786	1.695	1.710	1.820	1.959	2.033	1.952	1.668
7321	73.20	1.192	0.584	-0.066	-0.667	-1.149	-1.469	-1.611	-1.578	-1.388	-1.079
7331	73.30	-0.714	-0.377	-0.163	-0.154	-0.396	-0.881	-1.543	-2.280	-2.983	-3.568
7341	73.40	-3.992	-4.259	-4.401	-4.458	-4.456	-4.401	-4.282	-4.085	-3.809	-3.476
7351	73.50	-3.124	-2.803	-2.555	-2.404	-2.342	-2.331	-2.308	-2.200	-1.941	-1.697
7361	73.60	-0.879	-0.149	0.590	1.221	1.649	1.831	1.795	1.632	1.461	1.389
7371	73.70	1.471	1.690	1.974	2.228	2.383	2.431	2.432	2.493	2.723	3.184
7381	73.80	3.869	4.700	5.555	6.316	6.908	7.314	7.570	7.737	7.863	7.962
7391	73.90	8.012	7.966	7.787	7.459	7.006	6.470	5.898	5.316	4.714	4.060
7401	74.00	3.310	2.439	1.459	0.420	-0.598	-1.508	-2.236	-2.741	-3.017	-3.091
7411	74.10	-3.010	-2.827	-2.599	-2.375	-2.196	-2.090	-2.069	-2.127	-2.241	-2.382
7421	74.20	-2.526	-2.666	-2.821	-3.026	-3.326	-3.767	-4.287	-4.899	-5.504	-6.003
7431	74.30	-6.303	-6.342	-6.099	-5.601	-4.908	-4.101	-3.258	-2.446	-1.707	-1.062
7441	74.40	-0.516	-0.063	0.298	0.568	0.739	0.810	0.791	0.716	0.639	0.636
7451	74.50	0.777	1.110	1.634	2.294	2.982	3.560	3.896	3.896	3.526	2.826
7461	74.60	1.897	0.884	-0.057	-0.784	-1.195	-1.246	-0.956	-0.406	0.282	0.964
7471	74.70	1.515	1.856	1.977	1.930	1.812	1.725	1.735	1.845	1.997	2.090
7481	74.80	2.018	1.715	1.172	0.444	-0.371	-1.160	-1.826	-2.304	-2.565	-2.618
7491	74.90	-2.499	-2.269	-2.006	-1.802	-1.747	-1.904	-2.288	-2.854	-3.492	-4.062

Table 7-4-16 TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1196 713-GR-1-2 HA. (HA.) YOSHIDAGAWA EHB. MAX. ACC. = -69.298 (GAL) T= 21.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-4.421	-4.472	-4.188	-3.618	-2.862	-2.041	-1.255	-0.561	0.034	0.560
7511	75.10	1.055	1.543	2.026	2.475	2.854	3.130	3.296	3.372	3.406	3.453
7521	75.20	3.560	3.746	3.991	4.246	4.442	4.522	4.444	4.290	4.068	3.883
7531	75.30	3.809	3.879	4.071	4.316	4.534	4.661	4.686	4.649	4.622	4.674
7541	75.40	4.831	5.059	5.269	5.353	5.224	4.849	4.258	3.527	2.743	1.963
7551	75.50	1.199	0.418	-0.429	-1.375	-2.412	-3.485	-4.507	-5.392	-6.084	-6.573
7561	75.60	-6.899	-7.132	-7.347	-7.608	-7.949	-8.376	-8.872	-9.407	-9.938	-10.421
7571	75.70	-10.814	-11.081	-11.206	-11.202	-11.114	-11.007	-10.954	-11.007	-11.174	-11.414
7581	75.80	-11.646	-11.774	-11.725	-11.473	-11.053	-10.546	-10.040	-9.601	-9.235	-8.886
7591	75.90	-8.457	-7.848	-7.003	-5.935	-4.725	-3.500	-2.384	-1.454	-0.716	-0.108
7601	76.00	0.472	1.125	1.905	2.801	3.747	4.642	5.396	5.956	6.327	6.561
7611	76.10	6.733	6.914	7.146	7.428	7.724	7.983	8.154	8.213	8.160	8.023
7621	76.20	7.837	7.632	7.424	7.209	6.976	6.715	6.434	6.158	5.922	5.756
7631	76.30	5.663	5.613	5.548	5.403	5.131	4.734	4.262	3.800	3.436	3.222
7641	76.40	3.148	3.147	3.120	2.980	2.690	2.281	1.840	1.476	1.270	1.248

Table 7-5-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1197 713-GR-1-2 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 32.358 (GAL) T= 21.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	5.418	9.554	12.701	14.550	15.004	14.179	12.405	10.193	8.162	6.886
11	0.10	6.705	7.570	9.015	10.303	10.733	9.988	8.350	6.663	5.997	7.139
21	0.20	10.123	14.057	17.356	18.348	16.024	10.581	3.510	-2.874	-6.297	-5.440
31	0.30	-0.522	6.726	13.694	17.893	17.907	13.914	7.566	1.298	-2.644	-3.038
41	0.40	-0.077	4.826	9.685	12.750	13.145	11.091	7.688	4.378	2.343	2.089
51	0.50	3.339	5.247	6.804	7.252	6.357	4.448	2.245	0.554	-0.052	0.570
61	0.60	2.091	3.863	5.180	5.571	4.986	3.824	2.752	2.405	3.065	4.486
71	0.70	5.968	6.542	5.595	3.030	-0.495	-3.782	-5.555	-5.014	-2.228	1.818
81	0.80	5.588	7.617	7.140	4.446	0.771	-2.227	-3.193	-1.694	1.566	5.030
91	0.90	6.954	6.181	2.676	-2.412	-7.188	-9.768	-9.044	-5.133	0.662	6.347
101	1.00	10.000	10.469	7.760	2.977	-2.143	-5.892	-7.202	-5.967	-3.002	0.349
111	1.10	2.754	3.403	2.272	0.068	-2.102	-3.212	-2.737	-0.856	1.646	3.719
121	1.20	4.502	3.682	1.618	-0.833	-2.692	-3.286	-2.524	-0.905	0.734	1.621
131	1.30	1.392	0.233	-1.249	-2.355	-2.643	-2.138	-1.284	-0.684	-0.764	-1.535
141	1.40	-2.579	-3.275	-3.136	-2.081	-0.503	0.917	1.555	1.172	0.056	-1.103
151	1.50	-1.559	-0.901	0.690	2.461	3.384	2.614	-0.106	-4.257	-8.674	-11.946
161	1.60	-12.930	-11.190	-7.180	-2.116	2.423	5.019	4.891	2.152	-2.224	-6.725
171	1.70	-9.804	-10.381	-8.196	-3.881	1.281	5.805	8.513	8.917	7.314	4.584
181	1.80	1.778	-0.342	-1.581	-2.323	-3.243	-4.888	-7.307	-9.928	-11.745	-11.751
191	1.90	-9.422	-5.036	0.325	5.114	7.858	7.698	4.690	-0.214	-5.523	-9.724
201	2.00	-11.776	-11.403	-9.094	-5.844	-2.755	-0.653	0.153	-0.106	-0.819	-1.286
211	2.10	-1.009	0.110	1.729	3.196	3.798	3.046	0.881	-2.262	-5.574	-8.134
221	2.20	-9.218	-8.545	-6.367	-3.373	-0.443	1.636	2.402	1.816	0.212	-1.859
231	2.30	-3.799	-5.103	-5.433	-4.651	-2.830	-0.276	2.466	4.668	5.574	4.642
241	2.40	1.806	-2.356	-6.677	-9.697	-10.158	-7.497	-2.165	4.412	10.240	13.414
251	2.50	12.786	8.385	1.434	-6.059	-11.968	-14.735	-13.824	-9.804	-4.068	1.682
261	2.60	5.975	7.956	7.526	5.233	2.004	-1.162	-3.460	-4.440	-4.060	-2.645
271	2.70	-0.770	0.913	1.867	1.847	0.984	-0.246	-1.203	-1.348	-0.496	1.054
281	2.80	2.603	3.331	2.664	0.585	-2.279	-4.847	-5.996	-5.033	-2.008	2.248
291	2.90	6.410	9.141	9.576	7.597	3.827	-0.654	-4.706	-7.478	-8.570	-8.002
301	3.00	-6.050	-3.093	0.457	4.134	7.363	9.498	9.968	8.523	5.437	1.541
311	3.10	-1.988	-4.042	-4.016	-2.074	0.892	3.630	5.049	4.674	2.812	0.375
321	3.20	-1.566	-2.262	-1.588	-0.025	1.636	2.713	2.940	2.533	2.006	1.846
331	3.30	2.248	3.039	3.810	4.172	3.965	3.317	2.522	1.835	1.316	0.819
341	3.40	0.145	-0.766	-1.711	-2.281	-2.081	-0.983	0.721	2.399	3.351	3.163
351	3.50	1.943	0.313	-0.868	-0.904	0.389	2.582	4.820	6.207	6.206	4.858
361	3.60	2.735	0.661	-0.653	-0.874	-0.120	1.180	2.520	3.528	4.061	4.160
371	3.70	3.940	3.490	2.842	2.011	1.053	0.087	-0.737	-1.307	-1.599	-1.668
381	3.80	-1.587	-1.383	-1.016	-0.442	0.293	0.988	1.331	1.049	0.110	-1.167
391	3.90	-2.167	-2.248	-1.083	1.077	3.403	4.797	4.409	2.104	-1.341	-4.490
401	4.00	-5.843	-4.547	-0.871	3.799	7.487	8.468	6.057	0.975	-4.876	-9.161
411	4.10	-10.067	-7.052	-1.091	5.694	10.849	12.503	10.046	4.308	-2.779	-8.885
421	4.20	-12.073	-11.411	-7.230	-0.974	5.281	9.482	10.233	7.250	1.488	-5.116
431	4.30	-10.226	-11.877	-9.192	-2.767	5.419	12.624	16.285	14.970	8.950	0.158
441	4.40	-8.473	-14.080	-14.911	-10.938	-3.817	3.791	9.243	10.864	8.464	3.266
451	4.50	-2.679	-7.308	-9.247	-8.171	-4.734	-0.193	4.076	6.970	7.884	6.712
461	4.60	3.776	-0.294	-4.664	-8.407	-10.658	-10.813	-8.725	-4.815	-0.004	4.508
471	4.70	7.626	8.698	7.711	5.259	2.294	-0.236	-1.699	-1.948	-1.281	-0.254
481	4.80	0.566	0.797	0.335	-0.675	-1.933	-3.099	-3.887	-4.129	-3.809	-3.071
491	4.90	-2.199	-1.545	-1.415	-1.941	-2.985	-4.129	-4.793	-4.444	-2.829	-0.126

Table 7-5-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1197 713-GR-1-2 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 32.358 (GAL) T= 21.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	3.056	5.852	7.431	7.292	5.448	2.426	-0.920	-3.708	-5.316	-5.569
511	5.10	-4.746	-3.430	-2.256	-1.662	-1.722	-2.143	-2.400	-1.987	-0.664	1.372
521	5.20	3.500	4.880	4.783	2.946	-0.230	-3.728	-6.252	-6.724	-4.760	-0.899
531	5.30	3.543	6.969	8.155	6.774	3.554	-0.042	-2.477	-2.839	-1.275	1.091
541	5.40	2.706	2.371	-0.132	-3.869	-7.147	-8.306	-6.529	-2.291	2.789	6.626
551	5.50	7.581	5.185	0.333	-5.114	-9.145	-10.438	-8.852	-5.369	-1.540	1.261
561	5.60	2.439	2.347	1.986	2.403	4.097	6.713	9.165	10.119	8.611	4.523
571	5.70	-1.280	-7.207	-11.489	-12.791	-10.678	-5.775	0.427	6.041	9.369	9.430
581	5.80	6.258	0.881	-5.005	-9.587	-11.517	-10.350	-6.668	-1.846	2.461	4.934
591	5.90	5.065	3.310	0.856	-0.901	-0.964	0.845	3.799	6.579	7.828	6.732
601	6.00	3.383	-1.233	-5.593	-8.218	-8.219	-5.632	-1.403	2.953	5.870	6.262
611	6.10	3.869	-0.676	-6.055	-10.685	-13.194	-12.811	-9.577	-4.307	1.667	6.876
621	6.20	10.129	10.811	9.021	5.486	1.309	-2.344	-4.582	-4.982	-3.653	-1.139
631	6.30	1.773	4.290	5.821	6.108	5.252	3.646	1.822	0.272	-0.711	-1.126
641	6.40	-1.236	-1.442	-2.087	-3.270	-4.755	-6.029	-6.491	-5.713	-3.656	-0.737
651	6.50	2.294	4.621	5.680	5.367	4.052	2.401	1.059	0.376	0.272	0.318
661	6.60	-0.006	-1.012	-2.612	-4.313	-5.425	-5.372	-3.977	-1.572	1.106	3.192
671	6.70	4.021	3.385	1.587	-0.690	-2.651	-3.676	-3.517	-2.330	-0.561	1.249
681	6.80	2.663	3.467	3.679	3.463	3.014	2.657	1.816	1.062	0.191	-0.696
691	6.90	-1.373	-1.546	-0.979	0.379	2.302	4.310	5.791	6.203	5.274	3.118
701	7.00	0.219	-2.723	-5.023	-6.227	-6.235	-5.282	-3.793	-2.190	-0.748	0.459
711	7.10	1.491	2.409	3.167	3.590	3.461	2.679	1.399	0.073	-0.661	-0.219
721	7.20	1.669	4.755	8.267	11.087	12.100	10.580	6.487	0.551	-5.876	-11.197
731	7.30	-14.031	-13.648	-10.205	-4.728	1.187	5.859	8.042	7.321	4.228	0.053
741	7.40	-3.618	-5.451	-4.829	-2.033	1.903	5.616	7.949	8.360	7.067	4.867
751	7.50	2.731	1.366	0.946	1.118	1.273	0.915	-0.053	-1.280	-2.178	-2.279
761	7.60	-1.541	-0.429	0.289	-0.062	-1.660	-4.006	-6.064	-6.697	-5.191	-1.647
771	7.70	2.975	7.179	9.504	9.100	6.056	1.365	-3.459	-6.925	-8.066	-6.684
781	7.80	-3.312	1.062	5.347	8.635	10.353	10.266	8.433	5.148	0.919	-3.551
791	7.90	-7.440	-9.960	-10.570	-9.155	-6.104	-2.193	1.649	4.644	6.377	6.847
801	8.00	6.344	5.238	3.793	2.110	0.198	-1.872	-3.864	-5.394	-6.091	-5.804
811	8.10	-4.742	-3.436	-2.509	-2.368	-2.950	-3.697	-3.774	-2.478	0.380	4.276
821	8.20	8.096	10.532	10.600	8.044	3.475	-1.837	-6.416	-9.087	-9.349	-7.483
831	8.30	-4.373	-1.157	1.163	2.006	1.325	-0.453	-2.598	-4.301	-4.886	-3.984
841	8.40	-1.630	1.718	5.267	8.079	9.331	8.576	5.915	2.001	-2.135	-5.401
851	8.50	-6.988	-6.615	-4.591	-1.677	1.200	3.248	4.036	3.565	2.190	0.448
861	8.60	-1.139	-2.205	-2.611	-2.439	-1.930	-1.392	-1.100	-1.201	-1.645	-2.178
871	8.70	-2.408	-1.956	-0.635	1.412	3.672	5.397	5.857	4.638	1.853	-1.835
881	8.80	-5.414	-7.878	-8.588	-7.508	-5.192	-2.550	-0.479	0.465	0.239	-0.744
891	8.90	-1.852	-2.520	-2.464	-1.741	-0.649	0.452	1.300	1.800	1.989	1.939
901	9.00	1.682	1.195	0.458	-0.470	-1.420	-2.151	-2.487	-2.326	-1.888	-1.452
911	9.10	-1.301	-1.540	-2.016	-2.373	-2.237	-1.440	-0.157	1.131	1.845	1.616
921	9.20	0.521	-0.873	-1.717	-1.263	0.735	3.812	6.880	8.624	8.033	4.859
931	9.30	-0.215	-5.781	-10.219	-12.291	-11.584	-8.604	-4.511	-0.604	2.185	3.589
941	9.40	3.966	3.978	4.175	4.677	5.138	4.979	3.766	1.541	-1.090	-3.160
951	9.50	-3.753	-2.442	0.468	3.998	6.848	7.887	6.588	3.224	-1.241	-5.502
961	9.60	-8.361	-9.091	-7.610	-4.441	-0.496	3.207	5.794	6.727	5.888	3.591
971	9.70	0.513	-2.453	-4.403	-4.681	-3.093	-0.021	3.654	6.810	8.465	8.130
981	9.80	5.998	2.875	-0.137	-2.074	-2.492	-1.811	-0.187	0.851	0.828	-0.386
991	9.90	-2.338	-4.224	-5.277	-5.127	-3.973	-2.482	-1.484	-1.577	-2.848	-4.803

Table 7-5-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1197 713-GR-1-2 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 32.358 (GAL) T= 21.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-6.567	-7.120	-5.868	-2.686	1.931	7.036	11.514	14.390	15.084	13.535
1011	10.10	10.198	5.914	1.692	-1.535	-3.155	-3.042	-1.596	0.362	1.844	2.023
1021	10.20	0.539	-2.340	-5.767	-8.584	-9.726	-8.617	-5.405	-0.966	3.469	6.555
1031	10.30	7.460	6.050	2.932	-0.777	-3.831	-5.256	-4.618	-2.108	1.587	5.530
1041	10.40	8.802	10.720	10.935	9.447	6.541	2.712	-1.412	-5.145	-7.833	-8.964
1051	10.50	-8.294	-5.946	-2.435	1.402	4.595	6.286	5.980	3.706	0.038	-4.044
1061	10.60	-7.410	-9.098	-8.571	-5.874	-1.619	3.179	7.362	9.936	10.313	8.457
1071	10.70	4.876	0.485	-3.639	-6.542	-7.636	-6.846	-4.610	-1.727	0.889	2.506
1081	10.80	2.787	1.885	0.350	-1.093	-1.836	-1.632	-0.691	0.412	0.978	0.503
1091	10.90	-1.080	-3.331	-5.434	-6.509	-5.967	-3.775	-0.521	2.766	4.971	5.288
1101	11.00	3.528	0.194	-3.668	-6.822	-8.235	-7.403	-4.492	-0.258	4.193	7.742
1111	11.10	9.557	9.291	7.131	3.709	-0.089	-3.354	-5.360	-5.722	-4.457	-1.950
1121	11.20	1.152	4.112	6.275	7.208	6.773	5.117	2.600	-0.317	-3.169	-5.555
1131	11.30	-7.164	-7.779	-7.288	-5.704	-3.210	-0.184	2.816	5.149	6.248	5.799
1141	11.40	3.878	0.978	-2.094	-4.450	-5.387	-4.625	-2.408	0.564	3.355	5.097
1151	11.50	5.271	3.873	1.409	-1.283	-3.319	-4.071	-3.368	-1.551	0.655	2.401
1161	11.60	3.011	2.216	0.249	-2.243	-4.426	-5.567	-5.289	-3.690	-1.302	1.100
1171	11.70	2.761	3.196	2.341	0.558	-1.483	-3.019	-3.427	-2.607	-0.085	3.011
1181	11.80	6.072	8.213	8.721	7.270	4.062	-0.183	-4.394	-7.450	-8.528	-7.386
1191	11.90	-4.471	-0.790	2.429	4.160	3.947	2.057	-0.646	-3.050	-4.229	-3.800
1201	12.00	-2.031	0.308	2.291	3.213	2.849	1.473	-0.325	-1.936	-2.990	-3.454
1211	12.10	-3.553	-3.565	-3.623	-3.623	-3.291	-2.371	-0.821	1.084	2.811	3.763
1221	12.20	3.538	2.108	-0.128	-2.477	-4.178	-4.651	-3.665	-1.373	1.766	5.142
1231	12.30	8.142	10.261	11.153	10.656	8.793	5.796	2.102	-1.679	-4.860	-6.831
1241	12.40	-7.238	-6.119	-3.931	-1.445	0.477	1.165	0.377	-1.598	-4.016	-5.922
1251	12.50	-6.464	-5.300	-2.567	0.962	4.226	6.228	6.397	4.808	2.163	-0.459
1261	12.60	-1.999	-1.815	0.077	3.009	5.912	7.714	7.719	5.835	2.565	-1.219
1271	12.70	-4.604	-6.933	-7.952	-7.786	-6.769	-5.258	-3.502	-1.633	0.254	2.004
1281	12.80	3.361	4.036	3.836	2.800	1.248	-0.298	-1.305	-1.434	-0.689	0.586
1291	12.90	1.845	2.561	2.426	1.451	-0.074	-1.711	-3.052	-3.833	-3.971	-3.522
1301	13.00	-2.600	-1.322	0.201	1.837	3.403	4.676	5.449	5.610	5.198	4.401
1311	13.10	3.479	2.651	2.007	1.478	0.905	0.155	-0.781	-1.745	-2.477	-2.745
1321	13.20	-2.469	-1.787	-1.004	-0.453	-0.333	-0.610	-1.025	-1.224	-0.937	-0.125
1331	13.30	0.982	1.981	2.483	2.303	1.556	0.618	-0.020	0.018	0.833	2.199
1341	13.40	3.651	4.670	4.881	4.185	2.775	1.036	-0.607	-1.835	-2.515	-2.696
1351	13.50	-2.538	-2.233	-1.931	-1.730	-1.684	-1.830	-2.192	-2.761	-3.454	-4.104
1361	13.60	-4.476	-4.345	-3.592	-2.283	-0.697	0.744	1.612	1.631	0.811	-0.530
1371	13.70	-1.846	-2.557	-2.262	-0.909	1.154	3.278	4.739	5.002	3.936	1.886
1381	13.80	-0.437	-2.204	-2.788	-2.015	-0.248	1.738	3.052	3.051	1.616	-0.767
1391	13.90	-3.170	-4.576	-4.287	-2.225	1.010	4.337	6.591	6.952	5.244	1.988
1401	14.00	-1.804	-5.005	-6.759	-6.731	-5.152	-2.654	0.002	2.181	3.523	3.959
1411	14.10	3.623	2.734	1.517	0.179	-1.081	-2.053	-2.599	-2.623	-2.223	-1.646
1421	14.20	-1.216	-1.193	-1.643	-2.380	-3.034	-3.212	-2.690	-1.532	-0.078	1.205
1431	14.30	1.926	1.950	1.440	0.769	0.333	0.366	0.848	1.549	2.164	2.468
1441	14.40	2.404	2.073	1.633	1.196	0.777	0.330	-0.157	-0.596	-0.800	-0.592
1451	14.50	0.047	0.888	1.479	1.331	0.171	-1.859	-4.165	-5.898	-6.289	-5.011
1461	14.60	-2.361	0.814	3.445	4.676	4.226	2.495	0.383	-1.115	-1.341	-0.256
1471	14.70	1.564	3.184	3.720	2.708	0.275	-2.921	-5.961	-8.001	-8.545	-7.560
1481	14.80	-5.421	-2.741	-0.168	1.784	2.824	2.899	2.169	0.942	-0.395	-1.470
1491	14.90	-2.016	-1.948	-1.386	-0.608	0.066	0.420	0.449	0.372	0.530	1.199

Table 7-5-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1197 713-GR-1-2 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 32.358 (GAL) T= 21.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	2.410	3.861	4.982	5.144	3.941	1.408	-1.919	-5.135	-7.276	-7.662
1511	15.10	-6.144	-3.166	0.400	3.568	5.575	6.113	5.372	3.931	2.457	1.509
1521	15.20	1.352	1.933	2.970	4.085	4.918	5.192	4.720	3.407	1.255	-1.582
1531	15.30	-4.764	-7.759	-9.929	-10.704	-9.782	-7.279	-3.749	-0.048	2.934	4.561
1541	15.40	4.652	3.511	1.776	0.151	-0.861	-1.115	-0.817	-0.365	-0.131	-0.273
1551	15.50	-0.670	-0.993	-0.867	-0.052	1.436	3.307	5.075	6.201	6.247	5.000
1561	15.60	2.547	-0.713	-4.126	-6.910	-8.335	-7.935	-5.679	-2.044	2.076	5.612
1571	15.70	7.666	7.818	6.283	3.835	1.508	0.180	0.225	1.365	2.801	3.568
1581	15.80	2.960	0.856	-2.216	-5.272	-7.256	-7.437	-5.663	-2.386	1.538	5.156
1591	15.90	7.703	8.768	8.297	6.501	3.729	0.385	-3.080	-6.161	-8.307	-9.009
1601	16.00	-7.953	-5.182	-1.192	3.126	6.687	8.521	8.079	5.426	1.242	-3.380
1611	16.10	-7.262	-9.497	-9.701	-8.085	-5.335	-2.333	0.144	1.678	2.276	2.299
1621	16.20	2.240	2.474	3.086	3.848	4.351	4.224	3.343	1.922	0.436	-0.589
1631	16.30	-0.833	-0.350	0.432	0.903	0.562	-0.712	-2.550	-4.209	-4.870	-3.997
1641	16.40	-1.600	1.719	4.968	7.134	7.567	6.225	3.685	0.916	-1.085	-1.647
1651	16.50	-0.654	1.445	3.819	5.551	5.949	4.768	2.283	-0.803	-3.561	-5.120
1661	16.60	-4.920	-2.899	0.471	4.295	7.505	9.180	8.827	6.543	2.976	-0.888
1671	16.70	-4.063	-5.876	-6.160	-5.250	-3.788	-2.435	-1.608	-1.359	-1.420	-1.388
1681	16.80	-0.951	-0.036	1.161	2.292	3.020	3.168	2.760	1.962	0.966	-0.117
1691	16.90	-1.271	-2.510	-3.755	-4.751	-5.084	-4.324	-2.238	1.017	4.830	8.249
1701	17.00	10.267	10.160	7.764	3.566	-1.436	-6.047	-9.259	-10.547	-9.980	-8.115
1711	17.10	-5.741	-3.579	-2.068	-1.298	-1.105	-1.232	-1.483	-1.784	-2.143	-2.544
1721	17.20	-2.854	-2.826	-2.183	-0.778	1.282	3.600	5.589	6.657	6.418	4.828
1731	17.30	2.188	-0.955	-3.986	-6.368	-7.722	-7.834	-6.625	-4.143	-0.608	3.526
1741	17.40	7.543	10.540	11.645	10.294	6.495	0.923	-5.206	-10.483	-13.736	-14.395
1751	17.50	-12.639	-9.270	-5.383	-1.970	0.379	1.571	1.893	1.790	1.634	1.608
1761	17.60	1.728	1.942	2.242	2.691	3.373	4.290	5.287	6.065	6.275	5.647
1771	17.70	4.102	1.764	-1.099	-4.171	-7.167	-9.837	-11.929	-13.142	-13.148	-11.700
1781	17.80	-8.778	-4.719	-0.222	3.802	6.491	7.316	6.260	3.822	0.838	-1.785
1791	17.90	-3.328	-3.410	-2.009	0.616	4.018	7.625	10.775	12.753	12.899	10.794
1801	18.00	6.471	0.542	-5.848	-11.290	-14.528	-14.876	-12.455	-8.141	-3.246	0.957
1811	18.10	3.638	4.605	4.212	3.067	1.694	0.325	-1.096	-2.728	-4.603	-6.480
1821	18.20	-7.889	-8.332	-7.523	-5.553	-2.858	-0.034	2.420	4.283	5.626	6.661
1831	18.30	7.522	8.102	8.065	7.021	4.790	1.612	-1.825	-4.577	-5.776	-4.975
1841	18.40	-2.346	1.354	5.030	7.620	8.445	7.400	4.959	1.981	-0.578	-1.957
1851	18.50	-1.801	-0.248	2.134	4.506	6.002	5.959	4.112	0.668	-3.744	-8.253
1861	18.60	-11.988	-14.298	-14.895	-13.844	-11.448	-8.082	-4.057	0.400	5.073	9.635
1871	18.70	13.562	16.186	16.862	15.219	11.365	5.943	-0.000	-5.309	-9.050	-10.753
1881	18.80	-10.475	-8.664	-5.918	-2.746	0.558	3.894	7.214	10.366	13.013	14.680
1891	18.90	14.916	13.481	10.490	6.420	1.999	-2.001	-4.971	-6.603	-6.930	-6.250
1901	19.00	-4.994	-3.584	-2.319	-1.327	-0.584	0.023	0.606	1.205	1.752	2.099
1911	19.10	2.098	1.698	1.017	0.346	0.052	0.423	1.504	3.017	4.420	5.101
1921	19.20	4.639	3.023	0.711	-1.521	-2.885	-2.927	-1.748	0.001	1.385	1.586
1931	19.30	0.292	-2.124	-4.708	-6.286	-5.943	-3.416	0.759	5.404	9.105	10.713
1941	19.40	9.750	6.575	2.272	-1.703	-3.983	-3.714	-0.813	4.012	9.468	14.051
1951	19.50	16.485	16.072	12.884	7.715	1.807	-3.541	-7.372	-9.321	-9.636	-8.982
1961	19.60	-8.102	-7.513	-7.334	-7.345	-7.196	-6.664	-5.804	-4.911	-4.316	-4.126
1971	19.70	-4.081	-3.614	-2.129	0.641	4.374	8.151	10.754	11.142	8.913	4.533
1981	19.80	-0.799	-5.585	-8.596	-9.323	-8.118	-5.985	-4.113	-3.376	-4.008	-5.575
1991	19.90	-7.231	-8.121	-7.747	-6.149	-3.847	-1.589	-0.040	0.477	0.083	-0.719

Table 7-5-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1197 713-GR-1-2 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 32.358 (GAL) T= 21.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-1.236	-0.843	0.787	3.532	6.799	9.654	11.084	10.306	7.089	1.913
2011	20.10	-4.084	-9.393	-12.599	-12.869	-10.167	-5.468	-0.256	3.883	5.813	5.192
2021	20.20	2.509	-1.181	-4.680	-7.068	-7.939	-7.394	-5.862	-3.853	-1.778	0.095
2031	20.30	1.592	2.561	2.863	2.458	1.518	0.489	-0.007	0.587	2.453	5.185
2041	20.40	7.794	8.995	7.683	3.420	-3.280	-11.008	-17.869	-22.083	-22.567	-19.265
2051	20.50	-13.108	-5.642	1.511	7.154	10.777	12.528	12.946	12.605	11.845	10.691
2061	20.60	8.980	6.593	3.661	0.635	-1.839	-3.165	-3.066	-1.727	0.246	2.061
2071	20.70	3.045	2.922	1.906	0.593	-0.307	-0.290	0.724	2.355	3.916	4.691
2081	20.80	4.206	2.389	-0.434	-3.680	-6.709	-8.983	-10.159	-10.080	-8.762	-6.384
2091	20.90	-3.323	-0.184	2.248	3.178	2.074	-1.039	-5.421	-9.704	-12.267	-11.785
2101	21.00	-7.763	-0.817	7.428	14.829	19.618	20.049	16.738	10.590	3.354	-3.187
2111	21.10	-7.749	-9.803	-9.522	-7.693	-4.392	-0.767	2.987	6.515	9.380	11.053
2121	21.20	11.052	9.191	5.771	1.616	-2.137	-4.413	-4.605	-2.817	0.158	3.129
2131	21.30	4.948	4.925	3.043	-0.079	-3.471	-6.171	-7.551	-7.459	-6.180	-4.245
2141	21.40	-2.204	-0.455	0.821	1.619	2.022	2.116	1.945	1.535	0.928	0.230
2151	21.50	-0.383	-0.699	-0.525	0.247	1.584	3.294	5.034	6.361	6.813	6.020
2161	21.60	3.828	0.402	-3.733	-7.744	-10.655	-11.608	-10.155	-6.479	-1.455	3.509
2171	21.70	6.850	7.347	4.583	-0.790	-7.128	-12.214	-13.932	-10.984	-3.399	7.356
2181	21.80	18.737	27.857	32.358	31.135	24.654	14.761	4.058	-4.932	-10.509	-12.214
2191	21.90	-10.795	-7.782	-4.862	-3.300	-3.586	-5.414	-7.925	-10.088	-11.048	-10.349
2201	22.00	-7.971	-4.251	0.254	4.893	9.007	12.901	13.409	12.986	10.791	7.222
2211	22.10	2.964	-1.170	-4.445	-6.406	-6.988	-6.498	-5.489	-4.565	-4.228	-4.779
2221	22.20	-6.320	-8.786	-11.983	-15.575	-19.048	-21.680	-22.612	-21.017	-16.369	-8.708
2231	22.30	1.207	11.956	21.745	28.840	32.027	30.930	26.080	18.733	10.490	2.881
2241	22.40	-2.967	-6.479	-7.610	-6.702	-4.308	-1.068	2.349	5.273	7.068	7.229
2251	22.50	5.517	2.097	-2.407	-6.997	-10.534	-12.056	-11.083	-7.798	-3.013	2.065
2261	22.60	6.203	8.532	8.815	7.505	5.578	4.184	4.244	6.109	9.411	13.139
2271	22.70	15.943	16.554	14.203	8.906	1.506	-6.536	-13.551	-18.147	-19.608	-18.082
2281	22.80	-14.485	-10.169	-6.456	-4.212	-3.609	-4.159	-4.980	-5.200	-4.312	-2.360
2291	22.90	0.124	2.387	3.802	4.135	3.623	2.830	2.345	2.479	3.094	3.642
2301	23.00	3.412	1.872	-1.057	-4.903	-8.786	-11.731	-13.022	-12.452	-10.359	-7.448
2311	23.10	-4.480	-1.981	-0.082	1.443	2.966	4.754	6.776	8.687	9.979	10.236
2321	23.20	9.362	7.684	5.863	4.652	4.595	5.799	7.858	9.972	11.207	10.800
2331	23.30	8.399	4.162	-1.308	-7.163	-12.550	-16.838	-19.236	-21.300	-21.821	-21.653
2341	23.40	-21.042	-20.009	-18.350	-15.735	-11.893	-6.805	-0.826	5.321	10.712	14.478
2351	23.50	16.084	15.512	13.262	10.173	7.127	4.750	3.241	2.388	1.759	0.969
2361	23.60	-0.109	-1.282	-2.155	-2.361	-1.778	-0.623	0.631	1.462	1.536	0.841
2371	23.70	-0.338	-1.596	-2.621	-3.328	-3.847	-4.351	-4.848	-5.057	-4.467	-2.573
2381	23.80	0.804	5.289	9.953	13.566	15.042	13.877	10.381	5.604	0.958	-2.311
2391	23.90	-3.583	-3.068	-1.678	-0.627	-0.926	-2.975	-6.409	-10.238	-13.213	-14.258
2401	24.00	-12.831	-9.074	-3.750	2.001	6.988	10.265	11.335	10.204	7.318	3.406
2411	24.10	-0.711	-4.294	-6.797	-7.919	-7.590	-5.941	-3.267	-0.011	3.247	5.833
2421	24.20	7.091	6.561	4.183	0.447	-3.626	-6.699	-7.529	-5.424	-0.576	5.894
2431	24.30	12.246	16.709	18.125	16.391	12.512	8.194	5.161	4.447	5.985	8.654
2441	24.40	10.791	10.929	8.450	3.872	-1.362	-5.489	-7.167	-6.033	-2.845	0.839
2451	24.50	3.282	3.249	0.440	-4.447	-10.030	-14.770	-17.479	-17.643	-15.459	-11.639
2461	24.60	-7.107	-2.712	0.943	3.548	5.044	5.559	5.355	4.793	4.287	4.232
2471	24.70	4.906	6.361	8.374	10.474	12.061	12.570	11.631	9.163	5.383	0.732
2481	24.80	-4.234	-8.946	-12.896	-15.674	-16.983	-16.666	-14.744	-11.444	-7.208	-2.642
2491	24.90	1.592	4.911	6.944	7.594	7.032	5.603	3.703	1.654	-0.356	-2.271

Table 7-5-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1197 713-GR-1-2 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 32.358 (GAL) T= 21.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-4.106	-5.861	-7.468	-8.771	-9.570	-9.703	-9.112	-7.891	-6.264	-4.524
2511	25.10	-2.944	-1.696	-0.809	-0.188	0.351	0.899	1.590	2.389	3.212	3.979
2521	25.20	4.667	5.340	6.116	7.085	8.223	9.334	10.081	10.093	9.131	7.229
2531	25.30	4.749	2.310	0.581	0.032	0.729	2.263	3.877	4.742	4.280	2.411
2541	25.40	-0.386	-3.242	-5.235	-5.758	-4.780	-2.874	-1.013	-0.202	-1.097	-3.759
2551	25.50	-7.648	-11.825	-15.295	-17.327	-17.635	-16.367	-13.937	-10.801	-7.292	-3.578
2561	25.60	0.240	3.990	7.331	9.769	10.813	10.186	7.999	4.802	1.451	-1.143
2571	25.70	-2.299	-1.758	0.269	3.225	6.424	9.255	11.306	12.360	12.315	11.091
2581	25.80	8.605	4.844	0.002	-5.411	-10.550	-14.393	-16.009	-14.888	-11.172	-5.700
2591	25.90	0.188	5.029	7.689	7.727	5.537	2.217	-0.799	-2.227	-1.373	1.637
2601	26.00	5.891	10.008	12.602	12.746	10.273	5.801	0.493	-4.358	-7.767	-9.341
2611	26.10	-9.324	-8.387	-7.281	-6.490	-6.042	-5.556	-4.475	-2.396	0.688	4.313
2621	26.20	7.694	10.015	10.736	9.780	7.528	4.643	1.816	-0.457	-1.977	-2.801
2631	26.30	-3.112	-3.086	-2.810	-2.295	-1.535	-0.571	0.493	1.526	2.413	3.091
2641	26.40	3.517	3.620	3.267	2.290	0.590	-1.733	-4.313	-6.566	-7.893	-7.938
2651	26.50	-6.799	-5.049	-3.534	-3.008	-3.759	-5.432	-7.135	-7.831	-6.833	-4.180
2661	26.60	-0.684	2.376	3.816	3.101	0.628	-2.410	-4.523	-4.583	-2.328	1.509
2671	26.70	5.508	8.180	8.602	6.795	3.689	0.691	-0.916	-0.496	1.734	4.866
2681	26.80	7.736	9.414	9.530	8.322	6.422	4.513	3.033	2.059	1.387	0.738
2691	26.90	-0.029	-0.829	-1.400	-1.479	-0.973	-0.061	0.852	1.288	0.901	-0.367
2701	27.00	-2.237	-4.177	-5.573	-5.919	-4.974	-2.818	0.177	3.458	6.427	8.576
2711	27.10	9.574	9.315	7.900	5.603	2.795	-0.123	-2.779	-4.882	-6.243	-6.788
2721	27.20	-6.555	-5.678	-4.363	-2.856	-1.407	-0.240	0.479	0.656	0.280	-0.576
2731	27.30	-1.748	-2.991	-3.993	-4.429	-4.037	-2.722	-0.649	1.726	3.715	4.572
2741	27.40	3.724	1.011	-3.186	-7.982	-12.207	-14.765	-14.986	-12.868	-9.097	-4.833
2751	27.50	-1.328	0.481	0.271	-1.587	-4.183	-6.389	-7.234	-6.199	-3.363	0.765
2761	27.60	5.258	9.255	12.117	13.594	13.841	13.310	12.548	11.991	11.806	11.835
2771	27.70	11.666	10.804	8.887	5.865	2.080	-1.810	-5.018	-6.886	-7.104	-5.809
2781	27.80	-3.531	-1.014	1.020	2.082	2.006	0.941	-0.753	-2.636	-4.279	-5.321
2791	27.90	-5.488	-4.629	-2.765	-0.160	2.650	4.924	5.896	5.032	2.280	-1.831
2801	28.00	-6.278	-9.859	-11.604	-11.136	-8.829	-5.675	-2.905	-1.511	-1.860	-3.557
2811	28.10	-5.621	-6.891	-6.497	-4.201	-0.476	3.699	7.233	9.325	9.726	8.753
2821	28.20	7.083	5.427	4.232	3.536	3.021	2.212	0.738	-1.480	-4.181	-6.864
2831	28.30	-8.986	-10.167	-10.307	-9.591	-8.375	-7.027	-5.781	-4.669	-3.543	-2.180
2841	28.40	-0.405	1.809	4.302	6.762	8.815	10.133	10.528	10.001	8.737	7.043
2851	28.50	5.253	3.633	2.295	1.166	0.022	-1.419	-3.368	-5.841	-8.586	-11.111
2861	28.60	-12.807	-13.141	-11.856	-9.092	-5.391	-1.540	1.676	3.729	4.532	4.452
2871	28.70	4.162	4.374	5.560	7.761	10.568	13.261	15.069	15.433	14.183	11.563
2881	28.80	8.112	4.459	1.115	-1.645	-3.795	-5.455	-6.751	-7.702	-8.182	-7.985
2891	28.90	-6.951	-5.103	-2.709	-0.254	1.695	2.679	2.517	1.388	-0.220	-1.669
2901	29.00	-2.397	-2.121	-0.921	0.799	2.494	3.703	4.239	4.253	4.148	4.367
2911	29.10	5.166	6.453	7.788	8.540	8.156	6.418	3.571	0.282	-2.597	-4.335
2921	29.20	-4.607	-3.615	-2.017	-0.673	-0.320	-1.300	-3.442	-6.134	-8.554	-9.965
2931	29.30	-9.956	-8.553	-6.164	-3.410	-0.899	0.956	2.031	2.460	2.532	2.542
2941	29.40	2.680	2.969	3.280	3.403	3.133	2.350	1.059	-0.607	-2.430	-4.165
2951	29.50	-5.605	-6.619	-7.171	-7.302	-7.084	-6.576	-5.786	-4.671	-3.171	-1.267
2961	29.60	0.954	3.274	5.365	6.876	7.556	7.357	6.493	5.393	4.570	4.450
2971	29.70	5.210	6.711	8.539	10.161	11.106	11.125	10.243	8.695	6.791	4.781
2981	29.80	2.678	0.479	-1.929	-4.533	-7.145	-9.422	-10.994	-11.629	-11.343	-10.407
2991	29.90	-9.228	-8.164	-7.362	-6.705	-5.894	-4.634	-2.820	-0.641	1.479	3.053

Table 7-5-7

TABLE OF CORRECTED ACCELERATION RECORD

NO. 7

INDEX NO. 1197 713-GR-1-2 U-D (U-D) YOSHIDAGAWA EHB. MAX. ACC. = 32.358 (GAL) T= 21.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	3.761	3.602	2.908	2.192	1.919	2.285	3.133	4.017	4.450	4.031
3011	30.10	2.703	0.701	-1.551	-3.641	-5.320	-6.553	-7.461	-8.187	-8.775	-9.135
3021	30.20	-9.099	-8.548	-7.522	-6.246	-5.049	-4.203	-3.762	-3.480	-2.869	-1.385
3031	30.30	1.324	5.209	9.739	13.995	16.927	17.676	15.866	11.755	6.182	0.332
3041	30.40	-4.613	-7.818	-9.019	-8.548	-7.159	-5.708	-4.828	-4.699	-5.020	-5.179
3051	30.50	-4.546	-2.781	0.001	3.245	6.179	8.113	8.716	8.126	6.858	5.565
3061	30.60	4.741	4.520	4.651	4.659	4.059	2.694	0.746	-1.279	-2.776	-3.300
3071	30.70	-2.761	-1.464	0.005	1.010	1.101	0.179	-1.480	-3.331	-4.750	-5.240
3081	30.80	-4.587	-2.928	-0.716	1.405	2.775	2.909	1.653	-0.738	-3.628	-6.155
3091	30.90	-7.471	-7.005	-4.683	-0.990	3.132	6.557	8.322	7.949	5.616	2.120
3101	31.00	-1.369	-3.686	-4.049	-2.318	0.956	4.712	7.722	8.988	8.069	5.214
3111	31.10	1.277	-2.573	-5.246	-6.096	-5.132	-3.006	-0.768	0.521	0.183	-1.813
3121	31.20	-4.825	-7.759	-9.452	-9.096	-6.521	-2.256	2.657	7.027	9.891	10.802
3131	31.30	9.893	7.754	5.161	2.798	1.070	0.052	-0.421	-0.602	-0.695	-0.788
3141	31.40	-0.868	-0.891	-0.847	-0.792	-0.823	-1.026	-1.418	-1.935	-2.454	-2.854
3151	31.50	-3.064	-3.085	-2.980	-2.838	-2.725	-2.672	-2.673	-2.704	-2.738	-2.742
3161	31.60	-2.661	-2.399	-1.825	-0.819	0.668	2.538	4.558	6.242	7.259	7.270
3171	31.70	6.200	4.262	1.908	-0.306	-1.897	-2.596	-2.422	-1.630	-0.591	0.367
3181	31.80	1.070	1.526	1.850	2.152	2.425	2.514	2.186	1.269	-0.206	-1.938
3191	31.90	-3.414	-4.087	-3.611	-2.024	0.205	2.298	3.441	3.085	1.167	-1.837
3201	32.00	-5.075	-7.607	-8.729	-8.201	-6.284	-3.605	-0.904	1.225	2.500	2.972
3211	32.10	2.911	2.635	2.364	2.155	1.936	1.605	1.132	0.610	0.228	0.184
3221	32.20	0.581	1.348	2.232	2.860	2.847	1.922	0.030	-2.627	-5.613	-8.341
3231	32.30	-10.212	-10.761	-9.780	-7.386	-4.009	-0.281	3.120	5.660	7.082	7.453
3241	32.40	7.109	6.513	6.081	6.048	6.412	6.979	7.472	7.660	7.450	6.898
3251	32.50	5.157	5.375	4.612	3.798	2.757	1.294	-0.713	-3.225	-6.018	-8.710
3261	32.60	-10.852	-12.035	-11.998	-10.699	-8.331	-5.279	-2.024	0.977	3.390	5.075
3271	32.70	6.072	6.545	6.681	6.602	6.322	5.771	4.866	3.594	2.053	0.439
3281	32.80	-1.043	-2.280	-3.314	-4.330	-5.549	-7.079	-8.792	-10.291	-11.015	-10.444
3291	32.90	-8.329	-4.845	-0.604	3.513	6.619	8.111	7.852	6.196	3.851	1.625
3301	33.00	0.182	-0.139	0.639	2.198	4.076	5.810	7.046	7.585	7.376	6.490
3311	33.10	5.089	3.397	1.671	0.152	-0.987	-1.698	-2.074	-2.327	-2.701	-3.377
3321	33.20	-4.385	-5.572	-6.646	-7.276	-7.213	-6.385	-4.916	-3.087	-1.236	0.349
3331	33.30	1.505	2.206	2.534	2.605	2.508	2.269	1.853	1.204	0.284	-0.894
3341	33.40	-2.254	-3.679	-5.042	-6.246	-7.238	-8.016	-8.608	-9.039	-9.298	-9.318
3351	33.50	-8.969	-8.091	-6.532	-4.215	-1.184	2.373	6.136	9.713	12.721	14.866
3361	33.60	16.001	16.140	15.424	14.067	12.289	10.275	8.150	5.996	3.859	1.774
3371	33.70	-0.244	-2.194	-4.094	-5.958	-7.767	-9.434	-10.789	-11.605	-11.654	-10.794
3381	33.80	-9.031	-6.541	-3.637	-0.681	2.012	4.247	5.970	7.231	8.113	8.676
3391	33.90	8.929	8.857	8.467	7.840	7.124	6.494	6.059	5.794	5.506	4.882
3401	34.00	3.598	1.448	-1.557	-5.163	-8.927	-12.338	-14.948	-16.479	-16.859	-16.210
3411	34.10	-14.770	-12.821	-10.608	-8.298	-5.959	-3.567	-1.043	1.695	4.666	7.753
3421	34.20	10.677	13.022	14.329	14.255	12.721	10.007	6.727	3.672	1.565	0.818
3431	34.30	1.381	2.759	4.194	4.955	4.605	3.157	1.038	-1.099	-2.654	-3.305
3441	34.40	-3.105	-2.414	-1.707	-1.352	-1.468	-1.912	-2.395	-2.660	-2.621	-2.409
3451	34.50	-2.292	-2.521	-3.178	-4.103	-4.937	-5.269	-4.815	-3.554	-1.757	0.095
3461	34.60	1.483	2.031	1.626	0.446	-1.125	-2.637	-3.725	-4.204	-4.082	-3.509
3471	34.70	-2.674	-1.717	-0.691	0.422	1.644	2.926	4.109	4.947	5.196	4.722
3481	34.80	3.597	2.116	0.724	-0.139	-0.205	0.492	1.604	2.570	2.815	1.961
3491	34.90	-0.024	-2.807	-5.796	-8.336	-9.918	-10.308	-9.565	-7.957	-5.821	-3.634

Table 7-5-8

TABLE OF CORRECTED ACCELERATION RECORD

NO. 8

INDEX NO. 1197 713-GR-1-2 U-D (U-D) YOSHIDAGAWA EHB. MAX. ACC. = 32.358 (GAL) T= 21.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.956	1.550	4.055	6.483	8.723	10.602	12.005	12.900	13.344	13.429
3511	35.10	13.200	12.588	11.414	9.478	6.678	3.132	-0.799	-4.582	-7.685	-9.772
3521	35.20	-10.828	-11.175	-11.328	-11.783	-12.790	-14.226	-15.624	-16.338	-15.802	-13.761
3531	35.30	-10.393	-6.272	-2.187	1.117	3.182	3.966	3.826	3.364	3.198	3.738
3541	35.40	5.054	6.864	8.647	9.831	9.986	8.955	6.895	4.214	1.440	-0.928
3551	35.50	-2.540	-3.260	-3.161	-2.466	-1.472	-0.472	0.301	0.699	0.668	0.237
3561	35.60	-0.492	-1.371	-2.220	-2.860	-3.142	-2.964	-2.288	-1.141	0.400	2.215
3571	35.70	4.156	6.054	7.718	8.951	9.564	9.418	8.453	6.728	4.419	1.800
3581	35.80	-0.806	-3.101	-4.867	-6.009	-6.560	-6.648	-6.447	-6.113	-5.740	-5.338
3591	35.90	-4.845	-4.165	-3.223	-2.016	-0.638	0.728	1.859	2.558	2.735	2.446
3601	36.00	1.890	1.358	1.131	1.387	2.131	3.184	4.243	4.971	5.109	4.551
3611	36.10	3.362	1.747	-0.019	-1.665	-2.972	-3.796	-4.061	-3.748	-2.896	-1.612
3621	36.20	-0.084	1.630	2.644	3.316	3.331	2.757	1.839	0.930	0.369	0.360
3631	36.30	0.894	1.745	2.562	3.005	2.886	2.245	1.336	0.533	0.173	0.420
3641	36.40	1.192	2.187	2.990	3.227	2.699	1.452	-0.242	-1.993	-3.421	-4.285
3651	36.50	-4.542	-4.340	-3.946	-3.639	-3.622	-3.959	-4.569	-5.263	-5.800	-5.950
3661	36.60	-5.549	-4.538	-2.980	-1.052	0.983	2.840	4.286	5.215	5.691	5.940
3671	36.70	6.275	6.981	8.191	9.806	11.493	12.782	13.215	12.512	10.673	7.988
3681	36.80	4.947	2.075	-0.222	-1.769	-2.631	-3.041	-3.281	-3.557	-3.938	-4.354
3691	36.90	-4.658	-4.711	-4.450	-3.916	-3.231	-2.543	-1.960	-1.512	-1.146	-0.757
3701	37.00	-0.253	0.391	1.093	1.671	1.896	1.567	0.603	-0.905	-2.696	-4.398
3711	37.10	-5.647	-6.206	-6.044	-5.349	-4.448	-3.689	-3.306	-3.345	-3.674	-4.062
3721	37.20	-4.302	-4.305	-4.127	-3.918	-3.828	-3.907	-4.063	-4.102	-3.815	-3.076
3731	37.30	-1.906	-0.457	1.061	2.473	3.702	4.775	5.770	6.741	7.661	8.423
3741	37.40	8.891	8.970	8.650	8.005	7.133	6.086	4.830	3.269	1.319	-0.985
3751	37.50	-3.434	-5.663	-7.258	-7.902	-7.517	-6.311	-4.726	-3.291	-2.449	-2.414
3761	37.60	-3.128	-4.311	-5.578	-6.580	-7.099	-7.080	-6.595	-5.784	-4.782	-3.685
3771	37.70	-2.547	-1.395	-0.266	0.785	1.674	2.298	2.556	2.364	1.676	0.503
3781	37.80	-1.070	-2.871	-4.652	-6.115	-6.965	-6.972	-6.032	-4.207	-1.718	1.084
3791	37.90	3.789	6.013	7.472	8.034	7.736	6.762	5.385	3.893	2.524	1.410
3801	38.00	0.573	-0.057	-0.587	-1.107	-1.650	-2.183	-2.628	-2.906	-2.967	-2.813
3811	38.10	-2.483	-2.030	-1.496	-0.902	-0.259	0.398	0.999	1.435	1.599	1.434
3821	38.20	0.975	0.365	-0.186	-0.478	-0.401	0.009	0.570	1.023	1.133	0.791
3831	38.30	0.072	-0.781	-1.434	-1.583	-1.061	0.102	1.692	3.390	4.879	5.946
3841	38.40	6.532	6.725	6.691	6.593	6.515	6.436	6.259	5.873	5.223	4.353
3851	38.50	3.396	2.515	1.835	1.379	1.059	0.722	0.235	-0.437	-1.197	-1.844
3861	38.60	-2.166	-2.043	-1.527	-0.841	-0.309	-0.224	-0.733	-1.775	-3.099	-4.362
3871	38.70	-5.258	-5.615	-5.426	-4.815	-3.950	-2.969	-1.945	-0.908	0.093	0.945
3881	38.80	1.469	1.470	0.830	-0.410	-2.022	-3.643	-4.885	-5.458	-5.264	-4.411
3891	38.90	-3.154	-1.785	-0.532	0.498	1.311	1.967	2.508	2.910	3.079	2.899
3901	39.00	2.296	1.293	0.026	-1.281	-2.375	-3.045	-3.171	-2.746	-1.864	-0.684
3911	39.10	0.616	1.879	2.991	3.892	4.566	5.027	5.301	5.411	5.376	5.212
3921	39.20	4.933	4.561	4.120	3.627	3.094	2.524	1.929	1.347	0.858	0.578
3931	39.30	0.629	1.085	1.928	3.018	4.109	4.920	5.219	4.909	4.067	2.920
3941	39.40	1.761	0.845	0.294	0.064	-0.030	-0.236	-0.773	-1.755	-3.162	-4.857
3951	39.50	-6.630	-8.247	-9.501	-10.231	-10.352	-9.860	-8.845	-7.481	-5.991	-4.589
3961	39.60	-3.404	-2.427	-1.506	-0.402	1.107	3.114	5.510	7.992	10.151	11.612
3971	39.70	12.161	11.812	10.780	9.369	7.837	6.293	4.623	2.804	0.537	-2.138
3981	39.80	-5.028	-7.758	-9.887	-11.044	-11.052	-9.979	-8.100	-5.804	-3.466	-1.353
3991	39.90	0.424	1.893	3.165	4.360	5.560	6.778	7.970	9.048	9.908	10.432

Table 7-5-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1197 713-GR-1-2 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 32.358 (GAL) T= 21.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	10.503	10.002	8.836	6.963	4.437	1.430	-1.772	-4.821	-7.389	-9.265
4011	40.10	-10.422	-11.027	-11.380	-11.790	-12.447	-13.323	-14.161	-14.559	-14.121	-12.625
4021	40.20	-10.135	-7.012	-3.809	-1.104	0.686	1.425	1.273	0.604	-0.144	-0.613
4031	40.30	-0.612	-0.130	0.722	1.793	2.953	4.107	5.170	6.026	6.512	6.444
4041	40.40	5.689	4.241	2.274	0.123	-1.788	-3.071	-3.483	-2.999	-1.806	-0.225
4051	40.50	1.395	2.788	3.824	4.519	4.976	5.313	5.592	5.796	5.843	5.635
4061	40.60	5.125	4.354	3.457	2.623	2.026	1.757	1.784	1.951	2.036	1.820
4071	40.70	1.176	0.108	-1.244	-2.654	-3.886	-4.768	-5.234	-5.326	-5.155	-4.847
4081	40.80	-4.486	-4.100	-3.668	-3.149	-2.522	-1.808	-1.074	-0.413	0.072	0.297
4091	40.90	0.202	-0.242	-1.034	-2.127	-3.425	-4.776	-5.982	-6.831	-7.156	-6.886
4101	41.00	-6.086	-4.966	-3.829	-2.994	-2.695	-2.998	-3.766	-4.681	-5.334	-5.347
4111	41.10	-4.503	-2.835	-0.634	1.615	3.373	4.212	3.956	2.745	0.998	-0.713
4121	41.20	-1.838	-2.015	-1.168	0.493	2.567	4.601	6.230	7.257	7.664	7.558
4131	41.30	7.094	6.413	5.621	4.799	4.037	3.437	3.097	3.068	3.311	3.698
4141	41.40	4.048	4.210	4.137	3.925	3.779	3.929	4.515	5.516	6.727	7.851
4151	41.50	8.508	8.545	7.901	6.690	5.116	3.377	1.605	-0.146	-1.855	-3.473
4161	41.60	-4.880	-5.900	-6.360	-6.178	-5.427	-4.342	-3.259	-2.509	-2.309	-2.693
4171	41.70	-3.521	-4.533	-5.450	-6.053	-6.232	-5.978	-5.349	-4.427	-3.295	-2.033
4181	41.80	-0.737	0.475	1.479	2.175	2.533	2.608	2.532	2.460	2.506	2.691
4191	41.90	2.936	3.108	3.090	2.860	2.518	2.253	2.264	2.660	3.389	4.240
4201	42.00	4.912	5.129	4.755	3.849	2.645	1.458	0.565	0.106	0.041	0.191
4211	42.10	0.319	0.232	-0.158	-0.809	-1.585	-2.305	-2.787	-2.880	-2.475	-1.520
4221	42.20	-0.038	1.833	3.822	5.548	6.589	6.610	5.483	3.372	0.720	-1.874
4231	42.30	-3.836	-4.801	-4.728	-3.891	-2.762	-1.825	-1.407	-1.592	-2.239	-3.088
4241	42.40	-3.888	-4.497	-4.900	-5.159	-5.332	-5.417	-5.346	-5.037	-4.464	-3.713
4251	42.50	-2.964	-2.429	-2.257	-2.465	-2.923	-3.421	-3.761	-3.846	-3.716	-3.509
4261	42.60	-3.377	-3.390	-3.490	-3.511	-3.264	-2.638	-1.668	-0.541	0.477	1.143
4271	42.70	1.334	1.096	0.610	0.113	-0.205	-0.263	-0.103	0.158	0.411	0.617
4281	42.80	0.831	1.177	1.776	2.674	3.796	4.950	5.886	6.373	6.282	5.628
4291	42.90	4.570	3.361	2.280	1.552	1.294	1.490	2.006	2.631	3.129	3.302
4301	43.00	3.032	2.308	1.222	-0.055	-1.319	-2.391	-3.154	-3.580	-3.726	-3.699
4311	43.10	-3.621	-3.584	-3.630	-3.755	-3.928	-4.120	-4.322	-4.541	-4.786	-5.038
4321	43.20	-5.239	-5.294	-5.106	-4.610	-3.812	-2.796	-1.702	-0.683	0.143	0.726
4331	43.30	1.083	1.272	1.348	1.331	1.203	0.928	0.494	-0.054	-0.600	-0.986
4341	43.40	-1.058	-0.723	0.020	1.080	2.308	3.553	4.702	5.710	6.578	7.327
4351	43.50	7.961	8.444	8.708	8.678	8.311	7.616	6.655	5.526	4.332	3.153
4361	43.60	2.038	1.009	0.087	-0.697	-1.290	-1.635	-1.690	-1.453	-0.983	-0.389
4371	43.70	0.190	0.621	0.818	0.765	0.522	0.217	0.005	0.034	0.399	1.113
4381	43.80	2.099	3.201	4.218	4.945	5.222	4.964	4.180	2.961	1.456	-0.159
4391	43.90	-1.720	-3.098	-4.219	-5.057	-5.638	-6.015	-6.256	-6.423	-6.551	-6.639
4401	44.00	-6.650	-6.524	-6.205	-5.669	-4.944	-4.108	-3.270	-2.524	-1.912	-1.394
4411	44.10	-0.866	-0.197	0.707	1.840	3.074	4.181	4.897	5.018	4.477	3.381
4421	44.20	1.985	0.621	-0.412	-0.929	-0.911	-0.491	0.115	0.689	1.083	1.265
4431	44.30	1.299	1.300	1.377	1.571	1.847	2.101	2.206	2.062	1.638	0.993
4441	44.40	0.260	-0.382	-0.762	-0.768	-0.383	0.296	1.084	1.745	2.066	1.916
4451	44.50	1.291	0.318	-0.779	-1.747	-2.383	-2.592	-2.402	-1.943	-1.389	-0.898
4461	44.60	-0.564	-0.413	-0.423	-0.565	-0.837	-1.261	-1.867	-2.646	-3.515	-4.311
4471	44.70	-4.825	-4.857	-4.290	-3.141	-1.571	0.146	1.689	2.770	3.207	2.968
4481	44.80	2.177	1.085	0.005	-0.760	-1.006	-0.683	0.083	1.012	1.757	2.010
4491	44.90	1.616	0.638	-0.636	-1.780	-2.364	-2.105	-0.970	0.801	2.768	4.431

Table 7-5-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1197 713-GR-1-2 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 32.358 (GAL) T= 21.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	5.392	5.475	4.762	3.547	2.220	1.143	0.543	0.477	0.847	1.461
4511	45.10	2.109	2.621	2.894	2.903	2.684	2.319	1.916	1.582	1.400	1.396
4521	45.20	1.531	1.689	1.717	1.460	0.821	-0.199	-1.503	-2.916	-4.242	-5.319
4531	45.30	-6.053	-6.427	-6.482	-6.279	-5.877	-5.319	-4.642	-3.887	-3.114	-2.393
4541	45.40	-1.786	-1.327	-1.016	-0.830	-0.746	-0.776	-0.967	-1.394	-2.117	-3.138
4551	45.50	-4.373	-5.662	-6.806	-7.627	-8.022	-7.981	-7.573	-6.895	-6.024	-4.989
4561	45.60	-3.773	-2.363	-0.793	0.824	2.305	3.453	4.130	4.323	4.161	3.872
4571	45.70	3.705	3.823	4.240	4.814	5.295	5.435	5.083	4.250	3.115	1.960
4581	45.80	1.077	0.673	0.815	1.420	2.300	3.226	3.990	4.444	4.525	4.238
4591	45.90	3.659	2.910	2.160	1.593	1.387	1.658	2.421	3.562	4.847	5.980
4601	46.00	6.682	6.777	6.245	5.227	3.973	2.754	1.776	1.124	0.759	0.563
4611	46.10	0.402	0.193	-0.071	-0.333	-0.516	-0.576	-0.530	-0.456	-0.452	-0.594
4621	46.20	-0.886	-1.250	-1.553	-1.655	-1.474	-1.025	-0.437	0.083	0.303	0.047
4631	46.30	-0.750	-2.007	-3.513	-4.976	-6.107	-6.699	-6.685	-6.158	-5.337	-4.496
4641	46.40	-3.880	-3.629	-3.747	-4.113	-4.543	-4.861	-4.964	-4.842	-4.561	-4.209
4651	46.50	-3.833	-3.407	-2.841	-2.029	-0.920	0.425	1.828	3.029	3.779	3.925
4661	46.60	3.474	2.597	1.572	0.679	0.108	-0.099	-0.049	0.069	0.076	-0.120
4671	46.70	-0.486	-0.888	-1.159	-1.180	-0.937	-0.524	-0.098	0.192	0.278	0.196
4681	46.80	0.067	0.035	0.194	0.544	0.996	1.413	1.681	1.770	1.741	1.723
4691	46.90	1.840	2.149	2.602	3.062	3.358	3.361	3.027	2.419	1.662	0.894
4701	47.00	0.210	-0.349	-0.782	-1.083	-1.214	-1.106	-0.699	-0.002	0.866	1.687
4711	47.10	2.216	2.283	1.889	1.234	0.664	0.535	1.069	2.243	3.786	5.277
4721	47.20	6.318	6.693	6.455	5.884	5.358	5.164	5.365	5.766	6.002	5.704
4731	47.30	4.668	2.951	0.848	-1.233	-2.931	-4.072	-4.697	-5.005	-5.223	-5.484
4741	47.40	-5.762	-5.910	-5.756	-5.214	-4.361	-3.413	-2.637	-2.230	-2.219	-2.444
4751	47.50	-2.621	-2.463	-1.801	-0.662	0.746	2.104	3.093	3.497	3.253	2.445
4761	47.60	1.256	-0.097	-1.411	-2.530	-3.354	-3.832	-3.968	-3.813	-3.467	-3.059
4771	47.70	-2.708	-2.483	-2.374	-2.285	-2.072	-1.602	-0.819	0.214	1.320	2.254
4781	47.80	2.786	2.776	2.226	1.282	0.188	-0.786	-1.420	-1.602	-1.344	-0.770
4791	47.90	-0.070	0.554	0.944	1.019	0.799	0.391	-0.034	-0.293	-0.234	0.214
4801	48.00	1.026	2.090	3.235	4.282	5.094	5.598	5.795	5.738	5.509	5.188
4811	48.10	4.843	4.530	4.293	4.166	4.165	4.271	4.420	4.515	4.442	4.115
4821	48.20	3.511	2.680	1.731	0.788	-0.056	-0.777	-1.423	-2.077	-2.808	-3.624
4831	48.30	-4.460	-5.200	-5.731	-5.993	-6.015	-5.894	-5.751	-5.666	-5.635	-5.568
4841	48.40	-5.331	-4.812	-3.988	-2.948	-1.872	-0.971	-0.411	-0.265	-0.500	-1.002
4851	48.50	-1.639	-2.301	-2.935	-3.528	-4.087	-4.605	-5.053	-5.392	-5.598	-5.689
4861	48.60	-5.723	-5.772	-5.881	-6.034	-6.142	-6.069	-5.690	-4.944	-3.870	-2.603
4871	48.70	-1.328	-0.215	0.637	1.231	1.652	2.023	2.447	2.964	3.539	4.085
4881	48.80	4.506	4.733	4.753	4.602	4.350	4.066	3.799	3.569	3.368	3.176
4891	48.90	2.968	2.730	2.650	2.129	1.772	1.394	1.022	0.692	0.438	0.286

Table 7-6-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	8.448	11.145	11.685	10.615	8.979	7.862	7.934	9.219	11.150	12.882
11	0.10	13.698	13.308	11.942	10.191	8.721	7.984	8.073	8.749	9.609	10.288
21	0.20	10.595	10.532	10.225	9.811	9.367	8.899	8.393	7.872	7.413	7.125
31	0.30	7.079	7.258	7.550	7.792	7.848	7.674	7.331	6.959	6.699	6.635
41	0.40	6.762	7.003	7.247	7.395	7.387	7.207	6.876	6.452	6.032	5.740
51	0.50	5.705	5.997	6.565	7.202	7.579	7.365	6.385	4.754	2.911	1.505
61	0.60	1.153	2.171	4.390	7.153	9.516	10.596	9.904	7.552	4.218	0.901
71	0.70	-1.450	-2.263	-1.509	0.346	2.568	4.446	5.522	5.676	5.075	4.016
81	0.80	2.780	1.552	0.430	-0.521	-1.203	-1.486	-1.256	-0.499	0.642	1.878
91	0.90	2.854	3.268	2.978	2.048	0.719	-0.682	-1.841	-2.538	-2.679	-2.294
101	1.00	-1.508	-0.512	0.459	1.158	1.377	1.010	0.116	-1.064	-2.155	-2.764
111	1.10	-2.631	-1.753	-0.415	0.901	1.690	1.634	0.736	-0.668	-2.043	-2.880
121	1.20	-2.908	-2.211	-1.183	-0.359	-0.171	-0.761	-1.910	-3.134	-3.884	-3.783
131	1.30	-2.784	-1.198	0.427	1.512	1.665	0.816	-0.766	-2.582	-4.078	-4.827
141	1.40	-4.646	-3.628	-2.082	-0.419	0.965	1.782	1.894	1.316	0.184	-1.277
151	1.50	-2.793	-4.070	-4.844	-4.922	-4.248	-2.936	-1.284	0.286	1.324	1.496
161	1.60	0.697	-0.885	-2.813	-4.524	-5.519	-5.532	-4.625	-3.162	-1.679	-0.688
171	1.70	-0.492	-1.094	-2.216	-3.426	-4.308	-4.612	-4.319	-3.612	-2.768	-2.044
181	1.80	-1.591	-1.432	-1.509	-1.742	-2.081	-2.514	-3.026	-3.565	-4.012	-4.213
191	1.90	-4.035	-3.443	-2.539	-1.548	-0.743	-0.350	-0.467	-1.031	-1.859	-2.729
201	2.00	-3.469	-4.005	-4.364	-4.614	-4.787	-4.828	-4.590	-3.892	-2.609	-0.760
211	2.10	1.440	3.611	5.288	6.058	5.685	4.199	1.904	-0.686	-2.980	-4.469
221	2.20	-4.868	-4.194	-2.762	-1.094	0.239	0.787	0.367	-0.877	-2.515	-3.960
231	2.30	-4.654	-4.250	-2.737	-0.455	2.000	3.958	4.878	4.527	3.044	0.897
241	2.40	-1.279	-2.894	-3.593	-3.361	-2.503	-1.507	-0.640	-0.763	-1.242	-1.969
251	2.50	-2.521	-2.549	-1.954	-0.943	0.040	0.496	0.081	-1.229	-3.099	-4.935
261	2.60	-6.076	-6.017	-4.576	-1.953	1.319	4.521	6.913	7.895	7.123	4.586
271	2.70	0.626	-4.080	-8.604	-11.923	-13.146	-11.763	-7.855	-2.168	4.004	9.132
281	2.80	11.883	11.539	8.249	3.020	-2.584	-6.925	-8.808	-7.853	-4.578	-0.199
291	2.90	3.807	6.192	6.328	4.366	1.128	-2.199	-4.472	-4.945	-3.471	-0.509
301	3.00	3.047	6.163	7.969	8.007	6.357	3.602	0.653	-1.525	-2.216	-1.190
311	3.10	1.201	4.111	6.454	7.273	6.075	3.040	-1.004	-4.830	-7.220	-7.383
321	3.20	-5.231	-1.407	2.939	6.550	8.483	8.397	6.601	3.883	1.180	-0.751
331	3.30	-1.543	-1.257	-0.254	1.012	2.166	3.006	3.480	3.606	3.406	2.878
341	3.40	2.038	0.982	-0.087	-0.895	-1.197	-0.887	-0.065	0.990	1.921	2.439
351	3.50	2.432	1.994	1.356	0.772	0.416	0.334	0.477	0.778	1.213	1.810
361	3.60	2.590	3.488	4.305	4.732	4.466	3.349	1.478	-0.790	-2.933	-4.438
371	3.70	-4.958	-4.402	-2.916	-0.799	1.607	3.975	5.993	7.337	7.666	6.693
381	3.80	4.329	0.829	-3.158	-6.683	-8.772	-8.767	-6.609	-2.917	1.181	4.443
391	3.90	5.946	5.420	3.319	0.610	-1.619	-2.575	-2.030	-0.337	1.763	3.478
401	4.00	4.256	3.954	2.813	1.302	-0.096	-1.047	-1.437	-1.338	-0.921	-0.370
411	4.10	0.178	0.643	0.983	1.167	1.153	0.890	0.334	-0.531	-1.647	-2.855
421	4.20	-3.875	-4.335	-3.865	-2.236	0.483	3.836	7.012	9.045	9.151	6.962
431	4.30	2.932	-1.885	-6.033	-8.166	-7.428	-3.981	1.215	6.608	10.598	12.056
441	4.40	10.655	6.901	1.879	-3.152	-7.151	-9.517	-10.119	-9.155	-6.966	-3.908
451	4.50	-0.322	3.410	6.814	9.344	10.497	9.982	7.867	4.611	0.948	-2.329
461	4.60	-4.614	-5.652	-5.567	-4.751	-3.683	-2.753	-2.168	-1.951	-2.004	-2.184
471	4.70	-2.353	-2.381	-2.138	-1.505	-0.429	1.005	2.518	3.660	3.928	2.963
481	4.80	0.735	-2.354	-5.528	-7.846	-8.506	-7.134	-3.945	0.280	4.409	7.283
491	4.90	8.055	6.419	2.696	-2.271	-7.341	-11.361	-13.443	-13.159	-10.620	-6.426

Table 7-6-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-1.514	3.080	6.473	8.137	8.005	6.442	4.095	1.678	-0.245	-1.402
511	5.10	-1.829	-1.786	-1.605	-1.548	-1.731	-2.129	-2.644	-3.180	-3.679	-4.111
521	5.20	-4.411	-4.449	-4.034	-3.003	-1.330	0.784	2.906	4.485	5.042	4.368
531	5.30	2.639	0.389	-1.666	-2.873	-2.876	-1.724	0.169	2.201	3.807	4.644
541	5.40	4.653	4.004	2.953	1.710	0.362	-1.093	-2.658	-4.236	-5.589	-6.386
551	5.50	-6.332	-5.301	-3.415	-1.030	1.378	3.377	4.710	5.347	5.428	5.149
561	5.60	4.640	3.910	2.887	1.526	-0.080	-1.649	-2.784	-3.137	-2.595	-1.406
571	5.70	-0.139	0.512	0.024	-1.676	-4.095	-6.288	-7.189	-6.040	-2.749	1.981
581	5.80	6.827	10.276	11.152	9.046	4.481	-1.262	-6.570	-10.027	-10.849	-9.067
591	5.90	-5.432	-1.101	2.748	5.236	5.937	4.862	2.342	-1.118	-4.944	-8.537
601	6.00	-11.304	-12.706	-12.352	-10.119	-6.246	-1.326	3.799	8.248	11.318	12.636
611	6.10	12.195	10.269	7.272	3.630	-0.283	-4.125	-7.539	-10.125	-11.488	-11.355
621	6.20	-9.696	-6.800	-3.232	0.324	3.267	5.259	6.286	6.593	6.521	6.338
631	6.30	6.141	5.869	5.397	4.656	3.694	2.651	1.661	0.755	-0.180	-1.323
641	6.40	-2.784	-4.459	-5.984	-6.827	-6.495	-4.775	-1.892	1.501	4.514	6.321
651	6.50	6.447	4.933	2.299	-0.649	-3.103	-4.493	-4.615	-3.599	-1.791	0.404
661	6.60	2.629	4.597	6.062	6.780	6.513	5.086	2.488	-1.047	-5.030	-8.799
671	6.70	-11.660	-13.063	-12.730	-10.704	-7.319	-3.120	1.253	5.151	8.001	9.380
681	6.80	9.085	7.201	4.140	0.602	-2.552	-4.510	-4.746	-3.198	-0.318	3.051
691	6.90	5.928	7.504	7.389	5.711	3.026	0.103	-2.357	-3.917	-4.488	-4.254
701	7.00	-3.519	-2.552	-1.499	-0.401	0.727	1.799	2.639	3.032	2.849	2.154
711	7.10	1.242	0.564	0.550	1.420	3.054	4.992	6.579	7.183	6.425	4.311
721	7.20	1.242	-2.112	-4.998	-6.780	-7.068	-5.789	-3.176	0.281	3.918	7.003
731	7.30	8.869	9.068	7.497	4.489	0.750	-2.803	-5.311	-6.238	-5.549	-3.707
741	7.40	-1.488	0.319	1.207	1.119	0.423	-0.287	-0.474	0.111	1.339	2.790
751	7.50	3.952	4.446	4.154	3.220	1.942	0.613	-0.574	-1.538	-2.239	-2.589
761	7.60	-2.414	-1.520	0.175	2.509	5.014	7.008	7.796	6.927	4.387	0.645
771	7.70	-3.487	-7.112	-9.542	-10.495	-10.138	-8.954	-7.502	-6.177	-5.056	-3.896
781	7.80	-2.274	0.194	3.627	7.747	11.883	15.116	16.529	15.481	11.841	6.076
791	7.90	-0.809	-7.495	-12.675	-15.391	-15.282	-12.660	-8.403	-3.674	0.419	3.130
801	8.00	4.247	4.072	3.247	2.484	2.311	2.907	4.089	5.416	6.374	6.560
811	8.10	5.797	4.163	1.946	-0.463	-2.669	-4.353	-5.316	-5.484	-4.903	-3.722
821	8.20	-2.173	-0.545	0.850	1.731	1.902	1.306	0.053	-1.586	-3.232	-4.475
831	8.30	-4.975	-4.541	-3.179	-1.087	1.399	3.895	6.053	7.623	8.465	8.526
841	8.40	7.788	6.234	3.860	0.718	-3.005	-6.941	-10.549	-13.214	-14.400	-13.830
851	8.50	-11.592	-8.145	-4.194	-0.479	2.442	4.331	5.290	5.637	5.723	5.758
861	8.60	5.734	5.466	4.736	3.456	1.768	0.033	-1.290	-1.831	-1.461	-0.354
871	8.70	1.067	2.280	2.829	2.452	1.128	-0.962	-3.499	-6.097	-8.335	-9.778
881	8.80	-10.008	-8.705	-5.766	-1.434	3.647	8.504	12.054	13.414	12.202	8.706
891	8.90	3.835	-1.132	-4.946	-6.759	-6.372	-4.250	-1.319	1.355	2.899	2.860
901	9.00	1.269	-1.445	-4.614	-7.516	-9.511	-10.131	-9.136	-6.551	-2.698	1.808
911	9.10	6.130	9.357	10.714	9.781	6.634	1.867	-3.552	-8.523	-12.096	-13.692
921	9.20	-13.205	-10.964	-7.599	-3.858	-0.449	2.079	3.390	3.382	2.191	0.175
931	9.30	-2.128	-4.083	-5.091	-4.735	-2.918	0.080	3.643	6.968	9.271	10.001
941	9.40	8.987	6.480	3.072	-0.460	-3.358	-5.057	-5.308	-4.204	-2.135	0.327
951	9.50	2.566	4.071	4.538	3.933	2.470	0.553	-1.344	-2.789	-3.490	-3.341
961	9.60	-2.418	-0.930	0.855	2.676	4.326	5.668	6.629	7.179	7.315	7.049
971	9.70	6.409	5.446	4.238	2.891	1.526	0.266	-0.783	-1.557	-2.038	-2.259
981	9.80	-2.285	-2.195	-2.050	-1.883	-1.692	-1.457	-1.165	-0.826	-0.483	-0.187
991	9.90	0.021	0.142	0.211	0.282	0.380	0.467	0.442	0.183	-0.380	-1.183

Table 7-6-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-2.005	-2.508	-2.350	-1.342	0.432	2.584	4.496	5.515	5.167	3.338
1011	10.10	0.325	-3.239	-6.582	-9.029	-19.178	-9.980	-8.686	-6.707	-4.455	-2.230
1021	10.20	-0.180	1.653	3.259	4.584	5.522	5.941	5.753	4.971	3.722	2.220
1031	10.30	0.694	-0.673	-1.786	-2.631	-3.236	-3.625	-3.789	-3.688	-3.284	-2.570
1041	10.40	-1.596	-0.454	0.744	1.902	2.951	3.834	4.480	4.780	4.610	3.886
1051	10.50	2.646	1.117	-0.288	-1.054	-0.733	0.877	3.589	6.809	9.663	11.234
1061	10.60	10.841	8.271	3.870	-1.533	-6.842	-10.974	-13.133	-12.969	-10.624	-6.648
1071	10.70	-1.838	2.944	6.933	9.574	10.590	9.997	8.076	5.309	2.280	-0.444
1081	10.80	-2.430	-3.464	-3.572	-2.984	-2.040	-1.071	-0.308	0.163	0.386	0.480
1091	10.90	0.566	0.704	0.879	1.009	0.986	0.719	0.174	-0.612	-1.530	-2.423
1101	11.00	-3.126	-3.512	-3.543	-3.309	-3.014	-2.933	-3.301	-4.200	-5.469	-6.687
1111	11.10	-7.263	-6.616	-4.398	-0.679	3.984	8.636	12.150	13.539	12.252	8.347
1121	11.20	2.506	-4.140	-10.287	-14.780	-16.870	-16.350	-13.540	-9.161	-4.126	0.670
1131	11.30	4.515	6.980	7.932	7.497	5.982	3.793	1.363	-0.900	-2.657	-3.661
1141	11.40	-3.787	-3.054	-1.628	0.194	2.031	3.496	4.285	4.257	3.475	2.196
1151	11.50	0.811	-0.259	-0.672	-0.261	0.919	2.589	4.306	5.570	5.943	5.183
1161	11.60	3.340	0.787	-1.829	-3.731	-4.214	-7.879	0.202	4.427	8.768	12.014
1171	11.70	13.097	11.405	6.977	0.534	-6.697	-13.272	-17.891	-19.688	-18.416	-14.459
1181	11.80	-8.709	-2.346	3.430	7.639	9.706	9.549	7.555	4.471	1.200	-1.422
1191	11.90	-2.821	-2.800	-1.541	0.501	2.762	4.744	6.114	6.727	6.567	5.671
1201	12.00	4.073	1.817	-0.985	-4.081	-7.050	-9.364	-10.528	-10.241	-8.527	-5.763
1211	12.10	-2.589	0.280	2.248	3.010	2.604	1.381	-0.115	-1.284	-1.613	-0.773
1221	12.20	1.307	4.407	8.021	11.416	13.762	14.317	12.642	8.768	3.260	-2.876
1231	12.30	-8.417	-12.237	-13.600	-12.359	-8.929	-4.239	0.607	4.566	6.891	7.262
1241	12.40	5.819	3.050	-0.251	-3.240	-5.158	-5.523	-4.256	-1.738	1.248	3.708
1251	12.50	4.711	3.681	0.616	-3.854	-8.602	-12.305	-13.812	-12.472	-8.330	-2.116
1261	12.60	4.945	11.427	16.048	17.930	16.769	12.855	6.987	0.292	-6.000	-10.790
1271	12.70	-13.309	-13.266	-10.880	-6.825	-2.065	2.365	5.578	7.013	6.514	4.308
1281	12.80	0.905	-3.041	-6.865	-9.982	-11.941	-12.440	-11.337	-8.662	-4.639	0.305
1291	12.90	5.556	10.390	14.084	16.060	16.023	14.030	10.502	6.124	1.701	-2.026
1301	13.00	-4.539	-5.633	-5.426	-4.287	-2.711	-1.184	-0.071	0.436	0.319	-0.306
1311	13.10	-1.248	-2.293	-3.228	-3.864	-4.039	-3.644	-2.650	-1.146	0.656	2.441
1321	13.20	3.860	4.626	4.596	3.826	2.556	1.135	-0.088	-0.865	-1.114	-0.916
1331	13.30	-0.663	0.024	0.371	0.482	0.344	-0.007	-0.512	-1.106	-1.697	-2.158
1341	13.40	-2.314	-1.988	-1.062	0.438	2.286	4.080	5.330	5.617	4.753	2.888
1351	13.50	0.496	-1.752	-3.202	-3.446	-2.473	-0.677	1.269	2.653	2.968	2.084
1361	13.60	0.274	-1.900	-3.793	-4.906	-5.023	-4.241	-2.883	-1.347	0.034	1.070
1371	13.70	1.708	1.966	1.863	1.380	0.489	-0.790	-2.318	-3.821	-4.939	-5.320
1381	13.80	-4.740	-3.178	-0.834	1.931	4.685	7.016	8.593	9.189	8.674	7.022
1391	13.90	4.331	0.857	-2.962	-6.540	-9.233	-10.492	-10.016	-7.858	-4.430	-0.406
1401	14.00	3.454	6.490	8.265	8.721	7.943	6.273	4.115	1.874	-0.084	-1.458
1411	14.10	-2.038	-1.747	-0.680	0.878	2.500	3.720	4.182	3.761	2.625	1.172
1421	14.20	-0.117	-0.873	-0.985	-0.648	-0.273	-0.305	-1.010	-2.349	-3.970	-5.340
1431	14.30	-5.959	-5.570	-4.269	-2.473	-0.765	0.331	0.548	-0.033	-1.025	-1.892
1441	14.40	-2.162	-1.605	-0.315	1.318	2.744	3.435	3.052	1.547	-0.818	-3.544
1451	14.50	-6.017	-7.660	-8.068	-7.105	-4.939	-2.017	1.035	3.549	4.980	5.049
1461	14.60	3.819	1.686	-0.733	-2.784	-3.972	-4.114	-3.379	-2.223	-1.206	-0.789
1471	14.70	-1.164	-2.184	-3.425	-4.338	-4.448	-3.508	-1.571	1.047	3.885	6.476
1481	14.80	8.463	9.645	9.963	9.454	8.205	6.335	4.015	1.468	-0.928	-2.881
1491	14.90	-4.073	-4.343	-3.733	-2.482	-0.956	0.467	1.511	2.065	2.181	2.010

Table 7-6-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.717	1.408	1.114	0.819	0.520	0.267	0.170	0.345	0.848	1.605
1511	15.10	2.404	2.943	2.934	2.212	0.813	-1.016	-2.886	-4.380	-5.179	-5.157
1521	15.20	-4.409	-3.212	-1.935	-0.932	-0.436	-0.510	-1.033	-1.750	-2.354	-2.582
1531	15.30	-2.307	-1.578	-0.621	0.239	0.681	0.504	-0.290	-1.485	-2.722	-3.617
1541	15.40	-3.902	-3.519	-2.634	-1.558	-0.613	0.004	0.310	0.514	0.923	1.776
1551	15.50	3.112	4.698	6.075	6.689	6.082	4.058	0.775	-3.265	-7.326	-10.615
1561	15.60	-12.469	-12.507	-10.708	-7.419	-3.273	0.941	4.445	6.660	7.238	6.325
1571	15.70	4.342	1.958	-0.112	-1.317	-1.431	-0.604	0.703	1.901	2.500	2.297
1581	15.80	1.453	0.434	-0.178	0.077	1.349	3.392	5.643	7.410	8.108	7.454
1591	15.90	5.550	2.836	-0.074	-2.578	-4.260	-4.965	-4.791	-4.001	-2.903	-1.749
1601	16.00	-0.668	0.351	1.426	2.726	4.391	6.451	8.756	10.945	12.479	12.746
1611	16.10	11.237	7.740	2.496	-3.758	-9.905	-14.598	-17.093	-16.551	-13.201	-7.821
1621	16.20	-1.611	4.134	8.367	10.519	10.561	8.902	6.185	3.068	0.074	-2.470
1631	16.30	-4.396	-5.628	-6.128	-5.881	-4.931	-3.413	-1.573	0.267	1.784	2.732
1641	16.40	3.011	2.684	1.935	1.015	0.167	-0.426	-0.659	-0.514	-0.048	0.616
1651	16.50	1.302	1.808	1.949	1.605	0.770	-0.419	-1.709	-2.786	-3.360	-3.252
1661	16.60	-2.438	-1.054	0.641	2.337	3.735	4.599	4.787	4.261	3.084	1.417
1671	16.70	-0.502	-2.395	-3.997	-5.110	-5.647	-5.631	-5.159	-4.333	-3.202	-1.738
1681	16.80	0.111	2.336	4.764	7.021	8.587	8.945	7.794	5.206	1.685	-1.948
1691	16.90	-4.794	-6.176	-5.864	-4.154	-1.748	0.508	1.927	2.203	1.485	0.262
1701	17.00	-0.860	-1.393	-1.129	-0.171	1.160	2.470	3.422	3.804	3.533	2.613
1711	17.10	1.116	-0.809	-2.900	-4.755	-5.879	-5.808	-4.281	-1.401	2.302	5.970
1721	17.20	8.643	9.566	8.446	5.572	1.731	-2.034	-4.752	-5.814	-5.118	-3.054
1731	17.30	-0.323	2.304	4.209	5.072	4.894	3.935	2.602	1.330	0.488	0.320
1741	17.40	0.909	2.162	3.823	5.518	6.830	7.402	7.042	5.782	3.889	1.788
1751	17.50	-0.052	-1.253	-1.629	-1.225	-0.283	0.846	1.809	2.342	2.330	1.816
1761	17.60	0.973	0.056	-0.665	-0.964	-0.721	0.046	1.174	2.386	3.358	3.804
1771	17.70	3.555	2.598	1.064	-0.838	-2.903	-4.998	-7.079	-9.154	-11.204	-13.115
1781	17.80	-14.654	-15.522	-15.459	-14.366	-12.386	-9.898	-7.412	-5.424	-4.258	-3.988
1791	17.90	-4.443	-5.313	-6.281	-7.137	-7.830	-8.435	-9.084	-9.885	-10.689	-12.088
1801	18.00	-13.457	-14.964	-16.554	-18.087	-19.277	-19.689	-18.821	-16.279	-11.977	-6.290
1811	18.10	-0.070	5.525	9.322	10.488	8.792	4.693	-0.789	-6.370	-10.865	-13.476
1821	18.20	-13.934	-12.443	-9.494	-5.624	-1.241	3.438	8.323	13.309	18.139	22.348
1831	18.30	25.321	26.455	25.367	22.069	17.040	11.162	5.528	1.175	-1.163	-1.231
1841	18.40	0.719	4.035	7.873	11.427	14.110	15.649	16.051	15.517	14.315	12.700
1851	18.50	10.877	9.019	7.289	5.848	4.828	4.283	4.162	4.328	4.622	4.955
1861	18.60	5.349	5.919	6.758	7.807	8.759	9.088	8.213	5.746	1.720	-3.310
1871	18.70	-8.379	-12.388	-14.663	-14.233	-11.920	-8.210	-3.964	0.085	3.516	6.221
1881	18.80	8.236	9.532	9.878	8.882	6.179	1.686	-4.224	-10.725	-16.743	-21.283
1891	18.90	-23.738	-24.050	-22.673	-20.349	-17.820	-15.591	-13.826	-12.391	-11.001	-9.376
1901	19.00	-7.353	-4.927	-2.244	0.427	2.721	4.197	4.409	3.016	-0.069	-4.545
1911	19.10	-9.686	-14.445	-17.700	-18.563	-16.658	-12.239	-6.125	0.548	6.647	11.324
1921	19.20	14.181	15.270	14.987	13.914	12.671	11.814	11.769	12.767	14.779	17.480
1931	19.30	20.265	22.383	23.170	22.308	20.024	17.102	14.684	13.867	15.382	19.100
1941	19.40	24.194	29.281	32.897	33.978	32.192	28.008	22.477	16.848	12.168	9.017
1951	19.50	7.455	7.159	7.650	8.501	9.430	10.275	10.898	11.098	10.590	9.085
1961	19.60	6.405	2.600	-2.025	-6.963	-11.636	-15.541	-18.365	-20.023	-20.638	-20.478
1971	19.70	-19.886	-19.223	-18.828	-18.976	-19.824	-21.379	-23.455	-25.696	-27.658	-28.925
1981	19.80	-29.268	-28.631	-27.348	-25.856	-24.641	-24.052	-24.162	-24.718	-25.198	-24.948
1991	19.90	-23.369	-20.113	-15.212	-9.137	-2.739	2.908	6.739	7.948	6.205	1.773

Table 7-6-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-4.523	-11.458	-17.680	-22.013	-23.703	-22.557	-18.925	-13.554	-7.365	-1.219
2011	20.10	4.270	8.820	12.464	15.450	18.067	20.481	22.603	24.055	24.247	22.576
2021	20.20	18.687	12.709	5.377	-2.045	-8.037	-11.231	-10.809	-6.746	0.191	8.721
2031	20.30	17.455	25.299	31.663	36.416	39.623	41.228	40.867	37.936	31.921	22.853
2041	20.40	11.652	0.169	-9.174	-14.064	-13.069	-6.232	4.771	16.968	26.861	31.374
2051	20.50	28.696	18.783	3.383	-14.395	-30.825	-42.422	-46.719	-42.777	-31.371	-14.795
2061	20.60	3.630	20.266	31.921	36.499	33.412	23.636	9.419	-6.281	-20.487	-30.851
2071	20.70	-36.097	-36.194	-32.226	-26.036	-19.727	-15.157	-13.507	-15.026	-18.998	-23.946
2081	20.80	-28.045	-29.651	-27.815	-22.629	-15.280	-7.758	-2.289	-0.638	-3.523	-10.326
2091	20.90	-19.220	-27.676	-33.201	-34.062	-29.765	-21.145	-10.065	1.163	10.430	16.348
2101	21.00	18.498	17.373	14.081	9.947	6.142	3.460	2.242	2.458	3.839	6.014
2111	21.10	8.599	11.237	13.600	15.415	16.503	16.833	16.573	16.064	15.735	15.945
2121	21.20	16.819	18.146	19.403	19.905	19.061	16.625	12.860	8.521	4.659	2.305
2131	21.30	2.134	4.236	8.078	12.657	16.805	19.523	20.251	18.987	16.251	12.910
2141	21.40	9.949	8.231	8.316	10.343	13.980	18.457	22.658	25.302	25.188	21.489
2151	21.50	14.024	3.437	-8.798	-20.579	-29.588	-33.818	-32.089	-24.408	-12.065	2.592
2161	21.60	16.653	27.292	32.385	30.963	23.366	11.103	-3.531	-17.955	-29.787	-37.226
2171	21.70	-39.281	-35.866	-27.780	-16.604	-4.512	6.034	12.695	13.741	8.492	-2.416
2181	21.80	-17.070	-32.669	-46.187	-55.122	-58.096	-55.114	-47.411	-36.956	-25.826	-15.666
2191	21.90	-7.422	-1.362	2.685	5.044	6.011	5.816	4.702	3.004	1.124	-0.599
2201	22.00	-2.069	-3.525	-5.451	-8.292	-12.097	-16.272	-19.591	-20.538	-17.862	-11.148
2211	22.10	-1.140	10.330	20.808	27.920	30.066	26.853	19.167	8.891	-1.593	-9.943
2221	22.20	-14.285	-13.695	-7.327	3.572	17.724	33.007	46.960	57.240	62.118	60.916
2231	22.30	54.198	43.629	31.525	20.218	11.470	6.129	4.131	4.790	7.237	10.774
2241	22.40	15.014	19.782	24.871	29.814	33.831	35.989	35.496	32.016	25.820	17.738
2251	22.50	8.921	0.532	-6.491	-11.540	-14.294	-14.631	-12.582	-8.383	-2.598	3.776
2261	22.60	9.357	12.615	12.273	7.727	-0.686	-11.704	-23.461	-34.003	-41.808	-46.112
2271	22.70	-46.956	-44.945	-40.894	-35.515	-29.299	-22.601	-15.856	-9.749	-5.212	-3.215
2281	22.80	-4.408	-8.795	-15.598	-23.392	-30.486	-35.393	-37.217	-35.810	-31.670	-25.665
2291	22.90	-18.732	-11.679	-5.159	0.246	3.925	5.246	3.708	-0.806	-7.814	-16.168
2301	23.00	-24.225	-30.214	-32.688	-30.888	-24.910	-15.621	-4.398	7.221	17.830	26.325
2311	23.10	31.963	34.337	33.349	29.208	22.462	14.013	5.068	-2.998	-8.866	-11.521
2321	23.20	-10.484	-5.942	1.253	9.720	17.819	25.994	27.111	26.738	23.246	17.739
2331	23.30	11.752	6.878	4.367	4.860	8.332	14.228	21.727	29.984	38.262	45.919
2341	23.40	52.290	56.600	57.996	55.738	49.473	39.467	26.656	12.657	-1.588	-14.187
2351	23.50	-24.517	-32.210	-37.118	-39.040	-37.584	-32.287	-22.968	-10.149	4.687	19.190
2361	23.60	30.596	36.628	35.169	26.673	12.173	-6.070	-25.319	-42.894	-56.558	-64.701
2371	23.70	-66.419	-61.574	-50.876	-35.944	-19.219	-3.628	8.003	13.647	12.655	5.960
2381	23.80	-4.193	-14.933	-23.635	-28.656	-29.680	-27.597	-23.984	-20.446	-18.064	-17.131
2391	23.90	-17.224	-17.508	-17.127	-15.524	-12.591	-8.655	-4.325	-0.284	2.928	5.082
2401	24.00	6.337	7.195	8.340	10.359	13.463	17.289	20.913	23.085	22.663	19.057
2411	24.10	12.526	4.183	-4.319	-11.295	-15.533	-16.583	-14.739	-10.766	-5.399	0.763
2421	24.20	7.515	14.751	22.176	29.062	34.250	36.441	34.666	28.734	19.452	8.495
2431	24.30	-2.038	-10.206	-14.732	-15.250	-12.233	-6.687	0.238	7.532	14.428	20.321
2441	24.40	24.629	26.719	25.982	22.063	15.136	6.078	-3.576	-11.924	-17.173	-18.125
2451	24.50	-14.509	-7.039	2.818	13.267	22.654	29.806	34.143	35.610	34.437	30.927
2461	24.60	25.330	17.859	8.802	-1.356	-11.887	-21.875	-30.364	-36.528	-39.786	-39.839
2471	24.70	-36.642	-30.377	-21.467	-10.646	0.979	11.945	20.616	25.529	25.811	21.510
2481	24.80	13.692	4.210	-4.799	-11.536	-15.035	-15.379	-13.537	-10.919	-8.846	-8.140
2491	24.90	-8.989	-11.093	-13.974	-17.271	-20.861	-24.755	-28.852	-32.703	-35.451	-36.009

Table 7-6-6. TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-33.441	-27.375	-18.267	-7.377	3.549	12.796	19.167	22.295	22.630	21.166
2511	25.10	19.008	16.975	15.384	14.070	12.593	10.514	7.610	3.938	-0.238	-4.592
2521	25.20	-8.867	-12.899	-16.547	-19.574	-21.569	-21.979	-20.262	-16.103	-9.590	-1.274
2531	25.30	7.932	16.976	24.911	31.065	35.082	36.836	36.301	33.469	28.374	21.214
2541	25.40	12.499	3.115	-5.771	-12.950	-17.486	-18.958	-17.547	-13.906	-8.888	-3.255
2551	25.50	2.500	8.165	13.653	18.808	23.284	26.568	28.152	27.748	25.439	21.681
2561	25.60	17.155	12.559	8.442	5.176	3.046	2.381	3.588	7.031	12.748	20.146
2571	25.70	27.855	33.873	36.032	32.663	23.208	8.555	-9.065	-26.607	-40.980	-49.805
2581	25.80	-51.908	-47.450	-37.692	-24.555	-10.157	3.544	14.950	22.898	26.701	26.174
2591	25.90	21.670	14.045	4.521	-5.568	-15.082	-23.300	-29.986	-35.244	-39.238	-41.913
2601	26.00	-42.885	-41.551	-37.410	-30.429	-21.278	-11.286	-2.124	4.688	8.227	8.386
2611	26.10	5.791	1.461	-3.608	-8.740	-13.641	-18.226	-22.347	-25.599	-27.329	-26.864
2621	26.20	-23.836	-18.439	-11.451	-4.012	2.770	8.191	12.124	14.932	17.168	19.219
2631	26.30	21.097	22.448	22.784	21.776	19.470	16.292	12.847	9.635	6.835	4.278
2641	26.40	1.620	-1.381	-4.638	-7.678	-9.793	-10.323	-8.926	-5.710	-1.185	3.927
2651	26.50	8.905	13.172	16.327	18.096	18.294	16.859	13.962	10.109	6.154	3.137
2661	26.60	1.986	3.187	6.589	11.432	16.615	21.085	24.168	25.692	25.859	24.947
2671	26.70	23.017	19.799	14.828	7.775	-1.189	-11.197	-20.774	-28.194	-31.991	-31.408
2681	26.80	-26.629	-18.724	-9.343	-0.294	6.863	11.080	11.980	9.752	5.110	-0.915
2691	26.90	-7.167	-12.570	-16.301	-17.917	-17.372	-14.941	-11.069	-6.226	-0.832	4.723
2701	27.00	9.973	14.283	16.853	16.862	13.721	7.342	-1.708	-12.266	-22.821	-31.883
2711	27.10	-38.328	-41.589	-41.658	-38.943	-34.074	-27.760	-20.753	-13.867	-7.986	-3.973
2721	27.20	-2.482	-3.708	-7.223	-11.972	-16.495	-19.300	-19.291	-16.069	-10.033	-2.240
2731	27.30	5.915	13.077	18.257	21.031	21.571	20.528	18.815	17.337	16.740	17.234
2741	27.40	18.535	19.979	20.767	20.277	18.343	15.368	12.228	9.984	9.497	11.115
2751	27.50	14.540	18.944	23.253	26.488	28.019	27.634	25.455	21.769	16.900	11.184
2761	27.60	5.044	-0.917	-5.913	-9.101	-9.824	-7.845	-3.472	2.521	9.133	15.436
2771	27.70	20.787	24.860	27.490	28.469	27.402	23.778	17.218	7.810	-3.673	-15.805
2781	27.80	-26.843	-35.232	-40.097	-41.478	-40.223	-37.572	-34.628	-31.952	-29.465	-26.677
2791	27.90	-23.116	-18.731	-14.052	-10.031	-7.618	-7.295	-8.788	-11.112	-12.947	-13.178
2801	28.00	-11.358	-7.889	-3.834	-0.440	1.417	1.620	0.674	0.409	1.463	4.752
2811	28.10	10.138	16.617	22.602	26.394	26.640	22.661	14.565	3.177	-10.140	-23.702
2821	28.20	-35.711	-44.456	-48.535	-47.085	-40.002	-28.046	-12.774	3.731	19.294	32.102
2831	28.30	41.050	45.841	46.854	44.815	40.491	34.669	27.154	18.918	10.294	2.078
2841	28.40	-4.740	-9.212	-10.722	-9.199	-5.137	0.571	6.928	13.105	18.577	23.094
2851	28.50	26.523	28.689	29.315	28.106	24.924	19.965	13.812	7.318	1.366	-3.398
2861	28.60	-6.725	-8.754	-9.848	-10.361	-10.465	-10.107	-9.117	-7.387	-5.022	-2.380
2871	28.70	0.020	1.668	2.221	1.582	-0.122	-2.635	-5.654	-8.861	-11.889	-14.277
2881	28.80	-15.478	-14.966	-12.434	-7.994	-2.283	3.605	8.360	10.808	10.234	6.562
2891	28.90	0.339	-7.465	-15.733	-23.459	-29.889	-34.553	-37.205	-37.768	-36.319	-33.112
2901	29.00	-28.608	-23.446	-18.335	-13.870	-10.361	-7.745	-5.639	-3.522	-0.981	2.077
2911	29.10	5.348	8.214	9.956	10.019	8.213	4.798	0.422	-4.045	-7.730	-9.937
2921	29.20	-10.275	-8.699	-5.485	-1.163	3.587	8.046	11.577	13.737	14.362	13.588
2931	29.30	11.830	9.687	7.824	6.848	7.197	9.077	12.420	16.878	21.852	26.562
2941	29.40	30.160	31.898	31.312	28.363	23.498	17.573	11.666	6.705	3.409	1.942
2951	29.50	2.014	3.020	4.269	5.200	5.505	5.134	4.204	2.896	1.388	-0.144
2961	29.60	-1.477	-2.316	-2.327	-1.255	0.919	3.861	6.888	9.108	9.676	8.056
2971	29.70	4.193	-1.481	-8.200	-15.107	-21.485	-26.881	-31.101	-34.113	-35.930	-36.550
2981	29.80	-35.983	-34.333	-31.865	-28.998	-26.197	-23.809	-21.927	-20.346	-18.660	-16.447
2991	29.90	-13.482	-9.851	-5.938	-2.270	0.694	2.737	3.946	4.641	5.205	5.918

Table 7-6-7

TABLE OF CORRECTED ACCELERATION RECORD

NO. 7

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	6.854	7.883	8.767	9.296	9.385	9.103	8.633	8.178	7.886	7.800
3011	30.10	7.865	7.974	8.022	7.956	7.806	7.689	7.801	8.374	9.618	11.647
3021	30.20	14.404	17.626	20.861	23.558	25.199	25.435	24.176	21.602	18.091	14.115
3031	30.30	10.131	6.533	3.666	1.746	1.068	1.756	3.775	6.831	10.340	13.515
3041	30.40	15.543	15.805	14.051	10.456	5.538	-0.036	-5.651	-10.891	-15.558	-19.588
3051	30.50	-22.930	-25.450	-26.927	-27.132	-25.944	-23.427	-19.843	-15.577	-11.026	-6.528
3061	30.60	-2.342	1.291	4.085	5.681	5.705	3.910	0.336	-4.594	-10.092	-15.154
3071	30.70	-18.802	-20.334	-19.493	-16.517	-12.068	-7.068	-2.510	0.733	2.052	1.213
3081	30.80	-1.575	-5.666	-10.069	-13.632	-15.303	-14.403	-10.821	-5.053	1.944	9.048
3091	30.90	15.306	20.191	23.681	26.128	27.990	29.536	30.651	30.835	29.378	25.656
3101	31.00	19.418	10.960	1.122	-8.868	-17.672	-24.113	-27.401	-27.246	-23.865	-17.900
3111	31.10	-10.275	-2.024	5.878	12.676	17.938	21.584	23.836	25.085	25.716	25.959
3121	31.20	25.802	25.016	23.274	20.319	16.119	10.941	5.316	-0.090	-4.655	-7.960
3131	31.30	-9.880	-10.576	-10.408	-9.817	-9.197	-8.828	-8.848	-9.269	-10.002	-10.890
3141	31.40	-11.714	-12.215	-12.121	-11.204	-9.346	-6.608	-3.254	0.284	3.502	5.952
3151	31.50	7.373	7.748	7.297	6.373	5.320	4.336	3.398	2.279	0.649	-1.779
3161	31.60	-5.119	-9.234	-13.755	-18.164	-21.918	-24.566	-25.811	-25.528	-23.741	-20.590
3171	31.70	-16.322	-11.303	-6.038	-1.163	2.613	4.634	4.464	2.039	-2.241	-7.538
3181	31.80	-12.723	-16.618	-18.268	-17.169	-13.391	-7.558	-0.700	5.980	11.366	14.649
3191	31.90	15.457	13.886	10.430	5.841	0.959	-3.459	-6.863	-8.978	-9.803	-9.542
3201	32.00	-8.495	-6.940	-5.044	-2.823	-0.180	3.005	6.760	10.930	15.152	18.914
3211	32.10	21.678	23.033	22.815	21.146	18.386	15.005	11.446	8.018	4.870	2.051
3221	32.20	-0.389	-2.313	-3.467	-3.552	-2.345	0.157	3.657	7.575	11.176	13.763
3231	32.30	14.872	14.389	12.564	9.912	7.041	4.484	2.580	1.435	0.977	1.045
3241	32.40	1.485	2.199	3.139	4.254	5.411	6.350	6.690	6.006	3.967	0.483
3251	32.50	-4.185	-9.406	-14.284	-17.858	-19.362	-18.450	-15.318	-10.659	-5.470	-0.769
3261	32.60	2.681	4.547	4.936	4.260	3.014	1.583	0.133	-1.354	-2.955	-4.672
3271	32.70	-6.357	-7.759	-8.659	-9.016	-9.054	-9.197	-9.885	-11.340	-13.380	-15.401
3281	32.80	-16.534	-15.943	-13.150	-8.250	-1.946	4.624	10.194	13.704	14.542	12.653
3291	32.90	8.496	2.898	-3.120	-8.505	-12.309	-13.807	-12.613	-8.788	-2.903	3.990
3301	33.00	10.518	15.276	17.179	15.770	11.384	5.091	-1.588	-7.101	-10.303	-10.765
3311	33.10	-8.861	-5.608	-2.322	-0.201	0.033	-1.678	-4.745	-8.139	-10.715	-11.540
3321	33.20	-10.143	-6.616	-1.566	4.067	9.257	13.137	15.175	15.255	13.652	10.914
3331	33.30	7.702	4.622	2.102	0.327	-0.753	-1.353	-1.749	-2.171	-2.714	-3.315
3341	33.40	-3.764	-3.772	-3.068	-1.478	1.011	4.241	7.914	11.658	15.109	17.976
3351	33.50	20.084	21.379	21.910	21.785	21.125	20.027	18.536	16.643	14.301	11.455
3361	33.60	8.090	4.280	0.219	-3.776	-7.297	-9.916	-11.287	-11.231	-9.807	-7.313
3371	33.70	-4.236	-1.150	1.413	3.081	3.711	3.413	2.590	1.401	0.543	0.244
3381	33.80	0.622	1.562	2.727	3.636	3.764	2.697	0.226	-3.571	-8.319	-13.424
3391	33.90	-18.193	-21.990	-24.367	-25.151	-24.450	-22.597	-20.040	-17.235	-14.543	-12.193
3401	34.00	-10.273	-8.777	-7.652	-6.850	-6.345	-6.124	-6.163	-6.383	-6.641	-6.739
3411	34.10	-6.474	-5.713	-4.463	-2.916	-1.433	-0.459	-0.402	-1.492	-3.678	-6.605
3421	34.20	-9.679	-12.213	-13.607	-13.502	-11.875	-9.029	-5.500	-1.913	1.172	3.382
3431	34.30	4.587	4.896	4.601	4.093	3.763	3.923	4.741	6.211	8.162	10.305
3441	34.40	12.306	13.875	14.840	15.186	15.047	14.653	14.252	14.038	14.107	14.451
3451	34.50	15.001	15.673	16.419	17.245	18.204	19.363	20.756	22.345	24.004	25.518
3461	34.60	26.603	26.952	26.286	24.422	21.329	17.175	12.333	7.345	2.838	-0.602
3471	34.70	-2.552	-2.868	-1.730	0.374	2.740	4.595	5.266	4.322	1.697	-2.310
3481	34.80	-7.085	-11.843	-15.815	-18.427	-19.642	-18.998	-17.549	-15.718	-14.104	-13.123
3491	34.90	-12.911	-13.344	-14.145	-15.037	-15.878	-16.723	-17.803	-19.406	-21.752	-24.875

Table 7-6-8

TABLE OF CORRECTED ACCELERATION RECORD

NO. 8

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-28.581	-32.491	-36.129	-39.039	-40.875	-41.438	-40.667	-38.606	-35.362	-31.095
3511	35.10	-26.022	-20.436	-14.713	-9.287	-4.596	-0.994	1.319	2.357	2.340	1.645
3521	35.20	0.718	-0.036	-0.330	-0.035	0.830	2.159	3.834	5.775	7.965	10.420
3531	35.30	13.124	15.965	18.708	21.019	22.540	23.008	22.352	20.746	18.589	16.420
3541	35.40	14.793	14.152	14.743	16.578	19.453	22.999	26.745	30.189	32.858	34.378
3551	35.50	34.528	33.295	30.887	27.715	24.316	21.247	18.967	17.752	17.658	18.541
3561	35.60	20.112	22.011	23.863	25.308	26.021	25.719	24.195	21.359	17.281	12.223
3571	35.70	6.606	0.945	-4.265	-8.658	-12.070	-14.549	-16.296	-17.566	-18.554	-19.324
3581	35.80	-19.785	-19.754	-19.045	-17.584	-15.485	-13.070	-10.814	-9.236	-8.761	-9.607
3591	35.90	-11.721	-14.805	-18.395	-21.985	-25.150	-27.616	-29.275	-30.157	-30.366	-30.042
3601	36.00	-29.343	-28.464	-27.646	-27.161	-27.248	-28.008	-29.313	-30.760	-31.735	-31.560
3611	36.10	-29.707	-25.991	-20.672	-14.425	-8.178	-2.870	0.789	2.481	2.324	0.802
3621	36.20	-1.395	-3.549	-5.062	-5.551	-4.876	-3.121	-0.539	2.519	5.667	8.560
3631	36.30	10.939	12.668	13.739	14.248	14.359	14.252	14.084	13.966	13.952	14.040
3641	36.40	14.174	14.257	14.167	13.792	13.073	12.052	10.899	9.899	9.404	9.739
3651	36.50	11.118	13.577	16.962	20.967	25.215	29.334	33.022	36.072	38.361	39.834
3661	36.60	40.472	40.285	39.298	37.549	35.088	31.968	28.261	24.082	19.623	15.175
3671	36.70	11.120	7.860	5.718	4.811	4.976	5.765	6.540	6.639	5.550	3.053
3681	36.80	-0.740	-5.437	-10.497	-15.360	-19.560	-22.774	-24.814	-25.608	-25.186	-23.691
3691	36.90	-21.403	-18.747	-16.256	-14.481	-13.859	-14.607	-16.652	-19.665	-23.162	-26.647
3701	37.00	-29.749	-32.292	-34.282	-35.825	-37.017	-37.857	-38.226	-37.941	-36.855	-34.975
3711	37.10	-32.526	-29.935	-27.725	-26.356	-26.054	-26.703	-27.838	-28.755	-28.692	-27.045
3721	37.20	-23.530	-18.244	-11.616	-4.274	3.122	10.022	16.049	20.990	24.739	27.230
3731	37.30	28.409	28.254	26.833	24.366	21.245	18.006	15.237	13.465	13.052	14.127
3741	37.40	16.579	20.094	24.232	28.506	32.464	35.745	38.109	39.450	39.775	39.178
3751	37.50	37.789	35.748	33.174	30.176	26.871	23.413	20.013	16.934	14.461	12.857
3761	37.60	12.305	12.862	14.422	16.694	19.202	21.315	22.310	21.488	18.326	12.624
3771	37.70	4.612	-5.031	-15.288	-24.997	-33.093	-38.815	-41.813	-42.130	-40.096	-36.186
3781	37.80	-30.916	-24.809	-18.429	-12.410	-7.451	-4.227	-3.244	-4.691	-8.376	-13.766
3791	37.90	-20.128	-26.716	-32.901	-38.216	-42.306	-44.842	-45.481	-43.925	-40.071	-34.169
3801	38.00	-26.908	-19.328	-12.578	-7.581	-4.738	-3.902	-4.298	-4.999	-5.181	-4.409
3811	38.10	-2.715	-0.493	1.737	3.571	4.864	5.726	6.412	7.164	8.107	9.227
3821	38.20	10.427	11.603	12.698	13.686	14.530	15.133	15.348	15.038	14.179	12.934
3831	38.30	11.656	10.802	10.786	11.832	13.887	16.640	19.625	22.373	24.541	25.978
3841	38.40	26.708	26.859	26.572	25.931	24.930	23.488	21.489	18.831	15.471	11.469
3851	38.50	7.016	2.437	-1.835	-5.328	-7.632	-8.515	-7.991	-6.340	-4.029	-1.590
3861	38.60	0.536	2.103	3.092	3.655	4.002	4.284	4.524	4.622	4.419	3.791
3871	38.70	2.720	1.311	-0.241	-1.730	-3.004	-4.003	-4.759	-5.355	-5.884	-6.416
3881	38.80	-6.991	-7.626	-8.320	-9.050	-9.760	-10.352	-10.695	-10.665	-10.202	-9.366
3891	38.90	-8.354	-7.470	-7.042	-7.315	-8.359	-10.035	-12.026	-13.928	-15.369	-16.110
3901	39.00	-16.094	-15.430	-14.328	-13.008	-11.633	-10.266	-8.892	-7.460	-5.946	-4.403
3911	39.10	-2.982	-1.917	-1.475	-1.892	-3.292	-5.629	-8.654	-11.931	-14.897	-16.964
3921	39.20	-17.640	-16.638	-13.936	-9.785	-4.643	0.930	6.379	11.243	15.195	18.037
3931	39.30	19.671	20.073	19.286	17.439	14.773	11.667	8.506	5.808	3.926	3.062
3941	39.40	3.205	4.152	5.578	7.138	8.564	9.720	10.606	11.322	12.000	12.746
3951	39.50	13.594	14.496	15.336	15.972	16.283	16.226	15.860	15.356	14.959	14.905
3961	39.60	15.331	16.183	17.179	17.854	17.669	16.173	13.158	8.747	3.378	-2.302
3971	39.70	-7.603	-11.961	-15.036	-16.737	-17.168	-16.562	-15.110	-13.128	-10.856	-8.577
3981	39.80	-6.582	-5.124	-4.350	-4.242	-4.622	-5.209	-5.741	-6.082	-6.281	-6.546
3991	39.90	-7.132	-8.217	-9.807	-11.726	-13.695	-15.455	-16.868	-17.941	-18.762	-19.382

Table 7-6-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-19.704	-19.466	-18.314	-15.973	-12.416	-7.964	-3.258	0.900	3.776	4.922
4011	40.10	4.296	2.253	-0.577	-3.480	-5.826	-7.184	-7.352	-6.337	-4.298	-1.594
4021	40.20	1.701	4.924	7.775	9.923	11.175	11.524	11.159	10.406	9.630	9.119
4031	40.30	9.002	9.226	9.608	9.916	9.973	9.717	9.210	8.603	8.067	7.726
4041	40.40	7.622	7.712	7.891	8.038	8.049	7.858	7.447	6.837	6.082	5.270
4051	40.50	4.517	3.973	3.812	4.199	5.251	6.981	9.254	11.767	14.083	15.710
4061	40.60	16.225	15.393	13.246	10.095	6.439	2.817	-0.364	-2.952	-5.079	-7.073
4071	40.70	-9.298	-11.967	-15.025	-18.132	-20.773	-22.434	-22.789	-21.810	-19.764	-17.113
4081	40.80	-14.348	-11.840	-9.761	-8.089	-6.691	-5.425	-4.218	-3.091	-2.129	-1.424
4091	40.90	-1.028	-0.934	-1.104	-1.507	-2.158	-3.128	-4.518	-6.407	-8.800	-11.581
4101	41.00	-14.517	-17.278	-19.511	-20.909	-21.293	-20.669	-19.232	-17.326	-15.348	-13.624
4111	41.10	-12.298	-11.270	-10.217	-8.699	-6.324	-2.897	1.479	6.413	11.328	15.622
4121	41.20	18.827	20.705	21.253	20.648	19.169	17.031	14.546	11.947	9.496	7.461
4131	41.30	6.071	5.438	5.504	6.041	6.727	7.266	7.511	7.526	7.552	7.894
4141	41.40	8.976	10.227	12.057	13.916	15.414	16.248	16.271	15.506	14.106	12.304
4151	41.50	10.380	8.653	7.467	7.147	7.909	9.747	12.366	15.082	17.145	17.748
4161	41.60	16.372	12.925	7.767	1.584	-4.841	-10.849	-16.031	-20.220	-23.369	-25.400
4171	41.70	-26.117	-25.240	-22.543	-18.025	-12.030	-5.227	1.529	7.424	11.883	14.674
4181	41.80	15.874	15.741	14.554	12.511	9.724	6.291	2.396	-1.633	-5.352	-8.307
4191	41.90	-10.172	-10.860	-10.542	-9.590	-8.439	-7.465	-6.884	-6.734	-6.919	-7.277
4201	42.00	-7.657	-7.964	-8.167	-8.290	-8.375	-8.450	-8.501	-8.451	-8.159	-7.444
4211	42.10	-6.161	-4.178	-1.645	1.163	3.771	5.620	6.216	5.291	2.919	-0.452
4221	42.20	-4.076	-7.073	-8.636	-8.229	-5.724	-1.452	3.843	9.145	13.360	15.542
4231	42.30	15.105	11.983	6.679	0.196	-6.174	-11.140	-13.725	-13.513	-10.744	-6.244
4241	42.40	-1.184	3.233	6.074	6.880	5.722	3.105	-0.213	-3.429	-5.869	-7.084
4251	42.50	-6.878	-5.295	-2.579	0.864	4.512	7.788	10.149	11.188	10.735	8.905
4261	42.60	6.081	2.811	-0.339	-2.938	-4.798	-5.994	-6.783	-7.476	-8.289	-9.241
4271	42.70	-10.137	-10.633	-10.364	-9.080	-6.740	-3.544	0.106	3.705	6.752	8.847
4281	42.80	9.750	9.403	7.929	5.601	2.814	0.032	-2.269	-3.681	-3.946	-3.012
4291	42.90	-1.061	1.531	4.279	6.705	8.450	9.339	9.388	8.756	7.662	6.301
4301	43.00	4.798	3.198	1.502	-0.287	-2.122	-3.893	-5.438	-6.575	-7.148	-7.058
4311	43.10	-6.288	-4.910	-3.069	-0.955	1.237	3.346	5.275	6.994	8.517	9.850
4321	43.20	10.944	11.654	11.762	11.029	9.297	6.581	3.118	-0.643	-4.137	-6.818
4331	43.30	-8.298	-8.443	-7.399	-5.543	-3.372	-1.390	0.003	0.577	0.294	-0.706
4341	43.40	-2.144	-3.673	-4.946	-5.698	-5.806	-5.324	-4.466	-3.542	-2.864	-2.647
4351	43.50	-2.937	-3.611	-4.415	-5.063	-5.323	-5.087	-4.381	-3.336	-2.128	-0.921
4361	43.60	0.171	1.087	1.805	2.312	2.584	2.578	2.240	1.530	0.448	-0.932
4371	43.70	-2.441	-3.809	-4.700	-4.779	-3.813	-1.761	1.151	4.448	7.490	9.631
4381	43.80	10.399	9.630	7.519	4.563	1.410	-1.310	-3.138	-3.863	-3.505	-2.253
4391	43.90	-0.372	1.870	4.233	6.503	8.492	10.030	10.989	11.312	11.026	10.237
4401	44.00	9.091	7.734	6.277	4.789	3.326	1.963	0.820	0.049	-0.210	0.109
4411	44.10	0.944	2.096	3.270	4.154	4.513	4.261	3.489	2.433	1.401	0.675
4421	44.20	0.422	0.643	1.167	1.694	1.878	1.425	0.172	-1.865	-4.499	-7.427
4431	44.30	-10.316	-12.900	-15.018	-16.641	-17.828	-18.662	-19.186	-19.375	-19.149	-18.414
4441	44.40	-17.121	-15.311	-13.128	-10.799	-8.594	-6.772	-5.545	-5.033	-5.243	-6.044
4451	44.50	-7.163	-8.212	-8.748	-8.379	-6.891	-4.346	-1.134	2.089	4.545	5.542
4461	44.60	4.681	1.995	-2.027	-6.551	-10.594	-13.272	-14.001	-12.625	-9.410	-4.949
4471	44.70	0.020	4.807	8.924	12.168	14.611	16.509	18.162	19.776	21.379	22.803
4481	44.80	23.754	23.926	23.132	21.385	18.917	16.118	13.434	11.251	9.810	9.179
4491	44.90	9.268	9.879	10.755	11.624	12.228	12.352	11.852	10.700	9.004	7.020

Table 7-6-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	5.097	3.606	2.832	2.899	3.736	5.108	6.691	8.168	9.303	9.977
4511	45.10	10.177	9.959	9.412	8.626	7.685	6.663	5.618	4.567	3.474	2.233
4521	45.20	0.698	-1.270	-3.732	-6.623	-9.735	-12.761	-15.373	-17.319	-18.493	-18.962
4531	45.30	-18.928	-18.661	-18.415	-18.355	-18.522	-18.832	-19.109	-19.136	-18.720	-17.750
4541	45.40	-16.249	-14.391	-12.492	-10.938	-10.093	-10.183	-11.207	-12.913	-14.841	-16.444
4551	45.50	-17.240	-16.941	-15.531	-13.256	-10.541	-7.868	-5.656	-4.179	-3.539	-3.681
4561	45.60	-4.429	-5.535	-6.704	-7.636	-8.051	-7.741	-6.624	-4.775	-2.442	0.006
4571	45.70	2.166	3.711	4.488	4.568	4.225	3.851	3.828	4.411	5.648	7.373
4581	45.80	9.263	10.947	12.125	12.660	12.617	12.235	11.852	11.809	12.350	13.566
4591	45.90	15.376	17.552	19.774	21.694	23.001	23.465	22.973	21.549	19.355	16.674
4601	46.00	13.869	11.319	9.342	8.123	7.668	7.807	8.242	8.635	8.697	8.258
4611	46.10	7.290	5.879	4.168	2.298	0.374	-1.542	-3.403	-5.147	-6.685	-7.919
4621	46.20	-8.776	-9.251	-9.416	-9.401	-9.339	-9.306	-9.288	-9.185	-8.868	-8.251
4631	46.30	-7.348	-6.300	-5.338	-4.709	-4.600	-5.077	-6.079	-7.448	-9.004	-10.600
4641	46.40	-12.160	-13.673	-15.159	-16.622	-18.006	-19.187	-19.989	-20.217	-19.711	-18.386
4651	46.50	-16.253	-13.452	-10.219	-6.868	-3.732	-1.108	0.806	1.954	2.429	2.443
4661	46.60	2.266	2.147	2.252	2.628	3.205	3.838	4.365	4.658	4.658	4.390
4671	46.70	3.951	3.490	3.189	3.231	3.779	4.940	6.729	9.043	11.658	14.253
4681	46.80	16.476	18.020	18.703	18.515	17.620	16.316	14.956	13.868	13.285	13.305
4691	46.90	13.889	14.881	16.049	17.129	17.869	18.069	17.615	16.496	14.807	12.732
4701	47.00	10.502	8.348	6.467	4.990	3.991	3.502	3.528	4.053	5.019	6.297
4711	47.10	7.659	8.788	9.319	8.930	7.431	4.841	1.398	-2.496	-6.377	-9.847
4721	47.20	-12.661	-14.765	-16.255	-17.302	-18.061	-18.613	-18.966	-19.091	-18.988	-18.724
4731	47.30	-18.444	-18.322	-18.501	-19.042	-19.904	-20.974	-22.130	-23.288	-24.422	-25.538
4741	47.40	-26.605	-27.492	-27.946	-27.633	-26.239	-23.601	-19.804	-15.213	-10.408	-6.049
4751	47.50	-2.712	-0.745	-0.203	-0.858	-2.284	-3.967	-5.609	-6.204	-6.078	-4.902
4761	47.60	-2.707	0.315	3.821	7.358	10.434	12.635	13.721	13.698	12.813	11.472
4771	47.70	10.109	9.057	8.463	8.293	8.398	8.633	8.943	9.405	10.185	11.450
4781	47.80	13.271	15.571	18.135	20.678	22.939	24.755	26.084	26.975	27.507	27.730
4791	47.90	27.639	27.186	26.318	25.018	23.330	21.348	19.192	16.986	14.847	12.886
4801	48.00	11.220	9.955	9.154	8.791	8.709	8.622	8.171	7.026	4.989	2.082
4811	48.10	-1.450	-5.202	-8.718	-11.611	-13.646	-14.755	-15.002	-14.527	-13.499	-12.109
4821	48.20	-10.587	-9.224	-8.368	-8.365	-9.458	-11.689	-14.840	-18.449	-21.914	-24.641
4831	48.30	-26.198	-26.415	-25.402	-23.491	-21.125	-18.754	-16.738	-15.317	-14.599	-14.572
4841	48.40	-15.127	-16.067	-17.129	-18.028	-18.505	-18.394	-17.659	-16.411	-14.861	-13.250
4851	48.50	-11.770	-10.501	-9.408	-8.370	-7.247	-5.941	-4.437	-2.795	-1.126	0.447
4861	48.60	1.823	2.925	3.704	4.124	4.172	3.873	3.310	2.633	2.042	1.747
4871	48.70	1.914	2.620	3.836	5.445	7.290	9.215	11.106	12.892	14.525	15.959
4881	48.80	17.125	17.940	18.339	18.304	17.892	17.236	16.518	15.925	15.608	15.648
4891	48.90	16.058	16.787	17.746	18.826	19.898	20.824	21.451	21.631	21.239	20.210
4901	49.00	18.569	16.444	14.060	11.702	9.666	8.194	7.430	7.381	7.919	8.797
4911	49.10	9.702	10.313	10.359	9.673	8.216	6.073	3.435	0.553	-2.305	-4.901
4921	49.20	-7.049	-8.642	-9.657	-10.167	-10.336	-10.414	-10.706	-11.524	-13.114	-15.588
4931	49.30	-18.864	-22.657	-26.510	-29.887	-32.291	-33.382	-33.056	-31.465	-28.975	-26.070
4941	49.40	-23.239	-20.872	-19.195	-18.263	-17.983	-18.170	-18.605	-19.077	-19.410	-19.470
4951	49.50	-19.166	-18.453	-17.329	-15.842	-14.081	-12.166	-10.224	-8.365	-6.677	-5.218
4961	49.60	-4.035	-3.163	-2.647	-2.502	-2.689	-3.079	-3.443	-3.473	-2.849	-1.331
4971	49.70	1.161	4.496	8.368	12.273	15.819	18.638	20.554	21.582	21.873	21.643
4981	49.80	21.088	20.342	19.472	18.507	17.480	16.461	15.561	14.911	14.623	14.758
4991	49.90	15.313	16.213	17.333	18.507	19.554	20.289	20.546	20.213	19.257	17.755

Table 7-6-11

TABLE OF CORRECTED ACCELERATION RECORD

NO.11

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	15.896	13.956	12.247	11.040	10.511	10.696	11.486	12.659	13.930	15.004
5011	50.10	15.630	15.632	14.937	13.582	11.714	9.563	7.409	5.514	4.071	3.149
5021	50.20	2.685	2.505	2.385	2.118	1.569	0.692	-0.483	-1.894	-3.485	-5.225
5031	50.30	-7.100	-9.083	-11.107	-13.054	-14.775	-16.127	-17.017	-17.425	-17.403	-17.066
5041	50.40	-16.462	-15.746	-14.974	-14.215	-13.533	-12.990	-12.623	-12.421	-12.313	-12.180
5051	50.50	-11.899	-11.388	-10.648	-9.763	-8.856	-8.028	-7.307	-6.628	-5.876	-4.962
5061	50.60	-3.890	-2.800	-1.910	-1.529	-1.751	-2.575	-3.795	-5.085	-6.114	-6.658
5071	50.70	-6.658	-6.216	-5.517	-4.736	-3.967	-3.208	-2.400	-1.501	-0.540	0.370
5081	50.80	1.077	1.460	1.497	1.301	1.093	1.138	1.664	2.794	4.527	6.737
5091	50.90	9.212	11.684	13.866	15.479	16.278	16.099	14.902	12.803	10.078	7.112
5101	51.00	4.321	2.046	0.473	-0.388	-0.677	-0.594	-0.315	0.061	0.615	1.369
5111	51.10	2.401	3.675	5.024	6.171	6.798	6.641	5.573	3.644	1.082	-1.768
5121	51.20	-4.522	-6.838	-8.485	-9.367	-9.525	-9.102	-8.301	-7.336	-6.403	-5.655
5131	51.30	-5.194	-5.076	-5.304	-5.835	-6.571	-7.373	-8.092	-8.586	-8.788	-8.722
5141	51.40	-8.509	-8.331	-8.360	-8.684	-9.257	-9.894	-10.329	-10.308	-9.688	-8.495
5151	51.50	-6.926	-5.285	-3.884	-2.968	-2.551	-2.618	-2.968	-3.371	-3.616	-3.538
5161	51.60	-3.027	-2.029	-0.544	1.364	3.558	5.831	7.937	9.647	10.821	11.450
5171	51.70	11.663	11.682	11.733	11.971	12.423	12.988	13.493	13.765	13.701	13.300
5181	51.80	12.648	11.882	11.130	10.475	9.941	9.502	9.103	8.682	8.160	7.554
5191	51.90	6.783	5.876	4.881	3.881	2.975	2.242	1.706	1.311	0.930	0.399
5201	52.00	-0.428	-1.618	-3.141	-4.872	-6.633	-8.257	-9.626	-10.698	-11.502	-12.102
5211	52.10	-12.572	-12.965	-13.309	-13.606	-13.841	-13.981	-13.974	-13.752	-13.236	-12.361
5221	52.20	-11.095	-9.472	-7.598	-5.641	-3.803	-2.274	-1.199	-0.638	-0.562	-0.857
5231	52.30	-1.349	-1.845	-2.176	-2.242	-2.040	-1.669	-1.300	-1.125	-1.283	-1.810
5241	52.40	-2.607	-3.463	-4.118	-4.339	-3.989	-3.052	-1.616	0.174	2.175	4.281
5251	52.50	6.413	8.497	10.420	12.020	13.113	13.549	13.280	12.398	11.129	9.768
5261	52.60	8.599	7.811	7.466	7.511	7.829	8.306	8.863	9.460	10.058	10.585
5271	52.70	10.923	10.931	10.512	9.666	8.532	7.359	6.434	5.977	6.058	6.571
5281	52.80	7.264	7.840	8.051	7.785	7.083	6.097	5.024	4.021	3.171	2.478
5291	52.90	1.907	1.429	1.048	0.795	0.696	0.725	0.783	0.702	0.286	-0.627
5301	53.00	-2.106	-4.103	-6.445	-8.875	-11.101	-12.842	-13.879	-14.082	-13.431	-12.024
5311	53.10	-10.074	-7.887	-5.810	-4.174	-3.225	-3.068	-3.655	-4.803	-6.258	-7.763
5321	53.20	-9.118	-10.208	-10.997	-11.496	-11.726	-11.694	-11.401	-10.853	-10.088	-9.187
5331	53.30	-8.264	-7.445	-6.840	-6.524	-6.527	-6.837	-7.396	-8.095	-8.772	-9.215
5341	53.40	-9.189	-8.487	-6.996	-4.754	-1.959	1.059	3.930	6.335	8.096	9.201
5351	53.50	9.783	10.067	10.197	10.380	10.681	11.140	11.780	12.617	13.633	14.740
5361	53.60	15.751	16.403	16.620	15.623	14.017	11.829	9.463	7.376	5.938	5.321
5371	53.70	5.465	6.133	7.023	7.883	8.583	9.109	9.501	9.776	9.879	9.694
5381	53.80	9.106	8.073	6.674	5.098	3.573	2.274	1.254	0.435	-0.343	-1.232
5391	53.90	-2.296	-3.472	-4.601	-5.503	-6.061	-6.275	-6.268	-6.232	-6.355	-6.757
5401	54.00	-7.461	-8.403	-9.469	-10.533	-11.486	-12.235	-12.702	-12.817	-12.531	-11.844
5411	54.10	-10.828	-9.636	-8.483	-7.596	-7.160	-7.263	-7.875	-8.850	-9.966	-10.973
5421	54.20	-11.636	-11.772	-11.272	-10.113	-8.361	-6.169	-3.761	-1.406	0.632	2.136
5431	54.30	2.982	3.163	2.777	2.002	1.053	0.139	-0.563	-0.916	-0.828	-0.254
5441	54.40	0.792	2.225	3.873	5.489	6.784	7.497	7.463	6.679	5.315	3.690
5451	54.50	2.183	1.132	0.739	1.017	1.799	2.802	3.724	4.336	4.546	4.406
5461	54.60	4.068	3.715	3.486	3.426	3.483	3.538	3.452	3.124	2.511	1.635
5471	54.70	0.557	-0.649	-1.919	-3.193	-4.408	-5.479	-6.288	-6.705	-6.615	-5.957
5481	54.80	-4.755	-3.125	-1.249	0.654	2.377	3.755	4.674	5.073	4.936	4.288
5491	54.90	3.200	1.804	0.286	-1.128	-2.213	-2.801	-2.829	-2.361	-1.573	-0.708

Table 7-6-12

TABLE OF CORRECTED ACCELERATION RECORD

NO.12

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.000	0.386	0.395	0.083	-0.412	-0.923	-1.297	-1.437	-1.310	-0.954
5511	55.10	-0.455	0.063	0.467	0.642	0.512	0.071	-0.612	-1.401	-2.124	-2.621
5521	55.20	-2.793	-2.630	-2.210	-1.667	-1.144	-0.741	-0.488	-0.348	-0.249	-0.122
5531	55.30	0.058	0.259	0.402	0.390	0.151	-0.335	-1.013	-1.763	-2.418	-2.798
5541	55.40	-2.759	-2.222	-1.209	0.153	1.649	3.019	4.016	4.468	4.316	3.636
5551	55.50	2.606	1.462	0.442	-0.268	-0.553	-0.379	0.225	1.181	2.377	3.671
5561	55.60	4.909	5.935	6.627	6.922	6.839	6.473	5.957	5.415	4.914	4.445
5571	55.70	3.938	3.320	2.565	1.739	0.992	0.510	0.439	0.813	1.516	2.306
5581	55.80	2.878	2.957	2.376	1.123	-0.657	-2.709	-4.728	-6.422	-7.562	-8.018
5591	55.90	-7.766	-6.891	-5.572	-4.053	-2.595	-1.428	-0.698	-0.440	-0.576	-0.956
5601	56.00	-1.409	-1.800	-2.070	-2.231	-2.336	-2.433	-2.524	-2.556	-2.438	-2.087
5611	56.10	-1.473	-0.640	0.293	1.176	1.876	2.316	2.500	2.494	2.400	2.312
5621	56.20	2.291	2.362	2.529	2.799	3.204	3.794	4.616	5.681	6.930	8.230
5631	56.30	9.396	10.242	10.640	10.568	10.122	9.490	8.889	8.499	8.400	8.561
5641	56.40	8.857	9.128	9.239	9.125	8.804	8.367	7.836	7.317	6.781	6.164
5651	56.50	5.381	4.363	3.077	1.536	-0.220	-2.136	-4.158	-6.225	-8.255	-10.129
5661	56.60	-11.692	-12.780	-13.269	-13.121	-12.416	-11.350	-10.189	-9.205	-8.604	-8.482
5671	56.70	-8.811	-9.465	-10.274	-11.078	-11.764	-12.287	-12.655	-12.911	-13.097	-13.233
5681	56.80	-13.312	-13.294	-13.127	-12.765	-12.187	-11.410	-10.490	-9.531	-8.560	-7.696
5691	56.90	-6.930	-6.215	-5.457	-4.548	-3.402	-1.988	-0.339	1.455	3.277	5.018
5701	57.00	6.601	7.992	9.188	10.193	11.007	11.609	11.970	12.071	11.920	11.564
5711	57.10	11.091	10.610	10.238	10.071	10.170	10.550	11.176	11.966	12.806	13.568
5721	57.20	14.133	14.418	14.387	14.058	13.481	12.713	11.794	10.729	9.499	8.089
5731	57.30	6.512	4.837	3.180	1.674	0.422	-0.542	-1.270	-1.877	-2.497	-3.227
5741	57.40	-4.088	-5.019	-5.909	-6.643	-7.150	-7.427	-7.527	-7.532	-7.513	-7.516
5751	57.50	-7.559	-7.659	-7.856	-8.223	-8.855	-9.831	-11.176	-12.832	-14.659	-16.466
5761	57.60	-18.050	-19.245	-19.938	-20.080	-19.671	-18.744	-17.369	-15.651	-13.744	-11.843
5771	57.70	-10.170	-8.925	-8.237	-8.127	-8.492	-9.125	-9.768	-10.174	-10.159	-9.636
5781	57.80	-8.626	-7.235	-5.630	-4.001	-2.527	-1.351	-0.550	-0.123	0.013	0.004
5791	57.90	0.023	0.223	0.697	1.650	2.415	3.479	4.544	5.563	6.566	7.639
5801	58.00	8.885	10.373	12.097	13.965	15.820	17.487	18.811	19.696	20.111	20.081
5811	58.10	19.674	18.982	18.117	17.217	16.434	15.927	15.823	16.179	16.945	17.951
5821	58.20	18.933	19.589	19.664	19.020	17.688	15.865	13.860	12.017	10.614	9.797
5831	58.30	9.548	9.705	10.023	10.251	10.197	9.770	8.975	7.887	6.607	5.222
5841	58.40	3.787	2.324	0.840	-0.660	-2.160	-3.635	-5.063	-6.416	-7.667	-8.775
5851	58.50	-9.681	-10.310	-10.606	-10.558	-10.237	-9.806	-9.488	-9.511	-10.037	-11.106
5861	58.60	-12.619	-14.373	-16.121	-17.652	-18.838	-19.644	-20.094	-20.222	-20.031	-19.482
5871	58.70	-18.527	-17.152	-15.427	-13.514	-11.640	-10.039	-8.885	-8.251	-8.097	-8.303
5881	58.80	-8.709	-9.159	-9.521	-9.688	-9.571	-9.095	-8.212	-6.928	-5.328	-3.579
5891	58.90	-1.917	-0.585	0.220	0.407	0.018	-0.777	-1.720	-2.512	-2.875	-2.600
5901	59.00	-1.573	0.197	2.581	5.350	8.201	10.820	12.933	14.364	15.059	15.088
5911	59.10	14.603	13.785	12.793	11.730	10.639	9.529	8.407	7.301	6.275	5.410
5921	59.20	4.782	4.434	4.368	4.536	4.856	5.225	5.530	5.669	5.561	5.169
5931	59.30	4.513	3.677	2.796	2.029	1.512	1.325	1.466	1.858	2.380	2.906
5941	59.40	3.333	3.592	3.632	3.402	2.835	1.862	0.448	-1.365	-3.429	-5.496
5951	59.50	-7.271	-8.483	-8.965	-8.694	-7.794	-6.487	-5.026	-3.632	-2.456	-1.576
5961	59.60	-1.015	-0.769	-0.817	-1.116	-1.595	-2.143	-2.627	-2.921	-2.948	-2.704
5971	59.70	-2.254	-1.709	-1.171	-0.703	-0.308	0.054	0.425	0.813	1.172	1.419
5981	59.80	1.471	1.294	0.924	0.463	0.043	-0.228	-0.307	-0.228	-0.080	0.037
5991	59.90	0.056	-0.028	-0.171	-0.299	-0.352	-0.297	-0.131	0.142	0.532	1.078

Table 7-6-13

TABLE OF CORRECTED ACCELERATION RECORD

NO.13

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	1.828	2.806	3.972	5.206	6.322	7.118	7.443	7.253	6.635	5.778
6011	60.10	4.919	4.258	3.907	3.860	4.011	4.208	4.304	4.205	3.884	3.373
6021	60.20	2.739	2.055	1.385	0.779	0.271	-0.115	-0.370	-0.506	-0.553	-0.556
6031	60.30	-0.557	-0.575	-0.593	-0.564	-0.432	-0.162	0.231	0.675	1.048	1.220
6041	60.40	1.090	0.618	-0.158	-1.146	-2.221	-3.267	-4.196	-4.957	-5.529	-5.911
6051	60.50	-6.106	-6.128	-6.001	-5.770	-5.491	-5.221	-4.995	-4.809	-4.615	-4.337
6061	60.60	-3.898	-3.258	-2.438	-1.527	-0.658	0.027	0.424	0.497	0.291	-0.084
6071	60.70	-0.490	-0.806	-0.954	-0.923	-0.753	-0.516	-0.279	-0.082	0.077	0.231
6081	60.80	0.422	0.682	1.010	1.372	1.713	1.981	2.152	2.242	2.303	2.408
6091	60.90	2.617	2.950	3.373	3.789	4.065	4.059	3.660	2.819	1.570	0.034
6101	61.00	-1.604	-3.127	-4.329	-5.069	-5.299	-5.076	-4.553	-3.928	-3.394	-3.081
6111	61.10	-3.023	-3.158	-3.364	-3.511	-3.523	-3.411	-3.264	-3.215	-3.373	-3.766
6121	61.20	-4.311	-4.838	-5.139	-5.068	-4.508	-3.595	-2.496	-1.443	-0.637	-0.179
6131	61.30	-0.054	-0.154	-0.343	-0.528	-0.704	-0.950	-1.385	-2.095	-3.069	-4.172
6141	61.40	-5.173	-5.816	-5.911	-5.398	-4.372	-3.048	-1.683	-0.500	0.376	0.923
6151	61.50	1.196	1.268	1.187	0.958	0.567	0.020	-0.608	-1.173	-1.485	-1.373
6161	61.60	-0.752	0.340	1.737	3.194	4.460	5.341	5.750	5.707	5.317	4.727
6171	61.70	4.092	3.554	3.228	3.202	3.530	4.211	5.183	6.316	7.434	8.357
6181	61.80	8.943	9.131	8.947	8.489	7.880	7.228	6.598	6.012	5.469	4.978
6191	61.90	4.573	4.307	4.228	4.340	4.585	4.840	4.955	4.796	4.299	3.490
6201	62.00	2.484	1.451	0.564	-0.043	-0.304	-0.229	0.109	0.598	1.110	1.519
6211	62.10	1.716	1.625	1.208	0.480	-0.488	-1.577	-2.644	-3.555	-4.220	-4.619
6221	62.20	-4.807	-4.897	-5.013	-5.249	-5.618	-6.043	-6.370	-6.410	-6.003	-5.081
6231	62.30	-3.694	-2.020	-0.321	1.120	2.062	2.365	2.006	1.070	-0.292	-1.905
6241	62.40	-3.604	-5.253	-6.738	-7.955	-8.806	-9.208	-9.112	-8.537	-7.585	-6.433
6251	62.50	-5.299	-4.381	-3.804	-3.577	-3.607	-3.708	-3.687	-3.395	-2.772	-1.856
6261	62.60	-0.760	0.375	1.428	2.323	3.031	3.557	3.912	4.089	4.068	3.630
6271	62.70	3.379	2.759	2.053	1.362	0.770	0.319	-0.003	-0.237	-0.426	-0.574
6281	62.80	-0.628	-0.493	-0.070	0.690	1.742	2.944	4.085	4.951	5.393	5.376
6291	62.90	4.982	4.376	3.742	3.225	2.895	2.753	2.761	2.892	3.154	3.587
6301	63.00	4.235	5.096	6.091	7.064	7.809	8.137	7.928	7.170	5.960	4.467
6311	63.10	2.882	1.375	0.068	-0.963	-1.670	-2.020	-1.987	-1.565	-0.792	0.236
6321	63.20	1.362	2.394	3.146	3.483	3.352	2.792	1.914	0.874	-0.170	-1.085
6331	63.30	-1.776	-2.193	-2.323	-2.192	-1.856	-1.405	-0.955	-0.628	-0.537	-0.755
6341	63.40	-1.297	-2.117	-3.117	-4.173	-5.164	-6.000	-6.632	-7.051	-7.280	-7.349
6351	63.50	-7.287	-7.109	-6.825	-6.439	-5.960	-5.411	-4.828	-4.261	-3.767	-3.404
6361	63.60	-3.220	-3.237	-3.438	-3.755	-4.073	-4.239	-4.095	-3.525	-2.492	-1.065
6371	63.70	0.575	2.179	3.479	4.266	4.443	4.053	3.260	2.305	1.424	0.788
6381	63.80	0.459	0.388	0.448	0.497	0.429	0.220	-0.073	-0.332	-0.429	-0.271
6391	63.90	0.161	0.804	1.535	2.204	2.680	2.885	2.810	2.511	2.084	1.643
6401	64.00	1.285	1.075	1.041	1.180	1.469	1.873	2.356	2.870	3.359	3.748
6411	64.10	3.953	3.891	3.500	2.764	1.730	0.508	-0.741	-1.836	-2.613	-2.964
6421	64.20	-2.860	-2.360	-1.597	-0.746	0.009	0.519	0.699	0.543	0.121	-0.441
6431	64.30	-0.992	-1.391	-1.543	-1.418	-1.054	-0.548	-0.026	0.385	0.589	0.534
6441	64.40	0.215	-0.330	-1.039	-1.836	-2.645	-3.388	-3.996	-4.410	-4.592	-4.537
6451	64.50	-4.280	-3.893	-3.470	-3.099	-2.839	-2.698	-2.633	-2.571	-2.435	-2.179
6461	64.60	-1.798	-1.332	-0.843	-0.396	-0.036	0.216	0.357	0.386	0.295	0.070
6471	64.70	-0.293	-0.768	-1.289	-1.750	-2.033	-2.038	-1.713	-1.076	-0.207	0.780
6481	64.80	1.764	2.649	3.377	3.929	4.313	4.555	4.690	4.761	4.817	4.905
6491	64.90	5.060	5.291	5.573	5.852	6.065	6.163	6.137	6.020	5.878	5.778

Table 7-6-14

TABLE OF CORRECTED ACCELERATION RECORD

NO.14

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	5.760	5.818	5.896	5.917	5.806	5.522	5.071	4.505	3.905	3.360
6511	65.10	2.944	2.706	2.657	2.763	2.967	3.093	3.068	2.755	2.092	1.095
6521	65.20	-0.127	-1.408	-2.568	-3.474	-4.085	-4.453	-4.700	-4.962	-5.332	-5.834
6531	65.30	-6.428	-7.041	-7.612	-8.116	-8.569	-8.992	-9.388	-9.716	-9.904	-9.884
6541	65.40	-9.635	-9.202	-8.686	-8.208	-7.849	-7.617	-7.441	-7.208	-6.819	-6.229
6551	65.50	-5.473	-4.637	-3.816	-3.070	-2.405	-1.780	-1.149	-0.493	0.162	0.764
6561	65.60	1.269	1.677	2.042	2.451	2.973	3.621	4.331	4.982	5.454	5.684
6571	65.70	5.700	5.615	5.581	5.725	6.097	6.661	7.317	7.957	8.507	8.949
6581	65.80	9.307	9.607	9.840	9.946	9.835	9.428	8.699	7.707	6.575	5.463
6591	65.90	4.506	3.788	3.322	3.069	2.972	2.979	3.053	3.164	3.271	3.303
6601	66.00	3.171	2.787	2.100	1.125	-0.054	-1.294	-2.434	-3.336	-3.915	-4.154
6611	66.10	-4.104	-3.861	-3.546	-3.285	-3.190	-3.341	-3.774	-4.469	-5.350	-6.291
6621	66.20	-7.147	-7.786	-8.123	-8.144	-7.901	-7.495	-7.043	-6.642	-6.351	-6.184
6631	66.30	-6.121	-6.125	-6.159	-6.192	-6.196	-6.145	-6.015	-5.783	-5.443	-5.004
6641	66.40	-4.492	-3.935	-3.346	-2.716	-2.011	-1.195	-0.253	0.780	1.811	2.706
6651	66.50	3.326	3.580	3.441	2.983	2.346	1.692	1.176	0.882	0.824	0.955
6661	66.60	1.191	1.452	1.680	1.854	1.976	2.063	2.132	2.194	2.257	2.330
6671	66.70	2.425	2.556	2.736	2.969	3.257	3.595	3.981	4.416	4.897	5.411
6681	66.80	5.918	6.357	6.645	6.703	6.477	5.960	5.204	4.305	3.390	2.589
6691	66.90	2.005	1.703	1.704	1.979	2.461	3.047	3.610	4.011	4.128	3.877
6701	67.00	3.235	2.257	1.060	-0.198	-1.364	-2.322	-3.022	-3.479	-3.750	-3.906
6711	67.10	-3.997	-4.037	-4.005	-3.867	-3.593	-3.180	-2.653	-2.055	-1.436	-0.832
6721	67.20	-0.264	0.257	0.720	1.105	1.382	1.518	1.489	1.296	0.963	0.529
6731	67.30	0.035	-0.492	-1.049	-1.647	-2.295	-2.981	-3.664	-4.270	-4.721	-4.957
6741	67.40	-4.967	-4.792	-4.512	-4.219	-3.973	-3.785	-3.608	-3.369	-3.005	-2.507
6751	67.50	-1.933	-1.402	-1.053	-0.991	-1.245	-1.753	-2.386	-2.986	-3.424	-3.638
6761	67.60	-3.643	-3.510	-3.329	-3.174	-3.080	-3.040	-3.021	-2.984	-2.896	-2.729
6771	67.70	-2.460	-2.066	-1.530	-0.853	-0.078	0.716	1.421	1.937	2.203	2.225
6781	67.80	2.068	1.833	1.605	1.425	1.277	1.113	0.898	0.650	0.456	0.449
6791	67.90	0.755	1.424	2.398	3.509	4.530	5.252	5.557	5.454	5.069	4.595
6801	68.00	4.223	4.090	4.244	4.658	5.256	5.947	6.645	7.277	7.776	8.079
6811	68.10	8.162	7.951	7.538	6.987	6.407	5.901	5.523	5.255	5.014	4.685
6821	68.20	4.173	3.441	2.535	1.568	0.684	0.008	-0.391	-0.518	-0.441	-0.272
6831	68.30	-0.132	-0.133	-0.353	-0.839	-1.596	-2.587	-3.729	-4.905	-5.969	-6.776
6841	68.40	-7.210	-7.210	-6.786	-6.015	-5.024	-3.965	-2.987	-2.213	-1.732	-1.596
6851	68.50	-1.817	-2.371	-3.197	-4.195	-5.238	-6.184	-6.896	-7.272	-7.259	-6.870
6861	68.60	-6.177	-5.298	-4.370	-3.524	-2.861	-2.439	-2.268	-2.315	-2.517	-2.790
6871	68.70	-3.047	-3.211	-3.227	-3.074	-2.770	-2.368	-1.946	-1.585	-1.344	-1.237
6881	68.80	-1.224	-1.217	-1.113	-0.821	-0.309	0.386	1.156	1.859	2.358	2.572
6891	68.90	2.502	2.230	1.893	1.635	1.565	1.721	2.067	2.504	2.909	3.166
6901	69.00	3.199	2.980	2.538	1.940	1.278	0.650	0.137	-0.211	-0.382	-0.403
6911	69.10	-0.331	-0.235	-0.170	-0.165	-0.212	-0.279	-0.321	-0.309	-0.236	-0.122
6921	69.20	0.000	0.103	0.180	0.254	0.362	0.541	0.805	1.132	1.465	1.725
6931	69.30	1.837	1.752	1.466	1.026	0.524	0.078	-0.192	-0.189	0.134	0.765
6941	69.40	1.631	2.615	3.586	4.427	5.061	5.455	5.612	5.555	5.301	4.863
6951	69.50	4.251	3.500	2.681	1.906	1.304	0.980	0.971	1.226	1.613	1.965
6961	69.60	2.134	2.048	1.729	1.278	0.822	0.463	0.239	0.120	0.039	-0.064
6971	69.70	-0.207	-0.358	-0.454	-0.444	-0.317	-0.114	0.095	0.244	0.313	0.334
6981	69.80	0.378	0.509	0.742	1.019	1.221	1.204	0.858	0.155	-0.835	-1.960
6991	69.90	-3.024	-3.847	-4.304	-4.353	-4.034	-3.447	-2.730	-2.022	-1.445	-1.079

Table 7-6-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.959	-1.066	-1.340	-1.697	-2.047	-2.321	-2.478	-2.513	-2.445	-2.303
7011	70.10	-2.116	-1.911	-1.716	-1.565	-1.502	-1.574	-1.813	-2.217	-2.742	-3.311
7021	70.20	-3.830	-4.217	-4.423	-4.437	-4.273	-3.949	-3.469	-2.819	-1.984	-0.974
7031	70.30	0.147	1.262	2.219	2.874	3.164	3.036	2.651	2.154	1.717	1.467
7041	70.40	1.445	1.607	1.848	2.047	2.112	2.006	1.746	1.387	0.992	0.611
7051	70.50	0.268	-0.029	-0.283	-0.486	-0.622	-0.668	-0.604	-0.425	-0.150	0.189
7061	70.60	0.549	0.895	1.207	1.487	1.752	2.024	2.317	2.628	2.925	3.152
7071	70.70	3.239	3.115	2.733	2.087	1.225	0.248	-0.707	-1.492	-1.992	-2.146
7081	70.80	-1.969	-1.546	-1.000	-0.461	-0.022	0.287	0.495	0.674	0.904	1.237
7091	70.90	1.677	2.176	2.655	3.034	3.253	3.293	3.171	2.930	2.620	2.282
7101	71.00	1.954	1.667	1.456	1.361	1.414	1.624	1.966	2.376	2.764	3.037
7111	71.10	3.135	3.042	2.796	2.468	2.130	1.827	1.565	1.314	1.030	0.683
7121	71.20	0.282	-0.128	-0.481	-0.714	-0.794	-0.737	-0.595	-0.447	-0.371	-0.423
7131	71.30	-0.631	-0.987	-1.461	-2.003	-2.555	-3.055	-3.441	-3.669	-3.715	-3.590
7141	71.40	-3.335	-3.014	-2.693	-2.424	-2.226	-2.086	-1.975	-1.860	-1.724	-1.574
7151	71.50	-1.436	-1.344	-1.325	-1.390	-1.539	-1.758	-2.030	-2.336	-2.668	-2.931
7161	71.60	-3.144	-3.249	-3.229	-3.101	-2.916	-2.751	-2.677	-2.730	-2.893	-3.095
7171	71.70	-3.237	-3.228	-3.025	-2.648	-2.176	-1.715	-1.366	-1.182	-1.162	-1.251
7181	71.80	-1.369	-1.437	-1.399	-1.236	-0.966	-0.628	-0.278	0.031	0.256	0.371
7191	71.90	0.375	0.294	0.174	0.070	0.030	0.083	0.233	0.462	0.744	1.053
7201	72.00	1.371	1.678	1.944	2.120	2.147	1.969	1.572	0.998	0.355	-0.210
7211	72.10	-0.554	-0.593	-0.326	0.158	0.717	1.208	1.533	1.663	1.627	1.481
7221	72.20	1.268	1.003	0.679	0.292	-0.126	-0.502	-0.734	-0.737	-0.487	-0.045
7231	72.30	0.459	0.865	1.047	0.957	0.646	0.232	-0.143	-0.370	-0.405	-0.273
7241	72.40	-0.044	0.205	0.412	0.548	0.602	0.574	0.463	0.274	0.024	-0.242
7251	72.50	-0.459	-0.559	-0.501	-0.293	0.003	0.285	0.450	0.433	0.235	-0.076
7261	72.60	-0.392	-0.598	-0.617	-0.428	-0.074	0.355	0.748	1.004	1.048	0.850
7271	72.70	0.426	-0.170	-0.853	-1.527	-2.107	-2.532	-2.784	-2.881	-2.868	-2.793
7281	72.80	-2.684	-2.543	-2.343	-2.047	-1.633	-1.110	-0.521	0.061	0.560	0.922
7291	72.90	1.124	1.187	1.161	1.114	1.114	1.213	1.441	1.801	2.268	2.791
7301	73.00	3.296	3.698	3.924	3.922	3.689	3.271	2.756	2.256	1.874	1.677
7311	73.10	1.676	1.823	2.028	2.190	2.228	2.119	1.907	1.700	1.639	1.853
7321	73.20	2.409	3.277	4.329	5.361	6.149	6.520	6.403	5.851	5.022	4.125
7331	73.30	3.355	2.831	2.579	2.545	2.637	2.785	2.965	3.207	3.564	4.066
7341	73.40	4.688	5.331	5.849	6.089	5.940	5.370	4.436	3.263	2.014	0.853
7351	73.50	-0.083	-0.698	-0.946	-0.831	-0.404	0.232	0.935	1.541	1.889	1.858
7361	73.60	1.391	0.518	-0.659	-1.979	-3.265	-4.352	-5.118	-5.502	-5.501	-5.169
7371	73.70	-4.599	-3.911	-3.230	-2.672	-2.323	-2.230	-2.396	-2.783	-3.333	-3.975
7381	73.80	-4.648	-5.306	-5.920	-6.471	-6.944	-7.322	-7.582	-7.702	-7.665	-7.468
7391	73.90	-7.128	-6.679	-6.176	-5.680	-5.246	-4.915	-4.699	-4.574	-4.487	-4.371
7401	74.00	-4.162	-3.826	-3.370	-2.847	-2.338	-1.932	-1.696	-1.650	-1.765	-1.971
7411	74.10	-2.180	-2.313	-2.322	-2.201	-1.981	-1.715	-1.456	-1.239	-1.071	-0.930
7421	74.20	-0.774	-0.556	-0.244	0.172	0.675	1.232	1.801	2.353	2.877	3.380
7431	74.30	3.876	4.368	4.836	5.234	5.498	5.575	5.441	5.122	4.682	4.208
7441	74.40	3.774	3.416	3.125	2.858	2.568	2.241	1.910	1.650	1.545	1.649
7451	74.50	1.949	2.359	2.743	2.958	2.912	2.593	2.074	1.493	0.997	0.702
7461	74.60	0.654	0.829	1.148	1.505	1.800	1.957	1.931	1.699	1.261	0.635
7471	74.70	-0.143	-1.014	-1.900	-2.715	-3.382	-3.855	-4.125	-4.224	-4.203	-4.113
7481	74.80	-3.983	-3.815	-3.584	-3.269	-2.869	-2.422	-2.004	-1.712	-1.624	-1.775
7491	74.90	-2.131	-2.598	-3.041	-3.331	-3.377	-3.158	-2.715	-2.139	-1.528	-0.958

Table 7-6-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1198 713-GR-1-2 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -66.419 (GAL) T= 23.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.461	-0.027	0.377	0.785	1.202	1.603	1.941	2.164	2.239	2.165
7511	75.10	1.971	1.709	1.434	1.201	1.052	1.023	1.145	1.437	1.900	2.500
7521	75.20	3.164	3.789	4.265	4.505	4.481	4.235	3.868	3.507	3.262	3.191
7531	75.30	3.280	3.458	3.631	3.718	3.684	3.550	3.376	3.240	3.199	3.273
7541	75.40	3.437	3.629	3.772	3.791	3.632	3.267	2.703	1.979	1.158	0.324
7551	75.50	-0.437	-1.047	-1.457	-1.651	-1.648	-1.501	-1.275	-1.060	-0.862	-0.794
7561	75.60	-0.874	-1.123	-1.540	-2.097	-2.742	-3.404	-4.018	-4.537	-4.957	-5.307
7571	75.70	-5.633	-5.971	-6.317	-6.620	-6.800	-6.782	-6.545	-6.143	-5.705	-5.392
7581	75.80	-5.347	-5.631	-6.209	-6.953	-7.695	-8.282	-8.619	-8.689	-8.528	-8.191
7591	75.90	-7.717	-7.115	-6.379	-5.513	-4.566	-3.631	-2.830	-2.272	-2.015	-2.045
7601	76.00	-2.279	-2.598	-2.884	-3.048	-3.040	-2.838	-2.431	-1.805	-0.952	0.115
7611	76.10	1.340	2.618	3.805	4.761	5.381	5.634	5.570	5.302	4.972	4.714
7621	76.20	4.622	4.744	5.088	5.630	6.331	7.137	7.983	8.796	9.498	10.017
7631	76.30	10.307	10.346	10.142	9.725	9.133	8.410	7.603	6.765	5.961	5.254
7641	76.40	4.692	4.288	4.007	3.771	3.483	3.066	2.492	1.800	1.084	0.461

Table 7-7-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-2.824	-6.511	-7.199	-4.350	0.538	4.556	4.894	0.462	-7.273	-14.753
11	0.10	-17.974	-14.527	-4.965	7.255	17.302	21.268	18.059	9.914	1.252	-3.592
21	0.20	-2.568	3.073	9.488	12.303	8.962	0.123	-10.610	-18.484	-19.985	-14.563
31	0.30	-4.836	4.812	10.459	10.522	6.328	1.843	-1.764	-0.917	2.663	6.208
41	0.40	6.944	3.812	-1.795	-6.726	-7.824	-3.784	3.910	11.529	14.893	11.509
51	0.50	1.973	-10.122	-19.750	-22.749	-17.749	-6.807	5.523	14.237	16.063	10.793
61	0.60	1.207	-8.290	-13.632	-12.768	-6.334	2.857	11.183	15.760	15.502	11.308
71	0.70	5.412	0.268	-2.507	-2.699	-1.398	-0.343	-1.039	-4.025	-8.584	-12.983
81	0.80	-15.164	-13.574	-7.860	0.883	10.384	17.920	21.237	19.329	12.801	3.661
91	0.90	-5.360	-11.716	-13.858	-11.648	-6.265	0.321	6.087	9.619	10.471	9.147
101	1.00	6.749	4.469	3.109	2.798	2.976	2.649	0.809	-3.085	-8.760	-15.022
111	1.10	-19.996	-21.669	-18.603	-10.570	1.140	13.918	24.533	30.121	29.125	21.832
121	1.20	10.284	-2.405	-13.074	-19.496	-20.957	-18.251	-13.149	-7.613	-3.071	-0.040
131	1.30	1.818	3.282	5.024	7.173	9.167	9.952	8.458	4.170	-2.433	-9.760
141	1.40	-15.444	-17.088	-13.219	-4.096	7.999	19.250	25.527	23.979	14.371	-0.476
151	1.50	-15.475	-25.138	-25.817	-17.364	-3.392	10.110	17.326	15.227	5.042	-8.185
161	1.60	-17.848	-18.883	-10.281	4.235	17.767	23.417	17.609	1.989	-17.047	-31.069
171	1.70	-33.343	-21.874	-0.355	23.395	40.772	45.945	38.027	20.972	1.403	-14.472
181	1.80	-23.337	-25.558	-24.095	-22.307	-21.883	-21.996	-20.023	-13.335	-1.127	14.720
191	1.90	30.194	40.789	43.380	37.409	24.861	9.215	-6.012	-18.347	-26.628	-30.566
201	2.00	-30.088	-25.040	-15.496	-2.457	11.641	23.144	28.278	24.741	12.996	-3.466
211	2.10	-19.194	-28.817	-29.175	-20.558	-6.494	7.809	17.625	20.472	16.735	8.977
221	2.20	0.447	-6.421	-10.765	-13.083	-14.331	-14.974	-14.582	-12.166	-7.005	0.610
231	2.30	9.187	16.579	20.931	21.515	18.939	14.635	9.929	5.266	0.095	-6.507
241	2.40	-14.793	-23.549	-30.098	-31.255	-24.854	-11.114	6.898	24.061	34.995	36.124
251	2.50	27.121	11.096	-6.547	-20.093	-25.526	-21.782	-10.857	3.149	15.564	22.634
261	2.60	22.480	15.350	3.254	-10.750	-23.340	-31.636	-33.725	-29.015	-18.373	-3.988
271	2.70	11.068	23.532	30.740	31.282	25.309	14.392	1.029	-12.025	-22.350	-28.244
281	2.80	-28.864	-24.220	-15.143	-3.234	9.233	19.602	25.377	24.947	18.255	7.109
291	2.90	-5.118	-14.417	-17.455	-12.807	-1.617	12.607	25.080	31.321	28.682	17.273
301	3.00	-0.062	-18.681	-33.645	-41.247	-40.028	-31.003	-17.066	-1.889	11.262	20.361
311	3.10	24.885	25.486	23.338	19.483	14.463	8.390	1.330	-6.235	-13.176	-17.900
321	3.20	-18.915	-15.545	-8.462	0.406	8.249	12.563	12.035	7.130	-0.061	-6.647
331	3.30	-10.121	-9.383	-5.168	0.330	4.457	5.272	2.379	-2.945	-8.361	-11.501
341	3.40	-10.935	-6.643	0.167	7.739	14.534	19.685	22.935	24.179	22.967	18.381
351	3.50	9.475	-3.879	-20.180	-36.070	-47.014	-48.789	-39.243	-19.546	5.711	29.779
361	3.60	45.971	50.012	41.544	24.170	4.001	-12.669	-21.604	-21.877	-15.691	-7.006
371	3.70	0.336	4.093	4.115	1.778	-1.192	-3.786	-6.109	-8.935	-12.774	-17.058
381	3.80	-19.998	-19.280	-13.286	-2.185	11.706	24.579	32.574	33.327	26.940	15.897
391	3.90	3.989	-5.232	-9.757	-9.630	-6.529	-2.717	0.030	1.034	0.620	-0.466
401	4.00	-1.726	-3.213	-5.331	-8.280	-11.535	-13.741	-13.154	-8.445	0.531	12.411
411	4.10	24.641	34.299	39.064	37.914	31.281	20.683	8.085	-4.700	-16.314	-25.846
421	4.20	-32.638	-36.136	-35.904	-31.806	-24.208	-14.039	-2.646	8.522	18.218	25.560
431	4.30	29.987	31.094	28.519	22.011	11.711	-1.500	-15.801	-28.574	-36.950	-38.616
441	4.40	-32.607	-19.771	-2.701	14.885	29.125	37.069	37.459	31.020	20.162	8.204
451	4.50	-1.648	-7.256	-8.133	-5.476	-1.617	0.911	0.372	-3.502	-9.420	-15.086
461	4.60	-18.169	-17.289	-12.592	-5.659	1.206	5.999	7.853	7.339	6.065	5.812
471	4.70	7.608	11.202	15.172	17.609	17.034	13.100	6.764	-0.121	-5.591	-8.352
481	4.80	-8.211	-6.030	-3.257	-1.293	-0.960	-2.242	-4.349	-6.009	-5.876	-2.954
491	4.90	3.052	11.491	20.739	28.434	32.037	29.603	20.560	6.158	-10.647	-25.959

Table 7-7-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-36.124	-38.916	-34.235	-24.023	-11.619	0.470	9.636	15.627	19.217	21.524
511	5.10	23.055	23.204	20.458	13.240	0.950	-15.320	-32.776	-47.657	-56.429	-56.914
521	5.20	-48.937	-34.257	-15.908	2.732	18.762	30.229	36.232	36.792	32.685	25.316
531	5.30	16.617	8.806	3.939	3.275	6.693	12.458	17.559	18.644	13.270	0.992
541	5.40	-16.175	-34.178	-48.157	-54.018	-49.773	-36.122	-16.074	6.188	26.688	42.703
551	5.50	53.083	57.822	57.233	51.248	39.276	20.761	-3.873	-32.396	-60.617	-83.151
561	5.60	-94.897	-92.687	-76.411	-49.138	-16.184	16.463	43.719	62.374	71.225	70.535
571	5.70	61.317	44.914	23.084	-1.598	-25.482	-44.177	-53.601	-51.430	-38.272	-17.928
581	5.80	3.591	20.003	26.918	23.310	11.679	-3.140	-15.957	-23.107	-23.450	-18.195
591	5.90	-9.831	-0.843	7.106	13.201	16.895	17.270	12.911	2.502	-14.120	-35.059
601	6.00	-56.271	-72.514	-79.091	-73.629	-57.090	-33.525	-8.640	12.175	25.518	30.643
611	6.10	28.974	22.838	14.130	3.594	-8.996	-23.932	-40.521	-56.506	-68.326	-72.156
621	6.20	-65.299	-47.349	-20.642	10.173	39.275	61.131	71.824	69.905	56.601	35.403
631	6.30	11.189	-10.906	-26.604	-33.344	-30.702	-20.271	-5.065	11.371	25.850	36.187
641	6.40	41.466	41.839	38.415	32.734	26.637	22.059	20.801	24.136	32.299	44.064
651	6.50	56.684	66.391	69.442	63.400	48.162	26.301	2.496	-17.771	-29.803	-30.966
661	6.60	-21.266	-3.067	19.784	43.069	63.119	77.350	84.421	84.139	77.268	65.280
671	6.70	50.020	33.260	16.208	-0.814	-18.314	-37.096	-57.419	-78.225	-96.931	-110.006
681	6.80	-114.234	-108.111	-92.688	-71.336	-48.410	-27.397	-9.414	7.085	25.152	47.171
691	6.90	72.722	97.610	114.728	116.567	98.389	60.651	9.570	-44.540	-90.504	-119.777
701	7.00	-128.785	-119.237	-96.463	-66.702	-34.614	-2.098	31.216	66.265	102.621	137.371
711	7.10	165.363	180.716	178.869	158.257	120.909	71.770	17.134	-37.136	-86.869	-129.917
721	7.20	-165.583	-193.502	-212.565	-220.402	-213.683	-189.218	-145.503	-84.180	-10.853	65.151
731	7.30	132.227	178.868	196.385	181.197	135.946	69.043	-7.263	-79.736	-137.045	-171.905
741	7.40	-181.939	-169.252	-139.118	-98.329	-53.729	-11.157	25.192	53.129	72.596	85.693
751	7.50	95.054	104.743	116.892	131.549	146.092	155.911	156.022	143.002	116.410	79.075
761	7.60	36.121	-6.765	-44.970	-75.762	-98.013	-111.254	-114.830	-107.857	-90.113	-63.315
771	7.70	-31.868	-2.317	18.569	26.283	20.414	4.757	-14.501	-31.668	-44.007	-52.417
781	7.80	-59.926	-68.841	-78.262	-83.563	-78.422	-58.468	-24.560	16.337	53.529	77.320
791	7.90	83.748	76.747	66.331	63.477	74.211	96.043	118.795	129.653	119.935	90.051
801	8.00	49.887	14.165	-4.978	-4.427	7.908	16.699	6.752	-29.261	-86.785	-151.042
811	8.10	-203.443	-229.418	-223.738	-190.932	-141.124	-84.091	-25.109	35.089	96.549	155.280
821	8.20	200.928	219.158	198.189	136.194	65.334	-50.512	-124.059	-155.469	-140.624	-92.664
831	8.30	-35.821	5.594	17.791	2.628	-25.043	-46.189	-47.919	-30.038	-4.663	10.656
841	8.40	2.532	-30.969	-79.003	-123.052	-145.652	-138.228	-104.250	-56.540	-10.613	22.255
851	8.50	38.734	42.527	40.061	35.757	29.779	19.414	2.941	-16.728	-31.255	-29.857
861	8.60	-4.740	43.919	106.300	165.810	205.382	214.281	192.230	149.016	99.971	59.662
871	8.70	36.803	32.458	41.794	57.812	74.752	89.417	100.171	104.838	99.355	78.491
881	8.80	38.542	-19.426	-87.793	-153.435	-201.561	-220.806	-207.319	-165.999	-108.396	-48.338
891	8.90	2.687	38.442	58.188	64.717	61.582	51.107	34.078	10.898	-16.798	-45.287
901	9.00	-69.308	-83.792	-85.821	-75.751	-56.905	-34.060	-11.557	7.984	23.815	36.237
911	9.10	45.512	51.314	53.074	50.942	46.591	43.123	43.826	50.268	60.765	70.212
921	9.20	71.674	59.245	30.940	-9.783	-54.702	-93.586	-117.886	-123.789	-113.304	-92.972
931	9.30	-70.839	-53.112	-41.971	-35.440	-29.179	-19.244	-4.434	12.838	27.491	34.005
941	9.40	28.869	12.176	-12.256	-38.182	-58.977	-69.590	-67.703	-53.832	-30.593	-1.606
951	9.50	29.464	59.412	85.537	105.414	116.678	117.056	104.731	78.977	40.856	-6.305
961	9.60	-56.905	-103.727	-139.221	-157.164	-154.234	-130.935	-91.511	-42.769	7.803	53.943
971	9.70	91.810	120.075	138.986	149.021	149.913	140.645	120.444	90.208	53.473	16.178
981	9.80	-14.926	-34.628	-41.288	-37.517	-29.060	-22.301	-21.520	-27.161	-35.904	-42.444
991	9.90	-42.059	-32.706	-15.704	5.190	25.651	42.547	54.706	62.469	66.523	66.879

Table 7-7-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	62.712	53.123	38.286	20.118	1.873	-13.202	-23.449	-29.612	-34.258	-40.018
1011	10.10	-47.591	-54.733	-57.004	-50.079	-32.506	-7.390	18.085	35.306	37.905	24.712
1021	10.20	0.485	-25.996	-45.603	-52.561	-46.473	-31.806	-15.299	-2.694	3.558	4.629
1031	10.30	3.797	4.116	6.670	10.266	12.588	11.914	8.318	3.603	0.081	-0.985
1041	10.40	-0.277	-0.039	-2.624	-8.820	-16.993	-23.630	-25.061	-19.452	-7.986	5.458
1051	10.50	15.989	19.897	16.259	7.165	-3.476	-11.879	-16.080	-16.566	-15.658	-16.052
1061	10.60	-19.314	-25.036	-30.959	-33.880	-30.872	-20.348	-2.675	19.705	42.572	60.599
1071	10.70	68.401	61.912	39.858	4.836	-36.563	-74.980	-100.724	-106.726	-90.928	-57.123
1081	10.80	-13.837	28.385	60.214	76.084	75.171	60.708	38.225	13.671	-7.833	-22.398
1091	10.90	-27.281	-20.874	-3.154	23.582	54.287	81.706	98.162	98.099	80.382	49.189
1101	11.00	12.887	-18.851	-38.545	-43.550	-36.705	-24.743	-15.234	-13.435	-20.417	-33.134
1111	11.10	-46.190	-54.314	-54.357	-46.020	-31.211	-12.638	7.512	28.117	48.739	68.667
1121	11.20	86.051	97.687	99.634	88.455	62.546	23.029	-26.127	-78.784	-127.881	-166.875
1131	11.30	-190.998	-198.035	-188.439	-164.792	-130.768	-89.951	-44.956	2.771	52.322	102.130
1141	11.40	148.799	186.684	208.736	208.561	183.003	134.174	69.856	1.842	-57.388	-98.420
1151	11.50	-117.591	-117.465	-104.928	-87.754	-71.225	-56.333	-40.335	-19.300	8.694	41.380
1161	11.60	72.319	93.206	97.424	83.147	54.469	19.953	-10.770	-30.804	-38.440	-37.151
1171	11.70	-33.219	-32.197	-35.954	-41.750	-43.749	-36.242	-16.940	11.270	40.997	63.147
1181	11.80	70.566	60.833	36.994	6.019	-24.161	-47.547	-61.599	-66.865	-65.222	-57.931
1191	11.90	-44.717	-24.415	3.232	35.794	67.671	91.492	100.985	93.965	73.838	48.649
1201	12.00	27.831	18.042	20.033	28.124	32.698	24.691	0.057	-37.866	-79.227	-111.428
1211	12.10	-124.107	-113.156	-82.039	-40.013	1.808	34.626	54.565	62.759	63.227	59.893
1221	12.20	54.333	45.328	30.280	7.557	-21.565	-52.437	-78.312	-92.751	-92.032	-76.467
1231	12.30	-50.144	-19.310	9.791	32.715	47.631	55.053	56.874	55.261	51.886	47.658
1241	12.40	42.877	37.559	31.715	25.524	19.387	13.933	9.953	8.243	9.302	12.977
1251	12.50	18.196	23.005	24.995	22.036	13.069	-1.389	-19.253	-37.396	-52.472	-61.716
1261	12.60	-63.430	-57.101	-43.281	-23.442	0.061	23.964	44.248	56.696	57.904	46.498
1271	12.70	24.033	-4.906	-33.678	-55.422	-65.133	-61.187	-45.693	-23.544	-0.576	18.387
1281	12.80	30.816	36.649	37.431	34.995	30.355	23.361	13.195	-0.639	-17.398	-34.791
1291	12.90	-49.450	-57.989	-58.171	-49.675	-34.175	-14.744	5.100	22.307	34.858	41.864
1301	13.00	43.335	39.826	32.168	21.373	8.645	-4.615	-16.907	-26.869	-33.546	-36.594
1311	13.10	-36.310	-33.458	-28.970	-23.622	-17.831	-11.619	-4.775	2.880	11.207	19.577
1321	13.20	26.891	31.613	33.177	30.418	23.893	14.926	5.525	-2.163	-6.476	-6.699
1331	13.30	-3.169	3.007	10.512	18.353	26.115	33.777	41.192	47.504	50.893	48.903
1341	13.40	39.328	21.353	-3.566	-31.568	-57.166	-74.782	-80.473	-73.190	-55.084	-30.731
1351	13.50	-5.604	15.574	29.987	36.998	37.595	33.393	25.760	15.462	2.930	-11.101
1361	13.60	-25.063	-36.500	-42.658	-41.482	-32.580	-17.678	-0.294	15.270	25.235	27.445
1371	13.70	21.836	10.166	-4.808	-20.288	-34.139	-45.091	-52.496	-55.878	-54.613	-47.947
1381	13.80	-35.382	-17.198	5.150	29.042	51.156	68.254	78.003	79.513	73.416	61.492
1391	13.90	46.018	29.130	12.421	-3.108	-16.825	-28.154	-36.379	-40.697	-40.499	-35.735
1401	14.00	-27.169	-16.350	-5.289	4.068	10.350	13.064	12.579	9.824	5.849	1.462
1411	14.10	-2.936	-7.259	-11.490	-15.426	-18.554	-20.107	-19.277	-15.467	-8.495	1.289
1421	14.20	12.982	25.161	35.971	43.321	45.233	40.377	28.656	11.642	-7.427	-24.244
1431	14.30	-34.581	-35.642	-27.128	-11.532	6.545	21.885	30.408	30.494	23.345	12.258
1441	14.40	1.145	-7.035	-11.247	-12.406	-12.504	-13.386	-15.758	-18.935	-21.352	-21.517
1451	14.50	-18.844	-13.918	-8.070	-2.540	2.290	7.123	13.309	21.949	33.011	44.957
1461	14.60	55.062	60.315	58.477	48.817	32.273	11.043	-12.103	-34.442	-53.617	-67.684
1471	14.70	-75.072	-74.686	-66.235	-50.635	-30.206	-8.405	10.951	24.733	31.409	31.400
1481	14.80	26.736	20.135	13.943	9.383	6.412	4.162	1.676	-1.470	-4.951	-7.947
1491	14.90	-9.655	-9.764	-8.615	-7.012	-5.807	-5.516	-6.151	-7.329	-8.521	-9.275

Table 7-7-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-9.287	-8.319	-6.096	-2.339	3.028	9.569	16.146	21.030	22.376	18.936
1511	15.10	10.690	-0.886	-13.107	-22.851	-27.544	-25.968	-18.610	-7.425	4.854	15.579
1521	15.20	22.906	26.143	25.688	22.638	18.287	13.680	9.376	5.445	1.664	-2.197
1531	15.30	-6.131	-9.779	-12.524	-13.756	-13.210	-11.203	-8.637	-6.700	-6.343	-7.763
1541	15.40	-10.154	-11.900	-11.202	-6.911	0.819	10.383	19.221	24.767	25.465	21.361
1551	15.50	14.016	5.768	-1.287	-6.075	-8.737	-10.143	-11.059	-11.463	-10.436	-6.737
1561	15.60	0.234	9.644	19.121	25.529	26.320	20.840	10.892	0.187	-7.169	-8.480
1571	15.70	-3.744	4.247	11.057	12.544	6.704	-5.409	-20.077	-32.451	-38.504	-36.551
1581	15.80	-27.711	-15.205	-2.888	6.271	11.099	12.239	11.401	10.322	9.963	10.259
1591	15.90	10.433	9.580	7.177	3.261	-1.716	-7.176	-12.600	-17.486	-21.150	-22.591
1601	16.00	-20.633	-14.405	-3.989	9.124	22.091	31.436	34.229	29.278	17.798	3.191
1611	16.10	-10.057	-17.970	-18.531	-12.382	-2.480	7.156	13.065	13.650	9.628	3.463
1621	16.20	-1.925	-4.564	-4.308	-2.795	-2.522	-5.491	-12.060	-20.559	-27.857	-30.701
1631	16.30	-27.056	-17.127	-3.299	10.792	21.731	27.653	28.870	27.506	26.349	27.439
1641	16.40	31.047	35.499	37.918	35.524	26.923	12.800	-4.258	-20.700	-33.270	-40.043
1651	16.50	-40.820	-36.820	-29.889	-21.660	-13.076	-4.425	4.217	12.458	19.339	23.512
1661	16.60	23.806	19.861	12.498	3.595	-4.524	-9.922	-11.741	-10.455	-7.564	-4.913
1671	16.70	-3.915	-5.050	-7.805	-11.047	-13.608	-14.804	-14.653	-13.738	-12.828	-12.452
1681	16.80	-12.642	-12.922	-12.523	-10.707	-7.046	-1.576	5.183	12.300	18.566	22.659
1691	16.90	23.370	19.906	12.232	1.334	-10.736	-21.186	-27.157	-26.599	-19.062	-6.064
1701	17.00	9.163	22.553	30.434	30.709	23.540	11.302	-2.202	-12.959	-17.973	-16.078
1711	17.10	-8.112	3.533	15.752	25.614	31.034	31.064	25.858	16.434	4.384	-8.384
1721	17.20	-19.856	-28.150	-31.792	-30.020	-23.006	-11.902	1.363	14.499	25.358	32.358
1731	17.30	34.708	32.395	26.001	16.480	5.001	-7.114	-18.398	-27.302	-32.385	-32.624
1741	17.40	-27.758	-18.510	-6.576	5.679	15.733	21.488	21.754	16.506	6.880	-5.061
1751	17.50	-16.230	-25.507	-29.253	-26.783	-18.207	-5.029	10.073	23.829	33.190	36.174
1761	17.60	32.442	23.397	11.722	0.499	-7.767	-11.868	-12.098	-9.895	-7.121	-5.295
1771	17.70	-5.099	-6.324	-8.202	-9.906	-10.952	-11.322	-11.308	-11.205	-11.068	-10.665
1781	17.80	-9.646	-7.792	-5.185	-2.180	0.805	3.559	6.206	9.109	12.553	16.376
1791	17.90	19.774	21.414	19.882	14.288	4.776	-7.296	-19.621	-29.563	-34.906	-34.473
1801	18.00	-28.403	-18.026	-5.428	7.111	17.621	24.767	27.947	27.230	23.189	16.715
1811	18.10	8.856	0.673	-6.860	-12.926	-16.905	-18.395	-17.230	-13.525	-7.740	-0.741
1821	18.20	6.224	11.672	14.209	12.943	7.871	0.049	-8.568	-15.640	-19.167	-18.163
1831	18.30	-13.024	-5.400	2.392	8.209	10.838	10.359	7.961	5.294	3.656	3.374
1841	18.40	3.678	3.127	0.403	-4.891	-11.811	-18.263	-21.748	-20.370	-13.668	-2.918
1851	18.50	9.254	19.790	26.269	27.682	24.622	18.831	12.358	6.728	2.493	-0.672
1861	18.60	-3.419	-16.071	-8.216	-8.797	-6.670	-1.368	6.459	14.825	21.185	23.288
1871	18.70	20.116	12.334	2.086	-7.819	-14.944	-18.056	-17.392	-14.289	-10.404	-6.923
1881	18.80	-4.134	-1.565	1.461	5.160	8.909	11.386	11.171	7.545	1.014	-6.697
1891	18.90	-13.242	-16.615	-16.007	-12.162	-7.028	-2.860	-1.164	-1.983	-3.872	-4.600
1901	19.00	-2.253	3.745	12.195	20.471	25.540	25.215	19.082	8.719	-2.900	-12.548
1911	19.10	-17.930	-18.425	-15.096	-10.011	-5.245	-2.013	-0.320	0.750	2.322	4.947
1921	19.20	8.183	10.719	11.002	8.050	2.059	-5.486	-12.286	-16.068	-15.460	-10.537
1931	19.30	-2.814	5.286	11.259	13.351	11.068	5.253	-2.262	-9.258	-13.775	-14.600
1941	19.40	-11.502	-5.193	2.930	11.154	17.844	21.768	22.295	19.450	13.826	6.412
1951	19.50	-1.622	-9.113	-15.063	-18.738	-19.758	-18.164	-14.444	-9.485	-4.386	-0.162
1961	19.60	2.599	3.973	4.702	5.870	8.375	12.361	16.931	20.298	20.420	15.875
1971	19.70	6.632	-5.671	-18.106	-27.401	-31.074	-28.297	-20.119	-8.982	2.258	11.333
1981	19.80	17.176	19.924	20.397	19.394	17.221	13.683	8.514	1.960	-4.886	-10.244
1991	19.90	-12.294	-10.037	-3.913	4.144	11.324	14.969	13.598	7.466	-1.572	-10.809

Table 7-7-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-17.699	-20.711	-19.676	-15.560	-9.855	-3.901	1.524	6.223	10.272	13.607
2011	20.10	15.783	16.032	13.614	8.286	0.637	-7.874	-15.254	-19.573	-19.600	-15.261
2021	20.20	-7.739	0.838	8.015	11.744	10.989	6.011	-1.755	-10.176	-17.085	-20.891
2031	20.30	-20.934	-17.500	-11.543	-4.278	3.169	9.899	15.199	18.414	18.921	16.287
2041	20.40	10.592	2.721	-5.601	-12.175	-15.058	-13.372	-7.832	-0.673	5.088	6.821
2051	20.50	3.397	-4.241	-13.351	-20.430	-22.601	-18.764	-10.024	0.780	10.223	15.602
2061	20.60	15.870	11.837	5.632	-0.254	-3.911	-4.544	-2.493	1.165	5.138	8.309
2071	20.70	9.894	9.418	6.672	1.775	-4.661	-11.413	-16.737	-18.767	-16.139	-8.584
2081	20.80	2.775	15.627	27.138	36.834	37.344	34.719	28.215	19.679	10.832	2.761
2091	20.90	-4.202	-10.240	-15.629	-20.380	-24.116	-26.201	-26.025	-23.288	-18.138	-11.146
2101	21.00	-3.167	4.818	11.825	16.943	19.434	18.864	15.293	9.408	2.512	-3.705
2111	21.10	-7.599	-8.072	-4.958	0.874	7.747	13.685	17.007	16.812	13.193	7.144
2121	21.20	0.201	-6.016	-10.239	-11.845	-10.952	-8.327	-5.148	-2.675	-1.911	-3.313
2131	21.30	-6.653	-11.055	-15.236	-17.879	-18.027	-15.381	-10.376	-4.038	2.343	7.600
2141	21.40	10.999	12.381	12.116	10.910	9.531	8.559	8.201	8.225	8.015	6.761
2151	21.50	3.750	-1.292	-7.936	-14.958	-20.539	-22.762	-20.275	-12.900	-1.932	10.062
2161	21.60	19.935	24.943	23.675	16.555	5.735	-5.621	-14.371	-18.375	-17.059	-11.407
2171	21.70	-3.444	4.522	10.592	13.666	13.484	10.421	5.213	-1.222	-7.853	-13.546
2181	21.80	-17.142	-17.674	-14.668	-8.424	-0.084	8.581	15.642	19.583	19.742	16.474
2191	21.90	10.962	4.789	-0.565	-4.104	-5.473	-4.890	-2.939	-0.335	2.236	4.214
2201	22.00	5.194	4.955	3.492	1.039	-1.968	-4.984	-7.512	-9.244	-10.125	-10.296
2211	22.10	-9.950	-9.162	-7.797	-5.557	-2.159	2.488	8.022	13.693	18.469	21.304
2221	22.20	21.430	18.563	12.964	5.366	-3.206	-11.629	-18.855	-24.026	-26.552	-26.160
2231	22.30	-22.924	-17.270	-9.929	-1.830	6.051	12.853	17.951	21.001	21.903	20.719
2241	22.40	17.597	12.753	6.507	-0.640	-7.951	-14.497	-19.307	-21.599	-21.024	-17.803
2251	22.50	-12.704	-6.825	-1.268	3.189	6.276	8.205	9.443	10.383	11.091	11.242
2261	22.60	10.312	7.931	4.223	-0.051	-3.669	-5.408	-4.594	-1.482	2.737	6.363
2271	22.70	7.889	6.674	3.270	-0.781	-3.620	-3.918	-1.519	2.439	6.005	7.305
2281	22.80	5.417	0.855	-4.594	-8.610	-9.326	-6.137	0.031	7.079	12.545	14.516
2291	22.90	12.244	6.290	-1.803	-10.099	-16.827	-20.743	-21.231	-18.246	-12.219	-4.016
2301	23.00	5.092	13.531	19.684	22.283	20.805	15.677	8.160	-0.074	-7.505	-13.210
2311	23.10	-16.988	-19.121	-19.937	-19.437	-17.228	-12.807	-6.069	2.288	10.720	17.256
2321	23.20	20.241	19.046	14.397	8.134	2.475	-0.869	-1.344	0.351	2.719	4.248
2331	23.30	4.119	2.510	0.370	-1.174	-1.469	-0.683	0.288	0.306	-1.401	-4.821
2341	23.40	-9.120	-12.998	-15.236	-15.184	-12.968	-9.358	-5.401	-1.990	0.430	1.943
2351	23.50	3.022	4.277	6.178	8.851	11.987	14.869	16.533	16.034	12.790	6.891
2361	23.60	-0.741	-8.466	-14.345	-16.756	-15.011	-9.678	-2.459	4.398	8.937	10.227
2371	23.70	8.678	5.777	3.357	2.731	4.086	6.420	8.041	7.394	3.815	-2.138
2381	23.80	-8.911	-14.621	-17.813	-17.974	-15.573	-11.675	-7.362	-3.282	0.461	4.057
2391	23.90	7.570	10.616	12.360	11.859	8.584	2.850	-4.098	-10.411	-14.262	-14.512
2401	24.00	-11.116	-5.135	1.666	7.431	10.784	11.172	8.871	4.744	-0.131	-4.768
2411	24.10	-8.462	-10.813	-11.670	-11.064	-9.168	-6.300	-2.913	0.443	3.226	5.015
2421	24.20	5.625	5.136	3.862	2.246	0.729	-0.341	-0.774	-0.525	0.333	1.666
2431	24.30	3.320	5.140	6.971	8.645	9.959	10.669	10.499	9.184	6.552	2.613
2441	24.40	-2.355	-7.782	-12.852	-16.657	-18.392	-17.576	-14.198	-8.747	-2.120	4.592
2451	24.50	10.344	14.354	16.226	15.954	13.839	10.345	5.973	1.178	-3.652	-8.173
2461	24.60	-12.045	-14.916	-16.453	-16.406	-14.692	-11.456	-7.084	-2.152	2.687	6.839
2471	24.70	9.886	11.663	12.249	11.902	10.957	9.715	8.373	7.003	5.570	3.989
2481	24.80	2.177	0.094	-2.221	-4.636	-6.916	-8.733	-9.696	-9.434	-7.707	-4.530
2491	24.90	-0.262	4.392	8.507	11.166	11.728	10.064	6.640	2.419	-1.426	-3.870

Table 7-7-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-4.374	-3.058	-0.647	1.791	3.225	3.027	1.178	-1.741	-4.775	-6.935
2511	25.10	-7.529	-6.353	-3.695	-0.149	3.637	7.201	10.345	13.079	15.427	17.241
2521	25.20	18.112	17.464	14.787	9.935	3.325	-4.064	-10.938	-16.095	-18.837	-19.214
2531	25.30	-17.971	-16.207	-14.878	-14.352	-14.210	-13.417	-10.787	-5.579	2.043	10.877
2541	25.40	18.979	24.269	25.242	21.508	13.950	4.454	-4.689	-11.476	-14.737	-14.351
2551	25.50	-11.104	-6.291	-1.250	2.999	5.885	7.217	7.006	5.314	2.226	-2.050
2561	25.60	-7.025	-11.845	-15.381	-16.506	-14.477	-9.284	-1.781	6.465	13.605	18.057
2571	25.70	18.987	16.537	11.716	6.003	0.829	-2.869	-4.858	-5.518	-5.542	-5.548
2581	25.80	-5.804	-6.150	-6.137	-5.293	-3.385	-0.566	2.652	5.560	7.477	7.937
2591	25.90	6.794	4.224	0.655	-3.326	-7.067	-9.947	-11.477	-11.411	-9.831	-7.184
2601	26.00	-4.194	-1.684	-0.321	-0.377	-1.627	-3.404	-4.843	-5.199	-4.133	-1.840
2611	26.10	1.018	3.570	5.058	5.110	3.856	1.861	-0.100	-1.306	-1.316	-0.068
2621	26.20	2.156	4.856	7.480	9.550	10.732	10.849	9.861	7.854	5.043	1.783
2631	26.30	-1.435	-4.045	-5.510	-5.481	-3.927	-1.204	2.000	4.837	6.537	6.652
2641	26.40	5.187	2.591	-0.414	-3.088	-4.910	-5.712	-5.646	-5.021	-4.095	-2.930
2651	26.50	-1.378	0.772	3.587	6.810	9.824	11.797	11.960	9.902	5.773	0.289
2661	26.60	-5.447	-10.251	-13.164	-13.675	-11.804	-8.043	-3.224	1.663	5.650	7.956
2671	26.70	8.148	6.240	2.724	-1.536	-5.526	-8.385	-9.665	-9.448	-8.248	-6.732
2681	26.80	-5.385	-4.285	-3.104	-1.357	1.229	4.412	7.380	9.002	8.310	4.980
2691	26.90	-0.414	-6.503	-11.578	-14.187	-13.642	-10.212	-4.956	0.710	5.505	8.612
2701	27.00	9.765	9.108	6.982	3.767	-0.131	-4.197	-7.732	-9.913	-10.006	-7.666
2711	27.10	-3.174	2.531	8.080	12.090	13.598	12.343	8.795	3.936	-1.080	-5.243
2721	27.20	-7.877	-8.630	-7.670	-5.125	-1.551	2.336	5.677	7.637	7.664	5.729
2731	27.30	2.431	-1.136	-3.752	-4.538	-3.332	-0.780	1.901	3.427	2.983	0.573
2741	27.40	-2.974	-6.342	-8.248	-7.933	-5.405	-1.382	3.028	6.739	9.026	9.672
2751	27.50	8.914	7.261	5.290	3.488	2.183	1.525	1.504	1.963	2.616	3.208
2761	27.60	3.405	3.098	2.357	1.422	0.597	0.095	-0.076	-0.132	-0.403	-1.163
2771	27.70	-2.474	-4.129	-5.726	-6.836	-7.178	-6.698	-5.535	-3.900	-1.940	0.300
2781	27.80	2.808	5.446	7.925	9.625	9.941	8.445	5.140	0.547	-4.409	-8.688
2791	27.90	-11.452	-12.290	-11.254	-8.720	-5.177	-1.067	3.233	7.316	10.626	12.452
2801	28.00	12.091	9.152	3.837	-2.939	-9.734	-15.007	-17.647	-17.352	-14.693	-10.813
2811	28.10	-6.904	-3.700	-1.229	1.065	3.896	7.620	11.908	15.762	17.894	17.291
2821	28.20	13.696	7.800	1.034	-4.931	-8.753	-9.841	-8.454	-5.493	-2.104	0.720
2831	28.30	2.395	2.793	2.129	0.792	-0.798	-2.260	-3.278	-3.618	-3.168	-1.995
2841	28.40	-0.366	1.312	2.617	3.284	3.313	2.955	2.575	2.444	2.569	2.666
2851	28.50	2.290	1.076	-1.030	-3.675	-6.193	-7.855	-8.157	-7.006	-4.738	-1.934
2861	28.60	0.836	3.238	5.252	7.074	8.916	10.794	12.425	13.276	12.744	10.385
2871	28.70	6.122	0.329	-6.182	-12.308	-16.860	-18.819	-17.593	-13.229	-6.515	1.084
2881	28.80	7.715	11.594	11.537	7.395	0.200	-8.049	-14.943	-18.384	-17.225	-11.604
2891	28.90	-2.851	6.962	15.668	21.587	23.875	22.553	18.296	12.120	5.111	-1.721
2901	29.00	-7.483	-11.416	-12.958	-11.867	-8.371	-3.230	2.355	7.012	9.556	9.340
2911	29.10	6.444	1.653	-3.776	-8.466	-11.284	-11.609	-9.459	-5.449	-0.621	3.812
2921	29.20	6.764	7.549	6.058	2.793	-1.282	-5.031	-7.509	-8.247	-7.364	-5.454
2931	29.30	-3.299	-1.538	-0.445	0.085	0.358	0.616	0.835	0.724	-0.095	-1.808
2941	29.40	-4.200	-6.661	-8.410	-8.838	-7.800	-5.684	-3.216	-1.108	0.273	1.025
2951	29.50	1.565	2.293	3.270	4.107	4.157	2.912	0.400	-2.658	-5.056	-5.612
2961	29.60	-3.736	0.220	5.020	9.026	10.873	10.041	7.059	3.247	0.137	-1.166
2971	29.70	-0.382	1.939	4.756	7.038	8.159	8.035	6.974	5.377	3.484	1.300
2981	29.80	-1.265	-4.166	-7.047	-9.260	-10.074	-8.999	-6.040	-1.770	2.829	6.692
2991	29.90	9.008	9.446	8.194	5.824	3.065	0.581	-1.176	-2.023	-2.039	-1.504

Table 7-7-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.819	-0.403	-0.560	-1.361	-2.587	-3.771	-4.375	-4.033	-2.770	-1.075
3011	30.10	0.248	0.409	-0.968	-3.581	-6.441	-8.186	-7.605	-4.161	1.703	8.629
3021	30.20	14.773	18.432	18.621	15.380	9.696	3.097	-2.910	-7.316	-9.825	-10.767
3031	30.30	-10.768	-10.377	-9.807	-8.897	-7.300	-4.776	-1.443	2.145	5.131	6.662
3041	30.40	6.234	3.927	0.444	-3.094	-5.512	-5.982	-4.314	-1.026	2.825	6.002
3051	30.50	7.506	6.911	4.497	1.143	-1.982	-3.814	-3.746	-1.807	1.369	4.780
3061	30.60	7.391	8.458	7.737	5.508	2.442	-0.657	-3.116	-4.585	-5.112	-5.058
3071	30.70	-4.917	-5.096	-5.729	-6.602	-7.224	-7.011	-5.539	-2.756	0.915	4.660
3081	30.80	7.521	8.722	7.970	5.589	2.436	-0.413	-2.042	-2.067	-0.771	1.010
3091	30.90	2.233	2.080	0.298	-2.691	-5.954	-8.414	-9.268	-8.272	-5.798	-2.650
3101	31.00	0.267	2.269	3.096	2.910	2.150	1.309	0.748	0.615	0.860	1.320
3111	31.10	1.802	2.146	2.240	2.039	1.582	1.005	0.537	0.435	0.870	1.801
3121	31.20	2.925	3.745	3.764	2.743	0.886	-1.165	-2.543	-2.537	-0.950	1.732
3131	31.30	4.478	6.122	5.869	3.676	0.308	-2.970	-4.934	-4.928	-3.138	-0.470
3141	31.40	1.879	2.976	2.537	0.989	-0.821	-2.095	-2.491	-2.255	-2.034	-2.467
3151	31.50	-3.788	-5.642	-7.222	-7.633	-6.325	-3.361	0.599	4.556	7.566	9.050
3161	31.60	8.919	7.481	5.220	2.590	-0.096	-2.635	-4.852	-6.527	-7.407	-7.299
3171	31.70	-6.162	-4.158	-1.607	1.112	3.654	5.740	7.111	7.478	6.532	4.065
3181	31.80	0.164	-4.624	-9.295	-12.612	-13.516	-11.559	-7.162	-1.541	3.688	7.090
3191	31.90	7.930	6.391	3.431	0.329	-1.850	-2.625	-2.171	-1.092	-0.051	0.547
3201	32.00	0.656	0.471	0.201	-0.123	-0.649	-1.551	-2.801	-4.044	-4.669	-4.082
3211	32.10	-2.043	1.119	4.550	7.176	8.159	7.275	5.036	2.494	0.798	0.718
3221	32.20	2.327	4.988	7.621	9.132	8.803	6.494	2.617	-2.070	-6.724	-10.620
3231	32.30	-13.243	-14.286	-13.620	-11.299	-7.598	-3.049	1.584	5.457	7.872	8.518
3241	32.40	7.616	5.867	4.216	3.503	4.132	5.906	8.098	9.735	9.980	8.462
3251	32.50	5.420	1.600	-2.032	-4.657	-5.888	-5.876	-5.185	-4.523	-4.425	-5.020
3261	32.60	-5.985	-6.667	-6.352	-4.546	-1.182	3.317	8.135	12.276	14.822	15.158
3271	32.70	13.115	9.008	3.553	-2.285	-7.503	-11.270	-13.092	-12.886	-10.956	-7.859
3281	32.80	-4.218	-0.544	2.859	5.883	8.497	10.591	11.884	11.940	10.330	6.869
3291	32.90	1.810	-4.094	-9.734	-13.961	-15.944	-15.436	-12.837	-9.014	-4.966	-1.481
3301	33.00	1.078	2.779	3.930	4.824	5.536	5.882	5.550	4.312	2.213	-0.381
3311	33.10	-2.897	-4.777	-5.696	-5.670	-5.010	-4.146	-3.427	-2.979	-2.709	-2.407
3321	33.20	-1.910	-1.208	-0.449	0.151	0.453	0.488	0.456	0.620	1.161	2.057
3331	33.30	3.061	3.798	3.919	3.251	1.860	0.006	-1.984	-3.849	-5.472	-6.859
3341	33.40	-8.033	-8.919	-9.283	-8.778	-7.084	-4.085	0.005	4.636	9.052	12.507
3351	33.50	14.489	14.849	13.803	11.802	9.335	6.766	4.255	1.803	-0.637	-3.028
3361	33.60	-5.193	-6.842	-7.679	-7.535	-6.451	-4.682	-2.613	-0.640	0.935	1.949
3371	33.70	2.366	2.220	1.569	0.495	-0.866	-2.286	-3.439	-3.969	-3.601	-2.272
3381	33.80	-0.198	2.146	4.154	5.269	5.154	3.785	1.439	-1.394	-4.146	-6.285
3391	33.90	-7.388	-7.176	-5.539	-2.567	1.399	5.757	9.696	12.347	13.017	11.418
3401	34.00	7.812	2.986	-1.953	-5.906	-8.109	-8.346	-6.955	-4.648	-2.214	-0.238
3411	34.10	1.046	1.736	2.104	2.385	2.629	2.679	2.273	1.221	-0.452	-2.454
3421	34.20	-4.309	-5.519	-5.751	-4.953	-3.356	-1.364	0.600	2.240	3.448	4.267
3431	34.30	4.788	5.031	4.901	4.225	2.874	0.910	-1.336	-3.301	-4.359	-4.069
3441	34.40	-2.393	0.209	2.884	4.657	4.788	3.071	-0.059	-3.659	-6.610	-8.014
3451	34.50	-7.511	-5.375	-2.363	0.602	2.786	3.875	4.003	3.583	3.047	2.621
3461	34.60	2.251	1.692	0.714	-0.696	-2.244	-3.401	-3.606	-2.509	-0.151	3.008
3471	34.70	6.209	8.615	9.555	8.695	6.116	2.267	-2.143	-6.306	-9.467	-11.072
3481	34.80	-10.872	-8.986	-5.889	-2.314	0.919	3.113	3.881	3.247	1.622	-0.352
3491	34.90	-2.004	-2.846	-2.688	-1.644	-0.028	1.790	3.516	4.994	6.179	7.067

Table 7-7-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	7.607	7.669	7.064	5.631	3.344	0.386	-2.828	-5.722	-7.688	-8.251
3511	35.10	-7.226	-4.791	-1.470	1.990	4.819	6.436	6.607	5.487	3.538	1.338
3521	35.20	-0.631	-2.132	-3.214	-4.105	-5.037	-6.061	-6.977	-7.388	-6.894	-5.314
3531	35.30	-2.848	-0.083	2.169	3.152	2.456	0.198	-2.989	-6.142	-8.272	-8.672
3541	35.40	-7.116	-3.899	0.275	4.510	7.954	9.983	10.303	8.970	6.339	2.979
3551	35.50	-0.440	-3.270	-5.022	-5.481	-4.763	-3.303	-1.731	-0.682	-0.575	-1.465
3561	35.60	-3.010	-4.584	-5.504	-5.281	-3.795	-1.331	1.543	4.202	6.185	7.325
3571	35.70	7.738	7.677	7.343	6.752	5.723	4.002	1.452	-1.779	-5.225	-8.208
3581	35.80	-10.068	-10.398	-9.183	-6.779	-3.756	-0.669	2.115	4.468	6.418	7.984
3591	35.90	9.057	9.373	8.633	6.685	3.683	0.118	-3.308	-5.917	-7.287	-7.383
3601	36.00	-6.512	-5.145	-3.682	-2.299	-0.930	0.599	2.386	4.296	5.951	6.857
3611	36.10	6.614	5.110	2.596	-0.380	-3.160	-5.179	-6.116	-5.933	-4.817	-3.070
3621	36.20	-1.018	1.045	2.863	4.222	4.966	5.036	4.508	3.595	2.565	1.745
3631	36.30	1.226	1.020	1.003	1.034	1.057	1.145	1.452	2.099	3.047	4.054
3641	36.40	4.736	4.721	3.827	2.167	0.128	-1.775	-3.094	-3.615	-3.407	-2.747
3651	36.50	-1.971	-1.329	-0.919	-0.711	-0.634	-0.653	-0.791	-1.071	-1.443	-1.732
3661	36.60	-1.682	-1.069	0.154	1.769	3.327	4.290	4.240	3.056	0.983	-1.455
3671	36.70	-3.626	-5.006	-5.324	-4.610	-3.131	-1.287	0.509	1.895	2.605	2.473
3681	36.80	1.461	-0.319	-2.588	-4.924	-6.845	-7.926	-7.917	-6.807	-4.815	-2.308
3691	36.90	0.298	2.628	4.380	5.325	5.296	4.221	2.178	-0.534	-3.383	-5.690
3701	37.00	-6.809	-6.354	-4.368	-1.343	1.919	4.584	6.070	6.221	5.309	3.856
3711	37.10	2.385	1.202	0.324	-0.431	-1.265	-2.223	-3.128	-3.659	-3.522	-2.631
3721	37.20	-1.190	0.372	1.575	2.098	1.917	1.310	0.732	0.621	1.215	2.464
3731	37.30	4.054	5.519	6.387	6.313	5.154	3.007	0.188	-2.806	-5.376	-6.935
3741	37.40	-7.053	-5.606	-2.858	0.548	3.744	5.886	6.428	5.314	3.004	0.314
3751	37.50	-1.884	-2.980	-2.839	-1.821	-0.608	0.095	-0.138	-1.290	-2.920	-4.373
3761	37.60	-5.068	-4.757	-3.635	-2.258	-1.301	-1.263	-2.238	-3.845	-5.365	-6.003
3771	37.70	-5.210	-2.900	0.495	4.165	7.204	8.910	9.003	7.670	5.457	3.038
3781	37.80	0.986	-0.375	-1.004	-1.056	-0.763	-0.336	0.079	0.373	0.444	0.202
3791	37.90	-0.385	-1.212	-1.999	-2.349	-1.893	-0.495	1.614	3.835	5.388	5.624
3801	38.00	4.326	1.857	-0.938	-3.055	-3.748	-2.852	-0.858	1.306	2.692	2.757
3811	38.10	1.602	-0.098	-1.433	-1.701	-0.747	0.971	2.609	3.352	2.813	1.216
3821	38.20	-0.718	-2.109	-2.343	-1.348	0.380	2.011	2.761	2.220	0.508	-1.826
3831	38.30	-4.054	-5.575	-6.102	-5.692	-4.616	-3.177	-1.578	0.105	1.836	3.510
3841	38.40	4.879	5.595	5.335	3.958	1.614	-1.261	-4.062	-6.198	-7.262	-7.129
3851	38.50	-5.946	-4.038	-1.796	0.431	2.373	3.842	4.702	4.853	4.244	2.901
3861	38.60	0.969	-1.286	-3.509	-5.326	-6.425	-6.632	-5.943	-4.512	-2.610	-0.550
3871	38.70	1.370	2.914	3.929	4.344	4.159	3.437	2.300	0.931	-0.429	-1.513
3881	38.80	-2.069	-1.932	-1.085	0.309	1.929	3.374	4.270	4.386	3.686	2.329
3891	38.90	0.585	-1.264	-3.008	-4.537	-5.795	-6.700	-7.085	-6.703	-5.323	-2.868
3901	39.00	0.453	4.106	7.327	9.335	9.585	7.970	4.890	1.144	-2.304	-4.612
3911	39.10	-5.285	-4.280	-1.955	1.083	4.177	6.772	8.504	9.200	8.840	7.506
3921	39.20	5.552	2.599	-0.455	-3.450	-5.992	-7.723	-8.391	-7.922	-6.445	-4.279
3931	39.30	-1.873	0.291	1.806	2.434	2.164	1.213	-0.034	-1.137	-1.721	-1.583
3941	39.40	-0.737	0.611	2.135	3.499	4.439	4.808	4.574	3.787	2.548	0.992
3951	39.50	-0.704	-2.321	-3.612	-4.354	-4.418	-3.825	-2.750	-1.472	-0.270	0.679
3961	39.60	1.352	1.856	2.334	2.860	3.366	3.659	3.514	2.798	1.572	0.094
3971	39.70	-1.266	-2.172	-2.459	-2.187	-1.602	-1.014	-0.657	-0.595	-0.719	-0.813
3981	39.80	-0.664	-0.150	0.721	1.831	2.998	4.024	4.722	4.928	4.511	3.430
3991	39.90	1.758	-0.270	-2.280	-3.845	-4.617	-4.460	-3.513	-2.155	-0.866	-0.055

Table 7-7-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.078	-0.414	-1.287	-2.238	-3.028	-3.542	-3.761	-3.693	-3.303	-2.511
4011	40.10	-1.264	0.371	2.148	3.671	4.530	4.465	3.493	1.909	0.166	-1.319
4021	40.20	-2.338	-2.949	-3.380	-3.845	-4.367	-4.706	-4.452	-3.241	-0.988	1.982
4031	40.30	4.985	7.194	7.936	6.937	4.412	0.976	-2.570	-5.488	-7.279	-7.746
4041	40.40	-6.953	-5.151	-2.697	-0.021	2.404	4.115	4.751	4.173	2.554	0.358
4051	40.50	-1.788	-3.314	-3.916	-3.660	-2.913	-2.144	-1.669	-1.491	-1.308	-0.704
4061	40.60	0.586	2.448	4.355	5.537	5.305	3.372	0.034	-3.894	-7.342	-9.358
4071	40.70	-9.420	-7.575	-4.361	-0.575	2.999	5.797	7.550	8.237	7.981	6.957
4081	40.80	5.348	3.363	1.261	-0.646	-2.038	-2.667	-2.429	-1.404	0.168	1.944
4091	40.90	3.563	4.707	5.151	4.783	3.618	1.805	-0.385	-2.598	-4.472	-5.730
4101	41.00	-6.257	-6.121	-5.522	-4.686	-3.755	-2.729	-1.487	0.106	2.076	4.261
4111	41.10	6.331	7.888	8.625	8.435	7.437	5.894	4.083	2.183	0.252	-1.700
4121	41.20	-3.598	-5.219	-6.215	-6.253	-5.200	-3.261	-0.979	0.931	1.869	1.507
4131	41.30	0.098	-1.800	-3.475	-4.373	-4.313	-3.507	-2.411	-1.465	-0.875	-0.541
4141	41.40	-0.153	0.589	1.762	3.126	4.207	4.510	3.774	2.129	0.083	-1.661
4151	41.50	-2.475	-2.063	-0.572	1.456	3.290	4.265	4.009	2.551	0.292	-2.136
4161	41.60	-4.067	-4.979	-4.623	-3.056	-0.600	2.248	4.941	6.989	8.041	7.928
4171	41.70	6.665	4.429	1.528	-1.636	-4.610	-6.938	-8.233	-8.257	-6.996	-4.699
4181	41.80	-1.841	0.980	3.209	4.495	4.780	4.294	3.431	2.578	1.955	1.550
4191	41.90	1.173	0.604	-0.258	-1.296	-2.213	-2.667	-2.458	-1.653	-0.595	0.228
4201	42.00	0.393	-0.258	-1.535	-2.962	-3.962	-4.095	-3.226	-1.578	0.363	2.031
4211	42.10	2.977	2.998	2.174	0.801	-0.713	-1.986	-2.635	-2.528	-1.599	0.038
4221	42.20	2.107	4.198	5.826	6.543	6.069	4.401	1.849	-1.026	-3.567	-5.216
4231	42.30	-5.685	-5.026	-3.598	-1.927	-0.516	0.305	0.460	0.104	-0.476	-0.989
4241	42.40	-1.242	-1.179	-0.860	-0.396	0.121	0.650	1.203	1.791	2.384	2.876
4251	42.50	3.103	2.897	2.163	0.945	-0.562	-2.045	-3.165	-3.661	-3.433	-2.574
4261	42.60	-1.336	-0.041	1.015	1.650	1.828	1.635	1.220	0.729	0.258	-0.155
4271	42.70	-0.513	-0.817	-1.047	-1.162	-1.121	-0.915	-0.586	-0.217	0.095	0.289
4281	42.80	0.365	0.396	0.497	0.781	1.306	2.039	2.858	3.571	3.969	3.884
4291	42.90	3.234	2.060	0.528	-1.100	-2.521	-3.463	-3.761	-3.405	-2.542	-1.434
4301	43.00	-0.372	0.421	0.856	0.987	0.961	0.932	0.965	1.003	0.894	0.475
4311	43.10	-0.319	-1.386	-2.467	-3.225	-3.384	-2.841	-1.718	-0.323	0.966	1.860
4321	43.20	2.154	1.944	1.370	0.617	-0.185	-0.987	-1.781	-2.525	-3.104	-3.330
4331	43.30	-3.031	-2.156	-0.853	0.531	1.561	1.877	1.357	0.186	-1.194	-2.246
4341	43.40	-2.555	-1.991	-0.760	0.681	1.814	2.265	1.943	1.060	0.031	-0.701
4351	43.50	-0.834	-0.317	0.655	1.721	2.492	2.686	2.207	1.166	-0.164	-1.432
4361	43.60	-2.313	-2.595	-2.239	-1.388	-0.328	0.599	1.104	1.049	0.500	-0.298
4371	43.70	-1.010	-1.367	-1.182	-0.607	0.102	0.600	0.621	0.096	-0.808	-1.745
4381	43.80	-2.324	-2.257	-1.460	-0.084	1.548	3.049	4.085	4.460	4.139	3.230
4391	43.90	1.937	0.502	-0.841	-1.905	-2.583	-2.865	-2.832	-2.624	-2.381	-2.172
4401	44.00	-1.956	-1.583	-0.862	0.327	1.939	3.721	5.267	6.147	6.070	5.011
4411	44.10	3.237	1.220	-0.525	-1.623	-1.942	-1.611	-0.920	-0.186	0.364	0.649
4421	44.20	0.709	0.627	0.468	0.251	-0.024	-0.328	-0.567	-0.596	-0.286	0.400
4431	44.30	1.361	2.373	3.168	3.543	3.437	2.944	2.242	1.497	0.770	0.001
4441	44.40	-0.940	-2.139	-3.544	-4.936	-5.985	-6.379	-5.951	-4.765	-3.090	-1.303
4451	44.50	0.256	1.388	2.072	2.407	2.512	2.431	2.102	1.405	0.261	-1.268
4461	44.60	-2.941	-4.380	-5.191	-5.109	-4.100	-2.390	-0.392	1.419	2.661	3.147
4471	44.70	2.920	2.212	1.349	0.638	0.286	0.346	0.724	1.215	1.569	1.565
4481	44.80	1.072	0.097	-1.196	-2.519	-3.516	-3.867	-3.385	-2.099	-0.273	1.644
4491	44.90	3.142	3.796	3.422	2.143	0.376	-1.292	-2.296	-2.279	-1.222	0.537

Table 7-7-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	2.423	3.813	4.259	3.642	2.204	0.454	-1.032	-1.825	-1.795	-1.144
4511	45.10	-0.301	0.270	0.270	-0.302	-1.150	-1.799	-1.795	-0.890	0.838	3.000
4521	45.20	5.018	6.316	6.503	5.492	3.511	1.030	-1.385	-3.218	-4.132	-4.023
4531	45.30	-3.031	-1.484	0.185	1.546	2.269	2.198	1.389	0.086	-1.352	-2.557
4541	45.40	-3.262	-3.372	-2.973	-2.279	-1.525	-0.874	-0.362	0.088	0.589	1.190
4551	45.50	1.804	2.211	2.132	1.359	-0.119	-2.055	-3.977	-5.317	-5.592	-4.565
4561	45.60	-2.342	0.644	3.752	6.298	7.738	7.789	6.482	4.123	1.208	-1.703
4571	45.70	-4.104	-5.637	-6.155	-5.731	-4.631	-3.237	-1.949	-1.077	-0.762	-0.946
4581	45.80	-1.408	-1.850	-2.006	-1.740	-1.081	-0.201	0.665	1.311	1.632	1.646
4591	45.90	1.453	1.173	0.878	0.568	0.190	-0.311	-0.933	-1.595	-2.153	-2.445
4601	46.00	-2.362	-1.881	-1.071	-0.058	1.024	2.065	2.996	3.761	4.301	4.537
4611	46.10	4.392	3.831	2.902	1.748	0.572	-0.427	-1.125	-1.518	-1.706	-1.832
4621	46.20	-1.994	-2.186	-2.296	-2.168	-1.697	-0.915	-0.017	0.698	0.942	0.574
4631	46.30	-0.319	-1.427	-2.315	-2.583	-2.013	-0.663	1.149	2.945	4.246	4.724
4641	46.40	4.300	3.151	1.642	0.200	-0.819	-1.235	-1.082	-0.584	-0.064	0.165
4651	46.50	-0.085	-0.816	-1.842	-2.849	-3.504	-3.563	-2.950	-1.775	-0.283	1.225
4661	46.60	2.481	3.303	3.612	3.402	2.715	1.637	0.309	-1.043	-2.113	-2.564
4671	46.70	-2.139	-0.782	1.282	3.553	5.388	6.197	5.656	3.831	1.162	-1.683
4681	46.80	-4.039	-5.453	-5.797	-5.241	-4.124	-2.787	-1.443	-0.158	1.093	2.318
4691	46.90	3.430	4.246	4.556	4.234	3.322	2.036	0.696	-0.394	-1.055	-1.288
4701	47.00	-1.242	-1.128	-1.119	-1.275	-1.538	-1.775	-1.850	-1.690	-1.316	-0.835
4711	47.10	-0.401	-0.165	-0.222	-0.582	-1.155	-1.760	-2.174	-2.199	-1.735	-0.843
4721	47.20	0.252	1.224	1.761	1.698	1.106	0.284	-0.345	-0.609	0.245	1.470
4731	47.30	2.852	3.872	4.098	3.350	1.760	-0.296	-2.346	-3.975	-4.924	-5.105
4741	47.40	-4.548	-3.342	-1.605	0.490	2.670	4.550	5.696	5.758	4.631	2.545
4751	47.50	0.039	-2.202	-3.587	-3.837	-3.079	-1.774	-0.509	0.255	0.358	-0.024
4761	47.60	-0.504	-0.690	-0.372	0.393	1.330	2.099	2.454	2.345	1.898	1.326
4771	47.70	0.792	0.330	-0.154	-0.797	-1.670	-2.694	-3.641	-4.204	-4.126	-3.310
4781	47.80	-1.867	-0.098	1.600	2.850	3.394	3.149	2.214	0.826	-0.703	-2.053
4791	47.90	-2.962	-3.267	-2.927	-2.022	-0.725	0.735	2.125	3.250	3.973	4.231
4801	48.00	4.026	3.419	2.520	1.473	0.434	-0.460	-1.131	-1.587	-1.915	-2.244
4811	48.10	-2.670	-3.188	-3.657	-3.836	-3.473	-2.436	-0.810	1.082	2.754	3.723
4821	48.20	3.680	2.613	0.827	-1.164	-2.814	-3.735	-3.788	-3.110	-2.007	-0.818
4831	48.30	0.206	0.955	1.437	1.702	1.774	1.622	1.193	0.479	-0.427	-1.319
4841	48.40	-1.925	-2.011	-1.474	-0.401	0.951	2.241	3.161	3.541	3.397	2.909
4851	48.50	2.336	1.912	1.760	1.859	2.064	2.178	2.030	1.547	0.774	-0.142
4861	48.60	-1.011	-1.669	-2.034	-2.133	-2.079	-2.018	-2.054	-2.195	-2.325	-2.241
4871	48.70	-1.729	-0.662	0.912	2.750	4.452	5.576	5.779	4.938	3.202	0.956
4881	48.80	-1.297	-3.094	-4.140	-4.380	-3.972	-3.196	-2.330	-1.563	-0.961	-0.500
4891	48.90	-0.139	0.121	0.218	0.074	-0.339	-0.939	-1.522	-1.829	-1.640	-0.892
4901	49.00	0.284	1.581	2.633	3.146	3.007	2.319	1.343	0.385	-0.316	-0.664
4911	49.10	-0.701	-0.549	-0.325	-0.096	0.124	0.334	0.495	0.512	0.274	-0.275
4921	49.20	-1.067	-1.889	-2.443	-2.468	-1.865	-0.775	0.454	1.384	1.672	1.211
4931	49.30	0.190	-0.979	-1.825	-2.011	-1.475	-0.435	0.693	1.469	1.607	1.070
4941	49.40	0.067	-1.044	-1.900	-2.256	-2.051	-1.389	-0.467	0.510	1.399	2.133
4951	49.50	2.699	3.094	3.285	3.209	2.793	2.005	0.892	-0.400	-1.646	-2.598
4961	49.60	-3.058	-2.934	-2.275	-1.251	-0.101	0.942	1.724	2.196	2.411	2.466
4971	49.70	2.441	2.346	2.105	1.597	0.717	-0.555	-2.110	-3.724	-5.102	-5.960
4981	49.80	-6.095	-5.436	-4.047	-2.107	0.121	2.334	4.218	5.483	5.909	5.393
4991	49.90	3.997	1.962	-0.320	-2.391	-3.844	-4.433	-4.144	-3.190	-1.933	-0.765

Table 7-7-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.012	0.265	0.044	-0.468	-1.023	-1.391	-1.406	-0.992	-0.160	0.994
5011	50.10	2.300	3.530	4.422	4.733	4.304	3.117	1.326	-0.768	-2.780	-4.339
5021	50.20	-5.171	-5.157	-4.331	-2.855	-0.959	1.089	3.018	4.559	5.470	5.565
5031	50.30	4.767	3.161	1.005	-1.299	-3.295	-4.586	-4.944	-4.356	-3.021	-1.268
5041	50.40	0.540	2.097	3.206	3.780	3.814	3.358	2.494	1.337	0.046	-1.187
5051	50.50	-2.158	-2.704	-2.750	-2.335	-1.598	-0.732	0.083	0.730	1.160	1.471
5061	50.60	1.661	1.789	1.849	1.793	1.563	1.126	0.508	-0.232	-0.992	-1.670
5071	50.70	-2.181	-2.469	-2.506	-2.292	-1.853	-1.247	-0.564	0.088	0.614	0.964
5081	50.80	1.156	1.279	1.652	1.769	2.238	2.749	3.101	3.066	2.483	1.339
5091	50.90	-0.199	-1.817	-3.142	-3.861	-3.810	-3.024	-1.712	-0.184	1.244	2.331
5101	51.00	2.956	3.114	2.883	2.369	1.675	0.880	0.045	-0.771	-1.502	-2.067
5111	51.10	-2.396	-2.446	-2.226	-1.803	-1.294	-0.839	-0.556	-0.507	-0.671	-0.945
5121	51.20	-1.164	-1.152	-0.782	-0.016	1.060	2.256	3.318	3.997	4.124	3.652
5131	51.30	2.677	1.404	0.093	-1.018	-1.768	-2.109	-2.097	-1.855	-1.519	-1.181
5141	51.40	-0.864	-0.523	-0.077	0.531	1.281	2.056	2.648	2.818	2.379	1.281
5151	51.50	-0.350	-2.216	-3.929	-5.115	-5.532	-5.135	-4.075	-2.635	-1.124	0.219
5161	51.60	1.272	2.015	2.474	2.655	2.515	1.989	1.059	-0.174	-1.470	-2.492
5171	51.70	-2.926	-2.611	-1.621	-0.265	1.022	1.846	2.007	1.574	0.853	0.242
5181	51.80	0.064	0.429	1.193	2.026	2.547	2.472	1.710	0.382	-1.240	-2.820
5191	51.90	-4.047	-4.693	-4.629	-3.836	-2.401	-0.518	1.522	3.371	4.699	5.277
5201	52.00	5.059	4.197	2.992	1.783	0.832	0.242	-0.050	-0.205	-0.385	-0.670
5211	52.10	-1.041	-1.421	-1.752	-2.056	-2.421	-2.937	-3.595	-4.227	-4.530	-4.180
5221	52.20	-2.996	-1.069	1.207	3.248	4.483	4.589	3.623	2.019	0.423	-0.557
5231	52.30	-0.585	0.289	1.657	2.935	3.593	3.345	2.234	0.581	-1.154	-2.546
5241	52.40	-3.339	-3.484	-3.116	-2.457	-1.730	-1.095	-0.622	-0.304	-0.090	0.091
5251	52.50	0.309	0.615	1.032	1.543	2.089	2.576	2.893	2.953	2.717	2.217
5261	52.60	1.562	0.813	0.141	-0.411	-0.861	-1.196	-1.547	-1.946	-2.406	-2.889
5271	52.70	-3.320	-3.607	-3.674	-3.477	-3.015	-2.332	-1.505	-0.636	0.164	0.795
5281	52.80	1.179	1.278	1.101	0.707	0.188	-0.348	-0.805	-1.119	-1.267	-1.268
5291	52.90	-1.165	-1.006	-0.826	-0.633	-0.406	-0.105	0.307	0.846	1.485	2.146
5301	53.00	2.707	3.026	2.989	2.552	1.781	0.859	0.049	-0.371	-0.212	0.553
5311	53.10	1.742	3.006	3.927	4.164	3.585	2.336	0.809	-0.490	-1.124	-0.899
5321	53.20	0.051	1.302	2.292	2.539	1.823	0.281	-1.642	-3.365	-4.386	-4.462
5331	53.30	-3.682	-2.412	-1.124	-0.215	0.139	0.021	-0.307	-0.539	-0.471	-0.085
5341	53.40	0.462	0.920	1.067	0.795	0.155	-0.683	-1.505	-2.123	-2.432	-2.406
5351	53.50	-2.073	-1.480	-0.676	0.277	1.280	2.184	2.801	2.955	2.544	1.603
5361	53.60	0.309	-1.050	-2.164	-2.789	-2.818	-2.296	-1.383	-0.286	0.815	1.800
5371	53.70	2.610	3.210	3.552	3.568	3.189	2.396	1.272	0.005	-1.143	-1.921
5381	53.80	-2.175	-1.907	-1.275	-0.525	0.105	0.472	0.566	0.491	0.391	0.373
5391	53.90	0.454	0.569	0.617	0.530	0.313	0.040	-0.185	-0.292	-0.281	-0.219
5401	54.00	-0.188	-0.232	-0.319	-0.350	-0.217	0.132	0.644	1.176	1.550	1.635
5411	54.10	1.408	0.956	0.429	-0.045	-0.419	-0.738	-1.089	-1.530	-2.026	-2.455
5421	54.20	-2.660	-2.545	-2.146	-1.623	-1.190	-0.997	-1.025	-1.077	-0.853	-0.106
5431	54.30	1.205	2.842	4.336	5.149	4.883	3.440	1.086	-1.635	-4.075	-5.683
5441	54.40	-6.151	-5.469	-3.877	-1.755	0.484	2.480	3.965	4.768	4.818	4.146
5451	54.50	2.893	1.297	-0.341	-1.726	-2.643	-3.006	-2.868	-2.372	-1.695	-0.978
5461	54.60	-0.307	0.273	0.725	0.990	0.991	0.680	0.083	-0.663	-1.334	-1.686
5471	54.70	-1.557	-0.935	0.020	1.033	1.822	2.197	2.126	1.720	1.162	0.609
5481	54.80	0.128	-0.314	-0.794	-1.350	-1.919	-2.329	-2.362	-1.862	-0.827	0.553
5491	54.90	1.932	2.928	3.254	2.824	1.781	0.435	-0.847	-1.773	-2.210	-2.191

Table 7-7-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.860	-1.383	-0.865	-0.327	0.272	0.957	1.680	2.295	2.596	2.403
5511	55.10	1.657	0.476	-0.861	-2.001	-2.637	-2.618	-2.001	-1.017	0.019	0.826
5521	55.20	1.241	1.269	0.948	0.476	-0.048	-0.555	-1.010	-1.371	-1.562	-1.479
5531	55.30	-1.042	-0.251	0.766	1.766	2.466	2.639	2.209	1.282	0.105	-1.026
5541	55.40	-1.879	-2.355	-2.491	-2.402	-2.158	-1.912	-1.487	-0.827	0.129	1.336
5551	55.50	2.623	3.738	4.425	4.517	3.987	2.946	1.599	0.171	-1.152	-2.245
5561	55.60	-3.042	-3.516	-3.662	-3.492	-3.047	-2.402	-1.657	-0.911	-0.225	0.396
5571	55.70	0.991	1.603	2.229	2.784	3.109	3.032	2.445	1.383	0.043	-1.253
5581	55.80	-2.163	-2.434	-1.997	-0.987	0.301	1.519	2.370	2.695	2.493	1.892
5591	55.90	1.078	0.227	-0.535	-1.153	-1.621	-1.957	-2.184	-2.319	-2.370	-2.340
5601	56.00	-2.227	-2.017	-1.691	-1.233	-0.652	-0.004	0.608	1.049	1.200	1.011
5611	56.10	0.533	-0.078	-0.612	-0.879	-0.787	-0.389	0.136	0.549	0.648	0.353
5621	56.20	-0.253	-0.956	-1.483	-1.608	-1.225	-0.378	0.762	1.962	2.999	3.708
5631	56.30	3.997	3.838	3.241	2.248	0.932	-0.581	-2.103	-3.403	-4.247	-4.460
5641	56.40	-3.985	-2.906	-1.430	0.166	1.612	2.710	3.364	3.573	3.401	2.935
5651	56.50	2.253	1.426	0.520	-0.380	-1.170	-1.741	-2.007	-1.933	-1.553	-0.956
5661	56.60	-0.261	0.423	1.026	1.519	1.903	2.173	2.296	2.209	1.839	1.148
5671	56.70	0.181	-0.917	-1.920	-2.575	-2.686	-2.193	-1.203	0.026	1.157	1.883
5681	56.80	2.017	1.553	0.653	-0.419	-1.384	-2.038	-2.287	-2.139	-1.659	-0.921
5691	56.90	0.019	1.106	2.248	3.283	3.983	4.116	3.538	2.282	0.594	-1.117
5701	57.00	-2.407	-2.956	-2.685	-1.794	-0.676	0.238	0.657	0.536	0.080	-0.364
5711	57.10	-0.476	-0.114	0.629	1.464	2.044	2.118	1.640	0.779	-0.158	-0.872
5721	57.20	-1.187	-1.116	-0.833	-0.578	-0.544	-0.797	-1.261	-1.765	-2.129	-2.239
5731	57.30	-2.084	-1.741	-1.321	-0.915	-0.552	-0.198	0.208	0.710	1.304	1.923
5741	57.40	2.460	2.813	2.915	2.763	2.411	1.942	1.430	0.915	0.393	-0.167
5751	57.50	-0.787	-1.448	-2.073	-2.536	-2.702	-2.477	-1.852	-0.920	0.149	1.157
5761	57.60	1.935	2.392	2.524	2.389	2.060	1.586	0.972	0.203	-0.714	-1.707
5771	57.70	-2.626	-3.270	-3.460	-3.111	-2.288	-1.209	-0.182	0.494	0.625	0.193
5781	57.80	-0.648	-1.622	-2.430	-2.845	-2.771	-2.258	-1.460	-0.576	0.220	0.817
5791	57.90	1.186	1.351	1.365	1.269	1.077	0.773	0.333	-0.245	-0.919	-1.589
5801	58.00	-2.112	-2.335	-2.148	-1.524	-0.545	0.617	1.737	2.600	3.061	3.067
5811	58.10	2.664	1.959	1.082	0.155	-0.719	-1.447	-1.941	-2.118	-1.932	-1.408
5821	58.20	-0.664	0.094	0.636	0.788	0.512	-0.065	-0.687	-1.072	-1.027	-0.534
5831	58.30	0.238	1.009	1.512	1.605	1.331	0.874	0.461	0.239	0.205	0.217
5841	58.40	0.089	-0.291	-0.868	-1.423	-1.659	-1.345	-0.440	0.863	2.191	3.136
5851	58.50	3.409	2.949	1.938	0.709	-0.385	-1.100	-1.368	-1.279	-1.011	-0.733
5861	58.60	-0.547	-0.470	-0.466	-0.493	-0.535	-0.609	-0.744	-0.952	-1.211	-1.467
5871	58.70	-1.660	-1.738	-1.679	-1.479	-1.145	-0.688	-0.128	0.496	1.115	1.636
5881	58.80	1.974	2.083	1.987	1.779	1.581	1.495	1.547	1.679	1.769	1.693
5891	58.90	1.392	0.898	0.330	-0.165	-0.475	-0.577	-0.535	-0.466	-0.478	-0.617
5901	59.00	-0.859	-1.127	-1.341	-1.458	-1.481	-1.433	-1.323	-1.113	-0.730	-0.105
5911	59.10	0.765	1.777	2.728	3.371	3.507	3.059	2.118	0.906	-0.298	-1.254
5921	59.20	-1.837	-2.043	-1.961	-1.697	-1.315	-0.818	-0.181	0.598	1.432	2.142
5931	59.30	2.496	2.297	1.478	0.164	-1.347	-2.659	-3.406	-3.379	-2.596	-1.292
5941	59.40	0.164	1.400	2.162	2.382	2.178	1.775	1.396	1.173	1.103	1.072
5951	59.50	0.929	0.574	0.018	-0.616	-1.143	-1.400	-1.322	-0.973	-0.517	-0.154
5961	59.60	-0.034	-0.196	-0.558	-0.958	-1.216	-1.205	-0.896	-0.353	0.290	0.878
5971	59.70	1.277	1.400	1.221	0.773	0.142	-0.542	-1.134	-1.506	-1.583	-1.383
5981	59.80	-1.016	-0.658	-0.487	-0.610	-1.014	-1.555	-2.008	-2.154	-1.857	-1.126
5991	59.90	-0.099	1.005	1.969	2.646	2.986	3.020	2.822	2.463	1.998	1.474

Table 7-7-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.954	0.526	0.287	0.300	0.553	0.935	1.261	1.337	1.041	0.380
6011	60.10	-0.500	-1.366	-1.980	-2.181	-1.940	-1.343	-0.572	0.209	0.859	1.308
6021	60.20	1.539	1.569	1.427	1.152	0.786	0.386	0.005	-0.324	-0.607	-0.891
6031	60.30	-1.233	-1.659	-2.120	-2.486	-2.582	-2.258	-1.471	-0.329	0.922	1.968
6041	60.40	2.535	2.479	1.835	0.788	-0.393	-1.454	-2.219	-2.621	-2.673	-2.434
6051	60.50	-1.969	-1.338	-0.607	0.134	0.767	1.168	1.247	0.987	0.459	-0.196
6061	60.60	-0.811	-1.243	-1.409	-1.289	-0.911	-0.328	0.401	1.198	1.954	2.520
6071	60.70	2.728	2.439	1.613	0.346	-1.115	-2.440	-3.303	-3.496	-2.996	-1.972
6081	60.80	-0.725	0.416	1.194	1.497	1.359	0.924	0.369	-0.156	-0.565	-0.834
6091	60.90	-0.979	-1.024	-0.984	-0.865	-0.670	-0.415	-0.127	0.163	0.436	0.688
6101	61.00	0.924	1.147	1.336	1.447	1.426	1.233	0.881	0.442	0.041	-0.188
6111	61.10	-0.157	0.132	0.573	0.978	1.139	0.906	0.244	-0.737	-1.810	-2.698
6121	61.20	-3.150	-3.025	-2.321	-1.176	0.179	1.489	2.534	3.173	3.360	3.129
6131	61.30	2.570	1.792	0.907	0.009	-0.828	-1.554	-2.142	-2.589	-2.903	-3.100
6141	61.40	-3.186	-3.146	-2.940	-2.511	-1.810	-0.821	0.412	1.775	3.092	4.154
6151	61.50	4.765	4.789	4.180	3.003	1.424	-0.321	-1.966	-3.270	-4.051	-4.219
6161	61.60	-3.779	-2.825	-1.524	-0.082	1.282	2.368	3.024	3.177	2.846	2.151
6171	61.70	1.297	0.521	0.040	-0.026	0.302	0.857	1.364	1.534	1.166	0.225
6181	61.80	-1.121	-2.547	-3.666	-4.151	-3.838	-2.775	-1.194	0.566	2.165	3.355
6191	61.90	4.023	4.189	3.959	3.471	2.848	2.170	1.484	0.812	0.170	-0.422
6201	62.00	-0.938	-1.348	-1.621	-1.727	-1.643	-1.372	-0.950	-0.458	-0.010	0.280
6211	62.10	0.340	0.182	-0.091	-0.308	-0.300	0.031	0.659	1.430	2.119	2.514
6221	62.20	2.509	2.144	1.585	1.043	0.681	0.534	0.500	0.396	0.054	-0.575
6231	62.30	-1.382	-2.128	-2.534	-2.406	-1.723	-0.664	0.453	1.282	1.580	1.288
6241	62.40	0.551	-0.351	-1.110	-1.508	-1.489	-1.166	-0.767	-0.535	-0.640	-1.112
6251	62.50	-1.842	-2.619	-3.208	-3.423	-3.175	-2.489	-1.485	-0.346	0.728	1.547
6261	62.60	1.958	1.867	1.261	0.224	-1.054	-2.297	-3.196	-3.491	-3.051	-1.931
6271	62.70	-0.376	1.248	2.559	3.285	3.343	2.852	2.068	1.274	0.665	0.292
6281	62.80	0.070	-0.144	-0.451	-0.847	-1.209	-1.368	-1.199	-0.707	-0.049	0.518
6291	62.90	0.752	0.532	-0.077	-0.838	-1.442	-1.629	-1.297	-0.539	0.402	1.236
6301	63.00	1.740	1.838	1.607	1.231	0.901	0.746	0.781	0.930	1.067	1.086
6311	63.10	0.944	0.671	0.350	0.080	-0.065	-0.058	0.083	0.301	0.524	0.679
6321	63.20	0.709	0.577	0.272	-0.182	-0.733	-1.304	-1.802	-2.145	-2.272	-2.160
6331	63.30	-1.828	-1.331	-0.751	-0.186	0.276	0.565	0.648	0.542	0.309	0.048
6341	63.40	-0.135	-0.166	-0.028	0.225	0.487	0.646	0.635	0.469	0.258	0.156
6351	63.50	0.300	0.732	1.359	1.971	2.313	2.187	1.550	0.550	-0.509	-1.273
6361	63.60	-1.475	-1.040	-0.126	0.930	1.733	1.982	1.578	0.659	-0.459	-1.410
6371	63.70	-1.914	-1.879	-1.418	-0.795	-0.307	-0.170	-0.440	-1.002	-1.626	-2.063
6381	63.80	-2.130	-1.774	-1.076	-0.206	0.642	1.318	1.759	1.991	2.102	2.190
6391	63.90	2.315	2.465	2.553	2.447	2.020	1.211	0.066	-1.255	-2.502	-3.412
6401	64.00	-3.782	-3.544	-2.788	-1.743	-0.697	0.095	0.495	0.523	0.333	0.137
6411	64.10	0.113	0.325	0.692	1.027	1.111	0.797	0.080	-0.888	-1.842	-2.495
6421	64.20	-2.636	-2.211	-1.338	-0.269	0.693	1.293	1.399	1.037	0.368	-0.375
6431	64.30	-0.965	-1.257	-1.216	-0.918	-0.507	-0.133	0.096	0.153	0.082	-0.033
6441	64.40	-0.104	-0.086	0.009	0.122	0.176	0.114	-0.071	-0.325	-0.554	-0.650
6451	64.50	-0.531	-0.172	0.390	1.058	1.709	2.221	2.501	2.507	2.246	1.774
6461	64.60	1.178	0.553	-0.006	-0.436	-0.676	-0.739	-0.645	-0.448	-0.213	-0.002
6471	64.70	0.146	0.226	0.266	0.317	0.429	0.625	0.884	1.136	1.287	1.257
6481	64.80	1.020	0.629	0.208	-0.093	-0.162	0.018	0.345	0.626	0.654	0.298
6491	64.90	-0.423	-1.331	-2.137	-2.551	-2.398	-1.686	-0.612	0.511	1.374	1.773

Table 7-7-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	1.672	1.187	0.514	-0.155	-0.695	-1.066	-1.275	-1.334	-1.226	-0.915
6511	65.10	-0.388	0.302	1.014	1.558	1.762	1.553	1.003	0.312	-0.270	-0.566
6521	65.20	-0.454	-0.084	0.366	0.686	0.742	0.527	0.145	-0.252	-0.543	-0.685
6531	65.30	-0.715	-0.715	-0.748	-0.830	-0.922	-0.970	-0.942	-0.857	-0.769	-0.733
6541	65.40	-0.764	-0.814	-0.797	-0.628	-0.277	0.207	0.711	1.105	1.300	1.281
6551	65.50	1.108	0.875	0.663	0.503	0.375	0.239	0.072	-0.098	-0.198	-0.148
6561	65.60	0.099	0.520	1.017	1.455	1.706	1.693	1.411	0.922	0.317	-0.308
6571	65.70	-0.879	-1.346	-1.679	-1.866	-1.908	-1.827	-1.670	-1.492	-1.342	-1.233
6581	65.80	-1.135	-0.985	-0.720	-0.323	0.152	0.591	0.856	0.852	0.576	0.133
6591	65.90	-0.296	-0.528	-0.449	-0.069	0.486	1.017	1.332	1.315	0.964	0.382
6601	66.00	-0.272	-0.837	-1.197	-1.302	-1.166	-0.844	-0.412	0.048	0.461	0.768
6611	66.10	0.939	0.990	0.978	0.989	1.103	1.348	1.672	1.948	2.013	1.740
6621	66.20	1.100	0.196	-0.759	-1.514	-1.869	-1.753	-1.246	-0.537	0.151	0.658
6631	66.30	0.933	1.038	1.087	1.173	1.308	1.412	1.356	1.045	0.479	-0.218
6641	66.40	-0.839	-1.180	-1.127	-0.719	-0.141	0.349	0.518	0.258	-0.376	-1.187
6651	66.50	-1.918	-2.352	-2.384	-2.052	-1.496	-0.889	-0.374	-0.012	0.206	0.328
6661	66.60	0.389	0.388	0.288	0.049	-0.330	-0.789	-1.215	-1.483	-1.508	-1.282
6671	66.70	-0.883	-0.438	-0.075	0.131	0.180	0.138	0.087	0.088	0.143	0.203
6681	66.80	0.201	0.090	-0.126	-0.388	-0.618	-0.752	-0.778	-0.735	-0.689	-0.686
6691	66.90	-0.722	-0.729	-0.608	-0.278	0.271	0.957	1.618	2.061	2.136	1.786
6701	67.00	1.069	0.148	-0.765	-1.464	-1.801	-1.716	-1.246	-0.506	0.330	1.073
6711	67.10	1.548	1.642	1.328	0.683	-0.129	-0.898	-1.434	-1.631	-1.497	-1.152
6721	67.20	-0.773	-0.520	-0.472	-0.601	-0.792	-0.900	-0.821	-0.528	-0.073	0.451
6731	67.30	0.964	1.433	1.863	2.265	2.605	2.787	2.672	2.166	1.248	0.066
6741	67.40	-1.115	-1.983	-2.294	-1.975	-1.146	-0.079	0.917	1.609	1.922	1.930
6751	67.50	1.800	1.684	1.646	1.649	1.590	1.388	1.036	0.627	0.300	0.165
6761	67.60	0.239	0.420	0.539	0.444	0.084	-0.454	-0.967	-1.231	-1.096	-0.560
6771	67.70	0.224	1.002	1.518	1.606	1.238	0.530	-0.316	-1.083	-1.601	-1.789
6781	67.80	-1.661	-1.305	-0.850	-0.430	-0.153	-0.069	-0.162	-0.350	-0.515	-0.544
6791	67.90	-0.379	-0.044	0.351	0.654	0.735	0.543	0.137	-0.333	-0.685	-0.786
6801	68.00	-0.601	-0.208	0.248	0.619	0.820	0.854	0.790	0.713	0.669	0.639
6811	68.10	0.554	0.342	-0.019	-0.476	-0.919	-1.228	-1.327	-1.217	-0.971	-0.687
6821	68.20	-0.442	-0.258	-0.097	0.096	0.354	0.657	0.931	1.090	1.073	0.880
6831	68.30	0.567	0.218	-0.103	-0.377	-0.628	-0.893	-1.178	-1.434	-1.568	-1.481
6841	68.40	-1.127	-0.549	0.124	0.715	1.076	1.137	0.941	0.614	0.310	0.147
6851	68.50	0.161	0.302	0.472	0.573	0.555	0.434	0.278	0.163	0.142	0.210
6861	68.60	0.309	0.348	0.241	-0.057	-0.527	-1.086	-1.597	-1.908	-1.894	-1.497
6871	68.70	-0.756	0.194	1.147	1.882	2.225	2.102	1.566	0.776	-0.059	-0.747
6881	68.80	-1.170	-1.317	-1.261	-1.116	-0.983	-0.913	-0.890	-0.860	-0.758	-0.550
6891	68.90	-0.239	0.134	0.513	0.844	1.094	1.248	1.305	1.270	1.157	0.985
6901	69.00	0.775	0.550	0.319	0.069	-0.223	-0.583	-1.004	-1.432	-1.764	-1.873
6911	69.10	-1.659	-1.100	-0.275	0.639	1.421	1.878	1.911	1.543	0.907	0.194
6921	69.20	-0.419	-0.824	-1.006	-1.030	-1.002	-1.011	-1.103	-1.261	-1.424	-1.507
6931	69.30	-1.445	-1.207	-0.819	-0.354	0.081	0.383	0.481	0.364	0.094	-0.214
6941	69.40	-0.427	-0.444	-0.239	0.127	0.525	0.806	0.859	0.650	0.227	-0.302
6951	69.50	-0.823	-1.247	-1.534	-1.679	-1.684	-1.541	-1.229	-0.743	-0.121	0.541
6961	69.60	1.108	1.457	1.532	1.374	1.112	0.904	0.858	0.982	1.174	1.279
6971	69.70	1.169	0.811	0.294	-0.219	-0.568	-0.678	-0.590	-0.435	-0.352	-0.409
6981	69.80	-0.559	-0.670	-0.596	-0.272	0.237	0.752	1.058	1.007	0.588	-0.062
6991	69.90	-0.719	-1.167	-1.283	-1.066	-0.614	-0.058	0.504	1.031	1.521	1.964

Table 7-7-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	2.305	2.445	2.282	1.775	0.987	0.088	-0.701	-1.185	-1.279	-1.031
7011	70.10	-0.595	-0.171	0.081	0.088	-0.130	-0.486	-0.874	-1.200	-1.399	-1.429
7021	70.20	-1.266	-0.904	-0.377	0.236	0.812	1.216	1.352	1.204	0.851	0.435
7031	70.30	0.096	-0.091	-0.147	-0.177	-0.300	-0.575	-0.952	-1.282	-1.385	-1.140
7041	70.40	-0.552	0.226	0.958	1.414	1.473	1.163	0.651	0.154	-0.148	-0.191
7051	70.50	-0.032	0.189	0.329	0.307	0.142	-0.075	-0.227	-0.233	-0.082	0.167
7061	70.60	0.420	0.591	0.633	0.569	0.377	0.172	-0.024	-0.178	-0.269	-0.274
7071	70.70	-0.167	0.072	0.442	0.908	1.395	1.805	2.044	2.050	1.813	1.381
7081	70.80	0.839	0.284	-0.199	-0.561	-0.790	-0.901	-0.921	-0.871	-0.765	-0.605
7091	70.90	-0.393	-0.136	0.148	0.433	0.695	0.918	1.098	1.238	1.339	1.388
7101	71.00	1.357	1.210	0.919	0.484	-0.048	-0.594	-1.046	-1.310	-1.334	-1.133
7111	71.10	-0.782	-0.396	-0.086	0.071	0.062	-0.074	-0.263	-0.432	-0.537	-0.577
7121	71.20	-0.586	-0.611	-0.689	-0.825	-0.992	-1.137	-1.205	-1.152	-0.966	-0.665
7131	71.30	-0.297	0.072	0.371	0.537	0.526	0.324	-0.045	-0.523	-1.019	-1.430
7141	71.40	-1.660	-1.646	-1.374	-0.891	-0.295	0.282	0.714	0.908	0.837	0.551
7151	71.50	0.165	-0.172	-0.325	-0.215	0.147	0.660	1.160	1.472	1.471	1.126
7161	71.60	0.512	-0.215	-0.872	-1.316	-1.490	-1.433	-1.251	-1.067	-0.954	-0.910
7171	71.70	-0.856	-0.689	-0.336	0.190	0.777	1.247	1.426	1.221	0.666	-0.079
7181	71.80	-0.781	-1.224	-1.294	-1.023	-0.571	-0.159	0.028	-0.079	-0.408	-0.771
7191	71.90	-0.956	-0.814	-0.332	0.355	1.016	1.414	1.397	0.957	0.234	-0.538
7201	72.00	-1.111	-1.314	-1.094	-0.533	0.189	0.857	1.282	1.347	1.038	0.437
7211	72.10	-0.301	-0.985	-1.438	-1.539	-1.262	-0.682	0.037	0.687	1.082	1.109
7221	72.20	0.768	0.163	-0.530	-1.134	-1.517	-1.635	-1.524	-1.267	-0.948	-0.616
7231	72.30	-0.274	0.110	0.565	1.093	1.653	2.174	2.578	2.805	2.828	2.655
7241	72.40	2.314	1.840	1.268	0.637	0.002	-0.563	-0.971	-1.140	-1.025	-0.639
7251	72.50	-0.058	0.591	1.165	1.546	1.670	1.543	1.233	0.838	0.459	0.163
7261	72.60	-0.035	-0.164	-0.286	-0.465	-0.736	-1.092	-1.476	-1.804	-1.986	-1.962
7271	72.70	-1.722	-1.306	-0.796	-0.282	0.167	0.520	0.786	1.003	1.201	1.388
7281	72.80	1.529	1.558	1.400	1.004	0.372	-0.421	-1.237	-1.894	-2.220	-2.099
7291	72.90	-1.516	-0.580	0.493	1.431	1.980	1.991	1.470	0.583	-0.394	-1.165
7301	73.00	-1.522	-1.409	-0.936	-0.325	0.184	0.434	0.401	0.190	-0.031	-0.117
7311	73.10	-0.016	0.213	0.441	0.539	0.446	0.201	-0.086	-0.294	-0.355	-0.290
7321	73.20	-0.193	-0.181	-0.325	-0.611	-0.944	-1.192	-1.251	-1.091	-0.769	-0.399
7331	73.30	-0.097	0.068	0.095	0.041	-0.015	-0.017	0.051	0.166	0.286	0.380
7341	73.40	0.441	0.483	0.525	0.575	0.615	0.611	0.525	0.340	0.069	-0.240
7351	73.50	-0.515	-0.679	-0.665	-0.442	-0.024	0.522	1.088	1.542	1.767	1.693
7361	73.60	1.328	0.761	0.136	-0.395	-0.720	-0.810	-0.717	-0.548	-0.411	-0.371
7371	73.70	-0.429	-0.530	-0.607	-0.621	-0.584	-0.550	-0.582	-0.703	-0.872	-0.988
7381	73.80	-0.928	-0.606	-0.016	0.751	1.528	2.128	2.396	2.260	1.742	0.949
7391	73.90	0.035	-0.831	-1.501	-1.865	-1.867	-1.514	-0.871	-0.067	0.734	1.361
7401	74.00	1.680	1.635	1.268	0.707	0.133	-0.281	-0.425	-0.285	0.055	0.450
7411	74.10	0.745	0.839	0.711	0.429	0.112	-0.114	-0.175	-0.070	0.129	0.313
7421	74.20	0.385	0.303	0.095	-0.155	-0.348	-0.419	-0.365	-0.246	-0.151	-0.151
7431	74.30	-0.261	-0.430	-0.567	-0.594	-0.487	-0.302	-0.154	-0.161	-0.387	-0.799
7441	74.40	-1.270	-1.627	-1.719	-1.477	-0.948	-0.270	0.378	0.843	1.042	0.977
7451	74.50	0.716	0.357	-0.009	-0.315	-0.519	-0.593	-0.523	-0.310	0.019	0.399
7461	74.60	0.738	0.942	0.949	0.754	0.415	0.031	-0.299	-0.512	-0.602	-0.608
7471	74.70	-0.584	-0.562	-0.532	-0.448	-0.257	0.059	0.461	0.848	1.098	1.104
7481	74.80	0.827	0.312	-0.322	-0.921	-1.341	-1.494	-1.368	-1.021	-0.556	-0.086
7491	74.90	0.298	0.547	0.655	0.648	0.570	0.457	0.329	0.189	0.032	-0.142

Table 7-7-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.319	-0.464	-0.534	-0.496	-0.350	-0.132	0.086	0.223	0.223	0.080
7511	75.10	-0.153	-0.376	-0.479	-0.383	-0.070	0.400	0.913	1.331	1.536	1.464
7521	75.20	1.126	0.601	0.016	-0.488	-0.793	-0.836	-0.623	-0.233	0.204	0.545
7531	75.30	0.680	0.569	0.260	-0.124	-0.427	-0.517	-0.340	0.065	0.578	1.045
7541	75.40	1.344	1.420	1.302	1.072	0.816	0.580	0.344	0.051	-0.357	-0.886
7551	75.50	-1.462	-1.949	-2.192	-2.088	-1.627	-0.912	-0.125	0.536	0.926	0.991
7561	75.60	0.778	0.401	-0.006	-0.339	-0.549	-0.637	-0.639	-0.597	-0.543	-0.497
7571	75.70	-0.469	-0.472	-0.516	-0.600	-0.700	-0.772	-0.759	-0.624	-0.369	-0.050
7581	75.80	0.238	0.400	0.382	0.209	-0.020	-0.169	-0.122	0.155	0.591	1.034
7591	75.90	1.310	1.300	0.998	0.520	0.052	-0.226	-0.220	0.036	0.402	0.692
7601	76.00	0.767	0.589	0.235	-0.143	-0.396	-0.446	-0.313	-0.100	0.070	0.107
7611	76.10	0.000	-0.193	-0.384	-0.503	-0.529	-0.487	-0.424	-0.364	-0.296	-0.179
7621	76.20	0.023	0.305	0.605	0.824	0.867	0.694	0.337	-0.108	-0.525	-0.826
7631	76.30	-0.983	-1.021	-0.992	-0.930	-0.834	-0.676	-0.436	-0.133	0.161	0.352
7641	76.40	0.369	0.218	-0.013	-0.176	-0.142	0.134	0.582	1.033	1.300	1.267
7651	76.50	0.949	0.491	0.102	-0.038	0.130	0.524	0.956	1.228	1.220	0.946
7661	76.60	0.543	0.198	0.053	0.136	0.346	0.503	0.428	0.030	-0.651	-1.450
7671	76.70	-2.143	-2.516	-2.443	-1.916	-1.042	-0.001	1.004	1.890	2.272	2.381
7681	76.80	2.156	1.680	1.064	0.423	-0.148	-0.583	-0.854	-0.964	-0.934	-0.791
7691	76.90	-0.564	-0.278	0.033	0.327	0.554	0.667	0.639	0.484	0.257	0.050
7701	77.00	-0.040	0.062	0.371	0.832	1.328	1.711	1.849	1.673	1.206	0.565
7711	77.10	-0.071	-0.519	-0.651	-0.448	-0.009	0.474	0.782	0.749	0.326	-0.397
7721	77.20	-1.219	-1.899	-2.242	-2.168	-1.733	-1.102	-0.479	-0.031	0.166	0.143
7731	77.30	0.004	-0.125	-0.155	-0.061	0.115	0.293	0.396	0.380	0.249	0.049
7741	77.40	-0.150	-0.280	-0.296	-0.186	0.020	0.258	0.446	0.502	0.374	0.060
7751	77.50	-0.385	-0.862	-1.257	-1.481	-1.500	-1.344	-1.085	-0.808	-0.567	-0.369
7761	77.60	-0.180	0.038	0.299	0.565	0.756	0.785	0.601	0.218	-0.276	-0.754
7771	77.70	-1.092	-1.220	-1.136	-0.896	-0.583	-0.266	0.026	0.297	0.570	0.852
7781	77.80	1.122	1.322	1.387	1.265	0.946	0.470	-0.077	-0.583	-0.942	-1.075
7791	77.90	-0.951	-0.598	-0.096	0.435	0.870	1.113	1.128	0.950	0.674	0.417
7801	78.00	0.264	0.237	0.278	0.282	0.153	-0.146	-0.558	-0.952	-1.172	-1.116
7811	78.10	-0.784	-0.293	0.164	0.402	0.317	-0.072	-0.627	-1.157	-1.496	-1.567
7821	78.20	-1.406	-1.131	-0.878	-0.741	-0.726	-0.765	-0.751	-0.598	-0.287	0.130
7831	78.30	0.547	0.857	0.993	0.954	0.796	0.601	0.436	0.326	0.247	0.149
7841	78.40	-0.013	-0.251	-0.532	-0.790	-0.957	-0.990	-0.889	-0.686	-0.427	-0.138
7851	78.50	0.184	0.567	1.028	1.543	2.023	2.335	2.342	1.968	1.249	0.335
7861	78.60	-0.550	-1.187	-1.446	-1.332	-0.975	-0.568	-0.271	-0.142	-0.120	-0.065
7871	78.70	0.156	0.584	1.136	1.626	1.852	1.684	1.136	0.360	-0.410	-0.953
7881	78.80	-1.144	-0.989	-0.605	-0.158	0.212	0.429	0.490	0.439	0.326	0.182
7891	78.90	0.024	-0.136	-0.276	-0.360	-0.359	-0.274	-0.143	-0.027	0.017	-0.022
7901	79.00	-0.104	-0.152	-0.098	0.072	0.300	0.480	0.510	0.356	0.077	-0.187
7911	79.10	-0.288	-0.141	0.215	0.624	0.875	0.798	0.342	-0.387	-1.172	-1.762
7921	79.20	-1.980	-1.782	-1.264	-0.607	0.000	0.442	0.699	0.838	0.952	1.102
7931	79.30	1.285	1.426	1.429	1.203	0.726	0.053	-0.693	-1.356	-1.789	-1.897
7941	79.40	-1.664	-1.148	-0.473	0.212	0.767	1.106	1.210	1.128	0.950	0.766
7951	79.50	0.635	0.563	0.511	0.422	0.263	0.047	-0.167	-0.297	-0.278	-0.100
7961	79.60	0.184	0.476	0.670	0.699	0.564	0.332	0.108	-0.004	0.050	0.261
7971	79.70	0.555	0.822	0.952	0.871	0.563	0.076	-0.491	-1.009	-1.357	-1.446
7981	79.80	-1.252	-0.824	-0.273	0.259	0.642	0.799	0.732	0.515	0.267	0.097
7991	79.90	0.058	0.127	0.214	0.201	0.002	-0.394	-0.906	-1.387	-1.676	-1.655

Table 7-7-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-1.303	-0.701	-0.010	0.584	0.938	0.990	0.779	0.423	0.067	-0.164
8011	80.10	-0.217	-0.113	0.065	0.217	0.267	0.198	0.049	-0.103	-0.189	-0.179
8021	80.20	-0.102	-0.029	-0.038	-0.172	-0.411	-0.672	-0.840	-0.817	-0.568	-0.140
8031	80.30	0.351	0.765	0.990	0.980	0.776	0.475	0.194	0.019	-0.024	0.028
8041	80.40	0.102	0.121	0.046	-0.112	-0.295	-0.429	-0.451	-0.340	-0.127	0.118
8051	80.50	0.307	0.368	0.272	0.062	-0.249	-0.510	-0.655	-0.638	-0.469	-0.207
8061	80.60	0.056	0.229	0.255	0.125	-0.119	-0.405	-0.656	-0.816	-0.864	-0.811
8071	80.70	-0.689	-0.537	-0.381	-0.236	-0.105	0.012	0.112	0.191	0.242	0.263
8081	80.80	0.257	0.234	0.203	0.176	0.157	0.148	0.143	0.135	0.112	0.062
8091	80.90	-0.020	-0.132	-0.259	-0.377	-0.460	-0.493	-0.481	-0.449	-0.431	-0.451
8101	81.00	-0.513	-0.587	-0.631	-0.606	-0.505	-0.358	-0.221	-0.146	-0.148	-0.193
8111	81.10	-0.204	-0.109	0.120	0.441	0.749	0.921	0.878	0.631	0.277	-0.037
8121	81.20	-0.190	-0.148	0.015	0.152	0.121	-0.136	-0.555	-0.965	-1.167	-1.028
8131	81.30	-0.540	0.163	0.864	1.356	1.516	1.346	0.948	0.461	-0.005	-0.401
8141	81.40	-0.733	-1.016	-1.233	-1.317	-1.181	-0.768	-0.101	0.699	1.447	1.962
8151	81.50	2.136	1.973	1.580	1.114	0.712	0.444	0.302	0.222	0.159	0.074
8161	81.60	-0.010	-0.054	-0.034	0.030	0.075	0.027	-0.165	-0.492	-0.885	-1.232
8171	81.70	-1.427	-1.404	-1.158	-0.740	-0.232	0.281	0.733	1.080	1.298	1.377
8181	81.80	1.311	1.111	0.800	0.426	0.050	-0.260	-0.449	-0.482	-0.356	-0.100
8191	81.90	0.236	0.585	0.875	1.046	1.058	0.904	0.614	0.243	-0.141	-0.482
8201	82.00	-0.746	-0.926	-1.032	-1.068	-1.023	-0.873	-0.596	-0.202	0.250	0.658
8211	82.10	0.903	0.897	0.621	0.141	-0.413	-0.891	-1.179	-1.235	-1.091	-0.822
8221	82.20	-0.506	-0.188	0.127	0.452	0.791	1.109	1.333	1.387	1.223	0.859
8231	82.30	0.380	-0.092	-0.440	-0.596	-0.562	-0.395	-0.177	0.021	0.164	0.248
8241	82.40	0.284	0.276	0.218	0.097	-0.085	-0.295	-0.473	-0.553	-0.489	-0.286
8251	82.50	0.001	0.284	0.476	0.531	0.455	0.302	0.143	0.035	-0.009	-0.015
8261	82.60	-0.036	-0.120	-0.282	-0.494	-0.695	-0.809	-0.782	-0.599	-0.301	0.034
8271	82.70	0.309	0.446	0.410	0.226	-0.033	-0.271	-0.407	-0.412	-0.315	-0.196
8281	82.80	-0.141	-0.203	-0.368	-0.557	-0.665	-0.611	-0.387	-0.071	0.203	0.307
8291	82.90	0.179	-0.135	-0.501	-0.748	-0.751	-0.489	-0.050	0.402	0.709	0.782
8301	83.00	0.635	0.365	0.094	-0.089	-0.171	-0.198	-0.236	-0.321	-0.430	-0.492
8311	83.10	-0.437	-0.243	0.045	0.329	0.509	0.543	0.473	0.404	0.453	0.684
8321	83.20	1.062	1.468	1.744	1.769	1.509	1.023	0.436	-0.129	-0.597	-0.954
8331	83.30	-1.230	-1.450	-1.599	-1.622	-1.451	-1.058	-0.488	0.135	0.654	0.941
8341	83.40	0.950	0.739	0.444	0.216	0.161	0.296	0.554	0.820	0.987	0.992
8351	83.50	0.837	0.572	0.266	-0.022	-0.257	-0.429	-0.538	-0.593	-0.601	-0.573
8361	83.60	-0.529	-0.486	-0.456	-0.432	-0.390	-0.305	-0.168	-0.007	0.120	0.143
8371	83.70	0.016	-0.248	-0.573	-0.839	-0.932	-0.796	-0.462	-0.043	0.316	0.491
8381	83.80	0.435	0.193	-0.125	-0.396	-0.538	-0.541	-0.455	-0.355	-0.290	-0.256
8391	83.90	-0.196	-0.043	0.234	0.597	0.934	1.109	1.016	0.636	0.056	-0.555
8401	84.00	-1.013	-1.190	-1.059	-0.702	-0.266	0.106	0.332	0.419	0.446	0.508
8411	84.10	0.662	0.890	1.105	1.203	1.113	0.844	0.484	0.160	-0.022	-0.038
8421	84.20	0.047	0.104	0.013	-0.276	-0.709	-1.140	-1.397	-1.357	-1.000	-0.421
8431	84.30	0.217	0.746	1.059	1.139	1.035	0.825	0.564	0.265	-0.084	-0.486
8441	84.40	-0.902	-1.246	-1.414	-1.342	-1.042	-0.614	-0.204	0.053	0.104	-0.007
8451	84.50	-0.164	-0.240	-0.166	0.036	0.266	0.407	0.392	0.241	0.049	-0.065
8461	84.60	-0.029	0.140	0.345	0.461	0.409	0.202	-0.051	-0.203	-0.143	0.140
8471	84.70	0.543	0.895	1.030	0.861	0.416	-0.186	-0.787	-1.256	-1.523	-1.582
8481	84.80	-1.456	-1.168	-0.728	-0.147	0.530	1.201	1.718	1.934	1.763	1.232
8491	84.90	0.482	-0.271	-0.820	-1.039	-0.925	-0.583	-0.176	0.156	0.334	0.363

Table 7-7-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1199 S102-GR-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -229.418 (GAL) T= 8.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.300	0.210	0.136	0.086	0.048	0.017	0.006	0.045	0.157	0.331
8511	85.10	0.520	0.651	0.661	0.529	0.287	0.008	-0.225	-0.355	-0.367	-0.279
8521	85.20	-0.130	0.051	0.246	0.441	0.607	0.693	0.636	0.395	-0.012	-0.494
8531	85.30	-0.905	-1.095	-0.980	-0.582	-0.037	0.458	0.726	0.680	0.362	-0.083
8541	85.40	-0.472	-0.669	-0.636	-0.444	-0.223	-0.092	-0.101	-0.209	-0.321	-0.338
8551	85.50	-0.221	-0.011	0.190	0.278	0.199	-0.018	-0.271	-0.436	-0.432	-0.261
8561	85.60	-0.010	0.184	0.201	-0.007	-0.394	-0.838	-1.192	-1.345	-1.262	-0.990
8571	85.70	-0.630	-0.287	-0.035	0.111	0.179	0.215	0.251	0.286	0.291	0.228
8581	85.80	0.080	-0.134	-0.358	-0.525	-0.576	-0.489	-0.282	-0.005	0.285	0.540
8591	85.90	0.736	0.867	0.940	0.955	0.907	0.791	0.612	0.397	0.194	0.055
8601	86.00	0.015	0.077	0.205	0.335	0.407	0.387	0.285	0.152	0.053	0.040
8611	86.10	0.128	0.292	0.480	0.639	0.737	0.774	0.775	0.767	0.763	0.749
8621	86.20	0.698	0.584	0.404	0.186	-0.014	-0.142	-0.166	-0.093	0.033	0.148
8631	86.30	0.195	0.147	0.020	-0.136	-0.257	-0.288	-0.204	-0.017	0.222	0.442
8641	86.40	0.564	0.532	0.325	-0.031	-0.459	-0.854	-1.109	-1.151	-0.969	-0.624
8651	86.50	-0.230	0.089	0.243	0.214	0.061	-0.112	-0.197	-0.137	0.052	0.295
8661	86.60	0.493	0.574	0.528	0.406	0.283	0.215	0.204	0.194	0.106	-0.111
8671	86.70	-0.440	-0.791	-1.035	-1.062	-0.843	-0.444	-0.009	0.309	0.413	0.306
8681	86.80	0.084	-0.116	-0.180	-0.078	0.132	0.335	0.420	0.335	0.115	-0.145
8691	86.90	-0.339	-0.404	-0.349	-0.244	-0.181	-0.222	-0.368	-0.565	-0.729	-0.793
8701	87.00	-0.741	-0.609	-0.464	-0.369	-0.351	-0.391	-0.441	-0.447	-0.373	-0.215
8711	87.10	0.004	0.245	0.469	0.638	0.722	0.694	0.542	0.278	-0.050	-0.359
8721	87.20	-0.554	-0.562	-0.364	-0.019	0.354	0.613	0.653	0.445	0.056	-0.380
8731	87.30	-0.712	-0.836	-0.729	-0.452	-0.123	0.137	0.244	0.177	-0.026	-0.295
8741	87.40	-0.554	-0.745	-0.831	-0.799	-0.652	-0.414	-0.123	0.164	0.386	0.496
8751	87.50	0.482	0.379	0.259	0.198	0.242	0.377	0.530	0.595	0.483	0.173
8761	87.60	-0.276	-0.733	-1.053	-1.133	-0.956	-0.603	-0.213	0.074	0.174	0.093
8771	87.70	-0.087	-0.250	-0.302	-0.217	-0.041	0.133	0.213	0.160	0.005	-0.164
8781	87.80	-0.241	-0.154	0.098	0.442	0.757	0.925	0.882	0.638	0.273	-0.096
8791	87.90	-0.369	-0.496	-0.493	-0.422	-0.353	-0.325	-0.327	-0.305	-0.197	0.027
8801	88.00	0.336	0.646	0.851	0.874	0.707	0.421	0.143	-0.000	0.055	0.281
8811	88.10	0.565	0.758	0.744	0.494	0.085	-0.332	-0.598	-0.618	-0.397	-0.044
8821	88.20	0.286	0.453	0.402	0.176	-0.103	-0.298	-0.312	-0.139	0.144	0.416
8831	88.30	0.562	0.530	0.346	0.096	-0.115	-0.215	-0.187	-0.076	0.040	0.095
8841	88.40	0.061	-0.033	-0.119	-0.122	0.006	0.262	0.590	0.906	1.123	1.192
8851	88.50	1.110	0.923	0.701	0.515	0.407	0.381	0.404	0.427	0.406	0.319
8861	88.60	0.178	0.021	-0.105	-0.158	-0.119	0.001	0.165	0.315	0.393	0.352
8871	88.70	0.169	-0.142	-0.535	-0.936	-1.257	-1.420	-1.382	-1.145	-0.765	-0.335
8881	88.80	0.041	0.280	0.347	0.263	0.097	-0.065	-0.150	-0.126	-0.010	0.141
8891	88.90	0.257	0.281	0.195	0.020	-0.187	-0.358	-0.436	-0.395	-0.248	-0.045
8901	89.00	0.145	0.254	0.237	0.089	-0.151	-0.417	-0.632	-0.738	-0.721	-0.607
8911	89.10	-0.456	-0.333	-0.272	-0.266	-0.271	-0.223	-0.080	0.156	0.435	0.675
8921	89.20	0.805	0.789	0.666	0.436	0.223	0.046	-0.099	-0.251	-0.443	-0.675
8931	89.30	-0.889	-0.991	-0.889	-0.547	-0.015	0.576	1.061	1.303	1.247	0.943
8941	89.40	0.517	0.120	-0.135	-0.208	-0.133	0.017	0.167	0.278	0.347	0.389
8951	89.50	0.411	0.394	0.301	0.102	-0.200	-0.553	-0.874	-1.076	-1.110	-0.982
8961	89.60	-0.748	-0.486	-0.254	-0.077	0.061	0.181	0.291	0.358	0.328	0.156
8971	89.70	-0.159	-0.552	-0.909	-1.104	-1.057	-0.768	-0.327	0.128	0.458	0.585
8981	89.80	0.512	0.312	0.093	-0.055	-0.095	-0.043	0.043			

Table 7-8-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	8.651	7.670	3.539	-1.549	-4.958	-5.036	-2.043	1.974	4.313	3.178
11	0.10	-1.194	-6.505	-9.555	-7.999	-1.778	6.606	13.187	14.501	9.403	-0.223
21	0.20	-10.296	-16.514	-16.482	-10.880	-3.062	2.729	3.581	-0.583	-7.025	-11.700
31	0.30	-11.470	-5.823	2.817	10.351	13.187	10.153	3.149	-3.836	-6.811	-3.886
41	0.40	3.729	12.321	17.578	16.777	10.139	0.662	-7.435	-10.837	-8.713	-2.981
51	0.50	2.835	5.481	3.614	-1.648	-7.458	-10.817	-10.104	-5.790	-0.001	4.736
61	0.60	6.834	6.353	4.724	3.723	4.315	6.058	7.376	6.552	2.836	-2.965
71	0.70	-8.778	-12.286	-12.149	-6.729	-3.930	-0.208	0.728	-1.166	-4.231	-5.994
81	0.80	-4.528	0.420	7.122	12.597	14.022	10.144	2.001	-7.431	-14.513	-16.546
91	0.90	-12.957	-5.498	2.606	8.170	9.488	7.046	3.164	0.772	1.903	6.614
101	1.00	12.847	17.309	16.957	10.441	-1.156	-14.589	-25.621	-30.589	-27.715	-17.677
111	1.10	-3.255	11.706	23.575	29.955	30.133	24.938	16.198	6.095	-3.344	-10.569
121	1.20	-14.526	-14.918	-12.033	-6.829	-0.758	4.576	7.876	8.562	6.937	3.981
131	1.30	0.866	-1.598	-3.292	-4.703	-6.473	-8.836	-11.293	-12.755	-12.119	-8.995
141	1.40	-4.133	0.746	3.722	3.685	1.046	-2.320	-3.944	-2.095	3.125	9.543
151	1.50	13.795	12.967	6.235	-4.372	-14.563	-19.585	-16.441	-5.467	9.524	22.697
161	1.60	28.633	24.650	11.969	-4.822	-19.695	-27.632	-26.463	-17.369	-3.953	9.515
171	1.70	19.767	25.386	26.597	24.363	19.467	12.155	2.505	-8.831	-20.104	-28.650
181	1.80	-31.819	-28.212	-18.532	-5.519	7.099	16.137	20.200	19.985	17.506	14.685
191	1.90	12.137	8.867	3.080	-6.324	-18.458	-30.190	-37.215	-36.026	-25.816	-9.269
201	2.00	8.271	20.965	24.990	20.186	10.016	-0.134	-5.510	-4.142	2.426	10.126
211	2.10	14.526	13.043	6.111	-3.209	-10.885	-13.928	-11.732	-6.112	-0.140	3.519
221	2.20	3.859	1.762	-0.805	-2.073	-1.460	0.283	1.773	2.048	1.284	0.687
231	2.30	1.632	4.550	8.321	10.606	9.066	2.835	-6.589	-15.641	-20.146	-17.313
241	2.40	-7.266	6.695	19.313	25.573	22.861	12.082	-2.759	-16.295	-24.008	-23.903
251	2.50	-16.949	-6.234	4.620	12.924	17.624	19.033	17.967	14.919	9.810	2.441
261	2.60	-6.711	-15.933	-22.476	-23.544	-17.675	-5.790	8.717	21.028	26.711	23.528
271	2.70	12.409	-2.842	-17.005	-25.420	-25.644	-18.148	-5.849	7.202	17.326	22.316
281	2.80	21.774	16.754	9.042	0.511	-7.231	-12.879	-15.371	-13.959	-8.483	0.273
291	2.90	10.410	19.165	23.625	21.699	12.954	-1.043	-17.087	-31.272	-40.174	-41.831
301	3.00	-36.189	-24.903	-10.675	3.596	15.504	23.520	27.023	26.139	21.527	14.221
311	3.10	5.523	-3.094	-10.171	-14.520	-15.486	-13.117	-8.146	-1.771	4.676	10.053
321	3.20	13.633	15.030	14.308	11.648	7.379	1.984	-3.822	-9.064	-12.614	-13.478
331	3.30	-11.172	-6.054	0.590	6.795	10.508	10.338	6.194	-0.481	-7.048	-10.543
341	3.40	-8.810	-1.480	9.637	20.971	28.362	28.583	20.630	6.256	-10.541	-24.898
351	3.50	-32.840	-32.671	-25.468	-14.462	-3.614	3.980	7.159	6.818	5.087	4.052
361	3.60	4.688	6.509	8.078	8.033	6.025	3.024	0.787	0.793	3.232	6.654
371	3.70	8.565	6.701	0.368	-8.904	-17.789	-22.551	-20.768	-12.549	-0.628	10.732
381	3.80	17.540	17.731	11.919	2.931	-5.591	-10.803	-11.725	-9.290	-5.497	-2.171
391	3.90	-0.044	1.397	3.293	6.432	10.532	14.195	15.599	13.518	8.119	1.061
401	4.00	-5.176	-8.422	-7.817	-4.202	0.301	3.291	3.170	-0.202	-5.552	-10.858
411	4.10	-14.251	-14.721	-12.328	-7.925	-2.620	2.689	7.485	11.493	14.420	15.799
421	4.20	15.090	12.010	6.868	0.695	-4.982	-8.652	-9.410	-7.331	-3.454	0.640
431	4.30	3.457	4.154	2.803	0.248	-2.333	-3.975	-4.313	-3.686	-2.917	-2.903
441	4.40	-4.186	-6.686	-9.681	-12.038	-12.604	-10.610	-5.962	0.677	8.037	14.570
451	4.50	18.854	19.944	17.564	12.113	4.502	-4.091	-12.436	-19.401	-24.015	-25.521
461	4.60	-23.473	-17.901	-9.486	0.387	9.790	16.686	19.537	17.853	12.462	5.321
471	4.70	-1.116	-4.760	-4.643	-1.259	3.666	7.878	9.494	7.714	3.074	-2.845
481	4.80	-8.073	-11.000	-10.880	-7.951	-3.193	2.109	6.751	9.829	10.760	9.242
491	4.90	5.256	-0.814	-8.032	-14.890	-19.545	-20.350	-16.507	-8.562	1.534	10.925

Table 7-8-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	16.785	17.342	12.578	4.274	-4.636	-11.163	-13.370	-11.017	-5.517	0.768
511	5.10	5.554	7.530	6.762	4.472	2.356	1.770	3.168	5.992	9.008	10.893
521	5.20	10.772	8.506	4.654	0.195	-3.819	-6.543	-7.475	-6.505	-3.902	-0.305
531	5.30	3.335	5.910	6.444	4.464	0.300	-4.844	-9.183	-10.937	-9.021	-3.549
541	5.40	4.093	11.675	16.891	18.175	15.214	8.987	1.323	-5.784	-10.814	-13.068
551	5.50	-12.659	-10.232	-6.631	-2.665	0.972	3.676	4.947	4.506	2.486	-0.430
561	5.60	-3.083	-4.184	-2.842	0.947	6.091	10.641	12.442	9.950	2.924	-7.318
571	5.70	-18.183	-26.539	-29.659	-26.051	-15.930	-1.208	14.967	28.974	37.604	38.841
581	5.80	32.375	19.705	3.803	-11.628	-23.111	-28.305	-26.594	-19.156	-8.487	2.440
591	5.90	11.079	15.960	16.889	14.704	10.764	6.434	2.750	0.337	-0.516	0.233
601	6.00	2.378	5.409	8.490	10.601	10.867	8.947	5.269	0.949	-2.658	-4.557
611	6.10	-4.595	-3.523	-2.573	-2.747	-4.181	-5.959	-6.522	-4.506	0.403	7.080
621	6.20	13.272	16.521	15.273	9.628	1.349	-6.892	-12.680	-14.871	-13.988	-11.831
631	6.30	-10.513	-11.429	-14.626	-18.843	-22.140	-22.759	-19.805	-13.486	-4.895	4.444
641	6.40	12.988	19.401	22.578	21.666	16.225	6.567	-5.903	-18.597	-28.141	-31.253
651	6.50	-25.874	-12.110	7.418	28.033	44.109	51.027	45.812	28.818	3.410	-24.689
661	6.60	-48.757	-62.739	-62.836	-48.649	-23.525	6.067	32.157	47.528	48.018	34.080
671	6.70	10.945	-12.870	-28.380	-29.360	-14.688	10.798	38.000	56.671	59.178	43.366
681	6.80	13.425	-21.584	-50.961	-66.095	-63.280	-44.643	-16.960	11.002	31.515	40.170
691	6.90	36.712	24.390	8.326	-6.348	-15.914	-18.744	-15.255	-7.427	1.844	9.383
701	7.00	12.352	8.885	-1.319	-16.610	-33.457	-47.168	-53.180	-48.577	-33.278	-10.371
711	7.10	14.681	35.755	48.132	50.099	43.436	32.550	22.557	17.096	16.789	19.022
721	7.20	19.204	13.004	-1.366	-21.837	-42.797	-57.026	-58.557	-45.304	-20.328	8.896
731	7.30	33.040	44.371	39.724	21.768	-2.001	-22.189	-31.173	-26.033	-9.535	11.210
741	7.40	27.804	34.017	28.162	13.448	-3.739	-16.769	-21.533	-17.875	-9.141	-0.255
751	7.50	4.675	4.043	-0.965	-7.438	-12.460	-14.508	-13.863	-11.952	-10.170	-8.958
761	7.60	-7.694	-5.409	-1.789	2.288	5.127	5.399	3.412	1.599	3.687	12.754
771	7.70	29.095	49.091	65.920	72.047	62.499	37.401	2.502	-32.711	-58.528	-68.643
781	7.80	-62.262	-43.852	-20.808	-0.276	13.328	19.080	18.544	13.911	6.522	-3.350
791	7.90	-15.475	-28.251	-38.068	-40.178	-30.853	-9.754	18.894	47.216	66.521	70.815
801	8.00	59.297	36.571	10.439	-11.634	-25.597	-31.913	-34.233	-36.478	-40.026	-42.612
811	8.10	-39.575	-26.798	-3.691	25.479	52.750	69.647	70.822	56.333	31.461	4.222
821	8.20	-18.122	-31.785	-37.178	-37.498	-36.163	-34.641	-31.828	-25.207	-12.966	4.249
831	8.30	23.034	38.584	46.937	46.850	40.246	30.996	22.739	16.957	12.378	6.022
841	8.40	-4.715	-20.108	-37.347	-51.418	-57.175	-51.560	-34.928	-10.918	14.922	36.990
851	8.50	51.127	55.254	49.210	34.235	12.589	-12.530	-36.986	-56.051	-65.363	-62.307
861	8.60	-47.264	-23.987	1.287	21.808	32.614	32.161	22.583	8.496	-5.028	-14.361
871	8.70	-18.246	-17.489	-13.780	-8.452	-1.888	6.139	15.521	24.946	31.782	32.902
881	8.80	26.135	11.583	-7.896	-27.588	-41.546	-46.453	-40.951	-26.929	-8.549	9.182
891	8.90	21.903	26.955	23.822	14.004	0.547	-12.617	-21.462	-22.783	-15.146	0.378
901	9.00	20.060	38.230	48.854	47.558	33.373	9.436	-17.763	-40.446	-52.180	-50.077
911	9.10	-35.679	-14.191	7.595	23.802	31.378	30.693	24.718	17.282	11.259	7.505
921	9.20	4.928	1.533	-4.141	-11.946	-19.924	-25.062	-24.628	-17.473	-4.696	10.603
931	9.30	24.367	32.969	34.382	28.710	17.955	5.197	-6.415	-14.493	-17.841	-16.459
941	9.40	-11.283	-3.837	4.092	10.749	14.729	15.340	12.897	8.790	5.154	4.133
951	9.50	6.960	13.229	20.774	26.310	26.677	20.189	7.467	-8.658	-24.191	-35.517
961	9.60	-40.739	-40.182	-35.861	-30.211	-24.784	-19.605	-13.536	-5.428	4.627	14.700
971	9.70	21.545	22.052	14.943	1.785	-13.285	-25.118	-29.708	-25.927	-15.982	-4.352
981	9.80	4.308	7.289	4.980	0.516	-1.873	0.999	9.657	21.583	32.203	36.733
991	9.90	32.078	18.000	-2.789	-25.538	-44.899	-56.378	-57.393	-47.763	-29.626	-6.888

Table 7-8-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	15.688	33.622	43.840	45.477	40.026	30.681	21.030	13.599	8.886	5.393
1011	10.10	0.698	-6.902	-17.027	-26.880	-32.256	-29.495	-17.462	1.478	22.063	38.151
1021	10.20	45.224	42.223	31.802	18.906	8.381	2.804	1.596	1.810	0.105	-5.161
1031	10.30	-12.855	-19.575	-21.493	-16.550	-5.858	6.448	14.912	15.203	6.159	-9.533
1041	10.40	-26.334	-38.077	-40.417	-32.477	-17.057	0.596	14.846	21.694	20.026	11.687
1051	10.50	0.516	-9.225	-14.398	-14.014	-9.427	-3.705	-0.401	-2.145	-9.535	-20.701
1061	10.60	-31.773	-38.137	-36.091	-24.525	-4.637	18.436	38.983	51.612	53.153	43.563
1071	10.70	25.722	4.289	-15.858	-30.983	-39.181	-40.318	-35.453	-26.156	-14.072	-0.772
1081	10.80	12.162	23.154	30.850	34.496	34.244	31.109	26.510	21.562	16.494	10.572
1091	10.90	2.664	-7.788	-19.882	-30.999	-37.462	-35.938	-25.015	-6.207	16.132	36.091
1101	11.00	48.201	49.352	39.862	23.250	4.839	-10.217	-18.673	-20.076	-16.507	-11.421
1111	11.10	-8.132	-8.552	-12.630	-18.584	-23.731	-25.538	-22.498	-14.587	-3.230	9.155
1121	11.20	19.854	26.598	28.169	24.715	17.685	9.375	2.205	-2.085	-3.019	-1.534
1131	11.30	0.397	0.564	-2.557	-9.121	-17.757	-26.011	-31.224	-31.486	-26.290	-16.651
1141	11.40	-4.667	7.238	17.069	23.730	27.068	27.592	26.052	23.126	19.300	14.952
1151	11.50	10.482	6.369	3.087	0.929	-0.150	-0.566	-0.861	-1.658	-3.239	-5.542
1161	11.60	-8.185	-10.594	-12.131	-12.169	-10.155	-5.729	1.054	9.455	17.858	24.037
1171	11.70	25.667	21.281	11.123	-2.503	-15.692	-24.210	-25.132	-18.156	-5.932	6.848
1181	11.80	15.306	16.406	10.236	-0.075	-9.789	-14.705	-12.994	-5.886	3.118	10.051
1191	11.90	12.393	10.126	5.433	1.268	-0.381	0.426	1.749	1.078	-2.951	-9.442
1201	12.00	-15.396	-17.138	-12.301	-1.320	12.398	23.796	28.353	24.084	12.363	-2.800
1211	12.10	-16.630	-25.641	-28.870	-27.753	-24.852	-22.219	-20.306	-18.009	-13.711	-6.682
1221	12.20	2.034	9.784	13.477	11.148	3.073	-8.163	-18.682	-24.907	-24.961	-19.213
1231	12.30	-9.834	0.324	8.886	14.613	17.355	17.534	15.582	11.733	6.223	-0.308
1241	12.40	-6.603	-11.017	-12.130	-9.429	-3.629	3.578	10.259	15.060	17.669	18.549
1251	12.50	18.471	17.596	15.274	10.395	2.268	-8.485	-19.604	-27.731	-29.661	-23.763
1261	12.60	-10.855	5.892	22.044	33.473	37.725	34.609	25.852	14.110	1.909	-8.992
1271	12.70	-17.620	-23.390	-25.698	-23.885	-17.629	-7.525	4.591	15.907	23.495	25.421
1281	12.80	21.567	13.718	4.833	-2.194	-5.679	-5.696	-3.770	-1.938	-1.669	-5.194
1291	12.90	-5.537	-7.168	-6.886	-4.441	-0.607	3.289	6.071	7.228	6.997	5.996
1301	13.00	4.694	3.055	0.606	-3.123	-8.033	-13.142	-16.763	-17.146	-13.298	-5.598
1311	13.10	4.143	13.212	18.927	19.580	14.996	6.539	-3.411	-12.254	-17.925	-19.381
1321	13.20	-16.729	-11.053	-4.065	2.309	6.352	6.946	3.894	-1.933	-8.707	-14.089
1331	13.30	-15.929	-13.029	-5.662	4.373	14.275	21.148	23.002	19.416	11.636	2.071
1341	13.40	-6.584	-12.224	-13.874	-11.748	-6.890	-0.654	5.725	11.311	15.412	17.470
1351	13.50	17.044	13.966	8.577	1.871	-4.641	-9.364	-11.201	-10.014	-6.710	-2.874
1361	13.60	-0.095	0.708	-0.373	-2.403	-4.179	-4.920	-4.685	-4.288	-4.746	-6.537
1371	13.70	-9.103	-10.905	-10.066	-5.340	3.073	13.295	22.306	27.060	25.714	18.426
1381	13.80	7.348	-4.186	-12.937	-16.945	-16.138	-12.124	-7.331	-3.898	-2.828	-3.735
1391	13.90	-5.249	-5.807	-4.456	-1.280	2.684	5.967	7.334	6.290	3.225	-0.825
1401	14.00	-4.632	-7.225	-8.166	-7.568	-5.924	-3.874	-2.006	-0.745	-0.314	-0.707
1411	14.10	-1.672	-2.708	-3.158	-2.398	-0.113	3.473	7.537	10.859	12.268	11.146
1421	14.20	7.782	3.360	-0.456	-2.194	-1.225	1.928	5.779	8.515	8.795	6.353
1431	14.30	2.115	-2.239	-5.055	-5.462	-3.743	-1.145	0.763	0.872	-0.959	-3.884
1441	14.40	-6.565	-7.881	-7.496	-5.990	-4.496	-4.052	-5.029	-6.938	-8.713	-9.301
1451	14.50	-8.219	-5.778	-2.829	-0.215	1.778	3.594	6.108	9.970	14.973	19.825
1461	14.60	22.520	21.205	15.123	5.194	-6.119	-15.627	-20.600	-19.794	-13.887	-5.158
1471	14.70	3.426	9.291	11.066	8.843	3.883	-2.006	-7.108	-10.211	-10.748	-8.729
1481	14.80	-4.631	0.692	6.094	10.304	12.231	11.361	8.067	3.634	-0.111	-4.485
1491	14.90	0.317	4.789	10.199	14.236	14.930	11.484	4.621	-3.678	-10.932	-15.064

Table 7-8-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-15.085	-11.291	-4.993	2.038	8.128	12.047	13.104	11.091	6.236	-0.762
1511	15.10	-8.668	-15.753	-20.088	-20.095	-15.178	-6.164	4.720	14.426	20.058	19.891
1521	15.20	14.027	4.408	-5.839	-13.477	-16.241	-13.546	-6.567	2.260	10.112	14.680
1531	15.30	14.791	10.613	3.420	-4.922	-12.546	-18.075	-20.870	-21.020	-19.110	-15.894
1541	15.40	-11.992	-7.732	-3.181	1.663	6.632	11.240	14.726	16.310	15.541	12.579
1551	15.50	8.241	3.742	0.229	-1.688	-2.177	-2.061	-2.364	-3.737	-6.055	-8.382
1561	15.60	-9.371	-7.895	-3.633	2.678	9.456	14.854	17.446	16.720	13.195	8.133
1571	15.70	3.036	-0.853	-2.852	-2.886	-1.368	0.985	3.298	4.653	4.234	1.563
1581	15.80	-3.219	-9.153	-14.533	-17.348	-16.008	-10.106	-0.853	9.093	16.434	18.433
1591	15.90	14.027	4.372	-7.655	-17.523	-22.489	-20.826	-13.370	-2.951	6.692	12.299
1601	16.00	12.208	6.831	-1.650	-10.168	-15.869	-17.011	-13.387	-6.212	2.421	10.256
1611	16.10	15.531	17.390	15.953	12.175	7.341	2.723	-0.835	-3.091	-4.347	-5.203
1621	16.20	-6.216	-7.599	-9.096	-10.079	-9.831	-7.885	-4.292	0.321	4.909	8.323
1631	16.30	9.665	8.546	5.196	0.406	-4.660	-8.706	-10.581	-9.544	-5.497	0.890
1641	16.40	8.221	14.647	18.350	18.121	13.815	6.498	-1.864	-8.949	-13.056	-13.489
1651	16.50	-10.808	-6.446	-2.029	1.333	3.414	4.775	6.254	8.343	10.806	12.727
1661	16.60	13.021	11.060	7.131	2.408	-1.551	-3.563	-3.410	-1.964	-0.733	-1.055
1671	16.70	-3.339	-6.778	-9.688	-10.353	-7.945	-3.067	2.399	6.086	6.231	2.528
1681	16.80	-3.653	-9.823	-13.444	-13.033	-8.792	-2.490	3.336	6.488	6.012	2.527
1691	16.90	-2.131	-5.752	-6.667	-4.349	0.514	6.423	11.719	15.134	16.068	14.528
1701	17.00	10.887	5.652	-0.613	-7.210	-13.204	-17.445	-18.819	-16.658	-11.133	-3.408
1711	17.10	4.588	10.725	13.379	11.997	7.267	0.841	-5.283	-9.453	-10.850	-9.611
1721	17.20	-6.584	-2.891	0.512	3.073	4.656	5.390	5.481	5.100	4.369	3.408
1731	17.30	2.353	1.323	0.340	-0.704	-1.984	-3.573	-5.267	-6.520	-6.587	-4.861
1741	17.40	-1.245	3.624	8.467	11.798	12.511	10.387	6.236	1.609	-1.832	-2.978
1751	17.50	-1.693	1.226	4.470	6.826	7.643	6.951	5.234	3.020	0.573	-2.137
1761	17.60	-5.179	-8.317	-10.834	-11.708	-10.107	-5.944	-0.175	5.402	8.818	8.809
1771	17.70	5.450	0.219	-4.587	-6.864	-5.649	-1.573	3.430	7.004	7.452	4.499
1781	17.80	-0.605	-5.679	-8.597	-8.201	-4.744	0.311	4.987	7.639	7.561	5.134
1791	17.90	1.526	-1.866	-3.937	-4.173	-2.672	0.027	3.161	5.908	7.485	7.243
1801	18.00	4.818	0.317	-5.532	-11.424	-15.760	-17.157	-14.981	-9.689	-2.778	3.686
1811	18.10	7.796	8.517	6.066	1.794	-2.384	-4.789	-4.665	-2.458	0.416	2.241
1821	18.20	1.795	-1.060	-5.245	-8.878	-10.059	-7.716	-2.150	4.949	11.078	13.857
1831	18.30	11.974	5.766	-2.832	-10.949	-15.832	-15.857	-11.117	-3.359	4.717	10.477
1841	18.40	12.299	10.068	5.054	-0.719	-5.315	-7.573	-7.366	-5.405	-2.741	-0.242
1851	18.50	1.693	3.106	4.203	5.054	5.450	5.010	3.472	0.977	-1.838	-4.019
1861	18.60	-4.679	-3.410	-0.510	3.092	6.184	7.737	7.288	5.080	1.919	-1.150
1871	18.70	-3.213	-3.746	-2.701	-0.445	2.385	5.043	6.804	7.090	5.609	2.490
1881	18.80	-1.637	-5.696	-8.414	-8.717	-6.162	-1.225	4.727	9.805	12.230	10.995
1891	18.90	6.292	-0.471	-7.111	-11.408	-11.876	-8.277	-1.693	5.862	12.138	15.388
1901	19.00	14.902	11.151	5.531	-0.164	-4.351	-6.118	-5.418	-2.951	0.169	2.835
1911	19.10	4.291	4.306	3.140	1.349	-0.462	-1.880	-2.684	-3.026	-3.112	-3.162
1921	19.20	-3.278	-3.416	-3.435	-3.183	-2.588	-1.701	-0.688	0.224	0.808	0.892
1931	19.30	0.382	-0.726	-2.342	-4.269	-6.191	-7.691	-8.309	-7.661	-5.593	-2.305
1941	19.40	1.605	5.237	7.618	7.999	6.128	2.377	-2.336	-6.812	-9.959	-11.129
1951	19.50	-10.305	-8.042	-5.206	-2.623	-0.778	0.294	0.906	1.454	2.147	2.858
1961	19.60	3.186	2.699	1.228	-0.933	-3.064	-4.267	-3.863	-1.725	1.599	5.056
1971	19.70	7.481	8.067	6.691	3.970	1.017	-0.995	-1.275	0.313	3.239	6.533
1981	19.80	9.143	10.277	9.609	7.318	3.981	0.398	-2.608	-4.347	-4.407	-2.748
1991	19.90	0.249	3.827	7.001	8.824	8.675	6.491	2.826	-1.314	-4.804	-6.783

Table 7-8-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-6.934	-5.537	-3.289	-0.976	0.848	2.027	2.739	3.272	3.751	3.980
2011	20.10	3.502	1.842	-1.163	-5.132	-9.117	-11.854	-12.191	-9.538	-4.161	2.802
2021	20.20	9.634	14.543	16.218	14.246	9.246	2.678	-3.617	-8.013	-9.604	-8.476
2031	20.30	-5.619	-2.526	-0.598	-0.604	-2.385	-4.942	-6.877	-7.010	-4.911	-1.131
2041	20.40	2.998	5.889	6.360	4.117	-0.123	-4.931	-8.738	-10.428	-9.707	-7.108
2051	20.50	-3.668	-0.467	1.774	2.843	2.943	2.433	1.582	0.467	-0.963	-2.713
2061	20.60	-4.605	-6.262	-7.248	-7.263	-6.353	-4.687	-2.892	-1.369	-0.347	0.213
2071	20.70	0.524	0.811	1.162	1.499	1.651	1.500	1.076	0.561	0.191	0.117
2081	20.80	0.323	0.653	0.932	1.102	1.284	1.717	2.592	3.884	5.280	6.279
2091	20.90	6.415	5.508	3.808	1.944	0.682	0.599	1.819	3.921	6.078	7.348
2101	21.00	7.013	4.832	1.131	-3.280	-7.320	-9.914	-10.268	-8.092	-3.727	1.872
2111	21.10	7.311	11.110	12.134	9.999	5.272	-0.652	-5.931	-9.155	-9.409	-7.038
2121	21.20	-3.231	0.469	2.834	3.458	2.855	2.101	2.207	3.537	5.570	7.128
2131	21.30	6.985	4.526	0.147	-4.836	-8.731	-10.213	-8.912	-5.570	-1.686	1.170
2141	21.40	2.041	0.958	-1.154	-2.975	-3.426	-2.150	0.378	3.128	5.010	5.357
2151	21.50	4.167	2.038	-0.137	-1.553	-1.777	-0.836	0.869	2.768	4.317	5.122
2161	21.60	4.992	3.929	2.106	-0.163	-2.463	-4.351	-5.659	-5.600	-4.833	-3.443
2171	21.70	-1.848	-0.454	0.473	0.861	0.815	0.526	0.174	-0.124	-0.327	-0.426
2181	21.80	-0.411	-0.253	0.072	0.548	1.089	1.553	1.775	1.626	1.052	0.092
2191	21.90	-1.132	-2.430	-3.565	-4.280	-4.344	-3.619	-2.146	-0.187	1.795	3.253
2201	22.00	3.749	3.138	1.665	-0.095	-1.438	-1.813	-1.040	0.622	2.596	4.240
2211	22.10	5.110	5.109	4.451	3.489	2.507	1.592	0.657	-0.405	-1.552	-2.527
2221	22.20	-2.941	-2.500	-1.232	0.418	1.703	1.881	0.575	-2.000	-5.053	-7.510
2231	22.30	-8.444	-7.475	-4.937	-1.749	0.961	2.319	2.040	0.524	-1.344	-2.570
2241	22.40	-2.461	-0.896	1.644	4.270	6.033	6.273	4.859	2.224	-0.789	-3.235
2251	22.50	-4.399	-4.037	-2.455	-0.377	1.333	2.005	1.420	-0.113	-1.888	-3.088
2261	22.60	-3.110	-1.801	0.499	3.092	5.192	6.181	5.780	4.078	1.439	-1.620
2271	22.70	-4.544	-6.806	-7.950	-7.680	-5.946	-3.056	0.318	3.278	4.993	5.043
2281	22.80	3.650	1.655	0.193	0.184	1.852	4.543	6.944	7.660	5.889	1.874
2291	22.90	-3.114	-7.279	-9.083	-7.937	-4.470	-0.242	2.972	3.991	2.720	0.118
2301	23.00	-2.347	-3.461	-2.860	-1.161	0.420	0.765	-0.520	-2.857	-4.979	-5.580
2311	23.10	-4.006	-0.634	3.263	6.095	6.703	4.899	1.549	-1.835	-3.802	-3.615
2321	23.20	-1.554	1.251	3.381	3.791	2.287	-0.402	-2.955	-4.049	-2.932	0.247
2331	23.30	4.482	8.282	10.221	9.445	5.973	0.686	-4.955	-9.374	-11.366	-10.460
2341	23.40	-7.053	-2.286	2.309	5.287	5.740	3.587	-0.383	-4.756	-7.933	-8.650
2351	23.50	-16.391	-11.582	4.514	10.159	13.652	13.832	10.429	4.155	-3.475	-10.552
2361	23.60	-15.281	-16.466	-13.818	-8.023	-0.533	6.845	12.447	15.190	14.803	11.813
2371	23.70	7.282	2.423	-1.774	-4.768	-6.492	-7.197	-7.223	-6.807	-6.018	-4.822
2381	23.80	-3.223	-1.377	0.395	1.714	2.306	2.150	1.502	0.795	0.443	0.652
2391	23.90	1.327	2.117	2.591	2.441	1.631	0.424	-0.726	-1.364	-1.212	-0.276
2401	24.00	1.161	2.634	3.649	3.829	3.022	1.346	-0.831	-2.963	-4.455	-4.828
2411	24.10	-3.870	-1.743	1.023	3.670	5.447	5.878	4.946	3.107	1.113	-0.296
2421	24.20	-0.697	-0.147	0.869	1.687	1.804	1.124	0.006	-0.925	-1.113	-0.375
2431	24.30	0.972	2.251	2.761	2.159	0.684	-0.896	-1.616	-0.782	1.642	4.909
2441	24.40	7.719	8.713	7.044	2.774	-3.066	-8.795	-12.662	-13.463	-10.973	-6.016
2451	24.50	-0.178	4.743	7.328	6.977	4.051	-0.318	-4.643	-7.590	-8.374	-6.945
2461	24.60	-3.920	-0.307	2.853	4.791	5.185	4.149	2.103	-0.415	-2.910	-4.998
2471	24.70	-6.410	-6.961	-6.539	-5.142	-2.949	-0.362	2.040	3.652	4.063	3.255
2481	24.80	1.670	0.089	-0.667	-0.098	1.707	4.030	5.763	5.856	3.789	-0.129
2491	24.90	-4.773	-8.567	-10.053	-8.464	-4.062	1.900	7.582	11.194	11.615	8.778

Table 7-8-6.

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	3.670	-2.028	-6.536	-8.577	-7.782	-4.753	-0.790	2.609	4.291	3.832
2511	25.10	1.665	-1.219	-3.500	-4.209	-3.001	-0.298	2.865	5.219	5.719	3.918
2521	25.20	0.128	-4.668	-9.132	-11.981	-12.369	-10.110	-5.712	-0.211	5.118	9.083
2531	25.30	10.852	10.133	7.216	2.889	-1.760	-5.606	-7.771	-7.837	-5.955	-2.780
2541	25.40	0.740	3.663	5.344	5.608	4.748	3.355	2.047	1.228	0.965	1.039
2551	25.50	1.125	1.017	0.759	0.635	1.004	2.069	3.701	5.411	6.512	6.397
2561	25.60	4.824	2.066	-1.144	-3.866	-5.302	-5.099	-3.472	-1.108	1.114	2.472
2571	25.70	2.652	1.831	0.536	-0.631	-1.277	-1.382	-1.277	-1.435	-2.192	-3.525
2581	25.80	-4.997	-5.922	-5.663	-3.953	-1.083	2.154	4.730	5.790	5.000	2.701
2591	25.90	-0.208	-2.625	-3.676	-3.056	-1.130	1.249	3.105	3.744	3.005	1.275
2601	26.00	-0.733	-2.312	-3.049	-2.947	-2.332	-1.627	-1.111	-0.799	-0.493	0.040
2611	26.10	0.857	1.746	2.290	2.082	0.981	-0.744	-2.455	-3.390	-3.014	-1.298
2621	26.20	1.194	3.484	4.559	3.807	1.303	-2.157	-5.331	-6.988	-6.391	-3.585
2631	26.30	0.597	6.830	7.770	8.527	6.951	3.641	-0.313	-3.740	-5.794	-6.197
2641	26.40	-5.250	-3.632	-2.083	-1.114	-0.835	-0.981	-1.081	-0.699	0.360	1.964
2651	26.50	3.706	5.079	5.674	5.342	4.241	2.762	1.369	0.414	0.017	0.037
2661	26.60	0.165	0.086	-0.364	-1.098	-1.803	-2.070	-1.584	-0.293	1.526	3.338
2671	26.70	4.538	4.683	3.674	1.794	-0.395	-2.280	-3.425	-3.721	-3.376	-2.772
2681	26.80	-2.252	-1.958	-1.784	-1.486	-0.865	0.065	1.029	1.600	1.414	0.388
2691	26.90	-1.176	-2.682	-3.471	-3.121	-1.654	0.446	2.416	3.521	3.352	1.978
2701	27.00	-0.105	-2.199	-3.692	-4.274	-4.004	-3.210	-2.283	-1.491	-0.885	-0.330
2711	27.10	0.367	1.307	2.426	3.502	4.260	4.498	4.179	3.443	2.542	1.727
2721	27.20	1.147	0.788	0.489	0.020	-0.815	-2.074	-3.609	-5.067	-5.962	-5.813
2731	27.30	-4.311	-1.472	2.285	6.187	9.286	10.721	10.008	7.223	3.024	-1.525
2741	27.40	-5.275	-7.350	-7.413	-5.748	-3.125	-0.508	1.279	1.821	1.196	-0.109
2751	27.50	-1.433	-2.206	-2.154	-1.375	-0.261	0.676	1.017	0.593	-0.458	-1.753
2761	27.60	-2.810	-3.230	-2.844	-1.767	-0.354	0.934	1.698	1.744	1.146	0.207
2771	27.70	-0.661	-1.095	-0.916	-0.185	0.833	1.772	2.309	2.280	1.731	0.898
2781	27.80	0.117	-0.294	-0.147	0.556	1.614	2.686	3.398	3.464	2.791	1.526
2791	27.90	0.028	-1.244	-1.885	-1.692	-0.753	0.581	1.822	2.529	2.484	1.770
2801	28.00	0.732	-0.180	-0.604	-0.413	0.247	1.043	1.614	1.739	1.415	0.831
2811	28.10	0.248	-0.144	-0.313	-0.383	-0.551	-0.956	-1.591	-2.288	-2.785	-2.866
2821	28.20	-2.369	-1.442	-0.324	0.634	1.092	0.824	-0.211	-1.842	-3.697	-5.265
2831	28.30	-6.007	-5.518	-3.683	-0.793	2.459	5.133	6.322	5.482	2.680	-1.356
2841	28.40	-5.431	-8.277	-9.005	-7.431	-4.156	-0.335	2.757	4.205	3.780	1.978
2851	28.50	-0.222	-1.786	-2.047	-0.957	0.936	2.747	3.646	3.198	1.536	-0.717
2861	28.60	-2.705	-3.684	-3.305	-1.726	0.469	2.508	3.728	3.796	2.809	1.212
2871	28.70	-0.399	-1.499	-1.818	-1.395	-0.510	0.464	1.221	1.620	1.688	1.553
2881	28.80	1.329	1.054	0.679	0.137	-0.564	-1.288	-1.776	-1.749	-1.035	0.315
2891	28.90	1.998	3.531	4.402	4.246	2.985	0.867	-1.593	-3.753	-5.025	-5.034
2901	29.00	-3.723	-1.378	1.439	4.038	5.789	6.315	5.621	4.097	2.385	1.134
2911	29.10	0.737	1.150	1.897	2.284	1.731	0.097	-2.177	-4.192	-4.960	-3.867
2921	29.20	-1.023	2.687	5.889	7.257	6.060	2.497	-2.354	-6.939	-9.824	-10.224
2931	29.30	-8.252	-4.800	-1.121	1.667	2.962	2.788	1.641	0.171	-1.107	-1.976
2941	29.40	-2.482	-2.784	-2.990	-3.077	-2.928	-2.434	-1.609	-0.616	0.289	0.876
2951	29.50	1.044	0.864	0.532	0.282	0.278	0.568	1.079	1.655	2.116	2.303
2961	29.60	2.107	1.507	0.594	-0.415	-1.203	-1.437	-0.902	0.372	2.069	3.562
2971	29.70	4.302	3.869	2.279	-0.002	-2.205	-3.564	-3.636	-2.499	-0.716	0.906
2981	29.80	1.671	1.294	0.005	-1.581	-2.755	-3.038	-2.364	-1.065	0.337	1.393
2991	29.90	1.922	2.039	2.014	2.052	2.131	1.990	1.273	-0.224	-2.358	-4.597

Table 7-8-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-6.165	-6.341	-4.767	-1.643	2.295	5.988	8.407	8.884	7.314	4.174
3011	30.10	0.340	-3.186	-5.567	-6.336	-5.468	-3.323	-0.505	2.325	4.602	5.964
3021	30.20	6.293	5.693	4.425	2.829	1.238	-0.080	-0.961	-1.356	-1.312	-0.948
3031	30.30	-0.420	0.111	0.504	0.664	0.550	0.188	-0.337	-0.893	-1.326	-1.492
3041	30.40	-1.297	-0.729	0.126	1.081	1.878	2.241	1.949	0.918	-0.747	-2.730
3051	30.50	-4.559	-5.717	-5.796	-4.645	-2.458	0.247	2.760	4.396	4.721	3.705
3061	30.60	1.739	-0.505	-2.320	-3.221	-3.114	-2.305	-1.338	-0.745	-0.797	-1.383
3071	30.70	-2.065	-2.291	-1.668	-0.177	1.780	3.516	4.343	3.863	2.153	-0.245
3081	30.80	-2.531	-3.959	-4.128	-3.136	-1.520	-0.041	0.626	0.146	-1.356	-3.352
3091	30.90	-5.112	-5.963	-5.511	-3.760	-1.109	1.782	4.174	5.468	5.370	3.984
3101	31.00	1.796	-0.457	-2.007	-2.307	-1.234	0.846	3.184	4.918	5.497	4.499
3111	31.10	2.608	0.549	-0.813	-0.953	0.059	1.571	2.633	2.451	0.784	-1.883
3121	31.20	-4.497	-5.865	-5.178	-2.387	1.732	5.853	8.599	9.061	7.111	3.407
3131	31.30	-0.892	-4.560	-6.704	-6.992	-5.647	-3.271	-0.604	1.695	3.173	3.620
3141	31.40	3.062	1.727	-0.004	-1.663	-2.812	-3.176	-2.737	-1.765	-0.711	-0.032
3151	31.50	0.014	-0.524	-1.316	-1.918	-1.995	-1.480	-0.605	0.228	0.663	0.566
3161	31.60	0.081	-0.470	-0.776	-0.706	-0.371	-0.028	0.102	-0.013	-0.173	-0.060
3171	31.70	0.558	1.646	2.868	3.712	3.744	2.841	1.280	-0.361	-1.467	-1.665
3181	31.80	-0.985	0.169	1.231	1.740	1.540	0.803	-0.105	-0.836	-1.220	-1.301
3191	31.90	-1.234	-1.122	-0.916	-0.438	0.482	1.833	3.332	4.492	4.829	4.110
3201	32.00	2.507	0.565	-1.019	-1.706	-1.359	-0.307	0.813	1.362	0.990	-0.211
3211	32.10	-1.770	-3.081	-3.683	-3.465	-2.674	-1.758	-1.124	-0.946	-1.101	-1.278
3221	32.20	-1.163	-0.617	0.255	1.162	1.776	1.892	1.501	0.766	-0.087	-0.881
3231	32.30	-1.556	-2.140	-2.675	-3.131	-3.378	-3.236	-2.566	-1.370	0.119	1.780
3241	32.40	3.108	3.920	4.119	3.738	2.887	1.690	0.258	-1.277	-2.712	-3.755
3251	32.50	-4.077	-3.451	-1.895	0.226	2.255	3.438	3.221	1.513	-1.206	-4.009
3261	32.60	-5.838	-5.919	-4.075	-0.819	2.823	5.705	6.980	6.401	4.359	1.685
3271	32.70	-0.714	-2.188	-2.526	-1.934	-0.840	0.346	1.385	2.232	2.928	3.458
3281	32.80	3.680	3.372	2.384	0.792	-1.035	-2.529	-3.146	-2.623	-1.135	0.729
3291	32.90	2.188	2.589	1.689	-0.238	-2.504	-4.291	-4.981	-4.391	-2.816	-0.887
3301	33.00	0.709	1.485	1.313	0.414	-0.778	-1.814	-2.388	-2.411	-1.985	-1.310
3311	33.10	-0.597	0.003	0.408	0.595	0.581	0.412	0.160	-0.083	-0.230	-0.235
3321	33.20	-0.135	-0.051	-0.157	-0.593	-1.385	-2.386	-3.300	-3.770	-3.516	-2.469
3331	33.30	-0.826	0.987	2.448	3.123	2.827	1.695	0.142	-1.279	-2.071	-1.960
3341	33.40	-0.975	0.586	2.271	3.648	4.437	4.578	4.204	3.548	2.832	2.188
3351	33.50	1.642	1.158	0.702	0.295	0.021	-0.022	0.208	0.648	1.124	1.410
3361	33.60	1.327	0.821	0.012	-0.848	-1.461	-1.601	-1.201	-0.373	0.628	1.502
3371	33.70	1.995	1.977	1.454	0.556	-0.517	-1.547	-2.336	-2.743	-2.699	-2.225
3381	33.80	-1.430	-0.498	0.352	0.926	1.112	0.920	0.476	-0.023	-0.386	-0.493
3391	33.90	-0.334	-0.003	0.349	0.573	0.576	0.337	-0.091	-0.605	-1.076	-1.368
3401	34.00	-1.358	-0.959	-0.159	0.949	2.152	3.151	3.640	3.412	2.461	1.011
3411	34.10	-0.530	-1.699	-2.139	-1.739	-0.671	0.660	1.768	2.258	1.961	0.980
3421	34.20	-0.368	-1.675	-2.590	-2.927	-2.694	-2.063	-1.280	-0.569	-0.066	0.218
3431	34.30	0.368	0.520	0.793	1.233	1.787	2.312	2.624	2.567	2.079	1.228
3441	34.40	0.204	-0.745	-1.403	-1.662	-1.563	-1.265	-0.972	-0.833	-0.879	-1.017
3451	34.50	-1.080	-0.928	-0.514	0.083	0.695	1.149	1.342	1.276	1.031	0.704
3461	34.60	0.341	-0.084	-0.634	-1.337	-2.115	-2.776	-3.077	-2.836	-2.046	-0.919
3471	34.70	0.168	0.812	0.758	0.022	-1.099	-2.133	-2.620	-2.304	-1.244	0.206
3481	34.80	1.528	2.239	2.067	1.055	-0.470	-2.020	-3.119	-3.472	-3.048	-2.079
3491	34.90	-0.959	-0.098	0.232	-0.013	-0.627	-1.240	-1.459	-1.024	0.071	1.554

Table 7-8-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	2.962	3.805	3.750	2.760	1.119	-0.666	-2.051	-2.648	-2.359	-1.384
3511	35.10	-0.117	1.025	1.759	2.011	1.885	1.564	1.186	0.786	0.313	-0.287
3521	35.20	-0.969	-1.546	-1.735	-1.279	-0.089	1.657	3.533	4.984	5.518	4.886
3531	35.30	3.180	0.798	-1.688	-3.721	-4.924	-5.181	-4.620	-3.519	-2.178	-0.823
3541	35.40	0.430	1.555	2.550	3.374	3.921	4.035	3.581	2.518	0.971	-0.769
3551	35.50	-2.295	-3.200	-3.207	-2.286	-0.683	1.138	2.637	3.386	3.218	2.287
3561	35.60	0.998	-0.152	-0.781	-0.770	-0.297	0.262	0.517	0.248	-0.491	-1.407
3571	35.70	-2.117	-2.331	-1.995	-1.305	-0.596	-0.165	-0.118	-0.317	-0.471	-0.303
3581	35.80	0.276	1.091	1.764	1.894	1.261	-0.040	-1.609	-2.896	-3.424	-2.991
3591	35.90	-1.743	-0.110	1.374	2.272	2.386	1.786	0.735	-0.435	-1.439	-2.090
3601	36.00	-2.297	-2.040	-1.353	-0.337	0.818	1.829	2.374	2.207	1.275	-0.206
3611	36.10	-1.783	-2.907	-3.136	-2.323	-0.685	1.259	2.883	3.690	3.487	2.435
3621	36.20	0.952	-0.469	-1.446	-1.828	-1.689	-1.240	-0.702	-0.207	0.222	0.642
3631	36.30	1.112	1.641	2.172	2.608	2.856	2.859	2.603	2.102	1.381	0.471
3641	36.40	-0.570	-1.642	-2.604	-3.300	-3.611	-3.503	-3.041	-2.356	-1.593	-0.850
3651	36.50	-0.158	0.491	1.087	1.553	1.760	1.583	1.001	0.168	-0.597	-0.921
3661	36.60	-0.543	0.534	1.984	3.257	3.783	3.217	1.607	-0.597	-2.707	-4.061
3671	36.70	-4.284	-3.415	-1.870	-0.249	0.921	1.374	1.173	0.626	0.108	-0.115
3681	36.80	0.020	0.386	0.766	0.980	0.972	0.813	0.651	0.610	0.729	0.933
3691	36.90	1.073	0.990	0.582	-0.147	-1.081	-2.012	-2.693	-2.899	-2.495	-1.496
3701	37.00	-0.085	1.406	2.590	3.136	2.902	1.991	0.731	-0.447	-1.181	-1.328
3711	37.10	-1.020	-0.595	-0.428	-0.740	-1.475	-2.310	-2.802	-2.602	-1.640	-0.183
3721	37.20	1.263	2.165	2.195	1.375	0.071	-1.166	-1.833	-1.677	-0.793	0.436
3731	37.30	1.510	2.019	1.794	0.963	-0.127	-1.049	-1.457	-1.204	-0.378	0.246
3741	37.40	1.806	2.472	2.555	2.058	1.168	0.198	-0.527	-0.776	-0.497	0.169
3751	37.50	0.942	1.512	1.659	1.341	0.698	-0.015	-0.536	-0.711	-0.539	-0.161
3761	37.60	0.225	0.452	0.451	0.254	-0.044	-0.343	-0.575	-0.714	-0.747	-0.652
3771	37.70	-0.405	-0.014	0.443	0.804	0.874	0.520	-0.225	-1.120	-1.773	-1.790
3781	37.80	-0.961	0.598	2.446	3.951	4.538	3.913	2.197	-0.128	-2.406	-4.068
3791	37.90	-4.828	-4.745	-4.129	-3.354	-2.679	-2.157	-1.676	-1.076	-0.284	0.618
3801	38.00	1.428	1.935	2.030	1.757	1.290	0.825	0.487	0.279	0.117	-0.086
3811	38.10	-0.336	-0.543	-0.566	-0.322	0.131	0.589	0.783	0.518	-0.207	-1.167
3821	38.20	-1.997	-2.353	-2.084	-1.311	-0.378	0.302	0.446	0.027	-0.712	-1.383
3831	38.30	-1.636	-1.324	-0.560	0.348	1.056	1.345	1.210	0.845	0.520	0.460
3841	38.40	0.641	0.980	1.219	1.146	0.687	-0.058	-0.870	-1.506	-1.807	-1.752
3851	38.50	-1.447	-1.052	-0.698	-0.430	-0.205	0.061	0.431	0.885	1.319	1.578
3861	38.60	1.521	1.090	0.340	-0.567	-1.415	-1.998	-2.180	-1.930	-1.312	-0.456
3871	38.70	0.492	1.409	2.216	2.873	3.360	3.647	3.682	3.395	2.724	1.657
3881	38.80	0.244	-1.286	-2.747	-3.837	-4.317	-4.057	-3.081	-1.577	0.142	1.715
3891	38.90	2.818	3.250	2.980	2.148	1.022	-0.083	-0.891	-1.245	-1.142	-0.722
3901	39.00	-0.216	0.143	0.199	-0.068	-0.540	-1.002	-1.226	-1.063	-0.502	0.315
3911	39.10	1.138	1.695	1.791	1.378	0.579	-0.355	-1.131	-1.514	-1.405	-0.877
3921	39.20	-0.135	0.556	0.976	1.028	0.787	0.376	0.077	0.036	0.281	0.682
3931	39.30	1.001	1.000	0.558	-0.252	-1.161	-1.803	-1.862	-1.226	-0.061	1.219
3941	39.40	2.109	2.210	1.415	-0.027	-1.588	-2.665	-2.819	-1.967	-0.417	1.252
3951	39.50	2.423	2.693	2.024	0.745	-0.600	-1.484	-1.604	-0.976	0.101	1.206
3961	39.60	1.968	2.205	1.950	1.386	0.735	0.162	-0.269	-0.562	-0.744	-0.820
3971	39.70	-0.772	-0.597	-0.353	-0.167	-0.197	-0.555	-1.235	-2.083	-2.841	-3.245
3981	39.80	-3.125	-2.471	-1.422	-0.192	1.022	2.108	3.029	3.779	4.304	4.472
3991	39.90	4.114	3.118	1.531	-0.384	-2.200	-3.458	-3.839	-3.293	-2.062	-0.582

Table 7-8-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.695	1.473	1.710	1.596	1.424	1.434	1.690	2.060	2.289	2.138
4011	40.10	1.500	0.464	-0.727	-1.769	-2.415	-2.552	-2.220	-1.571	-0.799	-0.073
4021	40.20	0.489	0.834	0.951	0.856	0.591	0.215	-0.198	-0.567	-0.831	-0.963
4031	40.30	-0.973	-0.888	-0.733	-0.509	-0.198	0.215	0.701	1.174	1.500	1.548
4041	40.40	1.251	0.657	-0.072	-0.713	-1.067	-1.046	-0.715	-0.269	0.051	0.058
4051	40.50	-0.298	-0.904	-1.537	-1.951	-1.979	-1.596	-0.926	-0.183	0.406	0.687
4061	40.60	0.623	0.291	-0.160	-0.568	-0.811	-0.863	-0.691	-0.436	-0.178	0.002
4071	40.70	0.060	-0.001	-0.149	-0.343	-0.546	-0.746	-0.940	-1.121	-1.252	-1.263
4081	40.80	-1.065	-0.588	0.168	1.102	2.009	2.639	2.773	2.317	1.346	0.101
4091	40.90	-1.093	-1.939	-2.267	-2.088	-1.566	-0.935	-0.388	-0.012	0.234	0.453
4101	41.00	0.729	1.052	1.301	1.302	0.920	0.155	-0.824	-1.724	-2.235	-2.149
4111	41.10	-1.456	-0.345	0.862	1.838	2.358	2.373	1.993	1.416	0.839	0.374
4121	41.20	0.031	-0.257	-0.577	-0.971	-1.412	-1.803	-2.020	-1.957	-1.569	-0.888
4131	41.30	-0.025	0.855	1.567	1.945	1.887	1.390	0.566	-0.367	-1.140	-1.501
4141	41.40	-1.305	-0.567	0.528	1.676	2.551	2.916	2.701	2.020	1.120	0.290
4151	41.50	-0.247	-0.399	-0.226	0.108	0.410	0.534	0.431	0.157	-0.167	-0.406
4161	41.60	-0.468	-0.337	-0.081	0.169	0.264	0.085	-0.410	-1.167	-2.038	-2.814
4171	41.70	-3.289	-3.318	-2.870	-2.030	-0.978	0.077	0.957	1.556	1.849	1.861
4181	41.80	1.632	1.183	0.529	-0.298	-1.205	-2.032	-2.573	-2.650	-2.184	-1.244
4191	41.90	-0.036	1.171	2.139	2.748	3.017	3.069	3.040	3.001	2.916	2.682
4201	42.00	2.203	1.482	0.648	-0.078	-0.475	-0.437	-0.029	0.534	0.974	1.078
4211	42.10	0.790	0.225	-0.392	-0.838	-0.991	-0.871	-0.603	-0.335	-0.155	-0.058
4221	42.20	0.028	0.179	0.403	0.621	0.713	0.585	0.246	-0.173	-0.473	-0.476
4231	42.30	-0.125	0.474	1.083	1.430	1.321	0.718	-0.246	-1.329	-2.277	-2.910
4241	42.40	-3.164	-3.079	-2.748	-2.264	-1.687	-1.053	-0.396	0.228	0.737	1.053
4251	42.50	1.132	0.993	0.719	0.420	0.194	0.082	0.059	0.049	-0.037	-0.257
4261	42.60	-0.612	-1.044	-1.456	-1.741	-1.816	-1.648	-1.263	-0.740	-0.190	0.271
4271	42.70	0.562	0.656	0.591	0.448	0.308	0.217	0.153	0.067	-0.180	-0.555
4281	42.80	-1.013	-1.404	-1.554	-1.350	-0.811	-0.109	0.494	0.764	0.615	0.164
4291	42.90	-0.296	-0.430	-0.020	0.917	2.110	3.139	3.613	3.340	2.416	1.180
4301	43.00	0.062	-0.606	-0.718	-0.414	0.017	0.305	0.332	0.182	0.074	0.224
4311	43.10	0.705	1.389	1.994	2.220	1.895	1.069	-0.000	-0.960	-1.514	-1.547
4321	43.20	-1.154	-0.584	-0.112	0.086	-0.014	-0.278	-0.523	-0.609	-0.505	-0.296
4331	43.30	-0.132	-0.136	-0.337	-0.642	-0.875	-0.844	-0.430	0.354	1.342	2.258
4341	43.40	2.788	2.686	1.859	0.428	-1.289	-2.843	-3.794	-3.854	-3.005	-1.533
4351	43.50	0.045	1.157	1.379	0.613	-0.863	-2.675	-3.565	-3.640	-2.567	-0.628
4361	43.60	1.587	3.401	4.304	4.125	3.059	1.561	0.137	-0.843	-1.258	-1.213
4371	43.70	-0.942	-0.666	-0.498	-0.436	-0.420	-0.412	-0.444	-0.600	-0.938	-1.409
4381	43.80	-1.832	-1.940	-1.511	-0.496	0.906	2.285	3.170	3.220	2.381	0.928
4391	43.90	-0.636	-1.778	-2.151	-1.719	-0.761	0.274	0.960	1.071	0.648	-0.059
4401	44.00	-0.729	-1.131	-1.206	-1.061	-0.866	-0.741	-0.672	-0.529	-0.149	0.547
4411	44.10	1.471	2.379	2.958	2.967	2.347	1.258	0.017	-1.027	-1.627	-1.720
4421	44.20	-1.420	-0.943	-0.498	-0.207	-0.075	-0.033	-0.000	0.053	0.094	0.053
4431	44.30	-0.112	-0.381	-0.658	-0.813	-0.745	-0.430	0.058	0.578	0.979	1.162
4441	44.40	1.113	0.897	0.618	0.375	0.220	0.156	0.146	0.146	0.128	0.086
4451	44.50	0.041	0.018	0.042	0.124	0.251	0.386	0.466	0.408	0.138	-0.376
4461	44.60	-1.083	-1.835	-2.403	-2.546	-2.101	-1.068	0.355	1.811	2.899	3.313
4471	44.70	2.966	2.027	0.859	-0.120	-0.604	-0.513	-0.015	0.561	0.881	0.755
4481	44.80	0.218	-0.490	-1.037	-1.155	-0.756	0.024	0.888	1.502	1.630	1.226
4491	44.90	0.437	-0.465	-1.198	-1.567	-1.527	-1.167	-0.656	-0.166	0.186	0.359

Table 7-8-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.374	0.280	0.121	-0.069	-0.270	-0.451	-0.571	-0.581	-0.450	-0.188
4511	45.10	0.143	0.448	0.630	0.636	0.487	0.268	0.095	0.058	0.173	0.370
4521	45.20	0.516	0.481	0.202	-0.271	-0.787	-1.149	-1.202	-0.900	-0.336	0.288
4531	45.30	0.746	0.873	0.638	0.141	-0.429	-0.880	-1.093	-1.051	-0.829	-0.537
4541	45.40	-0.262	-0.040	0.135	0.279	0.373	0.359	0.169	-0.221	-0.749	-1.255
4551	45.50	-1.535	-1.423	-0.875	-0.006	0.943	1.689	2.024	1.886	1.374	0.689
4561	45.60	0.038	-0.449	-0.752	-0.929	-1.041	-1.094	-1.009	-0.673	-0.013	0.926
4571	45.70	1.961	2.817	3.228	3.050	2.322	1.255	0.146	-0.734	-1.235	-1.361
4581	45.80	-1.237	-1.027	-0.863	-0.798	-0.817	-0.874	-0.940	-1.019	-1.130	-1.279
4591	45.90	-1.435	-1.529	-1.496	-1.312	-1.023	-0.726	-0.523	-0.458	-0.485	-0.484
4601	46.00	-0.324	0.063	0.628	1.211	1.608	1.665	1.354	0.794	0.194	-0.240
4611	46.10	-0.404	-0.339	-0.200	-0.171	-0.363	-0.750	-1.178	-1.436	-1.355	-0.890
4621	46.20	-0.142	0.689	1.387	1.803	1.895	1.722	1.389	0.992	0.585	0.179
4631	46.30	-0.225	-0.604	-0.909	-1.079	-1.080	-0.933	-0.716	-0.529	-0.449	-0.489
4641	46.40	-0.594	-0.671	-0.644	-0.491	-0.258	-0.025	0.141	0.238	0.334	0.531
4651	46.50	0.905	1.444	2.031	2.479	2.605	2.309	1.632	0.740	-0.131	-0.765
4661	46.60	-1.050	-0.999	-0.739	-0.438	-0.238	-0.202	-0.307	-0.473	-0.609	-0.656
4671	46.70	-0.607	-0.493	-0.363	-0.253	-0.171	-0.097	0.004	0.162	0.395	0.695
4681	46.80	1.031	1.359	1.627	1.786	1.807	1.687	1.453	1.156	0.853	0.587
4691	46.90	0.368	0.176	-0.028	-0.271	-0.547	-0.804	-0.965	-0.954	-0.738	-0.351
4701	47.00	0.112	0.526	0.780	0.815	0.646	0.343	-0.000	-0.305	-0.529	-0.670
4711	47.10	-0.742	-0.756	-0.703	-0.562	-0.322	-0.003	0.327	0.567	0.621	0.432
4721	47.20	0.026	-0.487	-0.935	-1.135	-0.952	-0.355	0.557	1.573	2.413	2.811
4731	47.30	2.594	1.744	0.428	-1.039	-2.278	-2.952	-2.881	-2.104	-0.870	0.438
4741	47.40	1.432	1.847	1.625	0.924	0.042	-0.703	-1.093	-1.078	-0.776	-0.399
4751	47.50	-0.153	-0.154	-0.394	-0.763	-1.113	-1.333	-1.388	-1.314	-1.188	-1.073
4761	47.60	-0.991	-0.920	-0.819	-0.666	-0.476	-0.293	-0.165	-0.114	-0.117	-0.126
4771	47.70	-0.096	-0.020	0.058	0.063	-0.063	-0.317	-0.612	-0.796	-0.718	-0.303
4781	47.80	0.398	1.202	1.852	2.115	1.873	1.182	0.253	-0.626	-1.198	-1.338
4791	47.90	-1.090	-0.635	-0.209	0.010	-0.033	-0.253	-0.480	-0.549	-0.385	-0.035
4801	48.00	0.352	0.603	0.611	0.385	0.049	-0.224	-0.296	-0.139	0.152	0.406
4811	48.10	0.463	0.265	-0.116	-0.497	-0.679	-0.545	-0.127	0.402	0.800	0.876
4821	48.20	0.586	0.062	-0.441	-0.655	-0.434	0.179	0.952	1.564	1.738	1.365
4831	48.30	0.552	-0.419	-1.213	-1.576	-1.433	-0.912	-0.267	0.227	0.398	0.233
4841	48.40	-0.134	-0.506	-0.718	-0.717	-0.576	-0.440	-0.439	-0.610	-0.861	-1.005
4851	48.50	-0.846	-0.280	0.642	1.703	2.591	3.010	2.789	1.954	0.722	-0.568
4861	48.60	-1.565	-2.018	-1.844	-1.141	-0.140	0.871	1.634	1.975	1.842	1.290
4871	48.70	0.464	-0.439	-1.212	-1.676	-1.718	-1.321	-0.579	0.321	1.140	1.661
4881	48.80	1.755	1.432	0.842	0.223	-0.186	-0.232	0.088	0.627	1.143	1.394
4891	48.90	1.232	0.666	-0.144	-0.941	-1.466	-1.550	-1.173	-0.462	0.351	1.014
4901	49.00	1.340	1.261	0.846	0.264	-0.272	-0.588	-0.598	-0.325	0.113	0.558
4911	49.10	0.875	0.997	0.942	0.793	0.650	0.578	0.574	0.575	0.495	0.276
4921	49.20	-0.069	-0.453	-0.752	-0.856	-0.731	-0.433	-0.084	0.181	0.285	0.242
4931	49.30	0.166	0.119	0.240	0.494	0.769	0.904	0.764	0.311	-0.369	-1.096
4941	49.40	-1.663	-1.915	-1.803	-1.389	-0.800	-0.173	0.397	0.871	1.240	1.495
4951	49.50	1.591	1.456	1.025	0.291	-0.661	-1.654	-2.464	-2.895	-2.848	-2.363
4961	49.60	-1.604	-0.806	-0.194	0.088	0.023	-0.287	-0.660	-0.902	-0.871	-0.523
4971	49.70	0.070	0.746	1.296	1.534	1.354	0.776	-0.050	-0.879	-1.442	-1.536
4981	49.80	-1.091	-0.205	0.879	1.850	2.424	2.447	1.937	1.080	0.159	-0.545
4991	49.90	-0.850	-0.729	-0.309	0.189	0.535	0.578	0.294	-0.213	-0.762	-1.169

Table 7-8-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.324	-1.225	-0.974	-0.726	-0.620	-0.714	-0.960	-1.222	-1.336	-1.181
5011	50.10	-0.738	-0.108	0.524	0.953	1.040	0.760	0.222	-0.375	-0.815	-0.938
5021	50.20	-0.698	-0.177	0.454	0.984	1.242	1.138	0.692	0.028	-0.669	-1.191
5031	50.30	-1.372	-1.126	-0.481	0.421	1.350	2.053	2.327	2.086	1.397	0.465
5041	50.40	-0.433	-1.045	-1.230	-1.010	-0.547	-0.072	0.212	0.207	-0.066	-0.409
5051	50.50	-0.722	-0.881	-0.884	-0.811	-0.769	-0.813	-0.904	-0.922	-0.730	-0.255
5061	50.60	0.451	1.213	1.796	2.008	1.780	1.203	0.484	-0.147	-0.540	-0.680
5071	50.70	-0.672	-0.669	-0.769	-0.952	-1.078	-0.963	-0.491	0.297	1.184	1.853
5081	50.80	2.014	1.548	0.578	-0.557	-1.426	-1.676	-1.181	-0.096	1.203	2.266
5091	50.90	2.740	2.500	1.678	0.590	-0.403	-1.037	-1.230	-1.078	-0.782	-0.544
5101	51.00	-0.473	-0.563	-0.719	-0.822	-0.797	-0.640	-0.400	-0.141	0.099	0.327
5111	51.10	0.568	0.827	1.062	1.181	1.084	0.723	0.146	-0.493	-0.988	-1.162
5121	51.20	-0.945	-0.418	0.214	0.700	0.851	0.613	0.097	-0.475	-0.858	-0.890
5131	51.30	-0.550	0.036	0.659	1.106	1.245	1.060	0.643	0.139	-0.313	-0.630
5141	51.40	-0.789	-0.817	-0.749	-0.603	-0.366	-0.013	0.467	1.063	1.637	2.130
5151	51.50	2.405	2.377	2.029	1.421	0.673	-0.066	-0.660	-1.026	-1.143	-1.060
5161	51.60	-0.863	-0.652	-0.500	-0.441	-0.460	-0.509	-0.529	-0.476	-0.336	-0.131
5171	51.70	0.085	0.246	0.293	0.197	-0.034	-0.346	-0.649	-0.838	-0.825	-0.574
5181	51.80	-0.117	0.433	0.917	1.176	1.108	0.721	0.140	-0.426	-0.756	-0.706
5191	51.90	-0.269	0.409	1.075	1.466	1.402	0.867	0.008	-0.913	-1.619	-1.912
5201	52.00	-1.735	-1.175	-0.413	0.351	0.962	1.345	1.496	1.445	1.223	0.841
5211	52.10	0.301	-0.379	-1.139	-1.869	-2.425	-2.675	-2.540	-2.024	-1.221	-0.289
5221	52.20	0.590	1.253	1.601	1.610	1.336	0.895	0.429	0.071	-0.086	-0.018
5231	52.30	0.231	0.561	0.855	1.014	0.990	0.801	0.518	0.233	0.022	-0.076
5241	52.40	-0.073	-0.014	0.045	0.060	0.014	-0.087	-0.222	-0.365	-0.491	-0.578
5251	52.50	-0.610	-0.580	-0.498	-0.399	-0.343	-0.392	-0.583	-0.902	-1.266	-1.544
5261	52.60	-1.592	-1.316	-0.713	0.117	0.992	1.709	2.111	2.133	1.814	1.279
5271	52.70	0.686	0.174	-0.172	-0.330	-0.334	-0.246	-0.135	-0.056	-0.039	-0.085
5281	52.80	-0.166	-0.231	-0.227	-0.121	0.074	0.297	0.448	0.430	0.204	-0.185
5291	52.90	-0.598	-0.856	-0.808	-0.411	0.238	0.924	1.390	1.444	1.038	0.294
5301	53.00	-0.547	-1.218	-1.536	-1.459	-1.094	-0.630	-0.252	-0.067	-0.077	-0.206
5311	53.10	-0.356	-0.460	-0.509	-0.536	-0.579	-0.646	-0.709	-0.727	-0.679	-0.590
5321	53.20	-0.527	-0.556	-0.699	-0.902	-1.046	-1.000	-0.690	-0.152	0.471	0.978
5331	53.30	1.200	1.080	0.699	0.251	-0.054	-0.081	0.164	0.535	0.817	0.824
5341	53.40	0.490	-0.091	-0.706	-1.105	-1.108	-0.676	0.075	0.922	1.618	1.983
5351	53.50	1.955	1.595	1.049	0.481	0.021	-0.272	-0.410	-0.452	-0.470	-0.517
5361	53.60	-0.617	-0.758	-0.913	-1.051	-1.147	-1.195	-1.203	-1.186	-1.158	-1.122
5371	53.70	-1.064	-0.961	-0.787	-0.526	-0.189	0.185	0.536	0.796	0.921	0.903
5381	53.80	0.776	0.608	0.467	0.396	0.391	0.402	0.357	0.198	-0.084	-0.432
5391	53.90	-0.734	-0.868	-0.743	-0.346	0.245	0.882	1.399	1.666	1.637	1.360
5401	54.00	0.954	0.562	0.292	0.179	0.184	0.216	0.187	0.052	-0.165	-0.381
5411	54.10	-0.490	-0.418	-0.158	0.219	0.589	0.826	0.855	0.686	0.409	0.158
5421	54.20	0.050	0.132	0.359	0.609	0.738	0.642	0.309	-0.169	-0.637	-0.933
5431	54.30	-0.962	-0.732	-0.353	0.018	0.242	0.264	0.130	-0.031	-0.077	0.082
5441	54.40	0.434	0.870	1.224	1.350	1.182	0.763	0.228	-0.258	-0.564	-0.640
5451	54.50	-0.531	-0.338	-0.173	-0.107	-0.146	-0.245	-0.339	-0.386	-0.383	-0.366
5461	54.60	-0.386	-0.470	-0.607	-0.743	-0.805	-0.733	-0.501	-0.133	0.304	0.721
5471	54.70	1.033	1.177	1.126	0.898	0.549	0.175	-0.118	-0.228	-0.102	0.247
5481	54.80	0.728	1.190	1.471	1.456	1.125	0.567	-0.046	-0.525	-0.737	-0.659
5491	54.90	-0.384	-0.979	0.090	0.027	-0.246	-0.607	-0.890	-0.953	-0.742	-0.310

Table 7-8-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.215	0.680	0.970	1.041	0.917	0.668	0.369	0.075	-0.187	-0.398
5511	55.10	-0.539	-0.584	-0.511	-0.329	-0.087	0.126	0.216	0.124	-0.133	-0.459
5521	55.20	-0.706	-0.736	-0.480	0.025	0.641	1.180	1.473	1.437	1.100	0.588
5531	55.30	0.066	-0.325	-0.515	-0.526	-0.442	-0.362	-0.357	-0.435	-0.550	-0.625
5541	55.40	-0.594	-0.436	-0.181	0.094	0.294	0.343	0.208	-0.089	-0.470	-0.828
5551	55.50	-1.052	-1.059	-0.827	-0.400	0.116	0.582	0.863	0.876	0.613	0.150
5561	55.60	-0.380	-0.832	-1.092	-1.118	-0.945	-0.662	-0.377	-0.175	-0.091	-0.107
5571	55.70	-0.174	-0.236	-0.258	-0.233	-0.180	-0.126	-0.095	-0.101	-0.147	-0.233
5581	55.80	-0.353	-0.495	-0.627	-0.702	-0.664	-0.474	-0.130	0.309	0.731	1.007
5591	55.90	1.031	0.772	0.287	-0.290	-0.798	-1.109	-1.170	-1.021	-0.763	-0.511
5601	56.00	-0.338	-0.256	-0.221	-0.171	-0.072	0.055	0.145	0.122	-0.051	-0.337
5611	56.10	-0.631	-0.793	-0.711	-0.353	0.211	0.830	1.322	1.544	1.439	1.053
5621	56.20	0.512	-0.025	-0.424	-0.613	-0.598	-0.450	-0.267	-0.141	-0.124	-0.216
5631	56.30	-0.366	-0.492	-0.519	-0.406	-0.171	0.105	0.302	0.303	0.050	-0.419
5641	56.40	-0.967	-1.392	-1.502	-1.189	-0.490	0.417	1.263	1.786	1.830	1.405
5651	56.50	0.685	-0.060	-0.566	-0.677	-0.392	0.144	0.709	1.094	1.179	0.966
5661	56.60	0.555	0.093	-0.289	-0.516	-0.578	-0.514	-0.372	-0.196	-0.011	0.168
5671	56.70	0.320	0.421	0.441	0.368	0.216	0.025	-0.145	-0.243	-0.240	-0.144
5681	56.80	0.609	0.168	0.288	0.341	0.321	0.244	0.137	0.034	-0.032	-0.031
5691	56.90	0.048	0.198	0.381	0.545	0.635	0.621	0.515	0.370	0.262	0.248
5701	57.00	0.340	0.486	0.588	0.551	0.329	-0.040	-0.441	-0.730	-0.794	-0.613
5711	57.10	-0.266	0.095	0.322	0.337	0.173	-0.045	-0.158	-0.058	0.251	0.650
5721	57.20	0.954	1.000	0.729	0.220	-0.334	-0.705	-0.734	-0.396	0.183	0.774
5731	57.30	1.137	1.120	0.710	0.043	-0.653	-1.143	-1.264	-0.980	-0.386	0.335
5741	57.40	0.967	1.335	1.349	1.025	0.477	-0.127	-0.613	-0.848	-0.782	-0.457
5751	57.50	0.008	0.457	0.753	0.817	0.656	0.357	0.051	-0.142	-0.151	0.017
5761	57.60	0.285	0.544	0.689	0.667	0.483	0.199	-0.101	-0.338	-0.468	-0.484
5771	57.70	-0.415	-0.306	-0.202	-0.136	-0.128	-0.184	-0.297	-0.444	-0.593	-0.703
5781	57.80	-0.738	-0.682	-0.550	-0.386	-0.254	-0.210	-0.273	-0.415	-0.557	-0.602
5791	57.90	-0.475	-0.153	0.312	0.807	1.194	1.361	1.263	0.936	0.484	0.039
5801	58.00	-0.287	-0.441	-0.433	-0.331	-0.217	-0.155	-0.166	-0.224	-0.276	-0.267
5811	58.10	-0.168	0.014	0.237	0.436	0.552	0.544	0.401	0.149	-0.162	-0.459
5821	58.20	-0.671	-0.741	-0.644	-0.406	-0.100	0.163	0.269	0.143	-0.218	-0.727
5831	58.30	-1.224	-1.531	-1.511	-1.138	-0.510	0.169	0.656	0.804	0.540	-0.014
5841	58.40	-0.628	-1.045	-1.091	-0.742	-0.146	0.444	0.775	0.707	0.273	-0.327
5851	58.50	-0.811	-0.939	-0.618	0.056	0.834	1.420	1.591	1.294	0.657	-0.070
5861	58.60	-0.625	-0.845	-0.726	-0.405	-0.087	0.060	-0.022	-0.260	-0.493	-0.557
5871	58.70	-0.367	0.045	0.545	0.959	1.148	1.061	0.749	0.325	-0.083	-0.388
5881	58.80	-0.564	-0.635	-0.649	-0.644	-0.633	-0.610	-0.560	-0.483	-0.388	-0.293
5891	58.90	-0.208	-0.126	-0.033	0.081	0.212	0.332	0.408	0.416	0.363	0.277
5901	59.00	0.200	0.158	0.145	0.125	0.056	-0.087	-0.283	-0.472	-0.580	-0.557
5911	59.10	-0.406	-0.175	0.061	0.248	0.373	0.468	0.573	0.695	0.783	0.743
5921	59.20	0.490	0.013	-0.565	-1.104	-1.324	-1.106	-0.474	0.373	1.124	1.489
5931	59.30	1.324	0.698	-0.134	-0.842	-1.168	-1.040	-0.586	-0.068	0.256	0.256
5941	59.40	-0.008	-0.328	-0.458	-0.243	0.301	0.985	1.539	1.726	1.452	0.801
5951	59.50	-0.009	-0.715	-1.112	-1.118	-0.778	-0.222	0.394	0.943	1.348	1.575
5961	59.60	1.622	1.500	1.234	0.870	0.473	0.119	-0.132	-0.257	-0.278	-0.252
5971	59.70	-0.243	-0.285	-0.372	-0.460	-0.498	-0.455	-0.338	-0.190	-0.063	0.008
5981	59.80	0.024	0.017	0.029	0.080	0.161	0.228	0.228	0.123	-0.092	-0.389
5991	59.90	-0.714	-1.008	-1.214	-1.289	-1.198	-0.926	-0.486	0.066	0.630	1.077

Table 7-8-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	1.288	1.198	0.836	0.323	-0.166	-0.467	-0.495	-0.280	0.054	0.343
6011	60.10	0.464	0.388	0.188	-0.003	-0.071	0.018	0.195	0.323	0.287	0.025
6021	60.20	-0.391	-0.797	-1.011	-0.914	-0.511	0.063	0.600	0.908	0.887	0.567
6031	60.30	0.086	-0.384	-0.696	-0.800	-0.742	-0.625	-0.548	-0.560	-0.632	-0.686
6041	60.40	-0.636	-0.435	-0.107	0.263	0.561	0.695	0.626	0.387	0.060	-0.252
6051	60.50	-0.469	-0.556	-0.529	-0.438	-0.343	-0.284	-0.274	-0.300	-0.337	-0.366
6061	60.60	-0.383	-0.404	-0.444	-0.508	-0.581	-0.626	-0.603	-0.486	-0.280	-0.022
6071	60.70	0.231	0.421	0.514	0.511	0.439	0.340	0.246	0.165	0.085	-0.019
6081	60.80	-0.158	-0.322	-0.472	-0.558	-0.532	-0.369	-0.081	0.295	0.698	1.060
6091	60.90	1.315	1.408	1.301	0.989	0.506	-0.059	-0.578	-0.911	-0.951	-0.672
6101	61.00	-0.154	0.429	0.864	0.977	0.706	0.141	-0.502	-0.956	-1.006	-0.576
6111	61.10	0.231	1.168	1.931	2.270	2.078	1.420	0.508	-0.387	-1.026	-1.278
6121	61.20	-1.145	-0.741	-0.236	0.209	0.690	0.578	0.506	0.347	0.178	0.062
6131	61.30	0.036	0.108	0.263	0.469	0.681	0.845	0.915	0.861	0.677	0.391
6141	61.40	0.062	-0.241	-0.452	-0.529	-0.463	-0.301	-0.089	0.100	0.214	0.226
6151	61.50	0.147	0.011	-0.132	-0.239	-0.288	-0.276	-0.221	-0.146	-0.072	-0.011
6161	61.60	0.034	0.061	0.067	0.043	-0.020	-0.121	-0.239	-0.341	-0.385	-0.343
6171	61.70	-0.213	-0.029	0.151	0.262	0.264	0.158	-0.012	-0.175	-0.262	-0.233
6181	61.80	-0.097	0.092	0.258	0.330	0.267	0.075	-0.201	-0.493	-0.729	-0.857
6191	61.90	-0.850	-0.712	-0.471	-0.170	0.135	0.389	0.541	0.559	0.437	0.199
6201	62.00	-0.099	-0.388	-0.597	-0.676	-0.608	-0.412	-0.135	0.162	0.423	0.612
6211	62.10	0.713	0.733	0.687	0.588	0.442	0.241	-0.022	-0.347	-0.709	-1.057
6221	62.20	-1.314	-1.404	-1.275	-0.926	-0.424	0.108	0.528	0.720	0.643	0.349
6231	62.30	-0.032	-0.334	-0.426	-0.261	0.102	0.518	0.821	0.887	0.695	0.329
6241	62.40	-0.056	-0.300	-0.307	-0.085	0.261	0.575	0.718	0.625	0.323	-0.083
6251	62.50	-0.457	-0.691	-0.737	-0.614	-0.390	-0.147	0.051	0.172	0.210	0.173
6261	62.60	0.076	-0.067	-0.232	-0.382	-0.464	-0.432	-0.263	0.015	0.328	0.570
6271	62.70	0.643	0.493	0.138	-0.334	-0.799	-1.137	-1.274	-1.199	-0.959	-0.628
6281	62.80	-0.275	0.056	0.349	0.596	0.780	0.868	0.818	0.606	0.254	-0.162
6291	62.90	-0.529	-0.733	-0.705	-0.458	-0.083	0.283	0.510	0.525	0.340	0.043
6301	63.00	-0.243	-0.416	-0.432	-0.317	-0.150	-0.018	0.019	-0.048	-0.180	-0.317
6311	63.10	-0.409	-0.431	-0.397	-0.335	-0.275	-0.229	-0.192	-0.147	-0.079	0.010
6321	63.20	0.106	0.184	0.224	0.220	0.180	0.123	0.074	0.054	0.078	0.149
6331	63.30	0.255	0.365	0.434	0.414	0.274	0.021	-0.287	-0.548	-0.649	-0.510
6341	63.40	-0.129	0.403	0.928	1.270	1.312	1.044	0.568	0.057	-0.321	-0.479
6351	63.50	-0.439	-0.320	-0.258	-0.336	-0.525	-0.693	-0.669	-0.334	0.302	1.083
6361	63.60	1.759	2.086	1.934	1.343	0.515	-0.268	-0.754	-0.824	-0.521	-0.024
6371	63.70	0.434	0.668	0.603	0.297	-0.106	-0.437	-0.577	-0.493	-0.243	0.059
6381	63.80	0.291	0.367	0.261	0.014	-0.287	-0.541	-0.668	-0.635	-0.466	-0.239
6391	63.90	-0.054	0.003	-0.102	-0.333	-0.594	-0.764	-0.751	-0.533	-0.173	0.203
6401	64.00	0.458	0.502	0.333	0.039	-0.240	-0.369	-0.272	0.040	0.484	0.940
6411	64.10	1.301	1.501	1.525	1.391	1.127	0.756	0.307	-0.180	-0.635	-0.965
6421	64.20	-1.080	-0.932	-0.541	-0.001	0.548	0.965	1.155	1.099	0.844	0.478
6431	64.30	0.085	-0.273	-0.566	-0.778	-0.890	-0.869	-0.686	-0.341	0.114	0.572
6441	64.40	0.902	0.994	0.808	0.397	-0.114	-0.569	-0.845	-0.895	-0.757	-0.524
6451	64.50	-0.301	-0.155	-0.100	-0.102	-0.114	-0.108	-0.084	-0.073	-0.104	-0.184
6461	64.60	-0.293	-0.392	-0.649	-0.458	-0.446	-0.452	-0.501	-0.582	-0.644	-0.618
6471	64.70	-0.459	-0.173	0.165	0.441	0.540	0.401	0.045	-0.422	-0.849	-1.095
6481	64.80	-1.075	-0.796	-0.340	0.160	0.573	0.810	0.838	0.681	0.399	0.063
6491	64.90	-0.261	-0.524	-0.693	-0.748	-0.681	-0.501	-0.232	0.079	0.377	0.607

Table 7-8-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.733	0.749	0.680	0.575	0.487	0.455	0.487	0.559	0.624	0.629
6511	65.10	0.538	0.346	0.083	-0.197	-0.425	-0.548	-0.533	-0.383	-0.126	0.190
6521	65.20	0.514	0.797	1.004	1.108	1.094	0.960	0.719	0.405	0.068	-0.232
6531	65.30	-0.436	-0.513	-0.466	-0.337	-0.197	-0.118	-0.144	-0.277	-0.665	-0.627
6541	65.40	-0.679	-0.572	-0.312	0.037	0.371	0.588	0.621	0.465	0.176	-0.146
6551	65.50	-0.400	-0.519	-0.490	-0.360	-0.210	-0.123	-0.145	-0.272	-0.451	-0.604
6561	65.60	-0.664	-0.605	-0.451	-0.267	-0.132	-0.096	-0.174	-0.312	-0.438	-0.478
6571	65.70	-0.396	-0.211	0.012	0.188	0.251	0.189	0.046	-0.091	-0.133	-0.031
6581	65.80	0.201	0.485	0.712	0.783	0.657	0.365	0.009	-0.282	-0.396	-0.284
6591	65.90	0.017	0.400	0.722	0.856	0.733	0.375	-0.122	-0.612	-0.951	-1.044
6601	66.00	-0.871	-0.496	-0.039	0.361	0.594	0.605	0.412	0.088	-0.265	-0.553
6611	66.10	-0.713	-0.728	-0.622	-0.440	-0.235	-0.048	0.097	0.193	0.244	0.258
6621	66.20	0.246	0.217	0.178	0.130	0.065	-0.027	-0.157	-0.319	-0.484	-0.599
6631	66.30	-0.600	-0.434	-0.086	0.399	0.927	1.372	1.627	1.637	1.428	1.093
6641	66.40	0.757	0.528	0.455	0.512	0.617	0.670	0.602	0.406	0.132	-0.133
6651	66.50	-0.311	-0.361	-0.295	-0.164	-0.032	0.055	0.084	0.070	0.038	0.009
6661	66.60	-0.018	-0.051	-0.102	-0.164	-0.216	-0.228	-0.181	-0.081	0.038	0.128
6671	66.70	0.151	0.095	-0.016	-0.134	-0.211	-0.221	-0.175	-0.112	-0.081	-0.112
6681	66.80	-0.205	-0.325	-0.423	-0.456	-0.412	-0.312	-0.198	-0.115	-0.087	-0.112
6691	66.90	-0.165	-0.210	-0.226	-0.207	-0.170	-0.138	-0.129	-0.148	-0.183	-0.214
6701	67.00	-0.225	-0.212	-0.182	-0.150	-0.134	-0.142	-0.176	-0.230	-0.293	-0.354
6711	67.10	-0.402	-0.426	-0.417	-0.373	-0.300	-0.216	-0.147	-0.119	-0.141	-0.203
6721	67.20	-0.274	-0.311	-0.283	-0.187	-0.052	0.068	0.121	0.082	-0.030	-0.154
6731	67.30	-0.210	-0.140	0.066	0.356	0.630	0.782	0.740	0.499	0.127	-0.263
6741	67.40	-0.555	-0.670	-0.594	-0.373	-0.088	0.178	0.368	0.460	0.462	0.396
6751	67.50	0.281	0.132	-0.035	-0.194	-0.308	-0.342	-0.277	-0.130	0.043	0.169
6761	67.60	0.185	0.074	-0.123	-0.312	-0.392	-0.293	-0.021	0.345	0.672	0.834
6771	67.70	0.759	0.467	0.060	-0.312	-0.514	-0.476	-0.216	0.168	0.543	0.787
6781	67.80	0.831	0.681	0.400	0.087	-0.165	-0.294	-0.285	-0.163	0.013	0.178
6791	67.90	0.275	0.268	0.159	-0.020	-0.209	-0.338	-0.349	-0.217	0.038	0.352
6801	68.00	0.637	0.809	0.816	0.657	0.376	0.051	-0.239	-0.434	-0.511	-0.477
6811	68.10	-0.362	-0.196	-0.009	0.173	0.326	0.415	0.410	0.290	0.067	-0.209
6821	68.20	-0.456	-0.582	-0.524	-0.274	0.108	0.511	0.815	0.931	0.836	0.578
6831	68.30	0.255	-0.030	-0.207	-0.262	-0.234	-0.183	-0.165	-0.198	-0.266	-0.329
6841	68.40	-0.353	-0.331	-0.279	-0.234	-0.221	-0.246	-0.286	-0.306	-0.279	-0.205
6851	68.50	-0.105	-0.018	0.033	0.045	0.046	0.072	0.166	0.261	0.376	0.437
6861	68.60	0.403	0.268	0.073	-0.121	-0.251	-0.290	-0.250	-0.175	-0.112	-0.085
6871	68.70	-0.078	-0.051	0.039	0.203	0.412	0.601	0.701	0.672	0.525	0.317
6881	68.80	0.128	0.023	0.027	0.116	0.234	0.320	0.335	0.270	0.148	-0.001
6891	68.90	-0.149	-0.278	-0.377	-0.433	-0.427	-0.345	-0.189	0.006	0.182	0.269
6901	69.00	0.221	0.044	-0.200	-0.414	-0.503	-0.417	-0.182	0.116	0.361	0.460
6911	69.10	0.382	0.166	-0.095	-0.303	-0.392	-0.357	-0.239	-0.106	-0.011	0.028
6921	69.20	0.028	0.023	0.038	0.076	0.117	0.133	0.107	0.045	-0.028	-0.083
6931	69.30	-0.102	-0.092	-0.077	-0.082	-0.120	-0.181	-0.237	-0.263	-0.247	-0.204
6941	69.40	-0.167	-0.167	-0.220	-0.313	-0.410	-0.473	-0.472	-0.408	-0.303	-0.189
6951	69.50	-0.094	-0.031	0.003	0.018	0.018	-0.002	-0.049	-0.122	-0.203	-0.253
6961	69.60	-0.231	-0.117	0.071	0.273	0.408	0.404	0.242	-0.033	-0.318	-0.488
6971	69.70	-0.455	-0.201	0.200	0.613	0.887	0.920	0.699	0.300	-0.138	-0.473
6981	69.80	-0.613	-0.550	-0.350	-0.121	0.036	0.065	-0.027	-0.190	-0.358	-0.480
6991	69.90	-0.538	-0.541	-0.510	-0.460	-0.391	-0.298	-0.183	-0.067	0.011	0.015

Table 7-8-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.062	-0.189	-0.297	-0.309	-0.176	0.091	0.417	0.687	0.798	0.706
7011	70.10	0.444	0.115	-0.151	-0.257	-0.178	0.035	0.278	0.446	0.478	0.379
7021	70.20	0.208	0.046	-0.049	-0.061	-0.016	0.040	0.073	0.077	0.076	0.100
7031	70.30	0.167	0.264	0.354	0.396	0.370	0.286	0.182	0.103	0.076	0.095
7041	70.40	0.125	0.126	0.070	-0.038	-0.167	-0.272	-0.321	-0.313	-0.270	-0.228
7051	70.50	-0.213	-0.226	-0.244	-0.233	-0.169	-0.055	0.081	0.194	0.245	0.219
7061	70.60	0.130	0.013	-0.092	-0.154	-0.163	-0.131	-0.076	-0.018	0.033	0.081
7071	70.70	0.132	0.199	0.287	0.396	0.518	0.635	0.723	0.757	0.711	0.575
7081	70.80	0.356	0.087	-0.182	-0.394	-0.508	-0.505	-0.403	-0.249	-0.096	0.002
7091	70.90	0.045	0.018	-0.039	-0.090	-0.104	-0.070	0.006	0.103	0.196	0.264
7101	71.00	0.295	0.286	0.244	0.181	0.112	0.052	0.010	-0.010	-0.013	-0.011
7111	71.10	-0.018	-0.062	-0.084	-0.136	-0.175	-0.192	-0.175	-0.123	-0.044	0.053
7121	71.20	0.159	0.264	0.358	0.423	0.440	0.391	0.270	0.093	-0.103	-0.266
7131	71.30	-0.352	-0.339	-0.240	-0.099	0.026	0.090	0.076	0.005	-0.079	-0.128
7141	71.40	-0.119	-0.060	0.013	0.058	0.047	-0.015	-0.093	-0.144	-0.134	-0.059
7151	71.50	0.049	0.141	0.171	0.122	0.013	-0.109	-0.196	-0.213	-0.165	-0.084
7161	71.60	-0.021	-0.014	-0.074	-0.177	-0.279	-0.333	-0.314	-0.230	-0.115	-0.014
7171	71.70	0.036	0.026	-0.027	-0.089	-0.125	-0.120	-0.079	-0.029	0.001	-0.006
7181	71.80	-0.045	-0.093	-0.124	-0.120	-0.083	-0.034	-0.003	-0.008	-0.050	-0.105
7191	71.90	-0.144	-0.142	-0.097	-0.033	0.015	0.015	-0.041	-0.128	-0.203	-0.218
7201	72.00	-0.151	-0.011	0.159	0.303	0.378	0.367	0.286	0.171	0.059	-0.030
7211	72.10	-0.094	-0.142	-0.180	-0.198	-0.176	-0.093	0.050	0.222	0.363	0.414
7221	72.20	0.340	0.156	-0.076	-0.268	-0.345	-0.279	-0.105	0.095	0.226	0.223
7231	72.30	0.082	-0.145	-0.368	-0.503	-0.502	-0.378	-0.183	0.008	0.137	0.179
7241	72.40	0.146	0.071	-0.009	-0.073	-0.115	-0.139	-0.153	-0.156	-0.140	-0.101
7251	72.50	-0.041	0.026	0.082	0.113	0.115	0.100	0.083	0.075	0.075	0.067
7261	72.60	0.034	-0.051	-0.118	-0.196	-0.229	-0.194	-0.094	0.037	0.151	0.205
7271	72.70	0.183	0.106	0.028	0.007	0.084	0.259	0.488	0.704	0.834	0.839
7281	72.80	0.719	0.517	0.294	0.111	-0.001	-0.044	-0.044	-0.060	-0.057	-0.099
7291	72.90	-0.150	-0.187	-0.191	-0.163	-0.118	-0.083	-0.078	-0.106	-0.152	-0.189
7301	73.00	-0.196	-0.169	-0.121	-0.082	-0.076	-0.111	-0.173	-0.226	-0.236	-0.178
7311	73.10	-0.068	0.057	0.148	0.165	0.096	-0.033	-0.170	-0.258	-0.256	-0.161
7321	73.20	-0.000	0.174	0.312	0.378	0.366	0.294	0.189	0.082	-0.010	-0.079
7331	73.30	-0.126	-0.155	-0.168	-0.167	-0.155	-0.139	-0.129	-0.131	-0.148	-0.170
7341	73.40	-0.186	-0.184	-0.163	-0.130	-0.103	-0.100	-0.132	-0.193	-0.269	-0.336
7351	73.50	-0.377	-0.382	-0.354	-0.304	-0.246	-0.191	-0.146	-0.116	-0.106	-0.117
7361	73.60	-0.168	-0.192	-0.231	-0.247	-0.223	-0.154	-0.050	0.068	0.178	0.266
7371	73.70	0.333	0.389	0.446	0.502	0.540	0.529	0.444	0.284	0.079	-0.110
7381	73.80	-0.221	-0.214	-0.094	0.084	0.241	0.309	0.266	0.149	0.045	0.045
7391	73.90	0.206	0.509	0.864	1.136	1.205	1.016	0.695	0.091	-0.368	-0.636
7401	74.00	-0.647	-0.427	-0.076	0.274	0.510	0.579	0.491	0.306	0.102	-0.061
7411	74.10	-0.156	-0.190	-0.187	-0.169	-0.147	-0.118	-0.076	-0.018	0.045	0.096
7421	74.20	0.114	0.093	0.037	-0.035	-0.103	-0.150	-0.172	-0.170	-0.150	-0.118
7431	74.30	-0.074	-0.018	0.043	0.097	0.125	0.113	0.057	-0.027	-0.114	-0.173
7441	74.40	-0.187	-0.158	-0.105	-0.059	-0.045	-0.069	-0.116	-0.159	-0.173	-0.167
7451	74.50	-0.095	-0.044	-0.024	-0.054	-0.129	-0.225	-0.309	-0.354	-0.348	-0.300
7461	74.60	-0.231	-0.164	-0.114	-0.086	-0.078	-0.082	-0.093	-0.107	-0.122	-0.133
7471	74.70	-0.134	-0.121	-0.097	-0.073	-0.066	-0.087	-0.134	-0.190	-0.226	-0.218
7481	74.80	-0.160	-0.070	0.011	0.044	0.010	-0.074	-0.153	-0.162	-0.050	0.184
7491	74.90	0.489	0.770	0.929	0.901	0.691	0.366	0.038	-0.184	-0.236	-0.121

Table 7-8-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	0.095	0.316	0.454	0.461	0.345	0.154	-0.051	-0.220	-0.334	-0.401
7511	75.10	-0.438	-0.454	-0.434	-0.353	-0.187	0.056	0.331	0.560	0.659	0.575
7521	75.20	0.316	-0.047	-0.393	-0.599	-0.586	-0.354	0.016	0.392	0.635	0.658
7531	75.30	0.455	0.100	-0.282	-0.568	-0.683	-0.625	-0.453	-0.257	-0.114	-0.059
7541	75.40	-0.076	-0.115	-0.129	-0.098	-0.040	0.001	-0.012	-0.090	-0.198	-0.274
7551	75.50	-0.253	-0.104	0.151	0.446	0.693	0.819	0.800	0.662	0.471	0.297
7561	75.60	0.188	0.146	0.139	0.115	0.038	-0.099	-0.271	-0.431	-0.536	-0.564
7571	75.70	-0.521	-0.436	-0.342	-0.260	-0.193	-0.127	-0.046	0.055	0.161	0.242
7581	75.80	0.262	0.200	0.061	-0.121	-0.289	-0.385	-0.366	-0.229	-0.008	0.230
7591	75.90	0.407	0.464	0.378	0.176	-0.075	-0.291	-0.404	-0.383	-0.248	-0.061
7601	76.00	0.100	0.171	0.127	-0.009	-0.179	-0.317	-0.374	-0.338	-0.237	-0.119
7611	76.10	-0.033	-0.006	-0.035	-0.097	-0.156	-0.187	-0.180	-0.143	-0.090	-0.035
7621	76.20	0.020	0.080	0.150	0.228	0.303	0.354	0.365	0.329	0.255	0.163
7631	76.30	0.079	0.019	-0.011	-0.020	-0.017	-0.011	0.001	0.028	0.080	0.160
7641	76.40	0.254	0.336	0.373	0.345	0.246	0.100	-0.056	-0.180	-0.241	-0.231
7651	76.50	-0.168	-0.088	-0.025	-0.001	-0.014	-0.041	-0.050	-0.014	0.071	0.185
7661	76.60	0.288	0.342	0.322	0.233	0.108	-0.002	-0.055	-0.028	0.068	0.195
7671	76.70	0.304	0.357	0.339	0.263	0.165	0.079	0.031	0.023	0.042	0.068
7681	76.80	0.087	0.099	0.119	0.158	0.222	0.300	0.367	0.393	0.360	0.265
7691	76.90	0.125	-0.032	-0.179	-0.299	-0.391	-0.461	-0.520	-0.568	-0.600	-0.603
7701	77.00	-0.568	-0.497	-0.403	-0.310	-0.239	-0.198	-0.183	-0.176	-0.152	-0.097
7711	77.10	-0.011	0.088	0.172	0.216	0.206	0.146	0.060	-0.022	-0.071	-0.073
7721	77.20	-0.032	0.031	0.086	0.108	0.085	0.023	-0.058	-0.131	-0.175	-0.183
7731	77.30	-0.161	-0.128	-0.101	-0.094	-0.107	-0.131	-0.151	-0.157	-0.146	-0.127
7741	77.40	-0.110	-0.107	-0.117	-0.135	-0.151	-0.153	-0.142	-0.124	-0.109	-0.108
7751	77.50	-0.121	-0.141	-0.156	-0.156	-0.140	-0.117	-0.101	-0.103	-0.124	-0.152
7761	77.60	-0.170	-0.166	-0.138	-0.102	-0.080	-0.088	-0.124	-0.160	-0.149	-0.068
7771	77.70	0.160	0.451	0.758	0.992	1.070	0.953	0.664	0.285	-0.071	-0.297
7781	77.80	-0.335	-0.196	0.050	0.301	0.465	0.498	0.414	0.276	0.160	0.125
7791	77.90	0.181	0.291	0.392	0.424	0.362	0.222	0.053	-0.090	-0.173	-0.199
7801	78.00	-0.198	-0.209	-0.251	-0.311	-0.345	-0.305	-0.165	0.059	0.309	0.505
7811	78.10	0.581	0.514	0.334	0.111	-0.076	-0.171	-0.165	-0.095	-0.018	0.013
7821	78.20	-0.019	-0.094	-0.168	-0.185	-0.120	0.020	0.193	0.343	0.423	0.408
7831	78.30	0.307	0.154	-0.004	-0.124	-0.181	-0.171	-0.113	-0.037	0.023	0.039
7841	78.40	0.006	-0.064	-0.138	-0.180	-0.162	-0.082	0.035	0.143	0.196	0.167
7851	78.50	0.064	-0.074	-0.195	-0.255	-0.240	-0.174	-0.098	-0.053	-0.051	-0.077
7861	78.60	-0.091	-0.066	-0.001	0.065	0.074	-0.022	-0.227	-0.487	-0.713	-0.815
7871	78.70	-0.751	-0.547	-0.293	-0.099	-0.042	-0.128	-0.288	-0.408	-0.392	-0.209
7881	78.80	0.089	0.390	0.571	0.566	0.389	0.133	-0.083	-0.164	-0.090	0.081
7891	78.90	0.247	0.315	0.250	0.087	-0.086	-0.178	-0.142	0.002	0.178	0.291
7901	79.00	0.279	0.139	-0.071	-0.266	-0.368	-0.350	-0.235	-0.087	0.028	0.068
7911	79.10	0.036	-0.033	-0.093	-0.112	-0.087	-0.038	0.002	0.012	-0.009	-0.046
7921	79.20	-0.075	-0.079	-0.059	-0.030	-0.009	-0.008	-0.027	-0.051	-0.065	-0.061
7931	79.30	-0.043	-0.022	-0.013	-0.022	-0.042	-0.060	-0.063	-0.047	-0.021	-0.003
7941	79.40	-0.007	-0.037	-0.079	-0.107	-0.094	-0.024	0.099	0.250	0.390	0.483
7951	79.50	0.506	0.454	0.344	0.208	0.078	-0.018	-0.064	-0.057	-0.007	0.068
7961	79.60	0.145	0.199	0.216	0.188	0.125	0.044	-0.030	-0.076	-0.085	-0.061
7971	79.70	-0.023	0.009	0.017	0.001	-0.031	-0.059	-0.067	-0.050	-0.018	0.011
7981	79.80	0.019	-0.001	-0.040	-0.079	-0.094	-0.068	-0.004	0.080	0.159	0.208
7991	79.90	0.212	0.174	0.110	0.040	-0.018	-0.054	-0.068	-0.064	-0.049	-0.028

Table 7-8-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-0.007	0.009	0.014	0.003	-0.028	-0.073	-0.126	-0.174	-0.210	-0.232
8011	80.10	-0.244	-0.253	-0.263	-0.269	-0.261	-0.228	-0.168	-0.091	-0.019	0.024
8021	80.20	0.021	-0.021	-0.079	-0.116	-0.106	-0.039	0.066	0.169	0.229	0.221
8031	80.30	0.152	0.055	-0.025	-0.049	-0.006	0.084	0.180	0.236	0.225	0.148
8041	80.40	0.036	-0.074	-0.137	-0.134	-0.068	0.037	0.146	0.228	0.259	0.229
8051	80.50	0.142	0.013	-0.131	-0.260	-0.342	-0.352	-0.284	-0.152	0.008	0.153
8061	80.60	0.241	0.254	0.195	0.095	-0.007	-0.078	-0.100	-0.080	-0.041	-0.009
8071	80.70	-0.001	-0.020	-0.053	-0.081	-0.084	-0.053	0.010	0.096	0.190	0.275
8081	80.80	0.333	0.349	0.312	0.222	0.094	-0.043	-0.149	-0.186	-0.136	-0.005
8091	80.90	0.171	0.338	0.446	0.460	0.381	0.238	0.078	-0.050	-0.118	-0.119
8101	81.00	-0.076	-0.060	0.015	0.007	-0.048	-0.139	-0.243	-0.333	-0.387	-0.391
8111	81.10	-0.344	-0.261	-0.167	-0.090	-0.052	-0.056	-0.086	-0.109	-0.087	0.002
8121	81.20	0.154	0.335	0.491	0.567	0.533	0.395	0.196	-0.003	-0.141	-0.186
8131	81.30	-0.143	-0.045	0.057	0.123	0.130	0.086	0.014	-0.054	-0.097	-0.105
8141	81.40	-0.084	-0.048	-0.013	0.009	0.010	-0.009	-0.045	-0.084	-0.111	-0.107
8151	81.50	-0.061	0.030	0.147	0.258	0.325	0.322	0.240	0.101	-0.054	-0.178
8161	81.60	-0.238	-0.223	-0.153	-0.065	0.005	0.033	0.018	-0.023	-0.063	-0.084
8171	81.70	-0.078	-0.055	-0.029	-0.014	-0.016	-0.031	-0.048	-0.058	-0.057	-0.050
8181	81.80	-0.041	-0.037	-0.038	-0.041	-0.042	-0.038	-0.032	-0.029	-0.038	-0.064
8191	81.90	-0.109	-0.167	-0.228	-0.276	-0.297	-0.276	-0.208	-0.095	0.047	0.195
8201	82.00	0.320	0.395	0.406	0.353	0.251	0.124	-0.005	-0.117	-0.203	-0.261
8211	82.10	-0.289	-0.285	-0.246	-0.177	-0.090	-0.012	0.027	0.006	-0.083	-0.208
8221	82.20	-0.325	-0.380	-0.341	-0.208	-0.021	0.158	0.269	0.279	0.197	0.066
8231	82.30	-0.056	-0.122	-0.120	-0.070	-0.013	0.013	-0.007	-0.058	-0.105	-0.115
8241	82.40	-0.080	-0.019	0.031	0.031	-0.034	-0.146	-0.262	-0.335	-0.334	-0.263
8251	82.50	-0.158	-0.063	-0.016	-0.023	-0.061	-0.093	-0.091	-0.053	-0.003	0.019
8261	82.60	-0.016	-0.099	-0.187	-0.213	-0.120	0.107	0.423	0.735	0.936	0.946
8271	82.70	0.753	0.414	0.042	-0.241	-0.351	-0.276	-0.073	0.157	0.314	0.341
8281	82.80	0.241	0.076	-0.071	-0.131	-0.081	0.048	0.192	0.281	0.273	0.172
8291	82.90	0.025	-0.100	-0.147	-0.090	0.053	0.231	0.382	0.456	0.432	0.324
8301	83.00	0.171	0.022	-0.083	-0.124	-0.105	-0.053	-0.003	0.012	-0.026	-0.111
8311	83.10	-0.218	-0.312	-0.360	-0.346	-0.279	-0.190	-0.119	-0.098	-0.131	-0.192
8321	83.20	-0.230	-0.196	-0.061	0.158	0.405	0.599	0.668	0.580	0.357	0.073
8331	83.30	-0.178	-0.319	-0.317	-0.197	-0.031	0.095	0.118	0.021	-0.164	-0.368
8341	83.40	-0.515	-0.556	-0.481	-0.323	-0.140	0.009	0.083	0.075	0.009	-0.074
8351	83.50	-0.130	-0.134	-0.085	-0.004	0.070	0.100	0.063	-0.042	-0.189	-0.339
8361	83.60	-0.450	-0.492	-0.457	-0.361	-0.234	-0.113	-0.023	0.024	0.031	0.012
8371	83.70	-0.018	-0.049	-0.071	-0.081	-0.073	-0.049	-0.013	0.019	0.029	0.004
8361	83.80	-0.055	-0.124	-0.159	-0.116	0.031	0.267	0.528	0.727	0.780	0.652
8391	83.90	0.374	0.039	-0.230	-0.335	-0.240	0.005	0.294	0.504	0.556	0.446
8401	84.00	0.244	0.060	-0.005	0.087	0.304	0.557	0.745	0.796	0.701	0.504
8411	84.10	0.282	0.103	0.004	-0.020	0.000	0.030	0.047	0.047	0.039	0.026
8421	84.20	0.007	-0.029	-0.086	-0.157	-0.218	-0.244	-0.216	-0.143	-0.051	0.023
8431	84.30	0.052	0.037	0.002	-0.022	-0.014	0.021	0.051	0.038	-0.035	-0.152
8441	84.40	-0.264	-0.315	-0.272	-0.145	0.007	0.111	0.118	0.029	-0.095	-0.163
8451	84.50	-0.103	0.097	0.375	0.614	0.696	0.558	0.223	-0.203	-0.577	-0.781
8461	84.60	-0.771	-0.587	-0.334	-0.125	-0.032	-0.060	-0.153	-0.235	-0.248	-0.183
8471	84.70	-0.080	-0.001	0.009	-0.060	-0.171	-0.266	-0.293	-0.235	-0.117	0.012
8481	84.80	0.099	0.117	0.069	-0.009	-0.076	-0.102	-0.080	-0.023	0.043	0.095
8491	84.90	0.122	0.124	0.103	0.066	0.011	-0.061	-0.143	-0.222	-0.278	-0.295

Table 7-8-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1200 S102-GR-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 72.047 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-0.264	-0.196	-0.111	-0.035	0.011	0.023	0.010	-0.012	-0.027	-0.028
8511	85.10	-0.019	-0.007	-0.002	-0.005	-0.013	-0.020	-0.020	-0.014	-0.007	-0.006
8521	85.29	-0.012	-0.022	-0.028	-0.025	-0.013	0.001	0.008	-0.001	-0.024	-0.051
8531	85.30	-0.065	-0.050	-0.001	0.072	0.151	0.210	0.228	0.201	0.136	0.055
8541	85.40	-0.020	-0.067	-0.079	-0.061	-0.026	0.006	0.023	0.018	-0.006	-0.036
8551	85.50	-0.058	-0.061	-0.044	-0.014	0.014	0.025	0.009	-0.028	-0.070	-0.095
8561	85.60	-0.081	-0.023	0.068	0.164	0.233	0.248	0.202	0.110	0.004	-0.079
8571	85.70	-0.111	-0.083	-0.009	0.083	0.160	0.199	0.194	0.155	0.103	0.064
8581	85.80	0.054	0.076	0.120	0.166	0.190	0.176	0.119	0.030	-0.065	-0.136
8591	85.90	-0.159	-0.122	-0.037	0.069	0.158	0.203	0.192	0.137	0.067	0.018
8601	86.00	0.015	0.064	0.151	0.248	0.329	0.377	0.390	0.374	0.336	0.276
8611	86.10	0.191	0.080	-0.068	-0.170	-0.255	-0.278	-0.234	-0.145	-0.057	-0.014
8621	86.20	-0.045	-0.138	-0.251	-0.326	-0.320	-0.225	-0.077	0.058	0.116	0.061
8631	86.30	-0.094	-0.297	-0.474	-0.564	-0.542	-0.424	-0.255	-0.086	0.046	0.129
8641	86.40	0.168	0.179	0.171	0.145	0.099	0.035	-0.034	-0.086	-0.104	-0.083
8651	86.50	-0.038	0.003	0.016	-0.009	-0.058	-0.100	-0.106	-0.068	-0.005	0.045
8661	86.60	0.045	-0.016	-0.113	-0.191	-0.188	-0.069	0.151	0.411	0.626	0.719
8671	86.70	0.658	0.468	0.219	-0.006	-0.141	-0.170	-0.116	-0.034	0.027	0.040
8681	86.80	0.014	-0.026	-0.049	-0.047	-0.031	-0.031	-0.068	-0.144	-0.233	-0.296
8691	86.90	-0.296	-0.222	-0.100	0.022	0.087	0.065	-0.041	-0.187	-0.311	-0.362
8701	87.00	-0.316	-0.195	-0.049	0.062	0.099	0.059	-0.027	-0.106	-0.135	-0.098
8711	87.10	-0.015	0.070	0.108	0.071	-0.032	-0.163	-0.269	-0.311	-0.276	-0.187
8721	87.20	-0.086	-0.015	0.005	-0.018	-0.054	-0.068	-0.043	0.012	0.065	0.080
8731	87.30	0.038	-0.051	-0.150	-0.209	-0.191	-0.091	0.061	0.211	0.307	0.324
8741	87.40	0.272	0.195	0.144	0.156	0.234	0.345	0.435	0.454	0.382	0.232
8751	87.50	0.055	-0.091	-0.160	-0.137	-0.043	0.072	0.156	0.169	0.103	-0.019
8761	87.60	-0.151	-0.247	-0.273	-0.227	-0.130	-0.025	0.046	0.058	0.008	-0.079
8771	87.70	-0.164	-0.212	-0.204	-0.149	-0.078	-0.030	-0.032	-0.088	-0.172	-0.240
8781	87.80	-0.249	-0.178	-0.038	0.131	0.272	0.338	0.305	0.188	0.027	-0.127
8791	87.90	-0.232	-0.271	-0.253	-0.204	-0.153	-0.118	-0.099	-0.086	-0.064	-0.025
8801	88.00	0.023	0.068	0.093	0.088	0.059	0.020	-0.008	-0.013	0.009	0.046
8811	88.10	0.080	0.093	0.076	0.036	-0.008	-0.031	-0.016	0.044	0.135	0.230
8821	88.20	0.297	0.312	0.269	0.183	0.086	0.010	-0.022	-0.006	0.040	0.086
8831	88.30	0.106	0.087	0.039	-0.012	-0.034	-0.008	0.065	0.161	0.247	0.293
8841	88.40	0.287	0.237	0.165	0.097	0.051	0.030	0.026	0.027	0.028	0.029
8851	88.50	0.038	0.054	0.074	0.083	0.070	0.034	-0.011	-0.037	-0.019	0.052
8861	88.60	0.158	0.258	0.310	0.287	0.201	0.095	0.033	0.063	0.194	0.388
8871	88.70	0.567	0.656	0.606	0.426	0.174	-0.064	-0.212	-0.236	-0.155	-0.025
8881	88.80	0.085	0.130	0.103	0.033	-0.034	-0.060	-0.033	0.027	0.084	0.103
8891	88.90	0.068	-0.010	-0.106	-0.188	-0.232	-0.232	-0.195	-0.137	-0.073	-0.016
8901	89.00	0.026	0.046	0.041	0.013	-0.028	-0.064	-0.079	-0.060	-0.014	0.037
8911	89.10	0.063	0.038	-0.042	-0.155	-0.259	-0.314	-0.298	-0.220	-0.120	-0.047
8921	89.20	-0.040	-0.103	-0.207	-0.302	-0.342	-0.309	-0.218	-0.112	-0.036	-0.018
8931	89.30	-0.049	-0.099	-0.129	-0.118	-0.076	-0.038	-0.045	-0.121	-0.254	-0.401
8941	89.40	-0.502	-0.513	-0.425	-0.267	-0.096	0.031	0.081	0.054	-0.023	-0.110
8951	89.50	-0.182	-0.230	-0.265	-0.301	-0.342	-0.378	-0.386	-0.351	-0.276	-0.183
8961	89.60	-0.111	-0.089	-0.126	-0.197	-0.264	-0.286	-0.251	-0.178	-0.113	-0.103
8971	89.70	-0.174	-0.310	-0.458	-0.555	-0.553	-0.444	-0.266	-0.088	0.026	0.041
8981	89.80	-0.031	-0.139	-0.219	-0.222	-0.135	0.012	0.167			

Table 7-9-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.516	12.502	20.458	20.269	11.345	-2.804	-16.019	-22.356	-18.999	-7.716
11	0.10	5.916	15.203	15.641	7.166	-5.810	-16.598	-19.576	-12.983	0.271	14.138
21	0.20	22.508	22.225	14.498	4.037	-3.557	-4.726	0.320	7.958	13.284	12.819
31	0.30	6.305	-3.333	-11.754	-15.626	-14.357	-10.169	-6.554	-6.058	-8.707	-11.998
41	0.40	-12.464	-7.908	1.024	10.884	17.137	16.629	9.450	-0.904	-9.217	-11.247
51	0.50	-5.982	3.765	12.778	16.148	11.850	1.818	-9.056	-15.457	-14.414	-6.792
61	0.60	3.215	10.330	10.975	5.130	-3.694	-10.339	-10.719	-3.994	6.952	16.917
71	0.70	20.947	16.760	5.825	-7.376	-17.485	-20.704	-16.374	-7.017	3.061	9.317
81	0.80	11.159	7.550	1.381	-4.416	-7.762	-8.168	-6.591	-4.632	-3.588	-3.863
91	0.90	-4.958	-5.923	-5.951	-4.759	-2.596	0.026	2.667	5.118	7.317	9.130
101	1.00	10.180	9.917	7.912	4.237	-0.318	-4.366	-6.403	-5.464	-1.650	3.732
111	1.10	8.539	10.555	8.355	1.920	-7.250	-16.586	-23.301	-25.314	-21.924	-13.986
121	1.20	-3.562	6.803	14.907	19.512	20.573	19.037	16.321	13.690	11.776	10.385
131	1.30	8.659	5.497	0.105	-7.537	-16.437	-24.703	-29.994	-30.245	-24.437	-13.183
141	1.40	1.142	14.882	24.144	26.134	20.306	8.826	-3.967	-13.059	-14.716	-8.129
151	1.50	4.018	16.449	23.623	21.270	10.199	-5.522	-19.249	-24.883	-19.753	-6.089
161	1.60	9.724	19.921	18.968	6.353	-12.857	-30.061	-36.962	-29.443	-9.667	14.682
171	1.70	33.723	39.766	30.740	11.035	-10.618	-25.196	-27.430	-17.925	-2.426	11.308
181	1.80	17.393	14.527	6.234	-1.376	-3.057	2.708	12.912	21.627	23.124	14.855
191	1.90	-1.202	-19.471	-33.383	-38.300	-33.284	-20.972	-5.843	8.017	18.417	25.153
201	2.00	28.895	29.806	26.921	18.780	4.924	-12.745	-29.799	-40.710	-41.303	-30.982
211	2.10	-13.442	4.725	16.956	19.762	14.317	5.694	0.100	1.514	9.495	19.351
221	2.20	24.621	20.585	6.973	-11.582	-27.608	-34.350	-28.997	-13.966	4.366	18.750
231	2.30	24.392	20.831	11.573	1.863	-4.101	-4.995	-2.416	0.669	1.979	1.227
241	2.40	-0.054	0.066	2.239	5.046	5.682	1.765	-6.808	-17.158	-24.457	-24.277
251	2.50	-15.053	0.725	17.331	28.323	29.531	20.991	6.847	-6.718	-14.431	-14.262
261	2.60	-7.999	0.101	5.743	6.765	3.925	0.022	-2.015	-0.893	2.406	5.426
271	2.70	5.891	3.174	-1.306	-4.992	-5.828	-3.611	-0.212	1.516	-0.478	-6.013
281	2.80	-12.486	-16.121	-13.996	-5.767	5.919	16.593	22.127	20.760	13.900	5.281
291	2.90	-1.057	-2.887	-0.853	2.060	2.347	-1.914	-9.839	-18.050	-22.356	-19.926
301	3.00	-10.797	2.051	14.060	21.186	21.645	16.461	8.650	1.544	-2.810	-4.369
311	3.10	-4.634	-5.392	-7.412	-9.862	-10.766	-8.227	-1.727	7.231	15.531	19.754
321	3.20	17.763	9.788	-1.504	-12.045	-18.028	-17.497	-11.158	-2.080	5.586	8.330
331	3.30	4.751	-3.836	-13.887	-21.030	-21.838	-15.250	-3.075	10.670	21.342	25.566
341	3.40	22.611	14.657	5.765	-0.031	-0.660	2.959	7.355	8.294	3.119	-7.529
351	3.50	-19.565	-27.130	-25.424	-13.358	5.365	23.445	33.099	29.708	14.230	-6.916
361	3.60	-24.610	-31.241	-24.360	-7.952	9.429	18.842	15.467	1.172	-16.228	-26.767
371	3.70	-23.378	-5.678	19.462	40.976	48.872	39.140	15.850	-10.674	-28.770	-31.065
381	3.80	-18.031	2.291	18.289	20.551	6.550	-18.038	-42.015	-54.018	-47.907	-25.592
391	3.90	3.990	29.158	40.857	36.529	20.721	2.347	-9.861	-11.418	-3.733	7.247
401	4.00	14.483	13.506	4.487	-8.183	-18.351	-21.205	-15.462	-3.653	9.377	18.817
411	4.10	21.847	18.346	10.266	0.279	-9.422	-17.620	-23.775	-27.422	-27.822	-24.202
421	4.20	-16.406	-5.486	6.290	16.167	22.033	23.346	21.292	18.030	15.433	14.003
431	4.30	12.611	9.238	2.324	-8.012	-19.603	-28.970	-32.842	-29.679	-20.455	-8.271
441	4.40	2.986	10.280	12.579	11.009	8.041	6.157	6.682	9.295	12.340	13.704
451	4.50	11.795	6.209	-2.118	-11.222	-18.697	-22.353	-20.801	-13.893	-2.923	9.517
461	4.60	20.106	25.746	24.635	17.042	5.382	-6.586	-15.205	-18.391	-16.460	-11.842
471	4.70	-7.771	-6.564	-8.367	-11.057	-11.399	-6.922	2.480	14.104	23.472	26.397
481	4.80	21.067	9.078	-5.147	-16.301	-20.569	-17.253	-8.890	0.166	5.915	6.542
491	4.90	3.008	-1.804	-4.837	-4.529	-1.527	1.867	3.135	1.031	-3.696	-8.697

Table 7-9-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-11.258	-9.689	-4.098	3.760	11.419	16.813	18.957	17.922	14.255	8.359
511	5.10	0.290	-9.840	-21.178	-31.671	-38.327	-38.264	-30.111	-15.045	3.191	19.458
521	5.20	29.163	30.126	23.477	13.148	4.141	0.361	2.984	10.091	17.676	21.534
531	5.30	19.139	10.693	-1.069	-12.145	-18.957	-19.733	-15.020	-7.207	0.602	5.840
541	5.40	7.326	5.447	1.724	-1.949	-4.039	-3.812	-1.408	2.376	6.415	9.562
551	5.50	10.856	9.655	5.739	-0.588	-8.419	-16.287	-22.389	-25.001	-23.014	-16.391
561	5.60	-6.369	4.754	14.225	19.682	19.933	15.388	7.934	0.291	-4.935	-6.142
571	5.70	-3.221	2.520	8.933	13.860	15.864	14.597	10.734	5.585	0.604	-3.005
581	5.80	-4.496	-3.634	-0.715	3.433	7.489	9.852	9.098	4.618	-2.847	-11.094
591	5.90	-17.012	-17.721	-11.908	-0.707	12.384	22.694	26.289	21.775	11.141	-0.868
601	6.00	-8.653	-8.138	1.458	17.302	34.238	47.071	52.740	51.348	45.578	38.892
611	6.10	33.520	29.339	24.258	15.883	3.504	-10.787	-22.592	-27.213	-22.184	-8.988
621	6.20	7.087	19.064	21.463	13.031	-2.393	-17.443	-24.580	-19.734	-4.464	14.429
631	6.30	27.786	28.171	13.335	-12.554	-40.482	-60.301	-64.944	-53.328	-30.738	-6.595
641	6.40	9.368	10.884	-2.626	-26.148	-51.276	-69.454	-74.956	-66.520	-47.252	-23.113
651	6.50	-0.741	14.514	19.792	14.991	2.294	-14.658	-31.661	-44.732	-50.776	-48.158
661	6.60	-37.116	-19.903	-0.461	16.434	26.431	26.939	18.087	2.906	-13.415	-25.040
671	6.70	-27.297	-18.211	0.756	25.031	48.201	63.853	67.415	57.460	36.122	8.533
681	6.80	-18.545	-38.504	-46.638	-41.385	-24.753	-1.772	20.915	36.981	42.318	36.338
691	6.90	22.199	5.800	-6.197	-8.702	-0.075	17.162	37.082	52.365	56.841	47.648
701	7.00	26.201	-2.357	-30.964	-53.002	-64.324	-64.254	-55.347	-42.139	-29.480	-21.067
711	7.10	-18.603	-21.679	-28.213	-35.201	-39.520	-38.658	-31.380	-18.007	-0.543	17.868
721	7.20	33.923	45.409	52.228	56.644	62.443	73.173	90.109	110.917	129.778	139.194
731	7.30	132.883	108.580	69.451	23.343	-19.968	-52.415	-70.615	-76.822	-77.428	-79.673
741	7.40	-88.067	-102.151	-116.623	-123.705	-116.668	-92.882	-55.082	-10.404	32.230	65.101
751	7.50	83.797	87.705	79.053	61.299	37.813	11.426	-15.245	-39.271	-57.381	-66.696
761	7.60	-65.970	-56.569	-42.467	-28.974	-20.622	-19.147	-22.585	-26.024	-23.733	-11.767
771	7.70	10.166	38.395	66.639	88.354	99.010	97.341	85.214	66.401	45.020	24.365
781	7.80	6.512	-7.458	-17.065	-22.294	-23.831	-23.377	-23.604	-27.463	-36.980	-52.080
791	7.90	-70.096	-86.369	-95.793	-94.651	-81.885	-59.230	-30.203	1.452	32.968	62.800
801	8.00	89.845	112.263	126.799	129.288	116.371	87.667	47.251	3.457	-33.263	-53.755
811	8.10	-53.530	-34.655	-5.317	22.850	38.723	35.477	12.919	-22.356	-58.933	-83.981
821	8.20	-87.106	-63.616	-16.378	44.267	102.715	142.119	149.360	119.577	58.665	-17.531
831	8.30	-87.576	-131.293	-136.804	-105.047	-49.230	7.617	45.808	52.176	27.384	-15.202
841	8.40	-55.353	-74.548	-63.577	-25.970	24.077	68.099	91.072	87.024	60.333	22.631
851	8.50	-12.766	-36.088	-43.753	-37.752	-22.857	-3.646	16.938	37.022	54.136	64.095
861	8.60	61.667	43.066	8.942	-34.057	-74.528	-100.319	-103.636	-84.795	-52.602	-20.917
871	8.70	-2.824	-5.068	-25.336	-53.621	-76.913	-84.943	-74.279	-49.025	-18.121	9.155
881	8.80	27.145	35.403	37.502	38.067	39.866	42.523	43.379	39.725	30.965	19.366
891	8.90	8.975	3.362	3.519	7.150	9.779	7.114	-2.597	-17.405	-32.295	-41.237
901	9.00	-39.647	-26.128	-2.844	25.435	52.972	74.633	86.887	88.182	78.969	61.623
911	9.10	40.269	20.254	7.010	4.342	12.705	28.319	43.865	50.889	43.174	19.686
921	9.20	-14.332	-48.877	-72.903	-78.751	-65.372	-38.822	-9.746	11.100	17.306	9.265
931	9.30	-6.421	-20.216	-24.041	-14.735	4.899	27.787	46.003	54.193	51.400	40.610
941	9.40	26.522	12.896	0.944	-10.461	-23.024	-36.866	-49.328	-55.554	-50.690	-32.565
951	9.50	-3.419	30.375	60.573	80.307	86.716	81.656	70.149	57.364	45.743	33.804
961	9.60	17.324	-7.661	-41.583	-79.618	-112.612	-130.474	-126.584	-101.164	-61.918	-21.467
971	9.70	7.410	16.718	6.225	-16.782	-40.796	-54.956	-53.365	-37.123	-13.372	7.979
981	9.80	18.335	13.565	-4.873	-30.996	-56.781	-74.906	-80.730	-73.032	-53.656	-26.547
991	9.90	3.297	30.685	50.904	60.336	57.086	41.509	16.374	-13.547	-42.470	-64.932

Table 7-9-3

TABLE OF CORRECTED ACCELERATION RECORD

NO. 3

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-77.019	-77.119	-65.994	-46.263	-21.540	4.321	28.114	47.541	61.579	70.532
1011	10.10	75.848	79.588	83.571	88.435	92.985	94.277	88.569	72.922	46.831	13.102
1021	10.20	-22.524	-53.025	-72.422	-77.822	-70.325	-54.381	-35.924	-20.108	-9.616	-4.189
1031	10.30	-1.419	1.715	7.379	16.094	26.824	37.674	46.675	52.250	53.285	49.003
1041	10.40	39.011	23.651	4.485	-15.496	-32.341	-42.328	-43.460	-36.523	-25.071	-14.099
1051	10.50	-7.905	-8.081	-12.646	-16.865	-15.477	-5.350	12.695	33.818	50.956	57.726
1061	10.60	51.132	32.867	8.657	-14.009	-28.725	-32.349	-25.670	-12.465	2.438	15.126
1071	10.70	23.738	28.451	30.553	31.247	30.813	28.495	23.025	13.421	-0.362	-17.214
1081	10.80	-35.074	-51.403	-63.693	-69.898	-68.765	-60.101	-44.962	-25.648	-5.402	12.273
1091	10.90	24.505	29.873	28.792	23.252	15.986	9.400	4.736	1.814	-0.566	-3.815
1101	11.00	-8.776	-15.341	-22.578	-29.245	-34.311	-37.211	-37.758	-35.863	-31.358	-24.092
1111	11.10	-14.268	-2.744	8.990	19.293	27.115	32.547	36.764	41.231	46.503	51.290
1121	11.20	52.467	66.268	30.277	5.269	-24.118	-50.490	-66.299	-66.889	-52.559	-28.576
1131	11.30	-2.988	16.833	27.325	30.046	30.492	34.982	47.116	65.565	86.310	95.264
1141	11.40	92.025	72.962	42.162	7.790	-21.308	-39.153	-44.700	-41.566	-35.730	-32.432
1151	11.50	-33.787	-38.167	-41.447	-39.329	-29.518	-12.742	7.709	27.502	42.962	52.155
1161	11.60	55.001	52.617	46.431	37.598	26.916	15.093	2.995	-8.380	-18.221	-26.249
1171	11.70	-32.791	-38.449	-43.532	-47.628	-49.636	-48.329	-43.148	-34.752	-24.912	-15.759
1181	11.80	-8.741	-3.914	-0.020	4.624	10.895	18.016	23.658	25.047	20.530	10.758
1191	11.90	-1.255	-11.330	-16.042	-14.382	-8.267	-1.589	1.744	-0.242	-6.665	-14.375
1201	12.00	-19.722	-20.511	-17.087	-11.936	-8.056	-7.061	-8.090	-8.267	-4.463	4.565
1211	12.10	16.932	28.072	32.792	27.933	14.217	-3.763	-19.557	-27.928	-27.427	-21.116
1221	12.20	-16.964	-14.657	-22.395	-35.357	-46.696	-48.713	-36.717	-11.691	19.614	47.313
1231	12.30	62.612	61.668	47.305	27.738	12.860	9.770	19.553	36.784	51.950	55.738
1241	12.40	43.266	16.421	-16.706	-45.022	-58.897	-54.010	-32.998	-4.307	21.237	34.661
1251	12.50	32.188	16.385	-5.222	-23.405	-30.975	-25.500	-9.973	8.718	22.799	26.794
1261	12.60	19.592	4.623	-11.844	-23.452	-26.368	-20.657	-9.898	0.685	6.704	6.558
1271	12.70	2.015	-2.794	-3.464	2.481	14.280	28.097	38.572	41.060	33.585	17.665
1281	12.80	-2.296	-20.749	-33.111	-37.353	-34.476	-27.750	-21.132	-17.559	-17.816	-20.389
1291	12.90	-22.280	-20.406	-12.995	-0.448	14.657	28.395	36.858	37.564	30.396	17.732
1301	13.00	3.673	-7.378	-12.307	-10.427	-3.718	3.993	8.614	7.523	0.700	-9.250
1311	13.10	-18.249	-22.580	-20.581	-13.397	-4.405	2.449	4.593	2.104	-2.374	-5.062
1321	13.20	-3.146	3.538	12.140	18.057	17.247	8.481	-5.642	-19.538	-27.028	-24.206
1331	13.30	-11.381	6.858	23.566	32.469	30.680	19.813	5.012	-7.621	-13.904	-13.381
1341	13.40	-9.213	-6.270	-8.440	-16.497	-27.598	-36.601	-38.543	-31.040	-15.450	3.696
1351	13.50	20.682	31.024	33.183	28.853	21.811	15.976	13.659	14.764	17.231	18.372
1361	13.60	16.381	11.297	4.988	0.245	-0.563	3.356	10.753	18.731	23.823	23.308
1371	13.70	16.271	4.015	-10.326	-22.820	-30.069	-30.354	-24.181	-14.015	-3.284	4.964
1381	13.80	9.210	9.923	9.119	9.197	11.582	15.853	19.792	20.432	15.612	5.289
1391	13.90	-8.094	-20.467	-27.899	-28.456	-23.230	-15.968	-11.372	-12.819	-20.566	-31.338
1401	14.00	-39.580	-39.867	-29.425	-9.614	14.307	35.058	46.080	43.985	29.731	8.133
1411	14.10	-14.008	-30.321	-36.882	-33.148	-21.637	-6.662	7.283	16.891	20.793	19.590
1421	14.20	15.314	10.553	7.525	7.325	9.557	12.472	13.612	10.823	3.276	-7.918
1431	14.30	-19.847	-28.753	-31.509	-26.996	-16.746	-4.452	5.531	10.093	8.798	4.136
1441	14.40	0.378	1.507	9.165	21.603	34.202	41.395	39.155	26.916	8.006	-11.623
1451	14.50	-25.828	-30.779	-26.412	-16.226	-5.556	0.838	0.770	-4.658	-11.866	-16.533
1461	14.60	-15.770	-9.140	1.269	11.983	19.755	22.873	21.616	17.761	13.496	10.343
1471	14.70	8.592	7.450	5.733	2.679	-1.545	-5.858	-8.750	-8.948	-5.957	-0.236
1481	14.80	6.988	14.131	19.689	22.537	22.070	18.238	11.532	2.967	-6.016	-13.771
1491	14.90	-18.819	-20.279	-18.195	-13.565	-8.026	-3.248	-0.313	0.674	0.518	0.456

Table 7-9-4

TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.459	3.653	6.161	7.457	6.094	1.475	-5.698	-13.533	-19.598	-21.841
1511	15.10	-19.402	-12.970	-4.524	3.414	8.703	10.307	8.530	4.714	0.555	-2.640
1521	15.20	-4.434	-5.299	-6.228	-8.116	-11.225	-14.951	-18.026	-19.038	-17.053	-12.059
1531	15.30	-5.033	2.395	8.541	12.264	13.324	12.337	10.378	8.426	6.909	5.582
1541	15.40	3.776	0.907	-3.025	-7.215	-10.264	-10.755	-7.952	-2.284	6.648	10.604
1551	15.50	13.583	12.686	8.555	3.176	-0.921	-1.742	1.260	6.871	12.535	15.379
1561	15.60	13.413	6.400	-3.969	-14.674	-22.502	-25.240	-22.439	-15.473	-6.876	0.703
1571	15.70	5.492	7.122	6.528	5.314	4.938	6.079	8.455	11.110	12.978	13.395
1581	15.80	12.331	10.230	7.625	4.756	1.454	-2.631	-7.585	-12.820	-16.999	-18.406
1591	15.90	-15.669	-8.510	1.828	12.765	21.150	24.361	21.300	12.858	1.656	-8.858
1601	16.00	-15.599	-16.876	-12.884	-5.522	2.343	7.870	9.115	5.548	-1.900	-11.180
1611	16.10	-19.707	-25.003	-25.290	-19.921	-9.595	3.706	17.116	27.577	32.685	31.448
1621	16.20	24.663	14.714	4.788	-2.245	-4.884	-3.543	-0.338	1.825	0.508	-5.167
1631	16.30	-14.073	-23.455	-29.995	-31.102	-25.904	-15.546	-2.715	9.383	18.113	22.165
1641	16.40	21.703	17.961	12.557	6.858	1.673	-2.704	-6.208	-8.733	-10.037	-9.863
1651	16.50	-8.173	-5.306	-1.938	1.151	3.381	4.551	4.800	4.349	3.216	1.095
1661	16.60	-2.466	-7.652	-13.941	-19.946	-23.702	-23.383	-18.144	-8.699	2.718	13.076
1671	16.70	19.696	21.326	18.638	13.870	9.759	8.232	9.494	11.985	13.233	11.227
1681	16.80	5.624	-1.857	-8.094	-10.030	-6.257	2.070	11.488	17.620	17.117	9.258
1691	16.90	-3.549	-16.640	-24.985	-25.289	-17.356	-4.137	9.538	18.972	21.457	17.186
1701	17.00	8.905	0.523	-4.623	-5.104	-1.770	2.874	5.932	5.409	0.979	-6.021
1711	17.10	-13.265	-18.418	-19.981	-17.702	-12.479	-5.896	0.379	5.084	7.629	8.104
1721	17.20	7.093	5.384	3.671	2.323	1.291	0.203	-1.389	-3.683	-6.376	-8.643
1731	17.30	-9.398	-7.789	-3.692	2.051	7.819	11.828	12.914	11.123	7.759	4.818
1741	17.40	3.993	5.730	8.820	10.799	9.044	2.123	-9.273	-22.279	-32.808	-37.148
1751	17.50	-33.507	-22.815	-8.410	5.269	14.428	17.319	14.717	9.313	4.352	2.185
1761	17.60	3.382	6.749	10.164	11.730	10.672	7.570	3.883	1.102	0.006	0.408
1771	17.70	1.472	2.354	2.745	3.001	3.760	5.311	7.122	7.872	6.057	0.881
1781	17.80	-7.035	-15.584	-21.866	-23.391	-19.235	-10.576	-0.301	8.170	12.311	11.488
1791	17.90	7.071	1.610	-2.486	-4.110	-3.851	-3.465	-4.699	-8.131	-12.646	-15.879
1801	18.00	-15.415	-10.144	-1.062	8.953	16.310	18.307	14.374	6.345	-2.364	-8.317
1811	18.10	-9.573	-6.461	-1.237	3.153	4.600	2.866	-0.355	-2.362	-0.891	4.663
1821	18.20	12.821	20.597	24.795	23.386	16.351	5.631	-5.727	-14.794	-19.786	-20.472
1831	18.30	-17.894	-13.635	-9.071	-4.944	-1.400	1.650	4.141	5.702	5.843	4.327
1841	18.40	1.503	-1.663	-3.923	-4.293	-2.541	0.651	3.966	6.052	6.156	4.476
1851	18.50	2.057	0.264	0.093	1.656	4.095	5.980	6.002	3.644	-0.504	-4.928
1861	18.60	-7.804	-7.770	-4.509	1.103	7.344	12.312	14.631	13.887	10.647	6.096
1871	18.70	1.482	-2.356	-5.189	-7.281	-9.059	-10.755	-12.217	-12.960	-12.417	-10.244
1881	18.80	-6.527	-1.795	3.161	7.548	10.806	12.699	13.271	12.697	11.156	8.762
1891	18.90	5.604	1.829	-2.279	-6.307	-9.791	-12.340	-13.746	-14.009	-13.284	-11.768
1901	19.00	-9.596	-6.790	-3.300	0.892	5.645	10.571	15.032	18.236	19.419	18.075
1911	19.10	14.146	8.129	1.034	-5.825	-11.161	-14.091	-14.417	-12.710	-10.134	-8.036
1921	19.20	-7.439	-8.623	-10.970	-13.140	-13.568	-11.068	-5.355	2.742	11.460	18.613
1931	19.30	22.267	21.342	15.943	7.324	-2.486	-11.260	-17.176	-19.269	-17.613	-13.213
1941	19.40	-2.632	-2.487	1.048	2.580	2.572	2.120	2.490	4.593	8.561	13.610
1951	19.50	18.249	20.783	19.923	15.285	7.590	-1.509	-9.909	-15.670	-17.553	-15.308
1961	19.60	-9.675	-2.112	5.616	11.867	15.465	15.910	13.419	8.826	3.348	-1.739
1971	19.70	-5.430	-7.246	-7.314	-6.249	-4.851	-3.758	-3.193	-2.925	-2.464	-1.388
1981	19.80	0.356	2.363	3.914	4.332	3.326	1.174	-1.379	-3.460	-4.470	-4.355
1991	19.90	-3.594	-2.921	-2.928	-3.750	-5.006	-6.008	-6.141	-5.191	-3.471	-1.668

Table 7-9-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.502	-0.372	-1.156	-2.250	-2.834	-2.200	-0.034	3.669	7.675	11.685
2011	20.10	14.561	15.542	14.214	10.635	5.391	-0.460	-5.596	-8.781	-9.275	-7.150
2021	20.20	-3.352	0.568	2.988	2.839	0.025	-4.515	-9.182	-12.336	-12.916	-10.780
2031	20.30	-6.636	-1.646	3.094	6.925	9.699	11.569	12.658	12.847	11.787	9.159
2041	20.40	4.994	-0.138	-5.205	-9.042	-10.784	-10.175	-7.622	-3.977	-0.178	3.064
2051	20.50	5.393	6.729	7.088	6.462	4.828	2.298	-0.722	-3.507	-5.192	-5.108
2061	20.60	-3.107	0.307	4.117	7.178	8.651	8.292	6.451	3.820	1.067	-1.436
2071	20.70	-3.652	-5.708	-7.631	-9.189	-9.943	-9.493	-7.763	-5.153	-2.418	-0.346
2081	20.80	0.626	0.630	0.284	0.345	1.272	2.946	4.695	5.631	5.114	3.086
2091	20.90	0.096	-3.003	-5.509	-7.228	-8.506	-9.915	-11.773	-13.763	-14.926	-14.063
2101	21.00	-10.378	-4.035	3.702	10.859	15.540	16.748	14.829	11.306	8.141	6.781
2111	21.10	7.435	8.965	9.469	7.289	1.967	-5.335	-12.189	-15.915	-14.792	-8.914
2121	21.20	-0.271	8.022	13.019	13.200	9.113	3.110	-1.716	-2.930	0.138	6.065
2131	21.30	11.937	14.624	12.151	4.597	-5.887	-15.911	-22.181	-22.751	-17.688	-8.915
2141	21.40	0.650	8.256	12.276	12.591	10.324	7.112	4.305	2.451	1.250	-0.052
2151	21.50	-2.105	-5.011	-8.213	-10.753	-11.732	-10.743	-8.056	-4.501	-1.094	1.359
2161	21.60	2.529	2.586	1.994	1.222	0.520	-0.139	-0.936	-1.999	-3.249	-4.381
2171	21.70	-5.007	-4.870	-4.016	-2.814	-1.796	-1.387	-1.657	-2.228	-2.400	-1.469
2181	21.80	0.915	4.498	8.437	11.588	12.959	12.151	9.564	6.262	3.532	2.309
2191	21.90	2.731	4.041	4.909	4.060	0.934	-3.928	-8.986	-12.275	-12.234	-8.432
2201	22.00	-1.839	5.485	11.168	13.459	11.872	7.289	1.470	-3.781	-7.381	-9.315
2211	22.10	-10.407	-11.658	-13.518	-15.484	-16.256	-14.391	-9.131	-0.965	8.371	16.503
2221	22.20	21.372	22.066	19.155	14.359	9.721	6.689	5.550	5.476	5.116	3.433
2231	22.30	0.319	-3.299	-5.933	-6.319	-4.112	-0.135	3.950	6.392	6.145	3.320
2241	22.40	-0.904	-4.859	-7.166	-7.312	-5.790	-3.744	-2.327	-2.114	-2.849	-3.639
2251	22.50	-3.471	-1.783	1.200	4.537	6.988	7.582	6.058	2.969	-0.591	-3.478
2261	22.60	-4.998	-5.163	-4.605	-4.202	-4.603	-5.876	-7.442	-8.331	-7.627	-4.917
2271	22.70	-0.524	4.549	8.965	11.517	11.518	8.980	4.518	-0.929	-6.414	-11.196
2281	22.80	-14.773	-16.792	-16.952	-15.012	-10.956	-5.228	1.131	6.593	9.578	9.073
2291	22.90	5.188	-0.651	-6.050	-8.482	-6.309	0.429	9.855	18.836	24.131	23.642
2301	23.00	17.249	6.864	-4.321	-13.061	-17.246	-16.541	-12.261	-6.597	-1.592	1.640
2311	23.10	3.150	3.796	4.553	5.896	7.559	8.762	8.729	7.188	4.554	1.715
2321	23.20	-0.455	-1.556	-1.850	-2.059	-2.898	-4.604	-6.741	-8.381	-8.576	-6.874
2331	23.30	-3.594	0.280	3.535	5.259	5.220	3.899	2.147	0.817	0.286	0.393
2341	23.40	0.599	0.329	-0.713	-2.406	-4.307	-5.873	-6.693	-6.582	-5.552	-3.698
2351	23.50	-1.124	2.028	5.476	8.716	11.065	11.872	10.816	8.139	4.664	1.520
2361	23.60	-0.318	-0.493	0.515	1.553	1.286	-1.160	-5.711	-11.233	-15.891	-17.823
2371	23.70	-15.884	-10.134	-1.884	6.731	13.470	16.733	16.057	12.185	6.737	1.594
2381	23.80	-1.751	-2.657	-1.469	0.703	2.467	2.700	0.989	-2.211	-5.753	-8.238
2391	23.90	-8.569	-6.404	-2.324	2.348	6.024	7.446	6.165	2.711	-1.605	-5.187
2401	24.00	-6.737	-5.712	-2.468	1.924	6.097	8.862	9.555	8.157	5.182	1.439
2411	24.10	-2.234	-5.166	-6.947	-7.454	-6.826	-5.429	-3.783	-2.443	-1.841	-2.133
2421	24.20	-3.119	-4.299	-5.081	-5.054	-4.208	-2.979	-2.070	-2.109	-3.298	-5.228
2431	24.30	-6.989	-7.525	-6.116	-2.744	1.826	6.310	9.404	10.310	9.048	6.623
2441	24.40	3.665	1.907	1.740	3.023	5.018	6.760	7.479	6.887	5.207	2.971
2451	24.50	0.707	-1.319	-3.187	-5.186	-7.558	-10.233	-12.722	-14.216	-13.877	-11.201
2461	24.60	-6.303	0.014	6.433	11.517	14.167	13.978	11.362	7.383	3.361	0.604
2471	24.70	-0.949	-0.840	0.088	1.063	1.580	1.624	1.617	2.120	3.427	5.287
2481	24.80	6.915	7.308	5.757	2.289	-2.187	-6.143	-8.026	-6.927	-3.022	2.439
2491	24.90	7.610	10.789	11.089	8.744	4.908	1.054	-1.727	-3.190	-3.945	-5.023

Table 7-9-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-7.212	-10.523	-14.050	-16.310	-15.919	-12.281	-5.958	1.439	7.820	11.383
2511	25.10	11.257	7.771	2.253	-3.512	-7.916	-10.019	-9.687	-7.451	-4.159	-0.612
2521	25.20	2.647	5.367	7.480	8.942	9.634	9.354	7.909	5.233	1.495	-2.864
2531	25.30	-7.172	-10.634	-12.491	-12.207	-9.626	-5.081	0.612	6.293	10.723	12.907
2541	25.40	12.396	9.430	4.893	0.051	-3.829	-5.862	-5.783	-3.987	-1.341	1.136
2551	25.50	2.616	2.718	1.594	-0.161	-1.744	-2.442	-1.901	-0.282	1.757	3.273
2561	25.60	3.381	1.643	-1.654	-5.479	-8.334	-8.801	-6.157	-0.803	5.705	11.133
2571	25.70	13.341	11.258	5.332	-2.479	-9.409	-12.972	-11.977	-7.028	-0.265	5.575
2581	25.80	8.355	7.466	4.035	0.313	-1.467	-0.236	3.330	7.099	8.512	5.882
2591	25.90	-0.673	-9.117	-16.309	-19.364	-16.951	-9.920	-0.956	6.577	10.072	8.741
2601	26.00	3.835	-2.041	-6.167	-6.912	-4.349	-0.047	3.809	5.491	4.496	1.649
2611	26.10	-1.432	-3.201	-2.922	-0.931	1.673	3.680	4.419	4.040	3.335	3.201
2621	26.20	4.074	5.643	6.997	7.121	5.469	2.316	-1.321	-4.133	-5.137	-4.144
2631	26.30	-1.851	0.484	1.632	0.957	-1.293	-4.098	-6.118	-6.268	-4.173	-0.325
2641	26.40	4.107	7.713	9.336	8.448	5.298	0.792	-3.805	-7.261	-8.732	-7.986
2651	26.50	-5.452	-2.060	1.059	2.952	3.170	1.920	-0.023	-1.633	-2.062	-1.020
2661	26.60	1.076	3.255	4.403	3.758	1.276	-2.323	-5.836	-8.088	-8.414	-6.914
2671	26.70	-4.347	-1.733	0.140	1.059	1.412	1.893	3.066	4.989	7.140	8.649
2681	26.80	8.731	7.095	4.089	0.537	-2.671	-4.994	-6.439	-7.442	-8.487	-9.689
2691	26.90	-10.591	-10.303	-7.957	-3.239	3.269	10.155	15.643	18.278	17.496	13.832
2701	27.00	8.654	3.556	-0.285	-2.510	-3.536	-4.149	-4.956	-5.996	-6.720	-6.331
2711	27.10	-4.309	-0.815	3.253	6.590	8.059	7.216	4.522	1.134	-1.628	-2.874
2721	27.20	-2.506	-1.186	0.058	0.388	-0.423	-1.908	-3.193	-3.496	-2.576	-0.893
2731	27.30	0.595	0.913	-0.428	-3.142	-6.249	-8.482	-8.833	-6.981	-3.408	0.829
2741	27.40	4.570	7.013	7.983	7.876	7.354	6.933	6.697	6.261	5.009	2.479
2751	27.50	-1.293	-5.650	-9.483	-11.634	-11.363	-8.685	-4.412	0.119	3.525	4.891
2761	27.60	4.089	1.790	-0.840	-2.632	-2.895	-1.682	0.264	1.856	2.163	0.840
2771	27.70	-1.698	-4.420	-6.109	-5.878	-3.567	0.165	4.079	6.849	7.589	6.200
2781	27.80	3.389	0.349	-1.762	-2.313	-1.460	-0.058	0.743	0.049	-2.335	-5.742
2791	27.90	-8.867	-10.278	-9.016	-5.042	0.671	6.455	10.544	11.734	9.844	5.775
2801	28.00	1.163	-2.264	-3.355	-1.968	1.007	4.047	5.641	4.928	2.051	-1.902
2811	28.10	-5.365	-6.950	-6.032	-3.010	0.853	3.950	4.983	3.477	-0.041	-4.271
2821	28.20	-7.658	-8.985	-7.810	-4.578	-0.399	3.388	5.691	5.995	4.453	1.739
2831	28.30	-1.237	-3.637	-4.924	-4.953	-3.943	-2.349	-0.707	0.530	1.116	1.076
2841	28.40	0.698	0.422	0.672	1.662	3.259	4.979	6.130	6.089	4.585	1.884
2851	28.50	-1.241	-3.753	-4.733	-3.745	-1.034	2.556	5.891	7.976	8.322	7.090
2861	28.60	4.965	2.831	1.373	0.810	0.830	0.771	-0.080	-2.064	-5.140	-8.682
2871	28.70	-11.737	-13.290	-12.559	-9.231	-3.592	3.475	10.631	16.337	19.215	18.422
2881	28.80	13.952	6.747	-1.478	-8.682	-13.115	-13.892	-11.314	-6.763	-2.186	0.659
2891	28.90	0.904	-1.082	-3.855	-5.530	-4.617	-0.715	5.250	11.353	15.433	15.967
2901	29.00	12.681	6.635	-0.238	-5.928	-9.113	-9.583	-8.142	-6.095	-4.584	-4.091
2911	29.10	-4.338	-4.594	-4.178	-2.896	-1.160	0.268	0.745	0.182	-0.829	-1.277
2921	29.20	-0.273	2.410	6.085	9.366	10.762	9.400	5.521	0.480	-3.770	-5.517
2931	29.30	-4.054	-0.037	4.754	8.153	8.524	5.453	-0.082	-6.129	-10.574	-11.983
2941	29.40	-10.129	-5.981	-1.208	2.554	4.356	4.227	3.027	1.949	1.937	3.255
2951	29.50	5.400	7.344	7.994	6.653	3.311	-1.337	-6.133	-9.836	-11.516	-10.821
2961	29.60	-8.052	-4.046	0.092	3.318	4.931	4.758	3.160	0.889	-1.181	-2.338
2971	29.70	-2.265	-1.123	0.519	1.900	2.326	1.399	-0.849	-3.973	-7.238	-9.807
2981	29.80	-10.957	-10.258	-7.692	-3.694	0.908	5.059	7.743	8.284	6.601	3.296
2991	29.90	-0.489	-3.440	-4.557	-3.565	-1.066	1.664	3.199	2.589	-0.163	-4.020

Table 7-9-7

TABLE OF CORRECTED ACCELERATION RECORD

NO. 7

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-7.276	-8.263	-6.078	-1.042	5.361	11.028	14.070	13.564	9.917	4.675
3011	30.10	-0.142	-2.849	-2.788	-0.529	2.419	4.280	3.754	0.542	-4.556	-9.973
3021	30.20	-13.984	-15.330	-13.635	-9.475	-4.113	0.975	4.594	6.173	5.861	4.376
3031	30.30	2.674	1.587	1.541	2.460	3.870	5.144	5.785	5.619	4.835	3.841
3041	30.40	3.021	2.524	2.164	1.523	0.175	-2.047	-4.905	-7.793	-9.957	-10.790
3051	30.50	-10.071	-8.025	-5.198	-2.225	0.397	2.397	3.589	4.247	4.014	2.940
3061	30.60	1.122	-1.042	-2.834	-3.420	-2.217	0.733	4.600	7.971	9.387	8.000
3071	30.70	4.039	-1.172	-5.710	-7.856	-6.863	-3.294	1.233	4.803	6.105	5.035
3081	30.80	2.710	0.878	0.998	3.472	7.383	10.907	12.178	10.207	5.390	-0.624
3091	30.90	-5.655	-7.944	-6.901	-3.311	1.070	4.310	5.104	3.243	-0.429	-4.482
3101	31.00	-7.534	-8.754	-8.053	-5.939	-3.184	-0.487	1.716	3.271	4.208	4.624
3111	31.10	4.617	4.275	3.685	2.922	2.015	0.933	-0.371	-1.862	-3.320	-4.328
3121	31.20	-4.395	-3.206	-0.875	1.953	4.250	4.997	3.648	0.458	-3.530	-6.871
3131	31.30	-8.316	-7.364	-4.481	-0.879	2.048	3.367	3.003	1.703	0.586	0.528
3141	31.40	1.687	3.423	4.640	4.377	2.325	-0.982	-4.400	-6.712	-7.182	-5.863
3151	31.50	-3.513	-1.198	0.209	0.381	-0.417	-1.555	-2.402	-2.606	-2.176	-1.364
3161	31.60	-0.454	0.392	1.147	1.821	2.343	2.530	2.190	1.288	0.049	-1.084
3171	31.70	-1.656	-1.460	-0.701	0.071	0.232	-0.560	-2.119	-3.765	-4.624	-4.077
3181	31.80	-2.103	0.666	3.222	4.668	4.652	3.535	2.188	1.539	2.050	3.553
3191	31.90	5.265	6.236	5.811	3.946	1.188	-1.617	-3.742	-4.872	-5.147	-4.947
3201	32.00	-4.589	-4.114	-3.301	-1.883	0.190	2.608	4.796	6.185	6.516	5.975
3211	32.10	5.074	4.328	3.934	3.628	2.854	1.135	-1.537	-4.556	-6.903	-7.637
3221	32.20	-6.410	-3.728	-0.784	1.084	1.055	-0.736	-3.226	-4.922	-6.641	-2.108
3231	32.30	1.872	5.792	8.154	8.184	6.174	3.295	0.970	0.143	0.811	2.054
3241	32.40	2.538	1.241	-1.974	-6.230	-9.999	-11.788	-10.806	-7.308	-2.466	2.155
3251	32.50	5.232	6.169	5.215	3.218	1.169	-0.216	-0.716	-0.552	-0.153	0.115
3261	32.60	0.109	-0.096	-0.322	-0.428	-0.384	-0.235	-0.025	0.274	0.739	1.408
3271	32.70	2.167	2.706	2.595	1.479	-0.713	-3.629	-6.543	-8.569	-8.995	-7.584
3281	32.80	-4.707	-1.256	1.664	3.130	2.742	0.768	-1.954	-4.324	-5.386	-4.669
3291	32.90	-2.339	0.873	3.961	6.008	6.515	5.563	3.747	1.934	0.920	1.138
3301	33.00	2.499	4.454	6.212	7.053	6.588	4.893	2.444	-0.083	-2.081	-3.226
3311	33.10	-3.561	-3.421	-3.248	-3.374	-3.872	-4.525	-4.934	-4.693	-3.570	-1.618
3321	33.20	0.835	3.291	5.252	6.375	6.571	6.000	4.994	3.917	3.037	2.438
3331	33.30	2.008	1.502	0.654	-0.695	-2.514	-4.557	-6.431	-7.712	-8.099	-7.512
3341	33.40	-6.124	-4.293	-2.425	-0.826	0.392	1.318	2.138	3.000	3.889	4.602
3351	33.50	4.835	4.337	3.079	1.317	-0.476	-1.794	-2.325	-2.099	-1.487	-1.030
3361	33.60	-1.170	-2.025	-3.297	-4.385	-4.657	-3.742	-1.730	0.847	3.223	4.717
3371	33.70	5.001	4.214	2.855	1.540	0.727	0.555	0.843	1.260	1.423	1.234
3381	33.80	0.705	-0.034	-0.865	-1.750	-2.683	-3.596	-4.261	-4.313	-3.394	-1.371
3391	33.90	1.490	4.520	6.845	7.733	6.921	4.771	2.130	-0.028	-1.051	-0.910
3401	34.00	-0.210	0.122	-0.685	-2.808	-5.671	-8.143	-9.023	-7.586	-3.956	0.887
3411	34.10	5.460	8.337	8.690	6.570	2.845	-1.170	-4.208	-5.468	-4.813	-2.704
3421	34.20	0.058	2.645	4.447	5.185	4.886	3.787	2.209	0.471	-1.176	-2.572
3431	34.30	-3.667	-4.512	-5.226	-5.928	-6.651	-7.275	-7.527	-7.062	-5.614	-3.158
3441	34.40	0.002	3.267	5.910	7.335	7.300	6.039	4.185	2.550	1.807	2.231
3451	34.50	3.588	5.233	6.369	6.381	5.082	2.803	0.255	-1.749	-2.617	-2.201
3461	34.60	-0.835	0.824	2.076	2.463	1.924	0.777	-0.472	-1.376	-1.750	-1.728
3471	34.70	-1.653	-1.874	-2.539	-3.501	-4.375	-4.711	-4.210	-2.862	-0.960	1.021
3481	34.80	2.604	3.468	3.520	2.865	1.717	0.308	-1.151	-2.465	-3.428	-3.826
3491	34.90	-3.493	-2.402	-0.728	1.158	2.786	3.747	3.832	3.090	1.770	0.196

Table 7-9-8.

TABLE OF CORRECTED ACCELERATION RECORD

NO. 8

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-1.374	-2.793	-3.988	-4.848	-5.152	-4.588	-2.913	-0.150	3.266	6.527
3511	35.10	8.684	9.015	7.344	4.167	0.484	-2.584	-4.250	-4.352	-3.371	-2.144
3521	35.20	-1.443	-1.603	-2.407	-3.245	-3.679	-2.801	-1.399	0.142	1.158	1.260
3531	35.30	0.540	-0.469	-1.070	-0.752	0.554	2.448	4.259	5.366	5.467	4.686
3541	35.40	3.450	2.249	1.384	0.845	0.367	-0.379	-1.574	-3.109	-4.606	-5.562
3551	35.50	-5.566	-4.474	-2.492	-0.126	1.970	3.192	3.178	1.926	-0.179	-2.448
3561	35.60	-4.082	-4.415	-3.154	-0.510	2.821	5.873	7.740	7.913	6.472	4.053
3571	35.70	1.571	-0.165	-0.790	-0.514	0.025	0.118	-0.635	-2.093	-3.633	-4.449
3581	35.80	-3.973	-2.184	0.344	2.679	3.954	3.741	2.220	0.042	-2.015	-3.428
3591	35.90	-4.139	-4.502	-4.992	-5.864	-6.935	-7.630	-7.283	-5.515	-2.513	0.967
3601	36.00	3.878	5.331	4.988	3.216	0.919	-0.865	-1.422	-0.651	0.932	2.475
3611	36.10	3.204	2.777	1.419	-0.210	-1.339	-1.435	-0.418	1.340	3.213	4.608
3621	36.20	5.198	5.014	4.359	3.621	3.075	2.764	2.513	2.029	1.057	-0.512
3631	36.30	-2.594	-4.950	-7.259	-9.196	-10.479	-10.891	-10.278	-8.571	-5.810	-2.196
3641	36.40	1.888	5.896	9.199	11.213	11.543	10.101	7.147	3.240	-0.889	-4.507
3651	36.50	-7.050	-8.226	-8.053	-6.796	-4.864	-2.680	-0.584	1.206	2.586	3.516
3661	36.60	3.981	3.967	3.480	2.580	1.409	0.181	-0.869	-1.569	-1.868	-1.855
3671	36.70	-1.709	-1.599	-1.590	-1.598	-1.435	-0.915	0.006	1.160	2.191	2.691
3681	36.80	2.389	1.304	-0.218	-1.625	-2.376	-2.183	-1.138	0.318	1.593	2.213
3691	36.90	2.035	1.304	0.522	0.189	0.551	1.462	2.452	2.954	2.580	1.319
3701	37.00	-0.450	-2.130	-3.187	-3.382	-2.857	-2.023	-1.310	-0.917	-0.697	-0.228
3711	37.10	0.934	2.965	5.587	8.093	9.596	9.395	7.301	3.774	-0.209	-3.494
3721	37.20	-5.174	-4.909	-3.016	-0.309	2.255	3.949	4.520	4.212	3.576	3.161
3731	37.30	3.233	3.652	3.966	3.550	2.091	-0.410	-3.498	-6.445	-8.509	-9.205
3741	37.40	-8.465	-6.625	-4.263	-1.960	-0.104	1.205	2.102	2.808	3.471	4.061
3751	37.50	4.384	4.190	3.320	1.818	-0.054	-1.887	-3.276	-3.955	-3.881	-3.224
3761	37.60	-2.285	-1.374	-0.706	-0.344	-0.206	-0.123	0.082	0.512	1.143	1.807
3771	37.70	2.227	2.101	1.212	-0.452	-2.637	-4.846	-6.481	-7.046	-6.363	-4.683
3781	37.80	-2.629	-0.968	-0.284	-0.700	-1.780	-2.691	-2.573	-0.960	1.936	5.229
3791	37.90	7.684	8.236	6.472	2.859	-1.408	-4.881	-6.453	-5.816	-3.560	-0.894
3801	38.00	0.905	1.046	-0.455	-2.834	-4.956	-5.840	-5.071	-2.935	-0.228	2.137
3811	38.10	3.525	3.803	3.301	2.567	2.072	1.993	2.199	2.391	2.323	1.954
3821	38.20	1.469	1.157	1.240	1.725	2.394	2.890	2.885	2.212	0.920	-0.772
3831	38.30	-2.580	-4.248	-5.594	-6.497	-6.854	-6.565	-5.567	-3.894	-1.734	0.573
3841	38.40	2.620	4.070	4.779	4.852	4.577	4.282	4.171	4.225	4.217	3.846
3851	38.50	2.907	1.423	-0.334	-1.947	-3.034	-3.412	-3.156	-2.541	-1.880	-1.351
3861	38.60	-0.908	-0.315	0.705	2.280	4.259	6.206	7.542	7.759	6.627	4.293
3871	38.70	1.242	-1.872	-4.441	-6.076	-6.677	-6.384	-5.458	-4.145	-2.599	-0.882
3881	38.80	0.978	2.903	4.715	6.135	6.847	6.587	5.234	2.877	-0.165	-3.370
3891	38.90	-6.099	-7.720	-7.768	-6.096	-2.971	0.933	4.693	7.388	8.410	7.673
3901	39.00	5.658	3.233	1.296	0.409	0.551	1.145	1.342	0.456	-1.654	-4.445
3911	39.10	-6.877	-7.867	-6.794	-3.834	0.060	3.528	5.373	5.060	2.924	-0.017
3921	39.20	-2.556	-3.846	-3.754	-2.854	-2.071	-2.160	-3.299	-4.991	-6.318	-6.425
3931	39.30	-4.974	-2.346	0.526	2.585	3.158	2.258	0.561	-0.945	-1.435	-0.635
3941	39.40	1.080	2.910	4.043	4.044	3.033	1.563	0.294	-0.368	-0.462	-0.401
3951	39.50	-0.682	-1.541	-2.750	-3.679	-3.596	-2.082	0.685	3.898	6.407	7.191
3961	39.60	5.800	2.573	-1.476	-5.070	-7.170	-7.367	-5.984	-3.857	-1.915	-0.759
3971	39.70	-0.432	-0.482	-0.262	0.682	2.336	4.197	5.502	5.603	4.296	1.949
3981	39.80	-0.651	-2.641	-3.462	-3.090	-2.013	-0.965	-0.553	-0.961	-1.871	-2.639
3991	39.90	-2.636	-1.574	0.328	2.438	3.999	4.482	3.815	2.389	0.840	-0.284

Table 7-9-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.787	-0.902	-1.127	-1.921	-3.406	-5.212	-6.609	-6.782	-5.212	-1.926
4011	40.10	2.452	6.904	10.360	12.045	11.696	9.579	6.320	2.663	-0.762	-3.556
4021	40.20	-5.556	-6.758	-7.214	-6.974	-6.069	-4.552	-2.529	-0.188	2.213	4.378
4031	40.30	6.010	6.858	6.754	5.660	3.702	1.184	-1.449	-3.696	-5.133	-5.541
4041	40.40	-4.982	-3.777	-2.387	-1.234	-0.546	-0.283	-0.185	0.082	0.756	1.864
4051	40.50	3.209	4.478	5.382	5.786	5.727	5.345	4.748	3.914	2.692	0.911
4061	40.60	-1.445	-4.099	-6.470	-7.827	-7.562	-5.469	-1.895	2.315	6.082	8.461
4071	40.70	8.968	7.715	5.317	2.596	0.229	-1.499	-2.739	-3.903	-5.360	-7.164
4081	40.80	-8.942	-10.020	-9.711	-7.659	-4.065	0.318	4.417	7.221	8.142	7.214
4091	40.90	5.051	2.576	0.659	-0.208	-0.062	0.606	1.094	0.801	-0.517	-2.656
4101	41.00	-5.037	-6.919	-7.667	-6.955	-4.868	-1.862	1.378	4.141	5.879	6.333
4111	41.10	5.571	3.925	1.864	-0.162	-1.857	-3.140	-4.115	-4.958	-5.773	-6.475
4121	41.20	-6.769	-6.244	-4.564	-1.684	2.026	5.795	8.651	9.746	8.674	5.674
4131	41.30	1.606	-2.314	-4.918	-5.501	-4.069	-1.332	1.571	3.501	3.762	2.256
4141	41.40	-0.338	-3.029	-4.827	-5.142	-3.988	-1.933	0.175	1.578	1.917	1.365
4151	41.50	0.512	0.083	0.591	2.096	4.152	5.981	6.795	6.129	4.051	1.165
4161	41.60	-1.603	-3.345	-3.503	-2.076	0.394	3.024	4.914	5.460	4.540	2.520
4171	41.70	0.075	-2.068	-3.392	-3.731	-3.278	-2.442	-1.662	-1.222	-1.170	-1.333
4181	41.80	-1.431	-1.217	-0.590	0.370	1.437	2.334	2.826	2.790	2.231	1.254
4191	41.90	0.017	-1.314	-2.585	-3.668	-4.453	-4.859	-4.847	-4.433	-3.690	-2.733
4201	42.00	-1.681	-0.626	0.385	1.333	2.188	2.871	3.243	3.137	2.435	1.140
4211	42.10	-0.571	-2.370	-3.854	-4.674	-4.629	-3.729	-2.163	-0.230	1.757	3.531
4221	42.20	4.883	5.643	5.662	4.827	3.132	0.751	-1.916	-4.294	-5.781	-5.946
4231	42.30	-4.707	-2.395	0.342	2.763	4.304	4.765	4.355	3.549	2.849	2.544
4241	42.40	2.592	2.671	2.362	1.391	-0.214	-2.105	-3.755	-4.674	-4.618	-3.674
4251	42.50	-2.209	-0.709	0.426	1.017	1.142	1.053	1.041	1.293	1.812	2.425
4261	42.60	2.858	2.846	2.240	1.068	-0.458	-2.004	-3.202	-3.768	-3.586	-2.750
4271	42.70	-1.533	-0.290	0.668	1.180	1.273	1.124	0.942	0.851	0.818	0.681
4281	42.80	0.258	-0.516	-1.500	-2.375	-2.776	-2.472	-1.509	-0.218	0.924	1.512
4291	42.90	1.407	0.807	0.135	-0.190	0.017	0.591	1.103	1.102	0.386	-0.842
4301	43.00	-2.028	-2.533	-1.970	-0.450	1.407	2.720	2.744	1.239	-1.383	-4.203
4311	43.10	-6.177	-6.578	-5.289	-2.823	-0.061	2.157	3.389	3.729	3.676	3.814
4321	43.20	4.467	5.508	6.403	6.479	5.267	2.760	-0.533	-3.755	-6.028	-6.770
4331	43.30	-5.890	-3.790	-1.182	1.169	2.694	3.151	2.636	1.482	0.122	-1.042
4341	43.40	-1.722	-1.775	-1.202	-0.135	1.207	2.532	3.549	4.018	3.806	2.916
4351	43.50	1.500	-0.197	-1.884	-3.283	-4.171	-4.408	-3.949	-2.853	-1.296	0.438
4361	43.60	1.987	2.984	3.159	2.441	1.012	-0.720	-2.238	-3.086	-3.034	-2.153
4371	43.70	-0.781	0.626	1.690	2.257	2.442	2.529	2.792	3.315	3.914	4.205
4381	43.80	3.788	2.475	0.427	-1.860	-3.738	-4.670	-4.463	-3.354	-1.898	-0.721
4391	43.90	-0.238	-0.487	-1.129	-1.640	-1.569	-0.761	0.585	2.016	3.053	3.399
4401	44.00	3.052	2.258	1.353	0.577	-0.032	-0.610	-1.341	-2.299	-3.359	-4.221
4411	44.10	-4.544	-4.109	-2.933	-1.274	0.470	1.911	2.793	3.037	2.703	1.912
4421	44.20	0.786	-0.556	-1.955	-3.172	-3.903	-3.858	-2.898	-1.136	1.036	3.061
4431	44.30	4.398	4.730	4.071	2.748	1.242	-0.012	-0.791	-1.138	-1.279	-1.481
4441	44.40	-1.896	-2.501	-3.127	-3.559	-3.645	-3.347	-2.729	-1.892	-0.916	0.158
4451	44.50	1.290	2.389	3.283	3.755	3.625	2.859	1.613	0.212	-0.967	-1.635
4461	44.60	-1.700	-1.287	-0.665	-0.118	0.172	0.180	0.008	-0.205	-0.364	-0.465
4471	44.70	-0.563	-0.705	-0.870	-0.951	-0.803	-0.330	0.443	1.348	2.129	2.535
4481	44.80	2.424	1.813	0.863	-0.189	-1.117	-1.765	-2.069	-2.030	-1.687	-1.092
4491	44.90	-0.319	0.524	1.291	1.835	2.058	1.975	1.720	1.507	1.525	1.835

Table 7-9-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	2.313	2.679	2.616	1.929	0.660	-0.894	-2.287	-3.109	-3.172	-2.602
4511	45.10	-1.787	-1.203	-1.187	-1.768	-2.646	-3.319	-3.319	-2.437	-0.836	1.006
4521	45.20	2.500	3.201	2.998	2.152	1.164	0.542	0.571	1.196	2.073	2.744
4531	45.30	2.854	2.309	1.286	0.131	-0.825	-1.409	-1.646	-1.691	-1.695	-1.697
4541	45.40	-1.604	-1.275	-0.654	0.136	0.808	1.038	0.653	-0.226	-1.187	-1.684
4551	45.50	-1.302	0.019	1.901	3.656	4.590	4.317	2.959	1.100	-0.477	-1.168
4561	45.60	-0.840	0.095	0.877	0.768	-0.567	-2.872	-5.394	-7.209	-7.642	-6.565
4571	45.70	-4.441	-2.090	-0.304	0.509	0.475	0.131	0.114	0.802	2.115	3.559
4581	45.80	4.479	4.412	3.326	1.649	0.062	-0.832	-0.802	-0.088	0.730	1.036
4591	45.90	0.488	-0.804	-2.329	-3.419	-3.567	-2.657	-1.014	0.762	2.065	2.541
4601	46.00	2.210	1.402	0.566	0.053	-0.022	0.223	0.553	0.766	0.802	0.733
4611	46.10	0.683	0.710	0.744	0.625	0.211	-0.498	-1.304	-1.870	-1.869	-1.160
4621	46.20	0.106	1.522	2.571	2.853	2.256	1.009	-0.417	-1.508	-1.922	-1.608
4631	46.30	-0.796	0.136	0.843	1.148	1.088	0.845	0.629	0.569	0.676	0.873
4641	46.40	1.075	1.249	1.428	1.661	1.943	2.172	2.172	1.773	0.918	-0.263
4651	46.50	-1.464	-2.305	-2.473	-1.854	-0.592	0.965	2.385	3.309	3.563	3.192
4661	46.60	2.406	1.475	0.622	-0.042	-0.520	-0.888	-1.225	-1.566	-1.881	-2.100
4671	46.70	-2.156	-2.032	-1.792	-1.573	-1.556	-1.890	-2.647	-3.751	-4.974	-5.977
4681	46.80	-6.402	-5.988	-4.675	-2.648	-0.303	1.873	3.456	4.223	4.212	3.689
4691	46.90	3.017	2.511	2.316	2.377	2.503	2.483	2.209	1.723	1.191	0.805
4701	47.00	0.670	0.740	0.834	0.722	0.245	-0.597	-1.618	-2.510	-2.953	-2.736
4711	47.10	-1.836	-0.428	1.165	2.564	3.428	3.540	2.848	1.482	-0.271	-2.018
4721	47.20	-3.367	-3.927	-3.604	-2.461	-0.810	0.891	2.174	2.713	2.424	1.486
4731	47.30	0.259	-0.862	-1.590	-1.845	-1.754	-1.567	-1.533	-1.786	-2.295	-2.895
4741	47.40	-3.362	-3.516	-3.277	-2.680	-1.833	-0.865	0.119	1.050	1.879	2.549
4751	47.50	2.987	3.120	2.905	2.360	1.572	0.671	-0.218	-1.014	-1.694	-2.271
4761	47.60	-2.743	-3.053	-3.084	-2.698	-1.812	-0.471	1.124	2.649	3.763	4.225
4771	47.70	3.990	3.225	2.240	1.362	0.798	0.562	0.483	0.306	-0.172	-0.989
4781	47.80	-1.984	-2.850	-3.261	-3.011	-2.093	-0.706	0.830	2.193	3.167	3.686
4791	47.90	3.808	3.645	3.284	2.752	2.032	1.119	0.069	-0.977	-1.833	-2.333
4801	48.00	-2.403	-2.094	-1.553	-0.956	-0.436	-0.037	0.269	0.526	0.727	0.787
4811	48.10	0.569	-0.028	-0.982	-2.092	-3.014	-3.376	-2.925	-1.658	0.144	1.985
4821	48.20	3.330	3.791	3.277	2.027	0.519	-0.713	-1.281	-1.083	-0.339	0.506
4831	48.30	0.962	0.685	-0.376	-1.955	-3.558	-4.644	-4.826	-4.021	-2.478	-0.690
4841	48.40	0.799	1.603	1.643	1.167	0.628	0.474	0.932	1.884	2.900	3.414
4851	48.50	2.981	1.501	-0.703	-2.980	-4.592	-5.009	-4.112	-2.236	-0.024	1.836
4861	48.60	2.869	2.971	2.383	1.541	0.850	0.524	0.538	0.712	0.858	0.901
4871	48.70	0.913	1.037	1.360	1.815	2.166	2.118	1.466	0.242	-1.265	-2.597
4881	48.80	-3.320	-3.208	-2.346	-1.087	0.105	0.859	1.039	0.775	0.359	0.075
4891	48.90	0.053	0.213	0.330	0.175	-0.337	-1.082	-1.767	-2.066	-1.775	-0.916
4901	49.00	0.271	1.426	2.227	2.516	2.346	1.927	1.505	1.243	1.148	1.098
4911	49.10	0.930	0.551	0.009	-0.516	-0.796	-0.679	-0.187	0.472	0.966	0.988
4921	49.20	0.400	-0.683	-1.911	-2.824	-3.030	-2.375	-1.018	0.613	1.981	2.640
4931	49.30	2.411	1.441	0.137	-1.009	-1.622	-1.585	-1.066	-0.418	0.005	0.021
4941	49.40	-0.303	-0.686	-0.786	-0.384	0.486	1.534	2.324	2.478	1.852	0.624
4951	49.50	-0.768	-1.796	-2.061	-1.455	-0.205	1.225	2.317	2.704	2.294	1.284
4961	49.60	0.061	-0.961	-1.486	-1.424	-0.887	-0.115	0.628	1.139	1.322	1.183
4971	49.70	0.801	0.279	-0.284	-0.811	-1.252	-1.577	-1.773	-1.830	-1.735	-1.462
4981	49.80	-0.976	-0.249	0.704	1.794	2.838	3.584	3.772	3.235	1.984	0.250
4991	49.90	-1.550	-2.927	-3.479	-3.039	-1.748	-0.023	1.575	2.533	2.558	1.664

Table 7-9-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.156	-1.495	-2.831	-3.554	-3.607	-3.143	-2.430	-1.712	-1.119	-0.635
5011	50.10	-0.154	0.431	1.137	1.856	2.386	2.523	2.155	1.340	0.298	-0.650
5021	50.20	-1.191	-1.129	-0.448	0.684	1.969	3.066	3.682	3.633	2.876	1.503
5031	50.30	-0.281	-2.199	-3.946	-5.239	-5.871	-5.758	-4.957	-3.663	-2.158	-0.740
5041	50.40	0.355	1.007	1.220	1.102	0.804	0.475	0.221	0.097	0.115	0.251
5051	50.50	0.459	0.664	0.777	0.718	0.453	0.034	-0.396	-0.640	-0.536	-0.045
5061	50.60	0.687	1.349	1.582	1.129	-0.014	-1.558	-2.997	-3.807	-3.667	-2.611
5071	50.70	-1.033	0.470	1.350	1.367	0.602	-0.411	-1.101	-1.027	-0.098	1.399
5081	50.80	2.929	3.952	4.143	3.511	2.349	1.073	0.028	-0.643	-1.003	-1.225
5091	50.90	-1.451	-1.695	-1.836	-1.700	-1.176	-0.305	0.726	1.655	2.261	2.446
5101	51.00	2.248	1.786	1.170	0.456	-0.355	-1.248	-2.121	-2.762	-2.905	-2.355
5111	51.10	-1.119	0.528	2.102	3.070	3.060	2.023	0.270	-1.642	-3.120	-3.754
5121	51.20	-3.453	-2.440	-1.122	0.105	1.009	1.583	1.990	2.431	3.004	3.637
5131	51.30	4.113	4.168	3.630	2.506	1.010	-0.507	-1.672	-2.213	-2.040	-1.272
5141	51.40	-0.189	0.859	1.555	1.706	1.293	0.477	-0.461	-1.210	-1.534	-1.358
5151	51.50	-0.795	-0.101	0.425	0.571	0.306	-0.205	-0.669	-0.810	-0.506	0.129
5161	51.60	0.780	1.068	0.728	-0.237	-1.525	-2.636	-3.073	-2.563	-1.193	0.606
5171	51.70	2.215	3.074	2.899	1.787	0.167	-1.386	-2.385	-2.609	-2.158	-1.374
5181	51.80	-0.670	-0.348	-0.490	-0.962	-1.504	-1.868	-1.926	-1.705	-1.350	-1.030
5191	51.90	-0.855	-0.823	-0.837	-0.761	-0.482	0.036	0.744	1.526	2.239	2.746
5201	52.00	2.936	2.741	2.142	1.189	0.009	-1.191	-2.158	-2.652	-2.521	-1.770
5211	52.10	-0.577	0.748	1.859	2.490	2.548	2.137	1.506	0.934	0.607	0.539
5221	52.20	0.575	0.473	0.039	-0.754	-1.722	-2.524	-2.794	-2.310	-1.112	0.490
5231	52.30	2.011	2.984	3.144	2.543	1.518	0.554	0.059	0.183	0.743	1.305
5241	52.40	1.385	0.688	-0.727	-2.436	-3.797	-4.212	-3.382	-1.454	1.015	3.259
5251	52.50	4.584	4.627	3.471	1.589	-0.354	-1.759	-2.294	-1.977	-1.110	-0.119
5261	52.60	0.628	0.937	0.824	0.444	-0.004	-0.373	-0.603	-0.711	-0.735	-0.700
5271	52.70	-0.593	-0.386	-0.073	0.309	0.678	0.941	1.030	0.943	0.742	0.527
5281	52.80	0.397	0.404	0.545	0.765	0.991	1.166	1.257	1.272	1.227	1.129
5291	52.90	0.961	0.682	0.246	-0.371	-1.142	-1.977	-2.730	-3.226	-3.312	-2.905
5301	53.00	-2.038	-0.864	0.362	1.356	1.882	1.834	1.274	0.407	-0.483	-1.146
5311	53.10	-1.456	-1.448	-1.296	-1.220	-1.378	-1.775	-2.258	-2.570	-2.474	-1.867
5321	53.20	-0.853	0.287	1.190	1.558	1.283	0.492	-0.500	-1.318	-1.681	-1.505
5331	53.30	-0.929	-0.238	0.275	0.444	0.312	0.105	0.126	0.604	1.568	2.808
5341	53.40	3.941	4.550	4.361	3.355	1.787	0.096	-1.264	-1.992	-2.042	-1.624
5351	53.50	-1.089	-0.767	-0.822	-1.178	-1.567	-1.660	-1.223	-0.241	1.059	2.285
5361	53.60	3.038	3.065	2.361	1.175	-0.092	-1.036	-1.394	-1.131	-0.438	0.358
5371	53.70	0.915	1.001	0.561	-0.280	-1.278	-2.159	-2.715	-2.858	-2.634	-2.188
5381	53.80	-1.704	-1.333	-1.143	-1.103	-1.102	-1.001	-0.698	-0.172	0.497	1.158
5391	53.90	1.642	1.837	1.734	1.433	1.103	0.908	0.930	1.129	1.347	1.380
5401	54.00	1.064	0.356	-0.625	-1.635	-2.379	-2.625	-2.279	-1.423	-0.281	0.857
5411	54.10	1.732	2.185	2.188	1.823	1.232	0.564	-0.067	-0.587	-0.952	-1.131
5421	54.20	-1.099	-0.847	-0.404	0.153	0.693	1.072	1.168	0.931	0.404	-0.294
5431	54.30	-1.003	-1.580	-1.938	-2.059	-1.976	-1.737	-1.375	-0.898	-0.309	0.363
5441	54.40	1.037	1.591	1.899	1.895	1.614	1.196	0.642	0.726	0.911	1.313
5451	54.50	1.728	1.924	1.749	1.217	0.510	-0.094	-0.346	-0.144	0.414	1.067
5461	54.60	1.508	1.514	1.047	0.265	-0.563	-1.177	-1.444	-1.398	-1.207	-1.060
5471	54.70	-1.064	-1.177	-1.233	-1.031	-0.451	0.458	1.473	2.270	2.543	2.127
5481	54.80	1.065	-0.401	-1.908	-3.080	-3.639	-3.469	-2.627	-1.318	0.171	1.535
5491	54.90	2.514	2.942	2.770	2.075	1.036	-0.112	-1.137	-1.863	-2.209	-2.191

Table 7-9-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.906	-1.476	-1.034	-0.667	-0.427	-0.323	-0.329	-0.392	-0.432	-0.359
5511	55.10	-0.099	0.368	0.982	1.596	2.014	2.065	1.677	0.933	0.054	-0.672
5521	55.20	-1.009	-0.878	-0.394	0.169	0.505	0.411	-0.111	-0.843	-1.442	-1.586
5531	55.30	-1.123	-0.138	1.070	2.112	2.664	2.588	1.975	1.090	0.250	-0.301
5541	55.40	-0.477	-0.350	-0.095	0.115	0.178	0.104	-0.019	-0.082	-0.020	0.153
5551	55.50	0.355	0.479	0.447	0.250	-0.050	-0.352	-0.557	-0.613	-0.531	-0.365
5561	55.60	-0.184	-0.035	0.074	0.165	0.254	0.330	0.341	0.219	-0.074	-0.505
5571	55.70	-0.949	-1.230	-1.189	-0.776	-0.098	0.594	0.995	0.880	0.218	-0.784
5581	55.80	-1.748	-2.278	-2.135	-1.352	-0.234	0.773	1.282	1.143	0.511	-0.236
5591	55.90	-0.683	-0.590	-0.013	0.722	1.195	1.110	0.466	-0.425	-1.088	-1.127
5601	56.00	-0.434	0.730	1.850	2.398	2.092	1.044	-0.290	-1.324	-1.627	-1.128
5611	56.10	-0.148	0.767	1.113	0.679	-0.362	-1.543	-2.343	-2.439	-1.854	-0.916
5621	56.20	-0.074	0.345	0.304	0.058	-0.000	0.425	1.344	2.445	3.225	3.228
5631	56.30	2.278	0.583	-1.337	-2.862	-3.530	-3.221	-2.181	-0.887	0.172	0.707
5641	56.40	0.719	0.454	0.243	0.324	0.717	1.223	1.529	1.368	0.654	-0.468
5651	56.50	-1.676	-2.600	-2.961	-2.676	-1.864	-0.787	0.259	1.052	1.505	1.663
5661	56.60	1.654	1.612	1.611	1.637	1.601	1.389	0.919	0.193	-0.682	-1.518
5671	56.70	-2.093	-2.222	-1.819	-0.941	0.218	1.374	2.225	2.544	2.242	1.398
5681	56.80	0.231	-0.961	-1.896	-2.388	-2.386	-1.984	-1.368	-0.752	-0.312	-0.144
5691	56.90	-0.247	-0.546	-0.926	-1.265	-1.465	-1.463	-1.238	-0.806	-0.218	0.451
5701	57.00	1.113	1.688	2.124	2.409	2.566	2.639	2.664	2.641	2.528	2.262
5711	57.10	1.789	1.108	0.284	-0.552	-1.254	-1.709	-1.883	-1.832	-1.668	-1.510
5721	57.20	-1.420	-1.382	-1.311	-1.103	-0.700	-0.133	0.482	0.985	1.243	1.208
5731	57.30	0.942	0.588	0.307	0.206	0.291	0.470	0.603	0.575	0.363	0.054
5741	57.40	-0.177	-0.145	0.267	1.037	1.998	2.869	3.346	3.198	2.348	0.908
5751	57.50	-0.848	-2.555	-3.862	-4.525	-4.470	-3.800	-2.746	-1.589	-0.566	0.189
5761	57.60	0.669	0.958	1.175	1.408	1.670	1.898	1.992	1.863	1.485	0.902
5771	57.70	0.250	-0.359	-0.808	-1.048	-1.099	-1.025	-0.912	-0.828	-0.810	-0.858
5781	57.80	-0.942	-1.015	-1.027	-0.937	-0.725	-0.407	-0.034	0.312	0.538	0.580
5791	57.90	0.432	0.163	-0.097	-0.199	-0.033	0.415	1.049	1.685	2.110	2.153
5801	58.00	1.746	0.947	-0.087	-1.147	-2.036	-2.611	-2.806	-2.631	-2.148	-1.457
5811	58.10	-0.674	0.079	0.697	1.108	1.291	1.280	1.149	0.973	0.788	0.573
5821	58.20	0.258	-0.228	-0.897	-1.654	-2.304	-2.608	-2.377	-1.572	-0.337	1.024
5831	58.30	2.154	2.766	2.748	2.190	1.334	0.458	-0.230	-0.662	-0.901	-1.061
5841	58.40	-1.226	-1.386	-1.440	-1.266	-0.799	-0.091	0.699	1.370	1.773	1.876
5851	58.50	1.769	1.603	1.489	1.432	1.327	1.024	0.441	-0.352	-1.119	-1.547
5861	58.60	-1.388	-0.597	0.615	1.837	2.615	2.638	1.863	0.530	-0.949	-2.160
5871	58.70	-2.851	-2.998	-2.766	-2.388	-2.035	-1.746	-1.447	-1.039	-0.493	0.101
5881	58.80	0.578	0.795	0.729	0.512	0.372	0.505	0.947	1.525	1.914	1.791
5891	58.90	1.007	-0.317	-1.813	-3.014	-3.552	-3.310	-2.448	-1.308	-0.238	0.565
5901	59.00	1.108	1.543	2.025	2.578	3.056	3.213	2.854	1.965	0.761	-0.399
5911	59.10	-1.181	-1.433	-1.257	-0.936	-0.762	-0.866	-1.130	-1.256	-0.944	-0.088
5921	59.20	1.116	2.235	2.790	2.507	1.470	0.101	-1.026	-1.463	-1.105	-0.235
5931	59.30	0.619	0.962	0.578	-0.348	-1.335	-1.845	-1.561	-0.548	0.781	1.868
5941	59.40	2.287	1.943	1.099	0.220	-0.271	-0.205	0.259	0.742	0.860	0.436
5951	59.50	-0.404	-1.298	-1.834	-1.760	-1.102	-0.148	0.705	1.141	1.055	0.572
5961	59.60	-0.059	-0.611	-0.988	-1.242	-1.484	-1.767	-2.006	-1.993	-1.517	-0.508
5971	59.70	0.863	2.209	3.064	3.085	2.223	0.755	-0.814	-1.970	-2.401	-2.114
5981	59.80	-1.410	-0.712	-0.358	-0.434	-0.752	-0.959	-0.732	0.048	1.221	2.409
5991	59.90	3.185	3.255	2.584	1.398	0.078	-0.997	-1.593	-1.668	-1.348	-0.821

Table 7-9-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.251	0.281	0.761	1.198	1.574	1.838	1.928	1.827	1.586	1.311
6011	60.10	1.107	1.013	0.968	0.841	0.513	-0.035	-0.672	-1.148	-1.201	-0.695
6021	60.20	0.288	1.447	2.370	2.700	2.285	1.247	-0.079	-1.292	-2.093	-2.397
6031	60.30	-2.329	-2.121	-1.966	-1.907	-1.826	-1.529	-0.883	0.067	1.083	1.819
6041	60.40	1.973	1.455	0.366	-0.953	-2.064	-2.695	-2.761	-2.395	-1.849	-1.362
6051	60.50	-1.056	-0.904	-0.790	-0.602	-0.317	-0.021	0.166	0.080	-0.212	-0.598
6061	60.60	-0.878	-0.887	-0.588	-0.093	0.376	0.596	0.447	-0.037	-0.686	-1.286
6071	60.70	-1.677	-1.823	-1.809	-1.775	-1.821	-1.938	-2.007	-1.854	-1.359	-0.530
6081	60.80	0.470	1.376	1.931	1.991	1.591	0.928	0.273	-0.139	-0.206	0.011
6091	60.90	0.335	0.566	0.571	0.343	-0.012	-0.337	-0.508	-0.488	-0.337	-0.161
6101	61.00	-0.049	-0.012	0.025	0.180	0.546	1.123	1.802	2.394	2.709	2.632
6111	61.10	2.173	1.460	0.685	0.030	-0.392	-0.550	-0.673	-0.201	0.241	0.847
6121	61.20	1.587	2.369	3.022	3.328	3.106	2.302	1.051	-0.343	-1.490	-2.060
6131	61.30	-1.908	-1.130	-0.034	0.985	1.590	1.625	1.157	0.424	-0.274	-0.694
6141	61.40	-0.731	-0.429	0.066	0.585	0.996	1.239	1.312	1.242	1.057	0.769
6151	61.50	0.387	-0.066	-0.550	-1.005	-1.368	-1.593	-1.656	-1.551	-1.285	-0.876
6161	61.60	-0.363	0.189	0.679	0.988	1.019	0.735	0.190	-0.479	-1.090	-1.488
6171	61.70	-1.597	-1.445	-1.139	-0.814	-0.571	-0.444	-0.408	-0.418	-0.451	-0.523
6181	61.80	-0.670	-0.898	-1.153	-1.311	-1.231	-0.833	-0.162	0.602	1.197	1.395
6191	61.90	1.107	0.437	-0.355	-0.963	-1.177	-0.973	-0.520	-0.077	0.137	0.071
6201	62.00	-0.138	-0.236	-0.004	0.606	1.416	2.077	2.230	1.678	0.501	-0.962
6211	62.10	-2.241	-2.930	-2.849	-2.103	-1.016	0.029	0.754	1.089	1.155	1.161
6221	62.20	1.262	1.462	1.610	1.491	0.955	0.024	-1.085	-2.038	-2.519	-2.369
6231	62.30	-1.651	-0.627	0.353	0.991	1.149	0.881	0.392	-0.069	-0.367	-0.252
6241	62.40	0.033	0.395	0.666	0.723	0.530	0.143	-0.312	-0.680	-0.818	-0.637
6251	62.50	-0.128	0.624	1.454	2.160	2.564	2.567	2.189	1.560	0.866	0.275
6261	62.60	-0.131	-0.382	-0.588	-0.861	-1.235	-1.626	-1.860	-1.754	-1.227	-0.364
6271	62.70	0.589	1.318	1.575	1.295	0.634	-0.099	-0.577	-0.612	-0.237	0.310
6281	62.80	0.710	0.719	0.297	-0.371	-0.957	-1.153	-0.818	-0.050	0.854	1.534
6291	62.90	1.727	1.376	0.650	-0.150	-0.724	-0.902	-0.697	-0.273	0.143	0.369
6301	63.00	0.336	0.096	-0.226	-0.494	-0.618	-0.574	-0.395	-0.147	0.094	0.252
6311	63.10	0.262	0.081	-0.291	-0.793	-1.299	-1.651	-1.714	-1.439	-0.897	-0.261
6321	63.20	0.261	0.519	0.492	0.301	0.145	0.198	0.514	0.985	1.389	1.488
6331	63.30	1.153	0.432	-0.462	-1.239	-1.659	-1.623	-1.205	-0.595	-0.009	0.410
6341	63.40	0.625	0.681	0.651	0.568	0.413	0.146	-0.240	-0.674	-1.012	-1.096
6351	63.50	-0.833	-0.260	0.462	1.098	1.443	1.399	1.012	0.430	-0.172	-0.671
6361	63.60	-1.037	-1.302	-1.508	-1.645	-1.634	-1.367	-0.780	0.079	1.037	1.839
6371	63.70	2.244	2.125	1.521	0.623	-0.304	-1.018	-1.382	-1.391	-1.140	-0.763
6381	63.80	-0.378	-0.056	0.179	0.326	0.383	0.346	0.213	0.002	-0.252	-0.508
6391	63.90	-0.745	-0.965	-1.191	-1.430	-1.648	-1.759	-1.652	-1.251	-0.566	0.278
6401	64.00	1.078	1.622	1.784	1.583	1.172	0.777	0.582	0.649	0.887	1.098
6411	64.10	1.084	0.746	0.151	-0.498	-0.937	-0.963	-0.522	0.268	1.158	1.869
6421	64.20	2.189	2.040	1.489	0.712	-0.079	-0.700	-1.039	-1.071	-0.845	-0.457
6431	64.30	-0.022	0.360	0.624	0.752	0.764	0.704	0.609	0.488	0.313	0.036
6441	64.40	-0.370	-0.884	-1.412	-1.810	-1.936	-1.709	-1.154	-0.399	0.368	0.974
6451	64.50	1.323	1.423	1.357	1.229	1.100	0.958	0.742	0.394	-0.085	-0.613
6461	64.60	-1.051	-1.264	-1.184	-0.849	-0.379	0.080	0.425	0.624	0.713	0.739
6471	64.70	0.714	0.591	0.302	-0.181	-0.790	-1.349	-1.636	-1.491	-0.909	-0.078
6481	64.80	0.682	1.054	0.870	0.202	-0.657	-1.319	-1.469	-1.013	-0.117	0.881
6491	64.90	1.624	1.905	1.749	1.384	1.106	1.118	1.423	1.821	2.009	1.738

Table 7-9-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.946	-0.206	-1.383	-2.236	-2.522	-2.205	-1.446	-0.523	0.292	0.825
6511	65.10	1.035	0.990	0.797	0.541	0.256	-0.069	-0.449	-0.875	-1.293	-1.626
6521	65.20	-1.802	-1.787	-1.594	-1.277	-0.902	-0.529	-0.193	0.093	0.325	0.508
6531	65.30	0.644	0.744	0.819	0.884	0.940	0.968	0.920	0.734	0.363	-0.195
6541	65.40	-0.876	-1.555	-2.072	-2.282	-2.106	-1.561	-0.757	0.128	0.910	1.448
6551	65.50	1.682	1.642	1.423	1.144	0.901	0.735	0.627	0.522	0.367	0.140
6561	65.60	-0.124	-0.358	-0.489	-0.481	-0.368	-0.238	-0.205	-0.343	-0.646	-1.010
6571	65.70	-1.268	-1.263	-0.918	-0.288	0.452	1.066	1.356	1.240	0.784	0.174
6581	65.80	-0.369	-0.684	-0.729	-0.587	-0.405	-0.318	-0.370	-0.498	-0.566	-0.643
6591	65.90	-0.072	0.490	1.094	1.561	1.760	1.656	1.318	0.877	0.466	0.164
6601	66.00	-0.021	-0.137	-0.241	-0.369	-0.513	-0.634	-0.693	-0.678	-0.613	-0.546
6611	66.10	-0.517	-0.531	-0.550	-0.506	-0.339	-0.028	0.387	0.803	1.092	1.136
6621	66.20	0.878	0.347	-0.346	-1.029	-1.516	-1.665	-1.416	-0.817	-0.012	0.802
6631	66.30	1.426	1.717	1.630	1.216	0.599	-0.066	-0.647	-1.058	-1.268	-1.282
6641	66.40	-1.120	-0.807	-0.375	0.126	0.613	0.982	1.133	1.005	0.616	0.058
6651	66.50	-0.523	-0.983	-1.226	-1.237	-1.069	-0.808	-0.528	-0.264	-0.013	0.238
6661	66.60	0.474	0.645	0.676	0.510	0.149	-0.328	-0.792	-1.117	-1.239	-1.185
6671	66.70	-1.060	-0.988	-1.047	-1.226	-1.428	-1.525	-1.422	-1.105	-0.642	-0.143
6681	66.80	0.304	0.677	1.018	1.389	1.806	2.204	2.444	2.384	1.951	1.204
6691	66.90	0.326	-0.445	-0.917	-1.025	-0.851	-0.570	-0.353	-0.274	-0.278	-0.223
6701	67.00	0.027	0.509	1.120	1.652	1.895	1.742	1.250	0.625	0.120	-0.074
6711	67.10	0.078	0.451	0.827	1.007	0.905	0.585	0.217	-0.013	0.004	0.252
6721	67.20	0.607	0.909	1.034	0.952	0.721	0.446	0.219	0.075	-0.013	-0.111
6731	67.30	-0.280	-0.546	-0.890	-1.259	-1.586	-1.800	-1.840	-1.653	-1.213	-0.542
6741	67.40	0.268	1.052	1.606	1.752	1.412	0.664	-0.267	-1.083	-1.519	-1.454
6751	67.50	-0.958	-0.257	0.365	0.697	0.688	0.453	0.205	0.135	0.312	0.644
6761	67.60	0.937	0.991	0.717	0.181	-0.423	-0.870	-1.017	-0.872	-0.581	-0.351
6771	67.70	-0.335	-0.555	-0.891	-1.153	-1.183	-0.944	-0.546	-0.189	-0.060	-0.232
6781	67.80	-0.625	-1.035	-1.243	-1.117	-0.681	-0.104	0.386	0.613	0.538	0.279
6791	67.90	0.044	0.026	0.306	0.806	1.325	1.641	1.609	1.239	0.684	0.174
6601	68.00	-0.095	-0.047	0.247	0.608	0.836	0.802	0.503	0.051	-0.391	-0.684
6811	68.10	-0.773	-0.699	-0.557	-0.439	-0.373	-0.316	-0.182	0.101	0.536	1.037
6821	68.20	1.460	1.656	1.540	1.129	0.531	-0.094	-0.598	-0.896	-0.982	-0.909
6831	68.30	-0.748	-0.551	-0.335	-0.090	0.192	0.492	0.760	0.927	0.939	0.783
6841	68.40	0.495	0.148	-0.178	-0.428	-0.582	-0.658	-0.690	-0.710	-0.730	-0.746
6851	68.50	-0.746	-0.716	-0.649	-0.533	-0.355	-0.102	0.226	0.602	0.958	1.198
6861	68.60	1.232	1.014	0.573	0.019	-0.488	-0.799	-0.831	-0.600	-0.210	0.189
6871	68.70	0.466	0.557	0.477	0.295	0.084	-0.119	-0.326	-0.575	-0.886	-1.225
6881	68.80	-1.498	-1.589	-1.415	-0.981	-0.399	0.146	0.463	0.438	0.082	-0.472
6891	68.90	-1.020	-1.370	-1.413	-1.157	-0.707	-0.213	0.195	0.449	0.546	0.522
6901	69.00	0.412	0.227	-0.043	-0.396	-0.791	-1.128	-1.273	-1.109	-0.593	0.201
6911	69.10	1.092	1.846	2.255	2.219	1.775	1.087	0.371	-0.185	-0.486	-0.553
6921	69.20	-0.489	-0.415	-0.404	-0.455	-0.500	-0.455	-0.280	-0.006	0.271	0.434
6931	69.30	0.402	0.176	-0.166	-0.500	-0.718	-0.767	-0.666	-0.478	-0.266	-0.058
6941	69.40	0.164	0.434	0.767	1.126	1.425	1.572	1.520	1.300	1.012	0.776
6951	69.50	0.660	0.635	0.584	0.362	-0.114	-0.789	-1.476	-1.924	-1.931	-1.455
6961	69.60	-0.669	0.204	0.810	1.002	0.819	0.477	0.251	0.331	0.715	1.206
6971	69.70	1.510	1.390	0.799	-0.086	-0.937	-1.428	-1.386	-0.870	-0.134	0.494
6981	69.80	0.767	0.622	0.192	-0.282	-0.578	-0.590	-0.366	-0.050	0.209	0.337
6991	69.90	0.365	0.387	0.488	0.675	0.871	0.950	0.816	0.460	-0.028	-0.507

Table 7-9-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.860	-1.053	-1.145	-1.243	-1.424	-1.669	-1.856	-1.810	-1.394	-0.596
7011	70.10	0.442	1.466	2.205	2.476	2.258	1.690	1.002	0.417	0.060	-0.077
7021	70.20	-0.109	-0.187	-0.411	-0.779	-1.182	-1.454	-1.449	-1.102	-0.473	0.278
7031	70.30	0.938	1.323	1.336	1.002	0.452	-0.125	-0.553	-0.728	-0.656	-0.439
7041	70.40	-0.228	-0.162	-0.301	-0.599	-0.921	-1.090	-0.963	-0.493	0.235	1.028
7051	70.50	1.641	1.862	1.585	0.857	-0.138	-1.129	-1.844	-2.099	-1.845	-1.183
7061	70.60	-0.319	0.511	1.115	1.405	1.407	1.228	0.999	0.809	0.676	0.549
7071	70.70	0.350	0.032	-0.383	-0.803	-1.103	-1.185	-1.026	-0.699	-0.335	-0.072
7081	70.80	0.016	-0.059	-0.208	-0.321	-0.326	-0.226	-0.094	-0.019	-0.050	-0.158
7091	70.90	-0.246	-0.196	0.063	0.504	1.008	1.405	1.554	1.397	0.984	0.437
7101	71.00	-0.107	-0.550	-0.858	-1.046	-1.136	-1.125	-0.983	-0.680	-0.223	0.313
7111	71.10	0.805	1.131	1.226	1.117	0.908	0.725	0.637	0.618	0.556	0.318
7121	71.20	-0.159	-0.815	-1.463	-1.868	-1.846	-1.358	-0.530	0.393	1.151	1.569
7131	71.30	1.615	1.378	1.006	0.621	0.275	-0.069	-0.382	-0.718	-0.986	-1.079
7141	71.40	-0.911	-0.482	0.105	0.675	1.059	1.166	1.033	0.781	0.567	0.492
7151	71.50	0.557	0.672	0.716	0.607	0.353	0.049	-0.180	-0.243	-0.132	0.076
7161	71.60	0.266	0.352	0.318	0.228	0.176	0.234	0.398	0.591	0.697	0.628
7171	71.70	0.369	-0.009	-0.384	-0.645	-0.748	-0.733	-0.704	-0.764	-0.966	-1.270
7181	71.80	-1.565	-1.710	-1.604	-1.230	-0.667	-0.063	0.420	0.663	0.631	0.379
7191	71.90	0.023	-0.303	-0.490	-0.497	-0.350	-0.134	0.046	0.111	0.034	-0.140
7201	72.00	-0.318	-0.395	-0.303	-0.054	0.258	0.488	0.493	0.203	-0.344	-1.003
7211	72.10	-1.577	-1.893	-1.876	-1.577	-1.148	-0.772	-0.576	-0.577	-0.674	-0.708
7221	72.20	-0.549	-0.172	0.319	0.728	0.866	0.638	0.108	-0.522	-0.992	-1.099
7231	72.30	-0.786	-0.177	0.482	0.925	0.980	0.641	0.061	-0.522	-0.894	-0.949
7241	72.40	-0.722	-0.355	-0.018	0.178	0.221	0.189	0.195	0.318	0.563	0.861
7251	72.50	1.108	1.223	1.183	1.026	0.817	0.607	0.405	0.186	-0.078	-0.376
7261	72.60	-0.642	-0.774	-0.685	-0.360	0.119	0.594	0.895	0.923	0.704	0.387
7271	72.70	0.178	0.249	0.646	1.261	1.865	2.205	2.113	1.582	0.774	-0.041
7281	72.80	-0.590	-0.703	-0.374	0.247	0.916	1.390	1.509	1.244	0.689	0.016
7291	72.90	-0.596	-1.016	-1.200	-1.184	-1.060	-0.924	-0.842	-0.821	-0.815	-0.753
7301	73.00	-0.575	-0.275	0.090	0.411	0.572	0.500	0.206	-0.207	-0.577	-0.748
7311	73.10	-0.632	-0.253	0.254	0.703	0.925	0.840	0.485	-0.003	-0.457	-0.745
7321	73.20	-0.829	-0.763	-0.657	-0.611	-0.660	-0.757	-0.797	-0.672	-0.332	0.188
7331	73.30	0.770	1.264	1.547	1.566	1.352	1.001	0.625	0.308	0.082	-0.075
7341	73.40	-0.212	-0.372	-0.569	-0.781	-0.961	-1.058	-1.050	-0.900	-0.659	-0.349
7351	73.50	-0.011	0.322	0.619	0.855	1.005	1.049	0.983	0.821	0.603	0.386
7361	73.60	0.232	0.184	0.253	0.411	0.599	0.749	0.813	0.781	0.682	0.572
7371	73.70	0.498	0.474	0.465	0.402	0.213	-0.127	-0.573	-1.005	-1.265	-1.223
7381	73.80	-0.837	-0.189	0.532	1.087	1.280	1.026	0.391	-0.438	-1.224	-1.767
7391	73.90	-1.980	-1.895	-1.633	-1.331	-1.071	-0.850	-0.600	-0.245	0.235	0.768
7401	74.00	1.207	1.392	1.228	0.760	0.076	-0.545	-0.924	-0.963	-0.700	-0.289
7411	74.10	0.079	0.257	0.205	-0.005	-0.238	-0.367	-0.340	-0.194	-0.032	0.044
7421	74.20	-0.018	-0.189	-0.379	-0.493	-0.484	-0.374	-0.241	-0.169	-0.201	-0.307
7431	74.30	-0.402	-0.400	-0.262	-0.028	0.199	0.310	0.249	0.049	-0.177	-0.296
7441	74.40	-0.229	0.002	0.274	0.421	0.322	-0.027	-0.497	-0.870	-0.937	-0.595
7451	74.50	0.099	0.945	1.673	2.047	1.957	1.444	0.672	-0.148	-0.839	-1.308
7461	74.60	-1.556	-1.643	-1.641	-1.593	-1.504	-1.352	-1.116	-0.797	-0.425	-0.052
7471	74.70	0.269	0.493	0.595	0.574	0.448	0.259	0.066	-0.064	-0.071	0.071
7481	74.80	0.335	0.642	0.879	0.943	0.780	0.414	-0.060	-0.511	-0.824	-0.938
7491	74.90	-0.864	-0.663	-0.408	-0.147	0.108	0.372	0.652	0.921	1.118	1.172

Table 7-9-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	1.046	0.772	0.453	0.227	0.207	0.425	0.810	1.214	1.471	1.473
7511	75.10	1.210	0.772	0.310	-0.040	-0.205	-0.197	-0.096	0.003	0.039	0.006
7521	75.20	-0.050	-0.068	-0.006	0.130	0.297	0.432	0.488	0.453	0.350	0.223
7531	75.30	0.115	0.045	0.009	-0.011	-0.036	-0.077	-0.132	-0.191	-0.240	-0.274
7541	75.40	-0.292	-0.300	-0.307	-0.326	-0.366	-0.437	-0.537	-0.643	-0.711	-0.685
7551	75.50	-0.513	-0.180	0.275	0.757	1.133	1.282	1.136	0.714	0.125	-0.475
7561	75.60	-0.930	-1.142	-1.102	-0.875	-0.571	-0.285	-0.065	0.099	0.250	0.423
7571	75.70	0.610	0.749	0.747	0.530	0.085	-0.513	-1.120	-1.568	-1.729	-1.560
7581	75.80	-1.125	-0.559	-0.025	0.353	0.519	0.492	0.337	0.129	-0.078	-0.262
7591	75.90	-0.415	-0.523	-0.550	-0.448	-0.188	0.215	0.681	1.081	1.288	1.226
7601	76.00	0.912	0.457	0.015	-0.272	-0.343	-0.238	-0.070	0.031	-0.009	-0.177
7611	76.10	-0.385	-0.517	-0.499	-0.340	-0.121	0.052	0.112	0.082	0.061	0.168
7621	76.20	0.468	0.909	1.327	1.511	1.301	0.681	-0.193	-1.042	-1.574	-1.603
7631	76.30	-1.128	-0.332	0.495	1.071	1.230	0.966	0.413	-0.225	-0.767	-1.109
7641	76.40	-1.238	-1.207	-1.092	-0.953	-0.825	-0.719	-0.638	-0.576	-0.520	-0.439
7651	76.50	-0.296	-0.062	0.253	0.589	0.845	0.924	0.782	0.466	0.100	-0.162
7661	76.60	-0.213	-0.051	0.214	0.407	0.388	0.126	-0.267	-0.583	-0.621	-0.292
7671	76.70	0.315	0.968	1.387	1.382	0.944	0.251	-0.408	-0.778	-0.750	-0.414
7681	76.80	-0.006	0.215	0.096	-0.329	-0.859	-1.224	-1.214	-0.779	-0.050	0.725
7691	76.90	1.295	1.508	1.363	0.988	0.558	0.214	0.009	-0.091	-0.154	-0.231
7701	77.00	-0.314	-0.346	-0.263	-0.047	0.252	0.528	0.671	0.628	0.436	0.205
7711	77.10	0.070	0.117	0.331	0.599	0.752	0.654	0.268	-0.305	-0.864	-1.180
7721	77.20	-1.096	-0.603	0.154	0.921	1.435	1.529	1.190	0.566	-0.100	-0.570
7731	77.30	-0.706	-0.515	-0.136	0.228	0.404	0.319	0.023	-0.340	-0.611	-0.683
7741	77.40	-0.550	-0.299	-0.066	0.043	-0.020	-0.211	-0.431	-0.573	-0.576	-0.444
7751	77.50	-0.239	-0.045	0.070	0.083	0.009	-0.110	-0.234	-0.332	-0.389	-0.389
7761	77.60	-0.316	-0.156	0.088	0.373	0.619	0.725	0.614	0.272	-0.231	-0.760
7771	77.70	-1.159	-1.317	-1.212	-0.920	-0.573	-0.302	-0.170	-0.148	-0.136	-0.022
7781	77.80	0.253	0.656	1.067	1.328	1.316	0.998	0.452	-0.166	-0.682	-0.970
7791	77.90	-0.997	-0.826	-0.576	-0.371	-0.290	-0.342	-0.471	-0.590	-0.614	-0.502
7801	78.00	-0.263	0.040	0.313	0.466	0.440	0.230	-0.101	-0.442	-0.663	-0.662
7811	78.10	-0.403	0.059	0.596	1.043	1.257	1.179	0.846	0.384	-0.051	-0.334
7821	78.20	-0.419	-0.351	-0.226	-0.140	-0.130	-0.159	-0.137	0.022	0.341	0.753
7831	78.30	1.119	1.284	1.158	0.756	0.205	-0.311	-0.653	-0.692	-0.540	-0.311
7841	78.40	-0.155	-0.155	-0.283	-0.423	-0.426	-0.198	0.239	0.750	1.140	1.240
7851	78.50	0.996	0.490	-0.090	-0.531	-0.692	-0.558	-0.244	0.070	0.225	0.158
7861	78.60	-0.069	-0.309	-0.399	-0.238	0.163	0.691	1.181	1.485	1.529	1.328
7871	78.70	0.970	0.561	0.187	-0.118	-0.363	-0.576	-0.777	-0.962	-1.101	-1.160
7881	78.80	-1.113	-0.957	-0.715	-0.423	-0.126	0.130	0.305	0.366	0.305	0.141
7891	78.90	-0.067	-0.236	-0.283	-0.163	0.105	0.429	0.679	0.735	0.546	0.156
7901	79.00	-0.308	-0.687	-0.866	-0.819	-0.623	-0.408	-0.291	-0.311	-0.403	-0.437
7911	79.10	-0.285	0.099	0.641	1.167	1.480	1.447	1.066	0.466	-0.145	-0.577
7921	79.20	-0.733	-0.646	-0.445	-0.283	-0.263	-0.387	-0.570	-0.692	-0.670	-0.495
7931	79.30	-0.241	-0.023	0.066	-0.009	-0.212	-0.464	-0.684	-0.832	-0.895	-0.885
7941	79.40	-0.801	-0.612	-0.272	0.241	0.885	1.536	2.014	2.166	1.842	1.146
7951	79.50	0.240	-0.619	-1.187	-1.326	-1.050	-0.512	0.065	0.486	0.659	0.622
7961	79.60	0.510	0.479	0.627	0.942	1.309	1.558	1.549	1.235	0.688	0.073
7971	79.70	-0.421	-0.661	-0.619	-0.386	-0.124	0.007	-0.080	-0.362	-0.709	-0.945
7981	79.80	-0.925	-0.600	-0.042	0.577	1.051	1.220	1.027	0.544	-0.061	-0.587
7991	79.90	-0.875	-0.861	-0.588	-0.187	0.186	0.404	0.415	0.250	-0.002	-0.238

Table 7-9-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-0.386	-0.431	-0.414	-0.407	-0.471	-0.619	-0.802	-0.924	-0.878	-0.594
8011	80.10	-0.092	0.537	1.128	1.510	1.567	1.283	0.750	0.132	-0.391	-0.698
8021	80.20	-0.762	-0.656	-0.507	-0.434	-0.490	-0.647	-0.809	-0.871	-0.775	-0.541
8031	80.30	-0.263	-0.057	-0.011	-0.133	-0.353	-0.552	-0.625	-0.526	-0.292	-0.021
8041	80.40	0.179	0.236	0.154	-0.005	-0.148	-0.206	-0.157	-0.037	0.088	0.161
8051	80.50	0.158	0.096	0.017	-0.038	-0.051	-0.028	0.015	0.070	0.146	0.264
8061	80.60	0.435	0.638	0.817	0.898	0.827	0.597	0.269	-0.054	-0.263	-0.294
8071	80.70	-0.155	0.077	0.298	0.425	0.434	0.366	0.299	0.298	0.376	0.483
8081	80.80	0.537	0.472	0.281	0.035	-0.151	-0.171	0.012	0.334	0.651	0.801
8091	80.90	0.680	0.296	-0.223	-0.680	-0.895	-0.780	-0.379	0.149	0.601	0.812
8101	81.00	0.722	0.387	-0.054	-0.448	-0.697	-0.789	-0.785	-0.771	-0.802	-0.868
8111	81.10	-0.900	-0.810	-0.545	-0.126	0.346	0.727	0.886	0.761	0.380	-0.150
8121	81.20	-0.684	-1.093	-1.301	-1.301	-1.137	-0.879	-0.591	-0.320	-0.091	0.085
8131	81.30	0.199	0.248	0.235	0.176	0.095	0.018	-0.040	-0.087	-0.143	-0.228
8141	81.40	-0.346	-0.470	-0.545	-0.513	-0.338	-0.027	0.361	0.735	0.996	1.074
8151	81.50	0.941	0.616	0.153	-0.371	-0.877	-1.282	-1.507	-1.490	-1.197	-0.647
8161	81.60	0.074	0.830	1.462	1.838	1.901	1.686	1.305	0.895	0.564	0.345
8171	81.70	0.193	0.023	-0.233	-0.582	-0.956	-1.237	-1.318	-1.150	-0.774	-0.297
8181	81.80	0.152	0.485	0.684	0.793	0.880	0.982	1.082	1.105	0.966	0.622
8191	81.90	0.107	-0.463	-0.935	-1.177	-1.127	-0.817	-0.349	0.147	0.564	0.847
8201	82.00	0.990	1.019	0.961	0.831	0.635	0.389	0.127	-0.102	-0.245	-0.278
8211	82.10	-0.217	-0.119	-0.048	-0.051	-0.128	-0.236	-0.314	-0.315	-0.237	-0.124
8221	82.20	-0.042	-0.039	-0.120	-0.234	-0.302	-0.259	-0.091	0.155	0.383	0.499
8231	82.30	0.450	0.257	0.004	-0.197	-0.255	-0.138	0.115	0.416	0.661	0.776
8241	82.40	0.734	0.559	0.306	0.038	-0.191	-0.342	-0.389	-0.315	-0.116	0.189
8251	82.50	0.550	0.882	1.083	1.066	0.792	0.295	-0.319	-0.900	-1.308	-1.458
8261	82.60	-1.348	-1.056	-0.703	-0.403	-0.216	-0.135	-0.098	-0.035	0.093	0.265
8271	82.70	0.408	0.431	0.276	-0.042	-0.436	-0.769	-0.915	-0.812	-0.488	-0.051
8281	82.80	0.356	0.612	0.670	0.565	0.392	0.252	0.209	0.260	0.344	0.381
8291	82.90	0.314	0.137	-0.100	-0.321	-0.461	-0.495	-0.449	-0.376	-0.325	-0.317
8301	83.00	-0.329	-0.315	-0.230	-0.060	0.168	0.396	0.555	0.598	0.511	0.316
8311	83.10	0.056	-0.221	-0.475	-0.674	-0.792	-0.803	-0.686	-0.443	-0.104	0.262
8321	83.20	0.561	0.705	0.641	0.372	-0.039	-0.491	-0.884	-1.145	-1.251	-1.222
8331	83.30	-1.093	-0.893	-0.628	-0.288	0.133	0.610	1.075	1.430	1.577	1.458
8341	83.40	1.089	0.561	0.019	-0.384	-0.544	-0.434	-0.115	0.293	0.655	0.868
8351	83.50	0.893	0.756	0.532	0.305	0.138	0.055	0.040	0.058	0.076	0.083
8361	83.60	0.089	0.117	0.182	0.278	0.375	0.429	0.406	0.294	0.117	-0.079
8371	83.70	-0.238	-0.321	-0.314	-0.235	-0.119	-0.001	0.094	0.155	0.181	0.170
8381	83.80	0.114	0.002	-0.168	-0.379	-0.593	-0.756	-0.821	-0.765	-0.603	-0.387
8391	83.90	-0.180	-0.041	0.007	-0.025	-0.095	-0.157	-0.176	-0.146	-0.086	-0.029
8401	84.00	-0.007	-0.038	-0.121	-0.242	-0.377	-0.501	-0.591	-0.628	-0.600	-0.509
8411	84.10	-0.371	-0.217	-0.087	-0.010	0.004	-0.025	-0.055	-0.042	0.037	0.172
8421	84.20	0.318	0.418	0.427	0.341	0.196	0.056	-0.018	0.004	0.106	0.235
8431	84.30	0.325	0.329	0.235	0.067	-0.131	-0.323	-0.494	-0.647	-0.792	-0.924
8441	84.40	-1.019	-1.034	-0.938	-0.725	-0.434	-0.130	0.114	0.256	0.294	0.272
8451	84.50	0.248	0.263	0.318	0.374	0.371	0.268	0.071	-0.160	-0.324	-0.321
8461	84.60	-0.098	0.327	0.860	1.362	1.692	1.754	1.533	1.096	0.571	0.108
8471	84.70	-0.173	-0.219	-0.061	0.197	0.414	0.466	0.290	-0.085	-0.547	-0.940
8481	84.80	-1.117	-1.005	-0.627	-0.104	0.397	0.721	0.788	0.611	0.288	-0.046
8491	84.90	-0.283	-0.373	-0.344	-0.265	-0.207	-0.204	-0.238	-0.253	-0.195	-0.046

Table 7-9-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1201 S102-GR-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 149.360 (GAL) T= 8.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.157	0.342	0.427	0.368	0.175	-0.086	-0.324	-0.458	-0.451	-0.313
8511	85.10	-0.093	0.150	0.364	0.517	0.595	0.589	0.491	0.294	0.009	-0.328
8521	85.20	-0.653	-0.889	-0.975	-0.887	-0.655	-0.350	-0.055	0.165	0.287	0.333
8531	85.30	0.346	0.360	0.381	0.382	0.323	0.185	-0.008	-0.185	-0.257	-0.153
8541	85.40	0.135	0.542	0.946	1.217	1.268	1.088	0.747	0.361	0.041	-0.150
8551	85.50	-0.220	-0.227	-0.242	-0.304	-0.399	-0.469	-0.445	-0.295	-0.045	0.222
8561	85.60	0.399	0.408	0.237	-0.054	-0.352	-0.548	-0.579	-0.459	-0.264	-0.095
8571	85.70	-0.027	-0.073	-0.182	-0.265	-0.246	-0.099	0.132	0.358	0.482	0.445
8581	85.80	0.255	-0.017	-0.273	-0.427	-0.445	-0.352	-0.210	-0.084	-0.010	0.021
8591	85.90	0.049	0.111	0.210	0.304	0.319	0.187	-0.109	-0.510	-0.889	-1.098
8601	86.00	-1.027	-0.658	-0.089	0.502	0.912	1.000	0.741	0.238	-0.315	-0.713
8611	86.10	-0.819	-0.616	-0.216	0.197	0.440	0.407	0.110	-0.328	-0.729	-0.928
8621	86.20	-0.841	-0.490	0.010	0.502	0.846	0.967	0.872	0.640	0.377	0.177
8631	86.30	0.087	0.097	0.148	0.166	0.089	-0.099	-0.364	-0.627	-0.793	-0.784
8641	86.40	-0.570	-0.191	0.256	0.645	0.864	0.855	0.639	0.305	-0.027	-0.253
8651	86.50	-0.329	-0.282	-0.192	-0.148	-0.196	-0.317	-0.432	-0.439	-0.275	0.054
8661	86.60	0.464	0.822	1.009	0.967	0.726	0.385	0.066	-0.139	-0.212	-0.202
8671	86.70	-0.191	-0.250	-0.390	-0.562	-0.673	-0.643	-0.439	-0.102	0.272	0.567
8681	86.80	0.699	0.642	0.438	0.171	-0.071	-0.231	-0.296	-0.294	-0.268	-0.256
8691	86.90	-0.268	-0.286	-0.281	-0.224	-0.112	0.034	0.170	0.251	0.244	0.151
8701	87.00	0.003	-0.140	-0.218	-0.192	-0.062	0.130	0.313	0.415	0.399	0.275
8711	87.10	0.108	-0.014	-0.013	0.142	0.413	0.709	0.918	0.951	0.779	0.445
8721	87.20	0.042	-0.324	-0.573	-0.680	-0.666	-0.584	-0.482	-0.385	-0.288	-0.171
8731	87.30	-0.022	0.149	0.307	0.408	0.416	0.324	0.154	-0.051	-0.244	-0.394
8741	87.40	-0.490	-0.539	-0.557	-0.558	-0.549	-0.532	-0.507	-0.474	-0.430	-0.370
8751	87.50	-0.285	-0.163	-0.005	0.177	0.353	0.486	0.545	0.521	0.432	0.316
8761	87.60	0.218	0.164	0.155	0.164	0.151	0.086	-0.034	-0.182	-0.309	-0.367
8771	87.70	-0.328	-0.194	-0.004	0.189	0.328	0.374	0.318	0.182	0.011	-0.136
8781	87.80	-0.207	-0.173	-0.043	0.140	0.302	0.368	0.293	0.079	-0.211	-0.480
8791	87.90	-0.625	-0.589	-0.380	-0.083	0.183	0.301	0.214	-0.056	-0.416	-0.739
8801	88.00	-0.919	-0.906	-0.721	-0.437	-0.147	0.074	0.190	0.204	0.141	0.035
8811	88.10	-0.086	-0.197	-0.271	-0.281	-0.204	-0.038	0.187	0.416	0.579	0.630
8821	88.20	0.565	0.427	0.290	0.222	0.245	0.325	0.387	0.351	0.179	-0.099
8831	88.30	-0.393	-0.590	-0.613	-0.452	-0.175	0.100	0.265	0.263	0.120	-0.077
8841	88.40	-0.215	-0.216	-0.061	0.196	0.456	0.621	0.631	0.483	0.224	-0.068
8851	88.50	-0.319	-0.478	-0.526	-0.474	-0.349	-0.184	-0.012	0.142	0.258	0.331
8861	88.60	0.361	0.360	0.339	0.301	0.240	0.136	-0.030	-0.265	-0.550	-0.841
8871	88.70	-1.074	-1.187	-1.140	-0.929	-0.589	-0.179	0.231	0.586	0.850	1.014
8881	88.80	1.081	1.061	0.962	0.786	0.539	0.232	-0.106	-0.435	-0.700	-0.847
8891	88.90	-0.837	-0.654	-0.319	0.111	0.551	0.910	1.114	1.129	0.970	0.700
8901	89.00	0.401	0.149	-0.017	-0.101	-0.142	-0.192	-0.282	-0.411	-0.541	-0.622
8911	89.10	-0.623	-0.544	-0.424	-0.322	-0.281	-0.302	-0.344	-0.332	-0.200	0.074
8921	89.20	0.449	0.826	1.081	1.112	0.875	0.410	-0.174	-0.726	-1.102	-1.202
8931	89.30	-0.999	-0.543	0.054	0.649	1.105	1.328	1.288	1.031	0.659	0.295
8941	89.40	0.050	-0.026	0.052	0.207	0.340	0.372	0.278	0.096	-0.094	-0.215
8951	89.50	-0.230	-0.161	-0.077	-0.054	-0.134	-0.294	-0.459	-0.532	-0.446	-0.201
8961	89.60	0.129	0.430	0.597	0.586	0.425	0.210	0.047	0.013	0.118	0.306
8971	89.70	0.491	0.595	0.587	0.483	0.336	0.193	0.077	-0.022	-0.136	-0.284
8981	89.80	-0.455	-0.609	-0.689	-0.656	-0.514	-0.308	-0.111			

Table 7-10-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1202 S102-P1-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-7.768	-7.869	-7.373	-7.052	-7.509	-8.640	-9.429	-8.284	-3.850	4.079
11	0.10	14.045	23.203	28.400	27.616	21.083	11.410	2.530	-2.159	-1.546	2.461
21	0.20	5.766	4.196	-4.083	-17.134	-29.690	-35.484	-30.449	-15.192	4.665	20.694
31	0.30	25.574	16.843	-1.454	-20.260	-29.660	-23.790	-4.071	21.014	39.697	42.594
41	0.40	27.498	0.846	-25.049	-37.808	-31.053	-7.713	21.163	41.622	43.542	25.578
51	0.50	-4.160	-32.040	-45.534	-39.223	-17.227	9.081	26.854	28.075	13.223	-9.420
61	0.60	-28.296	-34.465	-25.811	-7.508	11.255	22.346	22.751	15.533	7.571	4.269
71	0.70	7.953	15.016	19.206	15.465	3.290	-12.576	-24.608	-26.760	-18.078	-3.545
81	0.80	8.449	10.718	1.437	-14.494	-27.784	-29.624	-16.556	7.317	32.048	46.693
91	0.90	44.840	27.844	4.227	-14.638	-20.239	-11.145	6.415	21.856	25.690	14.324
101	1.00	-8.199	-32.291	-47.594	-47.957	-34.160	-13.158	5.594	14.748	12.523	2.112
111	1.10	-8.691	-13.273	-8.411	4.370	20.022	32.703	38.482	36.735	29.724	20.886
121	1.20	12.900	6.587	1.070	-5.110	-12.702	-21.072	-28.476	-33.031	-33.763	-31.092
131	1.30	-26.509	-21.673	-17.469	-13.585	-8.839	-2.065	6.948	16.991	25.728	30.620
141	1.40	30.068	24.209	14.999	5.512	-1.225	-3.394	-1.040	4.045	9.133	11.729
151	1.50	10.594	6.177	0.299	-4.788	-7.526	-7.830	-7.139	-7.667	-11.181	-17.889
161	1.60	-25.996	-32.227	-33.156	-26.748	-13.428	3.874	20.744	32.931	37.881	35.484
171	1.70	27.759	17.732	8.110	0.405	-5.161	-9.097	-11.894	-13.600	-13.928	-12.739
181	1.80	-10.442	-7.957	-6.164	-5.221	-4.268	-1.879	2.885	9.437	15.397	17.522
191	1.90	13.531	3.880	-7.654	-15.237	-13.762	-1.836	16.672	33.666	40.290	31.330
201	2.00	8.320	-20.427	-43.229	-50.434	-39.215	-15.253	9.746	23.666	19.998	1.209
211	2.10	-22.361	-37.641	-35.484	-15.450	13.783	38.660	47.544	36.604	11.792	-14.113
221	2.20	-27.881	-22.369	0.058	28.892	50.788	56.021	42.816	17.515	-9.239	-28.044
231	2.30	-35.058	-32.962	-28.380	-27.499	-32.426	-40.269	-45.200	-42.110	-29.619	-10.745
241	2.40	8.981	24.666	34.477	39.917	43.910	48.069	51.029	49.059	38.688	19.724
251	2.50	-3.345	-22.769	-31.260	-26.054	-10.925	5.266	12.972	7.090	-10.015	-29.412
261	2.60	-40.173	-35.289	-15.764	9.454	27.850	29.858	14.087	-11.568	-33.663	-39.956
271	2.70	-25.737	3.556	34.803	53.539	50.961	28.104	-4.815	-33.438	-46.063	-38.838
281	2.80	-16.946	8.505	26.070	29.153	18.404	0.507	-15.600	-22.962	-19.276	-7.068
291	2.90	8.204	20.785	26.657	24.316	14.477	-0.596	-17.586	-32.404	-40.661	-38.732
301	3.00	-25.325	-2.828	22.571	42.598	50.076	42.240	22.450	-0.850	-17.780	-21.656
311	3.10	-12.320	3.660	16.230	17.045	3.991	-17.356	-36.251	-42.126	-30.119	-3.904
321	3.20	25.697	45.755	47.455	30.399	2.832	-22.322	-33.665	-26.692	-5.736	18.360
331	3.30	33.597	32.511	15.461	-9.917	-32.640	-43.602	-39.576	-24.194	-5.706	7.192
341	3.40	9.357	1.235	-11.788	-22.154	-23.566	-13.565	5.714	28.643	48.364	59.191
351	3.50	58.294	46.265	26.595	4.407	-15.107	-28.122	-33.142	-31.225	-25.365	-19.200
361	3.60	-15.462	-14.804	-15.564	-14.684	-9.427	0.884	14.049	25.614	30.798	26.841
371	3.70	14.591	-1.567	-15.532	-22.222	-19.879	-10.739	0.307	8.370	11.111	9.789
381	3.80	8.177	9.951	16.016	23.385	26.425	19.975	2.710	-21.164	-43.064	-53.727
391	3.90	-47.729	-26.518	1.754	25.731	36.090	29.948	12.159	-7.241	-18.234	-16.028
401	4.00	-3.572	9.994	14.263	3.362	-20.386	-46.936	-63.065	-58.784	-32.445	8.060
411	4.10	48.688	75.578	81.253	67.637	44.483	24.090	15.029	18.049	26.155	28.718
421	4.20	17.437	-8.922	-43.406	-73.918	-88.863	-82.617	-58.145	-25.611	2.261	15.793
431	4.30	12.312	-3.212	-20.899	-30.580	-26.122	-7.649	19.030	45.184	62.699	66.891
441	4.40	57.675	38.984	16.977	-2.134	-13.954	-17.036	-13.108	-6.405	-2.233	-5.053
451	4.50	-16.647	-35.028	-54.714	-68.514	-70.316	-57.779	-33.652	-4.954	19.846	34.467
461	4.60	37.580	33.287	28.952	31.319	42.788	59.720	73.742	75.536	59.375	26.228
471	4.70	-16.064	-55.696	-81.542	-87.453	-74.329	-49.199	-21.923	-1.135	8.788	8.622
481	4.80	3.005	-2.147	-2.248	4.339	16.057	29.034	38.538	40.459	32.522	15.067
491	4.90	-8.687	-33.097	-51.384	-57.655	-49.107	-27.545	0.659	26.494	41.606	41.663

Table 7-10-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1202 S102-P1-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	28.250	8.262	-9.112	-16.524	-11.813	1.078	14.123	19.209	12.195	-5.004
511	5.10	-25.309	-39.922	-42.587	-32.554	-14.816	2.429	11.770	10.020	-0.536	-13.560
521	5.20	-21.908	-21.001	-10.713	4.999	20.301	30.278	32.907	29.377	22.856	16.536
531	5.30	12.049	8.977	5.516	-0.220	-9.020	-20.053	-31.123	-39.415	-42.337	-38.131
541	5.40	-26.233	-7.451	15.951	40.341	61.170	73.904	75.305	64.626	44.143	18.628
551	5.50	-6.172	-25.493	-37.085	-41.607	-41.692	-40.161	-38.339	-35.356	-28.873	-16.861
561	5.60	0.508	19.962	35.851	42.343	36.115	18.274	-5.552	-27.135	-38.876	-36.940
571	5.70	-22.887	-3.014	14.359	22.511	19.237	7.744	-4.912	-11.186	-6.688	7.563
581	5.80	25.395	38.225	39.131	26.398	4.822	-16.006	-25.859	-18.706	3.987	33.148
591	5.90	55.491	59.116	38.947	-0.441	-46.017	-81.191	-92.410	-74.701	-33.740	16.406
601	6.00	58.909	80.736	77.370	53.838	21.817	-5.676	-19.626	-18.152	-6.367	6.610
611	6.10	11.928	4.645	-14.626	-40.392	-64.637	-79.665	-80.373	-65.364	-36.915	-0.142
621	6.20	38.252	71.387	93.657	102.021	96.828	81.766	62.720	45.726	34.727	30.078
631	6.30	28.585	25.203	15.719	-0.816	-21.141	-38.898	-47.399	-42.783	-26.036	-2.837
641	6.40	18.771	31.859	33.612	26.446	16.727	11.667	15.870	29.068	46.094	59.063
651	6.50	60.778	47.887	22.461	-8.640	-36.290	-52.487	-53.255	-39.980	-18.721	2.175
661	6.60	15.235	16.559	7.076	-8.127	-22.095	-28.974	-26.433	-16.492	-4.415	3.850
671	6.70	4.489	-2.453	-13.300	-22.840	-27.255	-26.329	-23.693	-24.818	-33.699	-49.946
681	6.80	-67.981	-79.036	-75.238	-53.868	-19.640	16.351	40.769	43.511	22.035	-17.426
691	6.90	-62.293	-98.541	-115.838	-110.744	-86.898	-52.619	-17.442	10.707	26.787	28.538
701	7.00	15.973	-8.660	-40.289	-70.639	-89.215	-86.264	-57.014	-5.282	55.816	107.330
711	7.10	131.406	118.986	74.681	16.120	-32.547	-50.486	-29.067	24.310	89.294	141.255
721	7.20	161.555	144.765	99.683	44.085	-3.879	-33.334	-43.850	-43.172	-41.374	-45.029
731	7.30	-54.583	-66.017	-75.284	-82.347	-91.953	-110.325	-139.574	-173.356	-196.946	-192.708
741	7.40	-148.857	-67.221	33.347	126.993	181.809	182.11	131.382	52.899	-19.266	-54.232
751	7.50	-37.259	24.022	102.849	164.633	181.459	143.623	63.492	-29.612	-101.054	-124.062
761	7.60	-89.207	-6.840	97.763	193.955	255.933	269.895	236.177	166.643	79.262	-7.621
771	7.70	-79.367	-126.815	-146.185	-138.231	-107.524	-62.132	-13.209	26.261	44.036	32.196
781	7.80	-9.433	-71.560	-136.683	-183.590	-194.019	-159.301	-84.458	12.138	105.868	164.286
791	7.90	175.965	136.534	59.587	-29.999	-104.679	-143.593	-139.206	-98.835	-40.740	13.501
801	8.00	47.203	54.206	39.967	18.049	3.768	7.708	31.636	68.211	104.260	126.110
811	8.10	124.826	99.471	57.379	11.536	-23.902	-38.438	-28.862	-0.557	33.987	59.127
821	8.20	61.373	34.420	-17.893	-81.973	-138.517	-169.129	-163.301	-123.065	-63.213	-6.516
831	8.30	24.626	17.076	-27.144	-90.544	-145.938	-166.369	-135.493	-54.437	57.576	169.159
841	8.40	247.135	267.604	223.894	128.813	10.759	-94.771	-155.456	-151.191	-79.614	43.036
851	8.50	185.662	309.720	378.680	367.545	270.225	102.686	-99.553	-289.660	-421.843	-464.539
861	8.60	-410.323	-278.942	-111.861	40.465	134.662	148.436	87.571	-16.657	-118.821	-175.413
871	8.70	-159.931	-71.685	64.593	207.902	315.327	356.432	322.775	229.646	109.960	2.883
881	8.80	-58.770	-58.279	0.845	97.054	198.051	270.572	289.692	245.194	143.600	5.789
891	8.90	-138.829	-259.881	-333.442	-347.600	-305.012	-221.966	-124.238	-40.680	4.003	-4.399
901	9.00	-65.693	-164.920	-275.815	-367.381	-412.000	-392.909	-308.955	-175.161	-18.865	127.517
911	9.10	234.986	285.231	274.598	213.833	124.013	30.263	-44.657	-85.067	-84.445	-44.985
921	9.20	24.464	110.959	199.727	275.958	326.446	341.458	316.854	255.859	169.482	74.736
931	9.30	-9.480	-67.877	-93.779	-91.564	-75.158	-62.735	-69.376	-100.551	-149.238	-198.170
941	9.40	-226.621	-219.152	-172.667	-98.668	-19.427	40.584	64.599	50.607	12.400	-26.049
951	9.50	-40.740	-18.121	38.549	109.811	167.533	186.374	154.517	79.211	-15.222	-96.198
961	9.60	-135.052	-117.797	-50.347	43.700	131.690	183.569	182.215	128.850	41.907	-49.858
971	9.70	-117.314	-140.463	-114.483	-50.632	27.913	93.693	123.588	105.821	43.334	-47.324
981	9.80	-141.177	-212.408	-242.029	-223.229	-162.801	-78.286	8.061	76.332	114.622	121.507
991	9.90	104.786	77.382	52.200	37.924	37.068	46.542	60.008	70.797	74.247	68.871

Table 7-10-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	56.321	40.512	26.312	18.060	18.127	25.760	36.625	43.492	38.272	14.946
1011	10.10	-27.574	-83.974	-143.380	-192.537	-220.203	-220.971	-196.841	-155.879	-108.668	-64.336
1021	10.20	-28.030	-0.857	18.145	29.591	32.652	26.102	10.842	-8.008	-21.363	-19.486
1031	10.30	2.885	42.299	86.064	116.590	119.214	89.907	38.748	-13.250	-43.172	-37.163
1041	10.40	2.032	55.037	93.979	95.392	51.931	-22.837	-99.178	-143.651	-133.717	-67.874
1051	10.50	33.272	135.392	204.376	219.571	180.707	106.051	23.359	-41.790	-75.095	-76.689
1061	10.60	-58.014	-34.862	-20.213	-19.840	-31.769	-48.789	-62.138	-64.698	-52.876	-27.286
1071	10.70	7.323	42.725	68.698	75.597	57.765	16.627	-38.164	-90.771	-124.334	-127.471
1081	10.80	-99.279	-50.270	1.638	38.574	50.304	38.373	14.761	-4.325	-6.494	10.893
1091	10.90	39.762	65.677	75.168	62.311	31.333	-5.788	-35.197	-47.318	-40.232	-18.942
1101	11.00	8.493	35.392	58.857	79.019	96.061	107.341	106.902	88.141	48.397	-7.223
1111	11.10	-65.354	-108.170	-120.193	-95.072	-39.113	30.264	90.622	122.554	116.304	74.403
1121	11.20	9.690	-59.923	-117.460	-151.372	-157.369	-137.870	-100.148	-54.260	-11.206	18.906
1131	11.30	28.981	17.202	-11.494	-45.894	-71.654	-76.500	-55.583	-14.426	32.373	66.716
1141	11.40	74.735	53.249	11.748	-31.318	-56.517	-52.069	-19.049	29.366	74.283	100.031
1151	11.50	101.234	84.551	64.257	53.981	58.897	72.511	79.886	65.850	24.114	-37.441
1161	11.60	-98.286	-133.336	-124.094	-67.720	20.294	111.340	174.716	189.766	153.971	83.631
1171	11.70	7.011	-47.012	-60.072	-30.834	25.324	82.868	115.841	107.323	54.721	-29.908
1181	11.80	-124.412	-203.895	-248.320	-248.109	-206.345	-137.172	-61.061	1.662	37.117	62.032
1191	11.90	24.315	-0.342	-14.807	-7.540	22.460	64.946	102.502	117.875	101.520	56.022
1201	12.00	-4.668	-60.951	-95.715	-101.221	-81.589	-49.864	-21.207	-5.587	-3.537	-6.910
1211	12.10	-4.036	13.511	46.035	85.203	118.004	133.041	125.900	100.924	68.699	40.775
1221	12.20	24.428	20.051	22.171	23.104	17.006	2.138	-19.530	-44.587	-70.469	-96.149
1231	12.30	-120.844	-141.876	-153.632	-148.991	-123.054	-77.302	-21.531	28.272	55.898	52.269
1241	12.40	20.546	-23.969	-59.687	-68.041	-41.977	10.488	69.573	112.526	123.850	102.126
1251	12.50	60.232	18.909	-3.137	2.144	26.860	60.574	78.520	70.540	36.517	-12.048
1261	12.60	-57.736	-85.191	-87.519	-68.317	-38.810	-11.933	3.607	6.551	2.440	-0.140
1271	12.70	5.682	21.571	43.171	62.027	69.115	58.420	29.230	-13.456	-60.300	-100.186
1281	12.80	-123.225	-123.487	-100.819	-61.215	-15.427	24.068	47.004	48.908	32.877	8.621
1291	12.90	-11.179	-15.915	-1.475	27.922	61.402	86.006	92.189	77.765	48.536	15.325
1301	13.00	-11.133	-25.008	-27.625	-26.160	-29.495	-43.370	-67.211	-94.170	-114.314	-119.322
1311	13.10	-106.405	-79.530	-47.443	-19.488	-1.285	7.679	13.435	24.248	46.234	79.918
1321	13.20	119.303	153.855	172.548	168.258	140.705	96.791	48.247	7.533	-16.446	-21.246
1331	13.30	-11.394	3.619	13.098	9.267	-9.740	-39.150	-69.389	-89.828	-93.053	-77.963
1341	13.40	-50.419	-21.060	-1.094	2.272	-11.165	-34.495	-56.585	-66.775	-59.340	-35.754
1351	13.50	-3.772	26.210	45.767	51.865	47.496	39.337	33.689	32.854	33.833	30.081
1361	13.60	15.437	-11.821	-46.958	-80.036	-99.982	-99.580	-78.960	-45.803	-12.079	11.183
1371	13.70	18.611	12.482	1.095	-5.587	-0.833	15.786	38.589	58.956	69.780	68.901
1381	13.80	59.847	49.642	44.944	48.549	58.075	67.379	69.874	61.927	44.575	22.742
1391	13.90	2.488	-12.152	-21.015	-27.406	-35.719	-48.464	-64.368	-78.640	-85.291	-80.300
1401	14.00	-63.923	-40.894	-18.350	-2.498	4.260	4.306	3.355	7.322	19.076	36.735
1411	14.10	54.352	64.693	62.733	48.209	25.973	4.008	-9.986	-11.860	-2.696	11.766
1421	14.20	23.630	26.088	16.055	-4.834	-31.091	-55.570	-72.013	-76.982	-70.598	-56.054
1431	14.30	-38.261	-22.189	-11.390	-7.047	-7.699	-9.690	-8.291	0.694	19.224	45.766
1441	14.40	75.102	99.514	111.225	105.325	82.067	47.400	11.250	-16.050	-27.841	-23.981
1451	14.50	-11.058	0.378	0.572	-14.743	-41.872	-70.280	-87.065	-82.951	-57.106	-18.421
1461	14.60	17.638	35.465	26.307	-7.365	-52.269	-89.582	-102.913	-85.506	-43.418	6.878
1471	14.70	45.517	57.839	40.777	4.166	-33.602	-53.637	-44.758	-8.226	42.980	89.892
1481	14.80	115.642	112.315	83.687	42.897	6.380	-13.092	-11.210	7.060	30.627	47.596
1491	14.90	50.257	37.624	14.762	-10.355	-30.729	-43.126	-48.686	-51.420	-55.579	-63.272

Table 7-10-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-73.387	-82.145	-84.834	-77.858	-60.218	-33.900	-3.179	26.788	51.524	68.437
1511	15.10	77.345	80.214	80.219	80.396	82.311	85.204	86.018	80.417	64.585	37.132
1521	15.20	0.349	-39.876	-75.624	-99.537	-107.436	-99.886	-81.967	-61.272	-44.911	-36.749
1531	15.30	-36.054	-38.081	-36.330	-25.471	-3.705	26.371	58.662	85.739	101.352	102.310
1541	15.40	89.174	65.720	37.595	10.737	-9.950	-21.468	-23.112	-16.461	-4.997	6.688
1551	15.50	14.060	14.011	5.995	-7.559	-21.894	-31.595	-32.728	-24.591	-10.275	4.346
1561	15.60	12.875	11.002	-1.663	-21.367	-41.708	-56.234	-60.958	-55.708	-43.738	-29.870
1571	15.70	-18.100	-9.844	-3.632	3.661	14.729	30.000	47.005	61.297	68.464	66.243
1581	15.80	55.635	40.466	25.564	14.483	7.882	3.430	-2.722	-13.601	-29.416	-46.963
1591	15.90	-60.827	-65.888	-59.935	-45.086	-27.206	-13.476	-9.149	-15.011	-26.768	-36.756
1601	16.00	-37.270	-24.069	1.557	33.088	61.364	78.292	80.045	68.345	49.344	30.687
1611	16.10	18.171	13.534	14.289	15.552	12.854	4.512	-7.556	-18.904	-24.886	-23.037
1621	16.20	-14.322	-2.687	6.811	10.289	6.637	-2.335	-13.154	-22.614	-29.339	-34.180
1631	16.30	-39.284	-46.387	-55.286	-63.340	-66.325	-60.285	-43.473	-17.468	13.103	42.124
1641	16.40	64.132	76.118	78.225	73.143	64.590	55.617	47.527	39.815	31.028	20.041
1651	16.50	7.036	-6.272	-17.294	-23.752	-24.809	-21.573	-16.719	-13.352	-13.632	-17.775
1661	16.60	-23.910	-28.895	-29.760	-25.144	-16.059	-5.584	2.437	5.156	2.135	-4.277
1671	16.70	-9.900	-10.653	-4.649	6.557	18.244	24.359	20.217	4.868	-17.983	-41.058
1681	16.80	-56.253	-57.924	-45.251	-22.600	2.347	21.882	31.518	31.688	27.141	24.307
1691	16.90	27.917	38.488	51.896	61.255	60.191	45.946	20.808	-8.801	-35.132	-52.424
1701	17.00	-59.126	-58.000	-54.115	-51.822	-52.271	-52.751	-48.192	-34.075	-9.256	22.748
1711	17.10	54.728	78.608	88.823	84.656	70.460	53.651	41.450	37.837	42.084	49.417
1721	17.20	53.356	48.613	33.201	8.963	-19.513	-46.869	-68.838	-83.200	-89.627	-88.825
1731	17.30	-81.667	-68.885	-51.434	-31.139	-11.028	5.130	14.049	14.404	7.757	-1.655
1741	17.40	-8.415	-8.128	0.581	15.243	30.323	39.384	37.744	24.520	3.184	-19.626
1751	17.50	-36.544	-42.203	-35.163	-18.330	2.237	19.623	28.540	27.100	17.287	4.037
1761	17.60	-6.659	-9.938	-3.759	10.424	28.191	43.675	51.527	48.662	35.217	14.421
1771	17.70	-8.542	-28.235	-40.630	-44.140	-39.729	-30.163	-18.801	-8.448	-0.709	4.039
1781	17.80	6.217	6.515	5.587	4.049	2.648	2.290	3.763	7.193	11.565	14.728
1791	17.90	14.080	7.805	-3.925	-18.432	-31.176	-37.443	-34.434	-22.743	-6.441	8.465
1801	18.00	16.456	15.092	5.940	-6.053	-14.843	-16.025	-8.722	4.254	17.992	27.949
1811	18.10	32.022	31.182	28.424	26.713	27.107	28.148	26.842	20.660	9.386	-4.302
1821	18.20	-15.945	-21.563	-19.836	-12.971	-5.695	-2.827	-6.699	-15.836	-25.643	-30.808
1831	18.30	-28.159	-18.430	-5.936	3.733	6.806	3.545	-1.680	-2.609	5.458	22.773
1841	18.40	44.359	61.880	67.336	56.837	32.585	2.076	-25.124	-41.500	-44.640	-37.815
1851	18.50	-27.902	-21.740	-22.744	-29.392	-36.245	-36.897	-27.357	-8.209	15.431	36.076
1861	18.60	47.050	45.190	31.927	12.372	-6.969	-20.725	-26.310	-24.148	-16.627	-6.556
1871	18.70	4.049	14.310	23.983	32.618	39.012	41.372	38.146	29.061	15.742	1.472
1881	18.80	-9.889	-15.403	-14.270	-8.173	-0.573	4.763	5.337	0.895	-6.632	-14.168
1891	18.90	-19.007	-20.103	-18.529	-16.902	-18.072	-23.684	-33.283	-44.377	-53.403	-57.144
1901	19.00	-53.945	-44.197	-29.949	-13.897	1.697	15.634	27.688	37.959	46.127	51.096
1911	19.10	51.340	45.792	34.828	20.725	7.232	-1.720	-3.637	1.324	10.197	18.277
1921	19.20	21.047	16.143	4.474	-10.063	-22.182	-27.489	-24.414	-14.951	-3.827	3.548
1931	19.30	3.484	-4.310	-16.504	-27.526	-31.938	-26.812	-13.068	4.806	20.542	28.622
1941	19.40	26.484	15.473	0.180	-13.530	-20.902	-20.070	-12.496	-1.960	7.379	12.905
1951	19.50	14.562	14.528	15.750	20.086	27.010	33.551	35.545	29.661	15.238	-4.960
1961	19.60	-25.511	-40.345	-45.176	-39.287	-25.882	-10.833	-0.325	1.610	-5.352	-17.787
1971	19.70	-29.984	-36.263	-33.183	-20.788	-2.442	16.578	31.112	37.953	36.792	30.003
1981	19.80	21.443	14.819	12.271	13.715	17.135	19.644	18.838	13.881	5.884	-2.568
1991	19.90	-8.525	-9.920	-6.433	0.409	7.945	13.545	15.708	14.555	11.501	8.270

Table 7-10-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	5.783	3.512	-0.320	-7.730	-19.652	-34.989	-50.589	-62.253	-66.371	-61.415
2011	20.10	-48.588	-31.293	-13.674	1.050	11.657	18.916	24.580	29.985	35.059	38.295
2021	20.20	37.704	32.179	22.480	11.203	1.676	-3.670	-4.579	-3.143	-2.698	-5.946
2031	20.30	-13.285	-22.263	-28.551	-28.043	-19.065	-3.563	13.408	25.756	29.076	22.725
2041	20.40	10.236	-2.196	-8.495	-5.519	5.420	19.036	28.380	27.957	16.280	-3.298
2051	20.50	-23.849	-37.709	-39.688	-29.275	-10.901	7.863	19.417	19.277	7.926	-9.380
2061	20.60	-24.784	-31.066	-24.626	-6.942	16.061	36.474	47.634	46.731	35.694	20.010
2071	20.70	6.061	-1.781	-2.961	-0.623	0.314	-4.060	-14.406	-27.570	-37.985	-40.397
2081	20.80	-32.535	-16.413	2.462	17.605	24.591	23.100	16.958	12.110	13.512	22.487
2091	20.90	35.839	47.203	49.989	40.524	19.899	-6.315	-30.312	-45.193	-47.557	-38.486
2101	21.00	-22.640	-6.062	6.203	11.673	10.688	5.555	-0.784	-5.861	-8.204	-7.327
2111	21.10	-3.498	2.410	8.920	14.025	15.582	12.084	3.551	-8.003	-18.952	-25.373
2121	21.20	-26.808	-17.640	-7.303	0.968	2.425	-4.898	-18.992	-34.449	-44.637	-44.526
2131	21.30	-32.860	-12.666	10.124	29.256	40.710	44.034	41.912	38.295	36.129	35.835
2141	21.40	35.281	31.168	21.060	4.959	-14.371	-32.477	-45.131	-50.095	-47.912	-41.372
2151	21.50	-33.998	-28.337	-24.896	-22.179	-17.726	-9.573	2.591	17.123	31.029	41.168
2161	21.60	45.444	43.491	36.622	27.164	17.543	9.526	3.871	0.421	-1.519	-2.747
2171	21.70	-3.863	-5.161	-6.682	-8.325	-9.949	-11.424	-12.640	-13.522	-14.056	-14.331
2181	21.80	-14.563	-15.085	-16.264	-18.372	-21.407	-24.936	-28.026	-29.320	-27.327	-20.886
2191	21.90	-9.686	5.345	21.989	37.163	47.752	51.623	48.420	39.795	28.901	19.274
2201	22.00	13.515	12.328	14.322	16.692	16.511	12.049	3.546	-6.922	-16.411	-22.435
2211	22.10	-24.041	-22.113	-18.779	-16.253	-15.683	-16.616	-17.320	-15.811	-11.039	-3.610
2221	22.20	4.341	10.094	11.635	8.651	2.720	-3.412	-7.123	-7.142	-4.094	-0.108
2231	22.30	2.327	1.688	-1.738	-5.900	-7.911	-5.410	2.301	13.860	26.359	36.515
2241	22.40	41.912	41.783	37.010	29.438	20.901	12.462	4.206	-4.397	-13.807	-23.843
2251	22.50	-33.523	-41.395	-46.153	-47.202	-44.875	-40.196	-34.357	-28.185	-21.892	-15.194
2261	22.60	-7.716	0.604	9.338	17.726	25.076	31.153	36.315	41.277	46.622	52.287
2271	22.70	57.320	60.056	58.661	51.805	39.173	21.611	0.873	-20.871	-41.510	-59.279
2281	22.80	-72.780	-80.887	-82.694	-77.661	-65.942	-48.727	-28.353	-8.002	9.015	20.170
2291	22.90	24.485	22.816	17.512	11.550	7.477	6.561	8.486	11.676	14.091	14.138
2301	23.00	11.338	6.493	1.329	-2.216	-2.748	0.068	5.402	11.562	16.568	18.785
2311	23.10	17.390	12.577	5.441	-2.381	-9.181	-13.646	-15.177	-13.984	-10.951	-7.310
2321	23.20	-4.241	-2.525	-2.378	-3.494	-5.289	-7.190	-8.869	-10.227	-11.491	-12.462
2331	23.30	-12.809	-11.813	-8.647	-2.770	5.703	15.849	26.112	34.752	40.402	42.466
2341	23.40	41.189	37.360	31.810	24.972	16.762	6.849	-4.785	-17.308	-28.854	-36.897
2351	23.50	-39.102	-34.354	-23.489	-9.364	3.898	12.241	13.112	6.424	-5.376	-18.186
2361	23.60	-27.761	-31.261	-28.219	-20.561	-11.680	-4.961	-2.392	-3.797	-7.007	-8.847
2371	23.70	-6.499	1.324	13.887	28.759	42.775	53.184	58.501	58.742	55.036	48.875
2381	23.80	41.409	33.099	23.859	13.508	2.243	-9.189	-19.726	-28.517	-35.424	-41.174
2391	23.90	-47.007	-53.937	-61.969	-69.700	-74.581	-73.811	-65.527	-49.768	-28.750	-6.271
2401	24.00	13.546	27.670	35.140	37.216	36.624	36.266	37.944	41.640	45.641	47.405
2411	24.10	44.759	36.906	24.812	10.866	-2.019	-11.431	-16.218	-16.692	-14.271	-10.775
2421	24.20	-7.698	-5.755	-4.829	-4.291	-3.493	-2.198	-0.764	-0.013	-0.848	-3.801
2431	24.30	-8.694	-14.579	-20.008	-23.520	-24.191	-21.991	-17.785	-12.960	-8.787	-5.818
2441	24.40	-3.579	-0.753	4.181	12.109	22.620	33.858	43.031	47.408	45.415	37.352
2451	24.50	25.379	12.753	2.611	-3.198	-4.724	-3.731	-2.808	-4.195	-8.834	-16.066
2461	24.60	-24.035	-30.590	-34.231	-34.652	-32.688	-29.713	-26.855	-24.410	-21.739	-17.691
2471	24.70	-11.324	-2.550	7.608	17.302	24.558	28.099	27.924	25.365	22.595	21.754
2481	24.80	24.047	29.181	35.378	39.998	40.530	35.590	25.516	12.303	-1.110	-11.931
2491	24.90	-18.556	-21.106	-21.233	-21.263	-23.048	-27.047	-32.060	-35.768	-35.825	-31.023

Table 7-10-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-21.940	-10.777	-0.406	6.894	10.409	11.192	11.363	12.873	16.369	20.644
2511	25.10	23.349	22.060	15.760	5.592	-5.422	-13.645	-16.496	-13.701	-7.464	-1.423
2521	25.20	1.147	-0.987	-6.301	-11.186	-11.737	-5.837	5.495	18.187	26.698	26.433
2531	25.30	15.906	-2.362	-22.667	-38.346	-44.453	-39.702	-26.853	-11.378	0.958	6.519
2541	25.40	5.160	-0.028	-4.400	-4.049	2.362	13.031	23.927	30.691	30.623	23.840
2551	25.50	13.110	2.493	-4.543	-6.631	-4.979	-2.617	-2.837	-7.556	-16.390	-26.812
2561	25.60	-35.303	-38.917	-36.535	-29.247	-19.720	-10.892	-4.612	-0.860	2.109	6.771
2571	25.70	14.974	26.819	40.299	51.866	57.714	55.233	44.071	26.363	6.044	-12.476
2581	25.80	-25.768	-32.413	-33.231	-30.662	-27.553	-25.873	-25.863	-25.980	-23.662	-16.592
2591	25.90	-3.958	12.860	30.476	44.557	51.336	48.991	38.359	22.618	6.138	-7.085
2601	26.00	-14.755	-16.846	-15.239	-12.632	-11.264	-12.001	-14.171	-16.134	-16.267	-13.860
2611	26.10	-9.379	-4.364	-0.447	1.399	1.379	0.783	1.380	4.563	10.674	18.765
2621	26.20	26.900	32.819	34.688	31.659	24.066	13.263	1.227	-9.935	-18.426	-23.087
2631	26.30	-23.593	-20.482	-15.019	-8.870	-3.645	-0.401	0.716	0.534	0.546	2.300
2641	26.40	6.688	13.419	20.924	26.765	28.463	24.452	14.798	1.400	-12.461	-23.099
2651	26.50	-27.624	-24.952	-16.246	-4.607	5.914	11.678	10.713	3.392	-7.710	-18.785
2661	26.60	-26.204	-27.852	-23.845	-16.343	-8.534	-3.234	-1.699	-3.191	-5.461	-5.933
2671	26.70	-3.016	3.066	10.330	15.943	17.541	14.340	7.494	-0.438	-6.660	-9.353
2681	26.80	-8.373	-5.128	-1.747	0.002	-0.498	-2.573	-4.788	-5.801	-5.074	-3.101
2691	26.90	-1.050	-0.090	-0.758	-2.714	-4.961	-6.359	-6.140	-4.156	-0.784	3.381
2701	27.00	7.813	12.140	16.039	19.065	20.619	20.148	17.489	13.118	8.101	3.665
2711	27.10	0.591	-1.250	-2.890	-5.699	-10.499	-16.815	-22.729	-25.532	-22.962	-14.469
2721	27.20	-1.854	11.125	20.105	21.896	15.889	4.421	-8.089	-16.905	-18.860	-13.537
2731	27.30	-3.268	8.020	16.546	20.200	19.199	15.649	12.299	11.119	12.392	14.683
2741	27.40	15.672	13.382	7.223	-1.642	-10.738	-17.312	-19.461	-16.883	-10.922	-3.954
2751	27.50	1.607	4.237	3.789	1.383	-1.221	-2.467	-1.686	0.649	3.189	4.376
2761	27.60	3.198	-0.268	-4.787	-8.398	-9.195	-6.141	0.409	8.720	16.234	20.471
2771	27.70	19.946	14.727	6.428	-2.363	-9.003	-11.701	-10.072	-5.156	1.067	6.436
2781	27.80	9.335	9.111	6.081	1.192	-4.459	-10.025	-15.087	-19.570	-23.533	-26.939
2791	27.90	-29.562	-31.032	-30.979	-29.181	-25.631	-20.504	-14.081	-6.677	1.357	9.585
2801	28.00	17.433	24.214	29.248	32.056	32.542	31.044	28.230	24.849	21.445	18.179
2811	28.10	14.832	11.008	6.426	1.162	-4.298	-9.232	-13.010	-15.423	-16.843	-18.107
2821	28.20	-20.158	-23.568	-28.163	-32.911	-36.171	-36.238	-31.985	-23.382	-11.678	0.861
2831	28.30	11.586	18.293	19.955	17.102	11.680	6.410	3.845	5.443	11.013	18.770
2841	28.40	26.001	30.133	29.766	25.266	18.620	12.599	9.542	10.291	13.742	17.268
2851	28.50	17.828	13.324	3.577	-9.517	-22.730	-32.833	-37.885	-37.913	-34.679	-30.656
2861	28.60	-27.753	-26.391	-25.381	-22.647	-16.400	-6.176	6.788	20.014	30.825	37.448
2871	28.70	39.625	38.477	35.741	32.816	30.130	27.125	22.819	16.579	8.657	0.185
2881	28.80	-7.348	-12.813	-15.939	-17.309	-17.867	-18.263	-18.419	-17.614	-15.042	-10.522
2891	28.90	-4.912	0.059	2.529	1.449	-2.772	-8.286	-12.542	-13.411	-10.161	-3.803
2901	29.00	3.339	8.636	10.246	7.798	2.416	-3.849	-8.831	-10.920	-9.347	-4.116
2911	29.10	4.213	14.659	25.789	35.668	42.010	42.705	36.632	24.407	8.619	-6.747
2921	29.20	-17.632	-21.501	-18.497	-11.573	-5.407	-4.481	-11.120	-24.357	-40.156	-52.951
2931	29.30	-57.860	-52.640	-38.570	-19.913	-2.214	9.812	13.960	11.131	4.704	-0.967
2941	29.40	-2.277	2.346	12.028	23.949	34.461	40.391	40.042	33.626	23.041	11.140
2951	29.50	0.760	-6.166	-9.130	-9.053	-7.784	-7.278	-8.783	-12.337	-16.794	-20.368
2961	29.60	-21.459	-19.385	-14.698	-8.920	-3.834	-0.668	0.431	0.391	0.673	2.502
2971	29.70	6.244	11.269	16.226	19.922	21.739	21.977	21.571	21.503	22.220	23.371
2981	29.80	23.993	23.026	19.861	14.614	8.013	0.997	-5.710	-11.798	-17.243	-21.977
2991	29.90	-25.618	-27.477	-26.896	-23.723	-18.631	-13.028	-8.537	-6.280	-6.346	-7.751

Table 7-10-7

TABLE OF CORRECTED ACCELERATION RECORD

NO. 7

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-8.954	-8.666	-6.529	-3.278	-0.281	1.309	1.317	0.771	1.415	4.734
3011	30.10	11.006	18.902	25.932	29.544	28.375	22.991	15.719	9.605	6.976	8.318
3021	30.20	12.022	15.147	14.844	9.766	0.673	-9.725	-18.174	-22.300	-21.705	-18.133
3031	30.30	-14.621	-14.072	-17.878	-25.234	-33.417	-38.897	-38.768	-31.901	-19.345	-3.884
3041	30.40	11.044	22.563	29.253	31.394	30.566	28.815	27.757	28.017	29.090	29.706
3051	30.50	28.436	24.298	17.120	7.557	-3.188	-13.793	-23.188	-30.749	-36.271	-39.806
3061	30.60	-41.482	-41.419	-39.759	-36.764	-32.854	-28.521	-24.122	-19.655	-14.670	-8.439
3071	30.70	-0.357	9.582	20.475	30.587	37.859	40.685	38.641	32.784	25.356	18.942
3081	30.80	15.423	15.184	16.960	18.407	17.185	12.053	3.494	-6.449	-15.054	-20.128
3091	30.90	-20.990	-18.765	-15.838	-14.725	-16.857	-21.850	-27.608	-31.222	-30.279	-23.993
3101	31.00	-13.650	-2.159	7.119	11.751	11.237	7.203	2.701	0.909	3.791	11.268
3111	31.10	21.255	30.528	36.045	36.155	31.198	23.261	15.221	9.513	7.163	7.491
3121	31.20	8.575	8.248	5.163	-0.674	-7.753	-13.945	-17.378	-17.274	-14.233	-9.895
3131	31.30	-6.163	-4.360	-4.714	-6.374	-7.899	-7.966	-5.952	-2.135	2.510	6.794
3141	31.40	9.806	11.191	11.171	10.307	9.219	8.381	8.043	8.260	8.934	9.813
3151	31.50	10.474	10.359	8.924	5.893	1.512	-3.384	-7.575	-9.940	-10.006	-8.310
3161	31.60	-6.322	-5.892	-8.413	-14.062	-21.510	-28.282	-31.690	-29.945	-22.985	-12.608
3171	31.70	-1.847	6.193	9.530	8.043	3.460	-1.396	-3.749	-1.939	4.017	12.531
3181	31.80	21.121	27.342	29.594	27.526	21.957	14.437	6.643	-0.127	-5.238	-8.731
3191	31.90	-11.126	-13.111	-15.235	-17.697	-20.270	-22.390	-23.371	-22.690	-20.230	-16.382
3201	32.00	-11.945	-7.836	-4.718	-2.705	-1.286	0.459	3.433	8.044	13.913	19.892
3211	32.10	24.449	26.241	24.665	20.131	13.939	7.796	3.167	0.729	0.145	0.270
3221	32.20	-0.329	-2.720	-7.104	-12.664	-17.830	-20.866	-20.557	-16.728	-10.387	-3.413
3231	32.30	2.110	4.676	3.949	0.911	-2.513	-4.240	-2.911	1.505	7.662	13.403
3241	32.40	16.735	16.758	14.139	10.845	9.220	10.799	15.411	21.062	24.697	23.581
3251	32.50	16.660	5.258	-7.277	-16.893	-20.554	-17.588	-10.015	-1.683	3.431	2.975
3261	32.60	-2.764	-11.063	-18.061	-20.554	-17.423	-10.050	-1.563	4.703	6.763	4.831
3271	32.70	1.075	-1.538	-0.726	4.015	11.204	18.083	21.876	20.948	15.389	6.800
3281	32.80	-2.495	-10.394	-15.670	-18.104	-18.177	-16.576	-13.839	-10.266	-6.086	-1.663
3291	32.90	2.432	5.559	7.284	7.580	6.844	5.676	4.565	3.653	2.730	1.434
3301	33.00	-0.465	-2.890	-5.504	-7.930	-10.005	-11.871	-13.814	-15.955	-17.977	-19.109
3311	33.10	-18.431	-15.370	-10.114	-3.664	2.547	7.328	10.330	12.220	14.285	17.614
3321	33.20	22.282	26.996	29.465	27.389	19.621	6.931	-8.068	-21.825	-31.241	-34.868
3331	33.30	-33.369	-29.024	-24.506	-21.558	-20.186	-18.774	-15.053	-7.422	4.013	17.214
3341	33.40	28.898	35.836	36.154	30.059	19.707	8.302	-1.130	-6.747	-8.304	-6.868
3351	33.50	-4.086	-1.376	0.566	1.817	2.878	4.196	5.820	7.351	8.171	7.797
3361	33.60	6.153	3.641	0.968	-1.146	-2.250	-2.237	-1.399	-0.144	1.145	2.235
3371	33.70	3.037	3.515	3.581	3.080	1.868	-0.025	-2.259	-4.170	-4.929	-3.855
3381	33.80	-0.762	3.830	8.745	12.491	13.804	12.156	8.021	2.723	-2.090	-5.158
3391	33.90	-6.176	-5.947	-5.989	-7.758	-11.792	-17.223	-21.897	-23.145	-18.892	-8.646
3401	34.00	6.087	22.169	35.861	44.099	45.486	40.622	31.653	21.301	11.808	4.252
3411	34.10	-1.543	-6.523	-11.676	-17.410	-23.320	-28.396	-31.514	-31.934	-29.592	-25.064
3421	34.20	-19.304	-13.289	-7.746	-3.037	0.814	4.014	6.872	9.669	12.527	15.288
3431	34.30	17.432	18.147	16.565	12.145	5.048	-3.697	-12.383	-19.175	-22.796	-23.045
3441	34.40	-20.845	-17.754	-15.125	-13.349	-11.579	-8.172	-1.664	8.159	19.703	29.861
3451	34.50	35.152	33.218	23.978	9.851	-5.120	-16.887	-23.029	-23.618	-20.923	-18.098
3461	34.60	-17.498	-19.473	-22.218	-22.770	-18.640	-9.261	3.481	15.920	24.178	25.884
3471	34.70	21.217	12.788	4.443	-0.458	-0.447	3.571	8.950	12.688	12.873	9.519
3481	34.80	4.420	0.164	-1.193	0.863	5.070	9.002	10.229	7.454	1.120	-6.767
3491	34.90	-13.494	-16.778	-15.695	-11.007	-4.794	0.428	2.717	1.421	-2.659	-7.688

Table 7-10-8

TABLE OF CORRECTED ACCELERATION RECORD

NO. 8

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-11.591	-12.858	-11.050	-6.806	-1.406	3.881	8.346	12.036	15.521	19.371
3511	35.10	23.637	27.611	30.028	29.644	25.898	19.336	11.542	4.561	0.056	-1.410
3521	35.20	-0.630	0.614	0.376	-2.548	-8.050	-14.759	-20.666	-24.031	-24.137	-21.529
3531	35.30	-17.654	-14.102	-11.839	-10.815	-10.119	-8.578	-5.470	-0.976	3.851	7.584
3541	35.40	9.109	8.167	5.475	2.399	0.340	0.157	1.869	4.769	7.832	10.198
3551	35.50	11.502	11.904	11.874	11.851	11.975	11.998	11.392	9.578	6.163	1.103
3561	35.60	-5.237	-12.127	-18.581	-23.526	-26.015	-25.469	-21.886	-15.933	-8.847	-2.139
3571	35.70	2.848	5.352	5.416	3.808	1.674	0.040	-0.594	-0.406	-0.071	-0.360
3581	35.80	-1.688	-3.853	-6.070	-7.296	-6.688	-3.995	0.298	5.117	9.186	11.477
3591	35.90	11.567	9.766	6.989	4.425	3.115	3.586	5.642	8.391	10.513	10.695
3601	36.00	8.097	2.695	-4.648	-12.444	-19.076	-23.377	-25.016	-24.535	-22.989	-21.352
3611	36.10	-19.965	-18.323	-15.323	-9.899	-1.725	8.365	18.512	26.511	30.735	30.893
3621	36.20	28.198	24.834	22.938	23.546	26.027	28.296	27.743	22.462	12.218	-1.306
3631	36.30	-15.100	-25.987	-31.824	-32.223	-28.476	-22.792	-17.235	-12.870	-9.500	-6.057
3641	36.40	-1.401	4.900	12.190	16.916	23.270	23.947	20.680	14.323	6.485	-1.073
3651	36.50	-7.008	-10.708	-12.268	-12.217	-11.165	-9.534	-7.472	-4.928	-1.821	1.789
3661	36.60	5.603	9.082	11.545	12.340	11.050	7.679	2.747	-2.758	-7.621	-10.761
3671	36.70	-11.621	-10.400	-8.018	-5.774	-4.826	-5.692	-8.009	-10.675	-12.319	-11.902
3681	36.80	-9.170	-4.759	0.094	4.086	6.360	6.773	5.810	4.244	2.741	1.624
3691	36.90	0.897	0.453	0.285	0.549	1.408	2.771	4.129	4.646	3.531	0.517
3701	37.00	-3.826	-8.167	-10.923	-10.979	-8.277	-3.944	0.156	2.263	1.553	-1.464
3711	37.10	-5.187	-7.728	-7.849	-5.576	-2.152	0.650	1.497	0.241	-1.958	-3.231
3721	37.20	-2.004	2.099	7.950	13.380	16.210	15.327	11.261	5.961	1.860	0.690
3731	37.30	2.637	6.242	9.120	9.125	5.408	-1.149	-8.315	-13.525	-15.011	-12.555
3741	37.40	-7.497	-2.058	1.690	2.711	1.372	-0.849	-2.109	-1.049	2.651	8.195
3751	37.50	14.067	18.655	20.823	20.215	17.221	12.704	7.640	2.843	-1.173	-4.181
3761	37.60	-6.165	-7.236	-7.578	-7.418	-6.995	-6.522	-6.147	-5.940	-5.911	-6.053
3771	37.70	-6.368	-6.846	-7.402	-7.805	-7.661	-6.505	-3.982	-0.064	4.815	9.802
3781	37.80	13.866	16.152	16.328	14.730	12.249	9.966	8.695	8.638	9.310	9.776
3791	37.90	9.110	6.856	3.267	-0.783	-4.198	-6.165	-6.542	-5.914	-5.290	-5.573
3801	38.00	-7.064	-9.252	-11.014	-11.165	-9.092	-5.181	-0.796	2.216	2.296	-1.109
3811	38.10	-7.228	-14.197	-19.772	-22.207	-20.936	-16.742	-11.351	-6.640	-3.819	-2.954
3821	38.20	-3.021	-2.473	-0.022	4.719	11.013	17.286	21.770	23.202	21.268	16.635
3831	38.30	10.576	4.425	-0.906	-5.136	-8.504	-11.445	-14.252	-16.885	-18.998	-20.146
3841	38.40	-20.031	-18.656	-16.320	-13.469	-10.500	-7.611	-4.776	-1.830	1.384	4.883
3851	38.50	8.481	11.821	14.469	16.043	16.328	15.358	13.439	11.102	8.982	7.634
3861	38.60	7.368	8.007	9.084	9.796	9.377	7.415	4.045	-0.046	-3.851	-6.436
3871	38.70	-7.326	-6.701	-5.326	-4.213	-4.185	-5.519	-7.836	-10.286	-11.928	-12.133
3881	38.80	-10.823	-8.445	-5.721	-3.281	-1.381	0.193	1.990	4.612	8.413	13.306
3891	38.90	18.746	23.868	27.724	29.529	28.850	25.707	20.571	14.266	7.796	2.116
3901	39.00	-2.101	-4.630	-5.721	-5.964	-6.031	-6.378	-7.055	-7.739	-7.853	-7.103
3911	39.10	-5.560	-3.842	-2.884	-3.534	-6.112	-10.161	-14.516	-17.699	-18.472	-16.302
3921	39.20	-11.562	-5.351	0.943	6.156	9.706	11.656	12.501	12.812	12.936	12.871
3931	39.30	12.379	11.211	9.329	6.982	4.611	2.639	1.264	0.367	-0.430	-1.595
3941	39.40	-3.500	-6.295	-9.890	-14.018	-18.301	-22.299	-25.511	-27.384	-27.373	-25.090
3951	39.50	-20.488	-14.003	-6.548	0.678	6.532	10.294	11.883	11.853	11.115	10.536
3961	39.60	10.574	11.120	11.612	11.376	10.002	7.589	4.717	2.174	0.558	-0.038
3971	39.70	-0.089	-0.422	-1.803	-4.563	-8.312	-12.256	-15.381	-16.998	-17.022	-15.972
3981	39.80	-14.664	-13.753	-13.367	-13.013	-11.827	-9.041	-4.435	1.452	7.493	12.427
3991	39.90	15.403	16.339	15.910	15.189	15.113	16.039	17.617	19.016	19.376	18.239

Table 7−10−9

TABLE OF CORRECTED ACCELERATION RECORD

NO. 9

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	15.716	12.342	8.696	5.043	1.212	-3.199	-8.403	-14.047	-19.121	-22.262
4011	40.10	-22.346	-19.073	-13.222	-6.426	-0.517	3.227	4.585	4.370	3.900	4.226
4021	40.20	5.525	6.994	7.310	5.424	1.297	-3.864	-7.989	-9.021	-5.872	1.028
4031	40.30	9.832	18.020	23.417	25.023	23.277	19.662	15.885	13.050	11.213	9.534
4041	40.40	6.864	2.478	-3.461	-9.929	-15.505	-19.050	-20.213	-19.538	-18.130	-17.069
4051	40.50	-16.871	-17.275	-17.425	-16.341	-13.424	-8.742	-2.987	2.865	7.975	11.942
4061	40.60	14.850	17.062	18.921	20.503	21.577	21.747	20.691	18.340	14.912	10.782
4071	40.70	6.287	1.585	-3.336	-8.513	-13.818	-18.844	-22.960	-25.517	-26.120	-24.810
4081	40.80	-22.060	-18.585	-15.042	-11.817	-8.936	-6.204	-3.437	-0.656	1.883	3.848
4091	40.90	5.087	5.819	6.618	8.162	10.850	14.497	18.281	21.011	21.632	19.708
4101	41.00	15.660	10.617	5.929	2.592	0.844	0.149	-0.436	-1.710	-3.898	-6.548
4111	41.10	-8.843	-10.133	-10.393	-10.339	-11.092	-13.573	-17.898	-23.139	-27.582	-29.397
4121	41.20	-27.414	-21.628	-13.205	-3.981	4.294	10.600	14.899	17.898	20.491	23.183
4131	41.30	25.786	27.531	27.494	25.116	20.534	14.591	8.522	3.519	0.345	-0.821
4141	41.40	-0.323	1.184	2.951	4.277	4.585	3.452	0.673	-3.654	-9.080	-14.856
4151	41.50	-20.123	-24.167	-26.629	-27.547	-27.189	-25.764	-23.175	-18.986	-12.655	-3.951
4161	41.60	6.668	17.939	28.055	35.234	38.368	37.434	33.493	28.248	23.367	19.866
4171	41.70	17.819	16.491	14.802	11.873	7.401	1.719	-4.439	-10.308	-15.408	-19.651
4181	41.80	-23.238	-26.430	-29.321	-31.732	-33.245	-33.341	-31.568	-27.687	-21.768	-14.237
4191	41.90	-5.871	2.285	9.101	13.631	15.412	14.672	12.323	9.693	8.060	8.166
4201	42.00	9.928	12.493	14.627	15.279	14.051	11.341	8.100	5.323	3.532	2.521
4211	42.10	1.505	-0.414	-3.709	-8.098	-12.615	-16.033	-17.469	-16.791	-14.692	-12.338
4221	42.20	-10.808	-10.597	-11.437	-12.504	-12.895	-12.104	-10.246	-7.920	-5.808	-4.233
4231	42.30	-2.935	-1.187	1.800	6.403	12.293	18.482	23.680	26.802	27.359	25.566
4241	42.40	22.128	17.846	13.263	8.516	3.470	-1.989	-7.661	-12.944	-16.988	-19.039
4251	42.50	-18.778	-16.494	-13.004	-9.340	-6.378	-4.556	-3.807	-3.700	-3.698	-3.385
4261	42.60	-2.565	-1.227	0.582	2.857	5.649	8.982	12.741	16.602	20.079	22.651
4271	42.70	23.930	23.770	22.259	19.625	16.105	11.865	7.016	1.713	-3.752	-8.918
4281	42.80	-13.256	-16.343	-18.037	-18.547	-18.337	-17.914	-17.584	-17.305	-16.719	-15.340
4291	42.90	-12.815	-9.114	-4.565	0.284	4.889	8.908	12.258	15.028	17.307	19.034
4301	43.00	19.977	19.853	18.517	16.108	13.049	9.891	7.074	4.732	2.654	0.429
4311	43.10	-2.295	-5.576	-9.101	-12.305	-14.627	-15.770	-15.822	-15.180	-14.323	-13.550
4321	43.20	-12.856	-11.982	-10.626	-8.686	-6.381	-4.181	-2.570	-1.773	-1.602	-1.517
4331	43.30	-0.890	0.667	3.077	5.803	8.087	9.318	9.334	8.510	7.579	7.279
4341	43.40	7.976	9.473	11.062	11.816	10.972	8.222	3.815	-1.574	-7.108	-12.072
4351	43.50	-16.033	-18.856	-20.591	-21.325	-21.085	-19.818	-17.457	-14.002	-9.578	-4.440
4361	43.60	1.058	6.512	11.506	15.634	18.546	20.010	19.998	18.749	16.762	14.680
4371	43.70	13.092	12.314	12.246	12.394	12.046	10.567	7.660	3.506	-1.309	-6.017
4381	43.80	-9.966	-12.841	-14.722	-15.960	-16.957	-17.953	-18.920	-19.616	-19.717	-18.981
4391	43.90	-17.324	-14.807	-11.553	-7.671	-3.253	1.566	6.522	11.199	15.132	17.982
4401	44.00	19.730	20.738	21.624	22.962	24.941	27.160	28.688	28.400	25.470	19.785
4411	44.10	12.088	3.749	-3.730	-9.282	-12.625	-14.271	-15.175	-16.229	-17.835	-19.775
4421	44.20	-21.408	-22.074	-21.474	-19.812	-17.663	-15.510	-13.596	-11.591	-8.863	-4.849
4431	44.30	0.542	6.750	12.707	17.268	19.695	19.970	18.780	17.158	15.986	15.582
4441	44.40	15.574	15.114	13.300	9.620	4.193	-2.266	-8.725	-14.208	-18.086	-20.198
4451	44.50	-20.780	-20.285	-19.196	-17.882	-16.542	-15.195	-13.704	-11.827	-9.308	-6.012
4461	44.60	-2.066	2.071	5.670	7.967	8.487	7.328	5.227	3.337	2.764	4.060
4471	44.70	6.906	10.189	12.460	12.602	10.381	6.613	2.830	0.580	0.680	2.792
4481	44.80	5.542	7.144	6.251	2.628	-2.685	-7.816	-10.911	-10.997	-8.464	-4.918
4491	44.90	-2.482	-2.840	-6.456	-12.321	-18.322	-22.084	-21.903	-17.399	-9.626	-0.614

Table 7−10−10

TABLE OF CORRECTED ACCELERATION RECORD

NO.10

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	7.429	12.919	15.391	15.509	14.631	14.138	14.818	16.551	18.397	19.034
4511	45.10	17.353	12.960	6.390	-1.045	-7.705	-12.182	-13.758	-12.590	-9.565	-5.911
4521	45.20	-2.725	-0.625	0.363	0.656	0.813	1.229	1.974	2.834	3.493	3.753
4531	45.30	3.661	3.466	3.454	3.749	4.208	4.476	4.178	3.151	1.576	-0.057
4541	45.40	-1.156	-1.303	-0.468	0.957	2.318	2.971	2.547	1.078	-1.063	-3.358
4551	45.50	-5.378	-6.923	-8.020	-8.807	-9.366	-9.631	-9.415	-8.531	-6.943	-4.840
4561	45.60	-2.594	-0.606	0.868	1.828	2.507	3.235	4.252	5.581	7.022	8.265
4571	45.70	9.061	9.346	9.253	8.986	8.851	8.122	7.047	5.014	1.797	-2.429
4581	45.80	-7.031	-11.071	-13.623	-14.136	-12.665	-9.884	-6.851	-4.617	-3.847	-4.609
4591	45.90	-6.392	-8.353	-9.664	-9.806	-8.710	-6.689	-4.241	-1.819	0.317	2.117
4601	46.00	3.646	4.953	5.982	6.587	6.619	6.045	5.021	3.862	2.941	2.557
4611	46.10	2.835	3.712	4.988	6.416	7.764	8.823	9.372	9.153	7.895	5.415
4621	46.20	1.753	-2.730	-7.360	-11.299	-13.795	-14.432	-13.271	-10.819	-7.822	-4.977
4631	46.30	-2.694	-0.999	0.386	1.824	3.546	5.517	7.455	8.987	9.841	9.978
4641	46.40	9.605	9.062	8.653	8.503	8.515	8.429	7.942	6.829	5.001	2.502
4651	46.50	-0.536	-3.922	-7.407	-10.651	-13.208	-14.574	-14.313	-12.227	-8.498	-3.727
4661	46.60	1.183	5.264	7.771	8.400	7.360	5.258	2.871	0.868	-0.376	-0.838
4671	46.70	-0.752	-0.435	-0.110	0.190	0.606	1.342	2.520	4.071	5.712	7.029
4681	46.80	7.626	7.283	6.057	4.280	2.444	1.016	0.254	0.101	0.207	0.073
4691	46.90	-0.732	-2.375	-4.672	-7.161	-9.292	-10.669	-11.210	-11.156	-10.919	-10.830
4701	47.00	-10.935	-10.926	-10.282	-8.535	-5.558	-1.699	2.301	5.589	7.553	8.074
4711	47.10	7.540	6.634	5.971	5.800	5.896	5.724	4.778	2.913	0.507	-1.670
4721	47.20	-2.803	-2.440	-0.749	1.506	3.268	3.632	2.216	-0.704	-4.349	-7.798
4731	47.30	-10.355	-11.769	-12.211	-12.055	-11.600	-10.884	-9.690	-7.706	-4.756	-0.963
4741	47.40	3.240	7.249	10.492	12.604	13.485	13.263	12.174	10.476	8.399	6.164
4751	47.50	3.990	2.092	0.614	-0.430	-1.171	-1.825	-2.554	-3.346	-3.976	-4.095
4761	47.60	-3.434	-2.000	-0.166	1.425	2.125	1.578	-0.072	-2.211	-4.005	-4.764
4771	47.70	-4.249	-2.765	-0.986	0.388	0.977	0.895	0.653	0.859	1.865	3.554
4781	47.80	5.384	6.658	6.891	6.074	4.691	3.482	3.063	3.606	4.742	5.734
4791	47.90	5.859	4.777	2.730	0.450	-1.183	-1.566	-0.670	0.902	2.189	2.301
4801	48.00	0.830	-1.942	-5.141	-7.668	-8.656	-7.831	-5.617	-2.928	-0.772	0.191
4811	48.10	-0.089	-1.063	-1.856	-1.695	-0.266	2.124	4.679	6.460	6.789	5.534
4821	48.20	3.141	0.414	-1.857	-3.227	-3.748	-3.862	-4.116	-4.830	-5.906	-6.870
4831	48.30	-7.120	-6.265	-4.372	-1.991	0.055	1.028	0.596	-1.021	-3.155	-4.986
4841	48.40	-5.877	-5.600	-4.346	-2.554	-0.640	1.196	3.019	5.028	7.345	9.830
4851	48.50	12.049	13.390	13.295	11.480	8.054	3.487	-1.565	-6.355	-10.411	-13.399
4861	48.60	-15.210	-15.862	-15.440	-14.057	-11.849	-8.992	-5.703	-2.226	1.192	4.321
4871	48.70	6.960	8.932	10.105	10.409	9.877	8.664	7.036	5.303	3.740	2.510
4881	48.80	1.642	1.070	0.713	0.535	0.564	0.831	1.275	1.680	1.693	0.955
4891	48.90	-0.720	-3.180	-5.900	-8.110	-9.056	-8.298	-5.914	-2.513	0.956	3.545
4901	49.00	4.644	4.197	2.705	1.020	0.013	0.248	1.778	4.140	6.531	8.115
4911	49.10	8.326	7.072	4.766	2.167	0.103	-0.840	-0.524	0.700	2.160	3.153
4921	49.20	3.263	2.537	1.465	0.743	0.919	2.098	3.827	5.248	5.444	3.847
4931	49.30	0.506	-3.900	-8.321	-11.736	-13.536	-13.701	-12.706	-11.236	-9.837	-8.683
4941	49.40	-7.563	-6.061	-3.833	-0.831	2.635	6.008	8.697	10.294	10.680	10.027
4951	49.50	8.692	7.097	5.634	4.608	4.202	4.430	5.098	5.786	5.919	4.931
4961	49.60	2.493	-1.305	-5.903	-10.417	-13.933	-15.843	-16.050	-14.950	-13.198	-11.360
4971	49.70	-9.645	-7.840	-5.493	-2.245	1.871	6.320	10.224	12.696	13.214	11.825
4981	49.80	9.101	5.873	2.886	0.554	-1.092	-2.249	-3.107	-3.682	-3.804	-3.274
4991	49.90	-2.070	-0.475	0.971	1.689	1.336	-0.009	-1.849	-3.476	-4.284	-4.024

Table 7-10-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-2.893	-1.417	-0.187	0.401	0.288	-0.281	-0.926	-1.332	-1.379	-1.137
5011	50.10	-0.756	-0.327	0.197	0.979	2.182	3.838	5.772	7.631	8.996	9.529
5021	50.20	9.094	7.785	5.880	3.745	1.727	0.088	-1.035	-1.620	-1.750	-1.582
5031	50.30	-1.302	-1.066	-0.934	-0.834	-0.580	0.041	1.128	2.560	3.952	4.763
5041	50.40	4.500	2.955	0.360	-2.638	-5.183	-6.545	-6.415	-5.045	-3.135	-1.527
5051	50.50	-0.828	-1.142	-2.042	-2.786	-2.699	-1.506	0.520	2.687	4.223	4.659
5061	50.60	4.070	3.042	2.383	2.708	4.095	5.994	7.425	7.397	5.351	1.428
5071	50.70	-3.548	-8.372	-11.899	-13.437	-12.934	-10.895	-8.100	-5.266	-2.801	-0.750
5081	50.80	1.074	2.872	4.667	6.234	7.185	7.149	5.953	3.734	0.910	-1.956
5091	50.90	-4.334	-5.892	-6.576	-6.582	-6.254	-5.942	-5.866	-6.039	-6.268	-6.227
5101	51.00	-5.579	-4.121	-1.878	0.873	3.674	6.038	7.610	8.283	8.207	7.679
5111	51.10	6.976	6.197	5.215	3.763	1.629	-1.145	-4.170	-6.784	-8.301	-8.304
5121	51.20	-6.861	-4.536	-2.184	-0.595	-0.173	-0.779	-1.830	-2.602	-2.585	-1.721
5131	51.30	-0.405	0.739	1.199	0.848	0.012	-0.700	-0.713	0.225	1.898	3.756
5141	51.40	5.174	5.769	5.570	4.974	4.513	4.553	5.104	5.817	6.181	5.813
5151	51.50	4.681	3.138	1.762	1.061	1.211	1.942	2.642	2.620	1.419	-0.972
5161	51.60	-4.104	-7.229	-9.583	-10.650	-10.308	-8.814	-6.662	-4.374	-2.332	-0.695
5171	51.70	0.570	1.603	2.536	3.419	4.206	4.789	5.074	5.041	4.775	4.449
5181	51.80	4.258	4.350	4.747	5.330	5.861	6.067	5.739	4.812	3.394	1.726
5191	51.90	0.086	-1.311	-2.386	-3.200	-3.895	-4.599	-5.357	-6.109	-6.735	-7.132
5201	52.00	-7.286	-7.280	-7.243	-7.259	-7.289	-7.160	-6.624	-5.488	-3.717	-1.489
5211	52.10	0.862	2.968	4.573	5.624	6.261	6.713	7.155	7.604	7.894	7.761
5221	52.20	6.978	5.479	3.413	1.095	-1.109	-2.913	-4.182	-4.941	-5.310	-5.423
5231	52.30	-5.375	-5.217	-4.989	-4.754	-4.600	-4.604	-4.779	-5.040	-5.226	-5.167
5241	52.40	-4.769	-4.063	-3.178	-2.263	-1.379	-0.448	0.717	2.290	4.304	6.568
5251	52.50	8.709	10.317	11.136	11.180	10.723	10.132	9.639	9.174	8.366	6.723
5261	52.60	3.952	0.183	3.956	-7.550	-9.767	-10.247	-9.285	-7.707	-6.480	-6.227
5271	52.70	-6.894	-7.751	-7.743	-6.035	-2.483	2.212	6.761	9.846	10.716	9.521
5281	52.80	7.224	5.121	4.197	4.655	5.834	6.572	5.828	3.248	-0.614	-4.530
5291	52.90	-7.181	-7.796	-6.518	-4.325	-2.532	-2.129	-3.279	-5.240	-6.738	-6.607
5301	53.00	-4.387	-0.579	3.574	6.655	7.734	6.779	4.644	2.633	1.869	2.768
5311	53.10	4.869	7.089	8.261	7.699	5.503	2.483	-0.255	-1.844	-2.053	-1.347
5321	53.20	-0.611	-0.668	-1.837	-3.759	-5.560	-6.288	-5.391	-3.030	-0.047	2.375
5331	53.30	3.225	2.094	-0.651	-4.045	-6.949	-8.535	-8.593	-7.569	-6.182	-5.203
5341	53.40	-4.904	-5.041	-5.005	-4.190	-2.349	0.228	2.818	4.597	5.034	4.151
5351	53.50	2.513	0.955	0.182	0.446	1.445	2.506	2.937	2.382	0.977	-0.738
5361	53.60	-2.120	-2.758	-2.668	-2.250	-2.051	-2.439	-3.400	-4.539	-5.290	-5.214
5371	53.70	-4.219	-2.585	-0.784	0.786	2.013	3.097	4.385	6.104	8.155	10.094
5381	53.80	11.318	11.368	10.179	8.142	5.930	4.175	3.163	2.704	2.254	1.216
5391	53.90	-0.722	-3.404	-6.261	-8.575	-9.834	-9.963	-9.347	-8.613	-8.293	-8.539
5401	54.00	-9.037	-9.150	-8.241	-5.994	-2.609	1.254	4.727	7.081	8.013	7.745
5411	54.10	6.907	6.247	6.310	7.205	8.566	9.711	9.933	8.806	6.388	3.221
5421	54.20	0.140	-2.041	-2.852	-2.348	-1.087	0.104	0.482	-0.304	-2.055	-4.124
5431	54.30	-5.704	-6.188	-5.441	-3.843	-2.098	-0.901	-0.620	-1.155	-2.030	-2.667
5441	54.40	-2.694	-2.124	-1.313	-0.735	-0.695	-1.139	-1.673	-1.777	-1.092	0.374
5451	54.50	2.243	3.951	5.041	5.369	5.142	4.749	4.500	4.421	4.239	3.556
5461	54.60	2.127	0.062	-2.165	-3.920	-4.733	-4.559	-3.824	-3.227	-3.387	-4.524
5471	54.70	-6.329	-8.112	-9.127	-8.920	-7.518	-5.361	-3.043	-0.995	0.703	2.294
5481	54.80	4.114	6.316	8.689	10.691	11.672	11.176	9.165	6.052	2.545	-0.623
5491	54.90	-2.926	-4.157	-4.378	-3.793	-2.619	-1.039	0.760	2.524	3.910	4.553

Table 7-10-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	4.200	2.830	0.692	-1.772	-4.090	-5.918	-7.112	-7.683	-7.676	-7.063
5511	55.10	-5.735	-3.607	-0.779	2.346	5.105	6.779	6.885	5.432	2.980	0.467
5521	55.20	-1.141	-1.232	0.218	2.660	5.224	7.093	7.813	7.421	6.328	5.061
5531	55.30	3.978	3.111	2.206	0.910	-0.982	-3.357	-5.782	-7.644	-8.396	-7.772
5541	55.40	-5.890	-3.215	-0.392	1.958	3.418	3.860	3.427	2.432	1.230	0.100
5551	55.50	-0.810	-1.484	-1.982	-2.368	-2.649	-2.760	-2.592	-2.064	-1.198	-0.150
5561	55.60	0.808	1.382	1.368	0.753	-0.257	-1.292	-1.953	-1.955	-1.240	0.003
5571	55.70	1.406	2.551	3.102	2.888	1.929	0.395	-1.455	-3.321	-4.896	-5.887
5581	55.80	-6.049	-5.241	-3.486	-1.020	1.728	4.226	5.979	6.672	6.251	4.912
5591	55.90	2.994	0.841	-1.304	-3.330	-5.199	-6.840	-8.076	-8.622	-8.184	-6.601
5601	56.00	-3.964	-0.648	2.780	5.729	7.765	8.720	8.672	7.841	6.435	4.551
5611	56.10	2.185	-0.671	-3.881	-7.078	-9.685	-11.079	-10.822	-8.865	-5.627	-1.886
5621	56.20	1.466	3.736	4.654	4.441	3.666	2.980	2.823	3.245	3.916	4.306
5631	56.30	3.971	2.785	1.032	-0.698	-1.774	-1.804	-0.827	0.691	2.048	2.622
5641	56.40	2.141	0.818	-0.741	-1.792	-1.772	-0.543	1.555	3.854	5.628	6.375
5651	56.50	5.986	4.722	3.051	1.418	0.067	-0.999	-1.933	-2.878	-3.826	-4.587
5661	56.60	-4.868	-4.443	-3.303	-1.710	-0.127	0.954	1.210	0.610	-0.584	-1.927
5671	56.70	-2.974	-3.430	-3.220	-2.460	-1.355	-0.092	1.221	2.541	3.828	4.985
5681	56.80	5.834	6.168	5.839	4.845	3.356	1.666	0.082	-1.199	-2.162	-2.951
5691	56.90	-3.767	-4.720	-5.721	-6.464	-6.532	-5.577	-3.509	-0.605	2.521	5.096
5701	57.00	6.438	6.206	4.521	1.934	-0.771	-2.848	-3.833	-3.673	-2.674	-1.334
5711	57.10	-0.112	0.740	1.226	1.506	1.733	1.893	1.760	0.982	-0.714	-3.316
5721	57.20	-6.413	-9.253	-10.962	-10.856	-8.711	-4.888	-0.236	4.167	7.366	8.809
5731	57.30	8.479	6.822	4.522	2.231	0.360	-0.987	-1.938	-2.680	-3.294	-3.677
5741	57.40	-3.581	-2.758	-1.128	1.106	3.459	5.304	6.075	5.476	3.607	0.940
5751	57.50	-1.634	-4.044	-5.260	-5.423	-4.823	-3.940	-3.216	-2.852	-2.721	-2.429
5761	57.60	-1.517	0.307	2.980	6.061	8.863	10.707	11.187	10.326	8.545	6.674
5771	57.70	4.664	3.350	2.366	1.263	-0.436	-2.947	-6.056	-9.151	-11.447	-12.310
5781	57.80	-11.530	-9.407	-6.624	-3.939	-1.868	-0.486	0.551	1.769	3.550	5.871
5791	57.90	8.238	9.867	10.018	8.350	5.114	1.102	-2.636	-5.186	-6.094	-5.498
5801	58.00	-4.001	-2.363	-1.154	-0.524	-0.194	0.352	1.558	3.531	5.943	8.136
5811	58.10	9.391	9.233	7.627	5.000	2.069	-0.444	-2.072	-2.754	-2.801	-2.720
5821	58.20	-2.977	-3.798	-5.094	-6.514	-7.608	-8.007	-7.552	-6.335	-4.639	-2.820
5831	58.30	-1.190	0.068	0.925	1.475	1.876	2.288	2.816	3.484	4.228	4.914
5841	58.40	5.371	5.440	5.023	4.119	2.826	1.307	-0.262	-1.759	-3.132	-4.384
5851	58.50	-5.498	-6.375	-6.794	-6.468	-5.159	-2.842	0.189	3.323	5.775	6.845
5861	58.60	6.177	3.929	0.747	-2.442	-4.757	-5.673	-5.178	-3.723	-1.980	-0.528
5871	58.70	0.387	0.914	1.454	2.390	3.825	5.461	6.680	6.810	5.434	2.623
5881	58.80	-1.034	-4.604	-7.127	-7.943	-6.898	-4.361	-1.061	2.170	4.660	6.048
5891	58.90	6.308	5.665	4.449	2.968	1.431	-0.052	-1.429	-2.648	-3.618	-4.201
5901	59.00	-4.247	-3.661	-2.461	-0.820	0.942	2.428	3.276	3.291	2.537	1.344
5911	59.10	0.213	-0.367	-0.117	0.895	2.259	3.370	3.682	2.943	1.327	-0.623
5921	59.20	-2.228	-2.963	-2.703	-1.773	-0.806	-0.436	-0.990	-2.314	-3.818	-4.737
5931	59.30	-4.470	-2.862	-0.284	2.524	4.759	5.891	5.842	4.965	3.815	2.859
5941	59.40	2.260	1.839	1.236	0.171	-1.345	-2.953	-4.103	-4.331	-3.534	-2.079
5951	59.50	-0.693	-0.157	-0.952	-3.020	-5.750	-8.217	-9.547	-9.258	-7.412	-4.531
5961	59.60	-1.325	1.623	4.053	6.028	7.755	9.330	10.585	11.106	10.461	8.375
5971	59.70	5.129	1.356	-2.075	-4.426	-5.381	-5.157	-4.365	-3.703	-3.622	-4.142
5981	59.80	-4.906	-5.422	-5.366	-4.778	-4.047	-3.695	-4.072	-5.149	-6.494	-7.472
5991	59.90	-7.543	-6.509	-4.585	-2.250	0.013	1.953	3.632	5.304	7.176	9.202

Table 7-10-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	11.025	12.128	12.097	10.871	8.812	6.551	4.695	3.523	2.860	2.189
6011	60.10	0.951	-1.124	-3.832	-6.552	-8.527	-9.218	-8.544	-6.904	-4.962	-3.315
6021	60.20	-2.237	-1.606	-1.052	-0.233	0.935	2.209	3.159	3.417	2.904	1.894
6031	60.30	0.884	0.336	0.465	1.053	1.765	2.190	2.181	1.919	1.803	2.190
6041	60.40	3.147	4.349	5.201	5.126	3.883	1.729	-0.658	-2.479	-3.192	-2.778
6051	60.50	-1.753	-0.926	-0.993	-2.198	-4.196	-6.223	-7.461	-7.442	-6.279	-4.604
6061	60.60	-3.246	-2.801	-3.300	-4.153	-4.406	-3.192	-0.181	4.204	8.894	12.590
6071	60.70	14.281	13.659	11.215	8.000	5.136	3.326	2.568	2.219	1.361	-0.685
6081	60.80	-3.972	-7.822	-11.080	-12.602	-11.757	-8.716	-4.391	-0.058	3.154	4.682
6091	60.90	4.668	3.776	2.794	2.225	2.067	1.885	1.113	-0.574	-3.006	-5.531
6101	61.00	-7.277	-7.556	-6.093	-3.332	-0.082	2.720	4.387	4.706	3.936	2.619
6111	61.10	1.301	0.316	-0.283	-0.647	-0.963	-1.307	-1.593	-1.626	-1.222	-0.312
6121	61.20	1.011	2.532	3.990	5.148	5.824	5.886	5.240	3.851	1.805	-0.634
6131	61.30	-3.008	-4.756	-5.388	-4.691	-2.869	-0.532	1.491	2.454	1.981	0.233
6141	61.40	-2.150	-4.294	-5.428	-5.170	-3.648	-1.400	0.875	2.597	3.509	3.700
6151	61.50	3.487	3.210	3.060	3.017	2.902	2.519	1.786	0.798	-0.212	-0.983
6161	61.60	-1.345	-1.285	-0.943	-0.539	-0.266	-0.231	-0.426	-0.767	-1.144	-1.472
6171	61.70	-1.707	-1.831	-1.838	-1.707	-1.410	-0.916	-0.208	0.707	1.799	3.004
6181	61.80	4.206	5.224	5.814	5.707	4.692	2.718	-0.026	-3.101	-5.912	-7.863
6191	61.90	-8.549	-7.879	-6.083	-3.605	-0.918	1.639	3.929	5.962	7.748	9.165
6201	62.00	9.909	9.585	7.906	4.886	0.937	-3.211	-6.745	-9.059	-9.967	-9.728
6211	62.10	-8.885	-7.984	-7.321	-6.830	-6.173	-4.971	-3.054	-0.590	1.961	4.057
6221	62.20	5.322	5.713	5.509	5.146	4.974	5.073	5.228	5.049	4.199	2.580
6231	62.30	0.398	-1.924	-3.923	-5.281	-5.912	-5.925	-5.510	-4.812	-3.874	-2.671
6241	62.40	-1.197	0.457	2.095	3.485	4.454	4.957	5.060	4.858	4.371	3.508
6251	62.50	2.122	0.140	-2.304	-4.833	-6.926	-8.125	-8.256	-7.524	-6.440	-5.570
6261	62.60	-5.248	-5.384	-5.482	-4.872	-3.056	0.011	3.834	7.550	10.268	11.430
6271	62.70	11.011	9.477	7.531	5.783	4.497	3.553	2.602	1.333	-0.302	-2.019
6281	62.80	-3.325	-3.753	-3.097	-1.520	0.513	2.429	3.766	4.324	4.175	3.558
6291	62.90	2.721	1.799	0.793	-0.379	-1.772	-3.333	-4.877	-6.140	-6.859	-6.856
6301	63.00	-6.085	-4.632	-2.689	-0.516	1.602	3.387	4.617	5.172	5.065	4.444
6311	63.10	3.544	2.601	1.761	1.031	0.301	-0.570	-1.637	-2.786	-3.739	-4.146
6321	63.20	-3.744	-2.493	-0.630	1.395	3.074	4.023	4.110	3.468	2.405	1.244
6331	63.30	0.193	-0.722	-1.611	-2.616	-3.792	-5.044	-6.141	-6.805	-6.819	-6.108
6341	63.40	-4.764	-3.002	-1.086	0.743	2.320	3.554	4.417	4.913	5.067	4.913
6351	63.50	4.500	3.887	3.136	2.299	1.413	0.502	-0.407	-1.279	-2.059	-2.684
6361	63.60	-3.103	-3.289	-3.245	-3.000	-2.591	-2.054	-1.426	-0.748	-0.076	0.524
6371	63.70	0.990	1.285	1.413	1.403	1.289	1.072	0.706	0.121	-0.719	-1.758
6381	63.80	-2.802	-3.553	-3.693	-3.022	-1.560	0.406	2.401	3.911	4.573	4.314
6391	63.90	3.375	2.214	1.324	1.033	1.386	2.146	2.905	3.264	2.992	2.102
6401	64.00	0.821	-0.527	-1.658	-2.431	-2.874	-3.125	-3.336	-3.575	-3.785	-3.805
6411	64.10	-3.444	-2.575	-1.210	0.474	2.166	3.499	4.145	3.911	2.790	0.979
6421	64.20	-1.166	-3.219	-4.784	-5.594	-5.564	-4.791	-3.492	-1.913	-0.241	1.434
6431	64.30	3.103	4.770	6.370	7.727	8.576	8.661	7.852	6.243	4.159	2.062
6441	64.40	0.391	-0.606	-0.964	-0.975	-1.047	-1.513	-2.479	-3.774	-5.039	-5.894
6451	64.50	-6.113	-5.710	-4.905	-3.977	-3.104	-2.260	-1.248	0.156	2.017	4.120
6461	64.60	5.987	7.054	6.922	5.564	3.383	1.078	-0.638	-1.330	-1.017	-0.139
6471	64.70	0.672	0.902	0.406	-0.537	-1.369	-1.548	-0.834	0.573	2.107	3.094
6481	64.80	3.063	1.961	0.170	-1.670	-2.957	-3.382	-3.037	-2.330	-1.765	-1.698
6491	64.90	-2.190	-3.022	-3.835	-4.330	-4.395	-4.118	-3.687	-3.235	-2.734	-1.998

Table 7-10-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-0.786	1.032	3.357	5.840	7.980	9.294	9.491	8.561	6.754	4.472
6511	65.10	2.121	-0.003	-1.764	-3.153	-4.228	-5.042	-5.610	-5.912	-5.921	-5.631
6521	65.20	-5.078	-4.330	-3.481	-2.632	-1.880	-1.301	-0.932	-0.746	-0.642	-0.455
6531	65.30	-0.005	0.834	2.061	3.524	4.944	6.006	6.474	6.282	5.561	4.582
6541	65.40	3.647	2.961	2.559	2.305	1.979	1.390	0.473	-0.679	-1.861	-2.857
6551	65.50	-3.544	-3.940	-4.189	-4.474	-4.911	-5.472	-5.980	-6.176	-5.824	-4.823
6561	65.60	-3.262	-1.399	0.429	1.917	2.894	3.358	3.447	3.355	3.239	3.152
6571	65.70	3.047	2.828	2.428	1.875	1.303	0.894	0.791	1.011	1.404	1.699
6581	65.80	1.612	0.970	-0.193	-1.632	-2.970	-3.848	-4.061	-3.635	-2.802	-1.896
6591	65.90	-1.202	-0.847	-0.769	-0.781	-0.684	-0.384	0.060	0.473	0.663	0.534
6601	66.00	0.159	-0.276	-0.478	-0.257	0.426	1.425	2.462	3.243	3.562	3.376
6611	66.10	2.801	2.045	1.321	0.768	0.412	0.177	-0.062	-0.425	-0.971	-1.686
6621	66.20	-2.481	-3.228	-3.799	-4.103	-4.113	-3.872	-3.466	-2.990	-2.492	-1.944
6631	66.30	-1.243	-0.259	1.091	2.760	4.543	6.103	7.081	7.228	6.526	5.215
6641	66.40	3.720	2.494	1.834	1.748	1.954	2.000	1.464	0.158	-1.779	-3.915
6651	66.50	-5.707	-6.719	-6.810	-6.173	-5.244	-4.483	-4.167	-4.257	-4.421	-4.194
6661	66.60	-3.203	-1.350	1.122	3.719	5.888	7.227	7.621	7.246	6.443	5.542
6671	66.70	4.712	3.911	2.955	1.659	-0.015	-1.896	-3.643	-4.880	-5.354	-5.039
6681	66.80	-4.148	-3.031	-2.035	-1.364	-1.030	-0.880	-0.708	-0.362	0.177	0.803
6691	66.90	1.342	1.643	1.637	1.361	0.921	0.446	0.041	-0.227	-0.317	-0.198
6701	67.00	0.153	0.734	1.495	2.323	3.067	3.587	3.806	3.745	3.502	3.191
6711	67.10	2.861	2.459	1.839	0.842	-0.599	-2.390	-4.266	-5.875	-6.908	-7.217
6721	67.20	-6.862	-6.072	-5.121	-4.205	-3.358	-2.469	-1.378	0.004	1.601	3.175
6731	67.30	4.411	5.055	5.032	4.477	3.687	2.992	2.624	2.639	2.930	3.298
6741	67.40	3.568	3.664	3.619	3.531	3.472	3.422	3.257	2.790	1.860	0.416
6751	67.50	-1.443	-3.477	-5.374	-6.836	-7.659	-7.776	-7.259	-6.285	-5.079	-3.863
6761	67.60	-2.805	-1.995	-1.438	-1.061	-0.750	-0.386	0.121	0.799	1.609	2.463
6771	67.70	3.248	3.859	4.219	4.286	4.045	3.503	2.686	1.646	0.475	-0.693
6781	67.80	-1.701	-2.400	-2.695	-2.583	-2.158	-1.584	-1.046	-0.690	-0.585	-0.713
6791	67.90	-1.001	-1.365	-1.742	-2.109	-2.460	-2.774	-2.989	-2.997	-2.678	-1.954
6801	68.00	-0.838	0.547	1.988	3.249	4.143	4.588	4.618	4.345	3.899	3.363
6811	68.10	2.748	2.010	1.102	0.035	-1.093	-2.113	-2.839	-3.153	-3.051	-2.653
6821	68.20	-2.155	-1.744	-1.525	-1.480	-1.489	-1.400	-1.106	-0.604	0.009	0.579
6831	68.30	0.977	1.158	1.184	1.186	1.295	1.566	1.940	2.260	2.338	2.034
6841	68.40	1.329	0.343	-0.696	-1.523	-1.923	-1.790	-1.155	-0.172	0.934	1.929
6851	68.50	2.624	2.912	2.782	2.307	1.611	0.833	0.080	-0.590	-1.176	-1.713
6861	68.60	-2.238	-2.752	-3.207	-3.504	-3.529	-3.197	-2.486	-1.448	-0.199	1.119
6871	68.70	2.373	3.458	4.300	4.836	5.000	4.728	3.981	2.784	1.255	-0.389
6881	68.80	-1.877	-2.952	-3.651	-3.363	-2.834	-2.120	-1.495	-1.160	-1.169	-1.413
6891	68.90	-1.666	-1.668	-1.232	-0.320	0.931	2.241	3.280	3.780	3.632	2.934
6901	69.00	1.962	1.083	0.621	0.741	1.389	2.306	3.118	3.474	3.161	2.170
6911	69.10	0.680	-1.022	-2.647	-3.997	-4.997	-5.670	-6.080	-6.265	-6.208	-5.847
6921	69.20	-5.121	-4.011	-2.577	-0.949	0.700	2.186	3.345	4.047	4.205	3.786
6931	69.30	2.835	1.488	-0.025	-1.414	-2.404	-2.811	-2.603	-1.907	-0.953	0.016
6941	69.40	0.829	1.436	1.882	2.235	2.516	2.657	2.532	2.034	1.160	0.050
6951	69.50	-1.054	-1.903	-2.368	-2.496	-2.502	-2.652	-3.124	-3.894	-4.719	-5.218
6961	69.60	-5.034	-3.986	-2.154	0.144	2.664	4.387	5.645	6.168	6.059	5.513
6971	69.70	4.741	3.914	3.151	2.530	2.097	1.863	1.783	1.756	1.639	1.299
6981	69.80	0.670	-0.208	-1.196	-2.107	-2.774	-3.115	-3.139	-2.917	-2.520	-1.979
6991	69.90	-1.281	-0.415	0.570	1.529	2.244	2.503	2.193	1.373	0.260	-0.844

Table 7-10-15

TABLE OF CORRECTED ACCELERATION RECORD

NO.15

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-1.675	-2.100	-2.145	-1.938	-1.608	-1.192	-0.618	0.237	1.432	2.865
7011	70.10	4.261	5.256	5.551	5.062	3.979	2.695	1.646	1.103	1.057	1.221
7021	70.20	1.172	0.562	-0.706	-2.419	-4.137	-5.380	-5.828	-5.440	-4.448	-3.229
7031	70.30	-2.137	-1.367	-0.908	-0.614	-0.317	0.063	0.473	0.768	0.797	0.501
7041	70.40	-0.048	-0.671	-1.157	-1.365	-1.173	-0.681	0.036	0.882	1.789	2.721
7051	70.50	3.644	4.492	5.155	5.494	5.381	4.740	3.571	1.957	0.043	-1.980
7061	70.60	-3.904	-5.516	-6.625	-7.092	-6.874	-6.049	-4.817	-3.458	-2.248	-1.369
7071	70.70	-0.852	-0.574	-0.329	0.067	0.678	1.405	2.026	2.297	2.075	1.400
7081	70.80	0.493	-0.322	-0.754	-0.654	-0.081	0.738	1.509	1.993	2.104	1.925
7091	70.90	1.658	1.522	1.652	2.036	2.525	2.887	2.899	2.424	1.456	0.119
7101	71.00	-1.379	-2.808	-3.974	-4.761	-5.142	-5.163	-4.913	-4.484	-3.945	-3.332
7111	71.10	-2.651	-1.905	-1.112	-0.315	0.422	1.042	1.521	1.889	2.218	2.599
7121	71.20	3.091	3.683	4.288	4.760	4.952	4.762	4.178	3.271	2.162	0.974
7131	71.30	-0.211	-1.358	-2.461	-3.491	-4.370	-4.961	-5.109	-4.706	-3.754	-2.395
7141	71.40	-0.891	0.451	1.373	1.751	1.634	1.223	0.794	0.604	0.801	1.383
7151	71.50	2.205	3.042	3.667	3.928	3.787	3.317	2.658	1.958	1.315	0.752
7161	71.60	0.224	-0.351	-1.038	-1.850	-2.733	-3.577	-4.250	-4.638	-4.670	-4.328
7171	71.70	-3.643	-2.673	-1.493	-0.188	1.148	2.409	3.485	4.275	4.706	4.748
7181	71.80	4.415	3.757	2.838	1.730	0.504	-0.756	-1.950	-2.963	-3.681	-4.023
7191	71.90	-3.971	-3.579	-2.954	-2.215	-1.450	-0.691	0.074	0.858	1.626	2.275
7201	72.00	2.643	2.582	2.033	1.079	-0.055	-1.065	-1.683	-1.773	-1.379	-0.706
7211	72.10	-0.021	0.450	0.614	0.523	0.326	0.186	0.198	0.352	0.562	0.721
7221	72.20	0.769	0.717	0.638	0.615	0.683	0.811	0.909	0.875	0.638	0.189
7231	72.30	-0.427	-1.135	-1.862	-2.545	-3.128	-3.536	-3.674	-3.442	-2.781	-1.722
7241	72.40	-0.409	0.930	2.044	2.751	3.007	2.916	2.688	2.546	2.635	2.967
7251	72.50	3.426	3.824	3.987	3.818	3.321	2.578	1.696	0.758	-0.204	-1.197
7261	72.60	-2.231	-3.283	-4.276	-5.085	-5.572	-5.629	-5.209	-4.346	-3.157	-1.818
7271	72.70	-0.545	0.452	1.003	1.019	0.527	-0.329	-1.305	-2.114	-2.496	-2.287
7281	72.80	-1.461	-0.124	1.522	3.240	4.812	6.069	6.889	7.180	6.866	5.899
7291	72.90	4.291	2.154	-0.277	-2.667	-4.645	-5.904	-6.289	-5.842	-4.789	-3.456
7301	73.00	-2.167	-1.147	-0.473	-0.087	0.144	0.352	0.604	0.891	1.142	1.285
7311	73.10	1.284	1.167	1.007	0.888	0.856	0.891	0.911	0.806	0.486	-0.074
7321	73.20	-0.805	-1.562	-2.156	-2.415	-2.227	-1.575	-0.542	0.715	2.006	3.139
7331	73.30	3.958	4.354	4.265	3.679	2.628	1.197	-0.474	-2.199	-3.766	-4.981
7341	73.40	-5.712	-5.924	-5.682	-5.126	-4.415	-3.668	-2.928	-2.165	-1.313	-0.329
7351	73.50	0.772	1.900	2.930	3.752	4.322	4.671	4.876	5.002	5.044	4.921
7361	73.60	4.510	3.722	2.577	1.229	-0.071	-1.073	-1.631	-1.765	-1.656	-1.548
7371	73.70	-1.632	-1.945	-2.353	-2.624	-2.552	-2.082	-1.355	-0.667	-0.332	-0.541
7381	73.80	-1.261	-2.235	-3.084	-3.454	-3.154	-2.212	-0.843	0.657	2.026	3.120
7391	73.90	3.917	4.473	4.844	5.033	4.982	4.609	3.861	2.758	1.402	-0.047
7401	74.00	-1.411	-2.528	-3.281	-3.598	-3.459	-2.901	-2.026	-0.997	-0.014	0.743
7411	74.10	1.167	1.266	1.158	1.012	0.961	1.034	1.126	1.044	0.597	-0.296
7421	74.20	-1.556	-2.957	-4.210	-5.073	-5.428	-5.304	-4.816	-4.084	-3.157	-2.006
7431	74.30	-0.578	1.122	2.962	4.678	5.950	6.517	6.279	5.342	3.966	2.459
7441	74.40	1.058	-0.147	-1.203	-2.212	-3.226	-4.178	-4.877	-5.086	-4.630	-3.495
7451	74.50	-1.855	-0.028	1.626	2.826	3.439	3.499	3.157	2.603	1.995	1.417
7461	74.60	0.892	0.406	-0.045	-0.435	-0.712	-0.816	-0.716	-0.427	-0.012	0.429
7471	74.70	0.793	1.004	1.038	0.928	0.761	0.649	0.694	0.960	1.445	2.082
7481	74.80	2.750	3.304	3.607	3.550	3.067	2.137	0.786	-0.905	-2.789	-4.641
7491	74.90	-6.175	-7.085	-7.116	-6.151	-4.274	-1.790	0.831	3.057	4.432	4.701

Table 7-10-16

TABLE OF CORRECTED ACCELERATION RECORD

NO.16

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	3.873	2.215	0.168	-1.772	-3.181	-3.801	-3.576	-2.633	-1.228	0.337
7511	75.10	1.782	2.905	3.602	3.863	3.741	3.317	2.666	1.842	0.892	-0.123
7521	75.20	-1.105	-1.912	-2.386	-2.412	-1.978	-1.211	-0.370	0.233	0.338	-0.155
7531	75.30	-1.134	-2.294	-3.243	-3.632	-3.280	-2.230	-0.723	0.895	2.299	3.274
7541	75.40	3.753	3.789	3.495	2.976	2.301	1.502	0.606	-0.344	-1.275	-2.102
7551	75.50	-2.753	-3.185	-3.384	-3.348	-3.079	-2.577	-1.867	-1.025	-0.188	0.474
7561	75.60	0.813	0.767	0.399	-0.113	-0.553	-0.756	-0.687	-0.445	-0.210	-0.135
7571	75.70	-0.257	-0.469	-0.577	-0.418	0.031	0.605	1.008	0.960	0.348	-0.681
7581	75.80	-1.752	-2.410	-2.329	-1.468	-0.103	1.283	2.223	2.474	2.128	1.556
7591	75.90	1.219	1.430	2.179	3.128	3.757	3.614	2.547	0.799	-1.075	-2.433
7601	76.00	-2.818	-2.148	-0.745	0.812	1.941	2.297	1.906	1.116	0.427	0.246
7611	76.10	0.705	1.600	2.489	2.882	2.458	1.203	-0.587	-2.415	-3.783	-4.371
7621	76.20	-4.153	-3.379	-2.457	-1.785	-1.584	-1.818	-2.220	-2.412	-2.075	-1.093
7631	76.30	0.382	1.972	3.222	3.774	3.521	2.660	1.618	0.885	0.813	1.458
7641	76.40	2.555	3.610	4.106	3.717	2.442	0.618	-1.221	-2.556	-3.090	-2.849
7651	76.50	-2.149	-1.436	-1.074	-1.193	-1.638	-2.070	-2.144	-1.690	-0.814	0.141
7661	76.60	0.750	0.705	-0.027	-1.166	-2.222	-2.693	-2.276	-0.994	0.805	2.585
7671	76.70	3.830	4.242	3.837	2.911	1.894	1.161	0.870	0.908	0.959	0.657
7681	76.80	-0.237	-1.712	-3.486	-5.107	-6.115	-6.223	-5.422	-3.993	-2.402	-1.131
7691	76.90	-0.500	-0.565	-1.104	-1.712	-1.965	-1.584	-0.537	0.946	2.460	3.573
7701	77.00	3.983	3.617	2.651	1.434	0.360	-0.266	-0.325	0.104	0.798	1.494
7711	77.10	1.988	2.197	2.161	1.987	1.772	1.542	1.234	0.735	-0.044	-1.097
7721	77.20	-2.287	-3.369	-4.064	-4.164	-3.608	-2.520	-1.166	0.128	1.092	1.587
7731	77.30	1.639	1.398	1.062	0.791	0.648	0.589	0.509	0.309	-0.044	-0.494
7741	77.40	-0.910	-1.147	-1.110	-0.797	-0.303	0.215	0.603	0.774	0.740	0.610
7751	77.50	0.543	0.684	1.108	1.783	2.580	3.313	3.801	3.919	3.639	3.020
7761	77.60	2.181	1.256	0.341	-0.510	-1.292	-2.010	-2.647	-3.140	-3.386	-3.278
7771	77.70	-2.758	-1.858	-0.717	0.447	1.401	1.971	2.096	1.869	1.399	0.944
7781	77.80	0.633	0.514	0.534	0.579	0.542	0.380	0.141	-0.062	-0.107	0.067
7791	77.90	0.425	0.838	1.135	1.182	0.939	0.486	-0.009	-0.362	-0.449	-0.269
7801	78.00	0.059	0.341	0.386	0.090	-0.525	-1.319	-2.091	-2.654	-2.902	-2.835
7811	78.10	-2.535	-2.122	-1.688	-1.271	-0.858	-0.423	0.024	0.415	0.638	0.585
7821	78.20	0.226	-0.359	-0.973	-1.373	-1.359	-0.868	-0.012	0.956	1.731	2.079
7831	78.30	1.925	1.376	0.665	0.047	-0.311	-0.386	-0.284	-0.166	-0.157	-0.284
7841	78.40	-0.477	-0.633	-0.699	-0.721	-0.832	-1.175	-1.797	-2.580	-3.248	-3.465
7851	78.50	-2.985	-1.775	-0.059	1.750	3.214	4.041	4.194	3.887	3.461	3.203
7861	78.60	3.203	3.309	3.213	2.620	1.418	-0.236	-1.954	-3.277	-3.864	-3.638
7871	78.70	-2.809	-1.774	-0.936	-0.536	-0.568	-0.816	-0.988	-0.869	-0.429	0.179
7881	78.80	0.705	0.942	0.841	0.530	0.253	0.238	0.582	1.186	1.796	2.111
7891	78.90	1.914	1.168	0.034	-1.200	-2.230	-2.844	-2.988	-2.752	-2.302	-1.796
7901	79.00	-1.314	-0.836	-0.276	0.458	1.398	2.472	3.515	4.299	4.605	4.286
7911	79.10	3.315	1.805	-0.016	-1.852	-3.402	-4.431	-4.814	-4.557	-3.778	-2.663
7921	79.20	-1.415	-0.208	0.836	1.648	2.194	2.453	2.420	2.111	1.582	0.943
7931	79.30	0.339	-0.090	-0.259	-0.179	0.036	0.211	0.180	-0.141	-0.715	-1.389
7941	79.40	-1.965	-2.270	-2.229	-1.888	-1.376	-0.844	-0.397	-0.060	0.207	0.468
7951	79.50	0.755	1.047	1.282	1.401	1.392	1.309	1.248	1.295	1.474	1.720
7961	79.60	1.906	1.901	1.628	1.106	0.429	-0.279	-0.935	-1.527	-2.104	-2.722
7971	79.70	-3.377	-3.973	-4.333	-4.270	-3.672	-2.562	-1.109	0.428	1.787	2.787
7981	79.80	3.361	3.546	3.432	3.109	2.638	2.062	1.434	0.840	0.392	0.182
7991	79.90	0.238	0.488	0.780	0.938	0.840	0.474	-0.061	-0.606	-1.023	-1.255

Table 7-10-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-1.346	-1.397	-1.493	-1.643	-1.766	-1.733	-1.448	-0.915	-0.257	0.334
8011	80.10	0.682	0.714	0.498	0.203	0.021	0.068	0.342	0.732	1.094	1.337
8021	80.20	1.469	1.593	1.835	2.256	2.797	3.285	3.502	3.283	2.599	1.574
8031	80.30	0.444	-0.538	-1.190	-1.453	-1.393	-1.151	-0.882	-0.708	-0.699	-0.880
8041	80.40	-1.248	-1.780	-2.424	-3.091	-3.660	-4.000	-4.010	-3.663	-3.014	-2.177
8051	80.50	-1.272	-0.378	0.497	1.386	2.314	3.232	3.993	4.390	4.241	3.493
8061	80.60	2.293	0.966	-0.076	-0.489	-0.140	0.826	2.020	2.948	3.189	2.545
8071	80.70	1.102	-0.821	-2.801	-4.469	-5.616	-6.220	-6.381	-6.219	-5.787	-5.042
8081	80.80	-3.893	-2.294	-0.328	1.765	3.643	4.971	5.547	5.367	4.617	3.579
8091	80.90	2.514	1.561	0.719	-0.099	-0.960	-1.826	-2.533	-2.852	-2.603	-1.765
8101	81.00	-0.523	0.792	1.823	2.331	2.281	1.840	1.268	0.791	0.486	0.272
8111	81.10	-0.029	-0.559	-1.328	-2.183	-2.875	-3.177	-2.998	-2.428	-1.679	-0.985
8121	81.20	-0.477	-0.142	0.145	0.521	1.031	1.590	2.021	2.169	2.006	1.670
8131	81.30	1.409	1.444	1.842	2.454	2.971	3.073	2.597	1.639	0.518	-0.363
8141	81.40	-0.722	-0.531	-0.033	0.376	0.353	-0.227	-1.208	-2.234	-2.935	-3.106
8151	81.50	-2.804	-2.301	-1.929	-1.901	-2.194	-2.566	-2.691	-2.329	-1.466	-0.319
8161	81.60	0.762	1.472	1.698	1.563	1.362	1.400	1.837	2.607	3.439	3.983
8171	81.70	3.967	3.301	2.111	0.663	-0.745	-1.892	-2.689	-3.155	-3.355	-3.332
8181	81.80	-3.077	-2.545	-1.712	-0.633	0.535	1.554	2.181	2.245	1.721	0.743
8191	81.90	-0.426	-1.479	-2.156	-2.323	-2.002	-1.351	-0.601	0.031	0.414	0.541
8201	82.00	0.509	0.465	0.525	0.721	0.983	1.180	1.192	0.983	0.639	0.339
8211	82.10	0.278	0.567	1.164	1.859	2.347	2.347	1.713	0.505	-1.026	-2.527
8221	82.20	-3.670	-4.255	-4.251	-3.766	-2.968	-2.002	-0.939	0.208	1.424	2.637
8231	82.30	3.680	4.324	4.358	3.676	2.348	0.614	-1.169	-2.636	-3.514	-3.681
8241	82.40	-3.175	-2.152	-0.826	0.588	1.897	2.938	3.574	3.697	3.255	2.280
8251	82.50	0.907	-0.633	-2.060	-3.115	-3.624	-3.538	-2.933	-1.969	-0.835	0.300
8261	82.60	1.303	2.083	2.573	2.728	2.538	2.053	1.399	0.766	0.355	0.304
8271	82.70	0.615	1.137	1.600	1.720	1.314	0.388	-0.851	-2.072	-2.951	-3.299
8281	82.80	-3.135	-2.660	-2.152	-1.832	-1.750	-1.778	-1.673	-1.219	-0.346	0.811
8291	82.90	1.958	2.762	2.997	2.636	1.862	0.978	0.277	-0.075	-0.083	0.111
8301	83.00	0.329	0.452	0.468	0.454	0.497	0.616	0.723	0.656	0.262	-0.504
8311	83.10	-1.531	-2.571	-3.332	-3.592	-3.291	-2.547	-1.599	-0.700	-0.019	0.410
8321	83.20	0.664	0.858	1.062	1.259	1.356	1.246	0.864	0.331	-0.257	-0.687
8331	83.30	-0.813	-0.598	-0.124	0.455	0.978	1.348	1.560	1.672	1.754	1.836
8341	83.40	1.885	1.826	1.599	1.211	0.758	0.399	0.284	0.476	0.903	1.365
8351	83.50	1.598	1.376	0.602	-0.646	-2.133	-3.549	-4.606	-5.127	-5.084	-4.575
8361	83.60	-3.762	-2.797	-1.776	-0.724	0.369	1.500	2.619	3.625	4.393	4.826
8371	83.70	4.894	4.644	4.179	3.605	2.981	2.297	1.492	0.501	-0.686	-1.990
8381	83.80	-3.245	-4.249	-4.830	-4.911	-4.536	-3.850	-3.041	-2.272	-1.626	-1.096
8391	83.90	-0.613	-0.093	0.511	1.181	1.846	2.404	2.772	2.903	2.802	2.511
8401	84.00	2.091	1.599	1.088	0.601	0.177	-0.147	-0.352	-0.438	-0.435	-0.392
8411	84.10	-0.357	-0.356	-0.380	-0.388	-0.336	-0.203	-0.020	0.136	0.160	-0.031
8421	84.20	-0.456	-1.054	-1.690	-2.202	-2.459	-2.406	-2.081	-1.600	-1.104	-0.711
8431	84.30	-0.478	-0.391	-0.391	-0.409	-0.398	-0.347	-0.264	-0.148	0.028	0.316
8441	84.40	0.765	1.377	2.073	2.690	3.033	2.940	2.366	1.419	0.342	-0.578
8451	84.50	-1.119	-1.224	-1.031	-0.819	-0.881	-1.381	-2.260	-3.227	-3.867	-3.808
8461	84.60	-2.878	-1.204	0.827	2.703	3.969	4.396	4.039	3.187	2.224	1.462
8471	84.70	1.031	0.863	0.770	0.565	0.169	-0.348	-0.816	-1.063	-1.011	-0.724
8481	84.80	-0.374	-0.160	-0.200	-0.479	-0.848	-1.103	-1.078	-0.725	-0.333	0.517
8491	84.90	1.029	1.280	1.259	1.058	0.815	0.649	0.608	0.662	0.727	0.716

Table 7-10-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1202 S102-PI-1-1 HA. (HA.) SHINO BRIDGE MAX. ACC. = -464.539 (GAL) T= 8.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.582	0.336	0.040	-0.221	-0.376	-0.393	-0.285	-0.107	0.066	0.162
8511	85.10	0.130	-0.045	-0.332	-0.667	-0.964	-1.144	-1.159	-1.011	-0.749	-0.451
8521	85.20	-0.196	-0.025	0.068	0.133	0.238	0.435	0.731	1.081	1.406	1.624
8531	85.30	1.678	1.563	1.318	1.011	0.707	0.446	0.230	0.025	-0.218	-0.540
8541	85.40	-0.953	-1.427	-1.895	-2.274	-2.486	-2.498	-2.336	-2.087	-1.864	-1.765
8551	85.50	-1.816	-1.949	-2.009	-1.821	-1.270	-0.374	0.689	1.629	2.146	2.062
8561	85.60	1.408	0.431	-0.490	-0.993	-0.883	-0.218	0.722	1.553	1.959	1.821
8571	85.70	1.263	0.573	0.061	-0.096	0.061	0.306	0.343	-0.033	-0.825	-1.821
8581	85.80	-2.678	-3.077	-2.863	-2.104	-1.055	-0.043	0.676	1.010	1.042	0.962
8591	85.90	0.957	1.118	1.406	1.682	1.793	1.646	1.259	0.746	0.267	-0.039
8601	86.00	-0.101	0.069	0.402	0.809	1.213	1.566	1.843	2.026	2.096	2.031
8611	86.10	1.818	1.460	0.979	0.405	-0.227	-0.889	-1.550	-2.166	-2.670	-2.973
8621	86.20	-2.990	-2.666	-2.014	-1.120	-0.133	0.781	1.479	1.887	2.003	1.881
8631	86.30	1.597	1.214	0.765	0.266	-0.263	-0.773	-1.184	-1.398	-1.345	-1.014
8641	86.40	-0.470	0.156	0.714	1.086	1.227	1.173	1.017	0.855	0.741	0.658
8651	86.50	0.531	0.268	-0.181	-0.785	-1.419	-1.907	-2.082	-1.861	-1.288	-0.530
8661	86.60	0.172	0.595	0.613	0.251	-0.324	-0.860	-1.122	-0.984	-0.484	0.190
8671	86.70	0.770	1.013	0.803	0.202	-0.576	-1.243	-1.552	-1.397	-0.847	-0.112
8681	86.80	0.553	0.956	1.048	0.930	0.794	0.818	1.067	1.157	1.785	1.831
8691	86.90	1.466	0.726	-0.193	-1.016	-1.514	-1.600	-1.375	-1.065	-0.913	-1.057
8701	87.00	-1.460	-1.927	-2.204	-2.105	-1.602	-0.842	-0.067	0.503	0.780	0.847
8711	87.10	0.902	1.143	1.646	2.307	2.876	3.066	2.694	1.776	0.532	-0.699
8721	87.20	-1.594	-1.972	-1.842	-1.368	-0.771	-0.225	0.206	0.556	0.900	1.273
8731	87.30	1.633	1.880	1.916	1.708	1.324	0.899	0.567	0.381	0.287	0.148
8741	87.40	-0.174	-0.731	-1.443	-2.125	-2.570	-2.652	-2.384	-1.909	-1.423	-1.068
8751	87.50	-0.852	-0.648	-0.266	0.431	1.433	2.557	3.512	4.018	3.928	3.289
8761	87.60	2.318	1.308	0.502	0.005	-0.230	-0.347	-0.495	-0.749	-1.086	-1.411
8771	87.70	-1.625	-1.686	-1.628	-1.535	-1.492	-1.534	-1.632	-1.723	-1.745	-1.681
8781	87.80	-1.552	-1.396	-1.227	-1.014	-0.695	-0.227	0.359	0.945	1.349	1.405
8791	87.90	1.049	0.365	-0.424	-1.050	-1.305	-1.133	-0.650	-0.080	0.354	0.540
8801	88.00	0.525	0.477	0.593	0.973	1.566	2.173	2.542	2.484	1.961	1.101
8811	88.10	0.138	-0.699	-1.277	-1.597	-1.759	-1.882	-2.022	-2.139	-2.131	-1.907
8821	88.20	-1.461	-0.901	-0.410	-0.162	-0.232	-0.550	-0.929	-1.141	-1.026	-0.556
8831	88.30	0.160	0.934	1.589	2.034	2.282	2.423	2.543	2.671	2.753	2.678
8841	88.40	2.341	1.704	0.816	-0.195	-1.176	-2.000	-2.594	-2.932	-3.018	-2.851
8851	88.50	-2.429	-1.765	-0.912	0.017	0.868	1.493	1.808	1.822	1.640	1.408
8861	88.60	1.247	1.198	1.210	1.176	0.998	0.668	0.187	-0.264	-0.585	-0.720
8871	88.70	-0.706	-0.652	-0.674	-0.832	-1.085	-1.307	-1.344	-1.088	-0.535	0.205
8881	88.80	0.948	1.506	1.752	1.654	1.273	0.720	0.116	-0.443	-0.895	-1.205
8891	88.90	-1.353	-1.327	-1.140	-0.831	-0.476	-0.158	0.055	0.149	0.169	0.203
8901	89.00	0.330	0.581	0.903	1.182	1.285	1.128	0.725	0.186	-0.314	-0.612
8911	89.10	-0.625	-0.378	0.011	0.385	0.621	0.676	0.596	0.474	0.399	0.400
8921	89.20	0.433	0.404	0.219	-0.161	-0.697	-1.237	-1.803	-2.146	-2.281	-2.241
8931	89.30	-2.097	-1.916	-1.727	-1.507	-1.209	-0.795	-0.269	0.302	0.814	1.163
8941	89.40	1.294	1.225	1.044	0.875	0.825	0.929	1.139	1.334	1.368	1.134
8951	89.50	0.614	-0.105	-0.850	-1.420	-1.650	-1.473	-0.936	-0.189	0.569	1.161
8961	89.60	1.486	1.549	1.450	1.339	1.355	1.576	1.989	2.495	2.951	3.215
8971	89.70	3.194	2.864	2.268	1.493	0.638	-0.211	-0.992	-1.660	-2.180	-2.517
8981	89.80	-2.640	-2.532	-2.210	-1.728	-1.177	-0.660	-0.265			

Table 7-11-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-7.630	1.924	10.064	12.371	7.054	-3.793	-14.884	-20.221	-16.205	-3.773
11	0.10	11.660	22.638	23.378	12.930	-3.946	-18.802	-23.592	-14.846	4.236	24.966
21	0.20	37.251	34.584	17.494	-6.405	-25.926	-31.738	-21.028	0.980	23.486	35.406
31	0.30	30.853	12.067	-11.722	-28.928	-31.417	-18.525	2.737	21.373	28.075	19.942
41	0.40	1.830	-16.335	-24.830	-19.241	-2.731	15.691	25.956	22.237	6.001	-14.790
51	0.50	-29.853	-31.927	-20.466	-1.757	14.513	20.413	13.854	-0.516	-14.045	-18.899
61	0.60	-12.352	1.792	15.396	20.603	14.319	0.099	-13.673	-18.370	-10.031	8.098
71	0.70	26.900	35.995	29.303	8.593	-16.955	-35.110	-36.758	-20.726	5.282	28.253
81	0.80	36.271	24.575	-1.797	-30.209	-46.483	-41.881	-17.555	15.787	42.889	51.238
91	0.90	37.102	7.339	-23.886	-41.920	-38.646	-16.330	13.558	35.951	39.479	21.936
101	1.00	-8.690	-38.071	-52.372	-44.762	-18.541	14.552	39.923	46.886	33.394	6.608
111	1.10	-20.808	-35.755	-35.187	-18.488	4.208	21.730	26.233	16.642	-1.325	-18.323
121	1.20	-26.035	-20.978	-5.748	12.688	26.587	31.006	25.652	14.294	2.304	-6.222
131	1.30	-10.227	-11.534	-13.043	-16.458	-20.882	-23.110	-19.467	-8.172	9.108	27.409
141	1.40	40.387	43.071	34.158	16.692	-3.170	-18.744	-25.526	-22.795	-13.487	-2.498
151	1.50	5.646	8.658	7.082	3.484	0.800	0.721	2.910	5.362	5.610	2.145
161	1.60	-4.692	-12.736	-18.909	-20.578	-16.732	-8.495	1.246	8.932	11.721	8.632
171	1.70	1.030	-7.789	-13.801	-13.863	-7.136	4.270	15.812	22.162	19.454	7.257
181	1.80	-10.670	-27.377	-35.320	-29.629	-10.653	15.490	38.863	49.613	42.239	18.358
191	1.90	-13.443	-40.827	-52.766	-44.259	-18.580	14.060	40.901	52.139	45.030	24.703
201	2.00	1.360	-14.771	-18.263	-10.771	0.313	6.076	1.020	-13.818	-31.160	-41.091
211	2.10	-36.156	-15.411	14.646	42.758	57.923	54.307	33.707	4.471	-22.502	-38.608
221	2.20	-40.925	-32.600	-20.356	-10.607	-6.302	-6.049	-5.779	-1.796	6.609	16.494
231	2.30	22.886	21.751	12.564	-1.002	-12.740	-17.085	-12.075	-0.508	11.412	17.242
241	2.40	13.669	2.289	-11.145	-19.626	-18.486	-7.825	7.453	20.008	23.639	16.281
251	2.50	0.982	-15.572	-26.172	-26.333	-16.119	0.167	16.124	26.083	27.273	20.458
261	2.60	9.004	-2.929	-12.091	-16.969	-17.623	-14.887	-9.623	-2.473	5.834	13.996
271	2.70	19.979	21.499	17.012	6.732	-6.925	-19.849	-27.587	-27.032	-17.724	-2.182
281	2.80	14.881	28.153	33.520	29.379	17.055	0.254	-16.180	-27.723	-31.410	-26.538
291	2.90	-14.707	0.715	15.541	25.866	29.064	24.435	13.353	-1.153	-15.235	-25.273
301	3.00	-28.790	-25.022	-14.993	-1.150	13.268	24.961	31.227	30.486	22.651	9.283
311	3.10	-6.543	-20.763	-29.273	-29.121	-19.619	-2.913	16.333	32.202	39.400	35.101
321	3.20	20.040	-1.640	-21.775	-40.299	-47.282	-44.083	-33.194	-18.939	-5.611	4.092
331	3.30	9.729	12.655	14.790	17.275	19.705	20.315	17.008	8.713	-3.612	-16.878
341	3.40	-26.791	-29.468	-23.093	-8.893	9.027	25.007	33.839	32.711	22.899	6.555
351	3.50	-8.785	-18.414	-19.526	-12.870	-2.343	6.767	10.166	6.504	-1.987	-10.545
361	3.60	-14.190	-10.264	0.054	12.067	19.718	18.653	8.696	-5.576	-16.680	-17.793
371	3.70	-6.438	13.610	33.346	42.330	33.665	7.841	-26.575	-56.027	-67.726	-55.523
381	3.80	-23.159	16.834	48.307	58.543	43.972	11.861	-22.925	-44.670	-43.965	-21.931
391	3.90	10.497	37.888	47.677	36.053	9.546	-18.421	-34.276	-31.013	-11.552	12.897
401	4.00	28.638	26.561	6.919	-20.602	-41.600	-44.179	-25.090	8.268	41.042	57.837
411	4.10	50.044	20.058	-19.631	-52.051	-63.399	-49.161	-15.884	22.067	49.139	55.425
421	4.20	40.597	13.310	-13.363	-28.113	-26.241	-11.085	8.369	22.215	24.305	14.697
431	4.30	-1.066	-15.168	-21.470	-18.236	-8.473	2.031	7.803	6.290	-1.183	-10.413
441	4.40	-16.561	-16.454	-9.865	0.685	11.310	18.521	20.527	17.592	11.483	4.484
451	4.50	-1.506	-5.420	-6.993	-6.488	-4.434	-1.536	1.325	3.161	3.137	0.967
461	4.60	-2.781	-6.715	-9.094	-8.621	-5.165	-0.031	4.443	5.871	2.955	-3.755
471	4.70	-11.883	-18.078	-19.370	-14.455	-4.339	7.938	18.400	23.606	21.889	13.905
481	4.80	2.303	-9.312	-17.675	-20.926	-19.082	-13.788	-7.507	-2.496	0.025	0.224
491	4.90	-0.596	-0.729	1.030	4.713	9.038	11.932	11.514	7.145	0.020	-7.067

Table 7-11-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-10.800	-8.881	-1.340	9.068	17.735	20.113	13.904	0.501	-15.124	-26.235
511	5.10	-27.215	-16.282	3.260	23.960	37.108	34.429	20.950	-4.284	-30.075	-46.768
521	5.20	-48.201	-34.182	-10.408	14.076	30.701	34.762	26.902	12.186	-2.620	-12.163
531	5.30	-14.538	-11.434	-6.546	-3.271	-2.949	-4.500	-5.501	-3.944	0.398	5.779
541	5.40	9.546	9.804	6.677	2.410	0.184	2.290	8.664	16.634	22.086	21.496
551	5.50	13.802	1.123	-12.048	-20.824	-22.106	-15.932	-5.365	4.960	10.905	10.529
561	5.60	4.686	-3.620	-10.698	-13.701	-11.563	-5.071	3.758	12.548	19.258	22.502
571	5.70	21.586	16.475	7.851	-2.787	-13.190	-20.778	-23.419	-20.299	-12.447	-2.557
581	5.80	5.943	10.237	9.290	4.273	-1.983	-6.268	-6.419	-2.228	4.573	11.181
591	5.90	14.979	14.570	10.124	3.008	-5.011	-12.473	-18.507	-22.621	-24.293	-22.763
601	6.00	-17.258	-7.608	5.140	18.543	29.288	34.298	31.949	22.811	9.538	-4.100
611	6.10	-14.581	-19.802	-19.543	-15.130	-8.566	-1.652	4.461	9.200	12.175	12.893
621	6.20	10.876	6.150	-0.228	-6.084	-8.742	-6.203	1.666	12.622	22.634	27.479
631	6.30	24.657	14.696	1.142	-10.884	-16.944	-15.289	-7.629	1.750	8.100	8.528
641	6.40	3.370	-4.077	-9.306	-8.934	-2.448	7.539	16.605	20.719	18.176	10.288
651	6.50	0.538	-7.310	-11.100	-11.174	-9.851	-9.845	-12.560	-17.242	-21.449	-22.572
661	6.60	-19.486	-13.355	-7.068	-3.564	-3.975	-6.694	-8.024	-4.215	6.112	20.464
671	6.70	32.884	36.308	25.958	2.188	-28.630	-55.852	-68.400	-59.234	-28.600	15.352
681	6.80	58.959	87.652	91.092	66.953	21.976	-30.117	-73.116	-93.705	-85.893	-53.025
691	6.90	-6.660	37.321	64.116	65.103	40.880	1.103	-38.903	-63.668	-63.266	-37.066
701	7.00	5.951	50.490	80.697	86.125	65.580	27.312	-14.478	-45.356	-56.194	-46.274
711	7.10	-22.793	2.818	19.987	23.238	13.809	-1.807	-15.441	-21.111	-17.362	-7.192
721	7.20	4.106	11.854	14.115	12.034	8.454	5.774	4.361	2.441	-2.525	-11.807
731	7.30	-23.970	-34.959	-39.797	-35.099	-21.083	-1.973	15.532	25.110	23.639	12.694
741	7.40	-2.046	-13.212	-14.923	-5.319	12.625	32.282	45.003	48.061	36.740	14.864
751	7.50	-11.292	-34.173	-47.356	-47.429	-34.852	-13.670	9.734	28.476	37.145	33.411
761	7.60	18.822	-1.547	-20.617	-31.641	-30.631	-17.947	1.654	20.698	31.871	30.969
771	7.70	18.670	0.285	-16.491	-24.916	-22.153	-10.489	3.770	13.256	13.008	2.819
781	7.80	-12.650	-26.064	-30.917	-24.689	-10.167	5.717	15.030	12.537	-1.709	-22.063
791	7.90	-39.407	-44.793	-33.080	-5.117	32.351	68.914	93.950	100.029	85.145	53.169
801	8.00	12.551	-26.221	-53.588	-63.507	-54.995	-32.230	-3.171	22.928	38.402	39.520
811	8.10	27.463	7.540	-13.092	-28.278	-35.092	-34.468	-29.994	-25.518	-22.829	-20.676
821	8.20	-15.707	-4.866	12.062	31.258	45.916	49.227	37.904	14.386	-13.583	-36.032
831	8.30	-45.144	-38.801	-21.499	-2.072	10.677	12.285	4.671	-5.103	-8.724	-1.145
841	8.40	16.624	37.869	53.459	56.314	44.735	22.921	-1.437	-21.064	-32.333	-36.140
851	8.50	-36.130	-35.539	-34.689	-30.617	-19.487	0.230	25.267	47.863	58.971	52.891
861	8.60	30.830	1.270	-23.426	-32.728	-23.172	-0.394	23.246	34.483	25.636	-1.402
871	8.70	-35.659	-61.903	-67.494	-48.067	-9.462	34.842	69.412	82.959	72.206	42.150
881	8.80	3.125	-33.549	-59.293	-70.010	-65.790	-49.480	-25.314	1.756	26.196	42.229
891	8.90	45.002	32.472	7.127	-23.703	-49.698	-61.236	-53.459	-28.761	3.720	31.670
901	9.00	44.761	39.067	18.620	-6.637	-25.546	-30.782	-21.875	-4.808	11.416	19.398
911	9.10	16.761	6.752	-4.119	-9.936	-8.573	-2.535	2.926	3.246	-2.462	-10.608
921	9.20	-15.005	-10.433	4.086	24.161	41.779	49.101	42.363	23.838	0.796	-18.005
931	9.30	-26.512	-24.064	-15.245	-7.019	-4.766	-9.351	-16.817	-20.848	-16.622	-3.915
941	9.40	12.333	24.383	25.801	15.106	-3.080	-20.112	-27.674	-22.139	-6.616	10.518
951	9.50	19.966	16.551	2.282	-14.289	-22.267	-14.178	9.635	40.341	64.238	69.098
961	9.60	50.212	13.183	-28.050	-57.142	-62.566	-42.756	-6.794	29.695	51.517	50.552
971	9.70	29.059	-1.752	-27.079	-35.283	-22.929	4.032	33.301	51.894	51.805	33.165
981	9.80	3.679	-25.144	-43.102	-45.422	-34.198	-16.730	-1.769	4.511	0.996	-8.407
991	9.90	-17.139	-19.461	-13.342	-1.448	10.212	15.318	10.513	-2.656	-18.134	-28.024

Table 7-11-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-26.402	-12.523	8.187	26.030	31.215	18.576	-9.340	-42.415	-66.598	-69.703
1011	10.10	-46.950	-3.749	45.696	83.611	95.638	76.667	32.993	-20.135	-64.558	-86.260
1021	10.20	-80.482	-52.846	-16.244	14.937	30.655	28.665	14.382	-2.413	-12.258	-9.969
1031	10.30	3.718	23.148	40.594	49.478	46.621	32.858	12.156	-10.065	-28.591	-39.566
1041	10.40	-41.020	-32.959	-17.204	2.940	23.247	39.428	48.148	47.894	39.342	25.035
1051	10.50	8.477	-6.939	-18.718	-25.494	-26.790	-22.678	-13.688	-1.111	12.582	23.721
1061	10.60	28.194	22.976	7.831	-13.731	-34.985	-48.164	-47.562	-32.256	-7.103	18.690
1071	10.70	35.046	35.192	18.726	-7.848	-33.487	-47.011	-41.753	-16.512	14.443	44.371
1081	10.80	58.913	50.895	21.246	-21.089	-62.182	-87.992	-89.289	-64.908	-22.183	25.545
1091	10.90	63.475	80.345	72.150	43.277	4.678	-30.229	-50.419	-51.064	-34.864	-10.474
1101	11.00	11.283	21.835	18.113	3.371	-14.623	-27.103	-27.950	-15.922	5.313	29.101
1111	11.10	48.585	59.048	58.912	49.284	32.714	12.945	-10.001	-30.531	-46.079	-52.811
1121	11.20	-47.670	-30.084	-3.280	25.791	48.353	57.003	48.878	27.244	0.567	-20.777
1131	11.30	-28.794	-21.284	-2.775	17.494	29.657	27.544	11.289	-12.897	-35.597	-48.326
1141	11.40	-47.026	-33.434	-13.554	3.911	13.948	14.429	7.786	-0.977	-6.838	-6.918
1151	11.50	-1.350	7.328	15.720	21.170	22.648	20.633	16.284	10.500	3.448	-5.200
1161	11.60	-15.534	-26.669	-36.519	-42.310	-41.652	-33.691	-19.747	-3.100	12.065	22.146
1171	11.70	25.413	22.579	16.389	10.427	7.633	9.164	14.057	19.796	23.513	23.256
1181	11.80	18.777	11.509	3.800	-2.206	-5.483	-6.419	-6.376	-6.781	-8.260	-10.259
1191	11.90	-11.371	-10.172	-6.116	0.026	6.444	11.158	13.007	12.222	10.211	8.668
1201	12.00	8.472	9.030	6.508	4.928	-2.407	-11.969	-20.174	-22.783	-16.998	-3.232
1211	12.10	14.412	29.396	35.372	29.050	11.986	-9.677	-27.569	-34.625	-28.238	-11.577
1221	12.20	7.653	20.535	20.943	8.410	-11.474	-29.406	-36.458	-28.130	-6.532	20.314
1231	12.30	41.793	49.189	39.391	16.177	-11.460	-33.190	-41.696	-35.577	-19.592	-2.208
1241	12.40	8.362	7.817	-2.508	-16.553	-26.593	-26.977	-16.828	-0.495	14.419	20.522
1251	12.50	14.026	-3.452	-25.441	-43.257	-49.562	-41.328	-20.978	4.689	27.251	39.897
1261	12.60	39.814	28.842	12.277	-3.535	-13.728	-16.536	-13.422	-7.836	-3.269	-1.540
1271	12.70	-2.069	-2.422	0.185	7.178	17.519	27.803	33.538	31.122	19.621	1.545
1281	12.80	-17.809	-32.235	-36.984	-30.627	-15.595	2.832	18.676	27.609	28.490	23.420
1291	12.90	16.368	11.039	9.059	9.336	8.907	4.839	-3.819	-15.056	-24.488	-27.313
1301	13.00	-20.746	-5.724	13.003	28.595	34.934	29.314	13.743	-5.756	-21.602	-27.809
1311	13.10	-22.449	-8.363	8.181	20.255	23.225	16.622	4.121	-8.265	-14.950	-13.250
1321	13.20	-4.479	6.749	14.684	15.073	7.103	-6.182	-19.169	-26.110	-23.645	-12.335
1331	13.30	3.469	17.392	23.716	19.837	7.443	-8.113	-20.056	-23.098	-15.780	-1.215
1341	13.40	14.166	23.367	21.916	9.933	-7.784	-23.754	-31.047	-26.365	-11.554	7.131
1351	13.50	21.732	26.064	18.408	2.215	-15.475	-27.151	-28.084	-18.227	-1.993	13.905
1361	13.60	23.470	23.888	16.382	5.199	-4.623	-9.554	-8.857	-4.382	0.841	4.345
1371	13.70	5.365	4.876	4.624	5.835	8.359	10.729	11.061	8.229	2.636	-3.881
1381	13.80	-8.943	-10.829	-9.309	-5.677	-1.986	0.065	-0.039	-1.499	-2.838	-2.879
1391	13.90	-1.498	0.281	0.909	-0.707	-4.440	-8.828	-11.699	-11.233	-6.886	0.285
1401	14.00	8.062	14.036	16.608	15.546	11.868	7.176	2.850	-0.495	-3.033	-5.317
1411	14.10	-7.717	-10.066	-11.704	-11.884	-10.273	-7.253	-3.826	-1.167	-0.052	-0.462
1421	14.20	-1.573	-2.151	-1.178	1.598	5.437	8.826	10.090	8.131	3.011	-3.898
1431	14.30	-10.299	-13.807	-12.922	-7.773	-0.244	6.649	9.975	8.239	2.247	-5.001
1441	14.40	-9.493	-8.058	-0.078	11.815	22.555	26.806	21.554	7.920	-8.841	-21.378
1451	14.50	-23.553	-13.518	4.975	23.855	34.227	30.536	13.441	-10.106	-29.785	-36.587
1461	14.60	-27.091	-5.255	19.229	35.300	35.616	19.922	-4.898	-28.095	-40.076	-36.740
1471	14.70	-21.088	-1.426	12.850	15.736	7.206	-7.250	-19.722	-23.901	-17.973	-5.037
1481	14.80	8.954	18.462	21.033	18.028	13.206	10.139	10.015	11.082	10.004	4.255
1491	14.90	-5.879	-16.930	-23.804	-22.482	-12.384	2.913	17.087	23.953	20.399	7.892

Table 7-11-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-8.182	-21.016	-25.473	-20.284	-8.360	4.811	13.809	15.651	10.819	2.603
1511	15.10	-4.731	-7.973	-6.219	-0.871	5.412	10.154	12.138	11.652	9.934	8.243
1521	15.20	7.099	6.071	4.177	0.610	-4.605	-10.370	-14.811	-15.998	-12.777	-5.393
1531	15.30	4.362	13.575	19.101	18.669	11.815	0.287	-12.327	-21.718	-24.382	-19.015
1541	15.40	-7.175	7.145	18.943	24.129	21.135	11.509	-0.789	-11.108	-16.051	-14.786
1551	15.50	-9.102	-2.269	2.714	4.555	4.080	3.423	4.493	7.571	10.881	11.413
1561	15.60	6.635	-3.812	-17.380	-29.353	-34.799	-30.868	-18.308	-1.408	13.676	21.509
1571	15.70	19.696	9.889	-2.992	-12.955	-15.539	-9.682	1.954	14.278	22.030	21.991
1581	15.80	14.193	1.691	-10.872	-19.194	-20.881	-16.044	-6.847	3.646	12.685	18.591
1591	15.90	20.849	19.695	15.622	9.150	0.993	-7.570	-14.515	-17.419	-14.353	-5.001
1601	16.00	8.593	22.193	30.627	29.789	18.568	-0.202	-20.372	-34.628	-37.375	-27.166
1611	16.10	-7.554	14.101	29.486	32.681	22.569	3.272	-17.603	-32.129	-35.250	-26.641
1621	16.20	-10.482	6.602	18.442	21.709	16.806	7.051	-3.250	-10.785	-14.332	-14.602
1631	16.30	-13.149	-11.136	-8.692	-5.183	-0.109	6.057	11.684	14.680	13.671	8.962
1641	16.40	2.629	-2.418	-3.960	-1.737	2.298	4.953	3.572	-2.364	-10.692	-17.476
1651	16.50	-18.966	-13.619	-3.085	8.397	15.975	16.535	10.235	0.409	-8.127	-11.497
1661	16.60	-8.682	-1.914	4.627	7.138	4.296	-1.978	-7.523	-8.198	-2.225	8.627
1671	16.70	19.674	25.502	22.629	11.332	-4.298	-18.103	-24.594	-21.360	-10.045	4.525
1681	16.80	16.591	21.976	19.716	12.130	3.417	-2.431	-3.381	-0.004	5.156	9.039
1691	16.90	9.579	6.518	1.270	-3.989	-7.425	-8.289	-6.991	-4.599	-2.153	-0.192
1701	17.00	1.253	2.316	2.889	2.490	0.522	-3.199	-8.017	-12.430	-14.617	-13.305
1711	17.10	-8.527	-1.843	4.177	7.046	5.529	0.320	-6.144	-10.708	-10.898	-6.065
1721	17.20	2.293	11.183	17.438	19.089	16.118	10.273	4.057	-0.550	-2.969	-4.066
1731	17.30	-5.349	-7.817	-11.117	-13.554	-12.994	-8.233	-0.049	8.717	14.241	13.521
1741	17.40	6.047	-5.596	-16.588	-21.964	-18.947	-8.435	5.209	16.030	19.233	13.493
1751	17.50	1.680	-10.417	-16.827	-14.290	-3.911	9.295	18.778	19.639	11.067	-3.174
1761	17.60	-16.509	-22.704	-18.902	-7.027	7.146	16.823	17.537	9.360	-3.135	-13.146
1771	17.70	-15.050	-7.254	6.921	20.795	27.568	23.662	10.540	-5.915	-18.159	-20.573
1781	17.80	-12.133	3.090	17.841	25.071	21.196	7.694	-9.653	-23.468	-28.123	-22.166
1791	17.90	-8.761	5.957	15.766	17.090	10.377	-0.615	-9.842	-13.496	-9.870	-0.803
1801	18.00	9.566	16.732	17.734	12.247	2.505	-7.781	-14.945	-16.689	-12.759	-4.835
1811	18.10	4.198	11.269	14.090	11.826	5.314	-3.186	-10.658	-14.274	-12.358	-5.066
1821	18.20	5.510	15.927	22.556	22.921	16.691	5.875	-5.916	-14.879	-18.523	-16.604
1831	18.30	-11.083	-5.113	-1.531	-1.569	-4.371	-7.550	-8.494	-5.770	0.062	6.634
1841	18.40	10.868	10.459	5.025	-3.618	-12.195	-17.366	-17.145	-11.689	-3.150	5.298
1851	18.50	10.795	11.877	8.879	3.553	-1.833	-5.483	-6.686	-5.876	-4.179	-2.738
1861	18.60	-2.154	-2.282	-2.426	-1.794	0.023	2.771	5.566	7.221	6.739	3.766
1871	18.70	-1.163	-6.687	-11.003	-12.457	-10.145	-4.334	3.504	11.069	15.952	16.456
1881	18.80	12.219	4.412	-4.606	-12.051	-15.638	-14.325	-8.614	-0.328	8.042	14.143
1891	18.90	16.449	14.616	9.450	2.566	-4.116	-8.870	-10.560	-8.874	-4.380	1.595
1901	19.00	7.284	10.939	11.359	8.314	2.710	-3.626	-8.520	-10.201	-7.965	-2.470
1911	19.10	4.457	10.464	13.508	12.569	7.974	1.240	-5.493	-10.177	-11.489	-9.164
1921	19.20	-3.986	2.511	8.514	12.418	13.251	10.924	6.269	0.819	-3.648	-5.691
1931	19.30	-4.744	-1.372	2.902	6.180	6.995	4.986	1.109	-2.761	-4.697	-3.675
1941	19.40	-0.149	4.081	6.685	5.949	1.681	-4.581	-10.221	-12.766	-11.095	-6.024
1951	19.50	0.049	4.291	4.822	1.642	-3.372	-7.430	-8.272	-5.375	-0.274	4.169
1961	19.60	5.231	1.788	-4.961	-11.924	-15.515	-13.392	-5.672	4.962	14.356	18.703
1971	19.70	16.220	7.937	-2.796	-11.833	-16.075	-14.777	-9.721	-4.197	-1.302	-2.384
1981	19.80	-6.379	-10.386	-11.180	-6.964	1.529	11.142	17.629	17.629	10.375	-1.706
1991	19.90	-13.842	-20.913	-19.720	-10.498	3.059	15.330	21.218	18.424	8.508	-3.786

Table 7-11-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-12.653	-13.867	-6.712	5.685	17.789	24.200	22.124	12.625	0.077	-9.926
2011	20.10	-13.168	-8.725	0.738	10.371	15.542	14.057	7.126	-1.375	-6.927	-6.667
2021	20.20	-0.804	7.508	13.780	14.425	8.548	-1.614	-11.747	-17.502	-16.478	-9.241
2031	20.30	1.075	10.300	15.104	14.319	9.140	2.235	-3.677	-7.039	-7.879	-7.361
2041	20.40	-6.813	-6.840	-7.017	-6.281	-3.743	0.584	5.581	9.487	10.767	8.933
2051	20.50	4.853	0.371	-2.569	-2.865	-0.787	2.162	3.978	3.145	-0.620	-6.175
2061	20.60	-11.409	-14.125	-12.959	-7.961	-0.614	6.688	11.484	12.089	8.163	0.812
2071	20.70	-7.772	-15.014	-18.766	-17.983	-13.041	-5.596	1.987	7.445	9.381	7.718
2081	20.80	3.630	-0.996	-4.369	-5.522	-4.643	-2.870	-1.649	-1.974	-3.866	-6.373
2091	20.90	-8.059	-7.773	-5.275	-1.414	2.249	4.195	3.697	1.192	-1.932	-4.010
2101	21.00	-3.928	-1.663	1.713	4.576	5.566	4.259	1.378	-1.575	-3.060	-2.259
2111	21.10	0.525	4.007	6.528	6.832	4.647	0.813	-3.073	-5.329	-4.861	-1.568
2121	21.20	3.656	9.281	13.685	15.660	14.722	11.170	5.926	0.245	-4.612	-7.676
2131	21.30	-8.475	-7.135	-4.324	-1.042	1.691	3.173	3.246	2.319	1.151	0.483
2141	21.40	0.677	1.539	2.414	2.531	1.432	-0.734	-3.204	-4.915	-5.005	-3.246
2151	21.50	-0.215	2.923	4.923	5.027	3.328	0.734	-1.453	-2.160	-1.075	1.173
2161	21.60	3.284	3.898	2.273	-1.292	-5.510	-8.617	-9.152	-6.644	-1.904	3.254
2171	21.70	6.746	7.108	4.162	-0.862	-5.814	-8.527	-7.755	-3.729	1.936	6.938
2181	21.80	9.302	8.255	4.553	0.116	-2.880	-3.034	-0.388	3.582	6.664	6.968
2191	21.90	3.859	-1.695	-7.527	-11.236	-11.281	-7.670	-1.941	3.560	6.734	6.637
2201	22.00	3.804	-0.113	-3.200	-4.181	-2.936	-0.418	1.941	2.995	2.423	0.788
2211	22.10	-0.868	-1.638	-1.244	-0.128	0.846	0.919	-0.136	-1.898	-3.551	-4.343
2221	22.20	-3.987	-2.780	-1.400	-0.501	-0.348	-0.699	-0.985	-0.675	0.393	1.904
2231	22.30	3.241	3.847	3.557	2.717	2.014	2.108	3.259	5.140	6.945	7.726
2241	22.40	6.824	4.168	0.338	-3.635	-6.629	-7.813	-6.909	-4.261	-0.723	2.599
2251	22.50	4.659	4.781	2.869	-0.524	-4.332	-7.291	-8.375	-7.194	-4.190	-0.531
2261	22.60	2.316	3.180	1.694	-1.498	-4.973	-7.115	-6.815	-3.973	0.430	4.746
2271	22.70	7.366	7.411	5.102	1.633	-1.377	-2.610	-1.624	0.975	3.819	5.391
2281	22.80	4.685	1.644	-2.797	-7.067	-9.560	-9.235	-6.007	-0.791	4.809	9.047
2291	22.90	10.631	9.162	5.273	0.395	-3.763	-5.845	-5.357	-2.843	0.347	2.634
2301	23.00	2.898	0.969	-2.271	-5.272	-6.503	-5.147	-1.493	3.171	7.108	8.888
2311	23.10	7.990	4.990	1.265	-1.648	-2.714	-1.798	0.352	2.508	3.514	2.752
2321	23.20	0.335	-2.996	-6.186	-8.220	-8.419	-6.609	-3.173	0.992	4.638	6.465
2331	23.30	5.548	1.772	-3.899	-9.569	-12.887	-12.163	-7.036	1.020	9.079	13.881
2341	23.40	13.262	7.267	-1.650	-9.566	-12.713	-9.448	-1.006	8.787	15.193	14.782
2351	23.50	7.170	-4.582	-15.188	-19.481	-14.824	-2.464	12.849	24.843	28.433	21.948
2361	23.60	7.854	-8.320	-20.362	-23.975	-18.454	-6.765	5.931	14.552	16.140	10.835
2371	23.70	1.457	-7.950	-13.886	-14.677	-10.815	-4.365	2.140	6.756	8.691	8.255
2381	23.80	6.372	3.978	1.630	-0.572	-2.769	-5.053	-7.252	-8.911	-9.428	-8.293
2391	23.90	-5.302	-0.709	4.746	9.936	13.575	14.559	12.352	7.269	0.539	-5.991
2401	24.00	-10.434	-11.569	-9.364	-5.044	-0.627	1.937	1.651	-1.045	-4.450	-6.398
2411	24.10	-5.336	-1.159	4.616	9.476	11.057	8.295	2.019	-5.327	-10.719	-11.883
2421	24.20	-8.302	-1.436	5.940	10.964	11.903	8.808	3.347	-2.063	-5.374	-5.745
2431	24.30	-3.741	-0.866	1.282	1.791	0.783	-0.803	-1.805	-1.491	0.093	2.207
2441	24.40	3.875	4.419	3.808	2.625	1.695	1.605	2.359	3.370	3.788	2.989
2451	24.50	0.961	-1.611	-3.631	-4.111	-2.676	0.198	3.344	5.411	5.485	3.554
2461	24.60	0.566	-1.947	-2.560	-0.631	3.313	7.706	10.539	10.213	6.264	-0.338
2471	24.70	-7.492	-12.741	-14.233	-11.453	-5.417	1.729	7.556	10.261	9.275	5.337
2481	24.80	0.052	-4.818	-8.011	-9.083	-8.321	-6.368	-3.821	-1.022	1.871	4.642
2491	24.90	6.805	7.625	6.408	2.938	-2.205	-7.661	-11.709	-12.954	-10.949	-6.463

Table 7-11-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-1.219	2.810	4.236	2.854	-0.286	-3.353	-4.561	-2.970	1.096	6.169
2511	25.10	10.239	11.569	9.378	4.137	-2.603	-8.764	-12.435	-12.483	-8.875	-2.665
2521	25.20	4.336	10.095	12.952	12.114	7.913	1.731	-4.418	-8.543	-9.367	-6.807
2531	25.30	-2.022	3.005	6.239	6.408	3.532	-1.086	-5.402	-7.511	-6.457	-2.650
2541	25.40	2.318	6.348	7.717	5.772	1.143	-4.564	-9.455	-12.069	-11.848	-9.195
2551	25.50	-5.160	-0.951	2.491	4.705	5.672	5.635	4.904	3.744	2.361	0.938
2561	25.60	-0.353	-1.382	-2.112	-2.611	-2.996	-3.313	-3.445	-3.116	-2.036	-0.111
2571	25.70	2.376	4.768	6.237	6.150	4.611	1.596	-1.212	-2.848	-2.583	-0.466
2581	25.80	2.658	5.503	6.901	6.319	4.085	1.216	-1.065	-1.902	-1.195	0.387
2591	25.90	1.761	1.988	0.761	-1.418	-3.455	-4.186	-2.959	-0.010	3.564	6.230
2601	26.00	6.671	4.385	-0.038	-5.104	-8.985	-10.260	-8.510	-4.491	0.163	3.631
2611	26.10	4.666	3.108	-0.047	-3.129	-4.535	-3.466	-0.285	3.648	6.606	7.298
2621	26.20	5.467	2.009	-1.460	-3.382	-3.003	-0.735	2.061	3.754	3.272	0.657
2631	26.30	-2.928	-5.755	-6.388	-4.405	-0.643	3.184	5.301	4.733	1.785	-2.100
2641	26.40	-5.027	-5.560	-3.404	0.468	4.292	6.357	5.803	2.984	-0.752	-3.748
2651	26.50	-4.830	-3.824	-1.557	0.631	1.599	0.981	-0.659	-2.151	-2.355	-0.774
2661	26.60	2.151	5.205	6.939	6.334	3.277	-1.355	-6.045	-9.234	-9.930	-8.059
2671	26.70	-4.444	-0.433	2.637	3.937	3.405	1.691	-0.159	-1.153	-0.738	1.003
2681	26.80	3.413	5.546	6.547	5.990	4.034	1.342	-1.187	-2.771	-3.038	-2.128
2691	26.90	-0.584	0.917	1.872	2.140	1.947	1.707	1.764	2.179	2.685	2.836
2701	27.00	2.247	0.838	-1.087	-2.940	-4.108	-4.220	-3.313	-1.802	-0.281	0.742
2711	27.10	1.042	0.719	0.072	-0.597	-1.153	-1.659	-2.273	-3.063	-3.883	-4.372
2721	27.20	-4.109	-2.858	-0.753	1.666	3.618	4.388	3.636	1.569	-1.121	-3.517
2731	27.30	-4.848	-4.787	-3.558	-1.812	-0.312	0.408	0.271	-0.326	-0.718	-0.297
2741	27.40	1.180	3.456	5.855	7.556	7.944	6.863	4.679	2.110	-0.096	-1.488
2751	27.50	-2.079	-2.289	-2.663	-3.526	-4.724	-5.633	-5.427	-3.523	0.024	4.383
2761	27.60	8.165	9.957	8.933	5.281	0.217	-4.454	-7.060	-6.756	-3.890	0.152
2771	27.70	3.545	4.815	3.473	0.190	-3.529	-6.036	-6.264	-4.160	-0.651	2.816
2781	27.80	4.914	4.970	3.156	0.298	-2.555	-4.579	-5.426	-5.205	-4.273	-2.990
2791	27.90	-1.586	-0.189	1.060	1.918	2.092	1.414	0.037	-1.505	-2.454	-2.176
2801	28.00	-0.519	2.005	4.379	5.514	4.795	2.438	-0.536	-2.741	-3.083	-1.314
2811	28.10	1.797	4.800	6.248	5.413	2.659	-0.707	-3.064	-3.264	-1.204	2.119
2821	28.20	5.094	6.279	5.100	2.114	-1.300	-3.640	-4.028	-2.612	-0.435	1.160
2831	28.30	1.266	-0.092	-1.967	-3.003	-2.182	0.578	4.299	7.351	8.226	6.264
2841	28.40	2.009	-3.014	-6.964	-8.492	-7.298	-4.192	-0.664	1.823	2.450	1.314
2851	28.50	-0.757	-2.687	-3.686	-3.550	-2.630	-1.517	-0.672	-0.205	0.094	0.500
2861	28.60	1.071	1.520	1.337	0.104	-2.174	-4.929	-7.188	-7.984	-6.817	-3.951
2871	28.70	-0.355	2.676	4.077	3.478	1.352	-1.204	-2.969	-3.139	-1.659	0.788
2881	28.80	3.128	4.388	4.115	2.541	0.430	-1.298	-1.975	-1.447	-0.096	1.381
2891	28.90	2.297	2.266	1.334	-0.080	-1.389	-2.089	-1.948	-1.064	0.203	1.396
2901	29.00	2.137	2.260	1.854	1.202	0.643	0.422	0.564	0.853	0.920	0.426
2911	29.10	-0.736	-2.314	-3.722	-4.245	-3.351	-0.999	2.232	5.273	6.947	6.661
2921	29.20	3.802	-0.172	-4.013	-6.257	-6.043	-3.514	0.227	3.584	5.180	4.494
2931	29.30	2.106	-0.568	-1.953	-1.086	1.877	5.678	8.507	8.844	6.196	1.387
2941	29.40	-3.763	-7.213	-7.597	-4.823	-0.102	4.600	7.424	7.397	4.783	0.865
2951	29.50	-2.714	-4.713	-4.808	-3.821	-2.297	-1.849	-2.622	-4.125	-5.317	-5.178
2961	29.60	-3.282	-0.089	3.208	5.195	4.878	2.163	-2.059	-6.248	-8.834	-8.853
2971	29.70	-6.327	-2.248	1.830	4.413	4.643	2.615	-0.686	-3.796	-5.352	-4.628
2981	29.80	-1.817	2.043	5.476	7.144	6.373	3.437	-0.531	-3.962	-5.457	-4.342
2991	29.90	-0.943	3.522	7.411	9.291	8.490	5.348	1.052	-2.851	-6.073	-5.064

Table 7-11-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-3.171	-0.421	1.963	3.074	2.661	1.147	-0.643	-1.885	-2.140	-1.478
3011	30.10	-0.389	0.514	0.795	0.381	-0.446	-1.232	-1.586	-1.359	-0.681	0.132
3021	30.20	0.738	0.908	0.586	-0.145	-1.120	-2.155	-3.044	-3.552	-3.416	-2.418
3031	30.30	-0.515	2.027	4.598	6.364	6.547	4.771	1.313	-2.876	-6.430	-8.056
3041	30.40	-7.043	-3.581	1.254	5.888	8.839	9.280	7.332	3.967	0.571	-1.642
3051	30.50	-2.089	-0.978	0.888	2.541	3.292	2.988	1.970	0.805	-0.061	-0.518
3061	30.60	-0.780	-1.176	-1.867	-2.680	-3.154	-2.791	-1.371	0.851	3.185	4.774
3071	30.70	4.974	3.646	1.216	-1.517	-3.732	-4.908	-4.964	-4.176	-2.942	-1.555
3081	30.80	-0.115	1.377	2.836	3.973	4.338	3.551	1.587	-1.072	-3.548	-4.930
3091	30.90	-4.732	-3.186	-1.179	0.166	0.094	-1.327	-3.160	-4.048	-2.946	0.211
3101	31.00	6.311	7.473	7.936	4.998	-0.481	-6.310	-9.901	-9.479	-5.003	1.677
3111	31.10	7.567	9.850	7.199	0.440	-7.754	-14.016	-15.768	-12.351	-5.279	2.486
3121	31.20	7.874	9.054	6.153	1.057	-3.569	-5.554	-4.179	-0.393	3.751	6.151
3131	31.30	5.653	2.547	-1.632	-4.873	-5.618	-3.426	0.894	5.695	9.217	10.270
3141	31.40	8.619	4.939	0.458	-3.528	-6.055	-6.683	-5.492	-2.943	0.280	3.422
3151	31.50	5.780	6.830	6.349	4.505	1.638	-0.885	-2.931	-3.863	-3.698	-2.860
3161	31.60	-1.946	-1.419	-1.371	-1.506	-1.340	-0.530	0.856	2.288	2.999	2.377
3171	31.70	0.337	-2.539	-5.196	-6.553	-6.006	-3.733	-0.643	2.022	3.247	2.696
3181	31.80	0.845	-1.280	-2.604	-2.528	-1.188	0.638	1.943	1.994	0.693	-1.392
3191	31.90	-3.299	-4.133	-3.456	-1.458	1.169	3.562	5.039	5.331	4.602	3.286
3201	32.00	1.875	0.741	0.079	-0.063	0.276	0.999	1.933	2.812	3.303	3.114
3211	32.10	2.140	0.572	-1.117	-2.336	-2.626	-1.888	-0.450	1.064	2.021	2.073
3221	32.20	1.316	0.225	-0.602	-0.760	-0.233	0.617	1.276	1.378	0.916	0.247
3231	32.30	-0.126	0.138	0.993	1.987	2.486	2.005	0.491	-1.613	-3.561	-4.647
3241	32.40	-4.534	-3.394	-1.795	-0.402	0.347	0.417	0.128	-0.072	0.116	0.676
3251	32.50	1.311	1.636	1.422	0.731	-0.115	-0.736	-0.915	-0.736	-0.535	-0.695
3261	32.60	-1.401	-2.489	-3.483	-3.815	-3.104	-1.371	0.931	3.088	4.402	4.468
3271	32.70	3.309	1.334	-0.838	-2.606	-3.562	-3.567	-2.723	-1.299	0.358	1.874
3281	32.80	2.896	3.144	2.477	0.971	-1.053	-3.072	-4.492	-4.835	-3.906	-1.885
3291	32.90	0.716	3.201	4.903	5.383	4.550	2.676	0.312	-1.861	-3.209	-3.311
3301	33.00	-2.081	0.187	2.872	5.184	6.401	6.115	4.400	1.814	-0.781	-2.536
3311	33.10	-2.947	-2.059	-0.439	1.070	1.727	1.221	-0.205	-1.880	-3.043	-3.199
3321	33.20	-2.346	-0.943	0.346	0.994	0.865	0.245	-0.366	-0.567	-0.306	0.079
3331	33.30	0.063	-0.737	-2.288	-4.077	-5.327	-5.375	-4.032	-1.717	0.706	2.330
3341	33.40	2.638	1.748	0.331	-0.743	-0.874	-0.057	1.114	1.755	1.176	-0.719
3351	33.50	-3.332	-5.618	-6.581	-5.760	-3.460	-0.622	1.621	2.469	1.801	0.191
3361	33.60	-1.418	-2.193	-1.809	-0.549	0.905	1.883	2.099	1.783	1.513	1.838
3371	33.70	2.918	4.375	5.463	5.459	4.081	1.689	-0.842	-2.522	-2.738	-1.556
3381	33.80	0.311	1.861	2.321	1.536	0.042	-1.228	-1.461	-0.416	1.417	3.043
3391	33.90	3.486	2.318	-0.068	-2.604	-4.052	-3.631	-1.434	1.561	3.927	4.461
3401	34.00	2.766	-0.532	-4.050	-6.273	-6.235	-3.951	-0.388	2.992	4.891	4.723
3411	34.10	2.813	0.168	-2.033	-2.976	-2.522	-1.166	0.286	1.148	1.155	0.509
3421	34.20	-0.324	-0.913	-1.102	-1.036	-0.997	-1.165	-1.439	-1.468	-0.847	0.595
3431	34.30	2.611	4.557	5.643	5.299	3.476	0.731	-1.968	-3.627	-3.642	-2.051
3441	34.40	0.479	2.937	4.375	4.278	2.741	0.395	-1.869	-3.250	-3.325	-2.168
3451	34.50	-0.282	1.613	2.844	3.008	2.091	0.450	-1.315	-2.570	-2.860	-2.070
3461	34.60	-0.465	1.390	2.842	3.391	2.892	1.618	0.146	-0.893	-1.102	-0.503
3471	34.70	0.457	1.116	0.919	-0.294	-2.170	-3.978	-4.927	-4.543	-2.899	-0.606
3481	34.80	1.461	2.550	2.377	1.230	-0.192	-1.141	-1.185	-0.412	0.642	1.291
3491	34.90	1.073	-0.001	-1.454	-2.592	-2.878	-2.224	-1.051	-0.070	0.102	-0.705

Table 7-11-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-2.077	-3.191	-3.212	-1.740	0.922	3.839	5.812	5.916	3.941	0.534
3511	35.10	-3.039	-5.413	-5.710	-3.916	-0.900	1.964	3.302	2.702	0.195	-3.061
3521	35.20	-5.644	-6.398	-4.920	-1.727	1.970	4.779	5.703	4.533	1.894	-1.062
3531	35.30	-3.165	-3.713	-2.727	-0.858	0.968	2.008	2.030	1.370	0.697	0.611
3541	35.40	1.292	2.377	3.138	2.871	1.314	-1.134	-3.511	-4.688	-3.893	-1.104
3551	35.50	2.858	6.621	8.805	8.588	6.044	2.110	-1.815	-4.438	-5.083	-3.911
3561	35.60	-1.773	0.211	1.158	0.781	-0.544	-2.001	-2.742	-2.273	-0.656	1.543
3571	35.70	3.519	4.573	4.378	3.074	1.163	-0.718	-2.044	-2.559	-2.298	-1.498
3581	35.80	-0.456	0.595	1.526	2.289	2.848	3.130	3.026	2.452	1.433	0.158
3591	35.90	-1.045	-1.811	-1.894	-1.299	-0.331	0.497	0.668	-0.104	-1.699	-3.579
3601	36.00	-4.963	-5.140	-3.784	-1.145	1.989	4.571	5.692	4.956	2.645	-0.388
3611	36.10	-3.066	-4.523	-4.438	-3.121	-1.329	0.105	0.640	0.229	-0.729	-1.653
3621	36.20	-2.098	-1.972	-1.539	-1.214	-1.282	-1.693	-2.060	-1.876	-0.830	0.952
3631	36.30	2.866	4.066	3.839	1.983	-1.037	-4.219	-6.410	-6.779	-5.157	-2.105
3641	36.40	1.324	4.020	5.248	4.900	3.460	1.731	0.446	-0.039	0.149	0.526
3651	36.50	0.544	-0.106	-1.314	-2.584	-3.256	-2.815	-1.156	1.323	3.850	5.570
3661	36.60	5.898	4.773	2.704	0.565	-0.770	-0.827	0.238	1.672	2.444	1.735
3671	36.70	-0.628	-3.991	-7.071	-8.472	-7.325	-3.752	1.071	5.330	7.319	6.204
3681	36.80	2.444	-2.334	-5.999	-6.844	-4.361	0.492	5.676	8.952	8.875	5.444
3691	36.90	0.108	-4.881	-7.469	-6.708	-3.147	1.467	5.014	5.977	4.099	0.436
3701	37.00	-3.207	-5.159	-4.668	-2.214	0.783	2.695	2.499	0.271	-2.859	-5.258
3711	37.10	-5.576	-3.386	0.613	4.908	7.846	8.339	6.298	2.613	-1.285	-4.050
3721	37.20	-4.957	-4.115	-2.300	-0.529	0.428	0.346	-0.422	-1.198	-1.344	-0.575
3731	37.30	0.921	2.591	3.783	4.036	3.261	1.750	0.017	-1.426	-2.268	-2.475
3741	37.40	-2.244	-1.859	-1.541	-1.364	-1.259	-1.102	-0.820	-0.449	-0.115	0.047
3751	37.50	-0.006	-0.175	-0.253	-0.041	0.525	1.290	1.916	2.026	1.401	0.125
3761	37.60	-1.388	-2.541	-2.804	-1.964	-0.261	1.690	3.142	3.546	2.801	1.310
3771	37.70	-0.197	-0.996	-0.712	0.505	2.043	3.115	3.130	1.984	0.111	-1.709
3781	37.80	-2.712	-2.498	-1.204	0.572	2.065	2.692	2.301	1.202	-0.035	-0.882
3791	37.90	-1.109	-0.865	-0.544	-0.523	-0.925	-1.527	-1.890	-1.616	-0.618	0.781
3801	38.00	1.962	2.314	1.572	0.002	-1.667	-2.557	-2.067	-0.198	2.390	4.628
3811	38.10	5.503	4.518	1.932	-1.335	-4.104	-5.450	-5.102	-3.534	-1.709	-0.600
3821	38.20	-0.716	-1.871	-3.288	-4.002	-3.357	-1.356	1.310	3.568	4.467	3.626
3831	38.30	1.428	-1.153	-3.000	-3.358	-2.173	-0.085	1.896	2.886	2.539	1.191
3841	38.40	-0.339	-1.185	-0.883	0.385	1.876	2.665	2.123	0.257	-2.249	-4.328
3851	38.50	-5.024	-3.937	-1.433	1.510	3.731	4.391	3.332	1.127	-1.206	-2.660
3861	38.60	-2.672	-1.341	0.671	2.466	3.319	2.971	1.688	0.086	-1.182	-1.712
3871	38.70	-1.489	-0.837	-0.217	-0.000	-0.307	-0.981	-1.691	-2.084	-1.928	-1.183
3881	38.80	0.003	1.351	2.533	3.241	3.250	2.477	1.026	-0.797	-2.525	-3.656
3891	38.90	-3.816	-2.923	-1.263	0.582	1.945	2.345	1.708	0.431	-0.776	-1.193
3901	39.00	-0.429	1.371	3.550	5.199	5.541	4.277	1.733	-1.263	-3.712	-4.847
3911	39.10	-4.419	-2.766	-0.628	1.183	2.112	2.040	1.268	0.320	-0.319	-0.401
3921	39.20	0.018	0.662	1.196	1.378	1.145	0.586	-0.134	-0.862	-1.497	-1.980
3931	39.30	-2.253	-2.234	-1.843	-1.056	0.027	1.163	2.029	2.336	1.965	1.037
3941	39.40	-0.110	-1.053	-1.457	-1.226	-0.539	0.231	0.694	0.629	0.092	-0.610
3951	39.50	-1.069	-0.975	-0.284	0.750	1.679	2.068	1.702	0.704	-0.511	-1.410
3961	39.60	-1.584	-0.945	0.223	1.369	1.910	1.487	0.127	-1.741	-3.451	-4.351
3971	39.70	-4.056	-2.603	-0.440	1.735	3.220	3.552	2.665	0.898	-1.122	-2.696
3981	39.80	-3.291	-2.718	-1.191	0.741	2.386	3.155	2.774	1.393	-0.462	-2.090
3991	39.90	-2.882	-2.569	-1.331	0.286	1.603	2.115	1.709	0.707	-0.308	-0.798

Table 7-11-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.555	0.172	0.787	0.659	-0.520	-2.511	-4.573	-5.758	-5.356	-3.251
4011	40.10	-0.028	3.248	5.481	6.021	4.935	2.947	1.076	0.142	0.386	1.385
4021	40.20	2.298	2.322	1.118	-0.992	-3.161	-4.422	-4.147	-2.356	0.279	2.741
4031	40.30	4.116	3.986	2.582	0.640	-0.955	-1.571	-1.080	0.127	1.361	1.962
4041	40.40	1.594	0.365	-1.248	-2.620	-3.248	-2.936	-1.844	-0.396	0.911	1.691
4051	40.50	1.803	1.364	0.678	0.086	-0.170	-0.065	0.305	0.608	0.611	0.216
4061	40.60	-0.456	-1.092	-1.328	-0.916	0.129	1.500	2.699	3.246	2.900	1.785
4071	40.70	0.356	-0.800	-1.237	-0.868	-0.034	0.651	0.588	-0.494	-2.367	-4.355
4081	40.80	-5.608	-5.476	-3.820	-1.111	1.737	3.730	4.203	3.088	0.943	-1.300
4091	40.90	-2.715	-2.772	-1.527	0.424	2.219	3.105	2.736	1.295	-0.620	-2.273
4101	41.00	-3.101	-2.935	-2.029	-0.903	-0.086	0.136	-0.165	-0.612	-0.728	-0.186
4111	41.10	1.007	2.483	3.654	3.967	3.150	1.348	-0.920	-2.963	-4.189	-4.330
4121	41.20	-3.519	-2.200	-0.911	-0.043	0.300	0.303	0.299	0.564	1.163	1.908
4131	41.30	2.458	2.499	1.905	0.814	-0.439	-1.467	-2.006	-2.008	-1.626	-1.103
4141	41.40	-0.625	-0.238	0.145	0.647	1.295	1.949	2.339	2.189	1.392	0.116
4151	41.50	-1.221	-2.103	-2.151	-1.316	0.063	1.379	2.016	1.630	0.322	-1.382
4161	41.60	-2.748	-3.153	-2.367	-0.669	1.272	2.682	3.031	2.265	0.834	-0.515
4171	41.70	-1.077	-0.516	0.975	2.752	3.998	4.095	2.898	0.813	-1.375	-2.835
4181	41.80	-3.039	-1.981	-0.167	1.620	2.653	2.570	1.498	-0.027	-1.323	-1.865
4191	41.90	-1.512	-0.542	0.499	1.051	0.805	-0.175	-1.489	-2.588	-3.023	-2.632
4201	42.00	-1.589	-0.308	0.758	1.318	1.346	1.060	0.769	0.688	0.807	0.836
4211	42.10	0.579	-0.353	-1.866	-3.573	-4.853	-5.095	-3.984	-1.678	1.188	3.721
4221	42.20	5.116	4.983	3.523	1.454	-0.294	-0.970	-0.335	1.247	2.976	3.989
4231	42.30	3.763	2.354	0.371	-1.313	-1.981	-1.411	0.015	1.498	2.213	1.713
4241	42.40	0.162	-1.737	-3.076	-3.181	-1.950	0.073	1.943	2.744	2.023	0.017
4251	42.50	-2.453	-4.325	-4.774	-3.565	-1.147	1.558	3.560	4.213	3.456	1.780
4261	42.60	-0.037	-1.298	-1.680	-1.327	-0.727	-0.429	-0.770	-1.711	-2.874	-3.730
4271	42.70	-3.854	-3.121	-1.749	-0.200	1.029	1.609	1.500	0.936	0.299	-0.059
4281	42.80	0.035	0.518	1.136	1.565	1.554	1.028	0.109	-0.939	-1.821	-2.329
4291	42.90	-2.407	-2.157	-1.775	-1.448	-1.265	-1.178	-1.032	-0.659	0.011	0.872
4301	43.00	1.653	2.007	1.675	0.632	-0.848	-2.247	-2.995	-2.706	-1.370	0.593
4311	43.10	2.465	3.508	3.268	1.789	-0.380	-2.395	-3.460	-3.158	-1.623	0.523
4321	43.20	2.449	3.475	3.355	2.356	1.095	0.226	0.127	0.729	1.583	2.104
4331	43.30	1.884	0.905	-0.440	-1.536	-1.847	-1.168	0.271	1.911	3.118	3.451
4341	43.40	2.838	1.567	0.135	-0.982	-1.510	-1.441	-0.971	-0.368	0.166	0.550
4351	43.50	0.808	0.994	1.121	1.136	0.958	0.541	-0.072	-0.734	-1.240	-1.396
4361	43.60	-1.096	-0.363	0.650	1.697	2.499	2.813	2.499	1.576	0.242	-1.156
4371	43.70	-2.209	-2.577	-2.126	-1.011	0.356	1.434	1.769	1.179	-0.158	-1.771
4381	43.80	-3.093	-3.697	-3.457	-2.574	-1.435	-0.410	0.317	0.791	1.182	1.609
4391	43.90	2.016	2.170	1.813	0.877	-0.385	-1.440	-1.708	-0.890	0.798	2.632
4401	44.00	3.661	3.153	1.003	-2.133	-5.062	-6.564	-5.956	-3.440	-0.046	2.820
4411	44.10	4.015	3.183	0.914	-1.558	-2.958	-2.595	-0.697	1.717	3.351	3.289
4421	44.20	1.468	-1.275	-3.603	-4.339	-3.050	-0.289	2.653	4.348	3.916	1.456
4431	44.30	-1.979	-4.853	-5.844	-4.443	-1.180	2.629	5.471	6.310	5.009	2.339
4441	44.40	-0.425	-2.115	-2.193	-0.948	0.714	1.758	1.554	0.181	-1.639	-2.931
4451	44.50	-2.984	-1.732	0.194	1.777	2.124	0.944	-1.282	-3.493	-4.556	-3.810
4461	44.60	-1.419	1.684	4.201	5.070	3.954	1.397	-1.432	-3.277	-3.367	-1.750
4471	44.70	0.769	3.029	4.041	3.521	1.802	-0.203	-1.564	-1.750	-0.868	0.535
4481	44.80	1.613	1.815	1.045	-0.328	-1.693	-2.528	-2.637	-2.197	-1.598	-1.192
4491	44.90	-1.095	-1.152	-1.060	-0.590	0.246	1.176	1.804	1.827	1.214	0.234

Table 7-11-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.670	-1.104	-0.920	-0.275	0.468	0.944	0.981	0.670	0.291	0.126
4511	45.10	0.280	0.602	0.778	0.522	-0.229	-1.226	-2.006	-2.117	-1.365	0.040
4521	45.20	1.548	2.497	2.431	1.324	-0.383	-1.970	-2.765	-2.451	-1.213	0.350
4531	45.30	1.514	1.766	1.044	-0.242	-1.410	-1.833	-1.237	0.173	1.818	3.015
4541	45.40	3.294	2.609	1.336	0.088	-0.588	-0.462	0.282	1.141	1.552	1.158
4551	45.50	-0.009	-1.537	-2.806	-3.263	-2.660	-1.165	0.703	2.273	2.990	2.612
4561	45.60	1.299	-0.465	-2.054	-2.926	-2.803	-1.747	-0.125	1.536	2.726	3.120
4571	45.70	2.659	1.553	0.185	-1.032	-1.793	-1.989	-1.711	-1.181	-0.639	-0.236
4581	45.80	0.012	0.197	0.435	0.768	1.111	1.268	1.030	0.294	-0.849	-2.104
4591	45.90	-3.069	-3.384	-2.882	-1.669	-0.091	1.394	2.385	2.683	2.337	1.599
4601	46.00	0.802	0.226	0.003	0.104	0.382	0.655	0.779	0.682	0.372	-0.090
4611	46.10	-0.608	-1.069	-1.357	-1.382	-1.105	-0.579	0.042	0.536	0.690	0.389
4621	46.20	-0.316	-1.199	-1.940	-2.246	-1.981	-1.224	-0.239	0.638	1.142	1.193
4631	46.30	0.904	0.512	0.241	0.190	0.294	0.379	0.276	-0.064	-0.524	-0.874
4641	46.40	-0.891	-0.495	0.188	0.866	1.210	1.021	0.344	-0.533	-1.197	-1.289
4651	46.50	-0.682	0.456	1.715	2.619	2.820	2.250	1.142	-0.076	-0.964	-1.252
4661	46.60	-0.944	-0.296	0.312	0.548	0.273	-0.411	-1.216	-1.805	-1.940	-1.577
4671	46.70	-0.877	-0.118	0.429	0.619	0.486	0.208	0.021	0.098	0.476	1.041
4681	46.80	1.589	1.914	1.903	1.572	1.046	0.495	0.055	-0.219	-0.354	-0.420
4691	46.90	-0.480	-0.551	-0.609	-0.629	-0.617	-0.636	-0.771	-1.073	-1.499	-1.898
4701	47.00	-2.050	-1.765	-0.988	0.144	1.332	2.221	2.557	2.307	1.683	1.056
4711	47.10	0.786	1.044	1.723	2.474	2.867	2.594	1.631	0.272	-0.996	-1.703
4721	47.20	-1.612	-0.829	0.240	1.075	1.280	0.766	-0.213	-1.179	-1.660	-1.411
4731	47.30	-0.536	0.554	1.326	1.367	0.576	-0.782	-2.184	-3.062	-3.047	-2.119
4741	47.40	-0.617	0.893	1.863	1.878	0.987	-0.504	-2.061	-3.136	-3.362	-2.660
4751	47.50	-1.246	0.463	2.001	3.000	3.283	2.884	1.991	0.860	-0.267	-1.217
4761	47.60	-1.885	-2.216	-2.179	-1.764	-1.009	-0.030	0.961	1.691	1.905	1.473
4771	47.70	0.462	-0.846	-2.042	-2.732	-2.694	-1.975	-0.877	0.164	0.759	0.728
4781	47.80	0.164	-0.625	-1.266	-1.498	-1.277	-0.776	-0.270	0.019	0.037	-0.081
4791	47.90	-0.104	0.145	0.669	1.270	1.640	1.518	0.844	-0.183	-1.178	-1.738
4801	48.00	-1.631	-0.904	0.134	1.054	1.506	1.373	0.807	0.148	-0.262	-0.240
4811	48.10	0.151	0.644	0.910	0.726	0.088	-0.784	-1.548	-1.907	-1.738	-1.151
4821	48.20	-0.433	0.090	0.203	-0.108	-0.649	-1.117	-1.238	-0.897	-0.190	0.621
4831	48.30	1.223	1.398	1.118	0.566	0.049	-0.136	0.154	0.839	1.645	2.225
4841	48.40	2.316	1.865	1.056	0.226	-0.294	-0.336	0.022	0.501	0.766	0.608
4851	48.50	0.060	-0.599	-0.991	-0.829	-0.097	0.917	1.735	1.909	1.256	-0.038
4861	48.60	-1.473	-2.458	-2.575	-1.778	-0.407	0.968	1.816	1.876	1.252	0.328
4871	48.70	-0.453	-0.821	-0.792	-0.625	-0.632	-0.962	-1.479	-1.810	-1.544	-0.681
4881	48.80	1.198	2.956	4.099	4.085	2.788	0.594	-1.737	-3.362	-3.698	-2.654
4891	48.90	-0.658	1.527	3.105	3.546	2.763	1.101	-0.824	-2.372	-3.096	-2.869
4901	49.00	-1.882	-0.547	0.661	1.357	1.352	0.699	-0.332	-1.344	-1.937	-1.843
4911	49.10	-1.029	0.273	1.631	2.556	2.689	1.944	0.562	-0.972	-2.110	-2.459
4921	49.20	-1.932	-0.781	0.526	1.502	1.848	1.556	0.877	0.176	-0.260	-0.348
4931	49.30	-0.227	-0.142	-0.290	-0.677	-1.104	-1.261	-0.900	0.007	1.216	2.295
4941	49.40	2.809	2.529	1.544	0.238	-0.875	-1.378	-1.128	-0.318	0.626	1.243
4951	49.50	1.251	0.667	-0.209	-0.946	-1.183	-0.794	0.062	1.019	1.676	1.766
4961	49.60	1.265	0.381	-0.556	-1.244	-1.529	-1.448	-1.171	-0.893	-0.726	-0.645
4971	49.70	-0.517	-0.190	0.394	1.138	1.803	2.090	1.781	0.845	-0.512	-1.898
4981	49.80	-2.874	-3.116	-2.545	-1.371	-0.021	1.013	1.359	0.903	-0.170	-1.448
4991	49.90	-2.452	-2.817	-2.424	-1.628	-0.184	0.898	1.509	1.542	4.097	0.413

Table 7-11-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.249	-0.704	-0.895	-0.863	-0.692	-0.439	-0.109	0.321	0.851	1.411
5011	50.10	1.853	1.999	1.732	1.066	0.177	-0.649	-1.120	-1.062	-0.497	0.355
5021	50.20	1.163	1.617	1.557	1.024	0.240	-9.504	-0.970	-1.071	-0.893	-0.633
5031	50.30	-0.494	-0.581	-0.856	-1.161	-1.301	-1.150	-0.717	-0.149	0.336	0.548
5041	50.40	0.416	0.029	-0.403	-0.633	-0.496	0.025	0.776	1.493	1.900	1.821
5051	50.50	1.243	0.327	-0.655	-1.407	-1.713	-1.496	-0.839	0.055	0.929	1.550
5061	50.60	1.774	1.582	1.079	0.458	-0.065	-0.314	-0.221	0.152	0.628	0.979
5071	50.70	1.012	0.649	-0.035	-0.836	-1.504	-1.845	-1.809	-1.500	-1.123	-0.875
5081	50.80	-0.837	-0.933	-0.964	-0.729	-0.145	0.673	1.445	1.844	1.664	0.934
5091	50.90	-0.066	-0.927	-1.297	-1.053	-0.366	0.382	0.791	0.650	0.054	-0.637
5101	51.00	-0.982	-0.690	0.205	1.339	2.173	2.250	1.425	-0.048	-1.613	-2.654
5111	51.10	-2.766	-1.924	-0.486	0.984	1.960	2.173	1.687	0.834	0.031	-0.407
5121	51.20	-0.381	-0.604	0.489	0.872	1.016	0.911	0.624	0.243	-0.170	-0.569
5131	51.30	-0.905	-1.101	-1.062	-0.725	-0.110	0.649	1.340	1.741	1.723	1.300
5141	51.40	0.632	-0.044	-0.513	-0.657	-0.490	-0.120	0.307	0.667	0.886	0.926
5151	51.50	0.768	0.397	-0.167	-0.846	-1.480	-1.860	-1.810	-1.279	-0.407	0.496
5161	51.60	1.066	1.039	0.390	-0.631	-1.596	-2.082	-1.869	-1.045	0.026	0.880
5171	51.70	1.178	0.870	0.226	-0.305	-0.320	0.319	1.402	2.453	2.952	2.584
5181	51.80	1.407	-0.166	-1.540	-2.204	-1.959	-1.008	0.148	0.931	0.953	0.183
5191	51.90	-1.040	-2.167	-2.675	-2.301	-1.147	0.363	1.660	2.263	1.962	0.892
5201	52.00	-0.533	-1.790	-2.449	-2.323	-1.523	-0.396	0.623	1.179	1.125	0.566
5211	52.10	-0.198	-0.803	-0.962	-0.585	0.199	1.094	1.766	1.972	1.653	0.943
5221	52.20	0.101	-0.606	-1.014	-1.114	-1.024	-0.910	-0.879	-0.922	-0.921	-0.725
5231	52.30	-0.253	0.435	1.135	1.580	1.556	1.014	0.099	-0.899	-1.672	-2.020
5241	52.40	-1.928	-1.551	-1.120	-0.814	-0.681	-0.621	-0.475	-0.130	0.388	0.907
5251	52.50	1.195	1.087	0.593	-0.071	-0.574	-0.620	-0.103	0.821	1.782	2.355
5261	52.60	2.255	1.470	0.282	-0.851	-1.491	-1.407	-0.671	0.389	1.334	1.813
5271	52.70	1.702	1.141	0.445	-0.048	-0.131	0.183	0.687	1.078	1.101	0.656
5281	52.80	-0.169	-1.138	-1.969	-2.429	-2.412	-1.949	-1.170	-0.251	0.646	1.401
5291	52.90	1.940	2.223	2.233	1.973	1.476	0.824	0.141	-0.425	-0.743	-0.753
5301	53.00	-0.488	-0.980	0.295	0.481	0.413	0.152	-0.141	-0.278	-0.140	0.247
5311	53.10	0.704	0.971	0.829	0.223	-0.677	-1.520	-1.916	-1.612	-0.630	0.716
5321	53.20	1.928	2.533	2.289	1.300	-0.030	-1.173	-1.717	-1.543	-0.863	-0.103
5331	53.30	0.316	0.189	-0.384	-1.064	-1.462	-1.351	-0.777	-0.035	0.497	0.565
5341	53.40	0.171	-0.436	-0.905	-0.982	-0.658	-0.168	0.147	0.043	-0.468	-1.107
5351	53.50	-1.468	-1.245	-0.416	0.720	1.680	2.044	1.682	0.828	-0.031	-0.418
5361	53.60	-0.123	0.672	1.474	1.739	1.167	-0.116	-1.597	-2.620	-2.719	-1.851
5371	53.70	-0.433	0.867	1.469	1.171	0.252	-0.681	-1.010	-0.444	0.823	2.198
5381	53.80	2.984	2.738	1.505	-0.195	-1.618	-2.160	-1.655	-0.452	0.758	1.284
5391	53.90	0.778	-0.603	-2.273	-3.497	-3.766	-2.926	-1.413	0.141	1.112	1.175
5401	54.00	0.419	-0.728	-1.723	-2.150	-1.873	-1.048	-0.001	0.938	1.566	1.847
5411	54.10	1.856	1.687	1.382	0.927	0.297	-0.469	-1.238	-1.806	-1.981	-1.672
5421	54.20	-0.944	-0.001	0.890	1.495	1.694	1.501	1.034	0.449	-0.115	-0.561
5431	54.30	-0.834	-0.897	-0.728	-0.332	0.231	0.831	1.291	1.446	1.216	0.653
5441	54.40	-0.043	-0.614	-0.837	-0.620	-0.049	0.654	1.233	1.508	1.450	1.180
5451	54.50	0.895	0.757	0.809	0.960	1.034	0.871	0.421	-0.227	-0.876	-1.314
5461	54.60	-1.411	-1.170	-0.720	-0.245	0.101	0.253	0.242	0.154	0.069	0.011
5471	54.70	-0.054	-0.177	-0.376	-0.607	-0.774	-0.781	-0.595	-0.276	0.037	0.191
5481	54.80	0.107	-0.174	-0.495	-0.660	-0.532	-0.119	0.418	0.823	0.873	0.485
5491	54.90	-0.225	-0.982	-1.473	-1.488	-1.017	-0.263	0.455	0.845	0.778	0.343

Table 7-11-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.200	-0.551	-0.514	-0.088	0.535	1.076	1.309	1.172	0.797	0.430
5511	55.10	0.300	0.491	0.890	1.247	1.299	0.920	0.193	-0.622	-1.212	-1.374
5521	55.20	-1.125	-0.699	-0.424	-0.542	-1.059	-1.714	-2.091	-1.824	-0.815	0.678
5531	55.30	2.106	2.861	2.555	1.224	-0.648	-2.314	-3.079	-2.611	-1.099	0.823
5541	55.40	2.348	2.857	2.193	0.726	-0.817	-1.692	-1.478	-0.262	1.411	2.801
5551	55.50	3.320	2.799	1.546	0.177	-0.690	-0.736	-0.082	0.795	1.318	1.110
5561	55.60	0.193	-1.029	-1.966	-2.149	-1.462	-0.202	1.064	1.782	1.675	0.875
5571	55.70	-0.161	-0.889	-0.957	-0.384	0.461	1.049	0.977	0.179	-1.025	-2.081
5581	55.80	-2.469	-1.965	-0.754	0.649	1.642	1.815	1.136	-0.038	-1.144	-1.680
5591	55.90	-1.434	-0.581	0.420	1.046	0.961	0.170	-0.989	-2.004	-2.422	-2.047
5601	56.00	-1.019	0.258	1.297	1.735	1.478	0.716	-0.173	-0.794	-0.900	-0.485
5611	56.10	0.234	0.922	1.278	1.162	0.647	-0.022	-0.540	-0.683	-0.408	0.132
5621	56.20	0.651	0.868	0.643	0.047	-0.647	-1.089	-1.007	-0.349	0.670	1.645
5631	56.30	2.145	1.907	0.967	-0.339	-1.502	-2.058	-1.786	-0.807	0.470	1.524
5641	56.40	1.952	1.635	0.780	-0.190	-0.837	-0.907	-0.429	0.310	0.922	1.095
5651	56.50	0.733	-0.020	-0.871	-1.518	-1.791	-1.693	-1.367	-0.986	-0.661	-0.399
5661	56.60	-0.132	0.198	0.563	0.837	0.849	0.486	-0.217	-1.062	-1.745	-1.995
5671	56.70	-1.703	-0.981	-0.130	0.490	0.620	0.216	-0.538	-1.308	-1.770	-1.738
5681	56.80	-1.240	-0.477	0.278	0.812	1.048	1.052	0.956	0.869	0.807	0.695
5691	56.90	0.428	-0.038	-0.630	-1.167	-1.434	-1.296	-0.776	-0.067	0.547	0.818
5701	57.00	0.646	0.136	-0.456	-0.842	-0.840	-0.462	0.091	0.532	0.629	0.326
5711	57.10	-0.227	-0.739	-0.921	-0.627	0.071	0.906	1.529	1.668	1.245	0.408
5721	57.20	-0.530	-1.230	-1.467	-1.211	-0.625	0.024	0.483	0.622	0.469	0.180
5731	57.30	-0.056	-0.113	0.010	0.188	0.235	-0.002	-0.559	-1.309	-2.003	-2.352
5741	57.40	-2.144	-1.347	-0.139	1.137	2.086	2.414	2.047	1.169	0.166	-0.533
5751	57.50	-0.623	-0.069	0.876	1.765	2.147	1.770	0.701	-0.689	-1.876	-2.400
5761	57.60	-2.066	-1.017	0.332	1.485	2.079	2.025	1.513	0.887	0.461	0.365
5771	57.70	0.508	0.662	0.617	0.316	-0.100	-0.371	-0.274	0.236	0.979	1.624
5781	57.80	1.864	1.576	0.905	0.199	-0.160	0.040	0.727	1.564	2.111	2.040
5791	57.90	1.302	0.159	-0.935	-1.545	-1.454	-0.759	0.189	0.949	1.198	0.859
5801	58.00	0.115	-0.692	-1.231	-1.318	-0.977	-0.391	0.193	0.580	0.687	0.540
5811	58.10	0.234	-0.130	-0.480	-0.773	-0.976	-1.056	-0.981	-0.745	-0.396	-0.029
5821	58.20	0.237	0.316	0.200	-0.022	-0.203	-0.196	0.074	0.568	1.145	1.613
5831	58.30	1.805	1.644	1.170	0.522	-0.112	-0.560	-0.718	-0.577	-0.222	0.197
5841	58.40	0.512	0.589	0.377	-0.069	-0.597	-1.005	-1.117	-0.860	-0.303	0.352
5851	58.50	0.853	0.999	0.732	0.175	-0.424	-0.801	-0.800	-0.451	0.045	0.412
5861	58.60	0.438	0.078	-0.519	-1.087	-1.376	-1.276	-0.870	-0.383	-0.065	-0.054
5871	58.70	-0.316	-0.669	-0.894	-0.859	-0.593	-0.271	-0.108	-0.227	-0.582	-0.969
5881	58.80	-1.126	-0.884	-0.264	0.516	1.140	1.343	1.043	0.380	-0.354	-0.863
5891	58.90	-0.978	-0.731	-0.315	0.032	0.154	0.053	-0.130	-0.212	-0.080	0.239
5901	59.00	0.593	0.796	0.728	0.410	-0.018	-0.373	-0.539	-0.530	-0.479	-0.552
5911	59.10	-0.835	-1.264	-1.642	-1.731	-1.384	-0.642	0.264	1.003	1.295	1.041
5921	59.20	0.371	-0.409	-0.958	-1.049	-0.662	0.021	0.710	1.137	1.165	0.824
5931	59.30	0.265	-0.322	-0.793	-1.090	-1.225	-1.233	-1.132	-0.914	-0.575	-0.156
5941	59.40	0.241	0.474	0.431	0.099	-0.402	-0.849	-1.013	-0.766	-0.160	0.580
5951	59.50	1.145	1.285	0.930	0.235	-0.483	-0.889	-0.787	-0.220	0.541	1.119
5961	59.60	1.203	0.701	-0.210	-1.152	-1.714	-1.630	-0.900	0.211	1.283	1.923
5971	59.70	1.918	1.316	0.386	-0.510	-1.068	-1.152	-0.823	-0.278	0.256	0.618
5981	59.80	0.759	0.728	0.616	0.495	0.397	0.320	0.268	0.273	0.392	0.666
5991	59.90	1.070	1.490	1.748	1.680	1.221	0.464	-0.357	-0.949	-1.095	-0.750

Table 7-11-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.079	0.612	1.008	0.935	0.435	-0.242	-0.760	-0.852	-0.445	0.302
6011	60.10	1.071	1.529	1.473	0.913	0.060	-0.782	-1.345	-1.507	-1.316	-0.941
6021	60.20	-0.573	-0.335	-0.242	-0.222	-0.179	-0.057	0.131	0.318	0.431	0.438
6031	60.30	0.367	0.287	0.267	0.334	0.458	0.578	0.637	0.617	0.551	0.494
6041	60.40	0.494	0.552	0.624	0.644	0.560	0.365	0.100	-0.173	-0.403	-0.573
6051	60.50	-0.700	-0.808	-0.896	-0.928	-0.852	-0.639	-0.322	0.002	0.202	0.182
6061	60.60	-0.061	-0.412	-0.682	-0.692	-0.370	0.199	0.797	1.166	1.121	0.659
6071	60.70	-0.046	-0.712	-1.079	-1.028	-0.634	-0.125	0.235	0.275	-0.002	-0.429
6081	60.80	-0.768	-0.839	-0.614	-0.229	0.086	0.133	-0.148	-0.645	-1.129	-1.367
6091	60.90	-1.248	-0.830	-0.318	0.047	0.110	-0.118	-0.465	-0.690	-0.599	-0.152
6101	61.00	0.522	1.182	1.590	1.620	1.305	0.807	0.326	0.003	-0.139	-0.179
6111	61.10	-0.229	-0.348	-0.497	-0.560	-0.418	-0.033	0.495	0.964	1.153	0.946
6121	61.20	0.405	-0.235	-0.661	-0.633	-0.103	0.739	1.541	1.933	1.699	0.877
6131	61.30	-0.252	-1.278	-1.838	-1.758	-1.116	-0.185	0.697	1.269	1.438	1.280
6141	61.40	0.964	0.650	0.414	0.235	0.050	-0.174	-0.397	-0.515	-0.425	-0.105
6151	61.50	0.345	0.731	0.846	0.587	0.016	-0.642	-1.090	-1.092	-0.585	0.286
6161	61.60	1.226	1.911	2.125	1.836	1.198	0.465	-0.122	-0.426	-0.447	-0.287
6171	61.70	-0.080	0.074	0.134	0.110	0.020	-0.137	-0.383	-0.722	-1.110	-1.436
6181	61.80	-1.552	-1.335	-0.762	0.058	0.903	1.512	1.691	1.389	0.726	-0.058
6191	61.90	-0.698	-1.006	-0.937	-0.589	-0.152	0.183	0.296	0.180	-0.074	-0.330
6201	62.00	-0.465	-0.420	-0.216	0.066	0.319	0.456	0.440	0.289	0.064	-0.163
6211	62.10	-0.337	-0.445	-0.514	-0.591	-0.711	-0.871	-1.018	-1.074	-0.974	-0.711
6221	62.20	-0.358	-0.050	0.074	-0.061	-0.409	-0.813	-1.059	-0.979	-0.538	0.128
6231	62.30	0.765	1.111	1.026	0.571	-0.015	-0.418	-0.407	0.042	0.724	1.292
6241	62.40	1.419	0.966	0.053	-0.986	-1.760	-1.998	-1.678	-1.019	-0.371	-0.030
6251	62.50	-0.102	-0.460	-0.833	-0.960	-0.735	-0.262	0.205	0.413	0.249	-0.185
6261	62.60	-0.627	-0.786	-0.507	0.148	0.925	1.501	1.649	1.348	0.784	0.247
6271	62.70	-0.021	0.053	0.342	0.607	0.626	0.325	-0.184	-0.664	-0.878	-0.719
6281	62.80	-0.265	0.261	0.605	0.606	0.274	-0.228	-0.673	-0.884	-0.812	-0.545
6291	62.90	-0.238	-0.017	0.083	0.128	0.222	0.425	0.685	0.845	0.714	0.176
6301	63.00	-0.729	-1.781	-2.650	-3.018	-2.713	-1.790	-0.515	0.723	1.562	1.790
6311	63.10	1.415	0.647	-0.198	-0.822	-1.049	-0.875	-0.439	0.052	0.416	0.573
6321	63.20	0.554	0.475	0.464	0.593	0.846	1.124	1.302	1.291	1.080	0.746
6331	63.30	0.409	0.174	0.075	0.058	0.011	-0.169	-0.511	-0.935	-1.273	-1.337
6341	63.40	-1.009	-0.305	0.612	1.482	2.046	2.140	1.753	1.025	0.185	-0.539
6351	63.50	-0.996	-1.145	-1.043	-0.793	-0.494	-0.204	0.058	0.288	0.472	0.574
6361	63.60	0.556	0.409	0.178	-0.038	-0.117	0.029	0.405	0.915	1.384	1.622
6371	63.70	1.509	1.040	0.340	-0.382	-0.921	-1.149	-1.071	-0.808	-0.536	-0.401
6381	63.80	-0.443	-0.581	-0.653	-0.503	-0.070	0.558	1.166	1.504	1.399	0.856
6391	63.90	0.073	-0.627	-0.932	-0.683	0.033	0.915	1.561	1.655	1.109	0.125
6401	64.00	-0.892	-1.500	-1.424	-0.684	0.410	1.389	1.833	1.561	0.708	-0.341
6411	64.10	-1.125	-1.319	-0.872	-0.016	0.848	1.342	1.278	0.729	-0.028	-0.648
6421	64.20	-0.888	-0.699	-0.229	0.272	0.583	0.614	0.428	0.188	0.055	0.105
6431	64.30	0.294	0.493	0.573	0.471	0.228	-0.034	-0.184	-0.146	0.064	0.347
6441	64.40	0.570	0.626	0.481	0.173	-0.207	-0.558	-0.801	-0.891	-0.814	-0.580
6451	64.50	-0.216	0.225	0.659	0.977	1.072	0.882	0.424	-0.187	-0.764	-1.110
6461	64.60	-1.097	-0.718	-0.103	0.526	0.935	0.970	0.614	-0.010	-0.691	-1.216
6471	64.70	-1.451	-1.384	-1.114	-0.796	-0.567	-0.492	-0.544	-0.638	-0.681	-0.626
6481	64.80	-0.496	-0.367	-0.323	-0.406	-0.586	-0.776	-0.877	-0.829	-0.646	-0.417
6491	64.90	-0.254	-0.238	-0.370	-0.566	-0.701	-0.676	-0.479	-0.196	0.022	0.038

Table 7-11-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-0.191	-0.586	-0.970	-1.149	-1.006	-0.563	0.034	0.581	0.915	0.994
6511	65.10	0.898	0.775	0.745	0.821	0.898	0.817	0.471	-0.111	-0.743	-1.158
6521	65.20	-1.138	-0.637	0.171	0.952	1.368	1.233	0.615	-0.188	-0.784	-0.874
6531	65.30	-0.392	0.461	1.315	1.811	1.762	1.235	0.498	-0.120	-0.398	-0.315
6541	65.40	-0.035	0.198	0.212	-0.005	-0.307	-0.484	-0.392	-0.046	0.381	0.654
6551	65.50	0.609	0.249	-0.247	-0.614	-0.645	-0.305	0.241	0.715	0.863	0.591
6561	65.60	0.018	-0.585	-0.934	-0.872	-0.450	0.103	0.504	0.559	0.261	-0.214
6571	65.70	-0.605	-0.703	-0.460	-0.009	0.407	0.566	0.375	-0.081	-0.593	-0.933
6581	65.80	-0.964	-0.705	-0.307	0.030	0.156	0.032	-0.260	-0.580	-0.798	-0.859
6591	65.90	-0.785	-0.648	-0.517	-0.423	-0.357	-0.299	-0.243	-0.213	-0.239	-0.319
6601	66.00	-0.392	-0.353	-0.098	0.402	1.056	1.655	1.954	1.772	1.098	0.119
6611	66.10	-0.861	-1.444	-1.481	-0.965	-0.121	0.708	1.215	1.254	0.884	0.326
6621	66.20	-0.163	-0.411	-0.401	-0.256	-0.131	-0.134	-0.235	-0.293	-0.143	0.290
6631	66.30	0.924	1.530	1.831	1.640	0.962	0.017	-0.856	-1.344	-1.304	-0.832
6641	66.40	-0.211	0.230	0.276	-0.066	-0.572	-0.921	-0.859	-0.340	0.443	1.140
6651	66.50	1.412	1.100	0.310	-0.627	-1.305	-1.429	-0.952	-0.091	0.775	1.282
6661	66.60	1.246	0.739	0.039	-0.509	-0.658	-0.359	0.232	0.855	1.280	1.415
6671	66.70	1.324	1.161	1.058	1.034	0.988	0.764	0.273	-0.418	-1.081	-1.415
6681	66.80	-1.197	-0.415	0.693	1.720	2.259	2.089	1.279	0.161	-0.817	-1.291
6691	66.90	-1.140	-0.525	0.211	0.714	0.792	0.495	0.060	-0.223	-0.182	0.150
6701	67.00	0.556	0.759	0.576	0.027	-0.675	-1.225	-1.387	-1.111	-0.563	-0.037
6711	67.10	0.193	0.006	-0.511	-1.112	-1.515	-1.540	-1.184	-0.602	-0.020	0.376
6721	67.20	0.522	0.477	0.365	0.294	0.294	0.318	0.283	0.138	-0.103	-0.363
6731	67.30	-0.553	-0.622	-0.587	-0.511	-0.463	-0.463	-0.470	-0.410	-0.237	0.022
6741	67.40	0.263	0.350	0.195	-0.178	-0.625	-0.938	-0.944	-0.597	-0.010	0.590
6751	67.50	0.964	0.976	0.651	0.160	-0.272	-0.472	-0.394	-0.129	0.164	0.346
6761	67.60	0.370	0.289	0.205	0.196	0.259	0.314	0.260	0.054	-0.247	-0.695
6771	67.70	-0.529	-0.270	0.215	0.728	1.024	0.934	0.459	-0.214	-0.793	-1.013
6781	67.80	-0.764	-0.149	0.563	1.063	1.143	0.792	0.197	-0.348	-0.585	-0.409
6791	67.90	0.088	0.664	1.045	1.046	0.648	-0.001	-0.660	-1.104	-1.211	-0.996
6801	68.00	-0.589	-0.159	0.157	0.301	0.298	0.222	0.141	0.085	0.035	-0.055
6811	68.10	-0.219	-0.450	-0.693	-0.861	-0.881	-0.725	-0.436	-0.116	0.116	0.173
6821	68.20	0.045	-0.189	-0.387	-0.405	-0.156	0.337	0.941	1.454	1.689	1.545
6831	68.30	1.060	0.397	-0.213	-0.567	-0.568	-0.263	0.181	0.549	0.668	0.479
6841	68.40	0.046	-0.473	-0.902	-1.117	-1.085	-0.864	-0.561	-0.282	-0.089	0.005
6851	68.50	0.027	0.012	-0.020	-0.068	-0.140	-0.242	-0.367	-0.499	-0.623	-0.729
6861	68.60	-0.817	-0.884	-0.917	-0.891	-0.786	-0.606	-0.391	-0.211	-0.133	-0.182
6871	68.70	-0.314	-0.429	-0.411	-0.199	0.169	0.551	0.766	0.669	0.260	-0.310
6881	68.80	-0.785	-0.916	-0.590	0.102	0.886	1.422	1.461	0.969	0.148	-0.652
6891	68.90	-1.097	-1.030	-0.539	0.085	0.504	0.498	0.081	-0.511	-0.944	-0.964
6901	69.00	-0.526	0.176	0.809	1.076	0.866	0.319	-0.245	-0.487	-0.221	0.490
6911	69.10	1.367	2.043	2.243	1.903	1.189	0.404	-0.163	-0.364	-0.236	0.045
6921	69.20	0.280	0.347	0.249	0.079	-0.054	-0.105	-0.115	-0.166	-0.313	-0.521
6931	69.30	-0.667	-0.606	-0.261	0.305	0.891	1.248	1.194	0.719	0.003	-0.662
6941	69.40	-1.004	-0.904	-0.453	0.100	0.473	0.491	0.171	-0.293	-0.637	-0.662
6951	69.50	-0.335	0.201	0.710	0.988	0.967	0.741	0.503	0.436	0.602	0.914
6961	69.60	1.182	1.217	0.939	0.426	-0.125	-0.494	-0.553	-0.324	0.032	0.302
6971	69.70	0.330	0.099	-0.266	-0.544	-0.625	-0.400	0.014	0.418	0.612	0.492
6981	69.80	0.102	-0.378	-0.718	-0.740	-0.398	0.200	0.835	1.266	1.327	0.988
6991	69.90	0.357	-0.364	-0.956	-1.269	-1.261	-1.003	-0.642	-0.336	-0.196	-0.250

Table 7-11-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.438	-0.659	-0.772	-0.733	-0.535	-0.245	0.031	0.198	0.206	0.069
7011	70.10	-0.149	-0.366	-0.521	-0.596	-0.615	-0.621	-0.643	-0.676	-0.682	-0.612
7021	70.20	-0.445	-0.209	0.019	0.146	0.109	-0.081	-0.337	-0.521	-0.506	-0.240
7031	70.30	0.223	0.735	1.110	1.204	0.980	0.525	0.017	-0.352	-0.460	-0.304
7041	70.40	0.001	0.283	0.390	0.267	-0.018	-0.309	-0.431	-0.280	0.126	0.648
7051	70.50	1.085	1.258	1.091	0.645	0.095	-0.346	-0.517	-0.376	-0.016	0.382
7061	70.60	0.624	0.595	0.304	-0.123	-0.498	-0.656	-0.529	-0.175	0.241	0.523
7071	70.70	0.521	0.196	-0.364	-0.976	-1.435	-1.588	-1.390	-0.914	-0.314	0.229
7081	70.80	0.573	0.657	0.505	0.205	-0.133	-0.419	-0.606	-0.691	-0.694	-0.642
7091	70.90	-0.544	-0.396	-0.186	0.083	0.387	0.674	0.886	0.977	0.937	0.801
7101	71.00	0.637	0.519	0.500	0.587	0.740	0.887	0.956	0.906	0.745	0.520
7111	71.10	0.298	0.129	0.031	-0.019	-0.063	-0.137	-0.245	-0.355	-0.414	-0.379
7121	71.20	-0.244	-0.050	0.127	0.213	0.171	0.018	-0.175	-0.320	-0.349	-0.244
7131	71.30	-0.048	0.160	0.295	0.304	0.184	-0.030	-0.279	-0.511	-0.690	-0.797
7141	71.40	-0.818	-0.738	-0.540	-0.225	0.174	0.583	0.899	1.030	0.927	0.612
7151	71.50	0.174	-0.265	-0.599	-0.777	-0.817	-0.782	-0.743	-0.736	-0.743	-0.708
7161	71.60	-0.578	-0.336	-0.028	0.261	0.437	0.450	0.310	0.083	-0.147	-0.321
7171	71.70	-0.428	-0.505	-0.599	-0.731	-0.871	-0.949	-0.889	-0.659	-0.290	0.119
7181	71.80	0.451	0.612	0.575	0.385	0.126	-0.116	-0.295	-0.408	-0.477	-0.514
7191	71.90	-0.501	-0.398	-0.170	0.169	0.540	0.818	0.883	0.688	0.292	-0.147
7201	72.00	-0.435	-0.431	-0.116	0.392	0.880	1.141	1.062	0.681	0.170	-0.247
7211	72.10	-0.393	-0.217	0.181	0.607	0.854	0.803	0.463	-0.034	-0.502	-0.783
7221	72.20	-0.814	-0.642	-0.391	-0.200	-0.154	-0.253	-0.415	-0.522	-0.481	-0.264
7231	72.30	0.071	0.401	0.592	0.551	0.271	-0.154	-0.562	-0.773	-0.659	-0.201
7241	72.40	0.499	1.237	1.783	1.960	1.714	1.137	0.436	-0.152	-0.450	-0.411
7251	72.50	-0.131	0.199	0.382	0.310	0.007	-0.383	-0.669	-0.699	-0.438	0.021
7261	72.60	0.501	0.819	0.867	0.646	0.255	-0.165	-0.500	-0.697	-0.773	-0.774
7271	72.70	-0.739	-0.674	-0.563	-0.395	-0.199	-0.039	0.009	-0.090	-0.295	-0.488
7281	72.80	-0.522	-0.294	0.185	0.781	1.282	1.491	1.326	0.864	0.315	-0.076
7291	72.90	-0.141	0.126	0.563	0.928	1.012	0.752	0.260	-0.227	-0.472	-0.353
7301	73.00	0.068	0.576	0.912	0.903	0.548	0.028	-0.394	-0.498	-0.225	0.292
7311	73.10	0.790	1.006	0.804	0.245	-0.447	-0.989	-1.176	-0.978	-0.544	-0.124
7321	73.20	0.064	-0.059	-0.397	-0.731	-0.837	-0.605	-0.106	0.438	0.759	0.674
7331	73.30	0.178	-0.538	-1.168	-1.427	-1.172	-0.469	0.436	1.221	1.621	1.524
7341	73.40	1.010	0.291	-0.379	-0.812	-0.941	-0.822	-0.580	-0.337	-0.162	-0.056
7351	73.50	0.019	0.096	0.172	0.206	0.147	-0.027	-0.285	-0.542	-0.701	-0.698
7361	73.60	-0.534	-0.279	-0.041	0.084	0.060	-0.081	-0.255	-0.368	-0.367	-0.258
7371	73.70	-0.100	0.029	0.067	-0.000	-0.147	-0.319	-0.472	-0.580	-0.642	-0.669
7381	73.80	-0.661	-0.613	-0.514	-0.368	-0.211	-0.097	-0.082	-0.190	-0.392	-0.608
7391	73.90	-0.741	-0.718	-0.528	-0.228	0.079	0.299	0.381	0.347	0.267	0.221
7401	74.00	0.255	0.354	0.458	0.498	0.446	0.327	0.216	0.188	0.274	0.434
7411	74.10	0.573	0.587	0.426	0.132	-0.174	-0.337	-0.246	0.114	0.644	1.172
7421	74.20	1.520	1.582	1.357	0.943	0.483	0.105	-0.130	-0.237	-0.278	-0.320
7431	74.30	-0.395	-0.492	-0.565	-0.570	-0.489	-0.341	-0.166	-0.005	0.120	0.206
7441	74.40	0.268	0.310	0.324	0.290	0.190	0.030	-0.160	-0.329	-0.426	-0.427
7451	74.50	-0.336	-0.186	-0.018	0.141	0.280	0.401	0.501	0.559	0.541	0.418
7461	74.60	0.193	-0.080	-0.307	-0.384	-0.251	0.076	0.495	0.856	1.018	0.917
7471	74.70	0.594	0.180	-0.157	-0.291	-0.194	0.052	0.293	0.377	0.222	-0.143
7481	74.80	-0.592	-0.964	-1.129	-1.047	-0.781	-0.461	-0.229	-0.172	-0.295	-0.530
7491	74.90	-0.771	-0.921	-0.930	-0.803	-0.580	-0.310	-0.033	0.234	0.479	0.683

Table 7-11-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	0.813	0.827	0.699	0.433	0.077	-0.287	-0.575	-0.726	-0.729	-0.616
7511	75.10	-0.448	-0.289	-0.178	-0.123	-0.113	-0.131	-0.171	-0.240	-0.346	-0.482
7521	75.20	-0.611	-0.671	-0.596	-0.342	0.084	0.613	1.131	1.504	1.628	1.454
7531	75.30	1.012	0.400	-0.241	-0.767	-1.070	-1.105	-0.900	-0.542	-0.146	0.181
7541	75.40	0.372	0.421	0.371	0.288	0.229	0.214	0.216	0.187	0.091	-0.065
7551	75.50	-0.220	-0.279	-0.167	0.128	0.524	0.872	1.008	0.834	0.373	-0.233
7561	75.60	-0.770	-1.047	-0.980	-0.626	-0.154	0.241	0.432	0.422	0.332	0.324
7571	75.70	0.505	0.850	1.203	1.352	1.140	0.568	-0.183	-0.817	-1.055	-0.763
7581	75.80	-0.032	0.858	1.553	1.782	1.472	0.775	-0.004	-0.555	-0.692	-0.434
7591	75.90	0.023	0.410	0.512	0.262	-0.237	-0.780	-1.154	-1.239	-1.045	-0.689
7601	76.00	-0.326	-0.071	0.045	0.070	0.087	0.155	0.278	0.401	0.450	0.370
7611	76.10	0.163	-0.110	-0.364	-0.525	-0.567	-0.519	-0.442	-0.396	-0.405	-0.447
7621	76.20	-0.463	-0.398	-0.230	0.007	0.234	0.359	0.319	0.116	-0.180	-0.448
7631	76.30	-0.568	-0.465	-0.148	0.294	0.721	0.999	1.044	0.654	0.501	0.094
7641	76.40	-0.266	-0.517	-0.651	-0.692	-0.669	-0.588	-0.430	-0.175	0.170	0.553
7651	76.50	0.877	1.043	0.986	0.721	0.332	-0.057	-0.341	-0.484	-0.531	-0.577
7661	76.60	-0.704	-0.929	-1.177	-1.321	-1.240	-0.895	-0.360	0.203	0.614	0.761
7671	76.70	0.651	0.401	0.167	0.060	0.086	0.166	0.104	-0.121	-0.490	-0.839
7681	76.80	-0.959	-0.708	-0.104	0.652	1.261	1.451	1.125	0.409	-0.383	-0.897
7691	76.90	-0.901	-0.395	0.377	1.048	1.296	1.000	0.295	-0.486	-0.974	-0.934
7701	77.00	-0.375	0.457	1.199	1.538	1.349	0.752	0.040	-0.453	-0.513	-0.129
7711	77.10	0.511	1.112	1.412	1.287	0.796	0.133	-0.470	-0.843	-0.941	-0.844
7721	77.20	-0.693	-0.615	-0.663	-0.804	-0.947	-1.000	-0.921	-0.734	-0.509	-0.319
7731	77.30	-0.205	-0.156	-0.130	-0.085	-0.015	0.042	0.028	-0.095	-0.308	-0.521
7741	77.40	-0.604	-0.450	-0.030	0.571	1.169	1.555	1.575	1.205	0.566	-0.121
7751	77.50	-0.625	-0.804	-0.664	-0.346	-0.059	0.024	-0.152	-0.500	-0.836	-0.971
7761	77.60	-0.809	-0.391	0.117	0.507	0.630	0.464	0.126	-0.189	-0.308	-0.156
7771	77.70	0.201	0.598	0.853	0.854	0.610	0.235	-0.110	-0.310	-0.342	-0.282
7781	77.80	-0.245	-0.317	-0.497	-0.691	-0.766	-0.628	-0.285	0.146	0.481	0.565
7791	77.90	0.349	-0.076	-0.511	-0.738	-0.618	-0.161	0.483	1.083	1.430	1.418
7801	78.00	1.078	0.548	0.006	-0.413	-0.655	-0.748	-0.754	-0.724	-0.659	-0.524
7811	78.10	-0.281	0.068	0.459	0.789	0.955	0.912	0.701	0.430	0.229	0.182
7821	78.20	0.285	0.452	0.552	0.484	0.226	-0.146	-0.492	-0.675	-0.624	-0.374
7831	78.30	-0.046	0.207	0.267	0.112	-0.183	-0.476	-0.626	-0.554	-0.275	0.110
7841	78.40	0.461	0.661	0.659	0.489	0.238	0.012	-0.119	-0.147	-0.116	-0.096
7851	78.50	-0.140	-0.249	-0.371	-0.420	-0.324	-0.065	0.298	0.644	0.833	0.768
7861	78.60	0.443	-0.045	-0.525	-0.821	-0.825	-0.542	-0.092	0.341	0.595	0.595
7871	78.70	0.394	0.134	-0.023	0.016	0.226	0.466	0.557	0.375	-0.068	-0.613
7881	78.80	-1.015	-1.054	-0.650	0.084	0.881	1.424	1.489	1.047	0.281	-0.494
7891	78.90	-0.969	-0.979	-0.565	0.046	0.553	0.722	0.484	-0.037	-0.593	-0.929
7901	79.00	-0.899	-0.519	0.044	0.561	0.844	0.815	0.533	0.147	-0.178	-0.333
7911	79.10	-0.304	-0.160	-0.018	0.024	-0.080	-0.303	-0.560	-0.748	-0.781	-0.625
7921	79.20	-0.314	0.059	0.368	0.498	0.387	0.062	-0.364	-0.719	-0.837	-0.628
7931	79.30	-0.124	0.518	1.065	1.301	1.116	0.556	-0.189	-0.864	-1.250	-1.256
7941	79.40	-0.944	-0.491	-0.093	0.120	0.145	0.084	0.073	0.195	0.426	0.644
7951	79.50	0.696	0.487	0.049	-0.464	-0.839	-0.907	-0.624	-0.097	0.472	0.873
7961	79.60	0.993	0.853	0.582	0.343	0.234	0.248	0.284	0.221	-0.002	-0.336
7971	79.70	-0.643	-0.769	-0.637	-0.302	0.065	0.263	0.166	-0.198	-0.646	-0.921
7981	79.80	-0.827	-0.331	0.398	1.057	1.345	1.112	0.432	-0.415	-1.068	-1.248
7991	79.90	-0.884	-0.149	0.622	1.085	1.042	0.524	-0.222	-0.860	-1.113	-0.890

Table 7-11-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-0.316	0.331	0.758	0.786	0.430	-0.117	-0.584	-0.746	-0.525	-0.025
8011	80.10	0.527	0.881	0.879	0.521	-0.045	-0.585	-0.888	-0.851	-0.517	-0.048
8021	80.20	0.343	0.492	0.339	-0.045	-0.498	-0.836	-0.929	-0.752	-0.389	0.010
8031	80.30	0.289	0.352	0.195	-0.098	-0.403	-0.606	-0.661	-0.594	-0.492	-0.444
8041	80.40	-0.501	-0.642	-0.785	-0.830	-0.708	-0.425	-0.060	0.265	0.444	0.435
8051	80.50	0.281	0.088	-0.032	-0.014	0.123	0.289	0.371	0.299	0.084	-0.177
8061	80.60	-0.351	-0.335	-0.117	0.211	0.493	0.580	0.409	0.037	-0.378	-0.650
8071	80.70	-0.652	-0.376	0.056	0.453	0.639	0.533	0.187	-0.245	-0.578	-0.681
8081	80.80	-0.527	-0.196	0.176	0.644	0.611	0.641	0.629	0.657	0.722	0.822
8091	80.90	0.881	0.848	0.722	0.565	0.463	0.481	0.615	0.785	0.872	0.779
8101	81.00	0.493	0.102	-0.232	-0.350	-0.172	0.254	0.762	1.137	1.208	0.933
8111	81.10	0.414	-0.141	-0.514	-0.574	-0.333	0.059	0.387	0.479	0.283	-0.104
8121	81.20	-0.481	-0.636	-0.451	0.040	0.658	1.152	1.309	1.046	0.454	-0.242
8131	81.30	-0.777	-0.951	-0.715	-0.191	0.387	0.766	0.785	0.437	-0.130	-0.675
8141	81.40	-0.970	-0.889	-0.459	0.157	0.725	1.040	1.003	0.651	0.135	-0.350
8151	81.50	-0.650	-0.707	-0.571	-0.366	-0.222	-0.212	-0.322	-0.461	-0.514	-0.405
8161	81.60	-0.133	0.217	0.513	0.635	0.527	0.225	-0.165	-0.509	-0.705	-0.718
8171	81.70	-0.589	-0.403	-0.243	-0.154	-0.127	-0.115	-0.065	0.049	0.212	0.376
8181	81.80	0.492	0.528	0.491	0.412	0.327	0.250	0.173	0.067	-0.084	-0.268
8191	81.90	-0.436	-0.518	-0.460	-0.250	0.068	0.403	0.655	0.756	0.692	0.508
8201	82.00	0.278	0.072	-0.071	-0.157	-0.218	-0.287	-0.378	-0.474	-0.538	-0.539
8211	82.10	-0.465	-0.335	-0.184	-0.050	0.045	0.094	0.101	0.067	-0.017	-0.160
8221	82.20	-0.360	-0.585	-0.775	-0.860	-0.792	-0.574	-0.273	0.002	0.141	0.081
8231	82.30	-0.162	-0.497	-0.797	-0.956	-0.932	-0.767	-0.559	-0.412	-0.385	-0.460
8241	82.40	-0.560	-0.591	-0.498	-0.298	-0.078	0.048	0.004	-0.207	-0.488	-0.689
8251	82.50	-0.678	-0.401	0.074	0.586	0.937	0.983	0.697	0.189	-0.340	-0.677
8261	82.60	-0.694	-0.395	0.076	0.506	0.699	0.563	0.153	-0.355	-0.742	-0.842
8271	82.70	-0.614	-0.161	0.319	0.621	0.624	0.342	-0.085	-0.464	-0.635	-0.549
8281	82.80	-0.286	-0.007	0.129	0.048	-0.199	-0.457	-0.548	-0.363	0.079	0.629
8291	82.90	1.077	1.250	1.098	0.717	0.309	0.076	0.129	0.429	0.809	1.058
8301	83.00	1.029	0.715	0.259	-0.121	-0.232	-0.011	0.443	0.908	1.147	1.015
8311	83.10	0.530	-0.138	-0.741	-1.075	-1.059	-0.773	-0.401	-0.140	-0.193	-0.272
8321	83.20	-0.518	-0.670	-0.614	-0.345	0.022	0.316	0.388	0.184	-0.229	-0.695
8331	83.30	-1.035	-1.123	-0.928	-0.515	-0.009	0.461	0.804	0.983	1.008	0.907
8341	83.40	0.711	0.442	0.128	-0.189	-0.453	-0.604	-0.600	-0.438	-0.159	0.167
8351	83.50	0.470	0.701	0.851	0.938	0.984	1.000	0.971	0.870	0.680	0.406
8361	83.60	0.089	-0.218	-0.467	-0.640	-0.749	-0.818	-0.858	-0.847	-0.740	-0.498
8371	83.70	-0.122	0.313	0.682	0.848	0.732	0.358	-0.137	-0.553	-0.718	-0.560
8381	83.80	-0.152	0.322	0.652	0.700	0.470	0.105	-0.182	-0.218	0.034	0.458
8391	83.90	0.828	0.924	0.640	0.045	-0.642	-1.153	-1.287	-1.006	-0.448	0.145
8401	84.00	0.535	0.596	0.363	-0.006	-0.310	-0.408	-0.278	-0.009	0.255	0.400
8411	84.10	0.398	0.308	0.237	0.270	0.420	0.617	0.751	0.731	0.534	0.224
8421	84.20	-0.085	-0.279	-0.300	-0.164	0.056	0.270	0.418	0.492	0.523	0.557
8431	84.30	0.619	0.701	0.768	0.784	0.737	0.644	0.541	0.459	0.406	0.366
8441	84.40	0.316	0.247	0.175	0.139	0.169	0.264	0.378	0.434	0.369	0.167
8451	84.50	-0.111	-0.351	-0.436	-0.304	0.009	0.373	0.620	0.618	0.335	-0.138
8461	84.60	-0.625	-0.943	-0.984	-0.764	-0.409	-0.095	0.042	-0.034	-0.246	-0.445
8471	84.70	-0.493	-0.336	-0.031	0.275	0.420	0.307	-0.051	-0.529	-0.948	-1.153
8481	84.80	-1.078	-0.771	-0.363	-0.010	0.180	0.178	0.040	-0.138	-0.270	-0.321
8491	84.90	-0.314	-0.309	-0.367	-0.509	-0.709	-0.904	-1.021	-1.015	-0.880	-0.652

Table 7-11-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1203 S102-PI-1-1 U-D (U-D) SHINO BRIDGE MAX. ACC. = 100.029 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-0.387	-0.145	0.033	0.127	0.135	0.065	-0.066	-0.236	-0.415	-0.566
8511	85.10	-0.656	-0.666	-0.598	-0.483	-0.364	-0.276	-0.236	-0.229	-0.225	-0.194
8521	85.20	-0.131	-0.063	-0.036	-0.094	-0.247	-0.462	-0.669	-0.792	-0.780	-0.635
8531	85.30	-0.408	-0.178	-0.010	0.070	0.086	0.090	0.128	0.211	0.304	0.354
8541	85.40	0.315	0.192	0.044	-0.042	0.009	0.211	0.503	0.766	0.881	0.783
8551	85.50	0.499	0.141	-0.151	-0.268	-0.192	0.002	0.177	0.211	0.056	-0.236
8561	85.60	-0.534	-0.695	-0.631	-0.355	0.029	0.375	0.564	0.556	0.401	0.204
8571	85.70	0.068	0.042	0.105	0.189	0.224	0.185	0.106	0.056	0.092	0.214
8581	85.80	0.359	0.421	0.317	0.031	-0.352	-0.684	-0.812	-0.659	-0.262	0.226
8591	85.90	0.610	0.730	0.544	0.147	-0.266	-0.487	-0.390	0.012	0.566	1.046
8601	86.00	1.249	1.085	0.615	0.025	-0.451	-0.633	-0.466	-0.039	0.458	0.816
8611	86.10	0.896	0.679	0.269	-0.163	-0.458	-0.537	-0.425	-0.236	-0.103	-0.118
8621	86.20	-0.285	-0.521	-0.704	-0.736	-0.594	-0.343	-0.105	0.009	-0.044	-0.210
8631	86.30	-0.364	-0.368	-0.148	0.259	0.717	1.042	1.093	0.840	0.388	-0.066
8641	86.40	-0.318	-0.252	0.112	0.621	1.065	1.270	1.177	0.866	0.511	0.290
8651	86.50	0.301	0.511	0.781	0.929	0.831	0.479	-0.008	-0.442	-0.654	-0.573
8661	86.60	-0.256	0.136	0.420	0.475	0.296	-0.009	-0.275	-0.364	-0.230	0.061
8671	86.70	0.363	0.527	0.467	0.209	-0.129	-0.391	-0.459	-0.306	-0.009	0.287
8681	86.80	0.444	0.388	0.148	-0.166	-0.416	-0.502	-0.409	-0.212	-0.032	0.024
8691	86.90	-0.076	-0.271	-0.434	-0.434	-0.200	0.231	0.722	1.091	1.185	0.948
8701	87.00	0.448	-0.148	-0.641	-0.881	-0.825	-0.549	-0.213	0.011	0.010	-0.230
8711	87.10	-0.621	-1.019	-1.280	-1.320	-1.139	-0.812	-0.448	-0.151	0.025	0.079
8721	87.20	0.055	0.015	0.002	0.030	0.076	0.102	0.076	-0.012	-0.134	-0.242
8731	87.30	-0.281	-0.218	-0.064	0.128	0.278	0.304	0.164	-0.128	-0.500	-0.844
8741	87.40	-1.065	-1.110	-0.997	-0.802	-0.618	-0.515	-0.497	-0.507	-0.453	-0.262
8751	87.50	0.074	0.482	0.836	1.015	0.964	0.726	0.429	0.222	0.206	0.379
8761	87.60	0.634	0.813	0.787	0.529	0.136	-0.210	-0.331	-0.140	0.307	0.828
8771	87.70	1.193	1.230	0.900	0.320	-0.292	-0.711	-0.804	-0.575	-0.155	0.266
8781	87.80	0.526	0.558	0.399	0.165	-0.021	-0.076	0.008	0.181	0.369	0.509
8791	87.90	0.576	0.577	0.535	0.464	0.366	0.233	0.062	-0.135	-0.333	-0.498
8801	88.00	-0.606	-0.646	-0.621	-0.541	-0.411	-0.241	-0.046	0.141	0.270	0.290
8811	88.10	0.172	-0.070	-0.376	-0.659	-0.840	-0.881	-0.805	-0.680	-0.558	-0.558
8821	88.20	-0.600	-0.657	-0.662	-0.579	-0.422	-0.248	-0.121	-0.072	-0.074	-0.056
8831	88.30	0.052	0.274	0.557	0.791	0.864	0.722	0.406	0.047	-0.202	-0.235
8841	88.40	-0.054	0.234	0.465	0.507	0.327	0.008	-0.299	-0.455	-0.409	-0.229
8851	88.50	-0.061	-0.046	-0.240	-0.572	-0.884	-1.006	-0.869	-0.459	0.010	0.374
8861	88.60	0.511	0.428	0.245	0.128	0.189	0.416	0.680	0.804	0.662	0.263
8871	88.70	-0.245	-0.639	-0.737	-0.489	-0.011	0.475	0.746	0.697	0.384	-0.000
8881	88.80	-0.232	-0.172	0.166	0.621	0.975	1.063	0.863	0.499	0.175	0.064
8891	88.90	0.215	0.528	0.804	0.854	0.596	0.109	-0.408	-0.728	-0.708	-0.357
8901	89.00	0.161	0.608	0.777	0.583	0.095	-0.499	-0.979	-1.181	-1.058	-0.676
8911	89.10	-0.178	0.285	0.607	0.748	0.725	0.582	0.367	0.119	-0.131	-0.351
8921	89.20	-0.506	-0.566	-0.524	-0.405	-0.263	-0.164	-0.151	-0.230	-0.362	-0.484
8931	89.30	-0.540	-0.504	-0.395	-0.258	-0.144	-0.077	-0.048	-0.025	0.027	0.116
8941	89.40	0.217	0.288	0.290	0.218	0.103	0.002	-0.033	0.012	0.102	0.170
8951	89.50	0.148	0.008	-0.221	-0.459	-0.610	-0.609	-0.449	-0.188	0.079	0.260
8961	89.60	0.302	0.210	0.026	-0.190	-0.395	-0.571	-0.715	-0.819	-0.856	-0.780
8971	89.70	-0.553	-0.179	0.278	0.701	0.961	0.971	0.729	0.333	-0.059	-0.289
8981	89.80	-0.268	-0.015	0.352	0.671	0.807	0.709	0.429			

Table 7-12-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	10.301	10.892	12.582	13.535	11.610	5.936	-2.092	-9.137	-11.590	-7.734
11	0.10	0.829	9.494	12.786	7.354	-5.790	-21.142	-31.036	-29.453	-15.383	6.096
21	0.20	25.829	34.869	28.980	11.018	-10.163	-23.910	-23.055	-7.660	14.888	33.197
31	0.30	37.621	24.978	0.216	-25.950	-42.229	-42.185	-27.188	-5.471	12.136	17.589
41	0.40	9.426	-6.854	-21.854	-27.107	-19.182	-1.096	19.488	34.169	37.740	30.249
51	0.50	16.375	2.714	-5.449	-6.284	-1.600	4.677	8.691	8.318	3.632	-3.740
61	0.60	-11.699	-18.496	-22.959	-24.315	-22.059	-16.176	-7.602	1.529	8.324	10.317
71	0.70	6.873	-0.026	-6.303	-7.612	-1.682	10.101	22.864	30.355	28.045	15.673
81	0.80	-2.208	-18.134	-25.250	-20.720	-7.245	8.171	17.626	16.225	4.479	-11.988
91	0.90	-25.259	-29.001	-21.421	-5.890	10.960	22.532	25.221	19.599	9.458	-0.509
101	1.00	-6.995	-9.147	-8.082	-5.492	-2.405	1.056	4.912	8.296	9.165	5.246
111	1.10	-4.190	-16.862	-27.565	-30.224	-21.143	-1.754	20.924	36.822	37.502	20.760
121	1.20	-7.351	-34.481	-47.404	-38.446	-9.750	26.977	55.461	62.428	44.141	8.632
131	1.30	-27.671	-47.510	-41.027	-10.703	29.448	60.170	65.835	41.737	-3.611	-52.226
141	1.40	-84.676	-88.605	-63.869	-22.044	19.240	44.350	46.288	28.989	4.497	-13.359
151	1.50	-15.622	-2.081	19.261	36.611	40.359	27.695	3.752	-21.096	-36.308	-36.124
161	1.60	-22.055	-1.854	14.384	19.054	10.479	-6.588	-23.525	-32.114	-28.439	-14.555
171	1.70	2.807	15.761	19.252	13.512	3.792	-2.481	0.299	12.803	30.118	43.950
181	1.80	46.662	35.141	12.564	-12.870	-31.704	-37.638	-30.442	-15.889	-2.745	1.701
191	1.90	-4.713	-18.041	-30.409	-34.247	-26.346	-9.625	8.354	19.373	18.940	8.743
201	2.00	-4.182	-11.189	-6.715	8.566	27.861	41.666	42.720	29.893	8.904	-10.576
211	2.10	-19.960	-16.277	-3.759	8.410	11.072	0.193	-20.637	-41.687	-51.874	-44.419
221	2.20	-20.478	11.143	38.060	50.095	43.876	24.007	0.363	-16.961	-22.385	-16.928
231	2.30	-6.769	0.673	0.925	-5.345	-13.135	-16.263	-11.002	1.817	17.279	29.007
241	2.40	32.376	26.563	14.461	0.766	-10.503	-17.581	-20.916	-21.810	-20.889	-17.510
251	2.50	-10.531	0.156	12.506	22.602	26.434	22.232	11.882	0.380	-6.645	-6.046
261	2.60	0.869	8.824	11.464	5.149	-5.515	-23.023	-30.264	-25.114	-8.781	11.135
271	2.70	24.193	22.588	5.665	-19.086	-39.344	-44.038	-29.135	-0.024	30.847	50.003
281	2.80	49.580	31.150	4.748	-16.363	-22.461	-12.120	7.436	24.462	29.014	18.068
291	2.90	-3.179	-24.377	-35.628	-32.561	-18.207	-0.855	10.713	11.876	4.194	-6.155
301	3.00	-12.382	-11.125	-4.189	2.922	4.673	-0.877	-10.678	-18.355	-17.948	-7.560
311	3.10	9.234	25.167	32.917	29.142	16.071	0.170	-11.430	-14.692	-10.491	-3.593
321	3.20	0.517	-0.983	-6.650	-11.851	-11.814	-4.783	6.617	16.674	19.804	13.805
331	3.30	1.249	-11.844	-19.313	-18.247	-10.512	-1.511	3.100	0.845	-5.996	-11.632
341	3.40	-10.167	0.736	18.033	34.418	41.853	35.665	17.032	-7.432	-28.748	-39.669
351	3.50	-37.721	-25.767	-10.059	3.004	9.623	9.604	5.424	0.265	-3.690	-5.798
361	3.60	-6.336	-5.487	-2.856	2.074	8.923	15.769	19.609	17.951	10.645	0.684
371	3.70	-6.835	-7.344	0.356	12.778	23.045	24.427	14.349	-3.479	-20.296	-24.653
381	3.80	-17.763	3.102	25.318	35.827	25.975	-3.260	-40.660	-69.518	-75.673	-54.851
391	3.90	-15.428	25.082	48.345	44.276	16.273	-20.190	-45.089	-43.838	-14.770	29.701
401	4.00	68.904	83.909	66.761	24.438	-24.411	-58.287	-62.911	-37.688	4.411	43.279
411	4.10	61.172	50.685	17.597	-22.450	-51.535	-57.580	-39.302	-6.053	26.984	45.702
421	4.20	42.935	20.905	-10.413	-37.279	-50.589	-43.910	-20.789	9.809	36.510	49.743
431	4.30	45.119	24.892	-2.940	-27.615	-39.694	-34.816	-15.636	8.990	27.517	30.668
441	4.40	15.765	-11.589	-39.508	-54.895	-49.430	-23.685	12.720	45.242	61.015	54.831
451	4.50	31.544	3.641	-14.933	-15.645	0.469	23.491	39.811	39.184	20.030	-9.726
461	4.60	-36.704	-48.878	-41.624	-19.882	4.603	19.446	17.905	2.025	-18.915	-33.655
471	4.70	-34.991	-23.366	-6.139	6.881	9.098	0.810	-11.100	-17.231	-11.164	6.677
481	4.80	28.998	45.472	48.338	36.690	17.064	-0.025	-5.757	2.174	18.204	31.795
491	4.90	33.054	18.129	-8.469	-35.846	-52.007	-49.718	-29.993	-1.510	23.648	35.691

Table 7-12-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	31.406	15.019	-4.548	-18.422	-22.000	-16.612	-8.013	-2.761	-4.520	-12.228
511	5.10	-20.909	-24.544	-19.345	-5.738	11.879	27.315	35.484	34.545	26.322	15.015
521	5.20	4.997	-1.100	-3.168	-3.051	-3.125	-4.853	-8.034	-11.025	-11.692	-8.560
531	5.30	-1.603	7.619	16.473	22.160	22.663	17.438	7.653	-4.097	-14.538	-20.764
541	5.40	-21.253	-16.489	-8.882	-1.909	1.285	-0.751	-7.044	-14.524	-19.329	-18.540
551	5.50	-11.536	-0.294	11.530	20.285	23.926	22.714	18.674	14.178	10.485	7.114
561	5.60	2.444	-4.811	-14.152	-22.865	-27.029	-23.595	-12.425	2.917	16.272	21.577
571	5.70	15.881	1.133	-16.288	-28.281	-28.761	-16.652	3.375	22.849	33.275	29.966
581	5.80	14.138	-7.694	-26.684	-35.537	-31.514	-17.253	0.803	15.451	21.754	18.726
591	5.90	9.134	-2.209	-10.632	-13.271	-9.617	-1.041	10.163	21.621	31.284	37.481
601	6.00	38.905	34.797	25.287	11.668	-3.734	-18.161	-29.280	-35.887	-38.080	-36.862
611	6.10	-33.455	-28.790	-23.473	-18.159	-13.927	-12.195	-13.990	-18.940	-24.672	-27.283
621	6.20	-22.983	-10.263	8.588	27.697	39.822	39.772	27.346	8.124	-8.643	-14.313
631	6.30	-5.317	14.524	35.243	45.219	36.845	10.566	-24.872	-56.297	-72.295	-68.676
641	6.40	-50.439	-29.191	-17.317	-21.866	-41.156	-66.148	-85.179	-90.078	-80.014	-61.225
651	6.50	-62.861	-31.381	-26.713	-22.429	-9.912	15.774	51.698	87.140	108.242	105.029
661	6.60	77.151	35.186	-3.481	-22.374	-13.548	18.655	59.587	91.055	99.597	82.311
671	6.70	47.612	10.797	-13.189	-16.252	0.003	26.613	49.248	59.784	53.860	34.221
681	6.80	7.752	-17.885	-36.845	-46.037	-44.707	-33.662	-15.006	7.523	28.332	40.789
691	6.90	39.405	22.647	-5.142	-34.197	-52.579	-51.121	-27.824	10.609	51.143	79.851
701	7.00	87.918	75.297	50.209	24.722	8.684	5.100	9.301	12.239	6.068	-11.039
711	7.10	-33.462	-50.919	-53.997	-39.497	-12.727	14.578	29.717	25.176	2.376	-28.835
721	7.20	-54.671	-63.708	-51.968	-24.528	6.929	29.253	33.231	16.944	-14.066	-49.427
731	7.30	-77.902	-99.947	-84.732	-60.385	-22.962	20.128	60.743	91.544	107.483	107.122
741	7.40	93.365	73.016	54.869	44.659	51.916	68.114	87.134	98.197	92.235	65.914
751	7.50	23.554	-24.040	-63.485	-83.951	-81.475	-60.709	-33.425	-14.318	-15.686	-42.914
761	7.60	-92.357	-152.358	-207.063	-241.757	-247.927	-226.243	-186.286	-142.875	-110.152	-95.542
771	7.70	-96.088	-98.980	-86.560	-44.159	32.389	132.989	235.439	313.200	345.858	327.807
781	7.80	271.110	200.846	144.659	120.971	131.204	159.647	181.134	173.005	125.748	47.333
791	7.90	-40.764	-113.763	-154.975	-162.823	-150.204	-136.763	-138.235	-158.331	-187.286	-207.623
801	8.00	-204.000	-171.937	-120.858	-69.909	-38.705	-37.739	-63.251	-99.030	-124.066	-122.167
811	8.10	-88.841	-32.380	30.903	84.512	118.671	133.194	135.558	135.889	141.849	155.954
821	8.20	176.126	198.336	219.235	237.038	250.418	256.625	250.670	226.705	181.245	116.415
831	8.30	41.067	-31.465	-88.338	-122.662	-136.629	-140.532	-147.896	-168.964	-205.711	-250.808
841	8.40	-291.041	-313.431	-311.008	-285.443	-245.382	-201.552	-161.246	-125.057	-87.464	-40.915
851	8.50	18.713	88.029	155.510	204.830	220.851	195.931	134.070	51.324	-27.771	-76.768
861	8.60	-74.983	-14.163	97.790	237.321	370.281	460.662	480.914	420.814	291.842	124.979
871	8.70	-38.067	-157.803	-209.781	-192.649	-128.229	-53.319	-6.123	-12.432	-76.755	-181.640
881	8.80	-295.095	-382.822	-420.309	-400.258	-333.097	-241.293	-150.447	-80.913	-42.731	-34.785
891	8.90	-47.284	-65.789	-75.169	-62.770	-20.844	51.500	147.045	250.695	342.108	400.903
901	9.00	413.286	377.681	306.712	223.941	155.950	122.555	129.152	164.549	205.417	225.595
911	9.10	206.310	163.008	46.101	-64.261	-166.617	-245.865	-296.954	-323.591	-333.478	-333.065
921	9.20	-324.630	-306.836	-277.800	-238.357	-193.234	-149.289	-111.843	-81.408	-52.981	-18.691
931	9.30	27.394	84.811	145.172	194.686	219.840	213.657	179.546	130.867	86.266	62.780
941	9.40	69.580	104.803	156.472	206.786	237.928	237.298	200.727	133.144	46.989	-40.987
951	9.50	-113.809	-158.535	-169.825	-151.773	-117.066	-83.153	-66.211	-74.933	-106.674	-147.968
961	9.60	-179.745	-185.405	-158.370	-105.614	-45.285	0.809	16.576	-1.362	-42.310	-86.392
971	9.70	-113.315	-110.849	-79.091	-28.796	24.966	70.319	103.390	128.202	152.183	180.129
981	9.80	210.152	233.870	240.626	223.253	182.091	125.017	63.560	7.377	-39.739	-80.114
991	9.90	-118.706	-158.097	-195.122	-221.382	-227.619	-209.608	-172.150	-128.532	-95.237	-84.246

Table 7-12-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-96.767	-121.726	-140.051	-132.968	-90.493	-16.219	73.749	157.081	213.796	233.373
1011	10.10	217.625	178.721	133.849	99.159	85.346	95.915	127.759	172.861	220.084	256.735
1021	10.20	270.352	251.188	195.277	107.066	0.062	-105.619	-188.701	-233.521	-235.501	-202.879
1031	10.30	-153.689	-108.969	-84.880	-86.924	-108.561	-134.652	-148.144	-137.145	-99.600	-43.909
1041	10.40	14.442	58.645	76.490	64.348	28.116	-18.904	-60.254	-81.291	-73.426	-36.502
1051	10.50	21.315	86.063	142.235	177.463	186.158	170.841	140.678	107.758	82.543	70.281
1061	10.60	69.776	74.839	77.591	71.992	55.991	31.529	2.753	-26.291	-53.111	-76.660
1071	10.70	-96.045	-109.267	-113.241	-105.530	-87.016	-63.771	-46.670	-46.754	-71.675	-118.741
1081	10.80	-174.343	-217.132	-225.698	-187.684	-106.351	-1.325	97.453	160.571	170.548	129.048
1091	10.90	56.737	-14.362	-53.046	-40.794	21.387	113.703	205.348	266.029	276.616	234.975
1101	11.00	155.200	61.144	-22.759	-79.706	-104.928	-105.230	-94.598	-88.038	-96.109	-121.824
1111	11.10	-160.474	-201.802	-233.392	-244.145	-227.086	-181.170	-111.965	-31.116	45.587	101.550
1121	11.20	123.711	106.872	56.510	-11.341	-73.860	-108.212	-99.333	-45.888	38.176	127.642
1131	11.30	194.637	218.846	195.380	136.940	69.041	19.869	8.713	37.729	90.655	139.286
1141	11.40	155.267	122.395	44.230	-56.338	-145.607	-192.297	-180.077	-114.249	-19.839	68.075
1151	11.50	117.778	112.658	56.678	-28.262	-111.566	-165.714	-175.795	-143.325	-83.478	-17.605
1161	11.60	35.435	65.592	73.457	67.658	59.610	58.223	66.691	82.236	98.294	107.740
1171	11.70	105.697	90.985	66.090	36.094	7.209	-14.680	-25.263	-22.866	-9.049	11.132
1181	11.80	30.236	40.304	35.468	14.265	-19.379	-57.166	-69.255	-107.877	-110.192	-99.083
1191	11.90	-81.480	-64.994	-54.468	-50.143	-48.333	-44.216	-35.209	-23.015	-13.093	-11.620
1201	12.00	-21.445	-39.232	-55.540	-58.237	-37.915	7.170	69.085	132.340	179.458	197.636
1211	12.10	183.590	144.453	94.382	48.495	16.896	1.385	-3.894	-8.509	-20.589	-62.945
1221	12.20	-72.124	-100.523	-120.243	-126.683	-120.242	-105.588	-89.183	-76.467	-70.007	-69.196
1231	12.30	-71.237	-72.568	-69.977	-61.112	-44.632	-20.423	9.905	42.561	71.759	91.025
1241	12.40	95.483	84.205	61.360	35.188	14.849	6.398	9.809	18.745	23.548	16.262
1251	12.50	-4.691	-32.651	-54.949	-58.524	-36.426	7.928	61.038	104.326	121.839	107.174
1261	12.60	66.451	15.873	-25.089	-41.851	-30.587	0.729	36.401	60.217	62.463	43.670
1271	12.70	13.632	-13.607	-26.365	-20.426	-0.874	29.554	30.638	20.475	-10.629	-54.594
1281	12.80	-97.413	-124.201	-124.521	-96.104	-45.714	13.062	64.307	95.045	99.524	81.033
1291	12.90	50.600	22.930	10.988	21.178	50.966	89.919	123.839	140.389	133.922	107.524
1301	13.00	71.396	38.289	17.974	13.196	18.861	24.764	20.563	0.702	-32.955	-71.928
1311	13.10	-104.902	-122.707	-122.202	-107.347	-87.114	-71.286	-66.131	-71.872	-82.960	-90.866
1321	13.20	-88.004	-71.010	-42.027	-7.617	23.993	46.026	55.279	52.558	41.503	26.633
1331	13.30	11.612	-1.509	-11.956	-19.272	-22.502	-20.132	-10.921	4.846	24.464	42.977
1341	13.40	54.607	54.969	43.078	22.113	-1.599	-21.126	-31.909	-33.795	-31.052	-30.209
1351	13.50	-36.613	-51.337	-70.031	-84.460	-86.238	-71.091	-41.620	-7.069	20.045	29.119
1361	13.60	16.187	-13.971	-49.405	-75.662	-81.586	-63.749	-27.646	14.784	50.163	68.993
1371	13.70	69.102	55.885	39.495	30.306	34.621	52.263	76.849	98.413	107.265	97.628
1381	13.80	69.825	30.347	-10.160	-40.355	-52.011	-42.941	-17.985	12.466	36.096	43.283
1391	13.90	30.959	4.059	-26.302	-47.426	-50.606	-35.216	-9.307	13.836	21.840	9.332
1401	14.00	-18.963	-49.806	-67.226	-59.950	-26.968	21.507	68.313	96.953	98.977	77.633
1411	14.10	46.018	20.657	13.605	26.890	51.923	74.032	79.792	63.538	29.928	-8.520
1421	14.20	-37.524	-47.664	-38.337	-17.301	3.685	14.744	12.338	0.233	-13.231	-19.949
1431	14.30	-16.409	-5.478	5.127	6.778	-5.704	-31.316	-62.926	-89.976	-102.554	-95.145
1441	14.40	-68.642	-30.019	10.033	40.594	53.936	47.853	26.256	-2.147	-26.723	-38.510
1451	14.50	-33.402	-13.784	12.150	33.354	40.205	28.487	1.375	-31.565	-58.144	-68.586
1461	14.60	-59.691	-36.235	-8.902	10.389	13.704	0.497	-22.320	-43.636	-53.187	-46.070
1471	14.70	-24.697	2.546	25.170	35.082	29.681	12.332	-9.707	-28.659	-39.242	-40.058
1481	14.80	-33.068	-21.806	-9.484	2.046	12.189	20.778	27.287	30.712	30.164	25.729
1491	14.90	18.905	12.183	7.914	7.072	8.681	10.338	9.626	5.672	-0.059	-4.269

Table 7-12-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-3.472	4.031	16.924	31.095	41.326	43.665	37.189	24.624	10.896	0.930
1511	15.10	-2.573	-0.147	5.081	9.290	10.064	7.585	4.278	3.165	5.851	11.317
1521	15.20	16.223	16.647	10.356	-1.616	-14.999	-24.021	-24.059	-13.907	3.486	22.221
1531	15.30	36.030	41.017	37.230	28.358	19.739	15.705	17.568	23.183	28.219	28.420
1541	15.40	21.709	9.160	-5.693	-18.361	-25.547	-26.294	-22.079	-15.863	-10.708	-8.672
1551	15.50	-10.383	-15.272	-22.112	-29.444	-35.736	-39.387	-38.865	-33.158	-22.422	-8.435
1561	15.60	5.577	15.901	19.766	16.589	8.318	-1.408	-8.987	-12.592	-12.997	-12.953
1571	15.70	-15.382	-21.323	-28.824	-33.521	-30.790	-18.449	1.414	22.599	37.090	38.532
1581	15.80	25.265	1.387	-24.763	-44.092	-50.617	-43.918	-29.041	-13.960	-5.821	-7.764
1591	15.90	-17.745	-29.805	-37.047	-34.842	-22.800	-4.704	13.353	25.644	29.013	23.772
1601	16.00	13.102	1.482	-7.027	-9.958	-6.791	1.356	12.339	23.589	32.593	37.322
1611	16.10	36.673	30.864	21.574	11.601	4.018	1.089	3.396	9.641	17.249	23.530
1621	16.20	26.808	26.971	25.164	22.857	20.845	18.791	15.594	10.346	3.274	-3.968
1631	16.30	-8.952	-9.776	-6.309	-0.598	3.913	4.069	-1.227	-10.132	-18.419	-21.314
1641	16.40	-15.774	-2.098	15.958	32.648	42.633	43.188	35.221	22.701	10.837	3.908
1651	16.50	3.699	9.130	17.052	23.668	25.885	22.119	12.432	-1.752	-18.052	-33.479
1661	16.60	-44.816	-49.194	-44.923	-32.360	-14.353	4.188	17.694	21.926	15.728	1.703
1671	16.70	-14.657	-27.118	-31.262	-26.286	-15.225	-3.497	3.556	2.963	-4.789	-16.285
1681	16.80	-26.961	-33.187	-33.643	-29.433	-23.087	-17.123	-12.989	-10.846	-10.097	-10.147
1691	16.90	-10.791	-11.977	-13.199	-13.086	-9.698	-1.578	10.955	25.112	36.177	39.331
1701	17.00	32.004	15.589	-4.524	-20.868	-27.045	-20.685	-4.746	13.576	25.929	26.487
1711	17.10	14.510	-5.437	-25.681	-39.000	-41.813	-35.509	-25.365	-17.669	-16.516	-21.852
1721	17.20	-29.641	-33.980	-30.049	-16.461	4.055	25.858	42.799	50.690	48.742	39.512
1731	17.30	27.537	17.414	12.146	12.347	16.642	21.607	24.984	24.757	20.753	14.462
1741	17.40	8.476	5.500	7.214	13.404	21.758	28.574	30.240	24.949	13.840	0.891
1751	17.50	-8.614	-10.503	-3.914	7.886	18.674	22.085	14.810	-1.433	-20.263	-33.394
1761	17.60	-34.540	-22.598	-2.433	17.236	27.916	25.391	11.703	-5.968	-18.974	-21.548
1771	17.70	-13.583	-0.424	10.193	12.393	5.336	-6.397	-15.395	-15.566	-5.575	10.287
1781	17.80	24.305	29.420	22.971	8.099	-7.931	-17.571	-16.885	-7.426	4.859	13.023
1791	17.90	12.861	4.971	-5.973	-14.216	-16.402	-13.549	-10.360	-12.309	-22.179	-38.065
1801	18.00	-54.049	-63.199	-61.246	-48.882	-31.369	-15.671	-6.699	-4.768	-5.713	-3.587
1811	18.10	5.560	20.969	37.106	46.374	43.190	27.234	4.088	-17.153	-28.107	-25.026
1821	18.20	-10.439	8.253	22.439	26.313	19.271	5.631	-7.949	-15.887	-16.147	-10.670
1831	18.30	-3.797	0.260	-0.522	-5.337	-11.440	-15.821	-16.642	-13.734	-8.099	-0.992
1841	18.40	6.730	14.583	21.936	27.529	29.578	26.583	18.406	6.921	-4.345	-11.554
1851	18.50	-12.296	-6.793	2.134	10.389	14.588	13.677	9.338	4.984	3.885	7.429
1861	18.60	14.424	21.760	26.032	25.242	19.701	11.737	4.478	0.403	0.403	3.728
1871	18.70	8.653	13.363	16.536	17.413	15.552	10.641	2.660	-7.669	-18.524	-27.150
1881	18.80	-30.738	-27.706	-18.733	-6.878	3.485	8.539	6.837	0.097	-7.513	-11.356
1891	18.90	-8.648	0.049	10.926	18.645	18.875	10.415	-4.107	-19.311	-29.382	-30.578
1901	19.00	-22.764	-9.366	4.156	12.571	12.873	5.260	-7.186	-19.811	-28.093	-29.110
1911	19.10	-22.348	-9.711	5.134	17.872	24.804	23.970	15.799	3.051	-10.065	-19.382
1921	19.20	-22.380	-19.249	-12.854	-7.494	-6.899	-12.324	-21.693	-30.304	-32.883	-26.132
1931	19.30	-10.542	9.427	26.999	35.868	32.883	19.385	0.605	-16.590	-26.534	-26.907
1941	19.40	-19.267	-7.887	2.421	8.388	9.334	6.851	3.486	1.252	0.753	1.285
1951	19.50	1.695	1.384	0.819	1.286	4.045	9.461	16.615	23.651	28.667	30.635
1961	19.60	29.839	27.602	25.450	24.198	23.461	21.853	17.765	10.317	-0.026	-11.466
1971	19.70	-21.499	-27.845	-29.238	-25.762	-18.652	-9.750	-0.894	6.475	11.427	13.453
1981	19.80	12.349	8.213	1.578	-6.446	-14.159	-19.517	-20.615	-16.275	-6.515	7.274
1991	19.90	22.560	36.271	45.601	48.803	45.694	37.709	27.436	17.741	10.771	7.193

Table 7-12-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	6.000	5.019	1.964	-4.367	-13.318	-22.430	-28.417	-28.691	-22.788	-12.958
2011	20.10	-3.543	0.722	-3.214	-15.174	-31.519	-46.421	-54.164	-51.481	-38.906	-20.516
2021	20.20	-2.185	10.867	16.112	14.478	9.532	5.566	5.513	9.674	15.786	20.305
2031	20.30	20.219	14.516	4.652	-6.113	-14.109	-16.724	-13.307	-5.250	4.654	13.181
2041	20.40	17.583	16.154	8.651	-3.974	-19.399	-34.401	-45.434	-49.548	-45.424	-34.133
2051	20.50	-19.155	-5.440	2.331	1.658	-6.549	-18.066	-26.925	-27.894	-18.836	-1.352
2061	20.60	17.386	31.917	36.448	29.678	14.933	-1.189	-11.594	-11.660	-1.098	16.076
2071	20.70	33.385	44.670	46.556	39.555	27.423	15.203	6.931	4.052	5.190	7.232
2081	20.80	7.094	3.276	-3.495	-10.767	-15.655	-16.265	-12.577	-6.414	-0.592	2.304
2091	20.90	0.954	-4.271	-11.588	-18.588	-23.117	-23.914	-20.797	-14.441	-5.950	3.541
2101	21.00	13.100	22.017	29.725	35.731	39.640	41.259	40.716	38.482	35.267	31.795
2111	21.10	28.567	25.722	23.059	20.227	16.967	13.302	9.533	6.036	2.936	-0.149
2121	21.20	-4.142	-10.188	-19.081	-30.641	-43.362	-54.583	-61.235	-60.945	-53.080	-39.222
2131	21.30	-22.807	-7.969	2.106	6.237	5.820	3.974	3.973	7.524	13.770	19.567
2141	21.40	21.031	15.660	4.032	-9.871	-20.027	-20.980	-10.538	8.716	29.937	44.527
2151	21.50	45.647	31.219	5.064	-24.436	-47.623	-57.439	-52.206	-36.133	-17.350	-4.372
2161	21.60	-2.544	-12.005	-27.941	-42.918	-50.160	-46.310	-32.555	-13.757	3.855	15.325
2171	21.70	18.814	15.959	10.767	7.677	9.665	17.144	27.992	38.535	45.016	44.956
2181	21.80	37.952	25.761	11.574	-0.833	-8.436	-9.762	-5.303	2.707	11.070	16.707
2191	21.90	17.684	13.787	6.447	-1.966	-9.161	-13.807	-15.901	-16.471	-16.818	-17.700
2201	22.00	-18.881	-19.281	-17.603	-13.082	-5.942	2.681	11.280	18.639	24.242	28.200
2211	22.10	30.809	32.053	31.445	28.346	22.614	15.140	7.866	3.129	2.572	6.197
2221	22.20	12.116	17.237	18.656	15.070	7.485	-1.189	-7.538	-9.340	-6.710	-2.085
2231	22.30	0.990	-0.324	-6.649	-15.959	-24.462	-28.386	-25.774	-17.434	-6.579	2.654
2241	22.40	7.065	5.754	0.379	-5.779	-9.425	-8.770	-4.269	1.703	6.022	6.264
2251	22.50	1.779	-6.031	-14.305	-19.875	-20.507	-15.735	-7.027	2.772	10.457	13.603
2261	22.60	11.388	4.830	-3.659	-11.252	-15.840	-16.858	-15.459	-13.910	-14.458	-18.158
2271	22.70	-24.213	-30.189	-33.047	-30.561	-22.457	-10.717	1.133	9.441	11.910	8.474
2281	22.80	1.185	-6.768	-12.398	-13.975	-11.355	-5.563	2.003	10.231	18.475	26.257
2291	22.90	32.811	36.917	37.230	33.011	24.798	14.558	5.084	-1.137	-3.056	-1.560
2301	23.00	0.966	1.846	-0.522	-5.837	-12.049	-16.418	-16.918	-13.250	-6.955	-0.594
2311	23.10	3.541	4.482	2.885	0.476	-0.971	-0.527	1.611	4.545	7.460	10.230
2321	23.20	13.446	17.827	23.401	29.007	32.495	31.640	25.310	14.290	1.257	-10.129
2331	23.30	-16.639	-16.741	-11.148	-2.432	6.071	11.546	12.624	9.638	4.239	-1.362
2341	23.40	-5.158	-5.902	-3.345	1.764	7.875	12.991	15.196	13.288	7.334	-1.120
2351	23.50	-9.417	-14.731	-15.265	-11.181	-4.736	0.560	1.498	-3.247	-12.295	-21.969
2361	23.60	-27.842	-26.757	-18.365	-5.433	7.263	14.968	14.968	7.688	-3.612	-14.333
2371	23.70	-20.487	-20.214	-14.257	-5.310	3.322	9.063	10.862	9.216	5.617	1.792
2381	23.80	-0.916	-1.849	-1.088	0.641	2.143	2.023	-0.870	-6.880	-15.093	-23.296
2391	23.90	-28.587	-28.532	-22.433	-12.042	-1.211	5.586	5.298	-2.029	-12.883	-21.573
2401	24.00	-22.746	-14.016	2.592	21.183	34.418	36.786	27.186	9.576	-8.687	-20.102
2411	24.10	-20.365	-10.240	4.900	17.632	21.930	15.884	2.460	-11.978	-20.640	-19.363
2421	24.20	-8.372	7.959	23.136	31.348	29.801	19.631	5.131	-8.202	-15.893	-16.076
2431	24.30	-9.880	-0.631	7.672	11.956	11.135	6.328	0.238	-4.007	-4.124	0.400
2441	24.40	8.057	15.834	20.365	19.292	12.355	1.705	-8.739	-14.732	-13.417	-4.602
2451	24.50	8.979	22.589	31.288	31.870	24.130	10.913	-3.060	-13.085	-16.263	-12.449
2461	24.60	-4.028	5.296	12.087	14.440	12.430	7.703	2.507	-1.314	-2.939	-2.637
2471	24.70	-1.411	-0.479	-0.849	-3.102	-7.326	-13.106	-19.510	-25.150	-28.406	-27.897
2481	24.80	-23.069	-14.668	-4.773	3.738	8.198	7.241	1.484	-6.580	-13.491	-16.204
2491	24.90	-13.332	-5.709	4.005	12.481	17.137	17.152	13.650	9.011	5.656	4.894

Table 7-12-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	6.362	8.285	8.396	5.076	-1.826	-10.841	-19.439	-25.044	-26.057	-22.466
2511	25.10	-15.825	-8.636	-3.413	-1.791	-4.015	-8.970	-14.687	-19.127	-20.901	-19.682
2521	25.20	-16.150	-11.549	-7.064	-3.295	-0.088	3.230	7.326	12.325	17.556	21.742
2531	25.30	23.580	22.438	18.805	14.249	10.816	10.144	12.681	17.411	22.240	24.902
2541	25.40	23.972	19.514	13.062	6.937	3.216	2.840	5.239	8.639	10.849	10.165
2551	25.50	5.977	-1.123	-9.706	-18.096	-24.881	-29.187	-30.670	-29.396	-25.728	-20.319
2561	25.60	-14.115	-8.262	-3.814	-1.319	-0.483	-0.147	1.286	5.099	11.503	19.283
2571	25.70	26.112	29.489	27.927	21.813	13.490	6.408	3.662	6.548	13.819	22.051
2581	25.80	27.029	25.569	16.983	3.506	-10.562	-20.640	-23.826	-20.149	-12.554	-5.600
2591	25.90	-3.432	-7.923	-17.811	-29.233	-37.433	-38.880	-32.863	-21.825	-10.270	-2.711
2601	26.00	-1.588	-6.108	-12.565	-16.047	-12.764	-1.955	13.546	28.409	37.113	36.457
2611	26.10	27.118	13.476	1.749	-2.797	1.705	12.747	24.446	30.118	25.307	9.899
2621	26.20	-11.635	-32.028	-44.253	-44.478	-33.645	-16.985	-1.720	6.023	3.736	-6.591
2631	26.30	-19.530	-28.687	-29.465	-20.915	-5.964	9.990	21.611	24.862	20.238	10.580
2641	26.40	0.661	-4.985	-3.790	4.007	15.617	26.844	33.634	33.440	25.989	13.258
2651	26.50	-1.257	-13.695	-21.023	-21.922	-17.097	-8.942	-0.675	4.772	5.729	2.299
2661	26.60	-3.733	-9.872	-13.450	-13.059	-8.784	-2.115	4.718	9.648	11.514	10.387
2671	26.70	7.377	4.086	1.962	1.819	3.678	6.893	10.445	13.258	14.437	13.442
2681	26.80	10.214	5.272	-0.271	-4.873	-6.963	-5.505	-0.535	6.600	13.510	17.527
2691	26.90	16.727	10.791	1.271	-8.901	-16.531	-19.446	-17.376	-12.029	-6.294	-2.928
2701	27.00	-3.325	-6.918	-11.504	-14.316	-13.345	-8.283	-0.662	6.846	11.624	12.229
2711	27.10	8.929	3.469	-1.780	-4.834	-4.810	-2.058	2.250	6.785	10.607	13.353
2721	27.20	15.040	15.706	15.156	12.998	8.943	3.159	-3.564	-10.002	-14.965	-17.821
2731	27.30	-18.772	-18.707	-18.700	-19.399	-20.640	-21.518	-20.897	-18.105	-13.433	-8.159
2741	27.40	-4.022	-2.390	-3.523	-6.313	-8.676	-8.454	-4.422	3.053	12.044	19.785
2751	27.50	23.793	22.905	17.778	10.627	4.305	1.128	1.927	5.739	10.263	12.880
2761	27.60	11.815	6.938	-0.121	-6.621	-9.839	-8.230	-2.131	6.304	13.909	17.752
2771	27.70	16.293	9.986	1.067	-7.384	-12.718	-13.780	-11.308	-7.517	-5.039	-5.704
2781	27.80	-9.692	-15.430	-20.264	-21.612	-18.084	-10.088	0.316	10.240	17.094	19.534
2791	27.90	17.884	13.874	9.871	7.931	9.049	12.857	17.840	21.948	23.350	21.095
2801	28.00	15.463	7.894	0.540	-4.467	-5.787	-3.431	1.121	5.363	6.666	3.345
2811	28.10	-4.529	-14.962	-24.668	-30.314	-29.907	-23.703	-14.209	-5.187	-0.064	-0.421
2821	28.20	-5.264	-11.440	-15.043	-13.186	-5.347	6.355	18.065	25.874	27.496	23.176
2831	28.30	15.449	7.888	3.471	3.314	6.335	9.938	11.331	8.829	2.570	-5.640
2841	28.40	-13.190	-17.782	-18.308	-15.137	-9.800	-4.293	-0.354	1.023	-0.266	-3.585
2851	28.50	-7.840	-11.791	-14.323	-14.691	-12.717	-8.896	-4.311	-0.322	1.935	2.044
2861	28.60	0.579	-1.054	-1.192	1.299	6.388	12.718	18.066	20.267	18.207	12.420
2871	28.70	4.979	-1.311	-4.099	-2.513	2.423	8.203	11.909	11.477	6.605	-1.106
2881	28.80	-8.838	-13.769	-14.302	-10.767	-5.291	-0.896	-0.192	-4.221	-11.949	-20.611
2891	28.90	-26.797	-27.825	-22.845	-13.220	-2.010	7.230	11.855	11.175	6.695	1.468
2901	29.00	-1.191	0.908	7.904	17.802	27.249	32.858	32.533	26.269	16.127	5.415
2911	29.10	-2.572	-5.754	-3.972	1.054	6.445	9.263	7.594	1.218	-8.320	-18.252
2921	29.20	-25.534	-27.884	-24.573	-16.694	-6.821	1.856	6.638	6.277	1.434	-5.571
2931	29.30	-11.650	-14.145	-11.864	-5.522	2.619	9.751	13.723	13.913	11.372	8.185
2941	29.40	6.393	6.997	9.538	12.451	13.981	13.167	10.358	7.001	4.794	4.690
2951	29.50	6.286	7.970	7.752	4.363	-1.975	-9.545	-15.926	-19.194	-18.905	-16.347
2961	29.60	-13.891	-13.774	-16.902	-22.294	-27.460	-29.526	-26.568	-18.522	-7.248	4.260
2971	29.70	13.094	17.538	17.566	14.583	10.655	7.583	6.302	6.761	8.241	9.844
2981	29.80	10.889	11.060	10.334	8.825	6.682	4.089	1.305	-1.335	-3.543	-5.234
2991	29.90	-6.618	-8.117	-10.087	-12.485	-14.694	-15.645	-14.250	-9.978	-3.270	4.433

Table 7-12-7

TABLE OF CORRECTED ACCELERATION RECORD — NO. 7

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	11.126	14.964	14.974	11.409	5.613	-0.537	-5.332	-7.765	-7.680	-5.564
3011	30.10	-2.145	1.939	6.238	10.379	13.881	16.104	16.415	14.517	10.724	5.982
3021	30.20	1.561	-1.479	-2.772	-2.806	-2.641	-3.288	-5.066	-7.300	-8.547	-7.314
3031	30.30	-2.914	3.956	11.256	16.317	16.945	12.432	3.995	-5.586	-13.022	-15.820
3041	30.40	-13.300	-6.672	0.541	5.688	6.306	2.016	-5.550	-13.420	-18.462	-18.588
3051	30.50	-13.510	-4.774	4.902	12.699	16.739	16.701	13.797	10.156	7.888	8.205
3061	30.60	10.961	14.752	17.541	17.520	13.867	7.085	-1.195	-8.871	-14.187	-16.370
3071	30.70	-15.842	-13.905	-12.077	-11.379	-11.897	-12.812	-12.882	-11.129	-7.394	-2.491
3081	30.80	2.142	5.112	5.757	4.491	2.625	1.743	2.916	6.145	10.317	13.710
3091	30.90	14.807	13.025	8.987	4.202	0.305	-1.758	-2.182	-2.142	-3.098	-5.919
3101	31.00	-10.289	-14.720	-17.222	-16.296	-11.773	-5.048	1.436	5.238	5.008	1.102
3111	31.10	-4.585	-9.486	-11.513	-9.949	-5.677	-0.662	3.023	4.144	2.781	0.130
3121	31.20	-2.196	-3.002	-2.038	0.005	1.978	2.956	2.736	1.902	1.470	2.297
3131	31.30	4.596	7.786	10.741	12.286	11.703	8.996	4.856	0.342	-3.505	-5.994
3141	31.40	-6.920	-6.527	-5.350	-4.032	-3.140	-3.033	-3.760	-5.037	-6.308	-6.930
3151	31.50	-6.437	-4.777	-2.419	-0.211	0.963	0.619	-1.024	-3.035	-4.112	-3.155
3161	31.60	0.194	5.289	10.647	14.506	15.521	13.309	8.609	2.974	-1.843	-4.556
3171	31.70	-4.785	-3.114	-0.772	0.907	1.010	-0.627	-3.392	-6.149	-7.653	-7.048
3181	31.80	-4.091	0.646	5.988	10.526	13.102	13.225	11.263	8.293	5.659	4.382
3191	31.90	4.692	5.895	6.671	5.688	2.269	-3.222	-9.457	-14.684	-17.468	-17.295
3201	32.00	-14.728	-11.072	-7.711	-5.472	-4.330	-3.587	-2.391	-0.291	2.479	5.147
3211	32.10	6.873	7.251	6.562	5.616	5.283	5.987	7.461	8.889	9.357	8.338
3221	32.20	5.938	2.759	-0.499	-3.447	-6.152	-8.919	-11.865	-14.565	-16.052	-15.241
3231	32.30	-11.580	-5.550	1.315	6.974	9.782	9.280	6.460	3.306	1.818	3.002
3241	32.40	6.332	9.997	11.809	10.330	5.642	-0.636	-6.108	-8.750	-7.889	-4.523
3251	32.50	-0.835	0.856	-0.801	-5.563	-11.698	-16.762	-18.659	-16.502	-10.923	-3.735
3261	32.60	2.836	7.022	8.115	6.605	3.863	1.530	0.880	2.362	5.487	9.056
3271	32.70	11.650	12.204	10.444	7.038	3.344	0.848	0.487	2.151	4.630	6.072
3281	32.80	4.823	0.282	-6.633	-13.689	-18.188	-18.140	-13.228	-5.105	3.168	8.351
3291	32.90	8.391	3.322	-4.709	-12.323	-16.307	-14.927	-8.593	0.384	8.807	13.901
3301	33.00	14.373	10.790	5.201	0.207	-2.090	-0.840	3.336	8.688	13.051	14.632
3311	33.10	12.625	7.460	0.646	-5.726	-9.674	-9.997	-6.726	-1.163	4.531	8.110
3321	33.20	8.115	4.501	-1.260	-6.715	-9.422	-8.015	-2.870	3.954	9.517	11.242
3331	33.30	8.048	0.885	-7.615	-14.219	-16.448	-13.620	-7.111	0.263	5.465	6.509
3341	33.40	3.249	-2.650	-8.480	-11.653	-10.725	-5.880	1.289	8.522	13.822	16.159
3351	33.50	15.691	13.506	11.027	9.397	9.061	9.691	10.418	10.234	8.404	4.753
3361	33.60	-0.266	-5.697	-10.377	-13.299	-13.956	-12.539	-9.919	-7.367	-6.096	-6.767
3371	33.70	-9.051	-11.826	-13.382	-12.206	-7.680	-0.504	7.414	13.604	16.005	13.856
3381	33.80	8.098	1.074	-4.393	-6.172	-3.731	1.623	7.312	10.619	9.894	5.290
3391	33.90	-1.302	-7.098	-9.651	-7.924	-2.722	3.687	8.586	9.965	7.326	1.795
3401	34.00	-4.448	-9.143	-10.847	-9.420	-5.913	-2.009	0.701	1.285	-0.299	-3.338
3411	34.10	-6.702	-9.243	-10.092	-8.848	-5.645	-1.150	3.549	7.181	8.667	7.535
3421	34.20	4.218	0.041	-3.195	-3.916	-1.525	3.197	8.250	11.179	10.132	4.770
3431	34.30	-3.418	-11.591	-16.651	-16.516	-10.996	-1.901	7.673	14.565	16.739	13.949
3441	34.40	7.654	0.282	-5.781	-9.028	-9.178	-6.994	-3.746	-0.631	1.606	2.739
3451	34.50	2.911	2.600	1.463	0.305	-0.885	-1.895	-2.525	-2.659	-2.323	-1.673
3461	34.60	-0.879	-0.005	1.051	2.499	4.478	6.888	9.312	11.128	11.746	10.883
3471	34.70	8.713	5.819	2.967	0.805	-0.358	-0.605	-0.299	0.109	0.248	-0.118
3481	34.80	-1.109	-2.776	-5.086	-7.845	-10.611	-12.707	-13.394	-12.170	-9.073	-4.797
3491	34.90	-0.526	2.483	3.418	2.263	-0.183	-2.659	-3.995	-5.610	-1.709	0.905

Table 7-12-8

TABLE OF CORRECTED ACCELERATION RECORD — NO. 8

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	3.285	4.824	5.492	5.730	6.073	6.729	7.390	7.376	6.064	3.347
3511	35.10	-0.143	-3.215	-4.636	-3.760	-0.920	2.619	5.158	5.307	2.615	-2.202
3521	35.20	-7.551	-11.641	-13.229	-12.106	-9.120	-5.730	-3.334	-2.662	-3.513	-4.922
3531	35.30	-5.651	-4.780	-2.121	1.712	5.569	8.257	9.019	7.818	5.321	2.606
3541	35.40	0.739	0.373	1.534	3.655	5.822	7.135	7.038	5.501	3.000	0.306
3551	35.50	-1.809	-2.857	-2.793	-1.994	-1.080	-0.658	-1.081	-2.320	-3.990	-5.519
3561	35.60	-6.370	-6.249	-5.196	-3.547	-1.772	-0.287	0.714	1.304	1.754	2.363
3571	35.70	3.281	4.390	5.316	5.568	4.762	2.828	0.119	-2.654	-4.634	-5.119
3581	35.80	-3.825	-1.016	2.565	5.937	8.207	8.853	7.861	5.671	2.976	0.444
3591	35.90	-1.490	-2.721	-3.404	-3.794	-4.050	-4.127	-3.774	-2.666	-0.603	2.303
3601	36.00	5.533	8.221	9.372	8.195	4.432	-1.416	-8.098	-13.897	-17.130	-16.725
3611	36.10	-12.657	-6.057	1.099	6.646	9.003	7.765	3.857	-0.847	-4.280	-5.027
3621	36.20	-2.884	1.114	5.212	7.758	7.962	6.230	3.914	2.615	3.353	6.023
3631	36.30	9.399	11.694	11.415	8.111	2.652	-3.101	-7.093	-7.977	-5.726	-1.671
3641	36.40	2.045	3.345	1.079	-4.521	-11.932	-18.925	-23.394	-24.075	-20.915	-14.976
3651	36.50	-7.956	-1.565	3.026	5.448	6.076	5.706	5.140	4.846	4.828	4.734
3661	36.60	4.123	2.779	0.905	-0.877	-1.736	-0.954	1.761	6.121	11.308	16.216
3671	36.70	19.772	21.217	20.251	17.019	11.999	5.861	-0.632	-6.675	-11.475	-14.364
3681	36.80	-14.968	-13.383	-10.257	-6.660	-3.760	-2.390	-2.704	-4.092	-5.446	-5.678
3691	36.90	-4.254	-1.495	1.530	3.495	3.470	1.420	-1.699	-4.326	-4.971	-2.896
3701	37.00	1.540	7.018	11.817	14.516	14.534	12.275	8.859	5.602	3.502	2.942
3711	37.10	3.694	5.140	6.554	7.314	6.990	5.367	2.466	-1.395	-5.551	-9.060
3721	37.20	-10.957	-10.654	-8.313	-4.981	-2.326	-1.999	-4.871	-10.489	-17.075	-22.122
3731	37.30	-23.401	-19.934	-12.485	-3.293	4.840	9.734	10.739	8.932	6.525	5.744
3741	37.40	7.715	11.884	16.252	18.315	16.271	9.937	0.940	-7.906	-13.758	-14.925
3751	37.50	-11.562	-5.573	0.203	3.174	2.026	-2.802	-9.378	-15.115	-17.858	-16.708
3761	37.60	-12.329	-6.609	-1.849	0.178	-1.073	-4.736	-8.905	-11.411	-10.692	-6.400
3771	37.70	0.465	7.953	13.924	16.854	16.380	13.352	9.415	6.277	5.006	5.632
3781	37.80	7.231	8.413	8.001	5.582	1.678	-2.511	-5.672	-6.972	-6.407	-4.753
3791	37.90	-3.154	-2.559	-3.273	-4.829	-6.231	-6.449	-4.929	-1.881	1.759	4.689
3801	38.00	5.742	4.343	0.733	-4.090	-8.686	-11.611	-11.847	-9.098	-3.885	2.590
3811	38.10	8.769	13.195	14.969	14.078	11.451	8.663	7.359	8.561	12.144	16.730
3821	38.20	20.123	20.172	15.737	7.339	-2.843	-11.699	-16.401	-15.598	-10.055	-2.423
3831	38.30	3.834	5.899	2.828	-4.021	-11.574	-16.402	-16.258	-11.067	-3.057	4.428
3841	38.40	8.271	7.093	1.858	-4.573	-8.748	-8.194	-2.544	6.276	14.874	19.840
3851	38.50	19.166	13.026	3.620	-5.811	-12.313	-14.322	-12.093	-7.356	-2.414	0.863
3861	38.60	1.725	0.667	-0.990	-1.798	-0.846	1.885	5.574	8.932	10.718	10.169
3871	38.70	7.244	2.594	-2.656	-7.255	-10.187	-10.949	-9.694	-7.179	-4.525	-2.834
3881	38.80	-2.789	-4.364	-6.784	-8.784	-9.093	-6.976	-2.602	2.922	7.915	10.746
3891	38.90	10.484	7.300	2.434	-2.266	-5.058	-4.991	-2.262	1.880	5.663	7.512
3901	39.00	6.679	3.505	-0.760	-4.509	-6.463	-6.183	-4.224	-1.845	-0.441	-0.909
3911	39.10	-3.245	-6.534	-9.329	-10.270	-8.675	-4.840	0.064	4.468	7.052	7.267
3921	39.20	5.527	2.983	0.972	0.411	1.393	3.181	4.596	4.618	2.912	0.025
3931	39.30	-2.847	-4.425	-3.979	-1.716	1.266	3.466	3.688	1.629	-1.914	-5.366
3941	39.40	-7.066	-6.034	-2.451	2.376	6.561	8.460	7.383	3.890	-0.478	-3.902
3951	39.50	-5.086	-3.803	-0.925	2.047	3.731	3.519	1.838	-0.108	-0.966	0.069
3961	39.60	2.848	6.325	9.065	9.938	8.660	5.913	2.998	1.189	1.108	2.423
3971	39.70	4.019	4.539	3.041	-0.562	-5.457	-10.310	-13.842	-15.338	-14.837	-12.966
3981	39.80	-10.519	-8.048	-5.664	-3.145	-0.250	2.962	6.012	8.167	8.802	7.768
3991	39.90	5.541	3.062	1.339	0.994	2.014	3.803	5.528	6.551	6.732	6.422

Table 7-12-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1204 S102-PI-1-1 HB. (HD.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	6.183	6.377	6.866	7.010	5.978	3.211	-1.187	-6.364	-10.986	-13.773
4011	40.10	-14.025	-11.918	-8.428	-4.905	-2.523	-1.818	-2.532	-3.802	-4.573	-4.065
4021	40.20	-2.074	0.983	4.274	6.900	8.223	8.067	6.725	4.796	2.941	1.639
4031	40.30	1.039	0.949	0.968	0.695	-0.042	-1.059	-1.844	-1.762	-0.362	2.332
4041	40.40	5.701	8.661	10.035	9.026	5.589	0.528	-4.761	-8.809	-10.641	-10.141
4051	40.50	-8.054	-5.629	-4.058	-3.984	-5.285	-7.209	-8.781	-9.250	-8.383	-6.469
4061	40.60	-4.088	-1.790	0.138	1.706	3.076	4.368	5.540	6.422	6.861	6.873
4071	40.70	6.676	6.569	6.732	7.076	7.264	6.907	5.840	4.303	2.882	2.210
4081	40.80	2.561	3.565	4.237	3.358	0.064	-5.639	-12.700	-19.314	-23.575	-24.212
4091	40.90	-21.081	-15.201	-8.320	-2.228	1.879	3.718	3.829	3.179	2.671	2.813
4101	41.00	3.632	4.833	6.043	6.998	7.598	7.842	7.736	7.273	6.472	5.464
4111	41.10	4.495	3.836	3.601	3.608	3.379	2.335	0.119	-3.119	-6.666	-9.362
4121	41.20	-10.247	-8.841	-5.525	-1.438	1.942	3.399	2.477	-0.347	-3.876	-6.705
4131	41.30	-7.777	-6.757	-4.065	-0.612	2.627	4.975	6.225	6.567	6.380	6.007
4141	41.40	5.631	5.275	4.890	4.432	3.895	3.273	2.527	1.594	0.460	-0.753
4151	41.50	-1.744	-2.125	-1.598	-0.166	1.761	3.452	4.136	3.355	1.235	-1.489
4161	41.60	-3.736	-4.533	-3.473	-0.939	2.012	4.075	4.266	2.362	-0.971	-4.449
4171	41.70	-6.707	-6.875	-4.939	-1.731	1.452	3.411	3.556	2.138	0.101	-1.368
4181	41.80	-1.386	0.213	2.787	5.153	6.098	4.923	1.782	-2.324	-5.914	-7.601
4191	41.90	-6.666	-3.383	1.030	4.843	6.451	5.002	0.743	-5.035	-10.454	-13.735
4201	42.00	-13.849	-10.884	-5.981	-0.873	2.794	4.072	3.022	0.604	-1.787	-2.938
4211	42.10	-2.317	-0.243	2.319	4.259	4.751	3.786	1.985	0.378	-0.101	0.968
4221	42.20	3.298	6.039	8.147	8.835	7.891	5.742	3.250	1.343	0.637	1.207
4231	42.30	2.584	3.954	4.468	3.543	1.047	-2.671	-6.913	-10.843	-13.722	-15.093
4241	42.40	-14.861	-13.267	-10.771	-7.884	-5.007	-2.342	0.112	2.465	4.797	7.044
4251	42.50	8.968	10.226	10.527	9.795	8.248	6.364	4.717	3.764	3.670	4.255
4261	42.60	5.076	5.607	5.433	4.374	2.496	0.039	-2.690	-5.389	-7.786	-9.622
4271	42.70	-10.654	-10.703	-9.737	-7.949	-5.755	-3.678	-2.158	-1.358	-1.091	-0.898
4281	42.80	-0.285	1.022	2.911	4.925	6.473	7.131	6.844	5.942	4.927	4.171
4291	42.90	3.681	3.079	1.825	-0.423	-3.515	-6.751	-9.124	-9.760	-8.332	-5.250
4301	43.00	-1.503	1.771	3.776	4.377	4.078	3.687	3.849	4.692	5.766	6.312
4311	43.10	5.699	3.801	1.107	-1.505	-3.200	-3.619	-3.070	-2.382	-2.490	-3.944
4321	43.20	-6.588	-9.568	-11.664	-11.804	-9.530	-5.218	0.031	4.791	7.813	8.461
4331	43.30	6.907	4.038	1.116	-0.672	-0.622	1.250	4.239	7.222	9.077	9.114
4341	43.40	7.333	4.425	1.476	-0.496	-0.996	-0.292	0.694	0.805	-0.784	-4.114
4351	43.50	-8.325	-11.962	-13.587	-12.423	-8.741	-3.789	0.723	3.347	3.512	1.739
4361	43.60	-0.638	-2.116	-1.718	0.579	3.872	6.798	8.191	7.628	5.593	3.217
4371	43.70	1.722	1.848	3.524	5.925	7.860	8.297	6.783	3.588	-0.460	-4.340
4381	43.80	-7.226	-8.730	-8.930	-8.220	-7.070	-5.836	-4.669	-3.549	-2.390	-1.139
4391	43.90	0.160	1.375	2.328	2.859	2.875	2.376	1.457	0.303	-0.847	-1.737
4401	44.00	-2.159	-2.007	-1.321	-0.292	0.788	1.610	1.945	1.720	1.042	0.151
4411	44.10	-0.665	-1.177	-1.293	-1.083	-0.744	-0.502	-0.510	-0.760	-1.065	-1.123
4421	44.20	-0.643	0.496	2.137	3.836	4.970	4.968	3.542	0.867	-2.423	-5.417
4431	44.30	-7.243	-7.402	-5.974	-3.589	-1.179	0.411	0.778	0.118	-0.881	-1.377
4441	44.40	-0.792	0.882	3.037	4.693	4.933	3.338	0.225	-3.419	-6.295	-7.290
4451	44.50	-5.921	-2.529	1.827	5.758	8.029	7.982	5.736	2.104	-1.706	-4.505
4461	44.60	-5.500	-4.513	-1.991	1.191	4.045	5.805	6.179	5.411	4.161	3.215
4471	44.70	3.145	4.043	5.461	6.579	6.574	5.027	2.185	-1.056	-3.484	-4.097
4481	44.80	-2.598	0.386	3.479	5.103	4.170	0.612	-4.506	-9.376	-12.175	-11.839
4491	44.90	-8.509	-3.456	1.494	4.761	5.674	4.678	3.005	1.979	2.314	3.760

Table 7-12-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	5.270	5.609	4.065	0.916	-2.634	-5.018	-5.094	-2.771	0.868	4.018
4511	45.10	4.983	2.986	-1.434	-6.632	-10.575	-11.728	-9.702	-5.366	-0.402	3.461
4521	45.20	5.171	4.706	2.936	1.109	0.238	0.694	2.140	3.807	4.903	4.955
4531	45.30	3.919	2.087	-0.134	-2.395	-4.459	-6.157	-7.316	-7.760	-7.403	-6.364
4541	45.40	-5.001	-3.794	-3.099	-2.906	-2.760	-1.939	0.159	3.595	7.681	11.139
4551	45.50	12.600	11.249	7.283	1.954	-2.893	-5.588	-5.365	-2.706	0.878	3.536
4561	45.60	3.912	1.742	-2.076	-5.945	-8.345	-8.525	-6.789	-4.261	-2.274	-1.693
4571	45.70	-2.531	-4.013	-5.029	-4.732	-2.952	-0.239	2.464	4.320	4.988	4.712
4581	45.80	4.085	3.643	3.538	3.473	2.940	1.605	-0.384	-2.357	-3.411	-2.863
4591	45.90	-0.652	2.548	5.569	7.245	6.929	4.771	1.643	-1.250	-2.879	-2.774
4601	46.00	-1.128	1.398	4.017	6.129	7.460	7.990	7.785	6.851	5.137	2.658
4611	46.10	-0.351	-3.389	-5.817	-7.127	-7.206	-6.425	-5.488	-5.080	-5.496	-6.454
4621	46.20	-7.212	-6.955	-5.253	-2.343	0.902	3.415	4.432	3.932	2.680	1.870
4631	46.30	2.514	4.882	8.289	11.339	12.544	11.022	6.926	1.414	-3.837	-7.349
4641	46.40	-8.439	-7.447	-5.486	-3.874	-3.522	-4.561	-6.373	-7.956	-8.438	-7.480
4651	46.50	-5.391	-2.931	-0.935	0.057	-0.009	-0.747	-1.565	-1.941	-1.629	-0.704
4661	46.60	0.524	1.678	2.461	2.740	2.559	2.078	1.508	1.039	0.788	0.772
4671	46.70	0.902	1.024	0.984	0.715	0.295	-0.055	-0.059	0.470	1.499	2.709
4681	46.80	3.572	3.538	2.267	-0.191	-3.368	-6.511	-8.831	-9.768	-9.159	-7.248
4691	46.90	-4.563	-1.720	0.757	2.545	3.531	3.784	3.501	2.970	2.537	2.540
4701	47.00	3.210	4.562	6.328	7.997	8.982	8.860	7.588	5.574	3.548	2.266
4711	47.10	2.173	3.182	4.689	5.823	5.832	4.425	1.899	-0.999	-3.413	-4.763
4721	47.20	-4.983	-4.504	-4.005	-4.058	-4.839	-6.058	-7.113	-7.404	-6.638	-4.982
4731	47.30	-2.994	-1.378	-0.676	-1.038	-2.172	-3.468	-4.249	-4.025	-2.658	-0.395
4741	47.40	2.237	4.605	6.168	6.616	5.953	4.481	2.708	1.211	0.466	0.705
4751	47.50	1.843	3.497	5.120	6.182	6.357	5.620	4.230	2.588	1.047	-0.243
4761	47.60	-1.381	-2.623	-4.208	-6.172	-8.275	-10.056	-11.013	-10.828	-9.510	-7.399
4771	47.70	-5.022	-2.866	-1.182	0.087	1.221	2.529	4.147	5.945	7.571	8.635
4781	47.80	8.912	8.466	7.616	6.762	6.160	5.760	5.223	4.098	2.098	-0.682
4791	47.90	-3.716	-6.222	-7.490	-7.208	-5.640	-3.541	-1.855	-1.318	-2.146	-3.559
4801	48.00	-5.959	-7.291	-7.407	-6.266	-4.295	-2.148	-0.387	0.746	1.380	1.874
4811	48.10	2.582	3.655	4.983	6.280	7.250	7.742	7.780	7.496	6.999	6.278
4821	48.20	5.213	3.682	1.690	-0.556	-2.703	-4.403	-5.496	-6.095	-6.515	-7.075
4831	48.30	-7.868	-8.632	-8.822	-7.852	-5.423	-1.746	2.449	6.146	8.430	8.851
4841	48.40	7.603	5.433	3.326	2.110	2.151	3.255	4.801	6.012	6.255	5.237
4851	48.50	3.052	0.099	-3.066	-5.884	-7.909	-8.884	-8.773	-7.773	-6.267	-4.721
4861	48.60	-3.542	-2.922	-2.762	-2.713	-2.347	-1.389	0.106	1.728	2.891	3.131
4871	48.70	2.383	1.088	0.033	-0.011	1.300	3.631	6.040	7.348	6.677	3.896
4881	48.80	-0.248	-4.382	-7.063	-7.372	-5.297	-1.717	1.986	4.509	5.137	3.955
4891	48.90	1.702	-0.646	-2.334	-3.105	-3.199	-3.095	-3.175	-3.490	-3.748	-3.529
4901	49.00	-2.574	-0.989	0.749	2.009	2.314	1.595	0.233	-1.105	-1.781	-1.476
4911	49.10	-0.305	1.277	2.737	3.744	4.313	4.748	5.409	6.442	7.622	8.401
4921	49.20	8.159	6.525	3.612	0.039	-3.296	-5.578	-6.425	-6.029	-5.054	-4.303
4931	49.30	-4.339	-5.217	-6.468	-7.331	-7.128	-5.590	-2.999	-0.067	2.382	3.766
4941	49.40	3.987	3.438	2.786	2.637	3.247	4.397	5.496	5.859	5.020	2.959
4951	49.50	0.138	-2.659	-4.617	-5.188	-4.289	-2.324	-0.033	1.776	2.512	2.009
4961	49.60	0.583	-1.090	-2.226	-2.247	-1.024	1.031	3.095	4.241	3.818	1.759
4971	49.70	-1.338	-4.407	-6.327	-6.397	-4.662	-1.929	0.561	1.670	0.885	-1.423
4981	49.80	-4.133	-5.865	-5.610	-3.219	0.495	4.085	6.113	5.798	3.390	0.076
4991	49.90	-2.536	-3.130	-1.276	2.359	6.282	8.791	8.681	5.728	0.774	-4.621

Table 7-12-11

TABLE OF CORRECTED ACCELERATION RECORD

NO.11

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-8.780	-10.525	-9.555	-6.481	-2.529	0.938	2.896	2.958	1.429	-0.869
5011	50.10	-2.932	-3.923	-3.453	-1.680	0.768	3.043	4.403	4.504	3.556	2.242
5021	50.20	1.443	1.838	3.562	6.060	8.241	8.896	7.207	3.144	-2.437	-8.060
5031	50.30	-12.160	-13.660	-12.350	-8.907	-4.563	-0.583	2.224	3.718	4.331	4.708
5041	50.40	5.300	6.119	6.763	6.686	5.557	3.508	1.143	-0.702	-1.339	-0.546
5051	50.50	1.317	3.444	4.907	5.018	3.562	0.832	-2.527	-5.776	-8.318	-9.823
5061	50.60	-10.237	-9.706	-8.476	-6.816	-4.983	-3.190	-1.584	-0.209	1.005	2.206
5071	50.70	3.532	5.010	6.685	7.653	8.190	7.933	7.008	5.831	4.935	4.705
5081	50.80	5.133	5.766	5.771	4.478	1.578	-2.548	-6.903	-10.224	-11.495	-10.387
5091	50.90	-7.427	-3.793	-0.829	0.520	0.086	-1.494	-3.103	-3.688	-2.738	-0.506
5101	51.00	2.141	4.149	4.776	3.934	2.216	0.595	-0.026	0.756	2.669	4.877
5111	51.10	6.344	6.263	4.384	1.101	-2.704	-5.985	-7.883	-7.976	-6.365	-3.580
5121	51.20	-0.385	2.461	4.400	5.185	4.903	3.895	2.625	1.515	0.809	0.502
5131	51.30	0.365	0.071	-0.633	-1.771	-3.088	-4.116	-4.372	-3.581	-1.838	0.375
5141	51.40	2.354	3.433	3.263	1.963	0.094	-1.556	-2.268	-1.669	0.138	2.622
5151	51.50	5.031	6.656	7.061	6.193	4.352	2.048	-0.188	-1.973	-3.162	-3.852
5161	51.60	-4.307	-4.826	-5.607	-6.642	-7.700	-8.389	-8.309	-7.236	-5.261	-2.821
5171	51.70	-0.574	0.841	1.080	0.286	-0.921	-1.664	-1.175	0.842	4.016	7.395
5181	51.80	9.783	10.222	8.386	4.741	0.378	-3.417	-5.657	-6.018	-4.911	-3.242
5191	51.90	-1.984	-1.752	-2.558	-3.857	-4.830	-4.770	-3.392	-0.955	1.866	4.254
5201	52.00	5.565	5.541	4.361	2.528	0.662	-0.710	-1.301	-1.101	-0.339	0.628
5211	52.10	1.434	1.809	1.649	1.034	0.202	-0.536	-0.899	-0.735	-0.076	0.877
5221	52.20	1.839	2.559	2.927	3.008	2.987	3.052	3.268	3.508	3.483	2.872
5231	52.30	1.489	-0.587	-2.982	-5.125	-6.437	-6.536	-5.383	-3.299	-0.868	1.256
5241	52.40	2.547	2.754	1.951	0.491	-1.119	-2.367	-2.869	-2.457	-1.208	0.596
5251	52.50	2.551	4.244	5.365	5.776	5.523	4.805	3.866	2.902	2.001	1.139
5261	52.60	0.241	-0.733	-1.720	-2.552	-3.023	-3.011	-2.572	-1.978	-1.633	-1.917
5271	52.70	-2.995	-4.697	-6.520	-7.782	-7.871	-6.498	-3.846	-0.544	2.537	4.589
5281	52.80	5.164	4.334	2.651	0.917	-0.141	-0.164	0.708	1.913	2.732	2.624
5291	52.90	1.476	-0.328	-2.070	-3.024	-2.791	-1.504	0.204	1.468	1.577	0.313
5301	53.00	-1.917	-4.224	-5.609	-5.393	-3.537	-0.680	2.100	3.728	3.572	1.706
5311	53.10	-1.131	-3.841	-5.417	-5.339	-3.753	-1.372	0.841	2.081	2.000	0.814
5321	53.20	-0.828	-2.139	-2.504	-1.705	0.037	2.186	4.122	5.374	5.775	5.480
5331	53.30	4.866	4.354	4.233	4.543	5.069	5.429	5.238	4.270	2.568	0.446
5341	53.40	-1.609	-3.112	-3.747	-3.478	-2.547	-1.371	-0.374	0.156	0.155	-0.240
5351	53.50	-0.781	-1.217	-1.383	-1.224	-0.761	-0.054	0.828	1.803	2.753	3.516
5361	53.60	3.928	3.879	3.388	2.610	1.788	1.133	0.723	0.453	0.103	-0.527
5371	53.70	-1.470	-2.534	-3.378	-3.694	-3.400	-2.729	-2.150	-2.125	-2.837	-4.031
5381	53.80	-5.077	-5.250	-4.104	-1.753	1.111	3.479	4.472	3.752	1.686	-0.816
5391	53.90	-2.729	-3.388	-2.780	-1.500	-0.411	-0.171	-0.888	-2.070	-2.900	-2.685
5401	54.00	-1.235	1.016	3.223	4.537	4.538	3.418	1.870	0.723	0.533	1.327
5411	54.10	2.631	3.734	4.059	3.419	2.058	0.474	-0.865	-1.731	-2.189	-2.467
5421	54.20	-2.748	-3.032	-3.140	-2.868	-2.177	-1.299	-0.670	-0.717	-1.592	-3.037
5431	54.30	-4.435	-5.071	-4.462	-2.600	0.021	2.618	4.471	5.237	5.075	4.522
5441	54.40	4.192	4.435	5.153	5.868	5.887	4.846	2.758	0.144	-2.203	-3.576
5451	54.50	-3.675	-2.742	-1.442	-0.541	-0.530	-1.391	-2.603	-3.406	-3.189	-1.816
5461	54.60	0.266	2.208	3.151	2.644	0.893	-1.295	-2.852	-2.939	-1.343	1.395
5471	54.70	4.206	5.965	5.992	4.362	1.859	-0.402	-1.500	-1.133	0.256	1.718
5481	54.80	2.277	1.416	-0.672	-3.187	-5.117	-5.740	-4.948	-3.374	-1.896	-1.360
5491	54.90	-2.072	-3.664	-5.281	-5.984	-5.190	-2.935	0.161	3.175	5.279	6.040

Table 7-12-12

TABLE OF CORRECTED ACCELERATION RECORD

NO.12

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	5.532	4.206	2.641	1.294	0.371	-0.157	-0.428	-0.561	-0.589	-0.474
5511	55.10	-0.189	0.222	0.624	0.845	0.745	0.279	-0.498	-1.462	-2.464	-3.364
5521	55.20	-4.026	-4.315	-4.110	-3.353	-2.114	-0.631	0.721	1.545	1.590	0.882
5531	55.30	-0.237	-1.222	-1.524	-0.827	0.817	3.001	5.115	6.584	7.067	6.537
5541	55.40	5.234	3.511	1.683	-0.063	-1.663	-3.094	-4.296	-5.138	-5.457	-5.145
5551	55.50	-4.229	-2.892	-1.433	-0.166	0.672	0.982	0.806	0.293	-0.349	-0.885
5561	55.60	-1.081	-0.732	0.284	1.938	3.996	6.019	7.445	7.754	6.654	4.212
5571	55.70	0.880	-2.620	-5.510	-7.185	-7.380	-6.212	-4.100	-1.600	0.763	2.616
5581	55.80	3.776	4.219	4.021	3.299	2.182	0.822	-0.596	-1.845	-2.678	-2.869
5591	55.90	-2.291	-0.970	0.872	2.831	4.401	5.107	4.663	3.095	0.775	-1.669
5601	56.00	-3.561	-4.420	-4.152	-3.092	-1.859	-1.083	-1.107	-1.829	-2.747	-3.214
5611	56.10	-2.773	-1.412	0.403	1.945	2.600	2.194	1.109	0.106	-0.080	0.846
5621	56.20	2.523	4.054	4.429	3.040	0.048	-3.620	-6.638	-7.879	-6.927	-4.279
5631	56.30	-1.110	1.274	2.041	1.193	-0.479	-1.834	-1.966	-0.662	1.502	3.470
5641	56.40	4.253	3.435	1.395	-0.875	-2.251	-2.019	-0.218	2.382	4.645	5.586
5651	56.50	4.800	2.611	-0.125	-2.432	-3.642	-3.649	-2.878	-2.017	-1.668	-2.060
5661	56.60	-2.984	-3.928	-4.338	-3.883	-2.587	-0.798	0.978	2.295	2.930	2.941
5671	56.70	2.607	2.283	2.248	2.595	3.201	3.783	4.015	3.660	2.678	1.264
5681	56.80	-0.195	-1.250	-1.547	-0.976	0.270	1.740	2.884	3.253	2.673	1.310
5691	56.90	-0.406	-1.963	-2.977	-3.339	-3.226	-2.974	-2.883	-3.048	-3.302	-3.307
5701	57.00	-2.739	-1.488	0.245	2.001	3.248	3.608	3.033	1.834	0.556	-0.244
5711	57.10	-0.214	0.669	2.115	3.654	4.816	5.279	4.937	3.884	2.346	0.600
5721	57.20	-1.076	-2.438	-3.300	-3.570	-3.291	-2.658	-1.980	-1.584	-1.683	-2.272
5731	57.30	-3.107	-3.799	-3.984	-3.501	-2.476	-1.270	-0.304	0.152	0.116	-0.122
5741	57.40	-0.174	0.218	0.997	1.795	2.104	1.567	0.220	-1.448	-2.664	-2.723
5751	57.50	-1.338	1.171	3.957	5.990	6.487	5.258	2.786	0.015	-2.057	-2.805
5761	57.60	-2.201	-0.779	0.652	1.391	1.140	0.093	-1.213	-2.177	-2.414	-1.894
5771	57.70	-0.910	0.092	0.722	0.783	0.305	-0.529	-1.487	-2.370	-3.031	-3.368
5781	57.80	-3.296	-2.768	-1.814	-0.577	0.693	1.711	2.279	2.384	2.217	2.099
5791	57.90	2.323	2.998	3.981	4.927	5.450	5.312	4.538	3.403	2.283	1.453
5801	58.00	0.938	0.495	-0.258	-1.620	-3.613	-5.904	-7.903	-8.992	-8.778	-7.272
5811	58.10	-4.886	-2.283	-0.115	1.212	1.665	1.551	1.353	1.510	2.237	3.456
5821	58.20	4.845	5.991	6.550	6.369	5.524	4.255	2.856	1.548	0.407	-0.639
5831	58.30	-1.732	-2.984	-4.372	-5.704	-6.663	-6.923	-6.291	-4.818	-2.816	-0.774
5841	58.40	0.810	1.607	1.580	0.985	0.260	-0.167	-0.959	0.544	1.364	2.028
5851	58.50	2.265	2.033	1.550	1.178	1.269	1.883	2.909	3.913	4.400	3.998
5861	58.60	2.618	0.500	-1.864	-3.901	-5.149	-5.399	-4.737	-3.487	-2.084	-0.926
5871	58.70	-0.257	-0.107	-0.308	-0.566	-0.566	-0.084	0.923	2.286	3.658	4.609
5881	58.80	4.768	3.956	2.267	0.064	-2.123	-3.772	-4.529	-4.328	-3.396	-2.152
5891	58.90	-1.043	-0.387	-0.273	-0.565	-0.995	-1.290	-1.285	-0.962	-0.423	0.196
5901	59.00	0.803	1.389	2.011	2.725	3.521	4.290	4.842	4.978	4.565	3.598
5911	59.10	2.196	0.567	-1.071	-2.547	-3.765	-4.689	-5.302	-5.572	-5.446	-4.874
5921	59.20	-3.842	-2.513	-1.031	0.321	1.295	1.745	1.681	1.268	0.770	0.457
5931	59.30	0.513	0.969	1.693	2.439	2.926	2.931	2.363	1.296	-0.046	-1.351
5941	59.40	-2.305	-2.690	-2.456	-1.750	-0.885	-0.241	-0.141	-0.720	-1.854	-3.169
5951	59.50	-4.159	-4.353	-3.504	-1.701	0.631	2.860	4.363	4.746	3.986	2.430
5961	59.60	0.661	-0.727	-1.349	-1.154	-0.415	0.410	0.880	0.756	0.075	-0.885
5971	59.70	-1.747	-2.200	-2.119	-1.595	-0.863	-0.177	0.313	0.618	0.885	1.306
5981	59.80	2.004	2.951	3.952	4.715	4.952	4.492	3.347	1.713	-0.094	-1.739
5991	59.90	-2.958	-3.623	-3.745	-3.433	-2.834	-2.083	-1.276	-0.482	0.233	0.784

Table 7-12-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	1.073	1.027	0.667	0.045	-0.562	-0.910	-0.786	-0.119	0.967	2.186
6011	60.10	3.189	3.699	3.621	3.075	2.335	1.695	1.328	1.203	1.106	0.759
6021	60.20	-0.026	-1.227	-2.587	-3.713	-4.251	-4.046	-3.225	-2.149	-1.252	-0.854
6031	60.30	-1.016	-1.525	-2.004	-2.097	-1.644	-0.758	0.228	0.921	1.045	0.578
6041	60.40	-0.244	-1.025	-1.387	-1.122	-0.275	0.883	1.971	2.641	2.694	2.126
6051	60.50	1.097	-0.146	-1.356	-2.342	-2.990	-3.253	-3.124	-2.625	-1.810	-0.777
6061	60.60	0.328	1.323	2.022	2.289	2.083	1.484	0.687	-0.048	-0.469	-0.415
6071	60.70	0.119	0.963	1.817	2.343	2.286	1.579	0.387	-0.932	-1.946	-2.307
6081	60.80	-1.876	-0.779	0.643	1.975	2.891	3.266	3.199	2.929	2.691	2.583
6091	60.90	2.525	2.309	1.733	0.746	-0.490	-1.643	-2.350	-2.400	-1.844	-0.994
6101	61.00	-0.296	-0.127	-0.620	-1.586	-2.587	-3.107	-2.763	-1.455	0.603	2.970
6111	61.10	5.139	6.691	7.397	7.230	6.317	4.874	3.157	1.428	-0.051	-1.055
6121	61.20	-1.446	-1.241	-0.641	0.003	0.290	-0.073	-1.143	-2.694	-4.288	-5.431
6131	61.30	-5.764	-5.198	-3.931	-2.347	-0.854	0.273	0.963	1.317	1.498	1.611
6141	61.40	1.648	1.507	1.085	0.375	-0.488	-1.265	-1.717	-1.714	-1.300	-0.673
6151	61.50	-0.091	0.250	0.292	0.120	-0.104	-0.242	-0.255	-0.219	-0.268	-0.515
6161	61.60	-0.981	-1.582	-2.173	-2.617	-2.844	-2.867	-2.745	-2.531	-2.242	-1.859
6171	61.70	-1.371	-0.821	-0.321	-0.014	-0.000	-0.262	-0.646	-0.917	-0.866	-0.421
6181	61.80	0.297	1.018	1.451	1.431	1.022	0.501	0.235	0.494	1.301	2.384
6191	61.90	3.277	3.522	2.882	1.462	-0.311	-1.857	-2.680	-2.564	-1.658	-0.392
6201	62.00	0.706	1.225	1.019	0.226	-0.831	-1.793	-2.411	-2.600	-2.413	-1.950
6211	62.10	-1.281	-0.414	0.663	1.904	3.148	4.131	4.573	4.305	3.383	2.104
6221	62.20	0.915	0.238	0.280	0.937	1.816	2.405	2.298	1.385	-0.082	-1.597
6231	62.30	-2.616	-2.813	-2.224	-1.240	-0.423	-0.239	-0.830	-1.935	-2.997	-3.423
6241	62.40	-2.866	-1.407	0.464	2.054	2.774	2.405	1.204	-0.212	-1.141	-1.108
6251	62.50	-0.074	1.555	3.119	4.001	3.888	2.887	1.435	0.082	-0.776	-1.050
6261	62.60	-0.954	-0.849	-1.019	-1.504	-2.074	-2.348	-2.004	-0.965	0.523	1.973
6271	62.70	2.848	2.780	1.714	-0.076	-2.098	-3.821	-4.845	-4.994	-4.319	-3.029
6281	62.80	-1.409	0.246	1.665	2.611	2.903	2.455	1.328	-0.242	-1.372	-3.115
6291	62.90	-3.599	-3.142	-1.822	0.050	2.031	3.689	4.722	5.015	4.629	3.734
6301	63.00	2.539	1.241	0.006	-1.024	-1.733	-2.048	-1.974	-1.612	-1.156	-0.831
6311	63.10	-0.816	-1.165	-1.777	-2.432	-2.875	-2.914	-2.490	-1.677	-0.641	0.437
6321	63.20	1.416	2.211	2.771	3.040	2.944	2.418	1.465	0.203	-1.125	-2.210
6331	63.30	-2.780	-2.710	-2.078	-1.136	-0.216	0.404	0.597	0.422	0.063	-0.267
6341	63.40	-0.420	-0.359	-0.137	0.167	0.510	0.910	1.416	2.051	2.760	3.401
6351	63.50	3.791	3.785	3.338	2.534	1.552	0.591	-0.198	-0.760	-1.124	-1.367
6361	63.60	-1.561	-1.750	-1.946	-2.150	-2.362	-2.580	-2.774	-2.870	-2.757	-2.327
6371	63.70	-1.537	-0.464	0.696	1.683	2.272	2.374	2.071	1.585	1.174	1.007
6381	63.80	1.083	1.245	1.261	0.957	0.322	-0.473	-1.143	-1.425	-1.205	-0.579
6391	63.90	0.186	0.774	0.958	0.710	0.206	-0.255	-0.387	-0.049	0.693	1.581
6401	64.00	2.271	2.460	2.008	0.990	-0.326	-1.568	-2.380	-2.543	-2.040	-1.067
6411	64.10	0.040	0.914	1.293	1.110	0.514	-0.185	-0.648	-0.650	-0.178	0.561
6421	64.20	1.230	1.516	1.284	0.648	-0.071	-0.488	-0.338	0.386	1.411	2.293
6431	64.30	2.615	2.176	1.090	-0.254	-1.355	-1.826	-1.550	-0.737	0.182	0.745
6441	64.40	0.660	-0.070	-1.158	-2.166	-2.698	-2.563	-1.853	-0.895	-0.104	0.186
6451	64.50	-0.136	-0.920	-1.813	-2.400	-2.372	-1.647	-0.418	0.908	1.855	2.049
6461	64.60	1.365	-0.008	-1.617	-2.900	-3.384	-2.859	-1.462	0.369	2.056	3.100
6471	64.70	3.261	2.634	1.589	0.603	0.061	0.107	0.613	1.269	1.736	1.805
6481	64.80	1.464	0.875	0.260	-0.221	-0.539	-0.790	-1.104	-1.544	-2.037	-2.393
6491	64.90	-2.394	-1.904	-0.954	0.253	1.419	2.258	2.601	2.429	1.846	1.008

Table 7-12-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.058	-0.900	-1.780	-2.473	-2.832	-2.702	-1.997	-0.782	0.694	2.052
6511	65.10	2.908	3.026	2.427	1.388	0.337	-0.330	-0.414	0.013	0.656	1.147
6521	65.20	1.222	0.830	0.141	-0.569	-1.075	-1.322	-1.448	-1.693	-2.241	-3.082
6531	65.30	-3.977	-4.535	-4.390	-3.385	-1.674	0.310	2.008	2.947	2.926	2.084
6541	65.40	0.833	-0.301	-0.876	-0.681	0.224	1.564	2.966	4.090	4.710	4.739
6551	65.50	4.208	3.222	1.930	0.504	-0.864	-1.981	-2.691	-2.918	-2.710	-2.233
6561	65.60	-1.731	-1.439	-1.490	-1.861	-2.382	-2.800	-2.890	-2.549	-1.831	-0.925
6571	65.70	-0.058	0.600	1.007	1.249	1.474	1.800	2.232	2.651	2.871	2.738
6581	65.80	2.232	1.500	0.808	0.419	0.460	0.834	1.239	1.289	0.692	-0.598
6591	65.90	-2.325	-4.008	-5.123	-5.312	-4.526	-3.041	-1.326	0.158	1.144	1.645
6601	66.00	1.893	2.173	2.639	3.214	3.618	3.524	2.757	1.427	-0.077	-1.245
6611	66.10	-1.672	-1.261	-0.279	0.759	1.322	1.117	0.219	-0.967	-1.908	-2.196
6621	66.20	-1.746	-0.814	0.140	0.686	0.635	0.110	-0.551	-1.001	-1.080	-0.907
6631	66.30	-0.798	-1.065	-1.814	-2.837	-3.682	-3.872	-3.153	-1.646	0.174	1.687
6641	66.40	2.414	2.240	1.464	0.647	0.336	0.797	1.888	3.137	3.985	4.057
6651	66.50	3.338	2.168	1.050	0.398	0.327	0.608	0.797	0.472	-0.547	-2.101
6661	66.60	-3.756	-4.998	-5.451	-5.025	-3.922	-2.522	-1.213	-0.247	0.311	0.544
6671	66.70	0.595	0.583	0.569	0.582	0.656	0.855	1.250	1.860	2.611	3.325
6681	66.80	3.780	3.807	3.377	2.621	1.784	1.112	0.741	0.642	0.646	0.542
6691	66.90	0.190	-0.410	-1.122	-1.755	-2.162	-2.309	-2.273	-2.173	-2.080	-1.956
6701	67.00	-1.666	-1.055	-0.056	1.243	2.603	3.716	4.331	4.358	3.898	3.191
6711	67.10	2.503	2.012	1.749	1.608	1.425	1.067	0.492	-0.239	-1.011	-1.713
6721	67.20	-2.282	-2.711	-3.014	-3.196	-3.230	-3.072	-2.698	-2.130	-1.449	-0.764
6731	67.30	-0.169	0.292	0.630	0.880	1.057	1.127	1.018	0.670	0.095	-0.585
6741	67.40	-1.165	-1.428	-1.253	-0.684	0.063	0.678	0.885	0.565	-0.186	-1.096
6751	67.50	-1.832	-2.145	-1.970	-1.440	-0.810	-0.333	-0.142	-0.211	-0.389	-0.500
6761	67.60	-0.447	-0.256	-0.051	0.030	-0.060	-0.236	-0.310	-0.089	0.505	1.358
6771	67.70	2.189	2.655	2.508	1.726	0.547	-0.611	-1.318	-1.318	-0.641	0.403
6781	67.80	1.354	1.801	1.549	0.699	-0.413	-1.376	-1.890	-1.898	-1.586	-1.275
6791	67.90	-1.245	-1.577	-2.110	-2.511	-2.447	-1.765	-0.586	0.726	1.715	2.046
6801	68.00	1.660	0.819	-0.007	-0.335	0.120	1.329	2.969	4.568	5.701	6.141
6811	68.10	5.907	5.191	4.223	3.149	1.984	0.666	-0.828	-2.393	-3.778	-4.676
6821	68.20	-4.874	-4.385	-3.482	-2.605	-2.175	-2.401	-3.170	-4.091	-4.666	-4.507
6831	68.30	-3.514	-1.907	-0.123	1.384	2.326	2.678	2.636	2.478	2.412	2.487
6841	68.40	2.601	2.601	2.394	2.011	1.576	1.216	0.964	0.726	0.336	-0.328
6851	68.50	-1.235	-2.171	-2.820	-2.926	-2.435	-1.557	-0.688	-0.226	-0.372	-1.022
6861	68.60	-1.813	-2.299	-2.180	-1.455	-0.429	0.443	0.789	0.513	-0.156	-0.787
6871	68.70	-0.969	-0.538	0.334	1.218	1.644	1.340	0.374	-0.862	-1.838	-2.116
6881	68.80	-1.542	-0.294	1.220	2.553	3.390	3.636	3.381	2.797	2.023	1.124
6891	68.90	0.120	-0.937	-1.908	-2.586	-2.780	-2.436	-1.703	-0.903	-0.403	-0.447
6901	69.00	-1.024	-1.857	-2.519	-2.621	-1.986	-0.724	0.825	2.262	3.301	3.879
6911	69.10	4.139	4.303	4.516	4.739	4.767	4.341	3.321	1.602	0.120	-1.271
6921	69.20	-1.995	-1.928	-1.266	-0.444	0.046	-0.124	-0.983	-2.251	-3.469	-4.198
6931	69.30	-4.195	-3.492	-2.347	-1.100	-0.014	0.829	1.522	2.235	3.080	4.011
6941	69.40	4.821	5.219	4.975	4.036	2.568	0.903	-0.592	-1.655	-2.214	-2.385
6951	69.50	-2.382	-2.403	-2.534	-2.718	-2.813	-2.678	-2.257	-1.617	-0.915	-0.321
6961	69.60	0.051	0.188	0.161	0.075	0.013	0.005	0.032	0.058	0.064	0.057
6971	69.70	0.054	0.055	0.038	-0.033	-0.164	-0.303	-0.348	-0.194	0.185	0.682
6981	69.80	1.063	1.054	0.479	-0.618	-1.936	-3.005	-3.368	-2.795	-1.405	0.349
6991	69.90	1.859	2.607	2.387	1.378	0.048	-1.071	-1.624	-1.570	-1.163	-0.775

Table 7-12-15

TABLE OF CORRECTED ACCELERATION RECORD

NO.15

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.681	-0.904	-1.214	-1.264	-0.806	0.154	1.334	2.307	2.718	2.475
7011	70.10	1.798	1.114	0.834	1.143	1.891	2.666	2.997	2.590	1.478	0.014
7021	70.20	-1.297	-2.031	-2.037	-1.494	-0.803	-0.393	-0.518	-1.155	-2.038	-2.802
7031	70.30	-3.150	-2.972	-2.354	-1.499	-0.603	0.234	1.020	1.816	2.646	3.442
7041	70.40	4.046	4.283	4.058	3.412	2.522	1.627	0.918	0.459	0.168	-0.127
7051	70.50	-0.588	-1.267	-2.075	-2.810	-3.251	-3.260	-2.844	-2.155	-1.420	-0.850
7061	70.60	-0.550	-0.494	-0.543	-0.521	-0.289	0.193	0.852	1.531	2.037	2.212
7071	70.70	1.980	1.373	0.533	-0.325	-0.971	-1.229	-1.041	-0.501	0.166	0.678
7081	70.80	0.805	0.475	-0.173	-0.829	-1.135	-0.844	0.041	1.234	2.255	2.626
7091	70.90	2.083	0.719	-1.033	-2.562	-3.337	-3.143	-2.177	-0.966	-0.122	-0.060
7101	71.00	-0.798	-1.942	-2.865	-3.006	-2.134	-0.470	1.400	2.790	3.222	2.638
7111	71.10	1.423	0.223	-0.353	-0.004	1.132	2.559	3.647	3.926	3.275	1.965
7121	71.20	0.509	-0.575	-0.992	-0.787	-0.297	0.019	-0.202	-1.068	-2.388	-3.766
7131	71.30	-4.769	-5.100	-4.704	-3.759	-2.583	-1.486	-0.652	-0.082	0.371	0.900
7141	71.40	1.638	2.569	3.529	4.258	4.516	4.186	3.329	2.171	1.022	0.162
7151	71.50	-0.255	-0.251	0.007	0.287	0.390	0.226	-0.161	-0.639	-1.052	-1.295
7161	71.60	-1.353	-1.289	-1.206	-1.189	-1.268	-1.413	-1.552	-1.603	-1.508	-1.241
7171	71.70	-0.812	-0.255	0.368	0.981	1.487	1.801	1.866	1.694	1.370	1.033
7181	71.80	0.823	0.816	0.981	1.175	1.203	0.901	0.222	-0.732	-1.731	-2.507
7191	71.90	-2.858	-2.719	-2.192	-1.492	-0.871	-0.526	-0.546	-0.899	-1.459	-2.052
7201	72.00	-2.493	-2.623	-2.340	-1.626	-0.572	0.621	1.679	2.334	2.428	1.993
7211	72.10	1.267	0.619	0.405	0.807	1.743	2.883	3.789	4.107	3.727	2.827
7221	72.20	1.774	0.934	0.480	0.306	0.097	-0.482	-1.568	-2.979	-4.262	-4.899
7231	72.30	-4.573	-3.363	-1.749	-0.420	0.045	-0.544	-1.864	-3.204	-3.770	-3.038
7241	72.40	-0.998	1.842	4.670	6.715	7.554	7.247	6.239	5.108	4.272	3.815
7251	72.50	3.495	2.927	1.829	0.203	-1.639	-3.217	-4.111	-4.159	-3.527	-2.621
7261	72.60	-1.885	-1.602	-1.775	-2.162	-2.416	-2.276	-1.683	-0.798	0.096	0.749
7271	72.70	1.057	1.095	1.052	1.111	1.346	1.683	1.950	1.980	1.703	1.189
7281	72.80	0.612	0.166	-0.028	0.029	0.229	0.420	0.483	0.370	0.109	-0.242
7291	72.90	-0.634	-1.051	-1.489	-1.923	-2.279	-2.440	-2.302	-1.834	-1.127	-0.381
7301	73.00	0.160	0.315	0.043	-0.528	-1.160	-1.602	-1.698	-1.447	-0.989	-0.523
7311	73.10	-0.216	-0.135	-0.240	-0.434	-0.623	-0.761	-0.845	-0.872	-0.793	-0.509
7321	73.20	0.092	1.044	2.239	3.415	4.229	4.386	3.780	2.551	1.054	-0.285
7331	73.30	-1.132	-1.377	-1.154	-0.753	-0.464	-0.443	-0.652	-0.910	-1.019	-0.881
7341	73.40	-0.558	-0.225	-0.066	-0.149	-0.388	-0.583	-0.539	-0.188	0.356	0.850
7351	73.50	1.047	0.840	0.334	-0.197	-0.448	-0.247	0.366	1.064	1.564	1.608
7361	73.60	1.189	0.540	0.006	-0.138	0.154	0.675	1.064	1.009	0.415	-0.521
7371	73.70	-1.405	-1.835	-1.608	-0.633	0.125	0.812	0.917	0.411	-0.441	-1.226
7381	73.80	-1.582	-1.376	-0.742	0.006	0.553	0.741	0.629	0.425	0.345	0.465
7391	73.90	0.678	0.750	0.476	-0.190	-1.073	-1.849	-2.200	-1.979	-1.286	-0.427
7401	74.00	0.235	0.454	0.210	-0.300	-0.781	-0.996	-0.885	-0.577	-0.298	-0.235
7411	74.10	-0.426	-0.743	-0.975	-0.945	-0.620	-0.123	0.338	0.592	0.603	0.484
7421	74.20	0.432	0.604	1.019	1.541	1.949	2.065	1.854	1.453	1.087	0.938
7431	74.30	1.020	1.145	0.999	0.305	-1.011	-2.734	-4.408	-5.498	-5.602	-4.616
7441	74.40	-2.781	-0.595	1.374	2.690	3.183	2.967	2.350	1.683	1.216	1.028
7451	74.50	1.030	1.050	0.934	0.621	0.172	-0.266	-0.532	-0.523	-0.236	0.228
7461	74.60	0.709	1.048	1.150	1.017	0.736	0.442	0.261	0.261	0.427	0.678
7471	74.70	0.910	1.037	1.025	0.897	0.703	0.486	0.256	-0.008	-0.336	-0.732
7481	74.80	-1.153	-1.520	-1.756	-1.826	-1.766	-1.669	-1.635	-1.712	-1.854	-1.931
7491	74.90	-1.788	-1.322	-0.543	0.417	1.364	2.124	2.623	2.915	3.136	3.410

Table 7-12-16

TABLE OF CORRECTED ACCELERATION RECORD

NO.16

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	3.767	4.103	4.219	3.916	3.099	1.838	0.347	-1.109	-2.313	-3.184
7511	75.10	-3.766	-4.171	-4.481	-4.680	-4.668	-4.321	-3.599	-2.599	-1.540	-0.674
7521	75.20	-0.153	0.051	0.146	0.416	1.073	2.124	3.340	4.345	4.779	4.468
7531	75.30	3.506	2.216	0.998	0.147	-0.273	-0.440	-0.657	-1.179	-2.067	-3.143
7541	75.40	-4.063	-4.486	-4.236	-3.386	-2.226	-1.126	-0.368	-0.030	0.028	0.068
7551	75.50	0.326	0.880	1.609	2.245	2.510	2.249	1.519	0.565	-0.275	-0.716
7561	75.60	-0.635	-0.119	0.585	1.173	1.409	1.205	0.642	-0.079	-0.722	-1.107
7571	75.70	-1.162	-0.934	-0.548	-0.152	0.149	0.325	0.428	0.552	0.784	1.154
7581	75.80	1.596	1.961	2.068	1.770	1.038	0.001	-1.076	-1.869	-2.112	-1.709
7591	75.90	-0.794	0.301	1.167	1.470	1.098	0.209	-0.820	-1.548	-1.654	-1.075
7601	76.00	-0.034	1.056	1.771	1.863	1.358	0.540	-0.195	-0.525	-0.355	0.142
7611	76.10	0.611	0.694	0.205	-0.763	-1.871	-2.677	-2.830	-2.230	-1.073	0.230
7621	76.20	1.217	1.568	1.224	0.399	-0.521	-1.131	-1.164	-0.578	0.447	1.582
7631	76.30	2.473	2.848	2.588	1.749	0.526	-0.795	-1.917	-2.595	-2.699	-2.242
7641	76.40	-1.383	-0.383	0.470	0.946	0.950	0.550	-0.058	-0.628	-0.962	-0.982
7651	76.50	-0.748	-0.411	-0.126	0.028	0.088	0.179	0.434	0.904	1.504	2.024
7661	76.60	2.210	1.881	1.023	-0.178	-1.384	-2.220	-2.412	-1.883	-0.784	0.563
7671	76.70	1.772	2.523	2.651	2.181	1.300	0.284	-0.590	-1.115	-1.197	-0.862
7681	76.80	-0.230	0.521	1.203	1.659	1.798	1.604	1.136	0.499	-0.192	-0.841
7691	76.90	-1.394	-1.832	-2.152	-2.342	-2.365	-2.172	-1.730	-1.065	-0.281	0.453
7701	77.00	0.962	1.131	0.970	0.626	0.335	0.329	0.723	1.453	2.270	2.833
7711	77.10	2.836	2.137	0.828	-0.789	-2.307	-3.359	-3.743	-3.473	-2.747	-1.847
7721	77.20	-1.021	-0.401	0.011	0.297	0.547	0.797	1.009	1.107	1.034	0.805
7731	77.30	0.517	0.309	0.301	0.522	0.891	1.234	1.351	1.093	0.420	-0.583
7741	77.40	-1.732	-2.797	-3.567	-3.898	-3.739	-3.140	-2.234	-1.212	-0.274	0.410
7751	77.50	0.752	0.769	0.586	0.392	0.373	0.637	1.168	1.827	2.409	2.719
7761	77.60	2.654	2.236	1.587	0.870	0.207	-0.359	-0.861	-1.360	-1.880	-2.365
7771	77.70	-2.698	-2.747	-2.441	-1.813	-0.995	-0.158	0.559	1.111	1.547	1.958
7781	77.80	2.406	2.864	3.217	3.319	3.076	2.513	1.780	1.084	0.586	0.315
7791	77.90	0.143	-0.147	-0.741	-1.673	-2.773	-3.713	-4.138	-3.835	-2.836	-1.432
7801	78.00	-0.065	0.853	1.099	0.733	0.063	-0.495	-0.591	-0.085	0.903	2.054
7811	78.10	2.988	3.409	3.215	2.513	1.558	0.638	-0.030	-0.370	-0.440	-0.387
7821	78.20	-0.363	-0.465	-0.695	-0.976	-1.192	-1.244	-1.093	-0.776	-0.396	-0.081
7831	78.30	0.063	-0.004	-0.240	-0.527	-0.713	-0.663	-0.317	0.284	0.993	1.603
7841	78.40	1.913	1.801	1.272	0.466	-0.382	-1.023	-1.283	-1.126	-0.669	-0.140
7851	78.50	0.213	0.216	-0.156	-0.769	-1.383	-1.744	-1.694	-1.229	-0.504	0.236
7861	78.60	0.757	0.931	0.778	0.447	0.130	-0.030	-0.007	0.108	0.166	0.052
7871	78.70	-0.238	-0.579	-0.775	-0.655	-0.172	0.554	1.272	1.707	1.683	1.214
7881	78.80	0.499	-0.155	-0.478	-0.355	0.122	0.695	1.065	1.026	0.563	-0.146
7891	78.90	-0.817	-1.193	-1.161	-0.800	-0.338	-0.940	-0.084	-0.483	-1.082	-1.637
7901	79.00	-1.927	-1.850	-1.453	-0.897	-0.371	0.003	0.209	0.333	0.497	0.779
7911	79.10	1.165	1.547	1.780	1.757	1.470	1.020	0.578	0.306	0.283	0.465
7921	79.20	0.710	0.642	0.735	0.370	-0.161	-0.699	-1.092	-1.263	-1.235	-1.110
7931	79.30	-1.004	-0.989	-1.049	-1.099	-1.026	-0.758	-0.301	0.258	0.793	1.198
7941	79.40	1.430	1.518	1.532	1.526	1.501	1.390	1.099	0.566	-0.188	-1.036
7951	79.50	-1.779	-2.220	-2.236	-1.827	-1.123	-0.327	0.355	0.781	0.911	0.803
7961	79.60	0.573	0.354	0.251	0.323	0.574	0.957	1.386	1.747	1.923	1.830
7971	79.70	1.450	0.851	0.185	-0.364	-0.644	-0.600	-0.304	0.071	0.326	0.317
7981	79.80	0.025	-0.440	-0.895	-1.172	-1.194	-1.004	-0.725	-0.487	-0.348	-0.273
7991	79.90	-0.164	0.057	0.372	0.644	0.671	0.290	-0.517	-1.570	-2.539	-3.068

Table 7-12-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-2.925	-2.111	-0.866	0.426	1.395	1.825	1.722	1.275	0.747	0.344
8011	80.10	0.146	0.100	0.104	0.088	0.076	0.164	0.453	0.955	1.554	2.024
8021	80.20	2.126	1.715	0.814	-0.383	-1.584	-2.511	-2.994	-3.015	-2.677	-2.136
8031	80.30	-1.534	-0.957	-0.442	-0.009	0.321	0.523	0.593	0.573	0.558	0.652
8041	80.40	0.913	1.297	1.662	1.816	1.615	1.042	0.233	-0.577	-1.161	-1.415
8051	80.50	-1.408	-1.336	-1.411	-1.723	-2.169	-2.479	-2.351	-1.616	-0.354	1.103
8061	80.60	2.292	2.824	2.554	1.653	0.536	-0.329	-0.621	-0.301	0.389	1.057
8071	80.70	1.353	1.125	0.475	-0.310	-0.903	-1.093	-0.861	-0.369	0.142	0.466
8081	80.80	0.523	0.366	0.137	-0.018	-0.009	0.168	0.452	0.746	0.956	1.005
8091	80.90	0.839	0.437	-0.173	-0.896	-1.574	-2.014	-2.064	-1.682	-0.976	-0.187
8101	81.00	0.406	0.608	0.400	-0.040	-0.421	-0.480	-0.121	0.523	1.146	1.313
8111	81.10	1.135	0.376	-0.563	-1.275	-1.644	-1.000	-0.158	0.677	1.104	0.909
8121	81.20	0.173	-0.775	-1.508	-1.702	-1.276	-0.415	0.526	1.197	1.402	1.171
8131	81.30	0.718	0.320	0.182	0.352	0.721	1.092	1.292	1.245	0.995	0.669
8141	81.40	0.400	0.270	0.272	0.331	0.351	0.255	0.024	-0.309	-0.672	-0.985
8151	81.50	-1.184	-1.234	-1.131	-0.903	-0.603	-0.296	-0.039	0.133	0.229	0.296
8161	81.60	0.400	0.592	0.878	1.205	1.473	1.578	1.460	1.135	0.696	0.275
8171	81.70	-0.008	-0.097	-0.013	0.162	0.325	0.401	0.367	0.243	0.064	-0.149
8181	81.80	-0.399	-0.699	-1.034	-1.340	-1.498	-1.385	-0.929	-0.172	0.719	1.488
8191	81.90	1.886	1.763	1.141	0.212	-0.730	-1.409	-1.665	-1.519	-1.138	-0.751
8201	82.00	-0.533	-0.521	-0.601	-0.576	-0.275	0.340	1.138	1.857	2.217	2.054
8211	82.10	1.401	0.493	-0.329	-0.760	-0.666	-0.140	0.541	1.041	1.115	0.715
8221	82.20	0.001	-0.744	-1.248	-1.381	-1.199	-0.903	-0.719	-0.779	-1.043	-1.321
8231	82.30	-1.372	-1.035	-0.321	0.579	1.374	1.802	1.748	1.288	0.647	0.091
8241	82.40	-0.197	-0.182	0.016	0.205	0.210	-0.039	-0.494	-1.025	-1.484	-1.770
8251	82.50	-1.855	-1.765	-1.545	-1.227	-0.829	-0.366	0.120	0.558	0.868	1.001
8261	82.60	0.976	0.881	0.836	0.933	1.174	1.455	1.605	1.455	0.930	0.092
8271	82.70	-0.870	-1.707	-2.205	-2.262	-1.916	-1.316	-0.659	-0.113	0.230	0.361
8281	82.80	0.332	0.217	0.086	-0.006	-0.020	0.077	0.303	0.648	1.062	1.454
8291	82.90	1.714	1.752	1.534	1.104	0.576	0.092	-0.230	-0.339	-0.270	-0.131
8301	83.00	-0.061	-0.182	-0.555	-1.157	-1.882	-2.568	-3.031	-3.120	-2.755	-1.956
8311	83.10	-0.848	0.368	1.461	2.233	2.564	2.444	1.955	1.247	0.485	-0.185
8321	83.20	-0.657	-0.868	-0.798	-0.477	0.010	0.515	0.851	0.839	0.387	-0.455
8331	83.30	-1.468	-2.328	-2.712	-2.439	-1.559	-0.351	0.779	1.473	1.569	1.178
8341	83.40	0.617	0.252	0.310	0.762	1.336	1.654	1.438	0.658	-0.428	-1.396
8351	83.50	-1.857	-1.647	-0.906	-0.008	0.636	0.778	0.460	-0.027	-0.295	-0.079
8361	83.60	0.625	1.546	2.278	2.482	2.052	1.163	0.173	-0.557	-0.837	-0.721
8371	83.70	-0.445	-0.286	-0.401	-0.754	-1.153	-1.378	-1.317	-1.030	-0.710	-0.564
8381	83.80	-0.676	-0.950	-1.152	-1.046	-0.532	0.273	1.077	1.554	1.513	1.000
8391	83.90	0.291	-0.240	-0.299	0.183	1.023	1.872	2.379	2.350	1.812	0.977
8401	84.00	0.113	-0.581	-1.057	-1.392	-1.705	-2.052	-2.371	-2.516	-2.345	-1.815
8411	84.10	-1.031	-0.207	0.439	0.790	0.897	0.943	1.139	1.596	2.248	2.869
8421	84.20	3.172	2.961	2.236	1.208	0.215	-0.432	-0.586	-0.332	0.065	0.286
8431	84.30	0.114	-0.471	-1.288	-2.046	-2.481	-2.473	-2.079	-1.497	-0.951	-0.587
8441	84.40	-0.419	-0.338	-0.189	0.139	0.654	1.255	1.788	2.111	2.159	1.957
8451	84.50	1.595	1.177	0.773	0.406	0.058	-0.292	-0.645	-0.969	-1.215	-1.343
8461	84.60	-1.345	-1.247	-1.096	-0.938	-0.799	-0.680	-0.565	-0.437	-0.285	-0.099
8471	84.70	0.127	0.411	0.764	1.184	1.632	2.034	2.293	2.331	2.123	1.713
8481	84.80	1.206	0.723	0.345	0.084	-0.125	-0.380	-0.753	-1.239	-1.744	-2.117
8491	84.90	-2.220	-1.995	-1.500	-0.894	-0.375	-0.097	-0.111	-0.346	-0.649	-0.855

Table 7-12-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1204 S102-PI-1-1 HB. (HB.) SHINO BRIDGE MAX. ACC. = 480.914 (GAL) T= 8.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-0.860	-0.663	-0.358	-0.088	0.026	-0.062	-0.301	-0.562	-0.694	-0.581
8511	85.10	-0.195	0.391	1.025	1.525	1.743	1.619	1.206	0.659	0.181	-0.046
8521	85.20	0.063	0.460	0.970	1.348	1.376	0.949	0.126	-0.881	-1.781	-2.308
8531	85.30	-2.322	-1.853	-1.089	-0.294	0.293	0.540	0.458	0.172	-0.148	-0.360
8541	85.40	-0.407	-0.315	-0.160	-0.017	0.084	0.166	0.283	0.474	0.731	0.980
8551	85.50	1.111	1.024	0.678	0.126	-0.489	-0.982	-1.189	-1.039	-0.593	-0.038
8561	85.60	0.375	0.418	-0.019	-0.868	-1.895	-2.762	-3.157	-2.905	-2.044	-0.820
8571	85.70	0.397	1.255	1.550	1.293	0.700	0.091	-0.240	-0.143	0.347	1.037
8581	85.80	1.677	2.062	2.106	1.650	1.416	0.935	0.489	0.096	-0.269	-0.628
8591	85.90	-0.963	-1.218	-1.317	-1.216	-0.924	-0.514	-0.091	0.237	0.398	0.367
8601	86.00	0.164	-0.162	-0.544	-0.896	-1.121	-1.127	-0.854	-0.311	0.404	1.118
8611	86.10	1.635	1.814	1.635	1.216	0.774	0.525	0.585	0.908	1.307	1.538
8621	86.20	1.422	0.938	0.242	-0.401	-0.748	-0.688	-0.308	0.152	0.409	0.268
8631	86.30	-0.284	-1.072	-1.811	-2.232	-2.187	-1.705	-0.957	-0.171	0.458	0.841
8641	86.40	0.993	1.002	0.960	0.926	0.904	0.869	0.796	0.685	0.562	0.463
8651	86.50	0.401	0.360	0.296	0.158	-0.080	-0.404	-0.757	-1.062	-1.247	-1.271
8661	86.60	-1.141	-0.905	-0.642	-0.430	-0.324	-0.332	-0.415	-0.493	-0.475	-0.299
8671	86.70	0.044	0.494	0.939	1.260	1.380	1.295	1.082	0.854	0.711	0.680
8681	86.80	0.703	0.668	0.468	0.070	-0.452	-0.941	-1.226	-1.210	-0.924	-0.522
8691	86.90	-0.218	-0.178	-0.443	-0.899	-1.331	-1.521	-1.353	-0.867	-0.235	0.322
8701	87.00	0.638	0.682	0.555	0.437	0.479	0.730	1.105	1.436	1.551	1.370
8711	87.10	0.936	0.396	-0.073	-0.348	-0.411	-0.348	-0.289	-0.336	-0.505	-0.719
8721	87.20	-0.850	-0.791	-0.521	-0.121	0.251	0.430	0.319	-0.060	-0.566	-0.989
8731	87.30	-1.132	-0.882	-0.261	0.577	1.401	1.976	2.147	1.882	1.284	0.547
8741	87.40	-0.112	-0.530	-0.650	-0.531	-0.312	-0.153	-0.166	-0.370	-0.696	-1.015
8751	87.50	-1.201	-1.184	-0.972	-0.638	-0.281	0.021	0.244	0.409	0.557	0.713
8761	87.60	0.863	0.956	0.942	0.799	0.564	0.316	0.138	0.069	0.076	0.059
8771	87.70	-0.100	-0.469	-1.022	-1.621	-2.070	-2.186	-1.884	-1.220	-0.372	0.427
8781	87.80	0.977	1.183	1.080	0.797	0.490	0.267	0.155	0.105	0.043	-0.079
8791	87.90	-0.245	-0.390	-0.437	-0.355	-0.192	-0.059	-0.085	-0.340	-0.785	-1.268
8801	88.00	-1.571	-1.497	-0.961	-0.030	1.080	2.080	2.702	2.796	2.373	1.590
8811	88.10	0.690	-0.088	-0.582	-0.745	-0.639	-0.394	-0.145	0.008	0.027	-0.070
8821	88.20	-0.230	-0.397	-0.530	-0.615	-0.658	-0.668	-0.668	-0.582	-0.443	-0.198
8831	88.30	0.166	0.631	1.136	1.581	1.859	1.886	1.640	1.184	0.655	0.226
8841	88.40	0.044	0.169	0.538	0.973	1.245	1.155	0.626	-0.263	-1.286	-2.152
8851	88.50	-2.617	-2.573	-2.092	-1.399	-0.770	-0.427	-0.447	-0.740	-1.099	-1.301
8861	88.60	-1.208	-0.821	-0.275	0.239	0.564	0.655	0.592	0.529	0.610	0.887
8871	88.70	1.284	1.628	1.733	1.483	0.898	0.132	-0.592	-1.070	-1.196	-0.997
8881	88.80	-0.611	-0.222	0.013	0.017	-0.198	-0.555	-0.946	-1.273	-1.458	-1.449
8891	88.90	-1.219	-0.773	-0.165	0.498	1.066	1.392	1.389	1.085	0.632	0.258
8901	89.00	0.180	0.498	1.138	1.864	2.374	2.428	1.959	1.114	0.186	-0.516
8911	89.10	-0.815	-0.748	-0.549	-0.526	-0.905	-1.700	-2.687	-3.493	-3.759	-3.311
8921	89.20	-2.239	-0.870	0.372	1.146	1.329	1.048	0.602	0.308	0.358	0.735
8931	89.30	1.245	1.624	1.668	1.332	0.740	0.117	-0.318	-0.449	-0.300	-0.008
8941	89.40	0.255	0.363	0.282	0.068	-0.175	-0.352	-0.418	-0.382	-0.292	-0.198
8951	89.50	-0.133	-0.108	-0.123	-0.178	-0.274	-0.406	-0.552	-0.663	-0.680	-0.558
8961	89.60	-0.290	0.081	0.476	0.819	1.070	1.242	1.392	1.577	1.811	2.037
8971	89.70	2.143	2.009	1.566	0.851	0.004	-0.768	-1.270	-1.392	-1.152	-0.684
8981	89.80	-0.182	0.179	0.307	0.214	-0.002	-0.216	-0.329			

Table 7-13-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-2.835	-2.260	-1.192	0.229	1.754	3.060	3.829	3.846	3.088	1.754
11	0.10	0.228	-1.043	-1.701	-1.609	-0.899	0.087	0.942	1.369	1.293	0.880
21	0.20	0.434	0.245	0.434	0.902	1.378	1.561	1.269	0.532	-0.431	-1.319
31	0.30	-1.894	-2.091	-2.023	-1.893	-1.862	-1.960	-1.977	-1.742	-1.078	-0.026
41	0.40	1.143	2.010	2.196	1.551	0.263	-1.176	-2.150	-2.170	-1.096	0.769
51	0.50	2.763	4.104	4.184	2.816	0.328	-2.530	-4.845	-5.856	-5.219	-3.129
61	0.60	-0.243	2.540	4.395	4.834	3.861	1.936	-0.200	-1.798	-2.353	-1.765
71	0.70	-0.349	1.306	2.564	2.973	2.420	1.159	-0.305	-1.423	-1.818	-1.437
81	0.80	-0.564	0.305	0.681	0.311	-0.682	-1.821	-2.459	-2.056	-0.451	2.011
91	0.90	4.559	6.273	6.456	4.942	2.206	-0.800	-3.021	-3.737	-2.875	-1.038
101	1.00	0.763	1.571	0.933	-0.877	-2.964	-4.221	-3.852	-1.773	1.300	4.129
111	1.10	5.485	4.685	1.909	-1.859	-5.225	-6.957	-6.467	-4.016	-0.564	2.645
121	1.20	4.584	4.791	3.471	1.319	-0.813	-2.250	-2.698	-2.260	-1.305	-0.271
131	1.30	0.502	0.860	0.839	0.607	0.394	0.411	0.784	1.506	2.404	3.169
141	1.40	3.444	2.966	1.704	-0.069	-1.833	-3.003	-3.167	-2.290	-0.755	0.780
151	1.50	1.658	1.519	0.469	-0.972	-2.109	-2.398	-1.693	-0.299	1.195	2.205
161	1.60	2.424	1.935	1.111	0.379	-0.026	-0.179	-0.392	-1.000	-2.132	-3.589
171	1.70	-4.911	-5.583	-5.276	-3.992	-2.045	0.101	2.029	3.502	4.457	4.906
181	1.80	4.819	4.108	2.713	0.767	-1.315	-2.894	-3.345	-2.371	-0.219	2.329
191	1.90	4.247	4.713	3.495	1.079	-1.555	-3.402	-3.926	-3.310	-2.323	-1.867
201	2.00	-2.437	-3.795	-5.039	-5.068	-3.200	0.376	4.580	7.874	8.977	7.483
211	2.10	4.077	0.229	-2.494	-3.162	-1.892	0.259	1.860	1.833	-0.018	-2.934
221	2.20	-5.606	-6.825	-6.058	-3.661	-0.652	1.803	2.928	2.623	1.396	0.027
231	2.30	-0.839	-0.943	-0.415	0.410	1.230	1.901	2.399	2.694	2.647	2.053
241	2.40	0.799	-0.948	-2.695	-3.775	-3.670	-2.320	-0.238	1.679	2.582	2.118
251	2.50	0.652	-0.883	-1.459	-0.516	1.685	4.134	5.549	5.027	2.550	-0.948
261	2.60	-3.981	-5.211	-4.081	-1.087	2.457	5.020	5.545	3.881	0.783	-2.489
271	2.70	-4.749	-5.351	-4.365	-2.416	-0.343	1.149	1.679	1.209	-0.056	-1.760
281	2.80	-3.448	-4.602	-4.711	-3.448	-0.875	2.422	5.416	6.984	6.389	3.693
291	2.90	-0.142	-3.579	-5.149	-4.130	-0.919	3.098	6.157	6.923	5.096	1.529
301	3.00	-2.212	-4.613	-4.914	-3.408	-1.186	0.497	0.900	0.151	-0.889	-1.170
311	3.10	-0.093	2.114	4.472	5.738	5.049	2.365	-1.486	-5.189	-7.524	-7.869
321	3.20	-6.373	-3.786	-1.048	1.108	2.344	2.698	2.380	1.591	0.464	-0.871
331	3.30	-2.175	-3.079	-3.207	-2.376	-0.767	1.082	2.495	2.978	2.484	1.450
341	3.40	0.571	0.419	1.109	2.213	2.978	2.743	1.336	-0.773	-2.661	-3.390
351	3.50	-2.482	-0.176	2.664	4.939	5.812	5.060	3.121	0.831	-0.990	-1.893
361	3.60	-1.930	-1.522	-1.175	-1.210	-1.641	-2.239	-2.716	-2.891	-2.757	-2.417
371	3.70	-1.972	-1.431	-0.724	0.204	1.291	2.332	3.057	3.276	3.003	2.465
381	3.80	1.975	1.748	1.750	1.691	1.180	-0.035	-1.878	-3.916	-5.514	-6.121
391	3.90	-5.519	-3.928	-1.899	-0.057	1.160	1.655	1.642	1.469	1.418	1.580
401	4.00	1.876	2.171	2.406	2.636	2.955	3.363	3.670	3.533	2.624	0.856
411	4.10	-1.473	-3.720	-5.130	-5.172	-3.798	-1.504	0.874	2.515	2.967	2.316
421	4.20	1.086	-0.056	-0.646	-0.633	-0.349	-0.272	-0.714	-1.620	-2.587	-3.089
431	4.30	-2.781	-1.717	-0.351	0.681	0.882	0.149	-1.180	-2.502	-3.259	-3.211
441	4.40	-2.527	-1.653	-1.039	-0.869	-0.988	-0.911	-0.296	0.996	2.668	4.144
451	4.50	4.844	4.496	3.307	1.880	0.931	0.932	1.865	3.219	4.230	4.249
461	4.60	3.054	0.953	-1.363	-3.143	-3.909	-3.633	-2.693	-1.637	-0.890	-0.568
471	4.70	-0.470	-0.255	0.317	1.208	2.099	2.548	2.231	1.136	-0.399	-1.830
481	4.80	-2.641	-2.580	-1.751	-0.546	0.550	1.179	1.238	0.873	0.342	-0.150
491	4.90	-0.565	-1.017	-1.666	-2.562	-3.547	-4.288	-4.401	-3.651	-2.086	-0.063

Table 7-13-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	1.873	3.196	3.603	3.128	2.105	1.014	0.272	0.072	0.333	0.775
511	5.10	1.086	1.078	0.781	0.409	0.239	0.449	1.009	1.665	2.037	1.787
521	5.20	0,777	-0.851	-2.710	-4.299	-5.172	-5.085	-4.069	-2.301	-0.197	1.887
531	5.30	3.636	4.821	5.289	4.969	3.893	2.238	0.352	-1.292	-2.228	-2.169
541	5.40	-1.160	0.387	1.811	2.463	1.984	0.487	-1.467	-3.104	-3.777	-3.264
551	5.50	-1.858	-0.220	0.966	1.328	0.987	0.460	0.351	0.977	2.149	3.224
561	5.60	3.436	2.320	0.026	-2.677	-4.715	-5.207	-3.905	-1.336	1.415	3.204
571	5.70	3.344	1.916	-0.305	-2.225	-2.951	-2.172	-0.252	2.001	3.736	4.420
581	5.80	3.996	2.789	1.262	-0.225	-1.521	-2.618	-3.508	-4.078	-4.149	-3.613
591	5.90	-2.603	-1.520	-0.888	-1.069	-2.003	-3.143	-3.654	-2.825	-0.478	2.837
601	6.00	6.007	7.817	7.504	5.133	1.593	-1.789	-3.837	-4.029	-2.668	-0.666
611	6.10	0.952	1.545	1.116	0.206	-0.470	-0.457	0.199	1.016	1.387	0.963
621	6.20	-0.134	-1.366	-2.091	-1.923	-0.959	0.280	1.138	1.194	0.496	-0.476
631	6.30	-1.094	-0.957	-0.135	0.844	1.280	0.705	-0.828	-2.716	-4.072	-4.157
641	6.40	-2.741	-0.235	2.501	4.548	5.335	4.849	3.567	2.159	1.136	0.626
651	6.50	0.393	0.060	-0.602	-1.495	-2.233	-2.378	-1.736	-0.541	0.608	1.025
661	6.60	0.319	-1.352	-3.277	-4.489	-4.226	-2.327	0.624	3.518	5.203	5.013
671	6.70	3.087	0.319	-2.047	-2.999	-2.225	-0.254	1.816	2.862	2.300	0.377
681	6.80	-1.950	-3.496	-3.454	-1.825	0.566	2.465	2.835	1.411	-1.116	-3.388
691	6.90	-4.034	-2.368	1.216	5.347	8.262	8.607	6.067	1.536	-3.253	-6.494
701	7.00	-7.083	-5.070	-1.584	1.720	3.413	2.901	0.613	-2.277	-4.441	-4.989
711	7.10	-3.809	-1.516	0.923	2.657	3.301	3.004	2.257	1.576	1.242	1.217
721	7.20	1.249	1.068	0.554	-0.229	-1.113	-1.949	-2.690	-3.355	-3.933	-4.284
731	7.30	-4.147	-3.258	-1.542	0.752	3.072	4.754	5.320	4.721	3.390	2.054
741	7.40	1.376	1.611	2.450	3.152	2.918	1.326	-1.398	-4.408	-6.587	-7.051
751	7.50	-5.571	-2.703	0.439	2.671	3.257	2.214	0.268	-1.516	-2.242	-1.593
761	7.60	0.052	1.830	2.827	2.509	0.955	-1.202	-3.097	-4.024	-3.734	-2.493
771	7.70	-0.905	0.396	1.019	0.948	0.465	-0.038	-0.273	-0.168	0.155	0.491
781	7.80	0.696	0.748	0.733	0.757	0.872	1.052	1.245	1.443	1.714	2.164
791	7.90	2.826	3.566	4.059	3.908	2.840	0.911	-1.424	-3.420	-4.334	-3.751
801	8.00	-1.811	0.803	3.118	4.277	3.892	2.202	-0.056	-1.985	-2.928	-2.733
811	8.10	-1.761	-0.664	-0.046	-0.181	-0.930	-1.866	-2.535	-2.689	-2.392	-1.933
821	8.20	-1.631	-1.648	-1.900	-2.137	-2.098	-1.667	-0.928	-0.097	0.620	1.142
831	8.30	1.528	1.893	2.272	2.550	2.500	1.935	0.879	-0.362	-1.290	-1.450
841	8.40	-0.686	0.721	2.139	2.864	2.477	1.081	-0.717	-2.078	-2.346	-1.388
851	8.50	0.326	1.924	2.581	1.911	0.171	-1.861	-3.267	-3.433	-2.322	-0.457
861	8.60	1.375	2.530	2.809	2.496	2.135	2.167	2.652	3.210	3.244	2.288
871	8.70	0.310	-2.211	-4.483	-5.771	-5.739	-4.598	-2.973	-1.579	-0.868	-0.838
881	8.80	-1.100	-1.138	-0.630	0.367	1.452	2.120	2.055	1.317	0.312	-0.426
891	8.90	-0.534	-0.014	0.772	1.304	1.196	0.409	-0.727	-1.691	-2.054	-1.698
901	9.00	-0.869	-0.018	0.455	0.427	0.108	-0.092	0.177	0.982	2.031	2.812
911	9.10	2.854	1.989	0.467	-1.142	-2.201	-2.303	-1.446	-0.023	1.372	2.202
921	9.20	2.199	1.420	0.155	-1.234	-2.470	-3.400	-3.958	-4.075	-3.644	-2.558
931	9.30	-0.826	1.322	3.426	4.919	5.338	4.547	2.833	0.821	-0.768	-1.410
941	9.40	-1.000	0.118	1.319	1.979	1.750	0.691	-0.786	-2.121	-2.860	-2.833
951	9.50	-2.183	-1.249	-0.380	0.231	0.605	0.918	1.356	1.988	2.694	3.216
961	9.60	3.280	2.742	1.681	0.394	-0.709	-1.267	-1.117	-0.370	0.623	1.406
971	9.70	1.598	1.055	-0.060	-1.331	-2.246	-2.409	-1.704	-0.355	1.161	2.305
981	9.80	2.699	2.269	1.261	0.104	-0.798	-1.251	-1.346	-1.378	-1.662	-2.344
991	9.90	-3.304	-4.208	-4.676	-4.488	-3.697	-2.598	-1.570	-0.872	-0.504	-0.234

Table 7-13-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.252	1.132	2.305	3.406	3.975	3.707	2.630	1.124	-0.245	-0.994
1011	10.10	-0.954	-0.334	0.403	0.797	0.638	0.068	-0.507	-0.656	-0.167	0.832
1021	10.20	1.930	2.658	2.727	2.173	1.319	0.569	0.271	0.376	0.658	0.774
1031	10.30	0.499	-0.143	-0.895	-1.430	-1.554	-1.334	-1.074	-1.142	-1.749	-2.801
1041	10.40	-3.907	-4.545	-4.312	-3.117	-1.234	0.812	2.463	3.340	3.362	2.717
1051	10.50	1.739	0.753	-0.032	-0.549	-0.784	-0.808	-0.649	-0.349	0.024	0.371
1061	10.60	0.588	0.632	0.552	0.486	0.575	0.872	1.270	1.524	1.369	0.678
1071	10.70	-0.430	-1.585	-2.312	-2.245	-1.324	0.140	1.579	2.405	2.282	1.283
1081	10.80	-0.141	-1.368	-1.897	-1.585	-0.706	0.190	0.554	0.122	-0.941	-2.100
1091	10.90	-2.698	-2.267	-0.778	1.314	3.232	4.197	3.757	1.989	-0.514	-2.878
1101	11.00	-4.293	-4.333	-3.115	-1.239	0.476	1.333	1.041	-0.186	-1.732	-2.864
1111	11.10	-3.067	-2.163	-0.548	1.176	2.386	2.722	2.233	1.321	0.531	0.286
1121	11.20	0.695	1.509	2.261	2.502	2.023	0.966	-0.239	-1.068	-1.142	-0.402
1131	11.30	0.858	2.106	2.791	2.561	1.402	-0.354	-2.151	-3.406	-3.704	-2.934
1141	11.40	-1.320	0.656	2.405	3.420	3.431	2.490	0.949	-0.660	-1.808	-2.156
1151	11.50	-1.674	-0.640	0.473	1.191	1.228	0.592	-0.438	-1.440	-2.041	-2.068
1161	11.60	-1.597	-0.886	-0.231	0.186	0.375	0.513	0.836	1.502	2.492	3.602
1171	11.70	4.510	4.891	4.533	3.396	1.627	-0.478	-2.542	-4.176	-5.063	-5.033
1181	11.80	-4.125	-2.609	-0.928	0.424	1.085	0.969	0.329	-0.338	-0.503	0.145
1191	11.90	1.519	3.139	4.322	4.487	3.438	1.465	-0.767	-2.523	-3.339	-3.226
1201	12.00	-2.635	-2.219	-2.463	-3.424	-4.686	-5.562	-5.447	-4.144	-1.981	0.324
1211	12.10	1.996	2.556	2.032	0.907	-0.143	-0.587	-0.285	0.485	1.224	1.495
1221	12.20	1.173	0.493	-0.089	-0.165	0.395	1.364	2.270	2.642	2.252	1.229
1231	12.30	-0.012	-0.970	-1.296	-0.941	-0.143	0.716	1.299	1.455	1.243	0.854
1241	12.40	0.481	0.225	0.081	-0.006	-0.066	-0.073	0.033	0.265	0.534	0.657
1251	12.50	0.443	-0.176	-1.065	-1.896	-2.282	-1.967	-0.983	0.329	1.442	1.886
1261	12.60	1.470	0.392	-0.844	-1.656	-1.664	-0.873	0.324	1.339	1.663	1.111
1271	12.70	-0.095	-1.438	-2.348	-2.467	-1.789	-0.639	0.502	1.218	1.325	0.902
1281	12.80	0.202	-0.502	-1.031	-1.335	-1.433	-1.328	-0.968	-0.278	0.739	1.915
1291	12.90	2.902	3.287	2.778	1.384	-0.521	-2.299	-3.286	-3.072	-1.686	0.407
1301	13.00	2.491	3.891	4.232	3.553	2.235	0.790	-0.372	-1.084	-1.421	-1.564
1311	13.10	-1.646	-1.647	-1.420	-0.816	0.171	1.328	2.272	2.612	2.133	0.924
1321	13.20	-0.633	-2.006	-2.722	-2.556	-1.604	-0.232	1.078	1.910	2.052	1.541
1331	13.30	0.624	-0.345	-1.020	-1.170	-0.735	0.153	1.208	2.071	2.427	2.127
1341	13.40	1.265	0.165	-0.734	-1.057	-0.679	0.191	1.078	1.441	0.938	-0.386
1351	13.50	-2.084	-3.482	-3.992	-3.390	-1.942	-0.289	0.851	1.023	0.251	-0.978
1361	13.60	-1.963	-2.131	-1.320	0.159	1.690	2.664	2.764	2.093	1.077	0.216
1371	13.70	-0.176	-0.101	0.177	0.325	0.154	-0.280	-0.727	-0.919	-0.742	-0.307
1381	13.80	0.131	0.340	0.274	0.104	0.105	0.453	1.070	1.614	1.653	0.919
1391	13.90	-0.480	-2.042	-3.074	-3.028	-1.794	0.199	2.161	3.302	3.212	2.053
1401	14.00	0.476	-0.714	-0.955	-0.205	1.655	2.090	2.296	1.514	0.110	-1.223
1411	14.10	-1.822	-1.395	-0.163	1.246	2.112	1.966	0.805	-0.927	-2.564	-3.531
1421	14.20	-3.588	-2.908	-1.952	-1.230	-1.065	-1.467	-2.159	-2.734	-2.853	-2.401
1431	14.30	-1.528	-0.587	0.021	0.013	-0.657	-1.760	-2.864	-3.481	-3.253	-2.103
1441	14.40	-0.297	1.613	2.981	3.306	2.447	0.716	-1.211	-2.534	-2.645	-1.375
1451	14.50	0.920	3.486	5.456	6.178	5.449	3.562	1.157	-1.038	-2.467	-2.898
1461	14.60	-2.422	-1.340	-0.004	1.300	2.387	3.145	3.491	3.358	2.724	1.671
1471	14.70	0.409	-0.762	-1.549	-1.785	-1.500	-0.914	-0.328	0.013	0.028	-0.172
1481	14.80	-0.365	-0.347	-0.047	0.433	0.866	1.027	0.814	0.305	-0.276	-0.663
1491	14.90	-0.679	-0.322	0.236	0.722	0.895	0.643	0.042	-0.680	-1.237	-1.404

Table 7-13-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-1.108	-0.464	0.272	0.795	0.881	0.476	-0.265	-1.037	-1.500	-1.429
1511	15.10	-0.825	0.067	0.844	1.115	0.689	-0.320	-1.509	-2.345	-2.389	-1.505
1521	15.20	0.064	1.774	3.001	3.304	2.582	1.119	-0.563	-1.934	-2.665	-2.731
1531	15.30	-2.356	-1.868	-1.517	-1.373	-1.330	-1.203	-0.853	-0.263	0.469	1.205
1541	15.40	1.850	2.399	2.911	3.426	3.903	4.193	4.106	3.509	2.426	1.062
1551	15.50	-0.256	-1.196	-1.550	-1.299	-0.599	0.299	1.152	1.801	2.188	2.331
1561	15.60	2.284	2.102	1.843	1.571	1.352	1.232	1.197	1.155	0.959	0.484
1571	15.70	-0.292	-1.237	-2.096	-2.599	-2.602	-2.193	-1.679	-1.461	-1.840	-2.841
1581	15.80	-4.161	-5.272	-5.649	-5.013	-3.476	-1.512	0.231	1.210	1.203	0.392
1591	15.90	-0.736	-1.616	-1.845	-1.339	-0.335	0.733	1.430	1.485	0.876	-0.190
1601	16.00	-1.376	-2.329	-2.777	-2.582	-1.758	-0.457	1.063	2.483	3.499	3.898
1611	16.10	3.629	2.816	1.718	0.622	-0.273	-0.930	-1.461	-2.027	-2.697	-3.349
1621	16.20	-3.667	-3.273	-1.931	0.274	2.871	5.120	6.277	5.900	4.060	1.360
1631	16.30	-1.280	-2.974	-3.223	-2.109	-0.254	1.455	2.252	1.817	0.400	-1.300
1641	16.40	-2.458	-2.498	-1.345	0.542	2.380	3.407	3.219	1.936	0.137	-1.414
1651	16.50	-2.109	-1.756	-0.650	0.586	1.292	1.069	-0.056	-1.669	-3.179	-4.086
1661	16.60	-4.194	-3.656	-2.855	-2.192	-1.886	-1.889	-1.949	-1.764	-1.154	-0.151
1671	16.70	1.031	2.114	2.895	3.327	3.503	3.568	3.616	3.632	3.523	3.195
1681	16.80	2.637	1.944	1.272	0.745	0.379	0.081	-0.270	-0.712	-1.120	-1.224
1691	16.90	-0.735	0.480	2.267	4.186	5.652	6.176	5.575	4.068	2.179	0.513
1701	17.00	-0.514	-0.837	-0.748	-0.722	-1.173	-2.241	-3.727	-5.185	-6.117	-6.187
1711	17.10	-5.340	-3.795	-1.930	-0.135	1.311	2.276	2.746	2.769	2.410	1.740
1721	17.20	0.862	-0.077	-0.895	-1.416	-1.532	-1.243	-0.661	0.037	0.661	1.070
1731	17.30	1.195	1.041	0.672	0.186	-0.298	-0.664	-0.837	-0.816	-0.701	-0.672
1741	17.40	-0.916	-1.517	-2.366	-3.147	-3.635	-2.889	-1.448	0.558	2.474	3.557
1751	17.50	3.298	1.680	-0.759	-3.116	-4.488	-4.373	-2.891	-0.736	1.141	1.978
1761	17.60	1.551	0.282	-0.977	-1.358	-0.409	1.714	4.235	6.187	6.810	5.894
1771	17.70	3.645	1.475	-0.388	-1.259	-1.179	-0.627	-0.242	-0.489	-1.444	-2.786
1781	17.80	-3.979	-4.545	-4.275	-3.290	-1.938	-0.600	0.486	1.279	1.869	2.338
1791	17.90	2.647	2.623	2.072	0.943	-0.551	-1.946	-2.689	-2.398	-1.085	0.773
1801	18.00	2.375	2.908	1.907	-0.507	-3.612	-6.338	-7.670	-7.056	-4.637	-1.204
1811	18.10	2.103	4.224	4.566	3.189	0.731	-1.880	-3.798	-4.550	-4.157	-3.032
1821	18.20	-1.763	-0.854	-0.569	-0.899	-1.651	-2.579	-3.493	-4.289	-4.915	-5.318
1831	18.30	-5.406	-5.069	-4.227	-2.892	-1.186	0.698	2.554	4.228	5.644	6.775
1841	18.40	7.602	8.075	8.120	7.687	6.807	5.622	4.356	3.243	2.438	1.968
1851	18.50	1.751	1.672	1.669	1.778	2.108	2.758	3.716	4.822	5.815	6.449
1861	18.60	6.612	6.392	6.020	5.736	5.635	5.586	5.284	4.419	2.976	0.861
1871	18.70	-1.130	-2.502	-2.820	-2.033	-0.528	1.013	1.884	1.644	0.880	-1.812
1881	18.80	-4.020	-5.778	-6.770	-6.996	-6.690	-6.145	-5.560	-4.974	-4.313	-3.509
1891	18.90	-2.602	-1.775	-1.296	-1.398	-2.167	-3.491	-5.081	-6.564	-7.583	-7.873
1901	19.00	-7.312	-5.941	-3.969	-1.777	0.112	1.124	0.782	-1.106	-4.303	-8.121
1911	19.10	-11.565	-13.632	-13.651	-11.550	-7.909	-3.783	-0.328	1.598	1.725	0.420
1921	19.20	-1.497	-3.084	-3.620	-2.802	-0.761	2.088	5.259	8.352	11.114	13.381
1931	19.30	14.993	15.751	15.468	14.094	11.845	9.246	7.042	5.978	6.538	8.744
1941	19.40	12.107	15.767	18.756	20.296	20.023	18.051	14.887	11.229	7.745	4.904
1951	19.50	2.894	1.639	0.871	0.222	-0.687	-2.166	-4.384	-7.311	-10.672	-13.971
1961	19.60	-16.581	-17.904	-17.568	-15.586	-12.609	-8.799	-5.695	-3.859	-3.700	-5.172
1971	19.70	-7.846	-11.091	-14.299	-17.037	-19.088	-20.374	-20.838	-20.369	-18.821	-16.131
1981	19.80	-12.470	-8.316	-4.400	-1.508	-0.218	-0.681	-2.557	-5.133	-7.578	-9.223
1991	19.90	-9.728	-9.097	-7.537	-5.272	-2.417	1.005	4.934	9.112	13.024	15.995

Table 7-13-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	17.448	17.190	15.588	13.520	12.085	12.193	14.199	17.760	21.970	25.713
2011	20.10	28.066	28.572	27.279	24.544	20.753	16.114	10.663	4.354	-2.483	-9.160
2021	20.20	-14.600	-17.667	-17.626	-14.525	-9.326	-3.675	0.626	2.241	0.782	-3.039
2031	20.30	-7.657	-11.187	-12.060	-9.519	-3.839	3.809	11.736	18.241	22.063	22.669
2041	20.40	20.319	15.920	10.734	6.021	2.706	1.157	0.114	-1.806	2.218	1.433
2051	20.50	-1.046	-5.114	-10.075	-14.869	-18.422	-20.001	-19.450	-17.217	-14.165	-11.255
2061	20.60	-9.214	-8.324	-8.409	-8.998	-9.602	-9.972	-10.222	-10.768	-12.101	-14.491
2071	20.70	-17.742	-21.122	-23.519	-23.777	-21.113	-15.443	-7.496	1.360	9.529	15.692
2081	20.80	19.216	20.310	19.846	18.935	18.425	18.545	18.855	18.535	16.873	13.734
2091	20.90	9.749	6.133	4.162	4.550	7.021	10.300	12.573	12.248	8.679	2.541
2101	21.00	-4.361	-9.778	-11.919	-10.197	-5.477	0.283	4.830	6.527	4.967	1.052
2111	21.10	-3.478	-6.821	-7.653	-6.503	-3.641	-0.594	1.460	1.915	0.800	-1.485
2121	21.20	-4.571	-8.406	-13.248	-19.365	-26.613	-34.144	-40.444	-43.750	-42.690	-36.873
2131	21.30	-27.158	-15.466	-4.184	4.591	9.676	11.063	9.744	7.203	4.840	3.538
2141	21.40	3.534	4.590	6.303	8.397	10.833	13.712	17.070	20.695	24.104	26.712
2151	21.50	28.118	28.358	27.981	27.863	28.823	31.185	34.489	37.511	38.611	36.310
2161	21.60	29.877	19.684	7.182	-5.524	-16.335	-23.813	-27.577	-28.280	-27.206	-25.654
2171	21.70	-24.392	-23.402	-22.035	-19.474	-15.290	-9.818	-4.146	0.291	2.343	1.724
2181	21.80	-0.737	-3.320	-4.034	-1.386	5.009	14.242	24.414	33.294	39.059	40.817
2191	21.90	38.735	33.766	27.151	19.946	12.770	5.837	-0.799	-6.965	-12.350	-16.417
2201	22.00	-18.867	-19.803	-19.847	-19.974	-21.142	-23.875	-27.991	-32.616	-36.496	-38.470
2211	22.10	-37.922	-35.004	-30.566	-25.622	-21.902	-19.489	-18.651	-18.926	-19.581	-19.920
2221	22.20	-19.507	-18.244	-16.284	-13.871	-11.173	-8.199	-4.808	-0.803	3.938	9.361
2231	22.30	15.182	20.905	25.913	29.587	31.459	31.332	29.351	26.000	21.997	18.116
2241	22.40	14.974	12.860	11.658	10.919	10.018	8.569	6.342	3.673	1.230	-0.177
2251	22.50	0.085	2.214	5.842	10.112	13.941	16.363	16.843	15.447	12.795	9.826
2261	22.60	7.652	6.235	6.195	6.829	7.321	6.882	5.075	2.020	-1.608	-4.801
2271	22.70	-6.573	-6.339	-4.167	-0.815	2.461	4.287	3.597	-0.035	-6.263	-14.070
2281	22.80	-22.057	-28.818	-33.262	-34.788	-33.299	-29.087	-22.665	-14.652	-5.733	3.316
2291	22.90	11.599	18.144	22.055	22.743	20.154	14.895	8.158	1.461	-3.750	-6.477
2301	23.00	-6.423	-4.007	-0.163	3.991	7.490	9.742	10.569	10.093	8.553	6.146
2311	23.10	2.974	-0.915	-5.419	-10.298	-15.167	-19.572	-23.123	-25.609	-27.040	-27.592
2321	23.20	-27.489	-26.877	-25.747	-23.949	-21.271	-17.566	-12.847	-7.334	-1.428	4.363
2331	23.30	9.533	13.680	16.594	18.320	19.164	19.642	20.359	21.819	24.231	27.371
2341	23.40	30.578	32.912	33.455	31.640	27.491	21.648	15.164	9.130	4.293	0.826
2351	23.50	-1.635	-3.721	-5.932	-8.323	-10.421	-11.425	-10.608	-7.727	-3.245	1.756
2361	23.60	5.936	8.186	8.033	5.776	2.322	-1.209	-3.913	-5.398	-5.812	-5.645
2371	23.70	-5.417	-5.402	-5.527	-5.462	-4.842	-3.495	-1.582	0.429	1.915	2.314
2381	23.80	1.315	-1.063	-4.375	-8.052	-11.355	-13.652	-14.551	-14.002	-12.314	-10.068
2391	23.90	-7.931	-6.430	-5.753	-5.671	-5.638	-5.036	-3.485	-1.059	1.674	3.863
2401	24.00	4.721	3.887	1.611	-1.328	-3.926	-5.368	-5.331	-4.054	-2.134	-0.171
2411	24.10	1.564	3.252	5.384	8.434	12.496	17.107	21.332	24.091	24.575	22.549
2421	24.20	18.426	13.079	7.501	2.486	-1.546	-4.518	-6.538	-7.725	-8.117	-7.716
2431	24.30	-6.594	-4.982	-3.253	-1.801	-0.873	-0.474	-0.400	-0.400	-0.372	-0.473
2441	24.40	-1.065	-2.397	-4.521	-6.940	-8.772	-9.053	-7.177	-3.257	1.768	6.376
2451	24.50	8.968	8.439	4.583	-1.830	-9.339	-16.305	-21.437	-24.136	-24.538	-23.305
2461	24.60	-21.275	-19.151	-17.344	-15.985	-15.049	-14.484	-14.247	-14.257	-14.288	-13.926
2471	24.70	-12.633	-9.932	-5.649	-0.088	5.967	11.439	15.306	16.965	16.470	14.538
2481	24.80	12.305	10.918	11.120	12.996	15.965	19.041	21.245	22.000	21.360	19.965
2491	24.90	18.754	18.546	19.667	21.779	23.987	25.178	24.465	21.552	16.870	11.432

Table 7-13-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	6.465	2.959	1.319	1.243	1.877	2.180	1.337	-0.933	-4.288	-7.932
2511	25.10	-10.953	-12.693	-12.995	-12.238	-11.141	-10.430	-10.509	-11.269	-12.133	-12.295
2521	25.20	-11.086	-8.292	-4.301	-0.012	3.466	5.200	4.746	2.276	-1.537	-5.808
2531	25.30	-9.774	-13.038	-15.600	-17.717	-19.633	-21.358	-22.583	-22.788	-21.489	-18.505
2541	25.40	-14.115	-9.030	-4.178	-0.398	1.825	2.497	2.054	1.155	0.425	0.235
2551	25.50	0.618	1.309	1.911	2.082	1.708	0.992	0.433	0.720	2.544	6.377
2561	25.60	12.271	19.753	27.841	35.224	40.561	42.819	41.549	36.988	29.968	21.654
2571	25.70	13.217	5.567	-0.770	-5.618	-9.006	-11.029	-11.783	-11.410	-10.193	-8.620
2581	25.80	-7.331	-6.944	-7.813	-9.839	-12.431	-14.669	-15.604	-14.602	-11.569	-6.998
2591	25.90	-1.817	2.887	6.159	7.390	6.406	3.452	-0.887	-5.810	-10.431	-13.933
2601	26.00	-15.735	-15.639	-13.893	-11.137	-8.197	-5.805	-4.348	-3.762	-3.630	-3.437
2611	26.10	-2.860	-1.937	-1.013	-0.489	-0.499	-0.716	-0.422	1.165	4.435	9.044
2621	26.20	13.894	17.476	18.471	16.327	11.540	5.495	-0.085	-3.822	-5.194	-4.628
2631	26.30	-3.167	-1.872	-1.287	-1.226	-0.984	0.159	2.412	5.236	7.536	8.200
2641	26.40	6.717	3.547	0.025	-2.193	-1.895	1.068	5.623	9.867	11.864	10.484
2651	26.50	5.918	-0.380	-6.299	-9.956	-10.480	-8.342	-5.114	-2.749	-2.723	-5.000
2661	26.60	-9.887	-14.429	-17.149	-16.820	-13.343	-7.746	-1.752	2.926	5.193	4.913
2671	26.70	2.828	0.166	-1.900	-2.672	-2.098	-0.644	1.008	2.303	3.007	3.212
2681	26.80	3.180	3.129	3.089	2.889	2.276	1.073	-0.701	-2.809	-4.881	-6.544
2691	26.90	-7.526	-7.693	-7.023	-5.564	-3.413	-0.755	2.092	4.664	6.438	6.995
2701	27.00	6.217	4.407	2.245	0.575	0.101	1.105	3.340	6.131	8.649	10.227
2711	27.10	10.570	9.768	8.155	6.089	3.809	1.442	-0.881	-2.882	-4.125	-4.174
2721	27.20	-2.863	-0.533	1.954	3.488	3.192	0.895	-2.680	-6.134	-7.999	-7.449
2731	27.30	-4.783	-1.402	0.762	0.133	-3.711	-9.724	-15.748	-19.393	-19.067	-14.667
2741	27.40	-7.618	-0.227	5.329	7.910	7.802	6.415	5.476	6.136	8.413	11.258
2751	27.50	13.156	12.961	10.509	6.729	3.192	1.351	1.868	4.341	7.573	10.207
2761	27.60	11.383	11.112	10.169	9.607	10.167	11.885	14.097	15.806	16.203	15.046
2771	27.70	12.714	9.925	7.289	4.971	2.642	-0.246	-4.030	-8.484	-12.776	-15.773
2781	27.80	-16.558	-14.907	-11.470	-7.563	-4.644	-3.727	-4.982	-7.730	-10.785	-13.003
2791	27.90	-13.757	-13.134	-11.798	-10.603	-10.167	-10.618	-11.603	-12.529	-12.889	-12.492
2801	28.00	-11.499	-10.258	-9.067	-7.985	-6.821	-5.282	-3.191	-0.655	1.943	4.114
2811	28.10	5.514	6.144	6.359	6.693	7.561	8.997	10.580	11.597	11.382	9.672
2821	28.20	6.792	3.568	0.981	-0.270	-0.102	0.899	1.758	1.583	0.035	-2.466
2831	28.30	-4.886	-6.052	-5.230	-2.540	0.992	3.809	4.451	2.185	-2.652	-8.761
2841	28.40	-14.375	-17.939	-18.674	-16.789	-13.241	-9.443	-6.314	-4.334	-3.317	-2.718
2851	28.50	-2.002	-0.924	0.417	1.761	2.946	4.085	5.529	7.666	10.536	13.863
2861	28.60	16.944	19.051	19.790	19.339	18.397	17.843	18.258	19.581	21.071	21.641
2871	28.70	20.403	17.156	12.547	7.808	4.181	2.311	1.922	1.952	1.107	-1.451
2881	28.80	-5.618	-10.323	-14.008	-15.366	-13.996	-10.639	-6.868	-4.383	-4.238	-6.383
2891	28.90	-9.722	-12.659	-13.850	-12.807	-10.064	-6.873	-4.570	-3.970	-5.043	-7.013
2901	29.00	-8.794	-9.512	-8.862	-7.147	-5.035	-3.179	-1.928	-1.241	-0.825	-0.360
2911	29.10	0.316	1.170	2.080	2.975	3.911	5.020	6.363	7.806	9.008	9.556
2921	29.20	9.191	7.982	6.341	4.839	3.910	3.603	3.515	2.979	1.404	-1.384
2931	29.30	-5.000	-8.619	-11.325	-12.504	-12.093	-10.563	-8.655	-7.010	-5.899	-5.175
2941	29.40	-4.461	-3.467	-2.230	-1.152	-0.803	-1.602	-3.538	-6.103	-8.469	-9.836
2951	29.50	-9.762	-8.330	-6.060	-3.635	-1.573	-0.014	1.264	2.665	4.495	6.767
2961	29.60	9.173	11.226	12.490	12.779	12.223	11.190	10.130	9.415	9.261	9.732
2971	29.70	10.796	12.359	14.251	16.186	17.744	18.438	17.880	15.969	13.019	9.719
2981	29.80	6.910	5.253	4.932	5.532	6.186	5.920	4.075	0.597	-3.934	-8.546
2991	29.90	-12.288	-14.609	-15.545	-15.618	-15.527	-15.775	-16.419	-17.065	-17.096	-16.011

Table 7-13-7

TABLE OF CORRECTED ACCELERATION RECORD — NO. 7

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-13.715	-10.614	-7.475	-5.117	-4.091	-4.468	-5.832	-7.460	-8.603	-8.744
3011	30.10	-7.751	-5.879	-3.652	-1.676	-0.452	-0.225	-0.905	-2.077	-3.097	-3.270
3021	30.20	-2.078	0.609	4.417	8.518	11.865	13.535	13.080	10.715	7.265	3.874
3031	30.30	1.573	0.907	1.757	3.450	5.078	5.891	5.576	4.310	2.590	0.953
3041	30.40	-0.268	-1.024	-1.468	-1.778	-2.017	-2.127	-2.031	-1.788	-1.666	-1.947
3051	30.50	-2.904	-4.367	-5.857	-6.544	-5.808	-3.515	-0.220	2.982	4.898	4.787
3061	30.60	2.746	-0.290	-2.943	-4.015	-3.048	-0.524	2.389	4.432	4.891	3.946
3071	30.70	2.575	2.015	3.118	5.873	9.383	12.285	13.426	12.425	9.863	6.992
3081	30.80	5.115	4.957	6.337	8.279	9.519	9.115	6.876	3.394	-0.299	-3.260
3091	30.90	-5.069	-5.960	-6.590	-7.607	-9.240	-11.147	-12.583	-12.802	-11.480	-8.942
3101	31.00	-6.076	-3.973	-3.459	-4.746	-7.341	-10.251	-12.381	-12.945	-11.725	-9.087
3111	31.10	-5.781	-2.624	-0.217	1.212	1.788	1.836	1.686	1.528	1.365	1.088
3121	31.20	0.606	-0.030	-0.595	-0.760	-0.248	1.001	2.737	4.447	5.530	5.546
3131	31.30	4.423	2.517	0.485	-0.988	-1.491	-1.072	-0.219	0.377	0.161	-0.998
3141	31.40	-2.722	-4.285	-4.956	-4.366	-2.602	-0.344	1.635	2.739	2.843	2.326
3151	31.50	1.857	2.040	3.114	4.839	6.639	7.889	8.218	7.650	6.536	5.328
3161	31.60	4.322	3.534	2.752	1.722	0.362	-1.151	-2.451	-3.180	-3.192	-2.619
3171	31.70	-1.779	-0.958	-0.215	0.668	2.031	4.059	6.538	8.789	9.878	9.005
3181	31.80	5.921	1.136	-4.187	-8.628	-11.051	-11.024	-8.957	-5.890	-3.042	-1.338
3191	31.90	-1.096	-2.018	-3.433	-4.652	-5.271	-5.281	-4.971	-4.713	-4.740	-5.036
3201	32.00	-5.376	-5.457	-5.061	-4.156	-2.902	-1.576	-0.469	0.218	0.425	0.258
3211	32.10	-0.043	-0.156	0.226	1.276	2.921	4.785	6.250	6.638	5.492	2.832
3221	32.20	-0.730	-4.108	-6.092	-5.810	-3.114	1.286	6.043	9.659	11.075	10.085
3231	32.30	7.415	4.409	2.451	2.387	4.180	6.955	9.398	10.335	9.228	6.387
3241	32.40	2.808	-0.259	-1.826	-1.544	0.214	2.553	4.456	5.183	4.528	2.841
3251	32.50	0.839	-0.690	-1.181	-0.464	1.211	3.292	5.115	6.115	5.989	4.774
3261	32.60	2.834	0.757	-0.822	-1.413	-0.844	0.659	2.506	3.911	4.146	2.795
3271	32.70	-0.064	-3.841	-7.589	-10.289	-11.182	-10.022	-7.172	-3.494	-0.078	2.101
3281	32.80	2.486	1.101	-1.491	-4.396	-6.703	-7.786	-7.493	-6.160	-4.459	-3.133
3291	32.90	-2.737	-3.455	-5.075	-7.107	-8.990	-10.289	-10.826	-10.679	-10.080	-9.269
3301	33.00	-8.379	-7.396	-6.220	-4.770	-3.981	-1.342	0.160	1.150	1.486	1.230
3311	33.10	0.639	0.075	-0.118	0.271	1.258	2.669	4.194	5.476	6.188	6.108
3321	33.20	5.164	3.473	1.337	-0.792	-2.399	-3.044	-2.503	-0.873	1.414	3.690
3331	33.30	5.250	5.579	4.528	2.377	-0.259	-2.632	-4.110	-4.366	-3.459	-1.776
3341	33.40	0.135	1.758	2.777	3.154	3.104	3.002	3.230	4.049	5.503	7.392
3351	33.50	9.323	10.821	11.476	11.082	9.722	7.750	5.690	4.050	3.141	2.967
3361	33.60	3.232	3.470	3.258	2.398	1.009	-0.534	-1.773	-2.387	-2.342	-1.915
3371	33.70	-1.568	-1.738	-2.633	-4.139	-5.861	-7.289	-7.998	-7.798	-6.776	-5.221
3381	33.80	-3.482	-1.842	-0.451	0.656	1.488	2.022	2.179	1.857	1.011	-0.280
3391	33.90	-1.783	-3.155	-4.039	-4.181	-3.529	-2.266	-0.785	0.410	0.828	0.127
3401	34.00	-1.777	-4.668	-8.062	-11.318	-13.802	-15.071	-14.993	-13.774	-11.871	-9.808
3411	34.10	-7.978	-6.500	-5.202	-3.735	-1.770	0.812	3.810	6.753	9.060	10.270
3421	34.20	10.230	9.166	7.605	6.186	5.427	5.547	6.396	7.516	8.323	8.320
3431	34.30	7.301	5.456	3.357	1.804	1.571	3.122	6.393	10.723	14.995	17.964
3441	34.40	18.679	16.849	12.994	8.305	4.229	1.944	1.904	3.677	6.136	7.930
3451	34.50	8.050	6.230	3.016	-0.521	-3.296	-4.699	-4.842	-4.453	-4.473	-5.567
3461	34.60	-7.772	-10.454	-12.591	-13.236	-11.951	-9.005	-5.270	-1.860	0.302	0.818
3471	34.70	-0.090	-1.725	-3.213	-3.830	-3.220	-1.475	0.941	3.341	5.012	5.387
3481	34.80	4.195	1.558	-1.994	-5.626	-8.402	-9.582	-8.891	-6.659	-3.753	-1.272
3491	34.90	-0.142	-0.740	-2.739	-5.244	-7.170	-7.703	-6.634	-4.417	-1.919	-0.002

Table 7-13-8

TABLE OF CORRECTED ACCELERATION RECORD — NO. 8

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.877	0.844	0.490	0.522	1.367	2.929	4.629	5.692	5.553	4.160
3511	35.10	2.022	-0.011	-1.143	-1.012	0.148	1.610	2.490	2.150	0.475	-2.079
3521	35.20	-4.692	-6.517	-7.014	-6.125	-4.237	-1.983	0.018	1.375	1.998	2.044
3531	35.30	1.771	1.381	0.927	0.305	-0.685	-2.219	-4.350	-6.927	-9.589	-11.817
3541	35.40	-13.050	-12.844	-11.023	-7.780	-3.674	0.504	3.956	6.134	6.922	6.664
3551	35.50	6.013	5.643	5.961	6.926	8.079	8.771	8.486	7.119	5.058	3.032
3561	35.60	1.780	1.710	2.686	4.085	5.076	5.012	3.742	1.694	-0.316	-1.464
3571	35.70	-1.303	0.026	1.853	3.290	3.635	2.683	0.807	-1.231	-2.628	-2.893
3581	35.80	-2.031	-0.489	1.086	2.148	2.467	2.157	1.535	0.895	0.351	-0.198
3591	35.90	-0.940	-1.971	-3.158	-4.153	-4.539	-4.062	-2.795	-1.157	0.239	0.848
3601	36.00	0.434	-0.841	-2.503	-4.007	-4.997	-5.445	-5.623	-5.894	-6.469	-7.231
3611	36.10	-7.750	-7.486	-6.062	-3.501	-0.270	2.887	5.260	6.476	6.669	6.301
3621	36.20	6.089	6.463	7.436	8.566	9.171	8.677	6.919	4.261	1.465	-0.632
3631	36.30	-1.467	-0.985	0.373	1.901	2.967	3.291	3.034	2.666	2.684	3.334
3641	36.40	4.476	5.652	6.323	6.135	5.082	3.491	1.838	0.509	-0.363	-0.896
3651	36.50	-1.311	-1.721	-1.997	-1.804	-0.786	1.178	3.817	6.497	8.460	9.145
3661	36.60	8.449	6.774	4.826	3.268	2.399	2.025	1.596	0.531	-1.439	-4.109
3671	36.70	-6.893	-9.150	-10.541	-11.227	-11.781	-12.844	-14.705	-17.035	-18.954	-19.406
3681	36.80	-17.691	-13.881	-8.883	-4.115	-0.915	0.027	-1.052	-3.132	-4.909	-5.398
3691	36.90	-4.346	-2.270	-0.116	1.258	1.515	0.960	0.315	0.280	1.131	2.570
3701	37.00	3.902	4.424	3.817	2.321	0.599	-0.621	-0.925	-0.411	0.406	0.919
3711	37.10	0.804	0.214	-0.294	-0.076	1.212	3.389	5.795	7.603	8.226	7.598
3721	37.20	6.192	4.762	3.951	3.989	4.626	5.329	5.634	5.626	5.005	4.891
3731	37.30	5.478	6.753	8.239	9.213	9.098	7.804	5.828	4.037	3.227	3.694
3741	37.40	5.030	6.281	6.400	4.768	1.536	-2.405	-5.806	-7.621	-7.470	-5.785
3751	37.50	-3.580	-1.966	-1.660	-2.720	-4.614	-6.569	-7.983	-8.694	-8.963	-9.219
3761	37.60	-9.714	-10.318	-10.555	-9.886	-8.067	-5.383	-2.601	-0.659	-0.234	-1.408
3771	37.70	-3.614	-5.905	-7.391	-7.655	-6.905	-5.809	-5.088	-5.097	-5.605	-5.914
3781	37.80	-5.237	-3.170	0.026	3.464	6.001	6.765	5.580	3.064	0.373	-1.324
3791	37.90	-1.362	0.143	2.384	4.272	4.956	4.213	2.521	0.803	-0.021	0.543
3801	38.00	2.367	4.803	7.017	8.367	8.669	8.212	7.565	7.280	7.645	8.596
3811	38.10	9.802	10.847	11.405	11.320	10.584	9.244	7.336	4.887	1.981	-1.162
3821	38.20	-4.171	-6.607	-8.124	-8.626	-8.329	-7.675	-7.128	-6.939	-7.001	-6.882
3831	38.30	-6.031	-4.062	-1.000	2.660	6.100	8.489	9.311	8.573	6.796	4.789
3841	38.40	3.326	2.840	3.288	4.213	4.975	5.029	4.138	2.429	0.298	-1.784
3851	38.50	-3.460	-4.596	-5.275	-5.700	-6.059	-6.430	-6.755	-6.891	-6.700	-6.130
3861	38.60	-5.263	-4.295	-3.481	-3.056	-3.164	-3.819	-4.894	-6.155	-7.319	-8.124
3871	38.70	-8.401	-8.123	-7.413	-6.501	-5.647	-5.036	-4.696	-4.492	-4.154	-3.390
3881	38.80	-2.009	-0.014	2.380	4.806	6.666	8.262	8.886	8.833	8.345	7.706
3891	38.90	7.144	6.771	6.577	6.472	6.340	6.091	5.675	5.088	4.353	3.515
3901	39.00	2.637	1.795	1.060	0.469	0.004	-0.418	-0.905	-1.526	-2.243	-2.875
3911	39.10	-3.143	-2.777	-1.655	0.087	2.048	3.675	4.462	4.160	2.891	1.114
3921	39.20	-0.554	-1.599	-1.822	-1.419	-0.880	-0.756	-1.411	-2.858	-4.770	-6.637
3931	39.30	-7.995	-8.611	-8.539	-8.024	-7.331	-6.596	-5.779	-4.744	-3.413	-1.891
3941	39.40	-0.481	0.434	0.590	0.014	-0.941	-1.715	-1.783	-0.902	0.772	2.739
3951	39.50	4.373	5.189	5.037	4.134	2.921	1.848	1.180	0.923	0.898	0.896
3961	39.60	0.822	0.750	0.866	1.353	2.278	3.565	5.053	6.592	8.099	9.546
3971	39.70	10.872	11.899	12.328	11.849	10.324	7.957	5.308	3.130	2.059	2.299
3981	39.80	3.469	4.710	5.038	3.776	0.880	-3.015	-6.865	-9.661	-10.862	-10.585
3991	39.90	-9.485	-8.386	-7.863	-7.985	-8.352	-8.372	-7.634	-6.161	-4.398	-2.958

Table 7-13-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-2.267	-2.311	-2.641	-2.630	-1.845	-0.324	1.396	2.542	2.514	1.218
4011	40.10	-0.847	-2.820	-3.904	-3.757	-2.657	-1.323	-0.511	-0.579	-1.277	-1.870
4021	40.20	-1.548	0.086	2.721	5.390	6.884	6.314	3.572	-0.561	-4.701	-7.435
4031	40.30	-7.905	-6.147	-3.037	0.111	2.104	2.326	0.911	-1.415	-3.712	-5.226
4041	40.40	-5.641	-5.093	-3.986	-2.748	-1.642	-0.728	0.054	0.749	1.296	1.548
4051	40.50	1.358	0.701	-0.277	-1.304	-2.103	-2.522	-2.607	-2.562	-2.630	-2.943
4061	40.60	-3.437	-3.857	-3.867	-3.204	-1.805	0.154	2.317	4.274	5.705	6.466
4071	40.70	6.610	6.338	5.912	5.580	5.520	5.821	6.478	7.399	8.414	9.300
4081	40.80	9.829	9.840	9.308	8.390	7.406	6.737	6.685	7.330	8.458	9.597
4091	40.90	10.176	9.737	8.140	5.649	2.873	0.558	-0.683	-0.615	0.521	2.077
4101	41.00	3.237	3.314	2.003	-0.512	-3.635	-6.583	-8.669	-9.525	-9.191	-8.041
4111	41.10	-6.593	-5.295	-4.370	-3.786	-3.350	-2.851	-2.211	-1.541	-1.100	-1.168
4121	41.20	-1.905	-3.240	-4.869	-6.328	-7.153	-7.028	-5.905	-4.028	-1.869	0.004
4131	41.30	1.101	1.155	0.217	-1.347	-2.954	-3.984	-3.987	-2.856	-0.897	1.239
4141	41.40	2.752	2.966	1.576	-1.219	-4.763	-8.149	-10.527	-11.390	-10.720	-8.965
4151	41.50	-6.835	-5.025	-3.968	-3.718	-3.995	-4.346	-4.359	-3.811	-2.727	-1.318
4161	41.60	0.128	1.362	2.237	2.708	2.803	2.583	2.125	1.525	0.901	0.376
4171	41.70	0.035	-0.114	-0.153	-0.220	-0.429	-0.791	-1.183	-1.393	-1.222	-0.597
4181	41.80	0.368	1.422	2.310	2.926	3.402	4.061	5.239	7.060	9.281	11.297
4191	41.90	12.354	11.863	9.697	6.309	2.604	-0.398	-1.966	-1.933	-0.743	0.783
4201	42.00	1.823	1.916	1.132	-0.009	-0.830	-0.828	0.089	1.601	3.156	4.256
4211	42.10	4.678	4.534	4.141	3.803	3.622	3.447	2.989	2.030	0.610	-0.925
4221	42.20	-2.038	-2.238	-1.317	0.538	2.800	4.816	6.060	6.327	5.765	4.770
4231	42.30	3.779	3.095	2.795	2.762	2.798	2.745	2.546	2.231	1.852	1.406
4241	42.40	0.823	-0.002	-1.121	-2.470	-3.863	-5.046	-5.802	-6.048	-5.874	-5.504
4251	42.50	-5.211	-5.206	-5.574	-6.260	-7.126	-8.022	-8.851	-9.583	-10.242	-10.849
4261	42.60	-11.390	-11.797	-11.976	-11.839	-11.341	-10.492	-9.344	-7.964	-6.412	-4.729
4271	42.70	-2.954	-1.145	0.610	2.189	3.461	4.320	4.721	4.700	4.371	3.905
4281	42.80	3.494	3.309	3.468	4.006	4.872	5.922	6.948	7.708	7.977	7.598
4291	42.90	6.532	4.883	2.891	0.892	-0.752	-1.741	-1.909	-1.269	-0.012	1.554
4301	43.00	3.084	4.292	5.028	5.297	5.234	5.034	4.860	4.788	4.780	4.729
4311	43.10	4.524	4.127	3.611	3.143	2.910	3.027	3.464	4.033	4.448	4.433
4321	43.20	3.834	2.689	1.213	-0.290	-1.557	-2.477	-3.126	-3.717	-4.482	-5.538
4331	43.30	-6.806	-8.023	-8.838	-8.967	-8.318	-7.044	-5.490	-4.056	-3.041	-2.527
4341	43.40	-2.366	-2.255	-1.879	-1.048	0.227	1.746	3.212	4.341	4.965	5.056
4351	43.50	4.697	4.012	3.096	1.990	0.701	-0.750	-2.281	-3.741	-4.941	-5.721
4361	43.60	-6.011	-5.857	-5.408	-4.853	-4.358	-4.020	-3.850	-3.801	-3.798	-3.770
4371	43.70	-3.658	-3.402	-2.936	-2.201	-1.178	0.073	1.391	2.541	3.289	3.498
4381	43.80	3.209	2.651	2.179	2.137	2.715	3.865	5.305	6.636	7.502	7.743
4391	43.90	7.448	6.894	6.395	6.137	6.074	5.952	5.445	4.334	2.654	0.712
4401	44.00	-1.030	-2.161	-2.514	-2.254	-1.805	-1.647	-2.080	-3.073	-4.268	-5.154
4411	44.10	-5.325	-4.685	-3.516	-2.351	-1.717	-1.875	-2.683	-3.657	-4.193	-3.865
4421	44.20	-2.619	-0.802	1.016	2.310	2.846	2.756	2.432	2.293	2.544	3.087
4431	44.30	3.601	3.766	3.487	2.990	2.713	3.051	4.074	5.399	6.294	6.006
4441	44.40	4.139	0.922	-2.815	-5.945	-7.522	-7.196	-5.377	-3.055	-1.355	-1.027
4451	44.50	-2.119	-3.963	-5.497	-5.750	-4.277	-1.333	2.251	5.444	7.432	7.893
4461	44.60	7.038	5.421	3.647	2.135	1.028	0.265	-0.267	-0.616	-0.739	-0.579
4471	44.70	-0.174	0.294	0.549	0.357	-0.334	-1.339	-2.311	-2.910	-2.972	-2.594
4481	44.80	-2.074	-1.735	-1.735	-1.979	-2.170	-2.000	-1.354	-0.425	0.342	0.464
4491	44.90	-0.330	-1.921	-3.823	-5.380	-6.057	-5.680	-4.499	-3.047	-1.868	-1.255

Table 7-13-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-1.126	-1.101	-0.738	0.211	1.641	3.123	4.106	4.175	3.250	1.618
4511	45.10	-0.199	-1.678	-2.506	-2.677	-2.436	-2.125	-2.006	-2.160	-2.489	-2.812
4521	45.20	-2.973	-2.923	-2.714	-2.441	-2.172	-1.908	-1.592	-1.166	-0.620	-0.009
4531	45.30	0.572	1.043	1.376	1.600	1.771	1.919	2.021	2.009	1.826	1.476
4541	45.40	1.054	0.722	0.651	0.939	1.577	2.466	3.369	4.169	4.714	4.920
4551	45.50	4.739	4.147	3.158	1.866	0.473	-0.722	-1.406	-1.368	-0.637	0.507
4561	45.60	1.596	2.168	1.971	1.094	-0.051	-0.916	-1.075	-0.444	0.664	1.674
4571	45.70	2.027	1.460	0.150	-1.360	-2.413	-2.556	-1.764	-0.442	0.772	1.329
4581	45.80	1.038	0.156	-0.753	-1.097	-0.553	0.789	2.483	3.964	4.820	4.971
4591	45.90	4.661	4.283	4.139	4.270	4.450	4.331	3.669	2.489	1.105	-0.021
4601	46.00	-0.509	-0.253	0.528	1.395	1.911	1.853	1.310	0.616	0.173	0.230
4611	46.10	0.759	1.461	1.913	1.765	0.902	-0.513	-2.121	-3.524	-4.441	-4.807
4621	46.20	-4.756	-4.541	-4.412	-4.525	-4.905	-5.465	-6.069	-6.588	-6.942	-7.112
4631	46.30	-7.123	-7.021	-6.838	-6.578	-6.208	-5.674	-4.923	-3.946	-2.797	-1.600
4641	46.40	-0.516	0.311	0.815	1.043	1.136	1.268	1.560	2.015	2.511	2.856
4651	46.50	2.895	2.601	2.112	1.694	1.632	2.114	3.159	4.614	6.226	7.738
4661	46.60	8.959	9.776	10.110	9.873	8.951	7.261	4.839	1.919	-1.065	-3.590
4671	46.70	-5.217	-5.772	-5.427	-4.640	-3.964	-3.816	-4.303	-5.196	-6.070	-6.524
4681	46.80	-6.383	-5.778	-5.060	-4.606	-4.609	-4.979	-5.384	-5.435	-4.896	-3.818
4691	46.90	-2.526	-1.467	-0.994	-1.196	-1.860	-2.574	-2.925	-2.673	-1.838	-0.658
4701	47.00	0.550	1.541	2.228	2.672	2.995	3.276	3.503	3.594	3.479	3.188
4711	47.10	2.874	2.761	3.036	3.741	4.721	5.681	6.302	6.380	5.915	5.104
4721	47.20	4.245	3.610	3.344	3.428	3.735	4.118	4.487	4.827	5.156	5.451
4731	47.30	5.606	5.444	4.810	3.677	2.228	0.832	-0.080	-0.192	0.529	1.779
4741	47.40	3.005	3.611	3.205	1.770	-0.321	-2.452	-4.028	-4.728	-4.641	-4.216
4751	47.50	-4.050	-4.607	-5.987	-7.866	-9.616	-10.586	-10.366	-8.989	-6.918	-4.863
4761	47.60	-3.492	-3.171	-3.831	-5.016	-6.083	-6.458	-5.846	-4.317	-2.240	-0.125
4771	47.70	1.573	2.590	2.912	2.728	2.338	2.042	2.046	2.421	3.097	3.886
4781	47.80	4.542	4.831	4.606	3.866	2.784	1.667	0.865	0.649	1.102	2.082
4791	47.90	3.259	4.244	4.740	4.655	4.134	3.484	3.035	2.993	3.355	3.924
4801	48.00	4.403	4.534	4.206	3.497	2.631	1.882	1.465	1.472	1.857	2.473
4811	48.10	3.130	3.649	3.893	3.778	3.269	2.389	1.217	-0.112	-1.423	-2.534
4821	48.20	-3.300	-3.649	-3.591	-3.214	-2.648	-2.039	-1.520	-1.198	-1.151	-1.416
4831	48.30	-1.977	-2.757	-3.624	-4.423	-5.024	-5.376	-5.517	-5.562	-5.638	-5.815
4841	48.40	-6.071	-6.302	-6.392	-6.292	-6.071	-5.901	-5.972	-6.381	-7.049	-7.729
4851	48.50	-8.104	-7.936	-7.196	-6.102	-5.036	-4.363	-4.252	-4.571	-4.922	-4.809
4861	48.60	-3.866	-2.041	0.346	2.705	4.389	4.933	4.226	2.538	0.420	-1.493
4871	48.70	-2.685	-2.899	-2.177	-0.805	0.802	2.245	3.252	3.744	3.844	3.823
4881	48.80	3.992	4.586	5.653	7.012	8.295	9.069	9.014	8.070	6.491	4.776
4891	48.90	3.485	3.016	3.436	4.455	5.547	6.179	6.038	5.163	3.905	2.755
4901	49.00	2.109	2.082	2.470	2.854	2.812	2.123	0.869	-0.603	-1.837	-2.469
4911	49.10	-2.370	-1.675	-0.707	0.176	0.709	0.803	0.524	0.037	-0.481	-0.821
4921	49.20	-1.104	-1.078	-0.801	-0.307	0.305	0.870	1.185	1.083	0.519	-0.383
4931	49.30	-1.343	-2.029	-2.186	-1.759	-0.918	0.010	0.694	0.958	0.856	0.640
4941	49.40	0.614	0.959	1.617	2.304	2.652	2.410	1.612	0.597	-0.125	-0.121
4951	49.50	0.722	2.088	3.324	3.699	2.737	0.456	-2.593	-5.513	-7.414	-7.761
4961	49.60	-6.582	-4.438	-2.178	-0.588	-0.095	-0.630	-1.724	-2.739	-3.153	-2.751
4971	49.70	-1.658	-0.231	1.130	2.139	2.688	2.820	2.631	2.192	1.526	0.649
4981	49.80	-0.364	-1.342	-2.047	-2.260	-1.880	-0.983	0.198	1.367	2.283	2.845
4991	49.90	3.104	3.200	3.269	3.365	3.449	3.440	3.283	3.001	2.683	2.422

Table 7-13-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	2.233	2.018	1.596	0.797	-0.425	-1.934	-3.441	-4.609	-5.198	-5.170
5011	50.10	-4.697	-4.079	-3.597	-3.395	-3.429	-3.520	-3.470	-3.188	-2.749	-2.364
5021	50.20	-2.282	-2.668	-3.526	-4.694	-5.909	-6.905	-7.502	-7.635	-7.353	-6.766
5031	50.30	-6.012	-5.227	-4.537	-4.046	-3.819	-3.850	-4.047	-4.236	-4.219	-3.847
5041	50.40	-3.083	-2.027	-0.873	0.180	1.013	1.636	2.159	2.710	3.344	3.993
5051	50.50	4.494	4.687	4.524	4.139	3.817	3.883	4.546	5.793	7.367	8.870
5061	50.60	9.932	10.365	10.246	9.863	9.578	9.650	10.114	10.768	11.264	11.262
5071	50.70	10.575	9.240	7.488	5.645	4.605	2.734	1.835	1.190	0.625	-0.013
5081	50.80	-0.801	-1.732	-2.727	-3.666	-4.425	-4.905	-5.061	-4.923	-4.601	-4.265
5091	50.90	-4.103	-4.257	-4.765	-5.532	-6.350	-6.964	-7.168	-6.885	-6.211	-5.383
5101	51.00	-4.698	-4.405	-4.613	-5.257	-6.117	-6.910	-7.376	-7.367	-6.876	-6.021
5111	51.10	-4.981	-3.928	-2.970	-2.124	-1.334	-0.511	0.415	1.456	2.549	3.568
5121	51.20	4.363	4.810	4.850	4.513	3.913	3.213	2.578	2.127	1.896	1.839
5131	51.30	1.850	1.808	1.629	1.293	0.852	0.406	0.062	-0.114	-0.115	0.006
5141	51.40	0.170	0.316	0.441	0.605	0.911	1.447	2.231	3.171	4.076	4.711
5151	51.50	4.882	4.519	3.714	2.701	1.774	1.172	0.989	1.143	1.419	1.578
5161	51.60	1.467	1.103	0.668	0.428	0.604	1.267	2.286	3.375	4.209	4.550
5171	51.70	4.340	3.708	2.897	2.147	1.598	1.249	0.992	0.696	0.290	-0.191
5181	51.80	-0.637	-0.928	-1.012	-0.942	-0.854	-0.897	-1.152	-1.588	-2.079	-2.459
5191	51.90	-2.622	-2.561	-2.374	-2.213	-2.206	-2.400	-2.753	-3.172	-3.567	-3.899
5201	52.00	-4.180	-4.437	-4.660	-4.780	-4.686	-4.294	-3.610	-2.772	-2.011	-1.568
5211	52.10	-1.579	-2.002	-2.621	-3.135	-3.287	-2.992	-2.369	-1.697	-1.284	-1.331
5221	52.20	-1.841	-2.626	-3.398	-3.899	-4.003	-3.759	-3.339	-2.944	-2.703	-2.628
5231	52.30	-2.627	-2.569	-2.355	-1.963	-1.442	-0.872	-0.313	0.223	0.763	1.337
5241	52.40	1.947	2.552	3.081	3.472	3.699	3.781	3.766	3.697	3.597	3.463
5251	52.50	3.293	3.104	2.938	2.839	2.817	2.823	2.755	2.511	2.057	1.476
5261	52.60	0.956	0.723	0.922	1.533	2.344	3.030	3.292	2.996	2.253	1.370
5271	52.70	0.716	0.545	0.881	1.509	2.096	2.366	2.246	1.903	1.655	1.791
5281	52.80	2.407	3.337	4.222	4.690	4.540	3.852	2.954	2.260	2.071	2.428
5291	52.90	3.098	3.692	3.860	3.450	2.562	1.473	0.678	-0.260	-0.773	-1.243
5301	53.00	-1.860	-2.695	-3.628	-4.405	-4.765	-4.591	-3.985	-3.238	-2.709	-2.665
5311	53.10	-3.165	-4.049	-5.010	-5.731	-6.000	-5.767	-5.127	-4.247	-3.301	-2.419
5321	53.20	-1.691	-1.182	-0.934	-0.956	-1.186	-1.476	-1.615	-1.398	-0.720	0.354
5331	53.30	1.591	2.661	3.272	3.289	2.795	2.055	1.404	1.107	1.262	1.784
5341	53.40	2.465	3.082	3.481	3.612	3.493	3.155	2.593	1.780	0.719	-0.490
5351	53.50	-1.622	-2.379	-2.504	-1.911	-0.764	0.550	1.550	1.853	1.335	0.185
5361	53.60	-1.168	-2.242	-2.701	-2.494	-1.855	-1.179	-0.832	-0.990	-1.571	-2.306
5371	53.70	-2.889	-3.138	-3.085	-2.939	-2.959	-3.293	-3.879	-4.450	-4.657	-4.241
5381	53.80	-3.167	-1.660	-0.107	1.114	1.800	2.003	1.977	2.026	2.328	2.831
5391	53.90	3.282	3.368	2.912	2.006	1.010	0.401	0.544	1.486	2.889	4.145
5401	54.00	4.633	3.995	2.318	0.115	-1.886	-3.038	-3.050	-2.088	-0.670	0.578
5411	54.10	1.216	1.160	0.682	0.236	0.203	0.698	1.516	2.250	2.508	2.117
5421	54.20	1.210	0.150	-0.662	-0.988	-0.870	-0.599	-0.549	-0.972	-1.853	-2.905
5431	54.30	-3.695	-3.854	-3.252	-2.066	-0.701	0.388	0.885	0.733	0.137	-0.558
5441	54.40	-1.023	-1.078	-0.740	-0.174	0.418	0.896	1.236	1.500	1.769	2.065
5451	54.50	2.317	2.397	2.194	1.690	1.005	0.365	0.011	0.097	0.606	1.349
5461	54.60	2.022	2.335	2.127	1.435	0.485	-0.394	-0.906	-0.894	-0.409	0.327
5471	54.70	1.012	1.390	1.349	0.958	0.424	-0.007	-0.158	0.010	0.390	0.798
5481	54.80	1.053	1.070	0.883	0.621	0.434	0.419	0.570	0.784	0.907	0.796
5491	54.90	0.378	-0.337	-1.268	-2.296	-3.294	-4.139	-4.716	-4.923	-4.693	-4.025

Table 7-13-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-3.024	-1.899	-0.922	-0.340	-0.274	-0.654	-1.224	-1.636	-1.585	-0.954
5511	55.10	0.122	1.292	2.119	2.257	1.591	0.288	-1.265	-2.610	-3.379	-3.415
5521	55.20	-2.799	-1.785	-0.685	0.240	0.851	1.132	1.147	0.988	0.736	0.451
5531	55.30	0.186	-0.006	-0.067	0.039	0.304	0.670	1.040	1.318	1.447	1.428
5541	55.40	1.315	1.181	1.080	1.026	0.998	0.960	0.894	0.813	0.743	0.700
5551	55.50	0.672	0.611	0.472	0.251	0.010	-0.120	-0.001	0.450	1.195	2.069
5561	55.60	2.820	3.212	3.114	2.555	1.717	0.849	0.167	-0.234	-0.405	-0.497
5571	55.70	-0.669	-0.999	-1.440	-1.834	-1.991	-1.775	-1.176	-0.316	0.592	1.325
5581	55.80	1.728	1.755	1.468	0.998	0.491	0.060	-0.234	-0.388	-0.441	-0.451
5591	55.90	-0.483	-0.591	-0.802	-1.104	-1.446	-1.748	-1.927	-1.933	-1.782	-1.557
5601	56.00	-1.387	-1.396	-1.649	-2.116	-2.677	-3.168	-3.440	-3.423	-3.145	-2.715
5611	56.10	-2.273	-1.928	-1.724	-1.634	-1.586	-1.505	-1.339	-1.067	-0.684	-0.185
5621	56.20	0.439	1.187	2.014	2.822	3.462	3.787	3.712	3.265	2.593	1.924
5631	56.30	1.473	1.362	1.569	1.961	2.274	2.404	2.285	2.002	1.721	1.603
5641	56.40	1.713	1.994	2.296	2.454	2.374	2.079	1.687	1.350	1.160	1.100
5651	56.50	1.050	0.854	0.408	-0.270	-1.033	-1.657	-1.937	-1.772	-1.213	-0.433
5661	56.60	0.338	0.904	1.161	1.116	0.849	0.469	0.070	-0.287	-0.567	-0.737
5671	56.70	-0.768	-0.638	-0.365	-0.018	0.290	0.444	0.378	0.114	-0.236	-0.519
5681	56.80	-0.613	-0.499	-0.276	-0.127	-0.226	-0.652	-1.328	-2.037	-2.513	-2.559
5691	56.90	-2.147	-1.451	-0.790	-0.505	-0.814	-1.715	-2.974	-4.205	-5.014	-5.148
5701	57.00	-4.588	-3.556	-2.428	-1.596	-1.324	-1.662	-2.431	-3.303	-3.914	-3.996
5711	57.10	-3.457	-2.396	-1.059	0.263	1.327	2.013	2.338	2.426	2.441	2.519
5721	57.20	2.719	3.021	3.347	3.613	3.767	3.816	3.818	3.855	3.994	4.259
5731	57.30	4.615	4.978	5.235	5.286	5.070	4.589	3.923	3.207	2.603	2.250
5741	57.40	2.215	2.455	2.821	3.094	3.063	2.604	1.735	0.629	-0.450	-1.237
5751	57.50	-1.578	-1.489	-1.158	-0.863	-0.860	-1.276	-2.051	-2.973	-3.758	-4.178
5761	57.60	-4.144	-3.740	-3.175	-2.696	-2.488	-2.613	-3.004	-3.505	-3.942	-4.182
5771	57.70	-4.172	-3.938	-3.567	-3.181	-2.901	-2.826	-3.001	-3.398	-3.904	-4.335
5781	57.80	-4.484	-4.190	-3.412	-2.261	-0.983	0.123	0.815	1.009	0.808	0.465
5791	57.90	0.263	0.392	0.863	1.513	2.085	2.363	2.282	1.961	1.644	1.577
5801	58.00	1.877	2.463	3.086	3.442	3.315	2.682	1.732	0.781	0.134	-0.052
5811	58.10	0.176	0.598	0.933	0.976	0.688	0.209	-0.216	-0.360	-0.115	0.463
5821	58.20	1.189	1.844	2.274	2.458	2.498	2.555	2.752	3.106	3.509	3.774
5831	58.30	3.723	3.269	2.466	1.486	0.559	-0.124	-0.476	-0.537	-0.443	-0.357
5841	58.40	-0.398	-0.596	-0.889	-1.160	-1.302	-1.261	-1.062	-0.798	-0.593	-0.559
5851	58.50	-0.757	-1.183	-1.772	-2.416	-2.988	-3.371	-3.484	-3.303	-2.869	-2.288
5861	58.60	-1.700	-1.235	-0.965	-0.868	-0.829	-0.685	-0.290	0.404	1.318	2.254
5871	58.70	2.969	3.273	3.106	2.567	1.875	1.271	0.917	0.827	0.868	0.828
5881	58.80	0.524	-0.113	-0.999	-1.930	-2.666	-3.021	-2.935	-2.473	-1.786	-1.042
5891	58.90	-0.369	0.174	0.582	0.875	1.066	1.148	1.105	0.933	0.654	0.317
5901	59.00	-0.017	-0.294	-0.483	-0.575	-0.576	-0.499	-0.363	-0.192	-0.024	0.100
5911	59.10	0.149	0.133	0.104	0.152	0.359	0.754	1.268	1.746	1.987	1.829
5921	59.20	1.228	0.292	-0.735	-1.557	-1.931	-1.753	-1.098	-0.183	0.706	1.314
5931	59.30	1.489	1.213	0.583	-0.228	-1.036	-1.681	-2.059	-2.132	-1.933	-1.552
5941	59.40	-1.123	-0.787	-0.659	-0.792	-1.159	-1.669	-2.203	-2.658	-2.981	-3.172
5951	59.50	-3.257	-3.252	-3.143	-2.886	-2.452	-1.864	-1.229	-0.708	-0.665	-0.582
5961	59.60	-1.009	-1.571	-2.027	-2.171	-1.918	-1.335	-0.602	0.078	0.580	0.907
5971	59.70	1.181	1.564	2.162	2.957	3.804	4.497	4.861	4.838	4.511	4.072
5981	59.80	3.735	3.653	3.859	4.272	4.743	5.116	5.283	5.205	4.901	4.421
5991	59.90	3.826	3.176	2.533	1.966	1.538	1.291	1.220	1.284	1.317	1.260

Table 7-13-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	1.002	0.518	-0.146	-0.876	-1.532	-1.983	-2.137	-1.968	-1.521	-0.903
6011	60.10	-0.273	0.194	0.345	0.095	-0.538	-1.420	-2.331	-3.030	-3.334	-3.183
6021	60.20	-2.661	-1.967	-1.331	-0.931	-0.825	-0.947	-1.150	-1.284	-1.265	-1.106
6031	60.30	-0.898	-0.753	-0.745	-0.872	-1.068	-1.241	-1.326	-1.310	-1.239	-1.173
6041	60.40	-1.157	-1.190	-1.233	-1.239	-1.187	-1.097	-1.021	-1.004	-1.046	-1.091
6051	60.50	-1.043	-0.811	-0.361	0.257	0.921	1.484	1.833	1.940	1.863	1.721
6061	60.60	1.632	1.666	1.817	2.018	2.182	2.244	2.195	2.075	1.915	1.854
6071	60.70	1.810	1.780	1.714	1.573	1.361	1.119	0.916	0.812	0.832	0.949
6081	60.80	1.095	1.181	1.128	0.892	0.470	-0.097	-0.744	-1.394	-1.977	-2.446
6091	60.90	-2.781	-2.998	-3.142	-3.271	-3.439	-3.676	-3.972	-4.280	-4.533	-4.675
6101	61.00	-4.688	-4.605	-4.494	-4.435	-4.470	-4.581	-4.685	-4.666	-4.423	-3.921
6111	61.10	-3.213	-2.434	-1.744	-1.271	-1.056	-1.034	-1.064	-0.981	-0.668	-0.101
6121	61.20	0.646	1.430	2.094	2.529	2.702	2.667	2.529	2.410	2.406	2.560
6131	61.30	2.857	3.229	3.575	3.786	3.769	3.476	2.927	2.214	1.489	0.918
6141	61.40	0.627	0.649	0.897	1.184	1.291	1.053	0.436	-0.436	-1.318	-1.935
6151	61.50	-2.089	-1.740	-1.027	-0.211	0.421	0.671	0.487	-0.024	-0.658	-1.200
6161	61.60	-1.496	-1.495	-1.240	-0.824	-0.349	0.106	0.490	0.769	0.921	0.960
6171	61.70	0.857	0.745	0.715	0.883	1.318	2.001	2.625	3.620	4.228	4.556
6181	61.80	4.613	4.492	4.309	4.145	4.003	3.826	3.544	3.133	2.648	2.204
6191	61.90	1.912	1.817	1.855	1.883	1.756	1.406	0.901	0.418	0.161	0.250
6201	62.00	0.647	1.164	1.543	1.579	1.222	0.599	-0.055	-0.514	-0.674	-0.588
6211	62.10	-0.419	-0.334	-0.397	-0.539	-0.604	-0.467	-0.132	0.237	0.381	0.088
6221	62.20	-0.677	-1.724	-2.707	-3.280	-3.261	-2.725	-1.960	-1.320	-1.047	-1.161
6231	62.30	-1.467	-1.692	-1.650	-1.359	-1.031	-0.939	-1.243	-1.868	-2.521	-2.834
6241	62.40	-2.579	-1.807	-0.856	-0.188	-0.153	-0.790	-1.783	-2.612	-2.805	-2.186
6251	62.50	-0.975	0.312	1.119	1.117	0.365	-0.735	-1.653	-1.995	-1.697	-1.024
6261	62.60	-0.413	-0.225	-0.557	-1.216	-1.841	-2.122	-1.971	-1.555	-1.180	-1.099
6271	62.70	-1.352	-1.739	-1.942	-1.719	-1.061	-0.215	0.439	0.602	0.229	-0.440
6281	62.80	-0.999	-1.098	-0.640	0.164	0.900	1.176	0.838	0.057	-0.752	-1.147
6291	62.90	-0.888	-0.060	0.972	1.754	1.960	1.542	0.730	-0.119	-0.706	-0.931
6301	63.00	-0.907	-0.830	-0.923	-1.131	-1.319	-1.284	-0.920	-0.314	0.276	0.540
6311	63.10	0.281	-0.474	-1.480	-2.388	-2.907	-2.939	-2.596	-2.123	-1.750	-1.579
6321	63.20	-1.550	-1.505	-1.301	-0.904	-0.406	0.036	0.309	0.421	0.505	0.742
6331	63.30	1.248	1.994	2.799	3.417	3.657	3.487	3.059	2.639	2.486	2.746
6341	63.40	3.397	4.278	5.171	5.894	6.350	6.520	6.426	6.087	5.513	4.723
6351	63.50	3.786	2.831	2.016	1.467	1.206	1.129	1.047	0.777	0.236	-0.500
6361	63.60	-1.229	-1.712	-1.792	-1.480	-0.951	-0.467	-0.256	-0.404	-0.825	-1.309
6371	63.70	-1.633	-1.664	-1.422	-1.057	-0.774	-0.730	-0.973	-1.422	-1.924	-2.314
6381	63.80	-2.486	-2.417	-2.150	-1.767	-1.347	-0.952	-0.626	-0.400	-0.296	-0.320
6391	63.90	-0.446	-0.619	-0.762	-0.810	-0.729	-0.535	-0.279	-0.017	0.219	0.438
6401	64.00	0.671	0.946	1.248	1.516	1.664	1.626	1.404	1.078	0.786	0.664
6411	64.10	0.779	1.098	1.496	1.813	1.922	1.788	1.475	1.108	0.808	0.634
6421	64.20	0.566	0.525	0.426	0.232	-0.034	-0.303	-0.515	-0.663	-0.811	-1.062
6431	64.30	-1.497	-2.119	-2.825	-3.438	-3.778	-3.745	-3.374	-2.826	-2.326	-2.062
6441	64.40	-2.104	-2.374	-2.681	-2.819	-2.662	-2.230	-1.685	-1.259	-1.148	-1.419
6451	64.50	-1.973	-2.585	-2.996	-3.022	-2.631	-1.950	-1.207	-0.631	-0.358	-0.381
6461	64.60	-0.569	-0.736	-0.731	-0.502	-0.113	0.296	0.583	0.674	0.589	0.432
6471	64.70	0.332	0.381	0.595	0.911	1.230	1.461	1.566	1.566	1.515	1.458
6481	64.80	1.403	1.315	1.146	0.874	0.540	0.244	0.115	0.252	0.676	1.312
6491	64.90	2.008	2.597	2.960	3.064	2.972	2.799	2.661	2.618	2.652	2.688

Table 7-13-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	2.625	2.391	1.973	1.418	0.816	0.263	-0.169	-0.454	-0.604	-0.661
6511	65.10	-0.671	-0.676	-0.697	-0.737	-0.786	-0.825	-0.836	-0.811	-0.758	-0.699
6521	65.20	-0.666	-0.682	-0.757	-0.875	-1.003	-1.110	-1.182	-1.231	-1.287	-1.375
6531	65.30	-1.486	-1.568	-1.537	-1.318	-0.890	-0.315	0.265	0.680	0.802	0.611
6541	65.40	0.215	-0.185	-0.378	-0.236	0.223	0.839	1.372	1.607	1.444	0.937
6551	65.50	0.267	-0.335	-0.683	-0.703	-0.440	-0.015	0.443	0.853	1.204	1.538
6561	65.60	1.897	2.288	2.667	2.957	3.085	3.020	2.788	2.463	2.138	1.896
6571	65.70	1.784	1.812	1.953	2.146	2.312	2.357	2.196	1.783	1.136	0.356
6581	65.80	-0.392	-0.929	-1.125	-0.957	-0.528	-0.026	0.344	0.451	0.282	-0.058
6591	65.90	-0.408	-0.632	-0.684	-0.619	-0.558	-0.613	-0.825	-1.150	-1.489	-1.751
6601	66.00	-1.912	-2.022	-2.173	-2.431	-2.785	-3.132	-3.327	-3.252	-2.884	-2.312
6611	66.10	-1.700	-1.211	-0.932	-0.852	-0.882	-0.923	-0.926	-0.911	-0.938	-1.047
6621	66.20	-1.207	-1.318	-1.259	-0.969	-0.509	-0.054	0.182	0.053	-0.429	-1.077
6631	66.30	-1.606	-1.773	-1.496	-0.911	-0.309	-0.006	-0.184	-0.808	-1.638	-2.355
6641	66.40	-2.712	-2.651	-2.316	-1.966	-1.830	-1.991	-2.346	-2.676	-2.773	-2.558
6651	66.50	-2.122	-1.679	-1.435	-1.480	-1.724	-1.943	-1.898	-1.458	-0.675	0.234
6661	66.60	0.992	1.395	1.401	1.144	0.860	0.774	0.996	1.491	2.112	2.682
6671	66.70	3.082	3.284	3.340	3.324	3.285	3.217	3.082	2.852	2.540	2.212
6681	66.80	1.952	1.818	1.805	1.848	1.861	1.784	1.623	1.444	1.340	1.367
6691	66.90	1.512	1.693	1.796	1.745	1.538	1.256	1.020	0.929	1.008	1.199
6701	67.00	1.399	1.515	1.519	1.457	1.407	1.423	1.479	1.469	1.249	0.724
6711	67.10	-0.085	-1.025	-1.854	-2.346	-2.392	-2.050	-1.528	-1.091	-0.935	-1.102
6721	67.20	-1.459	-1.767	-1.793	-1.426	-0.731	0.082	0.753	1.086	1.036	0.715
6731	67.30	0.334	0.097	0.113	0.356	0.695	0.965	1.054	0.949	0.735	0.540
6741	67.40	0.475	0.577	0.806	1.077	1.302	1.435	1.478	1.463	1.420	1.348
6751	67.50	1.222	1.011	0.712	0.368	0.051	-0.165	-0.250	-0.235	-0.201	-0.241
6761	67.60	-0.409	-0.689	-0.997	-1.220	-1.273	-1.165	-0.902	-0.656	-0.516	-0.522
6771	67.70	-0.652	-0.818	-0.930	-0.943	-0.879	-0.817	-0.839	-0.986	-1.220	-1.642
6781	67.80	-1.531	-1.404	-1.057	-0.570	-0.070	0.317	0.519	0.532	0.411	0.230
6791	67.90	0.048	-0.111	-0.257	-0.406	-0.563	-0.714	-0.835	-0.910	-0.946	-0.977
6801	68.00	-1.043	-1.170	-1.359	-1.583	-1.812	-2.026	-2.230	-2.444	-2.677	-2.909
6811	68.10	-3.087	-3.140	-3.019	-2.727	-2.331	-1.936	-1.633	-1.459	-1.368	-1.256
6821	68.20	-1.018	-0.608	-0.076	0.441	0.783	0.838	0.609	0.213	-0.162	-0.344
6831	68.30	-0.254	0.066	0.481	0.832	1.027	1.078	1.092	1.209	1.519	2.006
6841	68.40	2.550	2.978	3.149	3.020	2.664	2.228	1.864	1.652	1.574	1.539
6851	68.50	1.443	1.237	0.964	0.733	0.659	0.793	1.080	1.376	1.511	1.372
6861	68.60	0.972	0.443	-0.012	-0.215	-0.100	0.258	0.670	0.926	0.884	0.538
6871	68.70	0.018	-0.475	-0.770	-0.803	-0.648	-0.483	-0.493	-0.786	-1.325	-1.946
6881	68.80	-2.418	-2.548	-2.258	-1.619	-0.818	-0.074	0.449	0.698	0.732	0.680
6891	68.90	0.660	0.730	0.860	0.963	0.948	0.776	0.481	0.156	-0.093	-0.200
6901	69.00	-0.170	-0.073	-0.010	-0.065	-0.261	-0.560	-0.878	-1.125	-1.239	-1.208
6911	69.10	-1.057	-0.832	-0.578	-0.321	-0.077	0.145	0.329	0.454	0.503	0.474
6921	69.20	0.385	0.272	0.174	0.121	0.127	0.196	0.329	0.528	0.801	1.142
6931	69.30	1.517	1.867	2.116	2.200	2.106	1.882	1.630	1.464	1.463	1.628
6941	69.40	1.879	2.091	2.146	1.993	1.670	1.290	0.989	0.862	0.924	1.109
6951	69.50	1.300	1.392	1.332	1.139	0.880	0.624	0.406	0.210	-0.019	-0.330
6961	69.60	-0.735	-1.186	-1.594	-1.865	-1.944	-1.837	-1.610	-1.353	-1.147	-1.028
6971	69.70	-0.987	-0.992	-0.968	-0.924	-0.860	-0.805	-0.790	-0.827	-0.900	-0.978
6981	69.80	-1.025	-1.021	-0.968	-0.891	-0.822	-0.792	-0.819	-0.904	-1.039	-1.200
6991	69.90	-1.358	-1.482	-1.540	-1.508	-1.380	-1.171	-0.922	-0.685	-0.511	-0.438

Table 7-13-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.483	-0.638	-0.885	-1.197	-1.551	-1.922	-2.275	-2.568	-2.752	-2.793
7011	70.10	-2.686	-2.470	-2.225	-2.039	-1.980	-2.054	-2.200	-2.305	-2.258	-1.995
7021	70.20	-1.546	-1.026	-0.596	-0.398	-0.484	-0.794	-1.168	-1.413	-1.381	-1.034
7031	70.30	-0.456	0.182	0.696	0.971	1.001	0.887	0.779	0.804	1.006	1.330
7041	70.40	1.653	1.849	1.851	1.688	1.469	1.337	1.401	1.696	2.166	2.692
7051	70.50	3.139	3.406	3.447	3.276	2.945	2.523	2.075	1.656	1.313	1.077
7061	70.60	0.961	0.954	1.013	1.083	1.115	1.092	1.036	1.000	1.031	1.140
7071	70.70	1.283	1.379	1.351	1.172	0.898	0.646	0.539	0.641	0.905	1.182
7081	70.80	1.291	1.106	0.641	0.062	-0.371	-0.421	0.013	0.835	1.778	2.517
7091	70.90	2.807	2.585	1.993	1.304	0.799	0.637	0.807	1.147	1.450	1.564
7101	71.00	1.466	1.246	1.043	0.950	0.951	0.933	0.744	0.290	-0.406	-1.202
7111	71.10	-1.894	-2.314	-2.398	-2.211	-1.901	-1.621	-1.455	-1.390	-1.340	-1.213
7121	71.20	-0.975	-0.676	-0.429	-0.350	-0.498	-0.841	-1.270	-1.652	-1.889	-1.951
7131	71.30	-1.878	-1.740	-1.589	-1.437	-1.249	-0.981	-0.615	-0.179	0.257	0.618
7141	71.40	0.858	0.979	1.021	1.033	1.037	1.014	0.919	0.714	0.407	0.052
7151	71.50	-0.224	-0.372	-0.367	-0.277	-0.233	-0.364	-0.732	-1.285	-1.877	-2.319
7161	71.60	-2.472	-2.317	-1.964	-1.617	-1.475	-1.641	-2.070	-2.585	-2.946	-2.958
7171	71.70	-2.554	-1.827	-0.988	-0.284	0.098	0.095	-0.222	-0.695	-1.144	-1.435
7181	71.80	-1.514	-1.401	-1.157	-0.853	-0.539	-0.248	-0.004	0.172	0.262	0.261
7191	71.90	0.188	0.091	0.023	0.019	0.068	0.115	0.086	-0.074	-0.352	-0.669
7201	72.00	-0.896	-0.919	-0.699	-0.296	0.140	0.435	0.474	0.254	-0.102	-0.398
7211	72.10	-0.451	-0.176	0.373	1.021	1.546	1.774	1.649	1.250	0.756	0.361
7221	72.20	0.204	0.318	0.633	1.021	1.367	1.527	1.542	1.426	1.241	1.046
7231	72.30	0.880	0.762	0.700	0.698	0.763	0.894	1.075	1.273	1.441	1.524
7241	72.40	1.480	1.284	0.940	0.485	-0.020	-0.492	-0.843	-0.995	-0.909	-0.595
7251	72.50	-0.122	0.399	0.852	1.154	1.289	1.317	1.339	1.460	1.728	2.110
7261	72.60	2.498	2.754	2.769	2.517	2.066	1.556	1.143	0.929	0.933	1.081
7271	72.70	1.251	1.321	1.225	0.971	0.627	0.291	0.040	-0.090	-0.114	-0.081
7281	72.80	-0.044	-0.042	-0.088	-0.173	-0.276	-0.382	-0.479	-0.564	-0.636	-0.696
7291	72.90	-0.748	-0.802	-0.870	-0.969	-1.106	-1.274	-1.443	-1.567	-1.599	-1.502
7301	73.00	-1.274	-0.944	-0.574	-0.241	-0.015	0.061	-0.021	-0.232	-0.516	-0.806
7311	73.10	-1.044	-1.197	-1.255	-1.234	-1.161	-1.065	-0.961	-0.853	-0.740	-0.620
7321	73.20	-0.501	-0.400	-0.337	-0.321	-0.362	-0.374	-0.384	-0.352	-0.283	-0.210
7331	73.30	-0.177	-0.219	-0.336	-0.485	-0.597	-0.603	-0.477	-0.247	0.005	0.178
7341	73.40	0.203	0.068	-0.165	-0.397	-0.535	-0.545	-0.469	-0.412	-0.488	-0.762
7351	73.50	-1.211	-1.723	-2.136	-2.307	-2.168	-1.754	-1.192	-0.647	-0.262	-0.111
7361	73.60	-0.180	-0.388	-0.619	-0.768	-0.766	-0.590	-0.264	0.158	0.601	0.983
7371	73.70	1.231	1.296	1.179	0.931	0.649	0.443	0.395	0.523	0.771	1.033
7381	73.80	1.197	1.204	1.075	0.905	0.815	0.893	1.145	1.488	1.790	1.926
7391	73.90	1.843	1.578	1.238	0.936	0.740	0.640	0.561	0.419	0.176	-0.134
7401	74.00	-0.416	-0.570	-0.550	-0.402	-0.247	-0.223	-0.412	-0.792	-1.242	-1.598
7411	74.10	-1.731	-1.605	-1.297	-0.945	-0.682	-0.568	-0.566	-0.581	-0.521	-0.363
7421	74.20	-0.170	-0.065	-0.155	-0.470	-0.930	-1.378	-1.652	-1.658	-1.421	-1.064
7431	74.30	-0.744	-0.572	-0.557	-0.603	-0.564	-0.322	0.155	0.792	1.443	1.955
7441	74.40	2.234	2.280	2.172	2.025	1.942	1.973	2.109	2.296	2.465	2.548
7451	74.50	2.495	2.278	1.897	1.391	0.838	0.369	0.031	-0.049	0.097	0.364
7461	74.60	0.593	0.629	0.397	-0.064	-0.605	-1.039	-1.223	-1.135	-0.883	-0.657
7471	74.70	-0.634	-0.893	-1.370	-1.887	-2.239	-2.284	-2.008	-1.521	-0.997	-0.584
7481	74.80	-0.341	-0.225	-0.130	0.038	0.306	0.621	0.881	1.002	0.964	0.824
7491	74.90	0.683	0.634	0.711	0.879	1.065	1.204	1.279	1.327	1.402	1.534

Table 7-13-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	1.689	1.777	1.693	1.381	0.869	0.278	-0.230	-0.521	-0.544	-0.352
7511	75.10	-0.066	0.183	0.317	0.334	0.295	0.274	0.312	0.389	0.463	0.405
7521	75.20	0.241	-0.025	-0.323	-0.575	-0.727	-0.771	-0.733	-0.656	-0.564	-0.460
7531	75.30	-0.330	-0.166	0.023	0.209	0.361	0.465	0.527	0.560	0.561	0.495
7541	75.40	0.302	-0.066	-0.602	-1.213	-1.739	-2.006	-1.910	-1.476	-0.867	-0.327
7551	75.50	-0.075	-0.210	-0.664	-1.239	-1.702	-1.908	-1.862	-1.715	-1.673	-1.877
7561	75.60	-2.316	-2.817	-3.128	-3.048	-2.535	-1.742	-0.951	-0.442	-0.365	-0.666
7571	75.70	-1.119	-1.452	-1.469	-1.145	-0.631	-0.163	0.061	-0.016	-0.289	-0.552
7581	75.80	-0.601	-0.342	0.178	0.800	1.342	1.685	1.818	1.814	1.770	1.740
7591	75.90	1.709	1.614	1.410	1.114	0.825	0.677	0.761	1.063	1.447	1.706
7601	76.00	1.659	1.242	0.553	-0.189	-0.734	-0.920	-0.739	-0.344	0.027	0.165
7611	76.10	-0.026	-0.489	-1.054	-1.523	-1.757	-1.726	-1.496	-1.179	-0.866	-0.590
7621	76.20	-0.328	-0.041	0.276	0.576	0.767	0.764	0.539	0.149	-0.278	-0.594
7631	76.30	-0.689	-0.543	-0.222	0.153	0.469	0.668	0.767	0.836	0.952	1.150
7641	76.40	1.403	1.633	1.754	1.717	1.547	1.332	1.191	1.223	1.461	1.858
7651	76.50	2.298	2.643	2.780	2.661	2.313	1.824	1.308	0.870	0.574	0.436
7661	76.60	0.426	0.488	0.562	0.603	0.591	0.534	0.459	0.398	0.373	0.385
7671	76.70	0.408	0.392	0.285	0.053	-0.299	-0.716	-1.104	-1.358	-1.401	-1.218
7681	76.80	-0.868	-0.470	-0.163	-0.048	-0.152	-0.411	-0.698	-0.871	-0.838	-0.594
7691	76.90	-0.225	0.126	0.325	0.299	0.073	-0.250	-0.528	-0.650	-0.577	-0.357
7701	77.00	-0.098	0.085	0.116	-0.004	-0.214	-0.424	-0.562	-0.607	-0.598	-0.604
7711	77.10	-0.687	-0.866	-1.102	-1.313	-1.408	-1.329	-1.080	-0.730	-0.390	-0.176
7721	77.20	-0.169	-0.384	-0.765	-1.207	-1.585	-1.796	-1.798	-1.619	-1.352	-1.116
7731	77.30	-1.017	-1.096	-1.310	-1.546	-1.656	-1.521	-1.103	-0.472	0.218	0.782
7741	77.40	1.082	1.076	0.839	0.528	0.306	0.277	0.438	0.689	0.885	0.912
7751	77.50	0.742	0.445	0.150	-0.018	-0.006	0.141	0.307	0.362	0.240	-0.032
7761	77.60	-0.336	-0.525	-0.494	-0.234	0.157	0.521	0.712	0.664	0.418	0.101
7771	77.70	-0.138	-0.195	-0.056	0.204	0.466	0.624	0.633	0.520	0.358	0.222
7781	77.80	0.152	0.137	0.138	0.118	0.075	0.047	0.085	0.222	0.438	0.665
7791	77.90	0.811	0.809	0.655	0.414	0.194	0.089	0.133	0.277	0.412	0.423
7801	78.00	0.245	-0.096	-0.497	-0.823	-0.975	-0.934	-0.771	-0.614	-0.577	-0.709
7811	78.10	-0.970	-1.245	-1.408	-1.372	-1.131	-0.756	-0.352	-0.016	0.208	0.330
7821	78.20	0.395	0.447	0.503	0.549	0.562	0.536	0.495	0.485	0.547	0.680
7831	78.30	0.835	0.923	0.862	0.618	0.234	-0.186	-0.515	-0.662	-0.611	-0.428
7841	78.40	-0.225	-0.100	-0.093	-0.166	-0.223	-0.163	0.068	0.451	0.898	1.293
7851	78.50	1.537	1.583	1.445	1.179	0.857	0.544	0.288	0.125	0.088	0.204
7861	78.60	0.478	0.881	1.334	1.730	1.961	1.966	1.753	1.408	1.055	0.810
7871	78.70	0.728	0.791	0.912	0.988	0.943	0.761	0.486	0.199	-0.026	-0.150
7881	78.80	-0.178	-0.149	-0.107	-0.086	-0.100	-0.152	-0.242	-0.376	-0.558	-0.773
7891	78.90	-0.983	-1.131	-1.182	-1.053	-0.830	-0.567	-0.354	-0.257	-0.286	-0.388
7901	79.00	-0.471	-0.453	-0.306	-0.077	0.129	0.194	0.043	-0.318	-0.804	-1.283
7911	79.10	-1.633	-1.784	-1.743	-1.581	-1.392	-1.257	-1.214	-1.253	-1.340	-1.432
7921	79.20	-1.506	-1.555	-1.580	-1.581	-1.550	-1.470	-1.331	-1.138	-0.918	-0.709
7931	79.30	-0.545	-0.445	-0.404	-0.396	-0.388	-0.352	-0.271	-0.146	0.013	0.184
7941	79.40	0.346	0.477	0.562	0.599	0.602	0.606	0.650	0.763	0.944	1.145
7951	79.50	1.284	1.272	1.052	0.639	0.127	-0.334	-0.596	-0.578	-0.305	0.093
7961	79.60	0.427	0.531	0.330	-0.116	-0.643	-1.065	-1.165	-0.959	-0.514	-0.001
7971	79.70	0.395	0.564	0.503	0.310	0.127	0.067	0.168	0.380	0.604	0.749
7981	79.80	0.784	0.746	0.718	0.776	0.943	1.172	1.368	1.439	1.345	1.127
7991	79.90	0.888	0.747	0.782	0.991	1.293	1.565	1.699	1.651	1.455	1.204

Table 7-13-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	1.003	0.919	0.950	1.035	1.083	1.021	0.825	0.533	0.222	-0.024
8011	80.10	-0.149	-0.142	-0.038	0.099	0.209	0.245	0.189	0.051	-0.148	-0.379
8021	80.20	-0.617	-0.840	-1.036	-1.195	-1.312	-1.383	-1.401	-1.358	-1.244	-1.055
8031	80.30	-0.799	-0.507	-0.226	-0.014	0.088	0.067	-0.043	-0.174	-0.248	-0.205
8041	80.40	-0.038	0.207	0.444	0.581	0.562	0.391	0.126	-0.145	-0.347	-0.449
8051	80.50	-0.474	-0.490	-0.568	-0.747	-1.015	-1.311	-1.553	-1.671	-1.637	-1.472
8061	80.60	-1.233	-0.988	-0.794	-0.676	-0.637	-0.662	-0.728	-0.816	-0.905	-0.967
8071	80.70	-0.971	-0.889	-0.707	-0.439	-0.132	0.154	0.360	0.460	0.467	0.430
8081	80.80	0.411	0.455	0.570	0.725	0.867	0.953	0.975	0.966	0.987	1.092
8091	80.90	1.296	1.560	1.798	1.915	1.845	1.586	1.207	0.821	0.542	0.438
8101	81.00	0.505	0.668	0.815	0.843	0.698	0.394	0.004	-0.375	-0.659	-0.812
8111	81.10	-0.845	-0.805	-0.744	-0.693	-0.653	-0.601	-0.514	-0.388	-0.253	-0.157
8121	81.20	-0.152	-0.260	-0.459	-0.691	-0.878	-0.958	-0.912	-0.769	-0.596	-0.467
8131	81.30	-0.433	-0.498	-0.623	-0.742	-0.789	-0.731	-0.572	-0.352	-0.127	0.053
8141	81.40	0.157	0.177	0.120	-0.003	-0.185	-0.426	-0.722	-1.064	-1.428	-1.782
8151	81.50	-2.093	-2.334	-2.488	-2.550	-2.519	-2.395	-2.179	-1.881	-1.521	-1.140
8161	81.60	-0.786	-0.505	-0.321	-0.223	-0.163	-0.073	0.112	0.427	0.854	1.323
8171	81.70	1.732	1.977	1.990	1.762	1.357	0.894	0.516	0.348	0.459	0.838
8181	81.80	1.393	1.981	2.448	2.681	2.643	2.390	2.042	1.740	1.588	1.612
8191	81.90	1.748	1.872	1.857	1.630	1.213	0.717	0.294	0.071	0.093	0.298
8201	82.00	0.544	0.678	0.603	0.330	-0.027	-0.304	-0.362	-0.158	0.231	0.642
8211	82.10	0.895	0.881	0.606	0.197	-0.157	-0.290	-0.129	0.276	0.776	1.191
8221	82.20	1.386	1.324	1.073	0.758	0.507	0.385	0.381	0.422	0.424	0.339
8231	82.30	0.183	0.027	-0.051	-0.007	0.131	0.273	0.304	0.142	-0.216	-0.682
8241	82.40	-1.107	-1.340	-1.294	-0.986	-0.534	-0.110	0.129	0.106	-0.146	-0.496
8251	82.50	-0.776	-0.853	-0.682	-0.330	0.056	0.308	0.306	0.032	-0.430	-0.920
8261	82.60	-1.267	-1.353	-1.151	-0.734	-0.243	0.169	0.384	0.356	0.120	-0.228
8271	82.70	-0.567	-0.791	-0.839	-0.710	-0.456	-0.166	0.067	0.170	0.113	-0.081
8281	82.80	-0.349	-0.599	-0.747	-0.744	-0.586	-0.322	-0.033	0.193	0.293	0.243
8291	82.90	0.068	-0.178	-0.429	-0.630	-0.755	-0.805	-0.807	-0.796	-0.809	-0.869
8301	83.00	-0.991	-1.174	-1.405	-1.664	-1.918	-2.129	-2.255	-2.257	-2.116	-1.833
8311	83.10	-1.442	-1.004	-0.601	-0.313	-0.197	-0.271	-0.499	-0.798	-1.064	-1.203
8321	83.20	-1.172	-0.996	-0.763	-0.593	-0.583	-0.758	-1.049	-1.305	-1.354	-1.067
8331	83.30	-0.429	0.451	1.365	2.083	2.438	2.393	2.044	1.584	1.218	1.085
8341	83.40	1.209	1.506	1.827	2.029	2.031	1.838	1.525	1.198	0.944	0.809
8351	83.50	0.790	0.854	0.956	1.060	1.141	1.188	1.197	1.178	1.148	1.135
8361	83.60	1.164	1.243	1.347	1.424	1.412	1.273	1.020	0.724	0.492	0.418
8371	83.70	0.536	0.794	1.071	1.228	1.177	0.926	0.581	0.298	0.211	0.359
8381	83.80	0.669	0.985	1.141	1.041	0.700	0.233	-0.205	-0.498	-0.622	-0.649
8391	83.90	-0.704	-0.885	-1.215	-1.616	-1.953	-2.102	-2.006	-1.711	-1.340	-1.036
8401	84.00	-0.901	-0.953	-1.137	-1.359	-1.539	-1.646	-1.700	-1.742	-1.798	-1.851
8411	84.10	-1.848	-1.729	-1.470	-1.109	-0.737	-0.466	-0.377	-0.479	-0.702	-0.925
8421	84.20	-1.022	-0.918	-0.614	-0.187	0.245	0.572	0.726	0.708	0.568	0.388
8431	84.30	0.243	0.182	0.216	0.331	0.494	0.672	0.839	0.973	1.062	1.094
8441	84.40	1.068	0.993	0.890	0.792	0.732	0.734	0.800	0.911	1.030	1.114
8451	84.50	1.131	1.068	0.938	0.766	0.581	0.405	0.243	0.093	-0.048	-0.176
8461	84.60	-0.271	-0.310	-0.276	-0.170	-0.023	0.115	0.187	0.154	0.008	-0.219
8471	84.70	-0.474	-0.695	-0.845	-0.920	-0.949	-0.981	-1.061	-1.207	-1.405	-1.610
8481	84.80	-1.765	-1.821	-1.757	-1.581	-1.331	-1.058	-0.807	-0.606	-0.452	-0.323
8491	84.90	-0.180	0.009	0.256	0.541	0.815	1.019	1.101	1.051	0.902	0.732

Table 7-13-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.634	0.678	0.880	1.188	1.498	1.694	1.698	1.500	1.166	0.809
8511	85.10	0.537	0.410	0.411	0.464	0.476	0.384	0.190	-0.037	-0.201	-0.230
8521	85.20	-0.118	0.064	0.198	0.174	-0.053	-0.436	-0.846	-1.126	-1.151	-0.880
8531	85.30	-0.372	0.244	0.815	1.224	1.422	1.430	1.318	1.163	1.026	0.931
8541	85.40	0.877	0.847	0.827	0.804	0.766	0.698	0.581	0.403	0.170	-0.085
8551	85.50	-0.308	-0.444	-0.458	-0.361	-0.205	-0.068	-0.017	-0.079	-0.227	-0.388
8561	85.60	-0.483	-0.455	-0.300	-0.068	0.164	0.323	0.374	0.333	0.244	0.161
8571	85.70	0.111	0.084	0.044	-0.044	-0.189	-0.353	-0.472	-0.473	-0.316	-0.013
8581	85.80	0.374	0.758	1.060	1.240	1.298	1.268	1.188	1.076	0.924	0.709
8591	85.90	0.413	0.048	-0.347	-0.718	-1.018	-1.234	-1.389	-1.526	-1.688	-1.884
8601	86.00	-2.092	-2.261	-2.347	-2.331	-2.237	-2.116	-2.022	-1.987	-2.004	-2.035
8611	86.10	-2.033	-1.967	-1.837	-1.665	-1.477	-1.286	-1.081	-0.841	-0.553	-0.237
8621	86.20	0.054	0.254	0.316	0.242	0.093	-0.033	-0.043	0.111	0.404	0.755
8631	86.30	1.061	1.244	1.284	1.224	1.131	1.064	1.039	1.021	0.954	0.794
8641	86.40	0.548	0.272	0.047	-0.056	-0.020	0.113	0.261	0.341	0.312	0.188
8651	86.50	0.032	-0.087	-0.123	-0.081	-0.013	0.014	-0.049	-0.211	-0.435	-0.657
8661	86.60	-0.815	-0.868	-0.808	-0.652	-0.427	-0.162	0.116	0.383	0.613	0.785
8671	86.70	0.890	0.940	0.970	1.018	1.114	1.251	1.389	1.466	1.432	1.278
8681	86.80	1.048	0.822	0.683	0.673	0.768	0.894	0.956	0.889	0.696	0.442
8691	86.90	0.231	0.150	0.227	0.421	0.645	0.812	0.879	0.864	0.826	0.825
8701	87.00	0.881	0.954	0.967	0.847	0.576	0.208	-0.149	-0.383	-0.435	-0.329
8711	87.10	-0.164	-0.065	-0.121	-0.342	-0.652	-0.937	-1.096	-1.100	-0.999	-0.898
8721	87.20	-0.896	-1.037	-1.286	-1.546	-1.709	-1.708	-1.544	-1.281	-1.005	-0.780
8731	87.30	-0.615	-0.475	-0.308	-0.084	0.177	0.414	0.555	0.557	0.432	0.244
8741	87.40	0.078	0.001	0.034	0.141	0.260	0.327	0.310	0.213	0.062	-0.112
8751	87.50	-0.296	-0.489	-0.694	-0.900	-1.076	-1.184	-1.201	-1.137	-1.040	-0.969
8761	87.60	-0.964	-1.015	-1.062	-1.025	-0.846	-0.532	-0.165	0.126	0.227	0.094
8771	87.70	-0.223	-0.594	-0.873	-0.963	-0.855	-0.625	-0.381	-0.199	-0.077	0.064
8781	87.80	0.329	0.781	1.388	2.026	2.525	2.756	2.692	2.425	2.123	1.936
8791	87.90	1.923	2.018	2.063	1.902	1.465	0.826	0.173	-0.273	-0.367	-0.118
8801	88.00	0.310	0.673	0.751	0.454	-0.145	-0.855	-1.454	-1.800	-1.876	-1.786
8811	88.10	-1.678	-1.658	-1.733	-1.813	-1.773	-1.531	-1.106	-0.619	-0.230	-0.059
8821	88.20	-0.117	-0.297	-0.424	-0.346	-0.014	0.489	0.985	1.287	1.290	1.028
8831	88.30	0.655	0.377	0.354	0.624	1.095	1.584	1.906	1.952	1.730	1.347
8841	88.40	0.955	0.674	0.554	0.572	0.660	0.756	0.831	0.894	0.961	1.026
8851	88.50	1.046	0.949	0.677	0.222	-0.351	-0.926	-1.373	-1.611	-1.637	-1.523
8861	88.60	-1.381	-1.307	-1.337	-1.441	-1.546	-1.580	-1.510	-1.355	-1.167	-0.994
8871	88.70	-0.846	-0.695	-0.492	-0.210	0.130	0.453	0.665	0.700	0.559	0.319
8881	88.80	0.100	0.011	0.100	0.331	0.607	0.817	0.897	0.849	0.735	0.632
8891	88.90	0.582	0.566	0.521	0.382	0.132	-0.174	-0.423	-0.507	-0.378	-0.083
8901	89.00	0.246	0.456	0.443	0.209	-0.140	-0.448	-0.581	-0.498	-0.266	-0.020
8911	89.10	0.108	0.064	-0.103	-0.267	-0.300	-0.141	0.170	0.506	0.725	0.743
8921	89.20	0.583	0.356	0.208	0.230	0.411	0.635	0.744	0.622	0.264	-0.212
8931	89.30	-0.615	-0.773	-0.616	-0.211	0.265	0.607	0.676	0.460	0.066	-0.336
8941	89.40	-0.596	-0.667	-0.602	-0.528	-0.569	-0.774	-1.095	-1.408	-1.577	-1.526
8951	89.50	-1.277	-0.943	-0.674	-0.588	-0.719	-1.004	-1.314	-1.517	-1.528	-1.367
8961	89.60	-1.047	-0.739	-0.521	-0.444	-0.495	-0.618	-0.735	-0.785	-0.733	-0.582
8971	89.70	-0.357	-0.100	0.147	0.347	0.472	0.515	0.492	0.447	0.439	0.532
8981	89.80	0.765	1.131	1.573	1.992	2.281	2.358	2.202	1.852	1.400	0.950
8991	89.90	0.583	0.333	0.185	0.094	0.016	-0.069	-0.151	-0.202	-0.201	-0.153

Table 7-13-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	-0.092	-0.068	-0.122	-0.256	-0.430	-0.573	-0.615	-0.520	-0.304	-0.033
9011	90.10	0.208	0.350	0.371	0.301	0.203	0.139	0.139	0.188	0.237	0.238
9021	90.20	0.171	0.067	-0.006	0.024	0.192	0.473	0.781	1.005	1.053	0.898
9031	90.30	0.593	0.246	-0.022	-0.130	-0.065	0.112	0.301	0.405	0.373	0.212
9041	90.40	-0.026	-0.277	-0.488	-0.643	-0.750	-0.820	-0.855	-0.836	-0.738	-0.553
9051	90.50	-0.310	-0.070	0.089	0.114	-0.001	-0.199	-0.393	-0.495	-0.463	-0.321
9061	90.60	-0.142	-0.017	-0.001	-0.092	-0.224	-0.307	-0.267	-0.087	0.183	0.454
9071	90.70	0.632	0.667	0.563	0.377	0.180	0.027	-0.066	-0.113	-0.138	-0.146
9081	90.80	-0.116	-0.011	0.192	0.479	0.784	1.011	1.074	0.934	0.622	0.235
9091	90.90	-0.111	-0.324	-0.379	-0.318	-0.230	-0.202	-0.274	-0.422	-0.571	-0.631
9101	91.00	-0.546	-0.320	-0.023	0.239	0.369	0.317	0.098	-0.213	-0.513	-0.705
9111	91.10	-0.736	-0.604	-0.361	-0.085	0.143	0.266	0.264	0.156	-0.010	-0.175
9121	91.20	-0.291	-0.335	-0.319	-0.287	-0.292	-0.379	-0.561	-0.809	-1.053	-1.216
9131	91.30	-1.225	-1.049	-0.712	-0.282	0.145	0.478	0.658	0.674	0.560	0.380
9141	91.40	0.206	0.095	0.076	0.144	0.272	0.420	0.546	0.621	0.628	0.569
9151	91.50	0.455	0.310	0.161	0.038	-0.032	-0.030	0.052	0.203	0.394	0.582
9161	91.60	0.724	0.786	0.760	0.666	0.551	0.469	0.461	0.536	0.665	0.791
9171	91.70	0.856	0.821	0.638	0.496	0.304	0.158	0.074	0.029	-0.022	-0.119
9181	91.80	-0.269	-0.435	-0.555	-0.569	-0.453	-0.236	0.010	0.202	0.285	0.252
9191	91.90	0.148	0.038	-0.029	-0.043	-0.032	-0.039	-0.088	-0.156	-0.183	-0.105
9201	92.00	0.107	0.413	0.710	0.874	0.821	0.549	0.155	-0.211	-0.405	-0.360
9211	92.10	-0.115	0.200	0.428	0.457	0.264	-0.077	-0.441	-0.715	-0.848	-0.869
9221	92.20	-0.856	-0.890	-1.005	-1.175	-1.333	-1.409	-1.378	-1.266	-1.137	-1.053
9231	92.30	-1.034	-1.050	-1.037	-0.937	-0.733	-0.467	-0.216	-0.062	-0.045	-0.153
9241	92.40	-0.326	-0.489	-0.589	-0.609	-0.566	-0.489	-0.395	-0.283	-0.138	0.042
9251	92.50	0.234	0.387	0.449	0.392	0.237	0.048	-0.090	-0.116	-0.020	0.154
9261	92.60	0.331	0.445	0.475	0.450	0.426	0.450	0.528	0.613	0.635	0.543
9271	92.70	0.343	0.103	-0.071	-0.090	0.071	0.355	0.648	0.829	0.834	0.685
9281	92.80	0.478	0.338	0.354	0.539	0.823	1.093	1.248	1.250	1.135	0.992
9291	92.90	0.911	0.936	1.047	1.175	1.238	1.191	1.045	0.860	0.706	0.627
9301	93.00	0.613	0.607	0.535	0.350	0.055	-0.292	-0.607	-0.818	-0.894	-0.862
9311	93.10	-0.786	-0.732	-0.739	-0.804	-0.883	-0.925	-0.598	-0.808	-0.698	-0.626
9321	93.20	-0.636	-0.737	-0.894	-1.049	-1.143	-1.142	-1.052	-0.913	-0.775	-0.677
9331	93.30	-0.626	-0.596	-0.544	-0.433	-0.254	-0.032	0.180	0.326	0.376	0.332
9341	93.40	0.233	0.132	0.070	0.057	0.065	0.043	-0.052	-0.236	-0.482	-0.734
9351	93.50	-0.927	-1.021	-1.018	-0.955	-0.887	-0.854	-0.864	-0.887	-0.874	-0.787
9361	93.60	-0.621	-0.409	-0.207	-0.068	-0.012	-0.025	-0.064	-0.090	-0.085	-0.067
9371	93.70	-0.074	-0.137	-0.258	-0.396	-0.488	-0.475	-0.338	-0.109	0.145	0.353
9381	93.80	0.475	0.528	0.569	0.668	0.863	1.140	1.432	1.655	1.745	1.692
9391	93.90	1.538	1.359	1.218	1.138	1.101	1.061	0.989	0.895	0.828	0.849
9401	94.00	0.991	1.228	1.476	1.628	1.610	1.419	1.136	0.889	0.797	0.906
9411	94.10	1.169	1.465	1.660	1.669	1.497	1.230	0.988	0.853	0.832	0.849
9421	94.20	0.794	0.589	0.235	-0.176	-0.508	-0.646	-0.563	-0.339	-0.126	-0.076
9431	94.30	-0.267	-0.658	-1.113	-1.464	-1.591	-1.486	-1.248	-1.036	-0.988	-1.148
9441	94.40	-1.450	-1.746	-1.883	-1.780	-1.467	-1.073	-0.766	-0.674	-0.833	-1.172
9451	94.50	-1.550	-1.823	-1.903	-1.789	-1.550	-1.289	-1.090	-0.987	-0.959	-0.957
9461	94.60	-0.933	-0.863	-0.753	-0.626	-0.501	-0.379	-0.250	-0.097	0.079	0.258
9471	94.70	0.407	0.490	0.491	0.421	0.311	0.201	0.123	0.091	0.101	0.138
9481	94.80	0.186	0.230	0.259	0.258	0.213	0.114	-0.035	-0.211	-0.374	-0.482
9491	94.90	-0.512	-0.466	-0.378	-0.291	-0.232	-0.195	-0.141	-0.021	0.196	0.487

Table 7-13-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1205 S104-GR-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.750 (GAL) T= 21.28 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	0.781	0.980	1.007	0.849	0.570	0.291	0.138	0.177	0.387	0.660
9511	95.10	0.856	0.869	0.677	0.357	0.048	-0.115	-0.061	0.186	0.527	0.837
9521	95.20	1.025	1.074	1.028	0.961	0.927	0.927	0.920	0.852	0.697	0.485
9531	95.30	0.288	0.181	0.199	0.307	0.419	0.439	0.316	0.075	-0.189	-0.361
9541	95.40	-0.366	-0.211	0.012	0.176	0.181	0.006	-0.276	-0.536	-0.652	-0.572
9551	95.50	-0.337	-0.059	0.139	0.188	0.100	-0.038	-0.115	-0.059	0.130	0.378
9561	95.60	0.580	0.658	0.598	0.455	0.321	0.272	0.327	0.438	0.519	0.489
9571	95.70	0.320	0.047	-0.247	-0.472	-0.575	-0.558	-0.471	-0.381	-0.336	-0.351
9581	95.80	-0.405	-0.465	-0.509	-0.537	-0.565	-0.604	-0.648	-0.668	-0.630	-0.518
9591	95.90	-0.354	-0.195	-0.110	-0.146	-0.299	-0.508	-0.687	-0.760	-0.704	-0.559
9601	96.00	-0.412	-0.351	-0.415	-0.575	-0.740	-0.805	-0.699	-0.429	-0.073	0.252
9611	96.10	0.448	0.480	0.389	0.267	0.205	0.243	0.351	0.449	0.454	0.335
9621	96.20	0.131	-0.055	-0.118	0.000	0.266	0.566	0.759	0.744	0.516	0.169
9631	96.30	-0.139	-0.264	-0.146	0.161	0.515	0.752	0.762	0.544	0.201	-0.112
9641	96.40	-0.263	-0.203	0.009	0.241	0.354	0.267	-0.006	-0.370	-0.696	-0.879
9651	96.50	-0.885	-0.751	-0.557	-0.384	-0.273	-0.215	-0.169	-0.089	0.044	0.219
9661	96.60	0.401	0.556	0.666	0.732	0.769	0.782	0.767	0.710	0.605	0.467
9671	96.70	0.331	0.243	0.230	0.289	0.383	0.459	0.480	0.448	0.402	0.400
9681	96.80	0.480	0.631	0.789	0.863	0.781	0.528	0.163	-0.208	-0.477	-0.588
9691	96.90	-0.564	-0.490	-0.478	-0.600	-0.859	-1.187	-1.477	-1.643	-1.653	-1.546
9701	97.00	-1.403	-1.303	-1.282	-1.324	-1.373	-1.376	-1.312	-1.201	-1.090	-1.016
9711	97.10	-0.982	-0.948	-0.862	-0.690	-0.447	-0.197	-0.025	0.011	-0.087	-0.251
9721	97.20	-0.381	-0.390	-0.257	-0.037	0.172	0.276	0.244	0.124	0.027	0.065
9731	97.30	0.292	0.666	1.069	1.354	1.420	1.263	0.971	0.691	0.551	0.603
9741	97.40	0.799	1.022	1.141	1.080	0.848	0.531	0.243	0.069	0.028	0.070
9751	97.50	0.112	0.086	-0.023	-0.172	-0.289	-0.310	-0.221	-0.060	0.102	0.200
9761	97.60	0.211	0.158	0.095	0.074	0.110	0.172	0.203	0.153	0.014	-0.173
9771	97.70	-0.326	-0.367	-0.255	-0.009	0.300	0.586	0.783	0.873	0.892	0.902
9781	97.80	0.959	1.086	1.267	1.457	1.609	1.698	1.727	1.714	1.677	1.616
9791	97.90	1.514	1.347	1.106	0.812	0.508	0.249	0.069	-0.032	-0.087	-0.149
9801	98.00	-0.261	-0.431	-0.632	-0.810	-0.915	-0.921	-0.839	-0.706	-0.566	-0.451
9811	98.10	-0.371	-0.322	-0.300	-0.308	-0.360	-0.467	-0.615	-0.761	-0.841	-0.796
9821	98.20	-0.605	-0.306	0.013	0.244	0.309	0.195	-0.036	-0.270	-0.392	-0.342
9831	98.30	-0.136	0.138	0.364	0.449	0.363	0.146	-0.119	-0.346	-0.487	-0.546
9841	98.40	-0.563	-0.586	-0.636	-0.702	-0.753	-0.765	-0.746	-0.736	-0.787	-0.928
9851	98.50	-1.139	-1.368	-1.458	-1.391	-1.129	-0.732	-0.310	0.012	0.154	0.107
9861	98.60	-0.066	-0.268	-0.409	-0.449	-0.404	-0.331	-0.290	-0.314	-0.394	-0.490
9871	98.70	-0.556	-0.565	-0.523	-0.456	-0.392	-0.341	-0.290	-0.211	-0.079	0.105
9881	98.80	0.315	0.502	0.623	0.655	0.605	0.505	0.398	0.320	0.289	0.307
9891	98.90	0.365	0.452	0.556	0.661	0.745	0.784	0.755	0.655	0.508	0.357
9901	99.00	0.249	0.211	0.234	0.272	0.267	0.174	-0.005	-0.217	-0.381	-0.422
9911	99.10	-0.316	-0.104	0.119	0.248	0.219	0.058	-0.213	-0.422	-0.495	-0.403
9921	99.20	-0.202	0.003	0.103	0.048	-0.131	-0.331	-0.428	-0.332	-0.039	0.373
9931	99.30	0.771	1.025	1.063	0.897	0.609	0.311	0.094	-0.002	0.005	0.057

Table 7-14-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	1.027	1.813	2.616	3.055	2.821	1.853	0.419	-0.959	-1.711	-1.480
11	0.10	-0.311	1.333	2.733	3.210	2.409	0.456	-2.090	-4.454	-5.953	-6.238
21	0.20	-5.383	-3.796	-2.010	-0.453	0.684	1.441	1.980	2.424	2.766	2.868
31	0.30	2.557	1.755	0.563	-0.750	-1.841	-2.439	-2.454	-2.000	-1.332	-0.722
41	0.40	-0.338	-0.186	-0.133	0.009	0.379	1.000	1.767	2.494	2.987	3.111
51	0.50	2.824	2.179	1.296	0.335	-0.535	-1.159	-1.421	-1.271	-0.743	0.033
61	0.60	0.860	1.526	1.867	1.824	1.464	0.949	0.476	0.208	0.218	0.485
71	0.70	0.907	1.345	1.661	1.730	1.452	0.759	-0.357	-1.805	-3.363	-4.690
81	0.80	-5.399	-5.189	-3.983	-2.008	0.227	2.088	3.048	2.903	1.878	0.552
91	0.90	-0.379	-0.408	0.541	2.048	3.368	3.751	2.800	0.679	-1.909	-3.999
101	1.00	-4.765	-3.873	-1.634	1.126	3.413	4.472	4.080	2.592	0.727	-0.782
111	1.10	-1.520	-1.528	-1.211	-1.065	-1.372	-2.031	-2.611	-2.588	-1.657	0.054
121	1.20	1.592	3.403	3.678	2.651	0.713	-1.340	-2.632	-2.583	-1.155	1.133
131	1.30	3.420	4.845	4.868	3.446	0.997	-1.790	-4.213	-5.775	-6.275	-5.785
141	1.40	-4.348	-2.866	-1.023	0.744	2.236	3.295	3.816	3.778	3.259	2.432
151	1.50	1.513	0.703	0.132	-0.165	-0.233	-0.165	-0.070	-0.052	-0.204	-0.603
161	1.60	-1.279	-2.186	-3.170	-3.979	-4.328	-4.003	-2.964	-1.395	0.338	1.814
171	1.70	2.722	2.978	2.748	2.368	2.076	2.054	2.172	2.152	1.716	0.760
181	1.80	-0.552	-1.840	-2.663	-2.734	-2.047	-0.880	0.339	1.239	1.664	1.707
191	1.90	1.614	1.601	1.706	1.760	1.489	0.705	-0.532	-1.879	-2.836	-2.977
201	2.00	-2.173	-0.682	0.943	2.094	2.380	1.794	0.690	-0.411	-1.094	-1.249
211	2.10	-1.098	-1.041	-1.402	-2.221	-3.199	-3.839	-3.703	-2.660	-0.974	0.795
221	2.20	2.061	2.490	2.155	1.493	1.068	1.273	2.117	3.205	3.922	3.743
231	2.30	2.494	0.465	-1.705	-3.298	-3.821	-3.210	-1.847	-0.382	0.537	0.523
241	2.40	-0.418	-1.912	-3.372	-4.224	-4.090	-2.902	-0.898	1.455	3.605	5.057
251	2.50	5.503	4.895	3.453	1.599	-0.178	-1.474	-2.094	-2.103	-1.763	-1.392
261	2.60	-1.203	-1.193	-1.157	-0.808	0.041	1.328	2.713	3.698	3.837	2.951
271	2.70	1.237	-0.793	-2.512	-3.432	-3.389	-2.582	-1.449	-0.452	0.124	0.259
281	2.80	0.152	0.071	0.196	0.533	0.940	1.234	1.308	1.187	1.002	0.891
291	2.90	0.904	0.969	0.932	0.655	0.112	-0.594	-1.275	-1.769	-2.023	-2.108
301	3.00	-2.157	-2.257	-2.364	-2.305	-1.867	-0.938	0.386	1.791	2.846	3.189
311	3.10	2.686	1.503	0.047	-1.196	-1.855	-1.796	-1.148	-0.207	0.694	1.311
321	3.20	1.534	1.379	0.923	0.264	-0.490	-1.212	-1.734	-1.885	-1.547	-0.739
331	3.30	0.350	1.395	2.051	2.097	1.540	0.619	-0.296	-0.867	-0.936	-0.576
341	3.40	-0.033	0.424	0.652	0.696	0.740	0.966	1.398	1.842	1.942	1.368
351	3.50	0.020	-1.845	-3.645	-4.678	-4.414	-2.743	-0.080	2.757	4.830	5.635
361	3.60	4.369	2.002	-0.868	-3.318	-4.642	-4.587	-3.394	-1.656	-0.042	0.967
371	3.70	1.241	0.993	0.623	0.504	0.800	1.412	2.056	2.432	2.388	2.006
381	3.80	1.550	1.321	1.474	1.919	2.333	2.306	1.534	-0.020	-2.089	-4.194
391	3.90	-5.835	-6.670	-6.616	-5.811	-4.496	-2.866	-1.006	1.078	3.339	5.568
401	4.00	7.366	8.246	7.834	6.074	3.322	0.263	-2.327	-3.873	-4.215	-3.633
411	4.10	-2.683	-1.918	-1.644	-1.815	-2.126	-2.226	-1.941	-1.370	-0.810	-0.560
421	4.20	-0.710	-1.054	-1.182	-0.705	0.505	2.200	3.836	4.821	4.802	3.843
431	4.30	2.387	1.033	0.224	0.033	0.144	0.051	-0.634	-1.936	-3.467	-4.605
441	4.40	-4.817	-3.950	-2.328	-0.607	0.556	0.840	0.426	-0.096	-0.038	1.006
451	4.50	2.921	5.088	6.665	6.980	5.850	3.662	1.173	-0.849	-1.982	-2.305
461	4.60	-2.283	-2.463	-3.129	-4.122	-4.912	-4.885	-3.710	-1.564	0.884	2.754
471	4.70	3.359	2.523	0.678	-1.335	-2.647	-2.740	-1.655	0.086	1.764	2.824
481	4.80	3.112	2.884	2.588	2.555	2.768	2.848	2.264	0.659	-1.880	-4.756
491	4.90	-7.065	-7.970	-7.073	-4.611	-1.379	1.599	3.479	3.914	3.137	1.789

Table 7-14-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.584	-0.009	0.071	0.528	0.938	0.999	0.696	0.278	0.094	0.371
511	5.10	1.068	1.885	2.411	2.327	1.574	0.369	-0.902	-1.874	-2.369	-2.447
521	5.20	-2.337	-2.282	-2.398	-2.609	-2.703	-2.453	-1.755	-0.687	0.521	1.593
531	5.30	2.327	2.653	2.632	2.377	1.977	1.458	0.805	0.030	-0.780	-1.455
541	5.40	-1.809	-1.730	-1.260	-0.589	0.014	0.340	0.341	0.158	0.057	0.275
551	5.50	0.892	1.761	2.556	2.924	2.645	1.749	0.513	-0.651	-1.365	-1.439
561	5.60	-0.926	-0.079	0.781	1.390	1.632	1.534	1.202	0.744	0.217	-0.365
571	5.70	-0.980	-1.554	-1.956	-2.042	-1.741	-1.112	-0.350	0.284	0.578	0.468
581	5.80	0.067	-0.389	-0.674	-0.684	-0.500	-0.332	-0.395	-0.766	-1.304	-1.693
591	5.90	-1.590	-0.810	0.541	2.074	3.254	3.625	3.011	1.600	-0.146	-1.688
601	6.00	-2.647	-2.937	-2.762	-2.458	-2.289	-2.291	-2.263	-1.905	-1.018	0.327
611	6.10	1.766	2.790	2.980	2.233	0.839	-0.623	-1.550	-1.583	-0.785	0.400
621	6.20	1.356	1.590	0.962	-0.262	-1.551	-2.371	-2.426	-1.775	-0.756	0.216
631	6.30	0.864	1.164	1.300	1.496	1.830	2.146	2.124	1.472	0.145	-1.556
641	6.40	-3.061	-3.763	-3.308	-1.783	0.293	2.186	3.260	3.259	2.397	1.232
651	6.50	0.385	0.246	0.805	1.691	2.381	2.471	1.865	0.789	-0.352	-1.195
661	6.60	-1.590	-1.636	-1.561	-1.542	-1.567	-1.432	-0.872	0.229	1.699	3.077
671	6.70	3.790	3.424	1.947	-0.222	-2.362	-3.752	-3.983	-3.129	-1.702	-0.394
681	6.80	0.254	0.104	-0.536	-1.089	-1.027	-0.165	1.230	2.545	3.125	2.600
691	6.90	1.084	-0.849	-2.426	-3.020	-2.441	-1.019	0.558	1.567	1.585	0.675
701	7.00	-0.659	-1.730	-1.999	-1.328	-0.040	1.249	1.926	1.676	0.622	-0.739
711	7.10	-1.770	-1.986	-1.262	0.131	1.670	2.817	3.243	2.937	2.150	1.248
721	7.20	0.529	0.114	-0.050	-0.098	-0.137	-0.178	-0.149	0.019	0.300	0.540
731	7.30	0.515	0.048	-0.869	-2.021	-3.036	-3.525	-3.266	-2.306	-0.949	0.372
741	7.40	1.290	1.654	1.578	1.356	1.289	1.522	1.966	2.347	2.356	1.825
751	7.50	0.828	-0.339	-1.298	-1.773	-1.725	-1.378	-1.099	-1.216	-1.836	-2.775
761	7.60	-3.631	-3.957	-3.472	-2.195	-0.454	1.251	2.448	2.884	2.607	1.918
771	7.70	1.222	0.845	0.899	1.256	1.636	1.744	1.415	0.683	-0.242	-1.063
781	7.80	-1.528	-1.516	-1.073	-0.373	0.359	0.928	1.223	1.222	0.973	0.548
791	7.90	0.018	-0.552	-1.098	-1.540	-1.778	-1.715	-1.290	-0.518	0.493	1.542
801	8.00	2.379	2.775	2.585	1.809	0.604	-0.749	-1.913	-2.597	-2.638	-2.056
811	8.10	-1.045	0.088	1.020	1.510	1.461	0.932	0.092	-0.854	-1.727	-2.410
821	8.20	-2.837	-2.956	-2.708	-2.029	-0.905	0.572	2.160	3.494	4.189	3.985
831	8.30	2.873	1.146	-0.675	-2.020	-2.480	-1.972	-0.766	0.625	1.662	2.006
841	8.40	1.644	0.871	0.134	-0.188	0.039	0.849	1.269	1.498	1.102	0.111
851	8.50	-1.206	-2.470	-3.366	-3.754	-3.698	-3.360	-2.901	-2.371	-1.705	-0.791
861	8.60	0.414	1.805	3.128	4.071	4.395	4.048	3.195	2.148	1.229	0.633
871	8.70	0.364	0.256	0.084	-0.308	-0.919	-1.589	-2.076	-2.173	-1.804	-1.057
881	8.80	-0.144	0.696	1.283	1.552	1.544	1.353	1.065	0.715	0.294	-0.214
891	8.90	-0.790	-1.353	-1.770	-1.908	-1.690	-1.140	-0.390	0.353	0.879	1.040
901	9.00	0.809	0.292	-0.307	-0.751	-0.856	-0.560	0.042	0.720	1.190	1.215
911	9.10	0.713	-0.200	-1.224	-1.976	-2.137	-1.577	-0.430	0.947	2.095	2.622
921	9.20	2.356	1.397	0.074	-1.203	-2.102	-2.487	-2.441	-2.181	-1.922	-1.752
931	9.30	-1.593	-1.254	-0.555	0.541	1.866	3.094	3.864	3.949	3.361	2.352
941	9.40	1.308	0.573	0.297	0.375	0.510	0.371	-0.231	-1.233	-2.337	-3.136
951	9.50	-3.306	-2.758	-1.690	-0.499	0.392	0.732	0.543	0.113	-0.154	0.069
961	9.60	0.872	2.048	3.180	3.819	3.675	2.741	1.295	-0.224	-1.396	-1.972
971	9.70	-1.970	-1.605	-1.180	-0.930	-0.929	-1.079	-1.195	-1.119	-0.816	-0.396
981	9.80	-0.054	0.041	-0.158	-0.534	-0.856	-0.890	-0.519	0.186	0.977	1.532
991	9.90	1.594	1.083	0.140	-0.923	-1.748	-2.067	-1.798	-1.059	-0.106	0.774

Table 7-14-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.364	1.572	1.429	1.035	0.510	-0.051	-0.572	-0.984	-1.203	-1.140
1011	10.10	-0.736	-0.008	0.927	1.864	2.573	2.874	2.706	2.133	1.312	0.416
1021	10.20	-0.433	-1.188	-1.849	-2.407	-2.790	-2.863	-2.487	-1.609	-0.338	1.041
1031	10.30	2.149	2.653	2.403	1.513	0.320	-0.745	-1.337	-1.329	-0.849	-0.198
1041	10.40	0.302	0.453	0.250	-0.148	-0.532	-0.770	-0.866	-0.933	-1.097	-1.386
1051	10.50	-1.675	-1.732	-1.337	-0.421	0.860	2.156	3.059	3.267	2.723	1.628
1061	10.60	0.355	-0.712	-1.330	-1.471	-1.288	-1.014	-0.834	-0.816	-0.908	-1.000
1071	10.70	-0.998	-0.866	-0.617	-0.273	0.170	0.738	1.435	2.179	2.784	3.006
1081	10.80	2.646	1.678	0.303	-1.082	-2.033	-2.246	-1.696	-0.664	0.378	0.979
1091	10.90	0.901	0.221	-0.719	-1.491	-1.784	-1.542	-0.967	-0.385	-0.056	-0.031
1101	11.00	-0.126	-0.041	0.455	1.356	2.383	3.085	3.049	2.118	0.498	-1.299
1111	11.10	-2.650	-3.082	-2.464	-1.066	0.561	1.808	2.253	1.612	0.744	-0.477
1121	11.20	-1.364	-1.603	-1.150	-0.213	0.855	1.701	2.087	1.945	1.362	0.517
1131	11.30	-0.390	-1.191	-1.768	-2.050	-2.000	-1.610	-0.909	0.019	1.026	1.914
1141	11.40	2.472	2.533	2.037	1.060	-0.183	-1.395	-2.272	-2.597	-2.302	-1.487
1151	11.50	-0.379	0.739	1.622	2.125	2.222	1.980	1.499	0.864	0.121	-0.706
1161	11.60	-1.572	-2.379	-2.971	-3.186	-2.924	-2.215	-1.240	-0.278	0.400	0.641
1171	11.70	0.491	0.168	-0.025	0.149	0.743	1.585	2.344	2.672	2.364	1.453
1181	11.80	0.201	-1.008	-1.836	-2.115	-1.896	-1.386	-0.822	-0.340	0.078	0.560
1191	11.90	1.233	2.094	2.959	3.515	3.452	2.635	1.205	-0.443	-1.796	-2.439
1201	12.00	-2.226	-1.349	-0.258	0.538	0.686	0.137	-0.847	-1.823	-2.368	-2.264
1211	12.10	-1.577	-0.601	0.288	0.807	0.879	0.631	0.303	0.108	0.123	0.265
1221	12.20	0.361	0.259	-0.066	-0.488	-0.777	-0.724	-0.249	0.540	1.372	1.922
1231	12.30	1.934	1.324	0.199	-1.186	-2.524	-3.559	-4.138	-4.226	-3.871	-3.167
1241	12.40	-2.221	-1.146	-0.066	0.887	1.591	1.977	2.053	1.919	1.726	1.618
1251	12.50	1.661	1.814	1.943	1.885	1.532	0.885	0.063	-0.751	-1.384	-1.745
1261	12.60	-1.842	-1.748	-1.543	-1.251	-0.833	-0.226	0.588	1.527	2.403	2.991
1271	12.70	3.123	2.781	2.116	1.389	0.849	0.610	0.593	0.558	0.234	-0.536
1281	12.80	-1.688	-2.938	-3.888	-4.184	-3.668	-2.433	-0.777	0.919	2.335	3.288
1291	12.90	3.742	3.736	3.313	2.485	1.269	-0.248	-1.846	-3.188	-3.920	-3.825
1301	13.00	-2.940	-1.581	-0.232	0.654	0.858	0.501	-0.013	-0.194	0.291	1.433
1311	13.10	2.866	4.017	4.366	3.683	2.144	0.253	-1.370	-2.250	-2.236	-1.532
1321	13.20	-0.563	0.228	0.574	0.462	0.088	-0.282	-0.461	-0.415	-0.252	-0.129
1331	13.30	-0.146	-0.283	-0.414	-0.381	-0.087	0.443	1.064	1.563	1.747	1.507
1341	13.40	0.858	-0.075	-1.092	-1.967	-2.501	-2.563	-2.127	-1.301	-0.313	0.533
1351	13.50	0.947	0.759	-0.005	-1.109	-2.177	-2.829	-2.823	-2.154	-1.038	0.182
1361	13.60	1.184	1.793	2.023	2.020	1.948	1.880	1.762	1.459	0.859	-0.021
1371	13.70	-1.010	-1.842	-2.281	-2.235	-1.803	-1.217	-0.714	-0.407	-0.231	0.005
1381	13.80	0.485	1.246	2.118	2.780	2.914	2.384	1.328	0.123	-0.776	-1.056
1391	13.90	-0.697	0.011	0.598	0.635	-0.057	-1.320	-2.729	-3.773	-4.079	-3.550
1401	14.00	-2.384	-0.951	0.371	1.353	1.957	2.287	2.473	2.561	2.475	2.071
1411	14.10	1.236	-0.001	-1.439	-2.762	-3.562	-3.668	-3.035	-1.850	-0.439	0.858
1421	14.20	1.799	2.312	2.482	2.488	2.502	2.612	2.789	2.911	2.827	2.440
1431	14.30	1.757	0.894	0.030	-0.667	-1.109	-1.320	-1.408	-1.499	-1.650	-1.805
1441	14.40	-1.807	-1.480	-0.734	0.351	1.509	2.381	2.651	2.202	1.185	-0.018
1451	14.50	-0.950	-1.271	-0.913	-0.111	0.695	1.064	0.753	-0.171	-1.365	-2.377
1461	14.60	-2.855	-2.711	-2.159	-1.599	-1.425	-1.829	-2.708	-3.708	-4.386	-4.404
1471	14.70	-3.674	-2.384	-0.908	0.354	1.133	1.366	1.188	0.832	0.521	0.383
1481	14.80	0.433	0.605	0.822	1.038	1.250	1.483	1.749	2.025	2.260	2.404
1491	14.90	2.436	2.385	2.307	2.254	2.225	2.158	1.940	1.473	0.728	-0.202

Table 7-14-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-1.113	-1.743	-1.872	-1.417	-0.486	0.628	1.541	1.901	1.525	0.472
1511	15.10	-0.969	-2.370	-3.316	-3.547	-3.038	-1.993	-0.748	0.364	1.126	1.494
1521	15.20	1.559	1.468	1.318	1.108	0.749	0.140	-0.744	-1.796	-2.783	-3.423
1531	15.30	-3.488	-2.890	-1.713	-0.177	1.443	2.899	4.023	4.738	5.033	4.934
1541	15.40	4.485	3.755	2.850	1.906	1.063	0.416	-0.027	-0.345	-0.673	-1.120
1551	15.50	-1.707	-2.337	-2.830	-2.999	-2.740	-2.081	-1.176	-0.232	0.573	1.152
1561	15.60	1.516	1.728	1.839	1.851	1.713	1.378	0.848	0.206	-0.420	-0.913
1571	15.70	-1.242	-1.472	-1.733	-2.129	-2.661	-3.201	-3.542	-3.504	-3.037	-2.253
1581	15.80	-1.382	-0.643	-0.125	0.264	0.749	1.537	2.667	3.929	4.908	5.159
1591	15.90	4.418	2.752	0.571	-1.523	-2.974	-3.495	-3.169	-2.387	-1.643	-1.305
1601	16.00	-1.451	-1.859	-2.129	-1.889	-0.975	0.493	2.160	3.580	4.383	4.385
1611	16.10	3.619	2.292	0.699	-0.863	-2.140	-2.951	-3.200	-2.888	-2.124	-1.118
1621	16.20	-0.140	0.554	0.815	0.651	0.226	-0.215	-0.463	-0.440	-0.238	-0.068
1631	16.30	-0.147	-0.577	-1.278	-2.023	-2.533	-2.622	-2.283	-1.692	-1.122	-0.803
1641	16.40	-0.811	-1.035	-1.240	-1.196	-0.802	-0.150	0.522	0.946	0.956	0.577
1651	16.50	0.014	-0.447	-0.577	-0.317	0.202	0.718	0.976	0.843	0.374	-0.218
1661	16.60	-0.660	-0.743	-0.402	0.274	1.099	1.882	2.498	2.911	3.136	3.185
1671	16.70	3.027	2.597	1.861	0.883	-0.132	-0.879	-1.054	-0.495	0.710	2.208
1681	16.80	3.475	3.996	3.455	1.859	-0.446	-2.899	-4.911	-6.057	-6.194	-5.465
1691	16.90	-4.209	-2.812	-1.575	-0.647	-0.025	0.386	0.696	0.976	1.246	1.492
1701	17.00	1.696	1.858	1.988	2.093	2.155	2.123	1.932	1.525	0.893	0.081
1711	17.10	-0.805	-1.625	-2.236	-2.527	-2.447	-2.020	-1.343	-0.572	0.121	0.593
1721	17.20	0.771	0.675	0.412	0.130	-0.038	-0.029	0.129	0.340	0.489	0.502
1731	17.30	0.378	0.184	0.014	-0.070	-0.062	-0.006	0.049	0.102	0.220	0.508
1741	17.40	1.048	1.823	2.691	3.429	3.828	3.801	3.441	2.989	2.717	2.780
1751	17.50	3.115	3.448	3.412	2.734	1.396	-0.315	-1.895	-2.831	-2.817	-1.895
1761	17.60	-0.439	1.000	1.914	2.036	1.416	0.352	-0.765	-1.629	-2.118	-2.286
1771	17.70	-2.277	-2.207	-2.100	-1.899	-1.546	-1.068	-0.611	-0.391	-0.594	-1.258
1781	17.80	-2.224	-3.174	-3.751	-3.703	-2.985	-1.761	-0.321	1.047	2.174	3.044
1791	17.90	3.742	4.357	4.880	5.170	5.009	4.215	2.761	0.839	-1.171	-2.824
1801	18.00	-3.763	-3.853	-3.221	-2.196	-1.164	-0.423	-0.071	-0.008	-0.021	0.074
1811	18.10	0.319	0.569	0.562	0.062	-0.995	-2.407	-3.752	-4.529	-4.373	-3.226
1821	18.20	-1.400	0.523	1.897	2.262	1.519	-0.045	-1.888	-3.436	-4.307	-4.426
1831	18.30	-4.002	-3.375	-2.831	-2.472	-2.208	-1.848	-1.259	-0.472	0.310	0.805
1841	18.40	0.810	0.318	-0.454	-1.160	-1.482	-1.277	-0.634	0.185	0.890	1.305
1851	18.50	1.448	1.489	1.634	1.982	2.446	2.782	2.704	2.039	0.830	-0.663
1861	18.60	-2.055	-2.995	-3.288	-2.952	-2.173	-1.199	-0.232	0.642	1.441	2.231
1871	18.70	3.049	3.856	4.543	4.963	4.986	4.546	3.614	2.258	0.566	-1.321
1881	18.80	-3.219	-4.901	-6.131	-6.716	-6.573	-5.761	-4.474	-2.980	-1.527	-0.263
1891	18.90	0.789	1.705	2.577	3.433	4.204	4.739	4.886	4.574	3.858	2.908
1901	19.00	1.934	1.102	0.467	-0.025	-0.481	-0.976	-1.498	-1.938	-2.149	-2.034
1911	19.10	-1.614	-1.040	-0.530	-0.272	-0.323	-0.565	-0.740	-0.557	0.189	1.514
1921	19.20	3.230	4.993	6.419	7.204	7.209	6.482	5.214	3.666	2.085	0.651
1931	19.30	-0.541	-1.456	-2.095	-2.459	-2.543	-2.354	-1.921	-1.326	-0.699	-0.196
1941	19.40	0.033	-0.101	-0.594	-1.337	-2.138	-2.775	-3.069	-2.950	-2.497	-1.923
1951	19.50	-1.515	-1.531	-2.093	-3.126	-4.346	-5.340	-5.691	-5.121	-3.592	-1.332
1961	19.60	1.238	3.639	5.480	6.572	6.950	6.811	6.398	5.887	5.331	4.676
1971	19.70	3.845	2.832	1.755	0.834	0.299	0.273	0.686	1.286	1.734	1.754
1981	19.80	1.269	0.449	-0.354	-0.758	-0.529	0.303	1.446	2.463	2.952	2.714
1991	19.90	1.827	0.603	-0.554	-1.304	-1.495	-1.188	-0.593	0.034	0.490	0.670

Table 7-14-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.553	0.164	-0.464	-1.290	-2.244	-3.203	-4.007	-4.515	-4.687	-4.638
2011	20.10	-4.630	-4.971	-5.876	-7.329	-9.045	-10.539	-11.302	-11.006	-9.635	-7.501
2021	20.20	-5.111	-2.967	-1.371	-0.340	0.345	0.991	1.820	2.858	3.953	4.881
2031	20.30	5.504	5.857	6.149	6.638	7.468	8.554	9.567	10.059	9.659	8.256
2041	20.40	6.080	3.634	1.510	0.160	-0.263	0.052	0.673	1.109	0.995	0.202
2051	20.50	-1.164	-2.851	-4.584	-6.160	-7.474	-8.488	-9.170	-9.454	-9.251	-8.497
2061	20.60	-7.211	-5.516	-3.611	-1.698	0.101	1.772	3.387	5.017	6.633	8.064
2071	20.70	9.026	9.233	8.535	7.015	4.994	2.924	1.214	0.069	-0.584	-1.036
2081	20.80	-1.640	-2.614	-3.905	-5.194	-6.026	-6.031	-5.118	-3.550	-1.866	-0.654
2091	20.90	-0.294	-0.773	-1.663	-2.291	-2.014	-0.516	2.027	4.978	7.452	8.660
2101	21.00	8.109	5.963	2.798	-0.523	-3.181	-4.678	-4.982	-4.465	-3.705	-3.209
2111	21.10	-3.189	-3.482	-3.650	-3.146	-1.673	0.731	3.618	6.275	7.983	8.286
2121	21.20	7.162	5.032	2.592	0.543	-0.678	-1.042	-0.902	-0.805	-1.221	-2.308
2131	21.30	-3.823	-5.205	-5.796	-5.117	-3.061	0.060	3.638	6.990	9.594	11.222
2141	21.40	11.945	12.003	11.639	10.962	9.924	8.394	6.298	3.724	0.955	-1.620
2151	21.50	-3.654	-5.000	-5.784	-6.370	-7.219	-8.705	-10.969	-13.850	-16.933	-19.671
2161	21.60	-21.536	-22.137	-21.282	-18.985	-15.426	-10.911	-5.833	-0.641	4.198	8.257
2171	21.70	11.212	12.904	13.370	12.815	11.555	9.915	8.154	6.424	4.772	3.197
2181	21.80	1.702	0.344	-0.760	-1.449	-1.565	-0.987	0.337	2.376	5.014	8.024
2191	21.90	11.091	13.821	15.784	16.592	15.984	13.891	10.462	6.022	0.985	-4.243
2201	22.00	-9.335	-14.055	-18.202	-21.541	-23.750	-24.441	-23.256	-20.013	-14.845	-8.256
2211	22.10	-1.055	5.808	11.476	15.394	17.419	17.807	17.074	15.807	14.475	13.317
2221	22.20	12.329	11.331	10.080	8.379	6.144	3.415	0.331	-2.914	-6.107	-9.037
2231	22.30	-11.493	-13.269	-14.172	-14.051	-12.844	-10.625	-7.633	-4.264	-1.021	1.592
2241	22.40	3.177	3.555	2.815	1.298	-0.503	-2.091	-3.115	-3.477	-3.346	-3.071
2251	22.50	-3.038	-3.505	-4.502	-5.817	-7.084	-7.925	-8.095	-7.559	-6.486	-5.155
2261	22.60	-3.841	-2.703	-1.758	-0.908	-0.034	0.923	1.910	2.777	3.346	3.489
2271	22.70	3.198	2.596	1.896	1.325	1.042	1.082	1.359	1.702	1.932	1.944
2281	22.80	1.757	1.527	1.504	1.949	3.044	4.811	7.089	9.565	11.873	13.706
2291	22.90	14.906	15.494	15.616	15.438	15.023	14.267	12.926	10.732	7.556	3.533
2301	23.00	-0.906	-5.137	-8.545	-10.736	-11.687	-11.745	-11.473	-11.424	-11.903	-12.858
2311	23.10	-13.907	-14.513	-14.205	-12.766	-10.297	-7.160	-3.814	-0.654	2.104	4.430
2321	23.20	6.415	8.162	9.704	10.980	11.862	12.216	11.949	11.027	9.458	7.279
2331	23.30	4.557	1.421	-1.399	-5.062	-7.650	-9.267	-9.661	-8.819	-6.988	-4.611
2341	23.40	-2.186	-0.118	1.384	2.319	2.813	3.007	2.951	2.570	1.706	0.221
2351	23.50	-1.911	-4.551	-7.424	-10.193	-12.556	-14.311	-15.357	-15.666	-15.227	-14.028
2361	23.60	-12.070	-9.420	-6.243	-2.805	0.594	3.717	6.469	8.925	11.249	13.571
2371	23.70	15.834	17.736	18.773	18.606	16.286	12.435	7.301	1.659	-3.623	-7.848
2381	23.80	-10.684	-12.203	-12.762	-12.767	-12.452	-11.753	-10.342	-7.815	-3.925	1.219
2391	23.90	7.104	12.923	17.815	21.131	22.610	22.411	20.979	18.813	16.243	13.316
2401	24.00	9.830	5.518	0.271	-5.679	-11.731	-17.053	-20.838	-22.575	-22.219	-20.174
2411	24.10	-17.112	-13.682	-10.270	-6.900	-3.336	0.664	5.072	9.436	12.935	14.658
2421	24.20	13.975	10.850	5.934	0.372	-4.588	-8.043	-9.727	-10.025	-9.711	-9.531
2431	24.30	-9.832	-10.411	-10.649	-9.858	-7.663	-4.225	-0.206	3.521	6.252	7.744
2441	24.40	8.275	8.440	8.809	9.609	10.606	11.254	10.896	9.296	6.601	3.385
2451	24.50	0.357	-1.953	-3.416	-4.296	-5.047	-6.014	-7.201	-8.242	-8.577	-7.755
2461	24.60	-5.694	-2.781	0.271	2.707	4.058	4.321	3.934	3.553	3.742	4.717
2471	24.70	6.265	7.848	8.849	8.828	7.684	5.666	3.247	0.934	-0.904	-2.107
2481	24.80	-2.714	-2.877	-2.769	-2.533	-2.278	-2.106	-2.137	-2.502	-3.290	-4.481
2491	24.90	-5.900	-7.223	-8.056	-8.060	-7.085	-5.248	-2.927	-0.651	1.070	1.923

Table 7-14-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.898	1.291	0.569	0.182	0.360	1.011	1.752	2.072	1.561	0.113
2511	25.10	-1.990	-4.156	-5.687	-6.038	-5.012	-2.817	0.027	2.899	5.298	6.989
2521	25.20	8.019	8.615	9.028	9.399	9.704	9.795	9.501	8.725	7.489	5.919
2531	25.30	4.176	2.394	0.651	-1.023	-2.589	-3.972	-5.040	-5.666	-5.670	-5.070
2541	25.40	-3.887	-2.228	-0.241	1.904	4.009	5.823	7.041	7.347	6.494	4.428
2551	25.50	1.353	-2.263	-5.802	-8.675	-10.522	-11.321	-11.375	-11.167	-11.130	-11.447
2561	25.60	-11.961	-12.239	-11.771	-10.214	-7.565	-4.205	-0.759	2.134	4.073	5.038
2571	25.70	5.370	5.584	6.115	7.089	8.231	8.958	8.621	6.793	3.494	-0.756
2581	25.80	-5.069	-8.472	-10.217	-10.009	-8.074	-5.038	-1.684	1.306	3.548	5.002
2591	25.90	5.899	6.574	7.306	8.212	9.232	10.182	10.843	11.034	10.650	9.660
2601	26.00	8.100	6.056	3.660	1.086	-1.464	-3.799	-5.776	-7.331	-8.469	-9.227
2611	26.10	-9.611	-9.562	-8.960	-7.680	-5.679	-3.056	-0.064	2.949	5.647	7.796
2621	26.20	9.307	10.203	10.528	10.269	9.329	7.581	4.981	1.666	-2.009	-5.548
2631	26.30	-8.466	-10.465	-11.520	-11.866	-11.847	-11.742	-11.620	-11.319	-10.554	-9.090
2641	26.40	-6.895	-4.193	-1.388	1.106	3.026	4.342	5.219	5.877	6.442	6.857
2651	26.50	6.916	6.388	5.165	3.352	1.250	-0.769	-2.413	-3.585	-4.377	-4.970
2661	26.60	-5.488	-5.885	-5.943	-5.373	-3.979	-1.796	0.876	3.555	5.748	7.122
2671	26.70	7.607	7.373	6.721	5.940	5.196	4.513	3.832	3.099	2.335	1.631
2681	26.80	1.093	0.763	0.570	0.360	-0.024	-0.637	-1.378	-2.015	-2.289	-2.044
2691	26.90	-1.318	-0.340	0.572	1.172	1.415	1.496	1.759	2.515	3.847	5.513
2701	27.00	6.978	7.608	6.923	4.816	1.644	-1.879	-4.910	-6.778	-7.206	-6.376
2711	27.10	-4.826	-3.214	-2.066	-1.599	-1.693	-2.001	-2.138	-1.857	-1.144	-0.194
2721	27.20	0.699	1.287	1.460	1.278	0.915	0.563	0.354	0.311	0.364	0.387
2731	27.30	0.261	-0.101	-0.736	-1.632	-2.732	-3.935	-5.098	-6.051	-6.643	-6.783
2741	27.40	-6.487	-5.874	-5.117	-4.361	-3.638	-2.839	-1.760	-0.212	1.854	4.257
2751	27.50	6.607	8.420	9.296	9.075	7.907	6.185	4.392	2.909	1.882	1.218
2761	27.60	0.680	0.050	-0.740	-1.567	-2.199	-2.434	-2.233	-1.766	-1.340	-1.250
2771	27.70	-1.621	-2.327	-3.042	-3.381	-3.089	-2.157	-0.830	0.508	1.515	2.040
2781	27.80	2.167	2.151	2.253	2.588	3.054	3.376	3.254	2.527	1.282	-0.164
2791	27.90	-1.389	-2.041	-1.986	-1.346	-0.415	0.499	1.233	1.843	2.555	3.616
2801	28.00	5.122	6.906	8.548	9.512	9.350	7.888	5.308	2.091	-1.157	-3.911
2811	28.10	-5.883	-7.073	-7.680	-7.951	-8.029	-7.885	-7.355	-6.273	-4.614	-2.585
2821	28.20	-0.592	0.886	1.492	1.139	0.053	-1.302	-2.454	-3.047	-3.046	-2.691
2831	28.30	-2.376	-2.445	-3.024	-3.956	-4.877	-5.385	-5.231	-4.431	-3.245	-2.040
2841	28.40	-1.107	-0.517	-0.096	0.468	1.448	2.908	4.644	6.251	7.308	7.569
2851	28.50	7.082	6.155	5.208	4.559	4.264	4.091	3.640	2.553	0.716	-1.647
2861	28.60	-4.041	-5.877	-6.699	-6.335	-4.928	-2.834	-0.458	1.883	4.011	5.843
2871	28.70	7.285	8.167	8.245	7.306	5.302	2.441	-0.815	-3.888	-6.267	-7.676
2881	28.80	-8.139	-7.911	-7.321	-6.605	-5.825	-4.902	-3.745	-2.380	-1.012	0.041
2891	28.90	0.505	0.321	-0.276	-0.820	-0.808	0.066	1.742	3.797	5.603	6.594
2901	29.00	6.503	5.462	3.929	2.471	1.515	1.176	1.241	1.308	0.994	0.123
2911	29.10	-1.194	-2.618	-3.725	-4.174	-3.825	-2.751	-1.183	0.590	2.304	3.769
2921	29.20	4.866	5.535	5.758	5.550	4.965	4.083	2.992	1.761	0.430	-0.977
2931	29.30	-2.413	-3.772	-4.877	-5.525	-5.562	-4.966	-3.885	-2.596	-1.404	-0.521
2941	29.40	0.020	0.354	0.699	1.218	1.918	2.636	3.129	3.221	2.924	2.468
2951	29.50	2.203	2.423	3.193	4.279	5.215	5.498	4.815	3.192	0.997	-1.208
2961	29.60	-2.902	-3.802	-3.949	-3.639	-3.241	-3.014	-2.998	-3.033	-2.893	-2.441
2971	29.70	-1.731	-0.992	-0.524	-0.537	-1.055	-1.903	-2.806	-3.533	-4.004	-4.317
2981	29.80	-4.668	-5.224	-6.008	-6.873	-7.569	-7.864	-7.668	-7.066	-6.263	-5.657
2991	29.90	-4.712	-3.903	-2.776	-1.085	1.238	3.991	6.716	8.845	9.906	9.708

Table 7-14-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	8.418	6.506	4.568	3.121	2.432	2.461	2.926	3.443	3.692	3.523
3011	30.10	2.981	2.255	1.575	1.127	1.001	1.199	1.673	2.360	3.205	4.155
3021	30.20	5.128	6.004	6.623	6.824	6.495	5.612	4.262	2.615	0.885	-0.735
3031	30.30	-2.112	-3.192	-3.995	-4.582	-5.017	-5.339	-5.548	-5.611	-5.476	-5.109
3041	30.40	-4.514	-3.758	-2.965	-2.283	-1.846	-1.714	-1.849	-2.110	-2.305	-2.261
3051	30.50	-1.896	-1.256	-0.490	0.218	0.738	1.056	1.268	1.515	1.880	2.310
3061	30.60	2.611	2.531	1.904	0.769	-0.589	-1.725	-2.216	-1.861	-0.803	0.499
3071	30.70	1.453	1.584	0.755	-0.762	-2.397	-3.523	-3.722	-2.950	-1.530	0.020
3081	30.80	1.224	1.838	1.906	1.661	1.346	1.068	0.754	0.239	-0.569	-1.566
3091	30.90	-2.441	-2.813	-2.431	-1.346	0.063	1.231	1.659	1.152	-0.077	-1.506
3101	31.00	-2.548	-2.831	-2.357	-1.471	-0.644	-0.197	-0.107	-0.005	0.621	2.125
3111	31.10	4.451	7.080	9.199	10.040	9.210	6.878	3.706	0.581	-1.747	-2.937
3121	31.20	-3.130	-2.800	-2.470	-2.639	-2.657	-2.788	-2.426	-1.344	0.355	2.255
3131	31.30	3.800	4.533	4.287	3.238	1.808	0.468	-0.457	-0.892	-0.992	-1.019
3141	31.40	-1.190	-1.578	-2.100	-2.599	-2.954	-3.164	-3.349	-3.674	-4.245	-5.010
3151	31.50	-5.756	-6.168	-5.961	-5.000	-3.360	-1.302	0.819	2.679	4.078	4.956
3161	31.60	5.357	5.348	4.952	4.140	2.877	1.204	-0.703	-2.529	-3.895	-4.487
3171	31.70	-4.171	-3.065	-1.507	0.058	1.227	1.770	1.684	1.155	0.459	-0.163
3181	31.80	-0.581	-0.799	-0.907	-1.009	-1.156	-1.330	-1.455	-1.454	-1.285	-0.967
3191	31.90	-0.559	-0.140	0.230	0.521	0.732	0.876	0.973	1.042	1.110	1.206
3201	32.00	1.354	1.564	1.819	2.094	2.372	2.683	3.106	3.744	4.663	5.816
3211	32.10	7.005	7.903	8.153	7.506	5.941	3.710	1.276	-0.846	-2.271	-2.880
3221	32.20	-2.850	-2.549	-2.370	-2.557	-3.110	-3.814	-4.357	-4.484	-4.110	-3.339
3231	32.30	-2.398	-1.512	-0.807	-0.273	0.188	0.673	1.189	1.619	1.770	1.454
3241	32.40	0.588	-0.752	-2.347	-3.897	-5.117	-5.814	-5.928	-5.528	-4.774	-3.873
3251	32.50	-3.031	-2.417	-2.126	-2.156	-2.394	-2.630	-2.607	-2.099	-0.994	0.649
3261	32.60	2.597	4.500	5.996	6.820	6.877	6.253	5.162	3.858	2.548	1.350
3271	32.70	0.290	-0.652	-1.488	-2.186	-2.674	-2.869	-2.732	-2.299	-1.688	-1.067
3281	32.80	-0.599	-0.377	-0.391	-0.522	-0.585	-0.392	0.165	1.069	2.158	3.166
3291	32.90	3.803	3.850	3.242	2.097	0.692	-0.626	-1.539	-1.858	-1.568	-0.812
3301	33.00	0.168	1.119	1.849	2.261	2.359	2.217	1.949	1.685	1.551	1.655
3311	33.10	2.059	2.748	3.611	4.444	5.004	5.083	4.589	3.586	2.273	0.892
3321	33.20	-0.374	-1.483	-2.536	-3.700	-5.075	-6.588	-7.963	-8.805	-8.767	-7.720
3331	33.30	-5.855	-3.642	-1.667	-0.405	-0.038	-0.391	-1.022	-1.426	-1.255	-0.457
3341	33.40	0.718	1.848	2.525	2.525	1.869	0.781	-0.438	-1.538	-2.394	-2.993
3351	33.50	-3.377	-3.565	-3.528	-3.214	-2.619	-1.834	-1.044	-0.465	-0.238	-0.352
3361	33.60	-0.637	-0.831	-0.716	-0.229	0.493	1.172	1.526	1.421	0.952	0.419
3371	33.70	0.202	0.576	1.581	2.984	4.371	5.317	5.569	5.143	4.306	3.446
3381	33.80	2.395	2.794	3.043	3.374	3.488	3.200	2.516	1.621	0.784	0.231
3391	33.90	0.056	0.201	0.503	0.790	0.959	1.002	0.983	0.967	0.966	0.914
3401	34.00	0.712	0.282	-0.365	-1.111	-1.771	-2.166	-2.201	-1.905	-1.411	-0.890
3411	34.10	-0.469	-0.178	0.046	0.307	0.672	1.121	1.541	1.777	1.712	1.330
3421	34.20	0.726	0.061	-0.527	-0.993	-1.408	-1.915	-2.634	-3.565	-4.551	-5.319
3431	34.30	-5.590	-5.215	-4.261	-3.009	-1.847	-1.119	-0.977	-1.325	-1.866	-2.249
3441	34.40	-2.224	-1.756	-1.023	-0.311	0.142	0.272	0.228	0.287	0.697	1.520
3451	34.50	2.559	3.413	3.547	2.988	1.481	-0.501	-2.383	-3.606	-3.846	-3.139
3461	34.60	-1.850	-0.518	0.364	0.540	0.061	-0.767	-1.537	-1.915	-1.749	-1.095
3471	34.70	-0.142	0.897	1.879	2.758	3.549	4.268	4.871	5.252	5.290	4.915
3481	34.80	4.154	3.134	2.030	0.986	0.061	-0.784	-1.639	-2.570	-3.559	-4.486
3491	34.90	-5.177	-5.474	-5.305	-4.713	-3.817	-2.747	-1.575	-0.294	1.154	2.796

Table 7-14-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	4.557	6.232	7.531	8.179	8.033	7.156	5.803	4.338	3.090	2.232
3511	35.10	1.730	1.380	0.919	0.158	-0.923	-2.162	-3.283	-4.015	-4.205	-3.877
3521	35.20	-3.219	-2.495	-1.937	-1.663	-1.645	-1.744	-1.793	-1.683	-1.412	-1.086
3531	35.30	-0.864	-0.875	-1.157	-1.625	-2.109	-2.418	-2.432	-2.152	-1.704	-1.280
3541	35.40	-1.042	-1.035	-1.146	-1.144	-0.777	0.099	1.423	2.915	4.159	4.755
3551	35.50	4.486	3.417	1.881	0.352	-0.742	-1.200	-1.118	-0.827	-0.730	-1.093
3561	35.60	-1.909	-2.888	-3.583	-3.603	-2.796	-1.331	0.371	1.821	2.675	2.869
3571	35.70	2.614	2.274	2.142	2.306	2.604	2.729	2.414	1.602	0.502	-0.493
3581	35.80	-0.997	-0.831	-0.119	0.756	1.339	1.321	0.688	-0.280	-1.153	-1.580
3591	35.90	-1.459	-0.980	-0.510	-0.375	-0.669	-1.181	-1.498	-1.220	-0.185	1.416
3601	36.00	3.103	4.327	4.725	4.296	3.391	2.528	2.124	2.275	2.703	2.909
3611	36.10	2.438	1.142	-0.712	-2.535	-3.682	-3.748	-2.766	-1.189	0.314	1.163
3621	36.20	1.116	0.346	-0.681	-1.468	-1.738	-1.561	-1.288	-1.343	-1.974	-3.100
3631	36.30	-4.334	-5.168	-5.218	-4.419	-3.055	-1.632	-0.643	-0.348	-0.680	-1.311
3641	36.40	-1.829	-1.950	-1.633	-1.074	-0.565	-0.329	-0.390	-0.574	-0.612	-0.300
3651	36.50	0.381	1.242	1.973	2.295	2.087	1.433	0.563	-0.275	-0.934	-1.420
3661	36.60	-1.849	-2.332	-2.865	-3.284	-3.325	-2.754	-1.505	0.251	2.141	3.733
3671	36.70	4.705	4.964	4.663	4.093	3.530	3.091	2.692	2.117	1.165	-0.205
3681	36.80	-1.813	-3.307	-4.307	-4.573	-4.103	-3.130	-1.999	-1.009	-0.284	0.258
3691	36.90	0.827	1.619	2.693	3.923	5.060	5.846	6.148	6.008	5.607	5.154
3701	37.00	4.763	4.396	3.889	3.060	1.827	0.274	-1.368	-2.830	-3.931	-4.654
3711	37.10	-5.130	-5.538	-5.967	-6.333	-6.389	-5.845	-4.529	-2.514	-0.132	2.130
3721	37.20	3.823	4.709	4.842	4.509	4.069	3.761	3.592	3.344	2.719	1.522
3731	37.30	-0.199	-2.127	-3.790	-4.756	-4.815	-4.058	-2.825	-1.550	-0.584	-0.066
3741	37.40	0.076	0.033	-0.021	-0.031	-0.075	-0.290	-0.755	-1.412	-2.057	-2.436
3751	37.50	-2.364	-1.835	-1.036	-0.264	0.213	0.287	0.061	-0.206	-0.237	0.123
3761	37.60	0.828	1.655	2.320	2.631	2.581	2.354	2.220	2.386	2.872	3.487
3771	37.70	3.907	3.831	3.130	1.920	0.511	-0.722	-1.505	-1.766	-1.644	-1.388
3781	37.80	-1.214	-1.199	-1.255	-1.201	-0.891	-0.316	0.366	0.906	1.100	0.912
3791	37.90	0.516	0.234	0.380	1.103	2.293	3.606	4.598	4.910	4.409	3.228
3801	38.00	1.691	0.154	-1.138	-2.133	-2.938	-3.720	-4.577	-5.466	-6.220	-6.633
3811	38.10	-6.577	-6.073	-5.286	-4.451	-3.764	-3.302	-3.009	-2.751	-2.405	-1.928
3821	38.20	-1.373	-0.847	-0.436	-0.153	0.068	0.327	0.686	1.119	1.517	1.749
3831	38.30	1.736	1.511	1.215	1.029	1.088	1.408	1.881	2.333	2.619	2.700
3841	38.40	2.664	2.666	2.840	3.204	3.634	3.915	3.835	3.289	2.327	1.126
3851	38.50	-0.093	-1.169	-2.051	-2.786	-3.447	-4.046	-4.490	-4.601	-4.212	-3.263
3861	38.60	-1.870	-0.307	1.091	2.059	2.506	2.541	2.412	2.376	2.576	2.973
3871	38.70	3.367	3.491	3.135	2.235	0.903	-0.627	-2.089	-3.273	-4.071	-4.477
3881	38.80	-4.535	-4.298	-3.791	-3.024	-2.016	-0.831	0.419	1.592	2.558	3.245
3891	38.90	3.656	3.858	3.943	3.980	3.983	3.903	3.649	3.124	2.267	1.075
3901	39.00	-0.384	-1.987	-3.573	-4.970	-6.027	-6.629	-6.719	-6.304	-5.448	-4.258
3911	39.10	-2.857	-1.360	0.145	1.595	2.949	4.163	5.175	5.910	6.287	6.248
3921	39.20	5.780	4.933	3.810	2.546	1.279	0.119	-0.865	-1.651	-2.247	-2.679
3931	39.30	-2.968	-3.120	-3.128	-2.961	-2.583	-1.986	-1.106	-0.044	1.118	2.226
3941	39.40	3.095	3.557	3.513	2.982	2.107	1.131	0.323	-0.106	-0.073	0.366
3951	39.50	0.949	1.485	1.746	1.648	1.249	0.720	0.262	0.021	0.028	0.194
3961	39.60	0.355	0.352	0.092	-0.417	-1.080	-1.765	-2.362	-2.814	-3.121	-3.313
3971	39.70	-3.410	-3.408	-3.287	-3.034	-2.684	-2.314	-2.026	-1.888	-1.891	-1.929
3981	39.80	-1.841	-1.484	-0.816	0.060	0.896	1.398	1.330	0.622	-0.599	-2.043
3991	39.90	-3.368	-4.301	-4.728	-4.706	-4.405	-4.011	-3.625	-3.228	-2.700	-1.902

Table 7-14-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.757	0.689	2.273	3.762	4.932	5.633	5.826	5.564	4.960	4.146
4011	40.10	3.240	2.339	1.519	0.833	0.305	-0.078	-0.367	-0.630	-0.915	-1.212
4021	40.20	-1.442	-1.475	-1.189	-0.541	0.393	1.422	2.302	2.833	2.947	2.736
4031	40.30	2.413	2.216	2.295	2.637	3.074	3.362	3.296	2.809	2.010	1.123
4041	40.40	0.386	-0.073	-0.297	-0.470	-0.823	-1.501	-2.466	-3.490	-4.233	-4.389
4051	40.50	-3.820	-2.630	-1.138	0.239	1.145	1.607	1.086	0.430	-0.248	-0.701
4061	40.60	-0.839	-0.744	-0.606	-0.620	-0.891	-1.392	-1.982	-2.478	-2.737	-2.705
4071	40.70	-2.427	-2.004	-1.537	-1.080	-0.627	-0.142	0.403	0.993	1.565	2.041
4081	40.80	2.365	2.539	2.622	2.697	2.819	2.973	3.065	2.964	2.554	1.803
4091	40.90	0.783	-0.352	-1.416	-2.261	-2.819	-3.095	-3.132	-2.961	-2.571	-1.929
4101	41.00	-1.021	0.090	1.242	2.209	2.782	2.869	2.548	2.061	1.711	1.736
4111	41.10	2.186	2.883	3.490	3.646	3.134	1.982	0.472	-0.972	-1.950	-2.242
4121	41.20	-1.884	-1.135	-0.354	0.150	0.232	-0.059	-0.538	-0.990	-1.262	-1.314
4131	41.30	-1.191	-0.966	-0.677	-0.303	0.205	0.865	1.614	2.295	2.703	2.666
4141	41.40	2.117	1.137	-0.077	-1.277	-2.258	-2.907	-3.218	-3.249	-3.065	-2.697
4151	41.50	-2.140	-1.396	-0.524	0.331	0.956	1.142	0.780	-0.075	-1.185	-2.203
4161	41.60	-2.784	-2.721	-2.020	-0.907	0.261	1.127	1.471	1.289	0.761	0.264
4171	41.70	0.036	0.253	0.868	1.648	2.276	2.471	2.101	1.225	0.061	-1.107
4181	41.80	-2.040	-2.627	-2.900	-2.988	-3.036	-3.113	-3.189	-3.146	-2.864	-2.292
4191	41.90	-1.502	-0.670	0.000	0.370	0.438	0.349	0.324	0.547	1.065	1.752
4201	42.00	2.349	2.587	2.314	1.578	0.616	-0.246	-0.735	-0.760	-0.439	-0.043
4211	42.10	0.152	0.001	-0.430	-0.898	-1.099	-0.825	-0.074	0.946	1.907	2.519
4221	42.20	2.661	2.425	2.056	1.805	1.788	1.909	1.905	1.485	0.493	-0.971
4231	42.30	-2.559	-3.800	-4.282	-3.827	-2.564	-0.864	0.814	2.108	2.880	3.228
4241	42.40	3.389	3.587	3.902	4.226	4.320	3.945	2.992	1.556	-0.087	-1.586
4251	42.50	-2.641	-3.109	-3.032	-2.584	-1.976	-1.365	-0.804	-0.258	0.345	1.065
4261	42.60	1.819	2.578	3.214	3.645	3.842	3.837	3.688	3.452	3.155	2.795
4271	42.70	2.355	1.823	1.205	0.514	-0.240	-1.059	-1.949	-2.900	-3.856	-4.709
4281	42.80	-5.316	-5.540	-5.312	-4.665	-3.741	-2.753	-1.919	-1.399	-1.256	-1.452
4291	42.90	-1.888	-2.444	-3.025	-3.564	-4.013	-4.318	-4.411	-4.225	-3.728	-2.955
4301	43.00	-2.025	-1.112	-0.386	0.048	0.205	0.208	0.244	0.476	0.967	1.646
4311	43.10	2.331	2.805	2.904	2.595	1.987	1.287	0.720	0.439	0.472	0.726
4321	43.20	1.043	1.274	1.349	1.291	1.195	1.164	1.247	1.408	1.543	1.534
4331	43.30	1.313	0.914	0.462	0.131	0.061	0.293	0.736	1.202	1.475	1.407
4341	43.40	0.981	0.319	-0.365	-0.860	-1.037	-0.908	-0.604	-0.313	-0.188	-0.277
4351	43.50	-0.505	-0.714	-0.747	-0.527	-0.109	0.348	0.637	0.603	0.206	-0.459
4361	43.60	-1.203	-1.824	-2.183	-2.244	-2.068	-1.752	-1.370	-0.930	-0.384	0.324
4371	43.70	1.194	2.131	2.957	3.472	3.541	3.167	2.499	1.782	1.254	1.043
4381	43.80	1.110	1.276	1.301	1.007	0.362	-0.503	-1.353	-1.969	-2.246	-2.246
4391	43.90	-2.154	-2.180	-2.438	-2.876	-3.282	-3.399	-3.040	-2.197	-1.059	0.064
4401	44.00	0.881	1.251	1.247	1.107	1.112	1.442	2.081	2.824	3.384	3.535
4411	44.10	3.224	2.594	1.908	1.406	1.192	1.183	1.161	0.996	0.575	0.054
4421	44.20	-0.299	-0.226	0.379	1.390	2.491	3.322	3.647	3.467	3.007	2.588
4431	44.30	2.441	2.574	2.748	2.603	1.851	0.459	-1.299	-2.937	-3.962	-4.100
4441	44.40	-3.418	-2.293	-1.235	-0.660	-0.710	-1.222	-1.843	-2.229	-2.220	-1.911
4451	44.50	-1.578	-1.508	-1.836	-2.455	-3.078	-3.383	-3.191	-2.569	-1.797	-1.242
4461	44.60	-1.169	-1.614	-2.364	-3.056	-3.344	-3.049	-2.222	-1.103	-0.002	0.832
4471	44.70	1.294	1.417	1.315	1.094	0.807	0.450	0.010	-0.488	-0.965	-1.311
4481	44.80	-1.441	-1.351	-1.120	-0.874	-0.711	-0.648	-0.602	-0.441	-0.064	0.527
4491	44.90	1.206	1.765	2.014	1.872	1.411	0.837	0.395	0.260	0.472	0.926

Table 7-14-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	1.443	1.863	2.123	2.269	2.412	2.633	2.918	3.139	3.114	2.703
4511	45.10	1.903	0.882	-0.076	-0.680	-0.760	-0.342	0.361	1.043	1.438	1.436
4521	45.20	1.113	0.685	0.387	0.355	0.562	0.837	0.959	0.777	0.289	-0.349
4531	45.30	-0.897	-1.151	-1.058	-0.649	-0.186	0.144	0.234	0.131	0.006	0.050
4541	45.40	0.365	0.883	1.302	1.577	1.254	0.380	-0.865	-2.156	-3.146	-3.614
4551	45.50	-3.542	-3.105	-2.582	-2.221	-2.130	-2.248	-2.389	-2.345	-1.998	-1.365
4561	45.60	-0.592	0.132	0.662	0.961	1.104	1.216	1.395	1.646	1.870	1.911
4571	45.70	1.632	0.989	0.062	-0.971	-1.898	-2.547	-2.836	-2.773	-2.422	-1.852
4581	45.80	-1.111	-0.222	0.779	1.810	2.728	3.357	3.550	3.261	2.581	1.729
4591	45.90	0.972	0.528	0.475	0.720	1.041	1.185	0.983	0.421	-0.351	-1.092
4601	46.00	-1.583	-1.723	-1.572	-1.316	-1.174	-1.283	-1.638	-2.086	-2.407	-2.420
4611	46.10	-2.074	-1.478	-0.854	-0.440	-0.387	-0.692	-1.214	-1.735	-2.065	-2.111
4621	46.20	-1.897	-1.533	-1.136	-0.769	-0.415	-0.008	0.508	1.120	1.721	2.144
4631	46.30	2.229	1.901	1.208	0.314	-0.563	-1.232	-1.593	-1.650	-1.486	-1.197
4641	46.40	-0.834	-0.386	0.205	0.986	1.936	2.942	3.819	4.370	4.458	4.069
4651	46.50	3.315	2.401	1.550	0.923	0.573	0.439	0.384	0.266	-0.002	-0.409
4661	46.60	-0.857	-1.203	-1.318	-1.151	-0.751	-0.254	0.163	0.356	0.272	-0.029
4671	46.70	-0.387	-0.611	-0.553	-0.176	0.417	1.015	1.371	1.292	0.718	-0.253
4681	46.80	-1.400	-2.455	-3.193	-3.503	-3.402	-2.998	-2.422	-1.758	-1.014	-0.138
4691	46.90	0.928	2.182	3.524	4.764	5.685	6.115	5.993	5.387	4.457	3.388
4701	47.00	2.322	1.316	0.359	-0.582	-1.496	-2.303	-2.868	-3.061	-2.828	-2.236
4711	47.10	-1.464	-0.738	-0.237	-0.017	0.008	0.015	0.182	0.590	1.175	1.748
4721	47.20	2.081	2.010	1.510	0.694	-0.242	-1.122	-1.865	-2.507	-3.153	-3.882
4731	47.30	-4.668	-5.359	-5.726	-5.574	-4.848	-3.686	-2.376	-1.249	-0.542	-0.299
4741	47.40	-0.368	-0.484	-0.401	-0.006	0.632	1.314	1.821	2.029	1.970	1.802
4751	47.50	1.714	1.811	2.051	2.259	2.221	1.808	1.063	0.205	-0.459	-0.667
4761	47.60	-0.326	0.446	1.369	2.126	2.499	2.452	2.137	1.796	1.648	1.780
4771	47.70	2.118	2.470	2.629	2.464	1.983	1.309	0.618	0.055	-0.326	-0.566
4781	47.80	-0.764	-1.012	-1.342	-1.718	-2.059	-2.284	-2.354	-2.287	-2.135	-1.952
4791	47.90	-1.762	-1.548	-1.273	-0.917	-0.506	-0.123	0.126	0.147	-0.093	-0.543
4801	48.00	-1.089	-1.588	-1.929	-2.067	-2.036	-1.917	-1.802	-1.736	-1.705	-1.637
4811	48.10	-1.436	-1.032	-0.412	0.366	1.197	1.958	2.550	2.921	3.073	3.044
4821	48.20	2.884	2.636	2.323	1.953	1.524	1.037	0.501	-0.071	-0.657	-1.233
4831	48.30	-1.763	-2.203	-2.498	-2.599	-2.481	-2.157	-1.687	-1.160	-0.667	-0.261
4841	48.40	0.064	0.370	0.746	1.254	1.887	2.553	3.097	3.354	3.222	2.703
4851	48.50	1.911	1.032	0.250	-0.312	-0.633	-0.777	-0.866	-0.924	-1.033	-1.131
4861	48.60	-1.151	-1.044	-0.818	-0.538	-0.291	-0.141	-0.090	-0.075	-0.002	0.197
4871	48.70	0.521	0.893	1.185	1.276	1.110	0.713	0.177	-0.387	-0.899	-1.335
4881	48.80	-1.713	-2.050	-2.323	-2.451	-2.327	-1.873	-1.101	-0.138	0.803	1.498
4891	48.90	1.799	1.693	1.307	0.868	0.515	0.417	0.533	0.739	0.872	0.807
4901	49.00	0.507	0.026	-0.531	-1.061	-1.503	-1.849	-2.125	-2.354	-2.537	-2.648
4911	49.10	-2.657	-2.546	-2.319	-1.992	-1.575	-1.056	-0.416	0.346	1.173	1.939
4921	49.20	2.477	2.641	2.372	1.743	0.943	0.208	-0.279	-0.465	-0.446	-0.399
4931	49.30	-0.500	-0.801	-1.196	-1.464	-1.376	-0.816	0.140	1.246	2.184	2.706
4941	49.40	2.744	2.436	2.050	1.846	1.950	2.293	2.652	2.774	2.512	1.907
4951	49.50	1.176	0.607	0.422	0.662	1.173	1.679	1.919	1.765	1.281	0.678
4961	49.60	0.198	-0.006	0.057	0.227	0.294	0.109	-0.323	-0.845	-1.219	-1.250
4971	49.70	-0.890	-0.269	0.351	0.695	0.592	0.054	-0.235	-1.499	-1.985	-2.061
4981	49.80	-1.750	-1.206	-0.628	-0.186	0.038	0.052	-0.089	-0.329	-0.641	-1.030
4991	49.90	-1.499	-2.019	-2.510	-2.856	-2.956	-2.764	-2.321	-1.744	-1.177	-0.737

Table 7-14-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.468	-0.334	-0.250	-0.137	0.034	0.225	0.353	0.338	0.156	-0.138
5011	50.10	-0.429	-0.589	-0.538	-0.285	0.075	0.399	0.565	0.520	0.310	0.046
5021	50.20	-0.139	-0.158	-0.002	0.262	0.538	0.748	0.876	0.969	1.101	1.318
5031	50.30	1.591	1.809	1.815	1.478	0.767	-0.213	-1.236	-2.026	-2.355	-2.125
5041	50.40	-1.406	-0.411	0.586	1.346	1.747	1.803	1.637	1.414	1.257	1.298
5051	50.50	1.222	1.204	1.073	0.798	0.418	0.016	-0.327	-0.568	-0.724	-0.850
5061	50.60	-1.004	-1.210	-1.433	-1.596	-1.608	-1.414	-1.015	-0.475	0.100	0.606
5071	50.70	0.962	1.134	1.125	0.962	0.678	0.306	-0.118	-0.551	-0.944	-1.248
5081	50.80	-1.432	-1.491	-1.452	-1.354	-1.230	-1.085	-0.894	-0.616	-0.224	0.275
5091	50.90	0.834	1.381	1.851	2.213	2.480	2.695	2.895	3.082	3.208	3.192
5101	51.00	2.959	2.483	1.807	1.040	0.311	-0.271	-0.656	-0.859	-0.933	-0.930
5111	51.10	-0.875	-0.752	-0.528	-0.185	0.258	0.738	1.174	1.501	1.694	1.772
5121	51.20	1.774	1.723	1.600	1.353	0.921	0.287	-0.492	-1.285	-1.930	-2.293
5131	51.30	-2.328	-2.100	-1.764	-1.495	-1.422	-1.573	-1.867	-2.156	-2.289	-2.178
5141	51.40	-1.831	-1.341	-0.841	-0.650	-0.228	-0.162	-0.185	-0.217	-0.202	-0.132
5151	51.50	-0.040	0.021	0.008	-0.082	-0.214	-0.325	-0.357	-0.285	-0.132	0.035
5161	51.60	0.129	0.076	-0.150	-0.516	-0.941	-1.327	-1.598	-1.734	-1.774	-1.797
5171	51.70	-1.877	-2.043	-2.256	-2.417	-2.410	-2.153	-1.640	-0.949	-0.213	0.436
5181	51.80	0.919	1.240	1.473	1.714	2.023	2.384	2.715	2.886	2.800	2.435
5191	51.90	1.860	1.203	0.599	0.123	-0.229	-0.534	-0.880	-1.304	-1.753	-2.087
5201	52.00	-2.133	-1.763	-0.961	0.156	1.361	2.397	3.062	3.265	3.048	2.549
5211	52.10	1.934	1.334	0.813	0.361	-0.062	-0.490	-0.916	-1.297	-1.573	-1.706
5221	52.20	-1.702	-1.610	-1.494	-1.398	-1.316	-1.193	-0.951	-0.533	0.060	0.751
5231	52.30	1.413	1.912	2.162	2.158	1.978	1.746	1.582	1.544	1.616	1.712
5241	52.40	1.721	1.561	1.212	0.734	0.233	-0.173	-0.410	-0.467	-0.403	-0.320
5251	52.50	-0.324	-0.486	-0.818	-1.275	-1.767	-2.190	-2.456	-2.515	-2.363	-2.039
5261	52.60	-1.607	-1.143	-0.710	-0.353	-0.088	0.085	0.181	0.216	0.204	0.159
5271	52.70	0.093	0.023	-0.031	-0.054	-0.041	0.000	0.047	0.074	0.062	0.012
5281	52.80	-0.059	-0.122	-0.149	-0.124	-0.049	0.064	0.201	0.353	0.512	0.664
5291	52.90	0.782	0.826	0.762	0.579	0.316	0.062	-0.066	0.028	0.373	0.909
5301	53.00	1.494	1.959	2.177	2.117	1.857	1.551	1.356	1.360	1.566	1.802
5311	53.10	1.983	1.986	1.796	1.490	1.188	0.984	0.894	0.866	0.723	0.435
5321	53.20	-0.031	-0.589	-1.093	-1.410	-1.482	-1.352	-1.140	-0.976	-0.935	-1.001
5331	53.30	-1.086	-1.086	-0.945	-0.691	-0.422	-0.254	-0.257	-0.415	-0.639	-0.815
5341	53.40	-0.873	-0.821	-0.747	-0.766	-0.955	-1.302	-1.712	-2.046	-2.193	-2.125
5351	53.50	-1.911	-1.676	-1.537	-1.546	-1.668	-1.802	-1.844	-1.740	-1.506	-1.213
5361	53.60	-0.935	-0.700	-0.470	-0.164	0.285	0.874	1.512	2.036	2.290	2.188
5371	53.70	1.767	1.181	0.636	0.314	0.297	0.546	0.930	1.295	1.532	1.620
5381	53.80	1.612	1.589	1.603	1.639	1.621	1.458	1.104	0.593	0.043	-0.391
5391	53.90	-0.585	-0.499	-0.197	0.187	0.510	0.686	0.719	0.687	0.687	0.772
5401	54.00	0.911	0.997	0.897	0.528	-0.093	-0.838	-1.522	-1.977	-2.128	-2.023
5411	54.10	-1.802	-1.628	-1.600	-1.703	-1.823	-1.806	-1.549	-1.064	-0.484	-0.006
5421	54.20	0.201	0.082	-0.273	-0.667	-0.890	-0.818	-0.476	-0.023	0.320	0.381
5431	54.30	0.117	-0.361	-0.841	-1.109	-1.048	-0.682	-0.163	0.315	0.605	0.676
5441	54.40	0.618	0.582	0.697	0.997	1.403	1.760	1.917	1.803	1.465	1.046
5451	54.50	0.713	0.578	0.644	0.804	0.895	0.779	0.408	-0.147	-0.730	-1.169
5461	54.60	-1.347	-1.246	-0.948	-0.585	-0.274	-0.069	0.051	0.150	0.286	0.466
5471	54.70	0.629	0.678	0.532	0.179	-0.301	-0.759	-1.041	-1.050	-0.794	-0.384
5481	54.80	0.018	0.273	0.327	0.234	0.119	0.116	0.287	0.591	0.898	1.048
5491	54.90	0.937	0.565	0.045	-0.449	-0.763	-0.832	-0.708	-0.523	-0.419	-0.469

Table 7-14-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.642	-0.810	-0.824	-0.586	-0.109	0.487	1.025	1.355	1.416	1.263
5511	55.10	1.024	0.833	0.757	0.765	0.749	0.586	0.215	-0.323	-0.889	-1.306
5521	55.20	-1.432	-1.226	-0.765	-0.210	0.255	0.498	0.478	0.250	-0.070	-0.357
5531	55.30	-0.523	-0.534	-0.412	-0.209	0.017	0.225	0.393	0.522	0.626	0.722
5541	55.40	0.826	0.934	1.023	1.047	0.944	0.664	0.189	-0.443	-1.136	-1.759
5551	55.50	-2.183	-2.329	-2.195	-1.860	-1.448	-1.085	-0.851	-0.756	-0.752	-0.763
5561	55.60	-0.724	-0.611	-0.439	-0.246	-0.067	0.088	0.226	0.361	0.486	0.569
5571	55.70	0.564	0.435	0.184	-0.139	-0.447	-0.651	-0.699	-0.596	-0.401	-0.196
5581	55.80	-0.043	0.040	0.085	0.150	0.285	0.498	0.755	0.996	1.168	1.254
5591	55.90	1.280	1.292	1.331	1.399	1.458	1.447	1.317	1.065	0.738	0.418
5601	56.00	0.182	0.065	0.045	0.059	0.035	-0.063	-0.216	-0.356	-0.397	-0.279
5611	56.10	0.003	0.396	0.815	1.179	1.440	1.596	1.676	1.714	1.725	1.700
5621	56.20	1.611	1.438	1.176	0.846	0.478	0.094	-0.298	-0.700	-1.103	-1.474
5631	56.30	-1.747	-1.848	-1.726	-1.389	-0.916	-0.429	-0.054	0.139	0.165	0.111
5641	56.40	0.089	0.176	0.361	0.546	0.587	0.368	-0.137	-0.836	-1.552	-2.095
5651	56.50	-2.342	-2.286	-2.029	-1.729	-1.516	-1.437	-1.437	-1.403	-1.228	-0.874
5661	56.60	-0.395	0.092	0.466	0.657	0.677	0.600	0.511	0.453	0.406	0.306
5671	56.70	0.095	-0.224	-0.571	-0.813	-0.831	-0.584	-0.146	0.320	0.635	0.687
5681	56.80	0.492	0.188	-0.033	-0.022	0.243	0.641	0.955	0.974	0.598	-0.108
5691	56.90	-0.933	-1.611	-1.930	-1.819	-1.368	-0.772	-0.236	0.117	0.291	0.395
5701	57.00	0.565	0.884	1.322	1.747	1.985	1.910	1.503	0.877	0.226	-0.248
5711	57.10	-0.418	-0.280	0.061	0.443	0.716	0.804	0.716	0.528	0.333	0.196
5721	57.20	0.134	0.123	0.126	0.126	0.137	0.190	0.310	0.487	0.669	0.780
5731	57.30	0.752	0.562	0.243	-0.128	-0.462	-0.706	-0.861	-0.983	-1.139	-1.374
5741	57.40	-1.667	-1.935	-2.067	-1.970	-1.626	-1.106	-0.546	-0.096	0.142	0.159
5751	57.50	0.035	-0.100	-0.127	0.001	0.248	0.506	0.657	0.623	0.409	0.099
5761	57.60	-0.182	-0.320	-0.261	-0.027	0.303	0.627	0.864	0.984	1.003	0.974
5771	57.70	0.949	0.967	1.039	1.152	1.282	1.399	1.480	1.503	1.455	1.334
5781	57.80	1.151	0.935	0.719	0.532	0.379	0.239	0.066	-0.182	-0.522	-0.926
5791	57.90	-1.324	-1.626	-1.760	-1.697	-1.467	-1.146	-0.821	-0.559	-0.386	-0.291
5801	58.00	-0.244	-0.224	-0.232	-0.289	-0.418	-0.614	-0.840	-1.032	-1.130	-1.106
5811	58.10	-0.980	-0.816	-0.689	-0.652	-0.706	-0.800	-0.851	-0.780	-0.546	-0.160
5821	58.20	0.326	0.839	1.313	1.706	1.995	2.164	2.196	2.065	1.746	1.240
5831	58.30	0.579	-0.159	-0.870	-1.450	-1.816	-1.934	-1.819	-1.528	-1.141	-0.739
5841	58.40	-0.387	-0.128	0.021	0.066	0.029	-0.058	-0.162	-0.258	-0.331	-0.375
5851	58.50	-0.392	-0.386	-0.357	-0.303	-0.221	-0.111	0.024	0.181	0.361	0.570
5861	58.60	0.817	1.103	1.408	1.685	1.871	1.905	1.759	1.448	1.038	0.620
5871	58.70	0.275	0.043	-0.088	-0.166	-0.241	-0.332	-0.411	-0.418	-0.300	-0.053
5881	58.80	0.260	0.526	0.633	0.525	0.239	-0.106	-0.362	-0.422	-0.278	-0.027
5891	58.90	0.167	0.157	-0.117	-0.590	-1.101	-1.459	-1.531	-1.297	-0.856	-0.371
5901	59.00	0.002	0.182	0.187	0.107	0.048	0.073	0.176	0.295	0.351	0.300
5911	59.10	0.150	-0.041	-0.205	-0.304	-0.350	-0.395	-0.499	-0.690	-0.938	-1.165
5921	59.20	-1.276	-1.201	-0.925	-0.492	0.012	0.492	0.881	1.145	1.286	1.317
5931	59.30	1.250	1.089	0.836	0.503	0.123	-0.254	-0.573	-0.797	-0.918	-0.959
5941	59.40	-0.983	-0.970	-0.993	-1.014	-0.984	-0.847	-0.560	-0.118	0.440	1.033
5951	59.50	1.565	1.945	2.116	2.070	1.849	1.534	1.216	0.975	0.851	0.839
5961	59.60	0.893	0.948	0.941	0.836	0.625	0.345	0.047	-0.212	-0.386	-0.448
5971	59.70	-0.394	-0.238	-0.009	0.250	0.488	0.652	0.702	0.614	0.396	0.083
5981	59.80	-0.273	-0.613	-0.893	-1.091	-1.207	-1.255	-1.250	-1.207	-1.139	-1.064
5991	59.90	-1.009	-1.011	-1.102	-1.291	-1.555	-1.832	-2.043	-2.119	-2.031	-1.797

Table 7-14-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-1.479	-1.169	-0.856	-0.601	-0.339	-0.004	0.452	1.025	1.653	2.230
6011	60.10	2.652	2.857	2.848	2.694	2.490	2.321	2.219	2.158	2.069	1.878
6021	60.20	1.546	1.086	0.562	0.065	-0.329	-0.578	-0.689	-0.702	-0.674	-0.648
6031	60.30	-0.645	-0.664	-0.691	-0.714	-0.731	-0.751	-0.782	-0.827	-0.877	-0.914
6041	60.40	-0.918	-0.882	-0.810	-0.721	-0.639	-0.586	-0.564	-0.571	-0.589	-0.596
6051	60.50	-0.578	-0.529	-0.457	-0.374	-0.293	-0.227	-0.178	-0.147	-0.126	-0.106
6061	60.60	-0.078	-0.030	0.047	0.163	0.321	0.516	0.735	0.957	1.156	1.310
6071	60.70	1.406	1.444	1.436	1.400	1.350	1.291	1.213	1.092	0.904	0.634
6081	60.80	0.285	-0.115	-0.521	-0.882	-1.151	-1.303	-1.332	-1.253	-1.090	-0.871
6091	60.90	-0.617	-0.346	-0.078	0.159	0.333	0.406	0.353	0.172	-0.105	-0.417
6101	61.00	-0.686	-0.866	-0.862	-0.746	-0.555	-0.367	-0.255	-0.251	-0.335	-0.439
6111	61.10	-0.472	-0.358	-0.067	0.364	0.845	1.257	1.493	1.493	1.256	0.843
6121	61.20	0.345	-0.142	-0.546	-0.829	-0.987	-1.040	-1.012	-0.927	-0.805	-0.661
6131	61.30	-0.513	-0.375	-0.257	-0.160	-0.080	-0.009	0.052	0.086	0.061	-0.057
6141	61.40	-0.287	-0.618	-1.003	-1.374	-1.658	-1.810	-1.826	-1.738	-1.602	-1.465
6151	61.50	-1.344	-1.221	-1.052	-0.793	-0.427	0.030	0.528	1.006	1.411	1.712
6161	61.60	1.905	1.997	1.994	1.897	1.705	1.432	1.109	0.790	0.537	0.394
6171	61.70	0.371	0.440	0.549	0.646	0.704	0.729	0.750	0.794	0.861	0.924
6181	61.80	0.938	0.869	0.720	0.537	0.384	0.308	0.301	0.290	0.166	-0.166
6191	61.90	-0.729	-1.447	-2.158	-2.675	-2.858	-2.670	-2.194	-1.592	-1.035	-0.634
6201	62.00	-0.404	-0.279	-0.158	0.032	0.298	0.586	0.821	0.950	0.985	0.989
6211	62.10	1.041	1.186	1.398	1.589	1.645	1.484	1.100	0.567	0.010	-0.457
6221	62.20	-0.769	-0.937	-1.015	-1.064	-1.107	-1.111	-1.010	-0.743	-0.296	0.282
6231	62.30	0.897	1.451	1.880	2.176	2.369	2.498	2.575	2.567	2.415	2.069
6241	62.40	1.522	0.831	0.096	-0.573	-1.096	-1.446	-1.640	-1.713	-1.683	-1.543
6251	62.50	-1.268	-0.850	-0.321	0.234	0.705	0.996	1.066	0.951	0.738	0.526
6261	62.60	0.379	0.296	0.223	0.091	-0.136	-0.435	-0.728	-0.924	-0.968	-0.874
6271	62.70	-0.719	-0.609	-0.622	-0.769	-0.988	-1.171	-1.223	-1.104	-0.847	-0.544
6281	62.80	-0.294	-0.159	-0.140	-0.190	-0.243	-0.257	-0.232	-0.208	-0.228	-0.309
6291	62.90	-0.422	-0.500	-0.478	-0.328	-0.083	0.172	0.332	0.322	0.134	-0.172
6301	63.00	-0.487	-0.705	-0.760	-0.655	-0.449	-0.229	-0.069	-0.005	-0.025	-0.088
6311	63.10	-0.146	-0.168	-0.149	-0.104	-0.049	0.007	0.070	0.156	0.269	0.399
6321	63.20	0.517	0.584	0.574	0.487	0.352	0.225	0.159	0.191	0.320	0.510
6331	63.30	0.705	0.854	0.927	0.928	0.887	0.836	0.793	0.744	0.666	0.448
6341	63.40	0.121	-0.322	-0.817	-1.267	-1.575	-1.679	-1.576	-1.326	-1.020	-0.746
6351	63.50	-0.550	-0.424	-0.313	-0.157	0.081	0.381	0.676	0.879	0.926	0.813
6361	63.60	0.602	0.397	0.296	0.347	0.521	0.722	0.836	0.782	0.556	0.241
6371	63.70	-0.027	-0.118	0.037	0.408	0.875	1.276	1.472	1.398	1.087	0.650
6381	63.80	0.228	-0.067	-0.190	-0.174	-0.103	-0.072	-0.144	-0.331	-0.603	-0.901
6391	63.90	-1.176	-1.396	-1.552	-1.639	-1.647	-1.550	-1.317	-0.931	-0.413	0.171
6401	64.00	0.723	1.138	1.342	1.314	1.093	0.760	0.405	0.099	-0.126	-0.277
6411	64.10	-0.383	-0.473	-0.560	-0.641	-0.699	-0.726	-0.723	-0.700	-0.668	-0.624
6421	64.20	-0.550	-0.416	-0.205	0.073	0.377	0.635	0.778	0.761	0.587	0.302
6431	64.30	-0.019	-0.306	-0.518	-0.651	-0.728	-0.776	-0.806	-0.802	-0.731	-0.569
6441	64.40	-0.318	-0.018	0.269	0.484	0.606	0.659	0.706	0.813	1.010	1.271
6451	64.50	1.515	1.636	1.555	1.251	0.782	0.260	-0.193	-0.491	-0.614	-0.604
6461	64.60	-0.542	-0.496	-0.499	-0.533	-0.553	-0.512	-0.395	-0.226	-0.057	0.063
6471	64.70	0.107	0.085	0.034	-0.008	-0.020	-0.014	-0.018	-0.059	-0.144	-0.251
6481	64.80	-0.345	-0.398	-0.409	-0.413	-0.459	-0.584	-0.783	-1.001	-1.152	-1.154
6491	64.90	-0.968	-0.621	-0.199	0.188	0.450	0.550	0.515	0.410	0.306	0.241

Table 7-14-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.204	0.148	0.021	-0.200	-0.487	-0.771	-0.964	-0.997	-0.849	-0.550
6511	65.10	-0.173	0.201	0.505	0.709	0.815	0.854	0.863	0.875	0.914	0.991
6521	65.20	1.104	1.244	1.390	1.510	1.570	1.541	1.409	1.185	0.904	0.621
6531	65.30	0.392	0.267	0.273	0.407	0.644	0.930	1.200	1.382	1.418	1.277
6541	65.40	0.967	0.541	0.088	-0.295	-0.532	-0.590	-0.495	-0.318	-0.144	-0.041
6551	65.50	-0.035	-0.110	-0.225	-0.341	-0.449	-0.567	-0.732	-0.965	-1.253	-1.548
6561	65.60	-1.781	-1.895	-1.871	-1.736	-1.542	-1.338	-1.145	-0.944	-0.700	-0.391
6571	65.70	-0.041	0.283	0.486	0.498	0.308	-0.017	-0.359	-0.595	-0.655	-0.547
6581	65.80	-0.355	-0.192	-0.145	-0.237	-0.419	-0.603	-0.712	-0.713	-0.630	-0.516
6591	65.90	-0.414	-0.325	-0.204	0.008	0.340	0.758	1.163	1.428	1.460	1.248
6601	66.00	0.879	0.501	0.263	0.241	0.408	0.642	0.784	0.712	0.396	-0.088
6611	66.10	-0.593	-0.961	-1.087	-0.957	-0.642	-0.258	0.079	0.296	0.376	0.351
6621	66.20	0.275	0.195	0.137	0.106	0.086	0.054	-0.007	-0.108	-0.240	-0.382
6631	66.30	-0.492	-0.528	-0.455	-0.271	-0.015	0.239	0.403	0.414	0.263	0.010
6641	66.40	-0.238	-0.372	-0.329	-0.125	0.145	0.351	0.390	0.235	-0.044	-0.310
6651	66.50	-0.421	-0.293	0.056	0.519	0.946	1.215	1.282	1.195	1.060	0.981
6661	66.60	1.004	1.098	1.172	1.130	0.921	0.571	0.172	-0.169	-0.378	-0.451
6671	66.70	-0.448	-0.457	-0.541	-0.703	-0.882	-0.991	-0.964	-0.795	-0.549	-0.327
6681	66.80	-0.224	-0.273	-0.434	-0.609	-0.694	-0.626	-0.410	-0.119	0.146	0.300
6691	66.90	0.314	0.213	0.061	-0.076	-0.163	-0.205	-0.230	-0.268	-0.324	-0.379
6701	67.00	-0.392	-0.334	-0.202	-0.022	0.156	0.291	0.362	0.380	0.375	0.376
6711	67.10	0.397	0.428	0.443	0.417	0.343	0.234	0.120	0.030	-0.019	-0.023
6721	67.20	0.009	0.070	0.160	0.282	0.435	0.600	0.739	0.805	0.763	0.608
6731	67.30	0.377	0.140	-0.032	-0.090	-0.038	0.073	0.166	0.171	0.056	-0.157
6741	67.40	-0.402	-0.601	-0.690	-0.649	-0.501	-0.299	-0.102	0.041	0.108	0.096
6751	67.50	0.019	-0.106	-0.256	-0.403	-0.514	-0.557	-0.511	-0.384	-0.214	-0.067
6761	67.60	-0.008	-0.076	-0.262	-0.504	-0.709	-0.788	-0.694	-0.443	-0.112	0.189
6771	67.70	0.364	0.360	0.189	-0.081	-0.359	-0.559	-0.633	-0.573	-0.407	-0.199
6781	67.80	0.072	0.322	0.554	0.753	0.899	0.965	0.930	0.784	0.548	0.265
6791	67.90	-0.008	-0.217	-0.328	-0.340	-0.278	-0.184	-0.099	-0.053	-0.057	-0.104
6801	68.00	-0.181	-0.271	-0.360	-0.429	-0.462	-0.437	-0.338	-0.158	0.089	0.367
6811	68.10	0.628	0.821	0.911	0.894	0.796	0.663	0.545	0.477	0.464	0.484
6821	68.20	0.496	0.463	0.364	0.205	0.017	-0.155	-0.272	-0.309	-0.263	-0.154
6831	68.30	-0.013	0.118	0.206	0.221	0.151	-0.003	-0.219	-0.458	-0.672	-0.815
6841	68.40	-0.860	-0.809	-0.697	-0.581	-0.523	-0.558	-0.686	-0.862	-1.013	-1.068
6851	68.50	-0.985	-0.770	-0.477	-0.187	0.023	0.103	0.051	-0.101	-0.297	-0.491
6861	68.60	-0.654	-0.786	-0.897	-0.993	-1.064	-1.082	-1.017	-0.851	-0.598	-0.300
6871	68.70	-0.015	0.206	0.341	0.403	0.432	0.472	0.550	0.657	0.759	0.810
6881	68.80	0.782	0.679	0.543	0.431	0.391	0.438	0.551	0.679	0.769	0.796
6891	68.90	0.770	0.732	0.730	0.792	0.908	1.033	1.108	1.087	0.965	0.776
6901	69.00	0.577	0.425	0.346	0.329	0.334	0.320	0.268	0.192	0.131	0.125
6911	69.10	0.189	0.301	0.412	0.466	0.433	0.324	0.187	0.084	0.059	0.118
6921	69.20	0.227	0.331	0.385	0.374	0.317	0.256	0.222	0.216	0.207	0.148
6931	69.30	0.001	-0.234	-0.513	-0.770	-0.944	-1.007	-0.984	-0.930	-0.907	-0.947
6941	69.40	-1.039	-1.129	-1.153	-1.068	-0.875	-0.614	-0.349	-0.135	0.002	0.072
6951	69.50	0.104	0.125	0.138	0.128	0.071	-0.044	-0.201	-0.358	-0.466	-0.491
6961	69.60	-0.439	-0.347	-0.274	-0.267	-0.345	-0.482	-0.626	-0.716	-0.706	-0.582
6971	69.70	-0.355	-0.055	0.287	0.642	0.982	1.279	1.498	1.608	1.591	1.454
6981	69.80	1.236	0.998	0.800	0.680	0.642	0.661	0.694	0.710	0.700	0.674
6991	69.90	0.650	0.632	0.595	0.496	0.293	-0.022	-0.410	-0.786	-1.048	-1.122

Table 7-14-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.991	-0.713	-0.393	-0.146	-0.044	-0.091	-0.225	-0.352	-0.390	-0.312
7011	70.10	-0.157	-0.001	0.074	0.035	-0.096	-0.242	-0.322	-0.290	-0.164	-0.022
7021	70.20	0.033	-0.069	-0.331	-0.673	-0.970	-1.104	-1.017	-0.743	-0.392	-0.099
7031	70.30	0.033	-0.021	-0.203	-0.406	-0.534	-0.542	-0.458	-0.359	-0.315	-0.350
7041	70.40	-0.422	-0.448	-0.357	-0.138	0.136	0.341	0.361	0.155	-0.206	-0.562
7051	70.50	-0.739	-0.629	-0.254	0.239	0.645	0.799	0.660	0.329	0.005	-0.124
7061	70.60	0.022	0.371	0.727	0.874	0.683	0.189	-0.421	-0.895	-1.036	-0.799
7071	70.70	-0.308	0.208	0.526	0.542	0.308	0.001	-0.185	-0.141	0.098	0.376
7081	70.80	0.509	0.386	0.040	-0.366	-0.619	-0.568	-0.203	0.334	0.816	1.042
7091	70.90	0.931	0.555	0.094	-0.254	-0.373	-0.272	-0.068	0.091	0.110	-0.007
7101	71.00	-0.164	-0.235	-0.138	0.117	0.435	0.687	0.783	0.713	0.554	0.415
7111	71.10	0.376	0.443	0.542	0.569	0.450	0.189	-0.127	-0.370	-0.435	-0.298
7121	71.20	-0.021	0.275	0.474	0.522	0.450	0.344	0.294	0.342	0.457	0.555
7131	71.30	0.551	0.413	0.186	-0.033	-0.139	-0.087	0.085	0.266	0.329	0.196
7141	71.40	-0.118	-0.508	-0.829	-0.964	-0.881	-0.654	-0.419	-0.312	-0.399	-0.649
7151	71.50	-0.945	-1.149	-1.164	-0.982	-0.688	-0.411	-0.268	-0.308	-0.494	-0.727
7161	71.60	-0.900	-0.944	-0.858	-0.697	-0.538	-0.436	-0.393	-0.367	-0.293	-0.122
7171	71.70	0.148	0.472	0.777	0.993	1.084	1.056	0.950	0.821	0.710	0.636
7181	71.80	0.593	0.562	0.522	0.459	0.367	0.248	0.110	-0.033	-0.153	-0.215
7191	71.90	-0.184	-0.044	0.187	0.456	0.682	0.788	0.736	0.540	0.270	0.020
7201	72.00	-0.131	-0.155	-0.082	0.015	0.062	0.027	-0.066	-0.145	-0.128	0.028
7211	72.10	0.300	0.604	0.828	0.882	0.743	0.455	0.116	-0.176	-0.363	-0.446
7221	72.20	-0.472	-0.498	-0.555	-0.631	-0.679	-0.652	-0.536	-0.370	-0.226	-0.182
7231	72.30	-0.272	-0.468	-0.690	-0.841	-0.856	-0.733	-0.532	-0.349	-0.264	-0.304
7241	72.40	-0.436	-0.582	-0.667	-0.656	-0.568	-0.461	-0.402	-0.420	-0.493	-0.558
7251	72.50	-0.544	-0.410	-0.169	0.119	0.378	0.552	0.635	0.667	0.715	0.828
7261	72.60	1.013	1.225	1.392	1.449	1.372	1.191	0.974	0.794	0.694	0.669
7271	72.70	0.671	0.639	0.531	0.347	0.125	-0.075	-0.208	-0.266	-0.277	-0.294
7281	72.80	-0.358	-0.475	-0.608	-0.690	-0.655	-0.471	-0.155	0.227	0.587	0.846
7291	72.90	0.962	0.936	0.803	0.614	0.406	0.200	-0.004	-0.211	-0.418	-0.606
7301	73.00	-0.745	-0.808	-0.787	-0.703	-0.597	-0.520	-0.504	-0.554	-0.637	-0.701
7311	73.10	-0.693	-0.585	-0.389	-0.155	0.047	0.155	0.136	0.003	-0.192	-0.379
7321	73.20	-0.497	-0.521	-0.466	-0.381	-0.324	-0.328	-0.388	-0.458	-0.474	-0.380
7331	73.30	-0.163	0.141	0.454	0.692	0.801	0.780	0.686	0.603	0.606	0.719
7341	73.40	0.904	1.072	1.130	1.019	0.750	0.397	0.073	-0.125	-0.155	-0.043
7351	73.50	0.130	0.276	0.342	0.332	0.307	0.343	0.490	0.734	1.002	1.187
7361	73.60	1.199	1.008	0.665	0.280	-0.020	-0.144	-0.069	0.149	0.408	0.597
7371	73.70	0.641	0.522	0.277	-0.027	-0.320	-0.554	-0.714	-0.813	-0.880	-0.942
7381	73.80	-1.020	-1.119	-1.233	-1.343	-1.424	-1.447	-1.391	-1.253	-1.051	-0.829
7391	73.90	-0.641	-0.529	-0.509	-0.559	-0.624	-0.640	-0.563	-0.391	-0.168	0.032
7401	74.00	0.139	0.117	-0.024	-0.229	-0.426	-0.558	-0.604	-0.583	-0.536	-0.502
7411	74.10	-0.495	-0.501	-0.488	-0.430	-0.321	-0.180	-0.037	0.091	0.208	0.345
7421	74.20	0.533	0.779	1.047	1.257	1.322	1.181	0.841	0.383	-0.061	-0.360
7431	74.30	-0.439	-0.312	-0.072	0.150	0.242	0.163	-0.039	-0.260	-0.387	-0.353
7441	74.40	-0.169	0.089	0.322	0.463	0.504	0.503	0.542	0.674	0.891	1.109
7451	74.50	1.210	1.098	0.748	0.230	-0.316	-0.732	-0.912	-0.838	-0.589	-0.292
7461	74.60	-0.072	0.009	-0.036	-0.132	-0.190	-0.155	-0.033	0.114	0.207	0.192
7471	74.70	0.073	-0.090	-0.205	-0.192	-0.019	0.282	0.632	0.940	1.137	1.205
7481	74.80	1.172	1.095	1.025	0.988	0.971	0.936	0.839	0.657	0.398	0.102
7491	74.90	-0.173	-0.372	-0.461	-0.435	-0.321	-0.161	-0.002	0.118	0.180	0.181

Table 7-14-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	0.135	0.064	-0.011	-0.074	-0.118	-0.142	-0.152	-0.157	-0.168	-0.199
7511	75.10	-0.260	-0.361	-0.500	-0.663	-0.823	-0.940	-0.975	-0.902	-0.718	-0.450
7521	75.20	-0.150	0.120	0.307	0.383	0.351	0.241	0.099	-0.030	-0.117	-0.154
7531	75.30	-0.148	-0.121	-0.096	-0.093	-0.125	-0.195	-0.298	-0.421	-0.540	-0.634
7541	75.40	-0.682	-0.680	-0.634	-0.566	-0.497	-0.437	-0.379	-0.303	-0.185	-0.022
7551	75.50	0.161	0.310	0.367	0.289	0.078	-0.212	-0.497	-0.691	-0.743	-0.657
7561	75.60	-0.490	-0.317	-0.199	-0.151	-0.145	-0.128	-0.060	0.061	0.190	0.262
7571	75.70	0.232	0.107	-0.051	-0.143	-0.085	0.145	0.492	0.840	1.062	1.080
7581	75.80	0.898	0.604	0.327	0.178	0.198	0.343	0.506	0.574	0.477	0.222
7591	75.90	-0.114	-0.423	-0.616	-0.659	-0.581	-0.449	-0.334	-0.273	-0.260	-0.257
7601	76.00	-0.216	-0.112	0.048	0.232	0.400	0.522	0.589	0.609	0.597	0.559
7611	76.10	0.494	0.398	0.272	0.133	0.007	-0.075	-0.096	-0.059	0.015	0.097
7621	76.20	0.166	0.219	0.264	0.313	0.366	0.403	0.395	0.318	0.169	-0.022
7631	76.30	-0.202	-0.318	-0.339	-0.279	-0.187	-0.125	-0.143	-0.245	-0.390	-0.507
7641	76.40	-0.532	-0.434	-0.238	-0.010	0.168	0.240	0.195	0.072	-0.059	-0.135
7651	76.50	-0.123	-0.037	0.076	0.160	0.175	0.116	0.007	-0.114	-0.215	-0.284
7661	76.60	-0.328	-0.360	-0.387	-0.397	-0.370	-0.287	-0.148	0.026	0.187	0.301
7671	76.70	0.343	0.316	0.251	0.187	0.153	0.163	0.212	0.289	0.387	0.507
7681	76.80	0.651	0.807	0.942	0.999	0.926	0.692	0.323	-0.110	-0.504	-0.768
7691	76.90	-0.864	-0.821	-0.723	-0.667	-0.709	-0.841	-0.987	-1.042	-0.926	-0.631
7701	77.00	-0.225	0.173	0.449	0.547	0.494	0.376	0.297	0.317	0.421	0.531
7711	77.10	0.547	0.410	0.138	-0.174	-0.394	-0.423	-0.241	0.073	0.379	0.535
7721	77.20	0.469	0.207	-0.137	-0.413	-0.505	-0.377	-0.087	0.248	0.502	0.597
7731	77.30	0.524	0.335	0.107	-0.092	-0.235	-0.327	-0.388	-0.432	-0.466	-0.405
7741	77.40	-0.287	-0.099	0.116	0.292	0.364	0.302	0.127	-0.097	-0.285	-0.369
7751	77.50	-0.324	-0.178	0.007	0.156	0.224	0.203	0.128	0.053	0.026	0.067
7761	77.60	0.156	0.248	0.293	0.262	0.162	0.037	-0.048	-0.037	0.093	0.321
7771	77.70	0.581	0.791	0.881	0.819	0.627	0.369	0.126	-0.039	-0.102	-0.087
7781	77.80	-0.051	-0.053	-0.128	-0.267	-0.427	-0.553	-0.608	-0.592	-0.540	-0.506
7791	77.90	-0.530	-0.619	-0.736	-0.823	-0.827	-0.732	-0.566	-0.389	-0.263	-0.222
7801	78.00	-0.249	-0.290	-0.278	-0.170	0.032	0.279	0.502	0.643	0.687	0.661
7811	78.10	0.622	0.616	0.654	0.698	0.684	0.557	0.305	-0.024	-0.338	-0.535
7821	78.20	-0.554	-0.400	-0.148	0.094	0.226	0.206	0.057	-0.141	-0.297	-0.351
7831	78.30	-0.299	-0.197	-0.124	-0.146	-0.281	-0.492	-0.702	-0.839	-0.862	-0.785
7841	78.40	-0.663	-0.569	-0.553	-0.622	-0.736	-0.832	-0.851	-0.767	-0.597	-0.388
7851	78.50	-0.193	-0.046	0.051	0.126	0.217	0.348	0.517	0.693	0.831	0.894
7861	78.60	0.868	0.768	0.627	0.479	0.347	0.235	0.136	0.046	-0.030	-0.072
7871	78.70	-0.056	0.026	0.161	0.309	0.417	0.447	0.392	0.282	0.179	0.143
7881	78.80	0.208	0.360	0.544	0.681	0.704	0.589	0.360	0.084	-0.163	-0.322
7891	78.90	-0.376	-0.346	-0.275	-0.203	-0.148	-0.096	-0.023	0.094	0.252	0.424
7901	79.00	0.568	0.650	0.658	0.613	0.551	0.506	0.487	0.472	0.419	0.287
7911	79.10	0.061	-0.234	-0.543	-0.800	-0.959	-1.011	-0.985	-0.931	-0.890	-0.872
7921	79.20	-0.852	-0.784	-0.629	-0.381	-0.074	0.224	0.444	0.544	0.529	0.444
7931	79.30	0.355	0.316	0.344	0.417	0.486	0.505	0.455	0.354	0.247	0.179
7941	79.40	0.174	0.216	0.260	0.256	0.174	0.019	-0.160	-0.299	-0.343	-0.272
7951	79.50	-0.107	0.100	0.289	0.417	0.476	0.487	0.487	0.504	0.544	0.586
7961	79.60	0.596	0.539	0.405	0.206	-0.021	-0.228	-0.378	-0.452	-0.454	-0.411
7971	79.70	-0.354	-0.315	-0.312	-0.346	-0.404	-0.457	-0.478	-0.443	-0.341	-0.184
7981	79.80	0.002	0.179	0.311	0.372	0.355	0.271	0.141	-0.017	-0.189	-0.373
7991	79.90	-0.568	-0.767	-0.954	-1.101	-1.178	-1.171	-1.085	-0.950	-0.801	-0.670

Table 7-14-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-0.563	-0.458	-0.324	-0.133	0.114	0.380	0.606	0.729	0.717	0.584
8011	80.10	0.388	0.206	0.102	0.100	0.173	0.260	0.301	0.261	0.154	0.031
8021	80.20	-0.045	-0.029	0.079	0.237	0.379	0.450	0.428	0.337	0.231	0.167
8031	80.30	0.177	0.252	0.347	0.407	0.388	0.282	0.118	-0.055	-0.188	-0.253
8041	80.40	-0.251	-0.210	-0.167	-0.147	-0.160	-0.196	-0.234	-0.252	-0.237	-0.186
8051	80.50	-0.106	-0.004	0.111	0.232	0.347	0.444	0.507	0.521	0.481	0.393
8061	80.60	0.275	0.153	0.052	-0.012	-0.031	-0.013	0.028	0.078	0.126	0.169
8071	80.70	0.213	0.268	0.343	0.444	0.564	0.686	0.785	0.832	0.805	0.697
8081	80.80	0.521	0.307	0.095	-0.083	-0.213	-0.305	-0.385	-0.482	-0.613	-0.764
8091	80.90	-0.898	-0.963	-0.915	-0.741	-0.469	-0.161	0.105	0.265	0.239	0.190
8101	81.00	0.015	-0.174	-0.327	-0.423	-0.474	-0.509	-0.563	-0.655	-0.780	-0.910
8111	81.10	-1.008	-1.042	-0.996	-0.872	-0.689	-0.471	-0.244	-0.024	0.177	0.356
8121	81.20	0.510	0.639	0.739	0.807	0.842	0.841	0.804	0.736	0.640	0:525
8131	81.30	0.400	0.275	0.156	0.050	-0.038	-0.102	-0.136	-0.133	-0.091	-0.019
8141	81.40	0.063	0.126	0.143	0.098	0.003	-0.107	-0.180	-0.169	-0.054	0.146
8151	81.50	0.371	0.545	0.603	0.520	0.322	0.076	-0.136	-0.252	-0.256	-0.182
8161	81.60	-0.095	-0.059	-0.106	-0.228	-0.378	-0.500	-0.550	-0.519	-0.429	-0.314
8171	81.70	-0.203	-0.103	-0.005	0.103	0.214	0.301	0.320	0.231	0.027	-0.256
8181	81.80	-0.555	-0.800	-0.950	-1.013	-1.038	-1.089	-1.206	-1.376	-1.534	-1.592
8191	81.90	-1.482	-1.194	-0.785	-0.362	-0.033	0.144	0.180	0.150	0.150	0.246
8201	82.00	0.460	0.668	0.833	0.856	0.718	0.475	0.231	0.090	0.109	0:270
8211	82.10	0.491	0.673	0.741	0.683	0.552	0.433	0.403	0.485	0.646	0:809
8221	82.20	0.896	0.866	0.737	0.572	0.452	0.435	0.528	0.685	0.829	0.883
8231	82.30	0.805	0.602	0.325	0.045	-0.167	-0.270	-0.258	-0.156	-0.008	0.138
8241	82.40	0.243	0.286	0.267	0.201	0.116	0.045	0.011	0.023	0.070	0.125
8251	82.50	0.159	0.149	0.095	0.021	-0.035	-0.037	0.028	0.142	0.259	0.319
8261	82.60	0.278	0.126	-0.102	-0.338	-0.508	-0.556	-0.472	-0.293	-0.089	0:065
8271	82.70	0.116	0.054	-0.090	-0.257	-0.386	-0.440	-0.415	-0.337	-0.252	-0.199
8281	82.80	-0.197	-0.242	-0.310	-0.371	-0.406	-0.411	-0.398	-0.388	-0.400	-0.437
8291	82.90	-0.493	-0.549	-0.585	-0.585	-0.545	-0.472	-0.378	-0.282	-0.197	-0.137
8301	83.00	-0.107	-0.109	-0.132	-0.159	-0.167	-0.132	-0.042	0.100	0.269	0.428
8311	83.10	0.543	0.592	0.580	0.534	0.494	0.488	0.524	0.581	0.619	0.601
8321	83.20	0.515	0.381	0.245	0.159	0.153	0.216	0.302	0.348	0.307	0.172
8331	83.30	-0.014	-0.175	-0.236	-0.158	0.044	0.304	0.532	0.651	0.629	0.483
8341	83.40	0.270	0.059	-0.103	-0.199	-0.245	-0.271	-0.301	-0.339	-0.371	-0:378
8351	83.50	-0.349	-0.290	-0.221	-0.165	-0.135	-0.126	-0.124	-0.109	-0.077	-0.038
8361	83.60	-0.013	-0.023	-0.074	-0.152	-0.233	-0.291	-0.316	-0.317	-0.316	-0.336
8371	83.70	-0.386	-0.453	-0.510	-0.526	-0.485	-0.392	-0.274	-0.169	-0.102	-0:082
8381	83.80	-0.096	-0.115	-0.113	-0.073	0.003	0.102	0.202	0.286	0.341	0.365
8391	83.90	0.357	0.325	0.278	0.233	0.210	0.228	0.295	0.404	0.526	0.625
8401	84.00	0.665	0.632	0.539	0.425	0.339	0.316	0.360	0.443	0.513	0.521
8411	84.10	0.441	0.287	0.107	-0.040	-0.104	-0.070	0.039	0.173	0.274	0.305
8421	84.20	0.258	0.151	0.019	-0.110	-0.226	-0.336	-0.457	-0.599	-0.753	-0.891
8431	84.30	-0.973	-0.968	-0.865	-0.683	-0.466	-0.267	-0.132	-0.079	-0.100	-0.165
8441	84.40	-0.236	-0.281	-0.291	-0.273	-0.252	-0.249	-0.280	-0.338	-0.403	-0:445
8451	84.50	-0.436	-0.361	-0.221	-0.038	0.157	0.329	0.448	0.497	0.471	0.378
8461	84.60	0.231	0.048	-0.154	-0.358	-0.547	-0.708	-0.828	-0.900	-0.923	-0.902
8471	84.70	-0.850	-0.778	-0.695	-0.598	-0.477	-0.320	-0.120	0.117	0.363	0.578
8481	84.80	0.716	0.747	0.668	0.510	0.329	0.191	0.141	0.189	0.304	0.424
8491	84.90	0.484	0.446	0.317	0.146	0.007	-0.032	0.054	0.238	0.451	0.609

Table 7-14-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.651	0.568	0.405	0.241	0.154	0.183	0.309	0.469	0.583	0.593
8511	85.10	0.494	0.333	0.185	0.117	0.152	0.258	0.362	0.389	0.301	0.116
8521	85.20	-0.094	-0.242	-0.267	-0.165	0.003	0.143	0.170	0.055	-0.164	-0.391
8531	85.30	-0.519	-0.479	-0.271	0.035	0.333	0.531	0.591	0.543	0.464	0.436
8541	85.40	0.499	0.624	0.733	0.731	0.559	0.229	-0.175	-0.531	-0.732	-0.731
8551	85.50	-0.562	-0.324	-0.130	-0.061	-0.130	-0.281	-0.424	-0.476	-0.401	-0.224
8561	85.60	-0.010	0.170	0.274	0.306	0.305	0.315	0.356	0.409	0.422	0.344
8571	85.70	0.152	-0.126	-0.418	-0.637	-0.720	-0.655	-0.486	-0.295	-0.165	-0.144
8581	85.80	-0.233	-0.385	-0.538	-0.637	-0.657	-0.606	-0.516	-0.416	-0.327	-0.250
8591	85.90	-0.180	-0.111	-0.050	-0.009	-0.002	-0.027	-0.069	-0.101	-0.095	-0.038
8601	86.00	0.064	0.186	0.301	0.385	0.432	0.449	0.445	0.429	0.400	0.351
8611	86.10	0.280	0.193	0.110	0.056	0.048	0.086	0.154	0.223	0.269	0.282
8621	86.20	0.272	0.255	0.246	0.241	0.220	0.152	0.022	-0.164	-0.368	-0.541
8631	86.30	-0.640	-0.657	-0.619	-0.584	-0.607	-0.715	-0.887	-1.060	-1.158	-1.127
8641	86.40	-0.965	-0.722	-0.484	-0.329	-0.293	-0.355	-0.441	-0.466	-0.369	-0.141
8651	86.50	0.169	0.482	0.721	0.848	0.873	0.847	0.825	0.843	0.896	0.949
8661	86.60	0.954	0.884	0.748	0.587	0.455	0.390	0.394	0.426	0.426	0.345
8671	86.70	0.166	-0.080	-0.329	-0.510	-0.576	-0.525	-0.395	-0.249	-0.141	-0.098
8681	86.80	-0.105	-0.120	-0.092	0.009	0.182	0.392	0.584	0.708	0.735	0.663
8691	86.90	0.519	0.339	0.159	0.000	-0.131	-0.237	-0.322	-0.386	-0.417	-0.405
8701	87.00	-0.341	-0.230	-0.090	0.050	0.162	0.225	0.240	0.223	0.202	0.205
8711	87.10	0.241	0.299	0.347	0.346	0.271	0.127	-0.051	-0.204	-0.274	-0.229
8721	87.20	-0.083	0.109	0.267	0.319	0.234	0.033	-0.214	-0.422	-0.521	-0.491
8731	87.30	-0.366	-0.216	-0.115	-0.105	-0.177	-0.278	-0.335	-0.297	-0.155	0.047
8741	87.40	0.235	0.334	0.305	0.158	-0.051	-0.249	-0.371	-0.389	-0.318	-0.201
8751	87.50	-0.089	-0.019	0.001	-0.015	-0.039	-0.053	-0.051	-0.049	-0.065	-0.116
8761	87.60	-0.198	-0.291	-0.362	-0.374	-0.308	-0.164	0.032	0.237	0.407	0.506
8771	87.70	0.521	0.467	0.380	0.304	0.275	0.308	0.394	0.499	0.583	0.610
8781	87.80	0.565	0.452	0.293	0.111	-0.074	-0.254	-0.422	-0.569	-0.676	-0.718
8791	87.90	-0.672	-0.540	-0.349	-0.157	-0.027	-0.003	-0.085	-0.227	-0.347	-0.369
8801	88.00	-0.256	-0.030	0.229	0.417	0.451	0.304	0.022	-0.295	-0.539	-0.631
8811	88.10	-0.560	-0.371	-0.147	0.038	0.150	0.205	0.252	0.339	0.480	0.645
8821	88.20	0.770	0.795	0.691	0.485	0.244	0.050	-0.040	-0.021	0.057	0.117
8831	88.30	0.090	-0.052	-0.279	-0.528	-0.724	-0.826	-0.837	-0.801	-0.772	-0.787
8841	88.40	-0.834	-0.863	-0.812	-0.640	-0.359	-0.037	0.229	0.351	0.296	0.101
8851	88.50	-0.141	-0.316	-0.346	-0.216	0.019	0.266	0.434	0.478	0.416	0.314
8861	88.60	0.246	0.255	0.330	0.416	0.445	0.376	0.224	0.052	-0.056	-0.037
8871	88.70	0.113	0.340	0.552	0.666	0.646	0.519	0.354	0.229	0.184	0.203
8881	88.80	0.220	0.160	-0.021	-0.306	-0.621	-0.867	-0.968	-0.905	-0.723	-0.512
8891	88.90	-0.362	-0.320	-0.374	-0.462	-0.505	-0.446	-0.278	-0.044	0.191	0.362
8901	89.00	0.437	0.424	0.357	0.277	0.215	0.182	0.172	0.178	0.193	0.217
8911	89.10	0.253	0.296	0.335	0.354	0.345	0.311	0.271	0.243	0.241	0.259
8921	89.20	0.278	0.275	0.239	0.179	0.125	0.105	0.130	0.184	0.222	0.197
8931	89.30	0.082	-0.108	-0.319	-0.479	-0.533	-0.466	-0.318	-0.161	-0.068	-0.079
8941	89.40	-0.176	-0.299	-0.372	-0.345	-0.216	-0.030	0.136	0.222	0.207	0.121
8951	89.50	0.030	0.002	0.071	0.227	0.416	0.571	0.640	0.612	0.515	0.398
8961	89.60	0.309	0.266	0.254	0.237	0.178	0.061	-0.098	-0.257	-0.366	-0.388
8971	89.70	-0.316	-0.176	-0.010	0.136	0.233	0.274	0.275	0.256	0.234	0.207
8981	89.80	0.157	0.064	-0.086	-0.283	-0.497	-0.678	-0.782	-0.785	-0.696	-0.556
8991	89.90	-0.419	-0.333	-0.320	-0.366	-0.428	-0.459	-0.432	-0.350	-0.247	-0.172

Table 7-14-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	-0.156	-0.197	-0.253	-0.262	-0.171	0.033	0.313	0.588	0.772	0.808
9011	90.10	0.695	0.491	0.287	0.167	0.168	0.272	0.409	0.496	0.476	0.338
9021	90.20	0.124	-0.097	-0.261	-0.337	-0.336	-0.298	-0.266	-0.268	-0.297	-0.327
9031	90.30	-0.329	-0.291	-0.226	-0.167	-0.149	-0.189	-0.277	-0.375	-0.439	-0.439
9041	90.40	-0.368	-0.252	-0.129	-0.037	0.006	0.005	-0.009	-0.001	0.059	0.181
9051	90.50	0.349	0.530	0.684	0.776	0.790	0.732	0.631	0.529	0.466	0.464
9061	90.60	0.516	0.589	0.631	0.595	0.459	0.239	-0.010	-0.215	-0.314	-0.279
9071	90.70	-0.128	0.077	0.262	0.366	0.367	0.284	0.162	0.066	-0.044	-0.118
9081	90.80	-0.207	-0.337	-0.509	-0.688	-0.819	-0.849	-0.761	-0.584	-0.385	-0.237
9091	90.90	-0.190	-0.239	-0.331	-0.387	-0.345	-0.189	0.040	0.260	0.387	0.375
9101	91.00	0.240	0.049	-0.106	-0.153	-0.071	0.101	0.285	0.402	0.406	0.310
9111	91.10	0.171	0.062	0.038	0.106	0.225	0.326	0.347	0.263	0.101	-0.073
9121	91.20	-0.185	-0.187	-0.077	0.095	0.248	0.312	0.246	0.066	-0.173	-0.395
9131	91.30	-0.535	-0.565	-0.499	-0.381	-0.263	-0.182	-0.146	-0.139	-0.133	-0.109
9141	91.40	-0.064	-0.016	0.009	-0.008	-0.065	-0.138	-0.191	-0.193	-0.132	-0.022
9151	91.50	0.102	0.198	0.239	0.220	0.160	0.093	0.052	0.052	0.084	0.124
9161	91.60	0.140	0.112	0.036	-0.070	-0.174	-0.241	-0.249	-0.189	-0.072	0.077
9171	91.70	0.227	0.344	0.403	0.389	0.300	0.149	-0.038	-0.227	-0.385	-0.489
9181	91.80	-0.532	-0.525	-0.491	-0.455	-0.438	-0.442	-0.456	-0.461	-0.438	-0.384
9191	91.90	-0.306	-0.228	-0.175	-0.164	-0.197	-0.261	-0.333	-0.387	-0.404	-0.378
9201	92.00	-0.312	-0.217	-0.105	0.012	0.125	0.225	0.306	0.361	0.388	0.389
9211	92.10	0.372	0.345	0.316	0.288	0.259	0.226	0.185	0.140	0.095	0.058
9221	92.20	0.034	0.019	0.006	-0.013	-0.041	-0.069	-0.079	-0.052	0.020	0.130
9231	92.30	0.248	0.337	0.364	0.316	0.211	0.089	0.001	-0.013	0.058	0.191
9241	92.40	0.342	0.458	0.503	0.469	0.380	0.275	0.176	0.166	0.185	0.229
9251	92.50	0.269	0.282	0.259	0.211	0.159	0.125	0.116	0.129	0.146	0.148
9261	92.60	0.125	0.077	0.022	-0.022	-0.035	-0.013	0.033	0.082	0.114	0.116
9271	92.70	0.094	0.070	0.072	0.122	0.220	0.342	0.447	0.490	0.445	0.315
9281	92.80	0.139	-0.029	-0.135	-0.157	-0.107	-0.031	0.016	-0.002	-0.087	-0.199
9291	92.90	-0.278	-0.275	-0.172	-0.001	0.175	0.286	0.291	0.196	0.051	-0.076
9301	93.00	-0.129	-0.096	-0.010	0.072	0.092	0.031	-0.089	-0.211	-0.279	-0.261
9311	93.10	-0.174	-0.071	-0.012	-0.039	-0.149	-0.297	-0.422	-0.475	-0.444	-0.362
9321	93.20	-0.286	-0.267	-0.324	-0.434	-0.543	-0.595	-0.558	-0.443	-0.295	-0.171
9331	93.30	-0.117	-0.143	-0.223	-0.310	-0.356	-0.336	-0.251	-0.126	0.004	0.109
9341	93.40	0.173	0.196	0.182	0.141	0.078	-0.001	-0.088	-0.169	-0.227	-0.247
9351	93.50	-0.221	-0.151	-0.048	0.071	0.192	0.303	0.397	0.466	0.503	0.499
9361	93.60	0.452	0.369	0.269	0.180	0.129	0.129	0.176	0.245	0.301	0.315
9371	93.70	0.276	0.193	0.094	0.010	-0.037	-0.045	-0.034	-0.032	-0.062	-0.137
9381	93.80	-0.246	-0.367	-0.471	-0.540	-0.567	-0.560	-0.535	-0.503	-0.466	-0.419
9391	93.90	-0.349	-0.252	-0.132	-0.011	0.087	0.138	0.135	0.090	0.033	0.000
9401	94.00	0.018	0.091	0.199	0.305	0.368	0.363	0.289	0.170	0.044	-0.057
9411	94.10	-0.123	-0.164	-0.209	-0.283	-0.387	-0.496	-0.560	-0.532	-0.387	-0.145
9421	94.20	0.135	0.373	0.505	0.506	0.404	0.265	0.163	0.140	0.190	0.259
9431	94.30	0.275	0.189	0.004	-0.220	-0.392	-0.431	-0.313	-0.084	0.150	0.275
9441	94.40	0.220	-0.007	-0.314	-0.561	-0.624	-0.447	-0.069	0.393	0.788	1.000
9451	94.50	0.993	0.813	0.567	0.367	0.275	0.289	0.346	0.366	0.298	0.144
9461	94.60	-0.037	-0.165	-0.182	-0.083	0.082	0.228	0.278	0.205	0.043	-0.131
9471	94.70	-0.231	-0.209	-0.071	0.119	0.276	0.331	0.261	0.099	-0.086	-0.223
9481	94.80	-0.273	-0.241	-0.169	-0.112	-0.105	-0.149	-0.210	-0.241	-0.200	-0.079
9491	94.90	0.097	0.278	0.413	0.469	0.442	0.357	0.252	0.166	0.120	0.118

Table 7-14-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1206 S104-GR-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -24.441 (GAL) T= 22.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	0.143	0.171	0.178	0.149	0.082	-0.012	-0.112	-0.195	-0.243	-0.251
9511	95.10	-0.227	-0.191	-0.167	-0.174	-0.212	-0.264	-0.302	-0.301	-0.253	-0.170
9521	95.20	-0.086	-0.039	-0.051	-0.123	-0.226	-0.319	-0.370	-0.367	-0.327	-0.283
9531	95.30	-0.268	-0.294	-0.348	-0.394	-0.400	-0.351	-0.264	-0.174	-0.119	-0.117
9541	95.40	-0.150	-0.175	-0.145	-0.036	0.138	0.329	0.474	0.532	0.503	0.432
9551	95.50	0.385	0.418	0.541	0.713	0.854	0.883	0.758	0.495	0.169	-0.126
9561	95.60	-0.311	-0.358	-0.298	-0.198	-0.131	-0.136	-0.204	-0.287	-0.329	-0.291
9571	95.70	-0.179	-0.037	0.076	0.116	0.074	-0.021	-0.117	-0.173	-0.171	-0.133
9581	95.80	-0.099	-0.105	-0.163	-0.248	-0.315	-0.322	-0.252	-0.131	-0.012	0.045
9591	95.90	0.006	-0.119	-0.276	-0.388	-0.394	-0.269	-0.041	0.220	0.437	0.551
9601	96.00	0.547	0.455	0.333	0.236	0.198	0.218	0.266	0.304	0.305	0.263
9611	96.10	0.197	0.134	0.098	0.097	0.120	0.143	0.145	0.113	0.051	-0.026
9621	96.20	-0.092	-0.126	-0.112	-0.048	0.056	0.175	0.273	0.311	0.260	0.107
9631	96.30	-0.128	-0.396	-0.629	-0.762	-0.756	-0.619	-0.405	-0.192	-0.058	-0.062
9641	96.40	-0.134	-0.276	-0.392	-0.423	-0.351	-0.207	-0.056	0.042	0.055	-0.002
9651	96.50	-0.078	-0.120	-0.095	-0.015	0.072	0.109	0.062	-0.061	-0.208	-0.308
9661	96.60	-0.310	-0.206	-0.037	0.122	0.203	0.176	0.062	-0.075	-0.165	-0.162
9671	96.70	-0.067	0.073	0.193	0.243	0.209	0.123	0.037	-0.001	0.025	0.093
9681	96.80	0.157	0.172	0.123	0.030	-0.057	-0.087	-0.033	0.088	0.223	0.305
9691	96.90	0.286	0.158	-0.042	-0.244	-0.378	-0.400	-0.311	-0.153	0.014	0.136
9701	97.00	0.191	0.193	0.180	0.193	0.253	0.346	0.428	0.449	0.375	0.210
9711	97.10	0.002	-0.174	-0.243	-0.167	0.037	0.302	0.529	0.632	0.569	0.362
9721	97.20	0.086	-0.160	-0.297	-0.298	-0.197	-0.069	0.005	-0.021	-0.138	-0.288
9731	97.30	-0.394	-0.402	-0.308	-0.159	-0.034	0.003	-0.069	-0.212	-0.347	-0.392
9741	97.40	-0.305	-0.103	0.140	0.332	0.399	0.324	0.148	-0.052	-0.199	-0.254
9751	97.50	-0.229	-0.175	-0.151	-0.186	-0.268	-0.346	-0.359	-0.268	-0.079	0.160
9761	97.60	0.378	0.518	0.554	0.508	0.425	0.356	0.326	0.327	0.326	0.287
9771	97.70	0.191	0.050	-0.102	-0.220	-0.275	-0.264	-0.209	-0.148	-0.112	-0.131
9781	97.80	-0.135	-0.159	-0.156	-0.113	-0.034	0.057	0.135	0.177	0.173	0.129
9791	97.90	0.061	-0.010	-0.064	-0.086	-0.070	-0.020	0.053	0.130	0.194	0.227
9801	98.00	0.226	0.197	0.155	0.119	0.102	0.104	0.115	0.119	0.105	0.073
9811	98.10	0.035	0.010	0.012	0.041	0.081	0.107	0.099	0.057	0.001	-0.035
9821	98.20	-0.020	0.053	0.162	0.256	0.280	0.199	0.017	-0.218	-0.430	-0.547
9831	98.30	-0.529	-0.384	-0.169	0.042	0.180	0.215	0.160	0.059	-0.035	-0.085
9841	98.40	-0.090	-0.075	-0.073	-0.106	-0.167	-0.224	-0.237	-0.180	-0.058	0.093
9851	98.50	0.218	0.273	0.248	0.169	0.092	0.072	0.141	0.284	0.452	0.578
9861	98.60	0.608	0.532	0.379	0.212	0.095	0.065	0.114	0.202	0.270	0.274
9871	98.70	0.204	0.085	-0.035	-0.113	-0.132	-0.107	-0.076	-0.077	-0.128	-0.216
9881	98.80	-0.303	-0.346	-0.325	-0.250	-0.163	-0.117	-0.144	-0.242	-0.364	-0.443
9891	98.90	-0.420	-0.272	-0.030	0.233	0.426	0.482	0.382	0.169	-0.074	-0.256
9901	99.00	-0.310	-0.225	-0.041	0.167	0.324	0.379	0.325	0.194	0.035	-0.106
9911	99.10	-0.210	-0.280	-0.339	-0.404	-0.478	-0.544	-0.576	-0.555	-0.481	-0.384
9921	99.20	-0.308	-0.295	-0.361	-0.487	-0.626	-0.720	-0.727	-0.640	-0.496	-0.354
9931	99.30	-0.276	-0.295	-0.400	-0.542	-0.650	-0.666	-0.564	-0.365	-0.122	0.097

Table 7-15-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) Y= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	2.856	3.103	2.772	1.942	0.876	-0.058	-0.518	-0.316	0.512	1.718
11	0.10	2.927	3.772	4.010	3.599	2.687	1.545	0.466	-0.334	-0.766	-0.873
21	0.20	-0.781	-0.637	-0.548	-0.554	-0.627	-0.718	-0.768	-0.768	-0.747	-0.759
31	0.30	-0.845	-1.007	-1.185	-1.282	-1.208	-0.927	-0.504	-0.095	0.093	-0.108
41	0.40	-0.750	-1.717	-2.747	-3.518	-3.769	-3.414	-2.588	-1.600	-0.815	-0.497
51	0.50	-0.694	-1.219	-1.727	-1.870	-1.455	-0.535	0.614	1.605	2.114	2.010
61	0.60	1.399	0.566	-0.170	-0.587	-0.649	-0.482	-0.281	-0.192	-0.236	-0.309
71	0.70	-0.263	-0.016	0.384	0.762	0.908	0.699	0.187	-0.400	-0.748	-0.612
81	0.80	0.059	1.073	2.070	2.675	2.668	2.085	1.201	0.401	0.000	0.100
91	0.90	0.546	1.006	1.130	0.718	-0.185	-1.317	-2.310	-2.854	-2.820	-2.297
101	1.00	-1.530	-0.798	-0.286	-0.026	0.099	0.277	0.663	1.305	2.123	2.938
111	1.10	3.536	3.734	3.426	2.600	1.340	-0.165	-1.732	-3.017	-3.757	-3.741
121	1.20	-2.912	-1.413	0.411	2.094	3.185	3.398	2.730	1.473	0.125	-0.788
131	1.30	-0.906	-0.178	1.113	2.455	3.295	3.254	2.271	0.632	-1.138	-2.472
141	1.40	-2.969	-2.536	-1.410	-0.056	1.023	1.470	1.204	0.422	-0.502	-1.191
151	1.50	-1.424	-1.216	-0.791	-0.459	-0.456	-0.821	-1.369	-1.781	-1.750	-1.147
161	1.60	-0.101	1.040	1.849	2.012	1.478	0.504	-0.440	-0.873	-0.510	0.589
171	1.70	2.011	3.135	3.361	2.347	0.153	-2.754	-5.646	-7.764	-8.559	-7.846
181	1.80	-5.842	-3.069	-0.176	2.262	3.894	4.649	4.702	4.358	3.914	3.549
191	1.90	3.276	2.970	2.451	1.588	0.371	-1.073	-2.533	-3.796	-4.727	-5.305
201	2.00	-5.585	-5.632	-5.433	-4.880	-3.811	-2.125	0.103	2.557	4.734	6.100
211	2.10	6.293	5.293	3.460	1.422	-0.163	-0.852	-0.567	0.315	1.325	1.951
221	2.20	1.951	1.413	0.676	0.126	-0.007	0.244	0.629	0.851	0.755	0.445
231	2.30	0.236	0.483	1.354	2.681	3.978	4.620	4.126	2.389	-0.232	-3.035
241	2.40	-5.233	-6.254	-5.942	-4.582	-2.744	-1.034	0.128	0.623	0.601	0.337
251	2.50	0.075	-0.080	-0.161	-0.270	-0.475	-0.748	-0.970	-0.997	-0.738	-0.210
261	2.60	0.468	1.123	1.595	1.789	1.689	1.334	0.799	0.175	-0.424	-0.863
271	2.70	-0.990	-0.689	0.061	1.138	2.272	3.116	3.359	2.852	1.680	0.145
281	2.80	-1.337	-2.384	-2.787	-2.567	-1.940	-1.220	-0.686	-0.491	-0.640	-1.026
291	2.90	-1.501	-1.937	-2.251	-2.404	-2.378	-2.169	-1.796	-1.324	-0.865	-0.547
301	3.00	-0.453	-0.560	-0.716	-0.685	-0.257	0.640	1.860	3.064	3.842	3.885
311	3.10	3.132	1.822	0.403	-0.649	-1.031	-0.741	-0.064	0.572	0.797	0.478
321	3.20	-0.233	-0.973	-1.347	-1.111	-0.268	0.944	2.176	3.125	3.639	3.742
331	3.30	3.561	3.221	2.765	2.143	1.260	0.066	-1.391	-2.958	-4.432	-5.626
341	3.40	-6.418	-6.748	-6.586	-5.899	-4.661	-2.905	-0.793	1.352	3.099	4.044
351	3.50	3.978	3.008	1.561	0.234	-0.434	-0.182	0.862	2.252	3.427	3.965
361	3.60	3.756	3.019	2.155	1.521	1.244	1.166	0.953	0.293	-0.911	-2.468
371	3.70	-3.969	-4.977	-5.214	-4.663	-3.535	-2.134	-0.693	0.702	2.089	3.502
381	3.80	4.852	5.883	6.246	5.666	4.104	1.829	-0.657	-2.803	-4.223	-4.816
391	3.90	-4.746	-4.308	-3.732	-3.077	-2.232	-1.057	0.445	2.034	3.270	3.699
401	4.00	3.086	1.585	-0.268	-1.738	-2.184	-1.331	0.608	3.010	5.088	6.192
411	4.10	6.039	4.778	2.884	0.943	-0.564	-1.396	-1.569	-1.269	-0.733	-0.161
421	4.20	0.316	0.615	0.666	0.391	-0.267	-1.297	-2.579	-3.875	-4.892	-5.366
431	4.30	-5.161	-4.331	-3.111	-1.853	-0.902	-0.487	-0.632	-1.155	-1.732	-2.017
441	4.40	-1.779	-0.997	0.127	1.240	1.985	2.149	1.770	1.116	0.581	0.495
451	4.50	0.974	1.850	2.749	3.266	3.172	2.548	1.755	1.278	1.471	2.362
461	4.60	3.594	4.548	4.615	3.468	1.234	-1.536	-4.081	-5.730	-6.163	-5.513
471	4.70	-4.269	-3.037	-2.272	-2.104	-2.322	-2.516	-2.301	-1.502	-0.248	1.092
481	4.80	2.058	2.290	1.665	0.345	-1.291	-2.778	-3.718	-3.902	-3.363	-2.352
491	4.90	-1.233	-0.351	0.101	0.148	0.028	0.086	0.618	1.724	3.234	4.755

Table 7-15-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) Y= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	5.819	6.079	5.463	4.213	2.784	1.669	1.095	1.117	1.448	1.719
511	5.10	1.613	1.085	0.296	-0.461	-0.931	-1.033	-0.883	-0.736	-0.793	-1.136
521	5.20	-1.670	-2.197	-2.533	-2.603	-2.448	-2.164	-1.806	-1.334	-0.649	0.303
531	5.30	1.423	2.430	2.949	2.679	1.568	-0.118	-1.880	-3.189	-3.716	-3.650
541	5.40	-2.660	-1.709	-0.836	-0.029	0.923	2.239	3.919	5.641	6.845	7.002
551	5.50	5.913	3.875	1.597	-0.111	-0.723	-0.273	0.654	1.211	0.724	-0.957
561	5.60	-3.366	-5.651	-7.001	-7.053	-6.047	-4.675	-3.685	-3.467	-3.855	-4.240
571	5.70	-3.943	-2.636	-0.572	1.508	2.752	2.660	1.374	-0.358	-1.551	-1.482
581	5.80	-0.076	2.042	3.846	4.419	3.413	1.222	-1.208	-2.832	-2.998	-1.720
591	5.90	0.377	2.397	3.615	3.786	3.191	2.412	1.980	2.100	2.572	2.954
601	6.00	2.833	2.070	0.875	-0.322	-1.095	-1.248	-0.881	-0.313	0.119	0.233
611	6.10	0.076	-0.149	-0.242	-0.150	-0.015	-0.084	-0.560	-1.452	-2.541	-3.466
621	6.20	-3.890	-3.666	-2.903	-1.913	-1.053	-0.567	-0.482	-0.624	-0.731	-0.595
631	6.30	-0.169	0.416	0.931	1.162	1.016	0.567	0.020	-0.373	-0.414	-0.020
641	6.40	0.749	1.727	2.697	3.458	3.875	3.908	3.610	3.104	2.537	2.033
651	6.50	1.657	1.402	1.205	0.988	0.698	0.336	-0.056	-0.427	-0.758	-1.085
661	6.60	-1.478	-1.988	-2.593	-3.170	-3.526	-3.476	-2.942	-2.006	-0.909	0.043
671	6.70	0.589	0.623	0.222	-0.406	-1.027	-1.485	-1.756	-1.912	-2.041	-2.154
681	6.80	-2.159	-1.898	-1.246	-0.217	1.008	2.125	2.834	2.973	2.599	1.963
691	6.90	1.409	1.218	1.501	2.159	2.943	3.567	3.821	3.629	3.048	2.214
701	7.00	1.283	0.386	-0.383	-0.965	-1.333	-1.507	-1.565	-1.632	-1.838	-2.246
711	7.10	-2.794	-3.283	-3.452	-3.102	-2.219	-1.035	0.045	0.596	0.382	-0.519
721	7.20	-1.722	-2.690	-2.980	-2.448	-1.326	-0.115	0.645	0.634	-0.104	-1.184
731	7.30	-2.064	-2.296	-1.720	-0.509	0.936	2.176	2.922	3.114	2.883	2.439
741	7.40	1.952	1.503	1.110	0.793	0.615	0.656	0.942	1.367	1.688	1.622
751	7.50	1.008	-0.062	-1.213	-1.927	-1.781	-0.690	0.991	2.575	3.336	2.847
761	7.60	1.205	-0.976	-2.828	-3.619	-3.095	-1.594	0.117	1.206	1.177	0.092
771	7.70	-1.473	-2.723	-3.036	-2.268	-0.806	0.635	1.370	1.082	-0.034	-1.369
781	7.80	-2.200	-2.028	-0.789	1.129	3.092	4.501	5.033	4.728	3.902	2.954
791	7.90	2.176	1.652	1.281	0.893	0.372	-0.281	-0.975	-1.602	-2.124	-2.588
801	8.00	-3.079	-3.629	-4.143	-4.407	-4.173	-3.289	-1.820	-0.072	1.491	2.417
811	8.10	2.436	1.582	0.179	-1.280	-2.315	-2.634	-2.222	-1.319	-0.301	0.469
821	8.20	0.774	0.602	0.120	-0.407	-0.727	-0.679	-0.246	0.461	1.243	1.878
831	8.30	2.192	2.106	1.664	1.021	0.397	0.005	-0.024	0.305	0.850	1.385
841	8.40	1.696	1.674	1.368	0.968	0.716	0.785	1.182	1.729	2.135	2.126
851	8.50	1.582	0.608	-0.502	-1.384	-1.765	-1.577	-0.973	-0.244	0.325	0.580
861	8.60	0.547	0.377	0.239	0.205	0.210	0.103	-0.246	-0.841	-1.530	-2.067
871	8.70	-2.238	-1.976	-1.403	-0.767	-0.307	-0.125	-0.161	-0.157	0.004	0.362
881	8.80	0.745	0.874	0.537	-0.253	-1.209	-1.883	-1.899	-1.180	-0.045	0.894
891	8.90	1.010	-0.023	-2.022	-4.331	-6.071	-6.518	-5.414	-3.071	-0.213	2.352
901	9.00	4.072	4.837	4.933	4.806	4.780	4.874	4.834	4.319	3.158	1.501
911	9.10	-0.215	-1.469	-1.923	-1.599	-0.874	-0.281	-0.233	-0.815	-1.749	-2.551
921	9.20	-2.792	-2.324	-1.343	-0.279	0.445	0.630	0.384	0.039	-0.058	0.247
931	9.30	0.820	1.314	1.359	0.778	-0.308	-1.521	-2.404	-2.636	-2.175	-1.258
941	9.40	-0.277	0.405	0.610	0.375	-0.103	-0.604	-0.988	-1.237	-1.403	-1.532
951	9.50	-1.594	-1.480	-1.065	-0.290	0.772	1.923	2.909	3.511	3.627	3.290
961	9.60	2.637	1.833	1.014	0.251	-0.632	-1.033	-1.540	-1.927	-2.168	-2.254
971	9.70	-2.197	-2.011	-1.692	-1.203	-0.491	0.470	1.633	2.856	3.924	4.611
981	9.80	4.762	4.349	3.485	2.375	1.250	0.281	-0.450	-0.956	-1.307	-1.585
991	9.90	-1.853	-2.148	-2.477	-2.824	-3.141	-3.341	-3.295	-2.869	-1.982	-0.664

Table 7-15-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.901	2.406	3.512	3.967	3.719	2.946	1.992	1.229	0.893	0.984
1011	10.10	1.260	1.359	0.966	-0.021	-1.426	-2.861	-3.878	-4.164	-3.672	-2.633
1021	10.20	-1.454	-0.534	-0.106	-0.155	-0.457	-0.706	-0.669	-0.286	0.323	0.940
1031	10.30	1.370	1.540	1.514	1.438	1.434	1.518	1.585	1.469	1.045	0.322
1041	10.40	-0.546	-1.328	-1.827	-1.991	-1.935	-1.876	-1.998	-2.325	-2.676	-2.735
1051	10.50	-2.211	-1.013	0.652	2.331	3.493	3.762	3.089	1.790	0.413	-0.496
1061	10.60	-0.628	-0.030	0.936	1.777	2.103	1.791	1.020	0.153	-0.451	-0.607
1071	10.70	-0.372	0.012	0.264	0.209	-0.142	-0.619	-0.994	-1.104	-0.921	-0.550
1081	10.80	-0.161	0.099	0.160	0.060	-0.197	-0.478	-0.747	-0.957	-1.045	-0.930
1091	10.90	-0.541	0.125	0.967	1.773	2.292	2.338	1.887	1.106	0.293	-0.250
1101	11.00	-0.355	-0.067	0.385	0.700	0.649	0.178	-0.582	-1.394	-2.042	-2.419
1111	11.10	-2.545	-2.505	-2.355	-2.063	-1.529	-0.669	0.474	1.681	2.607	2.920
1121	11.20	2.466	1.366	-0.003	-1.162	-1.728	-1.586	-0.927	-0.148	0.346	0.326
1131	11.30	-0.161	-0.841	-1.364	-1.483	-1.165	-0.590	-0.040	0.258	0.240	0.025
1141	11.40	-0.171	-0.158	0.109	0.509	0.818	0.825	0.460	-0.154	-0.733	-0.938
1151	11.50	-0.516	0.586	2.172	3.844	5.109	5.562	4.925	3.341	1.167	-1.021
1161	11.60	-2.628	-3.234	-2.739	-1.400	0.260	1.653	2.348	2.232	1.530	0.681
1171	11.70	0.129	0.116	0.572	1.184	1.549	1.379	0.637	-0.475	-1.638	-2.592
1181	11.80	-3.263	-3.758	-4.258	-4.654	-5.443	-5.749	-5.466	-4.449	-2.842	-1.062
1191	11.90	0.362	1.031	0.856	0.109	-0.711	-1.114	-0.837	0.057	1.237	2.295
1201	12.00	2.937	3.091	2.889	2.531	2.157	1.774	1.303	0.691	0.008	-0.544
1211	12.10	-0.728	-0.423	0.272	1.054	1.558	1.562	1.123	0.574	0.347	0.725
1221	12.20	1.656	2.730	3.368	3.116	1.902	0.109	-1.585	-2.531	-2.427	-1.471
1231	12.30	-0.263	0.499	0.376	-0.597	-1.931	-2.935	-3.070	-2.216	-0.719	0.786
1241	12.40	1.699	1.735	1.035	0.057	-0.684	-0.872	-0.528	0.047	0.469	0.488
1251	12.50	0.116	-0.400	-0.738	-0.681	-0.231	0.408	0.960	1.234	1.222	1.081
1261	12.60	1.025	1.188	1.533	1.873	1.968	1.655	0.933	-0.042	-1.043	-1.884
1271	12.70	-2.499	-2.946	-3.331	-3.716	-4.049	-4.173	-3.911	-3.167	-2.018	-0.710
1281	12.80	0.410	1.040	1.043	0.545	-0.139	-0.574	-0.399	0.526	2.036	3.690
1291	12.90	4.914	5.206	4.329	2.431	0.021	-2.193	-3.548	-3.673	-2.629	-0.885
1301	13.00	0.869	1.998	2.168	1.470	0.349	-0.615	-0.970	-0.594	0.269	1.146
1311	13.10	1.575	1.327	0.507	-0.502	-1.238	-1.372	-0.853	0.093	1.092	1.807
1321	13.20	2.088	2.003	1.763	1.582	1.551	1.596	1.540	1.208	0.542	-0.362
1331	13.30	-1.288	-2.001	-2.341	-2.278	-1.901	-1.365	-0.820	-0.373	-0.083	0.020
1341	13.40	-0.086	-0.404	-0.903	-1.486	-1.990	-2.229	-2.053	-1.411	-0.386	0.833
1351	13.50	2.008	2.930	3.473	3.609	3.382	2.865	2.131	1.241	0.264	-0.705
1361	13.60	-1.542	-2.115	-2.332	-2.178	-1.737	-1.169	-0.655	-0.331	-0.237	-0.295
1371	13.70	-0.349	-0.228	0.173	0.822	1.534	2.015	1.955	1.162	-0.329	-2.211
1381	13.80	-3.966	-5.019	-4.954	-3.696	-1.583	0.716	2.434	2.996	2.254	0.558
1391	13.90	-1.384	-2.786	-3.111	-2.280	-0.682	1.021	2.194	2.504	2.026	1.161
1401	14.00	0.401	0.082	0.248	0.677	1.057	1.189	1.111	1.067	1.345	2.078
1411	14.10	3.123	4.094	4.532	4.132	2.894	1.135	-0.655	-2.032	-2.772	-2.929
1421	14.20	-2.751	-2.510	-2.361	-2.288	-2.165	-1.880	-1.440	-0.983	-0.698	-0.699
1431	14.30	-0.938	-1.210	-1.263	-0.940	-0.283	0.477	1.032	1.167	0.874	0.363
1441	14.40	-0.044	-0.084	0.311	0.992	1.677	2.113	2.209	2.069	1.916	1.939
1451	14.50	2.165	2.424	2.437	1.981	1.030	-0.185	-1.260	-1.787	-1.547	-0.612
1461	14.60	0.673	1.829	2.438	2.290	1.447	0.181	-1.145	-2.223	-2.889	-3.136
1471	14.70	-3.073	-2.856	-2.621	-2.455	-2.386	-2.398	-2.438	-2.423	-2.255	-1.842
1481	14.80	-1.132	-0.149	0.991	2.091	2.918	3.269	3.038	2.252	1.068	-0.267
1491	14.90	-1.486	-2.378	-2.841	-2.900	-2.686	-2.380	-2.134	-2.014	-1.972	-1.872

Table 7-15-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-1.556	-0.935	-0.047	0.932	1.748	2.179	2.129	1.684	1.071	0.550
1511	15.10	0.282	0.246	0.250	0.037	-0.560	-1.500	-2.509	-3.183	-3.168	-2.325
1521	15.20	-0.817	0.959	2.527	3.535	3.873	3.680	3.227	2.751	2.340	1.913
1531	15.30	1.318	0.463	-0.582	-1.593	-2.298	-2.524	-2.303	-1.865	-1.520	-1.491
1541	15.40	-1.788	-2.201	-2.410	-2.168	-1.449	-0.475	0.380	0.774	0.575	-0.069
1551	15.50	-0.793	-1.179	-0.936	-0.014	1.396	2.962	4.339	5.274	5.634	5.387
1561	15.60	4.563	3.240	1.573	-0.184	-1.686	-2.581	-2.639	-1.868	-0.550	0.854
1571	15.70	1.895	2.336	2.266	2.046	2.116	2.742	3.841	4.983	5.503	5.187
1581	15.80	3.728	1.596	-0.505	-1.863	-2.078	-1.235	0.149	1.378	1.913	1.611
1591	15.90	0.771	-0.053	-0.350	0.074	0.998	1.895	2.199	1.603	0.212	-1.489
1601	16.00	-2.862	-3.405	-2.980	-1.864	-0.611	0.206	0.247	-0.462	-1.571	-2.585
1611	16.10	-3.100	-2.980	-2.395	-1.722	-1.356	-1.522	-2.176	-3.035	-3.707	-3.870
1621	16.20	-3.412	-2.474	-1.394	-0.556	-0.241	-0.520	-1.234	-2.078	-2.721	-2.935
1631	16.30	-2.665	-2.016	-1.182	-0.341	0.413	1.084	1.733	2.392	3.009	3.443
1641	16.40	3.520	3.131	2.316	1.278	0.320	-0.289	-0.441	-0.256	-0.044	-0.157
1651	16.50	-0.812	-1.956	-3.244	-4.167	-4.264	-3.342	-1.588	0.482	2.218	3.102
1661	16.60	2.964	2.044	0.879	0.057	-0.049	0.558	1.507	2.240	2.271	1.404
1671	16.70	-0.179	-2.007	-3.521	-4.310	-4.241	-3.468	-2.307	-1.067	0.081	1.116
1681	16.80	2.099	3.040	3.825	4.227	4.015	3.097	1.615	-0.075	-1.535	-2.429
1691	16.90	-2.667	-2.425	-2.045	-1.836	-1.913	-2.141	-2.219	-1.868	-1.020	0.102
1701	17.00	1.060	1.403	0.898	-0.325	-1.804	-2.928	-3.198	-2.452	-0.926	0.848
1711	17.10	2.279	2.955	2.794	2.042	1.125	0.457	0.273	0.572	1.164	1.785
1721	17.20	2.221	2.368	2.239	1.919	1.516	1.126	0.829	0.690	0.754	1.022
1731	17.30	1.437	1.875	2.175	2.200	1.885	1.265	0.458	-0.392	-1.168	-1.804
1741	17.40	-2.273	-2.545	-2.564	-2.258	-1.597	-0.657	0.351	1.124	1.390	1.034
1751	17.50	0.182	-0.817	-1.534	-1.639	-1.052	0.019	1.178	2.026	2.338	2.134
1761	17.60	1.630	1.079	0.625	0.232	-0.253	-0.951	-1.816	-2.600	-2.963	-2.671
1771	17.70	-1.773	-0.653	0.113	0.023	-1.081	-2.888	-4.708	-5.765	-5.545	-4.030
1781	17.80	-1.715	0.620	2.261	2.870	2.604	1.998	1.686	2.090	3.248	4.828
1791	17.90	6.330	7.325	7.644	7.396	6.858	6.291	5.808	5.337	4.711	3.801
1801	18.00	2.618	1.337	0.226	-0.468	-0.616	-0.242	0.501	1.388	2.183	2.664
1811	18.10	2.646	1.996	0.674	-1.224	-3.454	-5.662	-7.490	-8.703	-9.272	-9.377
1821	18.20	-9.291	-9.227	-9.206	-9.038	-8.434	-7.196	-5.377	-3.328	-1.567	-0.550
1831	18.30	-0.436	-0.988	-1.662	-1.862	-1.219	0.228	2.059	3.681	4.609	4.680
1841	18.40	4.074	3.165	2.265	1.448	0.536	-0.733	-2.448	-4.348	-5.853	-6.297
1851	18.50	-5.287	-2.972	-0.079	2.336	3.329	2.495	0.161	-2.739	-5.082	-6.048
1861	18.60	-5.472	-3.870	-2.151	-1.143	-1.184	-1.959	-2.678	-2.479	-0.865	2.037
1871	18.70	5.529	8.651	10.611	11.102	10.391	9.136	8.050	7.588	7.801	8.413
1881	18.80	9.045	9.462	9.689	9.960	10.524	11.445	12.507	13.292	13.388	12.620
1891	18.90	11.158	9.451	7.998	7.069	6.540	5.922	4.605	2.183	-1.265	-5.124
1901	19.00	-8.438	-10.286	-10.190	-8.342	-5.565	-3.005	-1.686	-2.122	-4.152	-7.054
1911	19.10	-9.890	-11.901	-12.801	-12.825	-12.546	-12.566	-13.221	-14.458	-15.905	-17.094
1921	19.20	-17.692	-17.635	-17.087	-16.266	-15.250	-13.888	-11.870	-8.957	-5.226	-1.202
1931	19.30	2.219	4.071	3.711	1.134	-2.939	-7.275	-10.562	-11.893	-11.080	-8.687
1941	19.40	-5.744	-3.287	-1.926	-1.623	-1.781	-1.583	-0.416	1.821	4.662	7.302
1951	19.50	8.982	9.355	8.644	7.534	6.842	7.125	8.420	10.236	11.805	12.467
1961	19.60	12.018	10.839	9.749	9.648	11.101	14.065	17.868	21.458	23.812	24.313
1971	19.70	22.954	20.286	17.149	14.337	12.325	11.191	10.710	10.570	10.559	10.640
1981	19.80	10.886	11.327	11.820	12.023	11.510	9.969	7.369	4.023	0.478	-2.692
1991	19.90	-5.104	-6.675	-7.581	-8.090	-8.369	-8.397	-8.022	-7.151	-6.947	-4.910

Table 7-15-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-4.762	-6.159	-9.353	-13.986	-19.129	-23.581	-26.314	-26.874	-25.548	-23.226
2011	20.10	-21.027	-19.854	-20.088	-21.532	-23.603	-25.641	-27.167	-27.959	-27.953	-27.067
2021	20.20	-25.091	-21.766	-17.016	-11.208	-5.252	-0.433	2.028	1.493	-1.730	-6.383
2031	20.30	-10.666	-12.895	-12.150	-8.600	-3.379	1.940	6.023	8.298	9.105	9.410
2041	20.40	10.277	12.341	15.561	19.316	22.787	25.384	26.996	27.959	28.761	29.698
2051	20.50	30.663	31.190	30.733	29.001	26.171	22.854	19.617	17.629	16.417	15.848
2061	20.60	15.366	14.522	13.223	11.755	10.561	9.907	9.639	9.168	7.746	4.876
2071	20.70	0.675	-4.039	-8.000	-10.000	-9.431	-6.600	-2.675	0.748	2.266	1.232
2081	20.80	-1.993	-6.186	-9.741	-11.296	-10.218	-6.815	-2.180	2.226	5.086	5.640
2091	20.90	5.872	0.434	-3.631	-7.237	-9.574	-10.293	-9.536	-7.830	-5.889	-4.401
2101	21.00	-3.840	-4.371	-5.835	-7.834	-9.888	-11.595	-12.777	-13.527	-14.163	-15.091
2111	21.10	-16.623	-18.829	-21.469	-24.066	-26.068	-27.071	-26.986	-26.101	-24.975	-24.225
2121	21.20	-24.263	-25.114	-26.377	-27.364	-27.364	-25.909	-22.944	-18.818	-14.107	-9.357
2131	21.30	-4.872	-0.660	3.555	7.921	12.447	16.830	20.580	23.274	24.818	25.568
2141	21.40	26.229	27.551	29.947	33.233	36.633	39.070	39.666	38.078	34.899	31.303
2151	21.50	28.687	28.078	29.708	32.911	36.389	38.734	38.955	36.802	32.748	27.668
2161	21.60	22.395	17.366	12.521	7.478	1.885	-4.263	-10.489	-15.976	-19.912	-21.866
2171	21.70	-22.029	-21.185	-20.425	-20.722	-22.555	-25.732	-29.500	-32.867	-35.005	-35.556
2181	21.80	-34.707	-33.029	-31.141	-29.382	-27.627	-25.358	-21.947	-17.032	-10.801	-4.039
2191	21.90	2.112	6.599	8.918	9.368	8.969	9.031	10.557	13.725	17.712	20.958
2201	22.00	21.802	19.227	13.379	5.623	-1.928	-7.233	-9.133	-7.810	-4.672	-1.720
2211	22.10	-0.664	-2.188	-5.689	-9.603	-12.161	-12.230	-9.855	-6.253	-3.288	-2.658
2221	22.20	-5.178	-10.469	-17.161	-23.503	-28.068	-30.240	-30.280	-28.991	-27.168	-25.128
2231	22.30	-22.550	-18.671	-12.752	-4.557	5.381	15.830	25.227	32.196	35.965	36.552
2241	22.40	34.643	31.261	27.377	23.629	20.248	17.172	14.277	11.581	9.340	8.000
2251	22.50	8.032	9.744	13.152	17.954	23.615	29.506	35.033	39.713	43.166	45.065
2261	22.60	45.089	42.923	38.336	31.302	22.125	11.487	0.378	-10.087	-18.920	-25.490
2271	22.70	-29.654	-31.731	-32.338	-32.143	-31.633	-30.992	-30.105	-28.705	-26.558	-23.661
2281	22.80	-20.209	-16.749	-13.830	-11.922	-11.233	-11.634	-12.688	-13.771	-14.254	-13.680
2291	22.90	-11.911	-9.165	-5.964	-2.965	-0.737	0.446	0.730	0.648	0.939	2.255
2301	23.00	4.876	8.540	12.477	15.640	17.063	16.202	13.126	8.481	3.253	-1.569
2311	23.10	-5.286	-7.638	-8.767	-9.060	-8.966	-8.881	-9.131	-10.009	-11.789	-14.657
2321	23.20	-18.561	-23.073	-27.363	-30.376	-31.189	-29.413	-25.457	-20.486	-16.044	-13.448
2331	23.30	-13.206	-14.728	-16.473	-16.518	-13.336	-6.443	3.339	14.134	23.680	30.124
2341	23.40	32.631	31.564	28.196	24.116	20.603	18.244	16.932	16.187	15.603	15.189
2351	23.50	15.409	16.936	20.233	25.198	31.050	36.545	40.409	41.817	40.692	37.685
2361	23.60	33.856	30.202	27.237	24.806	22.213	18.581	13.286	6.256	-1.945	-10.326
2371	23.70	-17.802	-23.519	-27.049	-28.376	-27.753	-25.516	-22.000	-17.567	-12.722	-8.200
2381	23.80	-4.905	-3.682	-4.971	-8.520	-13.301	-17.747	-20.236	-19.665	-15.868	-9.690
2391	23.90	-2.674	3.518	7.701	9.519	9.419	8.278	6.885	5.552	4.038	1.830
2401	24.00	-1.406	-5.430	-9.366	-12.013	-12.427	-10.466	-7.018	-3.754	-2.459	-4.238
2411	24.10	-8.958	-15.198	-20.766	-23.582	-22.537	-17.968	-11.533	-5.546	-2.069	-2.139
2421	24.20	-5.454	-10.618	-15.783	-19.401	-20.738	-19.979	-17.931	-15.519	-13.343	-11.485
2431	24.30	-9.626	-7.354	-4.469	-1.119	2.285	5.318	7.769	9.733	11.485	13.239
2441	24.40	14.921	16.118	16.255	14.931	12.230	8.840	5.861	4.370	4.927	7.245
2451	24.50	10.233	12.409	12.539	10.238	6.237	2.195	0.087	1.415	6.569	14.595
2461	24.60	23.477	30.830	34.713	34.243	29.804	22.772	14.932	7.840	2.377	-1.343
2471	24.70	-3.751	-5.634	-6.787	-7.855	-8.403	-8.127	-6.868	-4.711	-1.922	1.195
2481	24.80	4.438	7.726	11.005	14.096	16.586	17.879	17.390	14.808	10.354	4.552
2491	24.90	-1.486	-6.890	-11.131	-14.249	-16.781	-19.470	-22.881	-27.100	-31.640	-35.597

Table 7-15-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-37.982	-38.087	-35.737	-31.343	-25.756	-20.003	-15.002	-11.357	-9.271	-8.573
2511	25.10	-8.817	-9.420	-9.792	-9.460	-8.155	-5.860	-2.789	0.688	4.172	7.361
2521	25.20	10.132	12.539	14.731	16.830	18.845	20.650	22.059	22.948	23.356	23.489
2531	25.30	23.629	23.961	24.431	24.694	24.221	22.528	19.426	15.191	10.548	6.471
2541	25.40	3.855	3.193	4.384	6.756	9.290	10.963	11.080	9.474	6.499	2.842
2551	25.50	-0.774	-3.876	-6.405	-8.697	-11.293	-14.648	-18.866	-23.547	-27.845	-30.708
2561	25.60	-31.234	-29.015	-24.339	-18.154	-11.799	-6.589	-3.396	-2.376	-2.951	-4.040
2571	25.70	-4.463	-3.347	-0.415	3.958	8.909	13.384	16.462	17.589	16.664	14.001
2581	25.80	10.199	5.998	2.150	-0.691	-2.065	-1.805	-0.107	2.462	5.071	6.833
2591	25.90	7.087	5.632	2.826	-0.526	-3.468	-5.270	-5.730	-5.259	-4.702	-4.957
2601	26.00	-6.551	-9.363	-12.624	-15.217	-16.151	-15.010	-12.173	-8.696	-5.900	-4.818
2611	26.10	-5.760	-8.163	-10.809	-12.320	-11.719	-8.822	-4.298	0.616	4.618	6.837
2621	26.20	7.115	5.962	4.235	2.707	1.730	1.152	0.505	-0.637	-2.323	-4.095
2631	26.30	-5.136	-4.624	-2.145	2.055	7.105	11.822	15.181	16.722	16.711	15.984
2641	26.40	15.529	16.005	17.406	19.026	19.758	18.578	15.036	9.503	3.092	-2.737
2651	26.50	-6.725	-8.286	-7.708	-5.999	-4.451	-4.095	-5.285	-7.579	-9.956	-11.283
2661	26.60	-10.818	-8.527	-5.095	-1.618	0.876	1.853	1.452	0.341	-0.668	-1.069
2671	26.70	-0.930	-0.853	-1.633	-3.766	-7.102	-10.762	-13.458	-14.034	-12.006	-7.812
2681	26.80	-2.658	2.000	5.100	6.433	6.698	7.129	8.845	12.258	16.806	21.149
2691	26.90	23.740	23.505	20.394	15.044	9.208	4.343	1.420	0.549	1.050	1.835
2701	27.00	1.892	0.653	-1.868	-5.194	-8.636	-11.546	-13.493	-14.313	-14.094	-13.131
2711	27.10	-11.863	-10.789	-10.326	-10.633	-11.475	-12.224	-12.061	-10.343	-6.990	-2.686
2721	27.20	1.260	3.401	2.811	-0.379	-4.867	-8.588	-9.534	-6.628	-0.262	7.784
2731	27.30	15.038	19.342	19.738	16.810	12.341	8.453	6.635	7.127	8.932	10.418
2741	27.40	10.207	7.888	4.228	0.764	-0.869	0.116	3.477	8.011	12.166	14.741
2751	27.50	15.342	14.386	12.702	10.974	9.329	7.297	4.137	-0.660	-6.986	-14.045
2761	27.60	-20.649	-25.701	-28.627	-29.521	-28.955	-27.584	-25.768	-23.437	-20.269	-16.071
2771	27.70	-11.136	-6.338	-2.893	-1.851	-3.581	-7.490	-12.160	-15.846	-17.132	-15.457
2781	27.80	-11.273	-5.796	-0.461	3.647	6.143	7.341	7.950	8.647	9.743	11.098
2791	27.90	12.291	12.920	12.860	12.330	11.762	11.537	11.767	12.223	12.467	12.100
2801	28.00	10.988	9.353	7.659	6.375	5.735	5.611	5.588	5.182	4.097	2.386
2811	28.10	0.448	-1.136	-1.833	-1.345	0.327	2.956	6.209	9.764	13.327	16.583
2821	28.20	19.125	20.460	20.113	17.817	13.696	8.335	2.677	-2.236	-5.581	-7.002
2831	28.30	-6.700	-5.311	-3.674	-2.550	-2.436	-3.492	-5.595	-8.429	-11.582	-14.602
2841	28.40	-17.031	-18.468	-18.660	-17.606	-15.626	-13.312	-11.372	-10.387	-10.595	-11.799
2851	28.50	-13.455	-14.900	-15.633	-15.493	-14.681	-13.596	-12.602	-11.830	-11.130	-10.175
2861	28.60	-8.649	-6.424	-3.602	-0.433	2.836	6.084	9.319	12.571	15.731	18.474
2871	28.70	20.315	20.803	19.759	17.415	14.360	11.308	8.795	6.965	5.580	4.246
2881	28.80	2.744	1.272	0.443	1.001	3.376	7.307	11.753	15.173	16.100	13.762
2891	28.90	8.464	1.542	-5.100	-9.703	-11.298	-10.017	-6.962	-3.683	-1.535	-1.160
2901	29.00	-2.323	-4.123	-5.463	-5.555	-4.239	-2.009	0.247	1.645	1.677	0.394
2911	29.10	-1.651	-3.648	-4.864	-4.917	-3.886	-2.236	-0.583	0.572	1.059	1.083
2921	29.20	1.094	1.533	2.566	3.930	4.995	5.009	3.460	0.377	-3.578	-7.295
2931	29.30	-9.627	-9.861	-8.037	-4.963	-1.890	0.009	0.139	-1.279	-3.332	-4.858
2941	29.40	-4.998	-3.598	-1.264	0.933	1.977	1.385	-0.583	-3.072	-5.062	-5.848
2951	29.50	-5.347	-4.069	-2.808	-2.194	-2.373	-2.947	-3.213	-2.554	-0.773	1.806
2961	29.60	4.509	6.666	7.939	8.460	8.701	9.156	10.027	11.085	11.785	11.590
2971	29.70	10.304	8.243	6.123	4.721	4.470	5.219	6.286	6.806	6.194	4.497
2981	29.80	2.441	1.126	1.514	3.935	7.877	12.139	15.318	16.369	15.008	11.766
2991	29.90	7.686	3.830	0.838	-1.261	-2.913	-4.681	-6.877	-9.372	-13.696	-13.337

Table 7-15-7

TABLE OF CORRECTED ACCELERATION RECORD — NO. 7

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-14.086	-14.211	-14.355	-15.203	-17.096	-19.785	-22.489	-24.222	-24.251	-22.461
3011	30.10	-19.433	-16.201	-13.799	-12.799	-13.076	-13.875	-14.161	-13.074	-10.278	-6.077
3021	30.20	-1.254	3.261	6.736	8.854	9.742	9.833	9.657	9.647	10.032	10.816
3031	30.30	11.823	12.775	13.388	13.463	12.981	12.153	11.388	11.169	11.833	13.366
3041	30.40	15.290	16.752	16.812	14.826	10.773	5.345	-0.259	-4.779	-7.380	-7.965
3051	30.50	-7.160	-5.973	-5.309	-5.551	-6.440	-7.290	-7.411	-6.526	-4.954	-3.451
3061	30.60	-2.816	-3.466	-5.196	-7.277	-8.809	-9.156	-8.229	-6.470	-4.566	-3.065
3071	30.70	-2.097	-1.362	-0.363	1.256	3.479	5.922	8.070	9.600	10.576	11.409
3081	30.80	12.527	14.119	15.838	16.946	16.670	14.654	11.242	7.411	4.360	2.936
3091	30.90	3.212	4.432	5.375	4.978	2.884	-0.364	-3.593	-5.611	-5.846	-4.679
3101	31.00	-3.287	-3.069	-4.939	-8.831	-13.684	-17.916	-20.146	-19.818	-17.422	-14.202
3111	31.10	-11.516	-10.167	-10.041	-10.222	-9.519	-7.123	-3.076	1.696	5.788	7.968
3121	31.20	7.739	5.571	2.672	0.438	-0.158	1.046	3.409	5.850	7.395	7.613
3131	31.30	6.773	5.645	5.080	5.572	7.031	8.836	10.140	10.263	8.963	6.491
3141	31.40	3.405	0.269	-2.602	-5.219	-7.803	-10.541	-13.364	-15.880	-17.504	-17.723
3151	31.50	-16.364	-13.719	-10.454	-7.333	-4.887	-3.186	-1.828	-0.158	2.379	5.910
3161	31.60	9.990	13.700	15.976	16.005	13.552	9.083	3.640	-1.478	-5.096	-6.490
3171	31.70	-5.550	-2.765	0.960	4.571	7.136	8.060	7.190	4.808	1.513	-1.967
3181	31.80	-4.983	-7.127	-8.305	-8.693	-8.606	-8.337	-8.035	-7.679	-7.141	-6.306
3191	31.90	-5.173	-3.872	-2.594	-1.468	-0.466	0.597	1.961	3.759	5.890	7.995
3201	32.00	9.588	10.257	9.862	8.604	6.944	5.397	4.308	3.740	3.502	3.322
3211	32.10	3.024	2.631	2.306	2.197	2.265	2.236	1.722	0.462	-1.447	-3.491
3221	32.20	-4.902	-5.007	-3.581	-1.021	1.771	3.772	4.297	3.310	1.413	-0.481
3231	32.30	-1.642	-1.922	-1.832	-2.265	-3.980	-7.125	-11.058	-14.567	-16.413	-15.906
3241	32.40	-13.252	-9.466	-5.901	-3.616	-2.899	-3.167	-3.292	-2.194	0.626	4.836
3251	32.50	9.448	13.291	15.556	16.119	15.518	14.600	14.054	14.057	14.235	13.917
3261	32.60	12.559	10.088	7.003	4.170	2.416	2.140	3.107	4.557	5.541	5.348
3271	32.70	3.813	1.378	-1.112	-2.786	-3.111	-2.116	-0.380	1.204	1.754	0.727
3281	32.80	-1.907	-5.664	-9.718	-13.164	-15.293	-15.778	-14.734	-12.640	-10.162	-7.941
3291	32.90	-6.415	-5.722	-5.709	-6.024	-6.253	-6.047	-5.205	-3.699	-1.656	0.674
3301	33.00	2.955	4.807	5.867	5.875	4.780	2.826	0.556	-1.298	-2.038	-1.250
3311	33.10	0.995	4.120	7.222	9.399	10.114	9.413	7.907	6.504	5.997	6.700
3321	33.20	8.297	9.974	10.785	10.076	7.774	4.402	0.823	-2.167	-4.191	-5.424
3331	33.30	-6.442	-7.867	-10.006	-12.640	-15.092	-16.529	-16.342	-14.438	-11.278	-7.684
3341	33.40	-4.493	-2.239	-1.007	-0.507	-0.299	-0.037	0.397	0.918	1.388	1.769
3351	33.50	2.177	2.799	3.721	4.795	5.641	5.818	5.092	3.652	2.123	1.346
3361	33.60	1.988	4.165	7.276	10.165	11.560	10.608	7.269	2.378	-2.672	-6.472
3371	33.70	-8.144	-7.633	-5.636	-3.228	-1.365	-0.523	-0.613	-1.186	-1.790	-2.261
3381	33.80	-2.803	-3.819	-5.605	-8.097	-10.829	-13.127	-14.443	-14.641	-14.054	-13.289
3391	33.90	-12.852	-12.827	-12.770	-11.922	-9.626	-5.750	-0.871	3.889	7.323	8.683
3401	34.00	8.024	6.184	4.389	3.665	4.364	6.026	7.655	8.265	7.437	5.577
3411	34.10	3.772	3.279	4.913	8.623	13.462	17.962	20.735	21.021	18.935	15.326
3421	34.20	11.349	7.970	5.633	4.228	3.312	2.439	1.408	0.297	-0.683	-1.415
3431	34.30	-2.016	-2.798	-4.062	-5.855	-7.831	-9.334	-9.673	-8.460	-5.855	-2.565
3441	34.40	0.406	2.151	2.220	0.781	-1.492	-3.731	-5.243	-5.762	-5.484	-4.878
3451	34.50	-4.406	-4.285	-4.405	-4.435	-4.044	-3.115	-1.828	-0.592	0.153	0.163
3461	34.60	-0.484	-1.405	-2.074	-2.050	-1.170	0.384	2.156	3.604	4.302	4.102
3471	34.70	3.161	1.867	0.676	-0.046	-0.134	0.359	1.234	2.255	3.247	4.131
3481	34.80	4.900	5.532	5.910	5.801	4.916	3.042	0.196	-3.276	-6.734	-9.406
3491	34.90	-10.653	-10.222	-8.389	-5.900	-3.718	-2.674	-3.143	-4.905	-7.246	-9.263

Table 7-15-8

TABLE OF CORRECTED ACCELERATION RECORD — NO. 8

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-10.253	-9.998	-8.825	-7.412	-6.419	-6.132	-6.279	-6.132	-4.833	-1.822
3511	35.10	2.857	8.508	14.026	18.324	20.753	21.315	20.584	19.380	18.359	17.723
3521	35.20	17.184	16.190	14.289	11.436	8.074	4.960	2.808	1.948	2.169	2.846
3531	35.30	3.271	3.023	2.184	1.276	0.941	1.543	2.889	4.244	4.643	3.361
3541	35.40	0.301	-3.891	-8.078	-11.121	-12.385	-12.016	-10.841	-9.945	-10.132	-11.532
3551	35.50	-13.561	-15.233	-15.680	-14.602	-12.427	-10.088	-8.545	-8.284	-9.068	-10.060
3561	35.60	-10.255	-9.003	-6.361	-3.071	-0.196	1.407	1.518	0.643	-0.258	-0.279
3571	35.70	0.966	3.148	5.413	6.851	6.988	6.054	4.866	4.387	5.189	7.096
3581	35.80	9.211	10.321	9.492	6.543	2.174	-2.339	-5.734	-7.342	-7.381	-6.798
3591	35.90	-6.759	-8.026	-10.543	-13.439	-15.446	-15.531	-13.418	-9.752	-5.798	-2.845
3601	36.00	-1.593	-1.832	-2.580	-2.596	-1.033	2.107	5.946	9.131	10.500	9.652
3611	36.10	7.169	4.361	2.666	2.985	5.278	8.610	11.617	13.166	12.881	11.293
3621	36.20	9.539	8.784	9.626	11.811	14.349	15.999	15.856	13.769	10.390	6.836
3631	36.30	4.164	2.894	2.814	3.154	2.995	1.730	-0.666	-3.663	-6.462	-8.382
3641	36.40	-9.141	-8.926	-8.221	-7.533	-7.147	-7.040	-6.977	-6.702	-6.111	-5.312
3651	36.50	-4.545	-4.033	-3.852	-3.898	-3.969	-3.898	-3.659	-3.376	-3.245	-3.402
3661	36.60	-3.829	-4.349	-4.697	-4.640	-4.062	-2.973	-1.471	0.320	2.272	4.220
3671	36.70	5.904	6.955	6.971	5.676	3.102	-0.324	-3.853	-6.649	-8.102	-8.073
3681	36.80	-6.940	-5.409	-4.171	-3.566	-3.426	-3.170	-2.125	0.102	3.374	7.039
3691	36.90	10.190	12.064	12.359	11.343	9.686	8.119	7.095	6.615	6.299	5.658
3701	37.00	4.401	2.637	0.852	-0.316	-0.386	0.724	2.632	4.640	6.013	6.258
3711	37.10	5.291	3.431	1.241	-0.699	-1.994	-2.543	-2.532	-2.332	-2.361	-2.938
3721	37.20	-4.185	-5.979	-7.982	-9.727	-10.762	-10.805	-9.860	-8.239	-6.473	-5.121
3731	37.30	-4.541	-4.732	-5.301	-5.595	-4.952	-2.972	0.303	4.371	8.419	11.587
3741	37.40	13.227	13.087	11.344	8.509	5.259	2.250	-0.016	-1.274	-1.511	-0.940
3751	37.50	0.058	1.027	1.539	1.312	0.287	-1.359	-3.282	-5.106	-6.571	-7.629
3761	37.60	-8.442	-9.283	-10.377	-11.772	-13.296	-14.623	-15.423	-15.504	-14.893	-13.809
3771	37.70	-12.550	-11.352	-10.301	-9.329	-8.291	-7.069	-5.651	-4.125	-2.623	-1.232
3781	37.80	0.053	1.323	2.690	4.209	5.838	7.456	8.928	10.170	11.179	12.004
3791	37.90	12.892	13.237	13.591	13.721	13.696	13.714	14.058	14.955	16.420	18.151
3801	38.00	19.568	19.994	18.912	16.200	12.209	7.669	3.431	0.171	-1.817	-2.662
3811	38.10	-2.783	-2.669	-2.673	-2.931	-3.405	-4.019	-4.771	-5.769	-7.143	-8.921
3821	38.20	-10.924	-12.772	-14.012	-14.310	-13.607	-12.149	-10.383	-8.747	-7.477	-6.514
3831	38.30	-5.575	-4.330	-2.601	-0.482	1.705	3.564	4.832	5.510	5.865	6.281
3841	38.40	7.059	8.247	9.610	10.740	11.262	11.024	10.186	9.152	8.396	8.242
3851	38.50	8.726	9.581	10.358	10.617	10.110	8.870	7.183	5.468	4.111	3.338
3861	38.60	3.147	3.329	3.547	3.438	2.704	1.174	-1.173	-4.212	-7.703	-11.331
3871	38.70	-14.757	-17.673	-19.842	-21.130	-21.514	-21.071	-19.949	-18.331	-16.403	-14.324
3881	38.80	-12.208	-10.124	-8.106	-6.174	-4.365	-2.751	-1.433	-0.509	-0.016	0.131
3891	38.90	0.165	0.431	1.296	3.010	5.589	8.756	11.994	14.687	16.315	16.621
3901	39.00	15.690	13.900	11.788	9.854	8.413	7.520	6.996	6.518	5.743	4.402
3911	39.10	2.362	-0.355	-3.573	-6.971	-10.127	-12.587	-13.977	-14.131	-13.188	-11.594
3921	39.20	-9.993	-9.006	-8.995	-9.908	-11.278	-12.411	-12.681	-11.816	-10.032	-7.952
3931	39.30	-6.338	-5.738	-6.229	-7.359	-8.329	-8.330	-6.887	-4.061	-0.417	3.209
3941	39.40	6.036	7.620	7.966	7.426	6.546	5.781	5.373	5.316	5.448	5.568
3951	39.50	5.541	5.331	4.979	4.564	4.183	3.953	4.025	4.569	5.718	7.482
3961	39.60	9.681	11.941	13.783	14.766	14.645	13.446	11.442	9.021	6.532	4.164
3971	39.70	1.931	-0.246	-2.412	-4.484	-6.248	-7.444	-7.904	-7.648	-6.894	-5.947
3981	39.80	-5.056	-4.282	-3.484	-2.411	-0.874	1.108	3.261	5.149	6.353	6.665
3991	39.90	6.177	5.235	4.265	3.572	3.206	2.965	2.542	1.726	0.561	-0.627

Table 7-15-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-1.357	-1.223	-0.098	1.760	3.786	5.315	5.841	5.209	3.659	1.706
4011	40.10	-0.080	-1.302	-1.865	-1.962	-1.937	-2.088	-2.504	-3.017	-3.276	-2.913
4021	40.20	-1.734	0.153	2.333	4.201	5.174	4.900	3.407	1.113	-1.308	-3.164
4031	40.30	-4.000	-3.781	-2.918	-2.120	-2.121	-3.374	-5.832	-8.927	-11.742	-13.341
4041	40.40	-13.128	-11.076	-7.757	-4.128	-1.177	0.447	0.651	-0.101	-1.018	-1.317
4051	40.50	-0.539	1.293	3.725	6.086	7.761	8.404	8.002	6.796	5.126	3.286
4061	40.60	1.464	-0.224	-1.653	-2.636	-2.960	-2.489	-1.295	0.280	1.695	2.390
4071	40.70	2.025	0.640	-1.337	-3.259	-4.547	-4.949	-4.655	-4.207	-4.231	-5.129
4081	40.80	-6.866	-8.966	-10.711	-11.458	-10.920	-9.279	-7.088	-5.017	-3.571	-2.910
4091	40.90	-2.860	-3.066	-3.227	-3.240	-3.224	-3.381	-3.817	-4.406	-4.800	-4.578
4101	41.00	-3.466	-1.499	0.956	3.345	5.169	6.204	6.590	6.741	7.131	8.048
4111	41.10	9.451	10.994	12.200	12.688	12.355	11.414	10.276	9.356	8.887	8.835
4121	41.20	8.955	8.938	8.567	7.820	6.853	5.903	5.162	4.688	4.390	4.095
4131	41.30	3.635	2.917	1.940	0.766	-0.535	-1.912	-3.331	-4.741	-6.049	-7.119
4141	41.40	-7.818	-8.087	-7.984	-7.680	-7.389	-7.259	-7.290	-7.305	-7.025	-6.198
4151	41.50	-4.749	-2.858	-0.942	0.486	1.001	0.442	-1.015	-2.912	-4.676	-5.824
4161	41.60	-6.131	-5.681	-4.791	-3.840	-3.091	-2.579	-2.118	-1.424	-0.285	1.294
4171	41.70	3.063	4.615	5.562	5.710	5.145	4.182	3.198	2.441	1.902	1.342
4181	41.80	0.456	-0.896	-2.521	-3.899	-4.376	-3.487	-1.240	1.773	4.543	6.026
4191	41.90	5.586	3.300	-0.026	-3.170	-4.986	-4.880	-3.038	-0.306	2.217	3.674
4201	42.00	3.817	3.063	2.230	2.110	3.078	4.946	7.106	8.887	9.904	10.231
4211	42.10	10.298	10.571	11.221	11.948	12.096	10.994	8.361	4.547	0.478	-2.704
4221	42.20	-4.129	-3.586	-1.630	0.670	2.195	2.259	0.862	-1.371	-3.566	-4.938
4231	42.30	-5.317	-5.005	-4.647	-4.849	-5.848	-7.403	-8.926	-9.797	-9.678	-8.676
4241	42.40	-7.282	-6.125	-5.677	-6.047	-6.971	-7.975	-8.626	-8.736	-8.420	-8.001
4251	42.50	-7.808	-7.997	-8.469	-8.931	-9.053	-8.637	-7.708	-6.486	-5.262	-4.248
4261	42.60	-3.474	-2.788	-1.953	-0.786	0.745	2.498	4.226	5.707	6.838	7.675
4271	42.70	8.374	9.084	9.833	10.490	10.817	10.587	9.723	8.371	6.885	5.702
4281	42.80	5.181	5.464	6.428	7.746	9.028	9.975	10.471	10.579	10.451	10.198
4291	42.90	9.803	9.107	7.896	6.021	3.506	0.575	-2.414	-5.097	-7.231	-8.760
4301	43.00	-9.784	-10.460	-10.888	-11.069	-10.831	-10.133	-8.983	-7.610	-6.411	-5.812
4311	43.10	-6.089	-7.218	-8.848	-10.394	-11.249	-11.005	-9.607	-7.367	-4.836	-2.594
4321	43.20	-1.037	-0.251	-0.021	0.045	0.336	1.071	2.231	3.595	4.861	5.799
4331	43.30	6.349	6.641	6.902	7.326	7.922	8.558	8.821	8.356	6.954	4.699
4341	43.40	1.992	-0.572	-2.411	-3.186	-2.932	-2.050	-1.128	-0.697	-0.996	-1.879
4351	43.50	-2.897	-3.513	-3.363	-2.429	-1.040	0.294	1.135	1.327	1.058	0.739
4361	43.60	0.768	1.293	2.115	2.776	2.805	1.981	0.492	-1.111	-2.149	-2.120
4371	43.70	-0.933	1.058	3.223	4.952	5.917	6.187	6.129	6.169	6.551	7.209
4381	43.80	7.835	8.074	7.751	6.975	6.081	5.430	5.190	5.229	5.179	4.655
4391	43.90	3.485	1.828	0.112	-1.202	-1.877	-2.045	-2.145	-2.678	-3.905	-5.666
4401	44.00	-7.428	-8.551	-8.641	-7.798	-6.615	-5.917	-6.349	-8.042	-10.508	-12.856
4411	44.10	-14.195	-14.050	-12.566	-10.398	-8.366	-7.027	-6.418	-6.073	-5.307	-3.623
4421	44.20	-0.994	2.091	4.867	6.668	7.250	6.889	6.205	5.833	6.092	6.847
4431	44.30	7.619	7.872	7.317	6.069	4.581	3.398	2.867	2.971	3.363	3.571
4441	44.40	3.265	2.427	1.346	0.445	0.047	0.197	0.651	1.011	0.935	0.303
4451	44.50	-0.747	-1.918	-2.918	-3.592	-3.964	-4.163	-4.308	-4.418	-4.421	-4.227
4461	44.60	-3.833	-3.367	-3.036	-2.997	-3.233	-3.499	-3.410	-2.612	-0.978	1.293
4471	44.70	3.716	5.705	6.801	6.846	6.026	4.759	3.507	2.599	2.140	2.046
4481	44.80	2.152	2.316	2.472	2.602	2.656	2.503	1.946	0.805	-0.957	-3.161
4491	44.90	-5.423	-7.272	-8.318	-8.393	-7.612	-6.306	-4.885	-3.685	-2.864	-2.395

Table 7-15-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-2.139	-1.946	-1.735	-1.515	-1.351	-1.298	-1.353	-1.448	-1.476	-1.360
4511	45.10	-1.078	-0.683	-0.271	0.059	0.257	0.335	0.369	0.459	0.686	1.073
4521	45.20	1.550	1.969	2.135	1.884	1.158	0.073	-1.078	-1.886	-1.960	-1.081
4531	45.30	0.689	2.980	5.220	6.829	7.422	6.951	5.711	4.207	2.945	2.239
4541	45.40	2.118	2.372	2.698	2.872	2.848	2.747	2.744	2.935	3.259	3.519
4551	45.50	3.506	3.133	2.507	1.889	1.557	1.640	2.026	2.407	2.435	1.915
4561	45.60	0.935	-0.163	-0.952	-1.155	-0.820	-0.330	-0.237	-0.981	-2.652	-4.901
4571	45.70	-7.064	-8.445	-8.624	-7.633	-5.926	-4.150	-2.837	-2.172	-1.945	-1.721
4581	45.80	-1.107	-0.002	1.325	2.363	2.625	1.921	0.488	-1.089	-2.147	-2.248
4591	45.90	-1.396	-0.025	1.203	1.729	1.360	0.363	-0.670	-1.119	-0.642	0.646
4601	46.00	2.227	3.419	3.702	2.964	1.556	0.133	-0.655	-0.461	0.603	2.013
4611	46.10	3.078	3.245	2.336	0.618	-1.333	-2.881	-3.597	-3.410	-2.589	-1.579
4621	46.20	-0.776	-0.358	-0.229	-0.118	0.253	1.001	2.003	2.942	3.449	3.275
4631	46.30	2.405	1.066	-0.369	-1.530	-2.190	-2.326	-2.088	-1.687	-1.281	-0.896
4641	46.40	-0.431	0.266	1.286	2.566	3.867	4.834	5.110	4.473	2.925	0.712
4651	46.50	-1.748	-3.994	-5.659	-6.577	-6.805	-6.573	-6.169	-5.807	-5.542	-5.246
4661	46.60	-4.677	-3.597	-1.910	0.260	2.568	4.544	5.749	5.937	5.149	3.710
4671	46.70	2.121	0.890	0.360	0.616	1.477	2.600	3.613	4.251	4.411	4.147
4681	46.80	3.595	2.896	2.144	1.384	0.648	-0.012	-0.518	-0.803	-0.871	-0.841
4691	46.90	-0.926	-1.360	-2.282	-3.648	-5.205	-6.577	-7.408	-7.512	-6.959	-6.035
4701	47.00	-5.102	-4.415	-4.001	-3.645	-3.020	-1.890	-0.277	1.484	2.863	3.364
4711	47.10	2.776	1.308	-0.464	-1.823	-2.216	-1.494	0.025	1.703	2.884	3.185
4721	47.20	2.665	1.771	1.102	1.104	1.853	3.026	4.083	4.545	4.250	3.424
4731	47.30	2.557	2.127	2.329	2.949	3.455	3.267	2.075	0.033	-2.267	-4.069
4741	47.40	-4.712	-4.130	-2.732	-1.336	-0.787	-1.591	-3.690	-6.492	-9.130	-10.828
4751	47.50	-11.196	-10.336	-8.725	-6.943	-5.406	-4.207	-3.152	-1.937	-0.353	1.578
4761	47.60	3.619	5.461	6.900	7.955	8.846	9.849	11.108	12.516	13.719	14.278
4771	47.70	13.880	12.517	10.517	8.423	6.764	5.833	5.576	5.654	5.628	5.185
4781	47.80	4.286	3.168	2.195	1.653	1.580	1.738	1.720	1.159	-0.091	-1.879
4791	47.90	-3.830	-5.532	-6.738	-7.467	-7.972	-8.575	-9.461	-10.546	-11.493	-11.865
4801	48.00	-11.357	-9.971	-8.052	-6.156	-4.806	-4.251	-4.356	-4.670	-4.655	-3.955
4811	48.10	-2.580	-0.919	0.442	0.998	0.571	-0.591	-1.911	-2.738	-2.621	-1.502
4821	48.20	0.285	2.181	3.660	4.451	4.619	4.483	4.421	4.652	5.129	5.560
4831	48.30	5.563	4.869	3.459	1.595	-0.288	-1.761	-2.569	-2.711	-2.414	-2.002
4841	48.40	-1.773	-1.842	-2.162	-2.551	-2.797	-2.755	-2.398	-1.814	-1.157	-0.585
4851	48.50	-0.212	-0.074	-0.140	-0.330	-0.537	-0.654	-0.597	-0.318	0.184	0.861
4861	48.60	1.630	2.396	3.080	3.637	4.067	4.396	4.659	4.873	5.030	5.096
4871	48.70	5.024	4.777	4.330	3.680	2.842	1.855	0.785	-0.269	-1.179	-1.815
4881	48.80	-2.078	-1.945	-1.488	-0.865	-0.273	0.120	0.227	0.069	-0.246	-0.581
4891	48.90	-0.833	-0.973	-1.037	-1.087	-1.155	-1.212	-1.174	-0.953	-0.517	0.079
4901	49.00	0.699	1.190	1.459	1.527	1.522	1.615	1.926	2.442	3.006	3.383
4911	49.10	3.370	2.915	2.158	1.384	0.903	0.897	1.323	1.912	2.274	2.064
4921	49.20	1.129	-0.428	-2.298	-4.104	-5.561	-6.584	-7.293	-7.917	-8.653	-9.548
4931	49.30	-10.466	-11.152	-11.353	-10.943	-9.973	-8.640	-7.185	-5.781	-4.477	-3.215
4941	49.40	-1.920	-0.589	0.863	1.644	2.195	2.305	2.169	2.132	2.547	3.597
4951	49.50	5.177	6.899	8.243	8.780	8.394	7.264	5.979	5.114	5.071	5.871
4961	49.60	7.144	8.276	8.673	8.012	6.321	4.187	2.061	0.512	-0.220	-0.232
4971	49.70	0.099	0.346	0.172	-0.532	-1.652	-2.939	-4.135	-5.069	-5.683	-5.986
4981	49.80	-5.991	-5.669	-4.962	-3.841	-2.387	-0.816	0.546	1.377	1.483	0.902
4991	49.90	-0.077	-1.002	-1.409	-0.996	0.267	2.126	4.134	5.819	6.842	7.095

Table 7-15-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	6.699	5.911	4.987	4.066	3.141	2.104	0.860	-0.564	-1.975	-3.065
5011	50.10	-3.534	-3.242	-2.302	-1.058	0.027	0.562	0.380	-0.405	-1.472	-2.460
5021	50.20	-3.146	-3.550	-3.906	-4.515	-5.558	-6.962	-8.401	-9.428	-9.678	-9.045
5031	50.30	-7.736	-6.167	-4.768	-3.776	-3.153	-2.622	-1.865	-0.717	0.713	2.077
5041	50.40	2.959	3.100	2.544	1.641	0.889	0.698	1.192	2.155	3.139	3.689
5051	50.50	3.559	2.822	1.815	0.963	0.574	0.708	1.185	1.715	2.068	2.200
5061	50.60	2.257	2.472	3.020	3.904	4.933	5.811	6.265	6.159	5.529	4.538
5071	50.70	3.383	2.219	1.131	0.163	-0.633	-1.176	-1.379	-1.214	-0.767	-0.232
5081	50.80	0.152	0.219	-0.031	-0.413	-0.641	-0.473	0.151	1.047	1.858	2.211
5091	50.90	1.903	1.005	-0.160	-1.162	-1.659	-1.555	-1.033	-0.454	-0.181	-0.404
5101	51.00	-1.059	-1.874	-2.502	-2.689	-2.373	-1.690	-0.883	-0.183	0.295	0.566
5111	51.10	0.737	0.913	1.137	1.368	1.523	1.539	1.416	1.224	1.055	0.967
5121	51.20	0.940	0.881	0.668	0.224	-0.437	-1.202	-1.896	-2.359	-2.506	-2.367
5131	51.30	-2.070	-1.793	-1.695	-1.867	-2.308	-2.941	-3.647	-4.310	-4.854	-5.252
5141	51.40	-5.519	-5.694	-5.803	-5.849	-5.799	-5.603	-5.217	-4.634	-3.898	-3.094
5151	51.50	-2.321	-1.644	-1.067	-0.524	0.090	0.861	1.806	2.846	3.831	4.604
5161	51.60	5.078	5.292	5.401	5.620	6.120	6.940	7.954	8.914	9.546	9.667
5171	51.70	9.258	8.459	7.503	6.596	5.823	5.122	4.325	3.260	1.854	0.183
5181	51.80	-1.535	-3.049	-4.153	-4.778	-4.995	-4.970	-4.872	-4.801	-4.762	-4.699
5191	51.90	-4.557	-4.346	-4.157	-4.130	-4.381	-4.931	-5.678	-6.421	-6.939	-7.073
5201	52.00	-6.782	-6.149	-5.327	-4.464	-3.641	-2.852	-2.034	-1.127	-0.129	0.891
5211	52.10	1.820	2.559	3.075	3.420	3.695	3.990	4.319	4.604	4.704	4.499
5221	52.20	3.971	3.244	2.554	2.158	2.216	2.706	3.419	4.039	4.283	4.019
5231	52.30	3.334	2.490	1.800	1.488	1.580	1.901	2.161	2.103	1.628	0.845
5241	52.40	0.018	-0.556	-0.686	-0.365	0.238	0.881	1.369	1.644	1.800	2.007
5251	52.50	2.399	2.981	3.615	4.079	4.181	3.866	3.243	2.536	1.969	1.659
5261	52.60	1.554	1.481	1.250	0.778	0.155	-0.381	-0.569	-0.269	0.433	1.221
5271	52.70	1.671	1.432	0.398	-1.223	-2.979	-4.353	-4.987	-4.837	-4.199	-3.576
5281	52.80	-3.458	-4.101	-5.409	-6.962	-8.197	-8.645	-8.124	-6.816	-5.175	-3.731
5291	52.90	-2.864	-2.658	-2.889	-3.154	-3.082	-2.505	-1.545	-0.540	0.122	0.200
5301	53.00	-0.274	-1.003	-1.558	-1.582	-0.955	0.136	1.278	2.015	2.046	1.361
5311	53.10	0.238	-0.887	-1.607	-1.723	-1.306	-0.648	-0.112	0.042	-0.241	-0.796
5321	53.20	-1.333	-1.584	-1.417	-0.887	-0.195	0.412	0.748	0.753	0.493	0.108
5331	53.30	-0.262	-0.528	-0.665	-0.690	-0.620	-0.449	-0.151	0.298	0.889	1.565
5341	53.40	2.229	2.774	3.117	3.220	3.097	2.803	2.422	2.053	1.808	1.792
5351	53.50	2.086	2.701	3.552	4.447	5.127	5.338	4.934	3.945	2.598	1.248
5361	53.60	0.264	-0.111	0.151	0.848	1.626	2.109	2.037	1.347	0.172	-1.224
5371	53.70	-2.554	-3.592	-4.224	-4.435	-4.272	-3.804	-3.102	-2.251	-1.362	-0.579
5381	53.80	-0.047	0.130	-0.054	-0.499	-1.022	-1.430	-1.594	-1.499	-1.228	-0.912
5391	53.90	-0.640	-0.404	-0.103	0.402	1.190	2.205	3.245	4.024	4.292	3.956
5401	54.00	3.135	2.128	1.290	0.882	0.955	1.329	1.674	1.672	1.165	0.246
5411	54.10	-0.777	-1.514	-1.667	-1.172	-0.241	0.722	1.281	1.149	0.296	-1.043
5421	54.20	-2.474	-3.609	-4.209	-4.250	-3.898	-3.394	-2.930	-2.566	-2.220	-1.742
5431	54.30	-1.016	-0.042	1.048	2.045	2.764	3.139	3.258	3.329	3.576	4.128
5441	54.40	4.951	5.857	6.582	6.903	6.744	6.198	5.481	4.826	4.367	4.081
5451	54.50	3.810	3.348	2.561	1.469	0.252	-0.831	-1.568	-1.900	-1.970	-2.057
5461	54.60	-2.448	-3.299	-4.539	-5.895	-6.994	-7.536	-7.423	-6.807	-6.030	-5.467
5471	54.70	-5.374	-5.779	-6.492	-7.205	-7.643	-7.680	-7.378	-6.929	-6.532	-6.285
5481	54.80	-6.134	-5.915	-5.457	-4.690	-3.702	-2.701	-1.922	-1.497	-1.390	-1.407
5491	54.90	-1.287	-0.829	0.014	1.119	2.264	3.244	3.974	4.521	5.050	5.720

Table 7-15-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	6.581	7.526	8.340	8.798	8.789	8.369	7.744	7.163	6.790	6.616
5511	55.10	6.453	6.017	5.068	3.536	1.577	-0.470	-2.200	-3.287	-3.598	-3.232
5521	55.20	-2.467	-1.654	-1.099	-0.962	-1.233	-1.752	-2.284	-2.602	-2.565	-2.157
5531	55.30	-1.488	-0.759	-0.190	0.054	-0.077	-0.494	-0.993	-1.319	-1.263	-0.727
5541	55.40	0.229	1.421	2.604	3.569	4.203	4.516	4.602	4.576	4.510	4.412
5551	55.50	4.240	3.957	3.578	3.180	2.877	2.749	2.788	2.882	2.847	2.515
5561	55.60	1.816	0.828	-0.249	-1.170	-1.751	-1.956	-1.911	-1.857	-2.045	-2.637
5571	55.70	-3.644	-4.931	-6.275	-7.447	-8.282	-8.708	-8.737	-8.430	-7.861	-7.099
5581	55.80	-6.207	-5.249	-4.286	-3.368	-2.515	-1.706	-0.888	-0.009	0.947	1.944
5591	55.90	2.895	3.703	4.305	4.704	4.966	5.182	5.421	5.688	5.920	6.029
5601	56.00	5.948	5.680	5.304	4.930	4.643	4.453	4.279	3.995	3.490	2.730
5611	56.10	1.776	0.744	-0.264	-1.220	-2.182	-3.253	-4.486	-5.813	-7.028	-7.848
5621	56.20	-8.042	-7.556	-6.569	-5.448	-4.601	-4.299	-4.543	-5.055	-5.396	-5.167
5631	56.30	-4.207	-2.678	-1.009	0.285	0.832	0.568	-0.237	-1.099	-1.534	-1.265
5641	56.40	-0.326	0.973	2.205	3.019	3.282	3.110	2.781	2.576	2.652	2.979
5651	56.50	3.383	3.656	3.663	3.402	2.982	2.540	2.161	1.828	1.455	0.954
5661	56.60	0.313	-0.374	-0.950	-1.280	-1.337	-1.238	-1.198	-1.417	-1.973	-2.748
5671	56.70	-3.472	-3.831	-3.625	-2.868	-1.800	-0.784	-0.134	0.030	-0.152	-0.346
5681	56.80	-0.183	0.555	1.820	3.308	4.592	5.316	5.359	4.886	4.264	3.878
5691	56.90	3.939	4.379	4.887	5.063	4.624	3.556	2.136	0.812	-0.003	-0.126
5701	57.00	0.312	0.931	1.285	1.074	0.289	-0.799	-1.772	-2.281	-2.218	-1.762
5711	57.10	-1.289	-1.172	-1.593	-2.447	-3.394	-4.031	-4.096	-3.600	-2.823	-2.175
5721	57.20	-1.991	-2.368	-3.118	-3.869	-4.248	-4.066	-3.404	-2.564	-1.908	-1.683
5731	57.30	-1.901	-2.350	-2.707	-2.707	-2.265	-1.500	-0.657	0.033	0.468	0.712
5741	57.40	0.934	1.299	1.863	2.532	3.118	3.438	3.413	3.101	2.659	2.248
5751	57.50	1.944	1.698	1.381	0.870	0.142	-0.693	-1.429	-1.858	-1.863	-1.470
5761	57.60	-0.827	-0.117	0.521	1.050	1.517	1.988	2.478	2.917	3.183	3.173
5771	57.70	2.885	2.450	2.084	1.998	2.283	2.856	3.483	3.870	3.797	3.208
5781	57.80	2.232	1.126	0.162	-0.473	-0.728	-0.678	-0.454	-0.174	0.101	0.363
5791	57.90	0.616	0.836	0.952	0.871	0.524	-0.088	-0.877	-1.694	-2.380	-2.826
5801	58.00	-3.006	-2.978	-2.851	-2.738	-2.717	-2.806	-2.968	-3.126	-3.176	-3.017
5811	58.10	-2.571	-1.809	-0.775	0.403	1.537	2.414	2.886	2.826	2.355	1.619
5821	58.20	0.834	0.188	-0.223	-0.404	-0.432	-0.396	-0.345	-0.260	-0.088	0.216
5831	58.30	0.634	1.073	1.401	1.500	1.335	0.977	0.577	0.298	0.242	0.397
5841	58.40	0.646	0.811	0.733	0.334	-0.358	-1.229	-2.128	-2.926	-3.552	-3.998
5851	58.50	-4.299	-4.505	-4.653	-4.755	-4.798	-4.758	-4.603	-4.314	-3.893	-3.372
5861	58.60	-2.819	-2.331	-1.999	-1.876	-1.941	-2.089	-2.157	-1.988	-1.496	-0.721
5871	58.70	0.181	0.992	1.525	1.711	1.631	1.484	1.491	1.793	2.378	3.090
5881	58.80	3.693	3.993	3.916	3.544	3.062	2.664	2.457	2.419	2.425	2.332
5891	58.90	2.071	1.692	1.348	1.208	1.364	1.771	2.255	2.598	2.643	2.386
5901	59.00	1.981	1.674	1.688	2.106	2.820	3.568	4.036	3.993	3.385	2.355
5911	59.10	1.185	0.180	-0.448	-0.665	-0.513	-0.248	-0.049	-0.032	-0.205	-0.480
5921	59.20	-0.726	-0.835	-0.760	-0.521	-0.185	0.169	0.483	0.725	0.886	0.959
5931	59.30	0.924	0.759	0.452	0.025	-0.449	-0.854	-1.062	-0.978	-0.577	0.071
5941	59.40	0.815	1.465	1.843	1.840	1.438	0.712	-0.205	-1.168	-2.057	-2.805
5951	59.50	-3.397	-3.851	-4.198	-4.453	-4.624	-4.696	-4.652	-4.476	-4.169	-3.744
5961	59.60	-3.233	-2.687	-2.170	-1.750	-1.682	-1.385	-1.425	-1.511	-1.525	-1.352
5971	59.70	-0.933	-0.292	0.461	1.167	1.680	1.922	1.920	1.792	1.696	1.756
5981	59.80	2.010	2.387	2.745	2.933	2.859	2.529	2.041	1.533	1.121	0.849
5991	59.90	0.677	0.517	0.284	-0.055	-0.471	-0.896	-1.268	-1.581	-1.888	-2.273

Table 7-15-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-2.792	-3.423	-4.051	-4.500	-4.617	-4.347	-3.779	-3.124	-2.632	-2.483
6011	60.10	-2.697	-3.113	-3.446	-3.411	-2.844	-1.789	-0.484	0.725	1.528	1.775
6021	60.20	1.536	1.064	0.686	0.665	1.099	1.894	2.818	3.613	4.101	4.250
6031	60.30	4.164	4.011	3.941	4.016	4.200	4.396	4.512	4.512	4.429	4.332
6041	60.40	4.272	4.238	4.146	3.877	3.341	2.522	1.503	0.429	-0.548	-1.332
6051	60.50	-1.914	-2.351	-2.715	-3.040	-3.292	-3.388	-3.250	-2.864	-2.311	-1.768
6061	60.60	-1.348	-1.223	-1.372	-1.680	-1.968	-2.075	-1.927	-1.552	-1.060	-0.571
6071	60.70	-0.151	0.214	0.600	1.089	1.710	2.410	3.074	3.580	3.863	3.950
6081	60.80	3.942	3.965	4.096	4.320	4.538	4.609	4.429	3.981	3.344	2.660
6091	60.90	2.061	1.613	1.294	1.014	0.669	0.197	-0.395	-1.052	-1.710	-2.343
6101	61.00	-2.978	-3.679	-4.492	-5.398	-6.296	-7.027	-7.443	-7.472	-7.158	-6.652
6111	61.10	-6.151	-5.814	-5.700	-5.749	-5.813	-5.733	-5.412	-4.857	-4.172	-3.507
6121	61.20	-2.987	-2.660	-2.476	-2.310	-2.019	-1.492	-0.690	0.351	1.538	2.755
6131	61.30	3.896	4.879	5.659	6.216	6.553	6.690	6.660	6.499	6.245	5.917
6141	61.40	5.523	5.050	4.487	3.833	3.109	2.360	1.640	0.995	0.445	-0.017
6151	61.50	-0.416	-0.776	-1.101	-1.375	-1.574	-1.687	-1.739	-1.792	-1.922	-2.187
6161	61.60	-2.591	-3.063	-3.476	-3.691	-3.608	-3.213	-2.587	-1.881	-1.253	-0.807
6171	61.70	-0.554	-0.407	-0.223	0.140	0.763	1.637	2.666	3.715	4.655	5.410
6181	61.80	5.968	6.368	6.660	6.873	6.997	6.988	6.795	6.395	5.806	5.096
6191	61.90	4.348	3.635	2.985	2.374	1.736	0.997	0.110	-0.918	-2.023	-3.106
6201	62.00	-4.066	-4.842	-5.433	-5.896	-6.322	-6.790	-7.330	-7.899	-8.390	-8.670
6211	62.10	-8.628	-8.227	-7.523	-6.646	-5.763	-5.010	-4.450	-4.049	-3.706	-3.295
6221	62.20	-2.732	-1.999	-1.154	-0.288	0.523	1.261	1.968	2.714	3.546	4.436
6231	62.30	5.275	5.907	6.201	6.116	5.736	5.242	4.835	4.640	4.666	4.702
6241	62.40	4.586	4.116	3.247	2.111	0.974	0.129	-0.235	-0.116	0.297	0.698
6251	62.50	0.801	0.451	-0.313	-1.290	-2.211	-2.864	-3.171	-3.208	-3.143	-3.145
6261	62.60	-3.295	-3.555	-3.793	-3.858	-3.655	-3.185	-2.538	-1.833	-1.162	-0.542
6271	62.70	0.070	0.740	1.491	2.268	2.940	3.346	3.375	3.015	2.377	1.658
6281	62.80	1.065	0.738	0.698	0.863	0.999	0.994	0.736	0.238	-0.389	-0.993
6291	62.90	-1.451	-1.720	-1.847	-1.938	-2.098	-2.373	-2.722	-3.038	-3.195	-3.121
6301	63.00	-2.837	-2.459	-2.168	-2.039	-2.169	-2.457	-2.731	-2.807	-2.578	-2.064
6311	63.10	-1.410	-0.820	-0.455	-0.354	-0.409	-0.405	-0.127	0.539	1.544	2.688
6321	63.20	3.703	4.370	4.603	4.476	4.172	3.889	3.742	3.723	3.729	3.637
6331	63.30	3.389	3.032	2.686	2.477	2.443	2.500	2.468	2.165	1.511	0.594
6341	63.40	-0.355	-1.056	-1.311	-1.116	-0.660	-0.251	-0.168	-0.524	-1.205	-1.919
6351	63.50	-2.330	-2.218	-1.585	-0.657	0.224	0.749	0.787	0.432	-0.052	-0.364
6361	63.60	-0.306	0.126	0.758	1.328	1.618	1.550	1.214	0.806	0.524	0.470
6371	63.70	0.605	0.781	0.821	0.610	0.153	-0.436	-0.989	-1.361	-1.486	-1.391
6381	63.80	-1.163	-0.895	-0.647	-0.429	-0.224	-0.025	0.141	0.214	0.127	-0.150
6391	63.90	-0.584	-1.080	-1.514	-1.784	-1.847	-1.732	-1.516	-1.281	-1.072	-0.879
6401	64.00	-0.651	-0.334	0.083	0.549	0.959	1.195	1.178	0.908	0.471	0.015
6411	64.10	-0.300	-0.357	-0.121	0.360	0.975	1.591	2.099	2.439	2.604	2.625
6421	64.20	2.548	2.409	2.222	1.979	1.659	1.245	0.729	0.120	-0.555	-1.260
6431	64.30	-1.950	-2.576	-3.088	-3.441	-3.604	-3.568	-3.355	-3.013	-2.602	-2.175
6441	64.40	-1.760	-1.350	-0.917	-0.440	0.067	0.534	0.843	0.869	0.541	-0.114
6451	64.50	-0.949	-1.732	-2.219	-2.244	-1.785	-0.973	-0.041	0.771	1.310	1.560
6461	64.60	1.633	1.690	1.847	2.111	2.368	2.465	2.204	1.623	0.818	-0.002
6471	64.70	-0.632	-0.964	-1.041	-1.018	-1.084	-1.355	-1.807	-2.295	-2.619	-2.640
6481	64.80	-2.353	-1.900	-1.507	-1.374	-1.580	-2.044	-2.568	-2.927	-2.976	-2.704
6491	64.90	-2.229	-1.731	-1.359	-1.172	-1.118	-1.082	-0.946	-0.649	-0.203	0.319

Table 7-15-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.834	1.284	1.653	1.952	2.201	2.408	2.565	2.665	2.714	2.740
6511	65.10	2.773	2.830	2.893	2.914	2.837	2.634	2.323	1.967	1.666	1.421
6521	65.20	1.303	1.260	1.240	1.207	1.165	1.151	1.207	1.341	1.507	1.619
6531	65.30	1.591	1.386	1.037	0.638	0.300	0.094	0.021	0.022	0.017	-0.040
6541	65.40	-0.137	-0.210	-0.193	-0.066	0.119	0.262	0.277	0.148	-0.038	-0.127
6551	65.50	0.024	0.462	1.089	1.692	2.024	1.922	1.385	0.576	-0.248	-0.856
6561	65.60	-1.136	-1.133	-1.004	-0.920	-0.973	-1.132	-1.276	-1.276	-1.081	-0.755
6571	65.70	-0.455	-0.343	-0.502	-0.890	-1.364	-1.757	-1.964	-1.995	-1.958	-1.985
6581	65.80	-2.142	-2.384	-2.561	-2.501	-2.101	-1.395	-0.548	0.213	0.701	0.859
6591	65.90	0.773	0.623	0.580	0.720	0.978	1.185	1.154	0.783	0.113	-0.679
6601	66.00	-1.352	-1.705	-1.659	-1.284	-0.765	-0.317	-0.094	-0.131	-0.339	-0.550
6611	66.10	-0.598	-0.387	0.064	0.636	1.149	1.438	1.411	1.082	0.567	0.038
6621	66.20	-0.341	-0.468	-0.339	-0.035	0.315	0.592	0.737	0.770	0.767	0.811
6631	66.30	0.948	1.148	1.325	1.376	1.240	0.936	0.557	0.230	0.049	0.025
6641	66.40	0.080	0.088	-0.049	-0.337	-0.669	-0.871	-0.788	-0.375	0.256	0.868
6651	66.50	1.198	1.078	0.525	-0.255	-0.951	-1.283	-1.139	-0.634	-0.066	0.212
6661	66.60	-0.047	-0.865	-2.024	-3.148	-3.855	-3.913	-3.321	-2.299	-1.179	-0.274
6671	66.70	0.243	0.374	0.264	0.103	0.038	0.110	0.268	0.410	0.454	0.378
6681	66.80	0.222	0.051	-0.086	-0.185	-0.281	-0.417	-0.598	-0.771	-0.843	-0.716
6691	66.90	-0.349	0.215	0.849	1.387	1.687	1.686	1.423	1.022	0.636	0.387
6701	67.00	0.325	0.419	0.584	0.727	0.789	0.767	0.704	0.658	0.668	0.728
6711	67.10	0.787	0.774	0.630	0.334	-0.077	-0.524	-0.912	-1.164	-1.246	-1.177
6721	67.20	-1.019	-0.852	-0.740	-0.713	-0.755	-0.814	-0.825	-0.731	-0.504	-0.158
6731	67.30	0.263	0.693	1.067	1.337	1.488	1.539	1.537	1.549	1.635	1.835
6741	67.40	2.148	2.530	2.898	3.158	3.231	3.083	2.745	2.306	1.881	1.574
6751	67.50	1.435	1.442	1.508	1.512	1.351	0.977	0.412	-0.261	-0.934	-1.517
6761	67.60	-1.960	-2.263	-2.457	-2.579	-2.653	-2.685	-2.678	-2.643	-2.613	-2.628
6771	67.70	-2.719	-2.883	-3.071	-3.204	-3.200	-3.010	-2.638	-2.138	-1.589	-1.057
6781	67.80	-0.572	-0.127	0.301	0.718	1.098	1.383	1.515	1.477	1.313	1.130
6791	67.90	1.046	1.143	1.423	1.795	2.120	2.276	2.215	1.996	1.758	1.657
6801	68.00	1.783	2.113	2.511	2.783	2.758	2.361	1.643	0.757	-0.113	-0.826
6811	68.10	-1.332	-1.676	-1.954	-2.250	-2.594	-2.944	-3.216	-3.335	-3.274	-3.072
6821	68.20	-2.816	-2.589	-2.435	-2.336	-2.224	-2.029	-1.711	-1.292	-0.844	-0.448
6831	68.30	-0.156	0.044	0.222	0.474	0.871	1.420	2.055	2.663	3.131	3.398
6841	68.40	3.471	3.422	3.341	3.289	3.267	3.217	3.053	2.714	2.201	1.587
6851	68.50	0.990	0.525	0.253	0.156	0.148	0.117	-0.021	-0.285	-0.620	-0.932
6861	68.60	-1.136	-1.203	-1.177	-1.162	-1.273	-1.582	-2.080	-2.672	-3.203	-3.518
6871	68.70	-3.516	-3.181	-2.594	-1.899	-1.257	-0.796	-0.571	-0.552	-0.644	-0.724
6881	68.80	-0.686	-0.478	-0.121	0.306	0.702	0.986	1.142	1.218	1.312	1.515
6891	68.90	1.863	2.300	2.694	2.885	2.760	2.314	1.665	1.015	0.561	0.403
6901	69.00	0.489	0.630	0.576	0.140	-0.712	-1.824	-2.909	-3.662	-3.888	-3.583
6911	69.10	-2.927	-2.201	-1.661	-1.431	-1.464	-1.597	-1.648	-1.522	-1.262	-1.025
6921	69.20	-0.986	-1.238	-1.725	-2.260	-2.605	-2.591	-2.201	-1.590	-1.010	-0.702
6931	69.30	-0.774	-1.156	-1.629	-1.921	-1.827	-1.293	-0.426	0.567	1.475	2.173
6941	69.40	2.656	3.009	3.339	3.697	4.050	4.295	4.326	4.106	3.706	3.286
6951	69.50	3.029	3.055	3.358	3.803	4.182	4.302	4.078	3.564	2.932	2.388
6961	69.60	2.081	2.031	2.128	2.188	2.040	1.613	0.966	0.260	-0.319	-0.649
6971	69.70	-0.723	-0.652	-0.600	-0.706	-1.016	-1.463	-1.907	-2.208	-2.300	-2.217
6981	69.80	-2.080	-2.029	-2.155	-2.451	-2.819	-3.111	-3.202	-3.040	-2.660	-2.157
6991	69.90	-1.641	-1.183	-0.809	-0.503	-0.249	-0.051	0.061	0.056	-0.064	-0.242

Table 7-15-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.381	-0.378	-0.179	0.185	0.602	0.920	1.012	0.829	0.419	-0.100
7011	70.10	-0.596	-0.980	-1.232	-1.395	-1.529	-1.665	-1.774	-1.798	-1.672	-1.386
7021	70.20	-0.993	-0.617	-0.378	-0.352	-0.523	-0.793	-1.024	-1.102	-0.989	-0.737
7031	70.30	-0.459	-0.273	-0.244	-0.352	-0.498	-0.551	-0.402	-0.015	0.561	1.211
7041	70.40	1.796	2.203	2.380	2.350	2.194	2.015	1.900	1.892	1.976	2.090
7051	70.50	2.157	2.117	1.956	1.715	1.474	1.316	1.282	1.350	1.434	1.414
7061	70.60	1.191	0.737	0.115	-0.540	-1.071	-1.364	-1.394	-1.235	-1.021	-0.889
7071	70.70	-0.915	-1.092	-1.338	-1.548	-1.648	-1.627	-1.536	-1.449	-1.419	-1.435
7081	70.80	-1.630	-1.314	-1.021	-0.549	0.030	0.597	1.038	1.290	1.356	1.301
7091	70.90	1.207	1.136	1.104	1.083	1.027	0.907	0.732	0.548	0.420	0.398
7101	71.00	0.494	0.672	0.861	0.975	0.946	0.734	0.344	-0.183	-0.782	-1.373
7111	71.10	-1.877	-2.232	-2.406	-2.402	-2.257	-2.034	-1.797	-1.598	-1.455	-1.356
7121	71.20	-1.270	-1.164	-1.026	-0.870	-0.733	-0.655	-0.661	-0.749	-0.892	-1.046
7131	71.30	-1.171	-1.239	-1.240	-1.177	-1.052	-0.867	-0.616	-0.295	0.088	0.509
7141	71.40	0.934	1.325	1.660	1.938	2.184	2.439	2.740	3.106	3.522	3.938
7151	71.50	4.281	4.478	4.480	4.280	3.920	3.478	3.065	2.698	2.469	2.341
7161	71.60	2.257	2.144	1.948	1.651	1.286	0.913	0.597	0.379	0.259	0.198
7171	71.70	0.139	0.031	-0.156	-0.419	-0.734	-1.069	-1.400	-1.704	-1.966	-2.161
7181	71.80	-2.262	-2.249	-2.119	-1.906	-1.673	-1.497	-1.442	-1.531	-1.742	-2.017
7191	71.90	-2.293	-2.525	-2.699	-2.832	-2.940	-3.022	-3.052	-2.989	-2.810	-2.531
7201	72.00	-2.215	-1.946	-1.793	-1.767	-1.813	-1.830	-1.719	-1.440	-1.031	-0.599
7211	72.10	-0.270	-0.122	-0.151	-0.270	-0.355	-0.306	-0.106	0.179	0.427	0.530
7221	72.20	0.449	0.237	0.010	-0.114	-0.073	0.108	0.333	0.493	0.527	0.453
7231	72.30	0.363	0.368	0.535	0.845	1.199	1.463	1.533	1.392	1.116	0.835
7241	72.40	0.678	0.705	0.839	1.136	1.336	1.422	1.398	1.331	1.307	1.381
7251	72.50	1.540	1.708	1.780	1.672	1.362	0.900	0.382	-0.085	-0.429	-0.634
7261	72.60	-0.729	-0.765	-0.783	-0.794	-0.781	-0.714	-0.576	-0.377	-0.158	0.026
7271	72.70	0.126	0.118	0.010	-0.163	-0.355	-0.525	-0.651	-0.729	-0.772	-0.792
7281	72.80	-0.793	-0.759	-0.663	-0.477	-0.187	0.194	0.618	1.016	1.318	1.482
7291	72.90	1.511	1.461	1.417	1.464	1.640	1.922	2.224	2.431	2.450	2.252
7301	73.00	1.885	1.462	1.108	0.910	0.880	0.952	1.021	0.993	0.835	0.586
7311	73.10	0.334	0.169	0.133	0.196	0.275	0.271	0.126	-0.153	-0.498	-0.821
7321	73.20	-1.065	-1.232	-1.375	-1.566	-1.836	-2.145	-2.383	-2.416	-2.154	-1.599
7331	73.30	-0.862	-0.122	0.441	0.719	0.713	0.516	0.267	0.076	-0.017	-0.044
7341	73.40	-0.078	-0.169	-0.311	-0.430	-0.429	-0.240	0.128	0.579	0.961	1.132
7351	73.50	1.020	0.656	0.157	-0.322	-0.657	-0.798	-0.786	-0.719	-0.703	-0.803
7361	73.60	-1.020	-1.298	-1.560	-1.749	-1.851	-1.901	-1.960	-2.078	-2.272	-2.508
7371	73.70	-2.719	-2.826	-2.774	-2.554	-2.200	-1.783	-1.377	-1.039	-0.782	-0.583
7381	73.80	-0.397	-0.180	0.083	0.372	0.641	0.835	0.925	0.921	0.870	0.839
7391	73.90	0.879	1.002	1.170	1.319	1.387	1.350	1.237	1.117	1.058	1.094
7401	74.00	1.195	1.283	1.266	1.093	0.783	0.432	0.167	0.095	0.243	0.545
7411	74.10	0.872	1.083	1.095	0.914	0.627	0.350	0.167	0.083	0.023	-0.131
7421	74.20	-0.471	-1.008	-1.655	-2.249	-2.621	-2.656	-2.365	-1.786	-1.142	-0.579
7431	74.30	-0.211	-0.058	-0.058	-0.095	-0.048	0.159	0.538	1.030	1.527	1.910
7441	74.40	2.088	2.028	1.773	1.425	1.117	0.961	1.009	1.227	1.510	1.720
7451	74.50	1.746	1.553	1.204	0.831	0.581	0.554	0.754	1.088	1.414	1.600
7461	74.60	1.586	1.406	1.165	0.982	0.921	0.963	1.010	0.933	0.640	0.125
7471	74.70	-0.520	-1.145	-1.598	-1.787	-1.713	-1.457	-1.139	-0.860	-0.666	-0.544
7481	74.80	-0.439	-0.302	-0.116	0.090	0.261	0.345	0.332	0.257	0.193	0.213
7491	74.90	0.359	0.618	0.928	1.204	1.377	1.428	1.391	1.341	1.348	1.444

Table 7-15-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	1.598	1.721	1.705	1.474	1.024	0.435	-0.146	-0.567	-0.727	-0.628
7511	75.10	-0.374	-0.133	-0.074	-0.292	-0.775	-1.406	-2.022	-2.481	-2.724	-2.796
7521	75.20	-2.817	-2.916	-3.165	-3.536	-3.912	-4.133	-4.077	-3.716	-3.134	-2.494
7531	75.30	-1.974	-1.685	-1.627	-1.695	-1.724	-1.565	-1.153	-0.529	0.169	0.772
7541	75.40	1.141	1.224	1.069	0.792	0.535	0.399	0.420	0.564	0.753	0.908
7551	75.50	0.981	0.967	0.896	0.804	0.712	0.612	0.482	0.306	0.091	-0.120
7561	75.60	-0.271	-0.318	-0.261	-0.153	-0.086	-0.150	-0.388	-0.761	-1.160	-1.437
7571	75.70	-1.475	-1.233	-0.779	-0.260	0.155	0.346	0.292	0.075	-0.153	-0.248
7581	75.80	-0.131	0.180	0.580	0.936	1.145	1.180	1.095	0.993	0.977	1.102
7591	75.90	1.362	1.706	2.067	2.400	2.688	2.934	3.134	3.258	3.252	3.062
7601	76.00	2.670	2.119	1.512	0.980	0.630	0.501	0.546	0.652	0.687	0.554
7611	76.10	0.228	-0.238	-0.744	-1.187	-1.504	-1.684	-1.763	-1.797	-1.829	-1.875
7621	76.20	-1.927	-1.970	-1.996	-2.013	-2.033	-2.063	-2.086	-2.067	-1.965	-1.751
7631	76.30	-1.432	-1.050	-0.666	-0.339	-0.101	0.052	0.150	0.229	0.310	0.389
7641	76.40	0.443	0.453	0.418	0.370	0.359	0.433	0.609	0.863	1.133	1.343
7651	76.50	1.440	1.408	1.279	1.109	0.952	0.834	0.746	0.654	0.530	0.367
7661	76.60	0.196	0.067	0.023	0.078	0.205	0.344	0.439	0.458	0.411	0.340
7671	76.70	0.291	0.285	0.301	0.290	0.206	0.037	-0.175	-0.348	-0.399	-0.288
7681	76.80	-0.046	0.233	0.436	0.484	0.378	0.202	0.079	0.113	0.326	0.643
7691	76.90	0.920	1.013	0.848	0.460	-0.019	-0.419	-0.608	-0.550	-0.310	-0.018
7701	77.00	0.206	0.302	0.299	0.286	0.356	0.553	0.845	1.143	1.349	1.407
7711	77.10	1.326	1.170	1.015	0.905	0.830	0.732	0.553	0.273	-0.065	-0.370
7721	77.20	-0.543	-0.532	-0.357	-0.105	0.109	0.192	0.116	-0.080	-0.316	-0.512
7731	77.30	-0.633	-0.695	-0.753	-0.863	-1.052	-1.301	-1.560	-1.768	-1.885	-1.907
7741	77.40	-1.865	-1.804	-1.767	-1.780	-1.844	-1.942	-2.046	-2.121	-2.133	-2.056
7751	77.50	-1.882	-1.632	-1.353	-1.109	-0.957	-0.920	-0.970	-1.037	-1.037	-0.913
7761	77.60	-0.667	-0.364	-0.105	0.028	0.014	-0.086	-0.159	-0.093	0.160	0.554
7771	77.70	0.966	1.256	1.333	1.208	0.984	0.802	0.761	0.865	1.012	1.049
7781	77.80	0.858	0.425	-0.138	-0.641	-0.905	-0.854	-0.549	-0.163	0.197	0.136
7791	77.90	-0.069	-0.383	-0.631	-0.689	-0.546	-0.307	-0.130	-0.134	-0.325	-0.587
7801	78.00	-0.745	-0.658	-0.305	0.199	0.651	0.862	0.754	0.398	-0.018	-0.286
7811	78.10	-0.282	-0.020	0.360	0.677	0.810	0.762	0.658	0.671	0.923	1.408
7821	78.20	1.990	2.462	2.654	2.514	2.133	1.699	1.394	1.303	1.377	1.466
7831	78.30	1.409	1.130	0.685	0.240	-0.014	0.041	0.384	0.864	1.271	1.438
7841	78.40	1.317	0.996	0.646	0.426	0.406	0.530	0.655	0.632	0.384	-0.053
7851	78.50	-0.546	-0.935	-1.114	-1.075	-0.911	-0.760	-0.736	-0.874	-1.117	-1.355
7861	78.60	-1.478	-1.430	-1.231	-0.959	-0.706	-0.540	-0.682	-0.510	-0.586	-0.678
7871	78.70	-0.776	-0.881	-0.991	-1.080	-1.106	-1.023	-0.812	-0.495	-0.139	0.166
7881	78.80	0.335	0.327	0.150	-0.136	-0.442	-0.679	-0.780	-0.712	-0.482	-0.132
7891	78.90	0.270	0.645	0.917	1.032	0.973	0.774	0.507	0.267	0.137	0.164
7901	79.00	0.341	0.612	0.896	1.116	1.228	1.226	1.141	1.014	0.887	0.785
7911	79.10	0.718	0.689	0.697	0.741	0.814	0.902	0.981	1.028	1.029	0.987
7921	79.20	0.918	0.838	0.751	0.643	0.687	0.263	-0.022	-0.329	-0.601	-0.787
7931	79.30	-0.873	-0.900	-0.949	-1.103	-1.409	-1.842	-2.314	-2.707	-2.921	-2.919
7941	79.40	-2.737	-2.459	-2.170	-1.916	-1.691	-1.451	-1.162	-0.836	-0.541	-0.370
7951	79.50	-0.391	-0.595	-0.882	-1.089	-1.063	-0.729	-0.138	0.548	1.115	1.385
7961	79.60	1.285	0.875	0.316	-0.197	-0.514	-0.572	-0.407	-0.113	0.207	0.486
7971	79.70	0.706	0.886	1.053	1.217	1.355	1.429	1.400	1.255	1.016	0.734
7981	79.80	0.471	0.284	0.200	0.216	0.297	0.391	0.442	0.412	0.298	0.137
7991	79.90	-0.006	-0.055	0.042	0.284	0.614	0.931	1.132	1.156	1.017	0.796

Table 7-15-17

TABLE OF CORRECTED ACCELERATION RECORD

NO.17

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	0.611	0.556	0.658	0.859	1.043	1.090	0.939	0.619	0.234	-0.085
8011	80.10	-0.247	-0.245	-0.154	-0.085	-0.123	-0.276	-0.466	-0.570	-0.490	-0.210
8021	80.20	0.181	0.520	0.644	0.459	-0.016	-0.660	-1.303	-1.794	-2.058	-2.108
8031	80.30	-2.017	-1.866	-1.708	-1.549	-1.367	-1.145	-0.892	-0.646	-0.451	-0.319
8041	80.40	-0.218	-0.077	0.180	0.583	1.090	1.590	1.943	2.035	1.833	1.400
8051	80.50	0.873	0.412	0.137	0.087	0.216	0.417	0.574	0.609	0.502	0.295
8061	80.60	0.064	-0.114	-0.197	-0.184	-0.117	-0.061	-0.075	-0.194	-0.415	-0.694
8071	80.70	-0.967	-1.168	-1.253	-1.218	-1.096	-0.949	-0.845	-0.825	-0.898	-1.034
8081	80.80	-1.178	-1.275	-1.284	-1.189	-0.995	-0.718	-0.377	0.008	0.403	0.761
8091	80.90	1.019	1.119	1.030	0.777	0.441	0.142	-0.005	0.061	0.319	0.669
8101	81.00	0.969	1.098	1.007	0.737	0.406	0.148	0.062	0.165	0.392	0.633
8111	81.10	0.778	0.767	0.609	0.363	0.110	-0.091	-0.215	-0.275	-0.299	-0.312
8121	81.20	-0.322	-0.327	-0.323	-0.315	-0.317	-0.334	-0.357	-0.354	-0.284	-0.122
8131	81.30	0.122	0.397	0.630	0.762	0.775	0.710	0.647	0.664	0.798	1.016
8141	81.40	1.231	1.343	1.284	1.060	0.740	0.426	0.198	0.073	0.001	-0.102
8151	81.50	-0.305	-0.613	-0.957	-1.225	-1.314	-1.189	-0.899	-0.561	-0.304	-0.209
8161	81.60	-0.275	-0.429	-0.568	-0.611	-0.539	-0.398	-0.259	-0.178	-0.158	-0.152
8171	81.70	-0.099	0.038	0.234	0.411	0.479	0.382	0.140	-0.153	-0.375	-0.432
8181	81.80	-0.309	-0.080	0.131	0.213	0.127	-0.069	-0.251	-0.289	-0.122	0.214
8191	81.90	0.592	0.860	0.913	0.745	0.451	0.184	0.076	0.177	0.434	0.716
8201	82.00	0.884	0.854	0.637	0.326	0.052	-0.086	-0.061	0.074	0.221	0.288
8211	82.10	0.239	0.106	-0.028	-0.078	0.003	0.196	0.428	0.602	0.642	0.520
8221	82.20	0.261	-0.068	-0.397	-0.674	-0.881	-1.026	-1.133	-1.222	-1.298	-1.355
8231	82.30	-1.381	-1.369	-1.320	-1.238	-1.129	-0.996	-0.835	-0.647	-0.442	-0.244
8241	82.40	-0.089	-0.019	-0.065	-0.231	-0.495	-0.804	-1.090	-1.283	-1.334	-1.228
8251	82.50	-0.985	-0.660	-0.323	-0.041	0.146	0.233	0.253	0.267	0.338	0.508
8261	82.60	0.788	1.143	1.514	1.829	2.032	2.094	2.022	1.848	1.615	1.363
8271	82.70	1.121	0.903	0.715	0.561	0.441	0.354	0.294	0.243	0.176	0.073
8281	82.80	-0.076	-0.260	-0.444	-0.584	-0.638	-0.588	-0.446	-0.257	-0.083	0.021
8291	82.90	0.023	-0.069	-0.211	-0.344	-0.413	-0.390	-0.288	-0.150	-0.028	0.038
8301	83.00	0.045	0.026	0.036	0.125	0.307	0.548	0.771	0.891	0.843	0.621
8311	83.10	0.281	-0.082	-0.366	-0.511	-0.519	-0.448	-0.381	-0.363	-0.466	-0.586
8321	83.20	-0.667	-0.645	-0.506	-0.301	-0.124	-0.066	-0.168	-0.387	-0.616	-0.723
8331	83.30	-0.616	-0.285	0.181	0.634	0.926	0.969	0.776	0.445	0.125	-0.053
8341	83.40	-0.018	0.218	0.576	0.955	1.269	1.477	1.582	1.618	1.617	1.601
8351	83.50	1.570	1.518	1.436	1.330	1.208	1.082	0.951	0.803	0.623	0.396
8361	83.60	0.122	-0.186	-0.506	-0.816	-1.099	-1.345	-1.551	-1.713	-1.832	-1.914
8371	83.70	-1.980	-2.061	-2.195	-2.405	-2.685	-2.990	-3.252	-3.397	-3.377	-3.191
8381	83.80	-2.886	-2.533	-2.199	-1.919	-1.686	-1.462	-1.206	-0.901	-0.561	-0.227
8391	83.90	0.064	0.298	0.498	0.706	0.955	1.242	1.522	1.718	1.768	1.659
8401	84.00	1.442	1.226	1.122	1.199	1.442	1.755	1.998	2.050	1.861	1.476
8411	84.10	1.013	0.611	0.369	0.306	0.357	0.413	0.374	0.198	-0.082	-0.372
8421	84.20	-0.564	-0.583	-0.420	-0.134	0.173	0.400	0.482	0.414	0.244	0.056
8431	84.30	-0.066	-0.063	0.083	0.346	0.669	0.984	1.233	1.384	1.443	1.446
8441	84.40	1.442	1.475	1.556	1.657	1.719	1.676	1.489	1.166	0.769	0.390
8451	84.50	0.115	-0.019	-0.039	-0.029	-0.088	-0.280	-0.603	-0.978	-1.286	-1.424
8461	84.60	-1.351	-1.117	-0.842	-0.660	-0.666	-0.867	-1.183	-1.489	-1.667	-1.667
8471	84.70	-1.516	-1.305	-1.135	-1.067	-1.100	-1.175	-1.216	-1.175	-1.053	-0.896
8481	84.80	-0.759	-0.663	-0.579	-0.435	-0.158	0.273	0.804	1.314	1.664	1.758
8491	84.90	1.596	1.275	0.947	0.752	0.749	0.894	1.059	1.098	0.926	0.558

Table 7-15-18

TABLE OF CORRECTED ACCELERATION RECORD

NO.18

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.107	-0.267	-0.435	-0.358	-0.105	0.183	0.358	0.336	0.128	-0.167
8511	85.10	-0.420	-0.532	-0.480	-0.320	-0.151	-0.061	-0.081	-0.170	-0.224	-0.221
8521	85.20	-0.072	0.162	0.384	0.487	0.406	0.150	-0.200	-0.520	-0.699	-0.685
8531	85.30	-0.498	-0.225	0.020	0.148	0.124	-0.019	-0.199	-0.320	-0.307	-0.140
8541	85.40	0.145	0.472	0.752	0.921	0.954	0.877	0.751	0.640	0.590	0.606
8551	85.50	0.654	0.678	0.628	0.487	0.276	0.050	-0.128	-0.220	-0.226	-0.188
8561	85.60	-0.167	-0.207	-0.315	-0.450	-0.546	-0.546	-0.433	-0.246	-0.068	0.012
8571	85.70	-0.057	-0.263	-0.534	-0.772	-0.896	-0.882	-0.773	-0.650	-0.594	-0.642
8581	85.80	-0.767	-0.892	-0.936	-0.855	-0.669	-0.458	-0.323	-0.335	-0.504	-0.771
8591	85.90	-1.032	-1.189	-1.188	-1.043	-0.818	-0.598	-0.445	-0.376	-0.360	-0.345
8601	86.00	-0.282	-0.147	0.049	0.276	0.499	0.691	0.839	0.936	0.975	0.948
8611	86.10	0.853	0.701	0.526	0.377	0.301	0.320	0.424	0.569	0.695	0.753
8621	86.20	0.726	0.630	0.508	0.399	0.328	0.290	0.267	0.239	0.202	0.169
8631	86.30	0.161	0.185	0.229	0.258	0.236	0.146	0.005	-0.142	-0.243	-0.264
8641	86.40	-0.210	-0.120	-0.050	-0.033	-0.067	-0.108	-0.099	-0.001	0.176	0.378
8651	86.50	0.528	0.567	0.489	0.344	0.213	0.167	0.225	0.343	0.439	0.436
8661	86.60	0.311	0.111	-0.068	-0.129	-0.026	0.203	0.451	0.595	0.556	0.339
8671	86.70	0.034	-0.231	-0.355	-0.317	-0.185	-0.081	-0.111	-0.306	-0.598	-0.846
8681	86.80	-0.905	-0.696	-0.254	0.289	0.758	1.011	1.004	0.797	0.520	0.307
8691	86.90	0.228	0.262	0.323	0.309	0.165	-0.080	-0.334	-0.483	-0.458	-0.274
8701	87.00	-0.028	0.143	0.128	-0.102	-0.477	-0.862	-1.110	-1.130	-0.923	-0.577
8711	87.10	-0.229	0.002	0.058	-0.042	-0.217	-0.369	-0.427	-0.370	-0.227	-0.053
8721	87.20	0.098	0.198	0.248	0.263	0.259	0.242	0.205	0.141	0.052	-0.046
8731	87.30	-0.129	-0.184	-0.210	-0.227	-0.261	-0.325	-0.406	-0.463	-0.445	-0.313
8741	87.40	-0.063	0.265	0.604	0.883	1.060	1.133	1.135	1.113	1.097	1.084
8751	87.50	1.043	0.925	0.703	0.382	0.011	-0.338	-0.593	-0.710	-0.679	-0.519
8761	87.60	-0.269	0.031	0.344	0.638	0.877	1.024	1.049	0.951	0.760	0.539
8771	87.70	0.363	0.281	0.292	0.341	0.340	0.211	-0.068	-0.444	-0.805	-1.027
8781	87.80	-1.034	-0.833	-0.519	-0.231	-0.087	-0.130	-0.316	-0.535	-0.677	-0.689
8791	87.90	-0.601	-0.513	-0.533	-0.717	-1.035	-1.380	-1.622	-1.677	-1.555	-1.357
8801	88.00	-1.230	-1.286	-1.546	-1.922	-2.256	-2.396	-2.268	-1.911	-1.455	-1.058
8811	88.10	-0.826	-0.770	-0.804	-0.800	-0.656	-0.357	0.022	0.351	0.516	0.482
8821	88.20	0.311	0.137	0.099	0.272	0.631	1.062	1.413	1.569	1.502	1.281
8831	88.30	1.041	0.914	0.975	1.209	1.527	1.805	1.946	1.911	1.733	1.483
8841	88.40	1.238	1.038	0.876	0.710	0.493	0.206	-0.128	-0.448	-0.682	-0.777
8851	88.50	-0.724	-0.562	-0.358	-0.185	-0.086	-0.065	-0.077	-0.066	0.026	0.221
8861	88.60	0.497	0.790	1.013	1.090	0.983	0.707	0.333	-0.032	-0.283	-0.349
8871	88.70	-0.216	0.063	0.394	0.666	0.803	0.781	0.643	0.476	0.377	0.411
8881	88.80	0.582	0.835	1.077	1.213	1.191	1.015	0.743	0.461	0.239	0.108
8891	88.90	0.047	0.002	-0.081	-0.230	-0.429	-0.627	-0.766	-0.812	-0.771	-0.687
8901	89.00	-0.618	-0.602	-0.640	-0.696	-0.719	-0.679	-0.589	-0.504	-0.499	-0.623
8911	89.10	-0.869	-1.162	-1.389	-1.439	-1.260	-0.879	-0.394	0.066	0.399	0.566
8921	89.20	0.601	0.580	0.576	0.616	0.669	0.669	0.556	0.317	0.004	-0.287
8931	89.30	-0.457	-0.453	-0.294	-0.058	0.158	0.280	0.296	0.248	0.206	0.222
8941	89.40	0.299	0.393	0.435	0.378	0.225	0.029	-0.129	-0.190	-0.149	-0.059
8951	89.50	-0.009	-0.074	-0.274	-0.561	-0.839	-1.009	-1.019	-0.886	-0.687	-0.523
8961	89.60	-0.468	-0.542	-0.707	-0.887	-1.011	-1.038	-0.969	-0.836	-0.676	-0.516
8971	89.70	-0.368	-0.238	-0.137	-0.086	-0.104	-0.190	-0.312	-0.401	-0.382	-0.203
8981	89.80	0.136	0.576	1.020	1.372	1.574	1.627	1.580	1.494	1.413	1.337
8991	89.90	1.234	1.073	0.852	0.620	0.458	0.443	0.605	0.896	1.212	1.427

Table 7−15−19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	1.448	1.262	0.932	0.570	0.281	0.122	0.081	0.099	0.113	0.092
9011	90.10	0.053	0.044	0.103	0.223	0.342	0.363	0.207	-0.145	-0.624	-1.101
9021	90.20	-1.434	-1.532	-1.395	-1.115	-0.830	-0.670	-0.692	-0.870	-1.107	-1.287
9031	90.30	-1.326	-1.204	-0.964	-0.685	-0.435	-0.244	-0.098	0.041	0.209	0.413
9041	90.40	0.621	0.782	0.849	0.802	0.662	0.478	0.308	0.192	0.137	0.116
9051	90.50	0.084	-0.002	-0.164	-0.394	-0.656	-0.902	-1.084	-1.176	-1.178	-1.120
9061	90.60	-1.046	-1.002	-1.019	-1.094	-1.199	-1.280	-1.286	-1.185	-0.986	-0.736
9071	90.70	-0.506	-0.365	-0.355	-0.471	-0.662	-0.852	-0.967	-0.960	-0.827	-0.595
9081	90.80	-0.311	-0.019	0.256	0.500	0.712	0.882	0.998	1.044	1.017	0.938
9091	90.90	0.849	0.801	0.826	0.922	1.042	1.116	1.081	0.909	0.631	0.323
9101	91.00	0.080	-0.028	0.014	0.161	0.331	0.443	0.458	0.396	0.323	0.316
9111	91.10	0.422	0.629	0.869	1.050	1.099	1.000	0.805	0.612	0.523	0.599
9121	91.20	0.833	1.151	1.446	1.628	1.656	1.556	1.403	1.287	1.270	1.360
9131	91.30	1.515	1.658	1.716	1.646	1.451	1.170	0.853	0.544	0.258	-0.012
9141	91.40	-0.286	-0.579	-0.890	-1.198	-1.475	-1.699	-1.861	-1.974	-2.056	-2.126
9151	91.50	-2.188	-2.234	-2.249	-2.223	-2.158	-2.071	-1.986	-1.920	-1.872	-1.818
9161	91.60	-1.725	-1.560	-1.311	-0.995	-0.657	-0.350	-0.124	0.000	0.032	0.008
9171	91.70	-0.019	-0.002	0.089	0.261	0.496	0.759	1.008	1.204	1.317	1.331
9181	91.80	1.251	1.101	0.919	0.747	0.620	0.553	0.533	0.530	0.500	0.412
9191	91.90	0.251	0.030	-0.216	-0.447	-0.630	-0.747	-0.797	-0.792	-0.748	-0.680
9201	92.00	-0.601	-0.525	-0.466	-0.434	-0.431	-0.437	-0.420	-0.340	-0.176	0.063
9211	92.10	0.329	0.551	0.663	0.636	0.498	0.331	0.238	0.296	0.521	0.853
9221	92.20	1.178	1.375	1.367	1.158	0.823	0.480	0.232	0.125	0.136	0.186
9231	92.30	0.190	0.096	-0.088	-0.303	-0.470	-0.535	-0.490	-0.379	-0.269	-0.218
9241	92.40	-0.242	-0.313	-0.375	-0.375	-0.288	-0.130	0.048	0.192	0.266	0.269
9251	92.50	0.236	0.217	0.260	0.394	0.614	0.893	1.191	1.465	1.681	1.822
9261	92.60	1.882	1.871	1.805	1.701	1.573	1.424	1.253	1.055	0.833	0.603
9271	92.70	0.391	0.227	0.124	0.071	0.022	-0.080	-0.286	-0.612	-1.020	-1.434
9281	92.80	-1.762	-1.939	-1.950	-1.843	-1.700	-1.608	-1.615	-1.713	-1.850	-1.962
9291	92.90	-2.004	-1.973	-1.905	-1.843	-1.813	-1.795	-1.740	-1.591	-1.324	-0.966
9301	93.00	-0.590	-0.281	-0.092	-0.013	0.022	0.112	0.330	0.686	1.119	1.517
9311	93.10	1.775	1.836	1.726	1.531	1.359	1.283	1.307	1.369	1.372	1.238
9321	93.20	0.949	0.553	0.150	-0.161	-0.324	-0.350	-0.302	-0.270	-0.322	-0.477
9331	93.30	-0.706	-0.946	-1.138	-1.252	-1.295	-1.300	-1.307	-1.337	-1.384	-1.422
9341	93.40	-1.421	-1.364	-1.253	-1.105	-0.941	-0.774	-0.598	-0.400	-0.168	0.101
9351	93.50	0.388	0.667	0.911	1.107	1.261	1.393	1.528	1.681	1.851	2.022
9361	93.60	2.170	2.275	2.331	2.340	2.309	2.236	2.115	1.953	1.686	1.384
9371	93.70	1.062	0.768	0.543	0.407	0.343	0.303	0.226	0.065	-0.192	-0.517
9381	93.80	-0.855	-1.149	-1.365	-1.508	-1.611	-1.717	-1.848	-1.992	-2.104	-2.135
9391	93.90	-2.056	-1.882	-1.669	-1.490	-1.398	-1.399	-1.441	-1.442	-1.324	-1.060
9401	94.00	-0.687	-0.298	0.002	0.140	0.114	-0.013	-0.137	-0.167	-0.063	0.150
9411	94.10	0.399	0.606	0.727	0.773	0.799	0.863	0.988	1.141	1.241	1.199
9421	94.20	0.968	0.573	0.108	-0.298	-0.543	-0.591	-0.491	-0.353	-0.291	-0.369
9431	94.30	-0.572	-0.813	-0.977	-0.978	-0.800	-0.503	-0.192	0.034	0.134	0.142
9441	94.40	0.147	0.244	0.486	0.848	1.233	1.518	1.606	1.473	1.184	0.865
9451	94.50	0.651	0.632	0.815	1.129	1.455	1.678	1.730	1.608	1.368	1.092
9461	94.60	0.851	0.681	0.580	0.522	0.474	0.420	0.357	0.287	0.204	0.088
9471	94.70	-0.096	-0.375	-0.751	-1.187	-1.613	-1.947	-2.122	-2.117	-1.966	-1.746
9481	94.80	-1.548	-1.443	-1.455	-1.557	-1.678	-1.742	-1.695	-1.528	-1.277	-1.007
9491	94.90	-0.783	-0.642	-0.581	-0.559	-0.520	-0.415	-0.229	0.019	0.283	0.517

Table 7−15−20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1207 S104-GR-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 45.089 (GAL) T= 22.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	0.696	0.829	0.952	1.106	1.316	1.563	1.794	1.934	1.927	1.759
9511	95.10	1.479	1.175	0.947	0.861	0.923	1.075	1.224	1.283	1.220	1.064
9521	95.20	0.898	0.815	0.869	1.048	1.278	1.454	1.494	1.378	1.154	0.917
9531	95.30	0.757	0.715	0.758	0.796	0.730	0.501	0.128	-0.298	-0.647	-0.816
9541	95.40	-0.771	-0.567	-0.322	-0.171	-0.205	-0.440	-0.812	-1.212	-1.532	-1.708
9551	95.50	-1.736	-1.664	-1.564	-1.496	-1.487	-1.534	-1.607	-1.675	-1.717	-1.722
9561	95.60	-1.689	-1.615	-1.495	-1.320	-1.086	-0.804	-0.501	-0.216	0.012	0.151
9571	95.70	0.190	0.140	0.029	-0.100	-0.201	-0.238	-0.189	-0.059	0.124	0.312
9581	95.80	0.452	0.509	0.477	0.388	0.299	0.270	0.336	0.488	0.672	0.811
9591	95.90	0.832	0.707	0.457	0.153	-0.122	-0.305	-0.383	-0.391	-0.392	-0.444
9601	96.00	-0.563	-0.716	-0.832	-0.839	-0.698	-0.421	-0.074	0.260	0.509	0.649
9611	96.10	0.704	0.732	0.792	0.912	1.077	1.240	1.347	1.367	1.310	1.226
9621	96.20	1.178	1.216	1.351	1.547	1.738	1.860	1.871	1.779	1.629	1.484
9631	96.30	1.398	1.388	1.432	1.472	1.448	1.320	1.085	0.777	0.454	0.166
9641	96.40	-0.063	-0.247	-0.429	-0.657	-0.962	-1.339	-1.741	-2.102	-2.362	-2.492
9651	96.50	-2.508	-2.465	-2.432	-2.462	-2.570	-2.723	-2.854	-2.895	-2.800	-2.575
9661	96.60	-2.270	-1.963	-1.728	-1.604	-1.585	-1.618	-1.632	-1.565	-1.388	-1.118
9671	96.70	-0.807	-0.521	-0.311	-0.198	-0.165	-0.168	-0.157	-0.095	0.022	0.171
9681	96.80	0.308	0.390	0.395	0.327	0.218	0.114	0.053	0.053	0.106	0.179
9691	96.90	0.235	0.244	0.199	0.115	0.022	-0.053	-0.095	-0.107	-0.102	-0.093
9701	97.00	-0.081	-0.053	0.013	0.135	0.311	0.515	0.707	0.850	0.923	0.938
9711	97.10	0.930	0.941	0.998	1.100	1.217	1.307	1.341	1.316	1.264	1.231
9721	97.20	1.258	1.349	1.475	1.578	1.605	1.533	1.384	1.216	1.095	1.064
9731	97.30	1.117	1.203	1.252	1.206	1.052	0.826	0.595	0.427	0.353	0.355
9741	97.40	0.373	0.338	0.207	-0.014	-0.273	-0.492	-0.603	-0.578	-0.436	-0.233
9751	97.50	-0.037	0.101	0.159	0.147	0.089	0.009	-0.079	-0.171	-0.263	-0.343
9761	97.60	-0.387	-0.371	-0.284	-0.137	0.038	0.197	0.303	0.348	0.350	0.345
9771	97.70	0.369	0.437	0.531	0.617	0.655	0.625	0.539	0.438	0.370	0.371
9781	97.80	0.446	0.572	0.706	0.808	0.857	0.857	0.828	0.785	0.733	0.657
9791	97.90	0.540	0.372	0.169	-0.031	-0.181	-0.248	-0.232	-0.171	-0.128	-0.164
9801	98.00	-0.308	-0.545	-0.822	-1.070	-1.233	-1.296	-1.284	-1.247	-1.237	-1.278
9811	98.10	-1.361	-1.443	-1.476	-1.424	-1.280	-1.066	-0.820	-0.579	-0.369	-0.202
9821	98.20	-0.082	-0.017	-0.015	-0.084	-0.219	-0.392	-0.553	-0.649	-0.642	-0.526
9831	98.30	-0.336	-0.131	0.025	0.095	0.077	0.005	-0.078	-0.140	-0.181	-0.228
9841	98.40	-0.322	-0.488	-0.718	-0.969	-1.180	-1.302	-1.318	-1.251	-1.153	-1.073
9851	98.50	-1.033	-1.018	-0.982	-0.876	-0.673	-0.392	-0.087	0.169	0.321	0.349
9861	98.60	0.279	0.168	0.075	0.038	0.064	0.126	0.190	0.228	0.238	0.240
9871	98.70	0.268	0.349	0.492	0.683	0.886	1.065	1.184	1.225	1.184	1.071
9881	98.80	0.901	0.692	0.461	0.222	-0.010	-0.218	-0.386	-0.498	-0.539	-0.506
9891	98.90	-0.409	-0.278	-0.156	-0.091	-0.118	-0.241	-0.424	-0.600	-0.688	-0.629
9901	99.00	-0.415	-0.097	0.228	0.452	0.503	0.379	0.152	-0.063	-0.152	-0.056
9911	99.10	0.203	0.533	0.810	0.939	0.887	0.702	0.477	0.308	0.247	0.276
9921	99.20	0.330	0.332	0.239	0.074	-0.090	-0.164	-0.091	0.118	0.384	0.594
9931	99.30	0.650	0.516	0.233	-0.095	-0.353	-0.459	-0.397	-0.219	-0.012	0.140

Table 7-16-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.163	0.581	1.166	1.451	1.385	1.015	0.469	-0.089	-0.512	-0.710
11	0.10	-0.667	-0.437	-0.114	0.198	0.422	0.519	0.494	0.378	0.208	0.016
21	0.20	-0.183	-0.382	-0.572	-0.732	-0.822	-0.799	-0.626	-0.299	0.142	0.622
31	0.30	1.044	1.327	1.428	1.362	1.193	1.010	0.888	0.859	0.898	0.934
41	0.40	0.880	0.677	0.318	-0.136	-0.578	-0.884	-0.962	-0.778	-0.367	0.180
51	0.50	0.754	1.258	1.661	1.899	2.061	2.162	2.219	2.215	2.103	1.831
61	0.60	1.372	0.741	0.008	-0.720	-1.328	-1.732	-1.897	-1.854	-1.681	-1.472
71	0.70	-1.307	-1.217	-1.179	-1.125	-0.971	-0.650	-0.142	0.517	1.233	1.887
81	0.80	2.357	2.557	2.454	2.074	1.494	0.819	0.159	-0.392	-0.774	-0.961
91	0.90	-0.966	-0.831	-0.620	-0.407	-0.264	-0.247	-0.380	-0.645	-0.983	-1.301
101	1.00	-1.500	-1.500	-1.275	-0.864	-0.366	0.089	0.380	0.433	0.254	-0.076
111	1.10	-0.427	-0.663	-0.691	-0.487	-0.105	0.342	0.729	0.954	0.970	0.796
121	1.20	0.495	0.150	-0.166	-0.415	-0.592	-0.718	-0.816	-0.893	-0.933	-0.898
131	1.30	-0.745	-0.450	-0.024	0.482	0.986	1.395	1.637	1.678	1.535	1.268
141	1.40	0.959	0.687	0.497	0.396	0.349	0.299	0.191	-0.007	-0.291	-0.625
151	1.50	-0.948	-1.193	-1.306	-1.250	-1.017	-0.625	-0.117	0.460	0.962	1.361
161	1.60	1.556	1.500	1.193	0.690	0.089	-0.491	-0.952	-1.238	-1.357	-1.364
171	1.70	-1.334	-1.326	-1.353	-1.377	-1.331	-1.151	-0.818	-0.373	0.096	0.481
181	1.80	0.707	0.756	0.671	0.539	0.439	0.409	0.433	0.454	0.420	0.317
191	1.90	0.193	0.137	0.230	0.494	0.860	1.188	1.320	1.160	0.729	0.175
201	2.00	-0.282	-0.449	-0.251	0.223	0.747	1.053	0.958	0.447	-0.303	-0.999
211	2.10	-1.360	-1.244	-0.725	-0.060	0.416	0.435	-0.079	-0.981	-1.962	-2.683
221	2.20	-2.910	-2.610	-1.947	-1.204	-0.654	-0.450	-0.574	-0.864	-1.096	-1.088
231	2.30	-0.768	-0.199	0.463	1.036	1.381	1.444	1.256	0.911	0.517	0.162
241	2.40	-0.110	-0.292	-0.405	-0.472	-0.501	-0.473	-0.350	-0.091	0.321	0.859
251	2.50	1.439	1.935	2.210	2.167	1.790	1.159	0.434	-0.202	-0.608	-0.734
261	2.60	-0.632	-0.429	-0.263	-0.226	-0.328	-0.511	-0.692	-0.817	-0.884	-0.940
271	2.70	-1.032	-1.155	-1.233	-1.134	-0.733	0.013	1.022	2.092	2.969	3.435
281	2.80	3.389	2.876	2.050	1.106	0.202	-0.585	-1.249	-1.803	-2.235	-2.476
291	2.90	-2.430	-2.031	-1.299	-0.366	0.556	1.257	1.606	1.613	1.411	1.189
301	3.00	1.100	1.188	1.368	1.473	1.346	0.918	0.253	-0.479	-1.074	-1.381
311	3.10	-1.362	-1.101	-0.756	-0.484	-0.376	-0.430	-0.563	-0.664	-0.653	-0.513
321	3.20	-0.292	-0.072	0.076	0.123	0.098	0.064	0.087	0.194	0.359	0.506
331	3.30	0.538	0.382	0.023	-0.481	-1.005	-1.402	-1.552	-1.407	-1.018	-0.517
341	3.40	-0.075	0.169	0.162	-0.038	-0.282	-0.392	-0.238	0.202	0.824	1.439
351	3.50	1.846	1.921	1.671	1.226	0.785	0.528	0.533	0.751	1.026	1.177
361	3.60	1.080	0.730	0.237	-0.227	-0.507	-0.543	-0.396	-0.218	-0.182	-0.005
371	3.70	-0.893	-1.542	-2.176	-2.623	-2.767	-2.585	-2.133	-1.516	-0.843	-0.198
381	3.80	0.360	0.792	1.068	1.160	1.057	0.775	0.366	-0.089	-0.504	-0.811
391	3.90	-0.978	-1.007	-0.912	-0.704	-0.376	0.085	0.672	1.330	1.957	2.418
401	4.00	2.602	2.461	2.042	1.476	0.924	0.517	0.308	0.257	0.270	0.256
411	4.10	0.174	0.059	-0.011	0.033	0.199	0.409	0.525	0.413	0.013	-0.624
421	4.20	-1.346	-1.955	-2.283	-2.257	-1.918	-1.390	-0.829	-0.364	-0.068	0.040
431	4.30	-0.026	-0.245	-0.592	-1.026	-1.469	-1.806	-1.908	-1.682	-1.123	-0.333
441	4.40	0.503	1.181	1.561	1.620	1.661	1.257	1.171	1.283	1.553	1.851
451	4.50	2.020	1.953	1.631	1.125	0.545	-0.013	-0.502	-0.926	-1.300	-1.608
461	4.60	-1.783	-1.724	-1.346	-0.643	0.290	1.262	2.054	2.493	2.515	2.178
471	4.70	1.629	1.041	0.540	0.172	-0.091	-0.322	-0.583	-0.895	-1.231	-1.534
481	4.80	-1.746	-1.833	-1.790	-1.635	-1.392	-1.082	-0.726	-0.344	0.030	0.353
491	4.90	0.583	0.693	0.676	0.548	0.339	0.079	-0.206	-0.493	-0.750	-0.936

Table 7-16-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-1.001	-0.912	-0.667	-0.315	0.057	0.344	0.472	0.427	0.269	0.109
511	5.10	0.071	0.239	0.625	1.164	1.742	2.235	2.552	2.653	2.549	2.286
521	5.20	1.914	1.483	1.030	0.590	0.197	-0.123	-0.361	-0.539	-0.707	-0.927
531	5.30	-1.243	-1.656	-2.108	-2.500	-2.725	-2.715	-2.471	-2.065	-1.613	-1.223
541	5.40	-0.957	-0.805	-0.695	-0.540	-0.277	0.101	0.536	0.935	1.207	1.300
551	5.50	1.217	1.004	0.724	0.431	0.158	-0.086	-0.296	-0.460	-0.556	-0.569
561	5.60	-0.504	-0.400	-0.319	-0.321	-0.425	-0.589	-0.717	-0.689	-0.419	0.099
571	5.70	0.772	1.435	1.913	2.086	1.938	1.564	1.126	0.787	0.643	0.692
581	5.80	0.848	0.986	1.001	0.853	0.572	0.233	-0.088	-0.345	-0.538	-0.691
591	5.90	-0.825	-0.936	-0.989	-0.945	-0.783	-0.528	-0.241	0.005	0.160	0.227
601	6.00	0.253	0.306	0.426	0.595	0.736	0.743	0.533	0.098	-0.486	-1.072
611	6.10	-1.506	-1.685	-1.598	-1.325	-1.005	-0.772	-0.708	-0.813	-1.022	-1.235
621	6.20	-1.360	-1.341	-1.167	-0.857	-0.449	0.016	0.490	0.910	1.205	1.299
631	6.30	1.141	0.733	0.138	-0.525	-1.118	-1.526	-1.685	-1.617	-1.383	-1.063
641	6.40	-0.709	-0.327	0.116	0.655	1.288	1.955	2.542	2.916	2.979	2.699
651	6.50	2.130	1.384	0.585	-0.168	-0.834	-1.413	-1.914	-2.324	-2.581	-2.596
661	6.60	-2.296	-1.673	-0.817	0.099	0.870	1.339	1.461	1.326	1.122	1.055
671	6.70	1.259	1.728	2.313	2.782	2.912	2.584	1.834	0.836	-0.169	-0.960
681	6.80	-1.419	-1.553	-1.467	-1.299	-1.152	-1.055	-0.961	-0.794	-0.494	-0.056
691	6.90	0.457	0.946	1.306	1.461	1.383	1.087	0.621	0.051	-0.539	-1.051
701	7.00	-1.382	-1.446	-1.205	-0.695	-0.034	0.608	1.063	1.229	1.107	0.807
711	7.10	0.492	0.312	0.331	0.506	0.711	0.804	0.700	0.413	0.047	-0.254
721	7.20	-0.385	-0.332	-0.176	-0.059	-0.104	-0.363	-0.789	-1.263	-1.653	-1.869
731	7.30	-1.899	-1.792	-1.615	-1.410	-1.167	-0.834	-0.367	0.235	0.901	1.510
741	7.40	1.936	2.105	2.022	1.766	1.444	1.137	0.865	0.586	0.235	-0.221
751	7.50	-0.748	-1.244	-1.576	-1.645	-1.439	-1.049	-0.632	-0.350	-0.297	-0.460
761	7.60	-0.731	-0.950	-0.984	-0.784	-0.400	0.037	0.376	0.505	0.391	0.085
771	7.70	-0.309	-0.675	-0.922	-1.010	-0.936	-0.729	-0.426	-0.065	0.312	0.654
781	7.80	0.904	1.014	0.959	0.765	0.502	0.271	0.165	0.233	0.453	0.742
791	7.90	0.981	1.070	0.968	0.706	0.375	0.079	-0.107	-0.169	-0.152	-0.126
801	8.00	-0.138	-0.187	-0.212	-0.128	0.126	0.543	1.036	1.459	1.670	1.586
811	8.10	1.216	0.662	0.065	-0.454	-0.843	-1.131	-1.400	-1.721	-2.105	-2.477
821	8.20	-2.700	-2.634	-2.203	-1.433	-0.457	0.530	1.342	1.857	2.049	1.977
831	8.30	1.744	1.449	1.157	0.890	0.642	0.404	0.176	-0.030	-0.197	-0.320
841	8.40	-0.399	-0.437	-0.420	-0.318	-0.097	0.259	0.722	1.211	1.615	1.830
851	8.50	1.806	1.576	1.244	0.942	0.770	0.749	0.811	0.835	0.706	0.372
861	8.60	-0.125	-0.670	-1.131	-1.424	-1.549	-1.588	-1.656	-1.839	-2.138	-2.464
871	8.70	-2.677	-2.646	-2.315	-1.732	-1.032	-0.385	0.068	0.259	0.212	0.012
881	8.80	-0.230	-0.422	-0.514	-0.500	-0.402	-0.257	-0.095	0.057	0.184	0.285
891	8.90	0.374	0.483	0.657	0.930	1.308	1.748	2.162	2.441	2.502	2.315
901	9.00	1.930	1.453	1.008	0.679	0.485	0.374	0.259	0.072	-0.201	-0.512
911	9.10	-0.781	-0.944	-0.995	-0.993	-1.032	-1.185	-1.458	-1.770	-1.988	-1.988
921	9.20	-1.717	-1.228	-0.662	-0.187	0.073	0.092	-0.057	-0.245	-0.356	-0.342
931	9.30	-0.238	-0.139	-0.136	-0.263	-0.481	-0.700	-0.828	-0.831	-0.746	-0.665
941	9.40	-0.677	-0.813	-1.020	-1.178	-1.158	-0.886	-0.388	0.222	0.789	1.186
951	9.50	1.371	1.398	1.379	1.423	1.573	1.786	1.958	1.978	1.791	1.431
961	9.60	1.008	0.652	0.455	0.422	0.471	0.476	0.330	0.003	-0.440	-0.863
971	9.70	-1.118	-1.106	-0.822	-0.346	0.187	0.645	0.951	1.097	1.133	1.127
981	9.80	1.129	1.143	1.135	1.055	0.867	0.577	0.233	-0.094	-0.338	-0.464
991	9.90	-0.479	-0.423	-0.345	-0.283	-0.245	-0.211	-0.147	-0.022	0.168	0.401

Table 7-16-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.632	0.813	0.910	0.913	0.839	0.717	0.578	0.441	0.305	0.155
1011	10.10	-0.027	-0.252	-0.513	-0.786	-1.040	-1.243	-1.374	-1.430	-1.419	-1.355
1021	10.20	-1.250	-1.110	-0.937	-0.732	-0.502	-0.263	-0.038	0.149	0.279	0.343
1031	10.30	0.343	0.285	0.174	0.008	-0.220	-0.516	-0.871	-1.261	-1.660	-1.944
1041	10.40	-2.109	-2.085	-1.866	-1.401	-0.798	-0.115	0.551	1.096	1.431	1.498
1051	10.50	1.291	0.854	0.285	-0.297	-0.776	-1.077	-1.185	-1.142	-1.028	-0.921
1061	10.60	-0.864	-0.842	-0.792	-0.637	-0.320	0.156	0.731	1.304	1.780	2.103
1071	10.70	2.279	2.365	2.426	2.503	2.580	2.586	2.434	2.062	1.470	0.736
1081	10.80	-0.012	-0.638	-1.044	-1.201	-1.148	-0.967	-0.744	-0.541	-0.385	-0.276
1091	10.90	-0.206	-0.176	-0.196	-0.283	-0.438	-0.641	-0.851	-1.022	-1.122	-1.146
1101	11.00	-1.116	-1.068	-1.040	-1.049	-1.092	-1.145	-1.176	-1.152	-1.045	-0.834
1111	11.10	-0.508	-0.073	0.447	1.003	1.528	1.956	2.240	2.370	2.377	2.318
1121	11.20	2.241	2.165	2.063	1.875	1.541	1.038	0.403	-0.267	-0.853	-1.253
1131	11.30	-1.422	-1.382	-1.207	-0.981	-0.762	-0.560	-0.349	-0.092	0.221	0.561
1141	11.40	0.862	1.069	1.071	0.920	0.635	0.275	-0.099	-0.446	-0.744	-0.979
1151	11.50	-1.127	-1.158	-1.045	-0.787	-0.429	-0.058	0.224	0.339	0.265	0.059
1161	11.60	-0.175	-0.324	-0.319	-0.166	0.055	0.232	0.267	0.126	-0.149	-0.459
1171	11.70	-0.689	-0.756	-0.638	-0.374	-0.045	0.260	0.470	0.547	0.481	0.290
1181	11.80	0.004	-0.325	-0.626	-0.814	-0.806	-0.547	-0.044	0.624	1.314	1.859
1191	11.90	2.115	2.013	1.583	0.944	0.261	-0.307	-0.661	-0.789	-0.753	-0.658
1201	12.00	-0.611	-0.672	-0.845	-1.081	-1.301	-1.433	-1.437	-1.315	-1.107	-0.871
1211	12.10	-0.667	-0.535	-0.491	-0.530	-0.630	-0.761	-0.893	-0.994	-1.030	-0.969
1221	12.20	-0.784	-0.467	-0.040	0.441	0.894	1.227	1.370	1.296	1.038	0.680
1231	12.30	0.330	0.089	0.019	0.119	0.337	0.588	0.787	0.877	0.840	0.700
1241	12.40	0.500	0.285	0.086	-0.091	-0.258	-0.435	-0.644	-0.891	-1.166	-1.441
1251	12.50	-1.667	-1.786	-1.737	-1.478	-1.002	-0.343	0.418	1.175	1.818	2.268
1261	12.60	2.486	2.487	2.311	2.009	1.610	1.122	0.537	-0.142	-0.875	-1.580
1271	12.70	-2.145	-2.461	-2.458	-2.142	-1.588	-0.924	-0.286	0.229	0.591	0.839
1281	12.80	1.057	1.336	1.727	2.222	2.746	3.185	3.416	3.357	2.988	2.371
1291	12.90	1.629	0.914	0.364	0.056	-0.011	0.083	0.214	0.262	0.155	-0.099
1301	13.00	-0.420	-0.692	-0.814	-0.750	-0.545	-0.312	-0.186	-0.263	-0.566	-1.033
1311	13.10	-1.546	-1.982	-2.258	-2.356	-2.317	-2.209	-2.085	-1.962	-1.817	-1.611
1321	13.20	-1.319	-0.950	-0.546	-0.168	0.139	0.356	0.502	0.609	0.700	0.776
1331	13.30	0.812	0.775	0.653	0.465	0.265	0.122	0.090	0.186	0.376	0.591
1341	13.40	0.754	0.801	0.709	0.496	0.212	-0.076	-0.301	-0.410	-0.378	-0.212
1351	13.50	0.047	0.325	0.534	0.600	0.491	0.240	-0.061	-0.283	-0.318	-0.123
1361	13.60	0.255	0.682	0.993	1.056	0.830	0.386	-0.122	-0.519	-0.680	-0.586
1371	13.70	-0.320	-0.027	0.151	0.139	-0.045	-0.308	-0.535	-0.644	-0.621	-0.522
1381	13.80	-0.439	-0.447	-0.564	-0.743	-0.891	-0.908	-0.757	-0.382	0.091	0.576
1391	13.90	0.968	1.194	1.230	1.100	0.867	0.607	0.390	0.262	0.239	0.303
1401	14.00	0.407	0.495	0.507	0.404	0.176	-0.155	-0.541	-0.918	-1.222	-1.403
1411	14.10	-1.435	-1.323	-1.102	-0.830	-0.586	-0.442	-0.448	-0.608	-0.872	-1.142
1421	14.20	-1.309	-1.286	-1.057	-0.685	-0.292	-0.013	0.071	-0.026	-0.187	-0.239
1431	14.30	-0.026	0.511	1.300	2.150	2.818	3.105	2.928	2.346	1.528	0.680
1441	14.40	-0.035	-0.542	-0.855	-1.037	-1.141	-1.171	-1.087	-0.836	-0.403	0.160
1451	14.50	0.735	1.185	1.603	1.359	1.101	0.728	0.334	-0.029	-0.367	-0.717
1461	14.60	-1.110	-1.529	-1.903	-2.138	-2.159	-1.949	-1.569	-1.124	-0.726	-0.439
1471	14.70	-0.262	-0.137	0.004	0.202	0.439	0.650	0.753	0.691	0.462	0.120
1481	14.80	-0.246	-0.550	-0.738	-0.794	-0.734	-0.586	-0.377	-0.126	0.145	0.404
1491	14.90	0.612	0.733	0.754	0.692	0.601	0.541	0.559	0.661	0.817	0.975

Table 7-16-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.092	1.157	1.197	1.256	1.365	1.525	1.696	1.828	1.877	1.855
1511	15.10	1.809	1.802	1.871	1.994	2.086	2.037	1.762	1.253	0.601	-0.032
1521	15.20	-0.474	-0.615	-0.452	-0.098	0.266	0.469	0.395	0.037	-0.515	-1.121
1531	15.30	-1.638	-1.971	-2.085	-2.003	-1.781	-1.488	-1.189	-0.938	-0.773	-0.713
1541	15.40	-0.748	-0.839	-0.931	-0.967	-0.921	-0.811	-0.693	-0.638	-0.689	-0.833
1551	15.50	-0.996	-1.071	-0.971	-0.679	-0.270	0.111	0.313	0.244	-0.073	-0.502
1561	15.60	-0.848	-0.934	-0.682	-0.152	0.483	1.005	1.239	1.121	0.715	0.180
1571	15.70	-0.300	-0.585	-0.630	-0.481	-0.245	-0.035	0.072	0.054	-0.064	-0.231
1581	15.80	-0.399	-0.535	-0.619	-0.642	-0.592	-0.460	-0.246	0.039	0.361	0.681
1591	15.90	0.957	1.164	1.291	1.340	1.313	1.203	0.998	0.695	0.315	-0.086
1601	16.00	-0.424	-0.611	-0.594	-0.374	-0.020	0.356	0.636	0.749	0.690	0.527
1611	16.10	0.367	0.305	0.381	0.561	0.749	0.829	0.716	0.387	-0.107	-0.666
1621	16.20	-1.184	-1.586	-1.852	-2.008	-2.105	-2.183	-2.250	-2.288	-2.262	-2.144
1631	16.30	-1.933	-1.654	-1.344	-1.036	-0.745	-0.475	-0.230	-0.030	0.083	0.060
1641	16.40	-0.131	-0.475	-0.902	-1.302	-1.560	-1.601	-1.416	-1.066	-0.648	-0.249
1651	16.50	0.094	0.405	0.754	1.203	1.766	2.385	2.944	3.313	3.412	3.239
1661	16.60	2.882	2.481	2.169	2.024	2.042	2.151	2.251	2.255	2.129	1.886
1671	16.70	1.572	1.238	0.913	0.610	0.331	0.091	-0.079	-0.143	-0.079	0.097
1681	16.80	0.324	0.512	0.577	0.470	0.199	-0.174	-0.563	-0.894	-1.125	-1.258
1691	16.90	-1.319	-1.333	-1.299	-1.190	-0.967	-0.607	-0.125	0.417	0.925	1.297
1701	17.00	1.460	1.385	1.094	0.647	0.120	-0.413	-0.892	-1.276	-1.546	-1.697
1711	17.10	-1.741	-1.702	-1.610	-1.490	-1.355	-1.196	-0.996	-0.736	-0.418	-0.075
1721	17.20	0.232	0.427	0.455	0.303	0.014	-0.328	-0.625	-0.802	-0.829	-0.728
1731	17.30	-0.553	-0.357	-0.168	0.026	0.261	0.571	0.959	1.386	1.783	2.081
1741	17.40	2.243	2.282	2.255	2.227	2.234	2.251	2.193	1.950	1.439	0.656
1751	17.50	-0.305	-1.275	-2.064	-2.532	-2.645	-2.483	-2.200	-1.962	-1.867	-1.915
1761	17.60	-2.009	-2.009	-1.812	-1.404	-0.880	-0.407	-0.155	-0.221	-0.590	-1.134
1771	17.70	-1.676	-2.062	-2.220	-2.188	-2.076	-2.005	-2.037	-2.135	-2.177	-2.011
1781	17.80	-1.525	-0.710	0.329	1.404	2.315	2.921	3.188	3.182	3.031	2.856
1791	17.90	2.718	2.595	2.401	2.042	1.470	0.719	-0.093	-0.804	-1.266	-1.402
1801	18.00	-1.233	-0.867	-0.462	-0.165	-0.063	-0.161	-0.385	-0.623	-0.767	-0.752
1811	18.10	-0.571	-0.268	0.085	0.423	0.702	0.907	1.037	1.093	1.063	0.928
1821	18.20	0.675	0.319	-0.089	-0.457	-0.685	-0.693	-0.452	-0.004	0.552	1.090
1831	18.30	1.498	1.717	1.749	1.652	1.505	1.372	1.274	1.185	1.043	0.787
1841	18.40	0.383	-0.157	-0.774	-1.384	-1.906	-2.282	-2.492	-2.550	-2.488	-2.341
1851	18.50	-2.131	-1.868	-1.556	-1.201	-0.823	-0.452	-0.118	0.164	0.400	0.616
1861	18.60	0.843	1.098	1.364	1.589	1.696	1.619	1.336	0.883	0.360	-0.106
1871	18.70	-0.404	-0.478	-0.354	-0.122	0.101	0.225	0.219	0.123	0.021	-0.005
1881	18.80	0.084	0.263	0.465	0.619	0.693	0.714	0.756	0.896	1.165	1.518
1891	18.90	1.846	2.021	1.962	1.680	1.284	0.944	0.814	0.971	1.377	1.896
1901	19.00	2.358	2.630	2.671	2.541	2.365	2.271	2.331	2.551	2.785	2.976
1911	19.10	3.004	2.817	2.422	1.860	1.183	0.430	-0.371	-1.198	-2.015	-2.770
1921	19.20	-3.403	-3.868	-4.145	-4.253	-4.236	-4.143	-4.011	-3.854	-3.671	-3.464
1931	19.30	-3.250	-3.068	-2.966	-2.986	-3.143	-3.417	-3.763	-4.123	-4.444	-4.687
1941	19.40	-4.831	-4.865	-4.790	-4.613	-4.359	-4.069	-3.792	-3.574	-3.434	-3.352
1951	19.50	-3.268	-3.106	-2.801	-2.326	-1.706	-1.003	-0.288	0.387	1.010	1.599
1961	19.60	2.180	2.756	3.296	3.733	3.997	4.049	3.898	3.610	3.282	3.015
1971	19.70	2.884	2.927	3.151	3.540	4.063	4.671	5.286	5.799	6.085	6.042
1981	19.80	5.636	4.933	4.101	3.364	2.927	2.902	3.265	3.866	4.495	4.969
1991	19.90	5.201	5.227	5.175	5.187	5.351	5.650	5.974	6.170	6.107	5.729

Table 7-16-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	5.053	4.148	3.080	1.880	0.544	-0.934	-2.522	-4.122	-5.582	-6.746
2011	20.10	-7.519	-7.917	-8.069	-8.178	-8.443	-8.997	-9.865	-10.978	-12.211	-13.443
2021	20.20	-14.586	-15.587	-16.405	-16.985	-17.243	-17.088	-16.455	-15.338	-13.798	-11.937
2031	20.30	-9.856	-7.610	-5.204	-2.623	0.114	2.902	5.543	7.790	9.428	10.365
2041	20.40	10.678	10.596	10.416	10.397	10.672	11.215	11.884	12.509	12.982	13.299
2051	20.50	13.547	13.833	14.209	14.619	14.911	14.899	14.449	13.542	12.282	10.854
2061	20.60	9.451	8.208	7.180	6.364	5.746	5.338	5.185	5.318	5.699	6.175
2071	20.70	6.490	6.348	5.522	3.947	1.759	-0.738	-3.173	-5.234	-6.761	-7.778
2081	20.80	-8.456	-9.023	-9.685	-10.565	-11.702	-13.078	-14.649	-16.364	-18.146	-19.861
2091	20.90	-21.301	-22.208	-22.332	-21.521	-19.784	-17.307	-14.406	-11.423	-8.627	-6.138
2101	21.00	-3.918	-1.833	0.262	2.441	4.664	6.788	8.628	10.011	10.827	11.035
2111	21.10	10.655	9.737	8.348	6.576	4.536	2.377	0.263	-1.661	-3.308	-4.672
2121	21.20	-5.813	-6.810	-7.701	-8.445	-8.917	-8.959	-8.447	-7.369	-5.842	-4.090
2131	21.30	-2.364	-0.856	0.365	1.365	2.294	3.306	4.489	5.816	7.168	8.387
2141	21.40	9.354	10.039	10.522	10.961	11.536	12.386	13.561	15.007	16.577	18.059
2151	21.50	19.218	19.828	19.696	18.687	16.743	13.888	10.234	5.974	1.361	-3.315
2161	21.60	-7.755	-11.476	-14.853	-17.130	-18.446	-18.857	-18.528	-17.710	-16.688	-15.714
2171	21.70	-14.937	-14.366	-13.874	-13.245	-12.269	-10.792	-8.857	-6.627	-4.377	-2.397
2181	21.80	-0.899	0.055	0.559	0.829	1.122	1.646	2.501	3.646	4.917	6.081
2191	21.90	6.903	7.217	6.973	6.266	5.351	4.502	4.145	4.580	5.992	8.377
2201	22.00	11.521	15.035	18.440	21.274	23.197	24.052	23.881	22.881	21.316	19.443
2211	22.10	17.444	15.410	13.366	11.316	9.283	7.325	5.532	3.982	2.706	1.666
2221	22.20	0.749	-0.202	-1.359	-2.868	-4.838	-7.333	-10.377	-13.957	-18.017	-22.440
2231	22.30	-27.036	-31.543	-35.645	-39.018	-41.384	-42.553	-42.447	-41.095	-38.597	-35.086
2241	22.40	-30.700	-25.570	-19.842	-13.698	-7.384	-1.205	4.496	9.398	13.250	15.922
2251	22.50	17.424	17.893	17.553	16.666	15.478	14.184	12.904	11.682	10.495	9.269
2261	22.60	7.897	6.267	4.282	1.884	-0.917	-4.040	-7.320	-10.529	-13.398	-15.667
2271	22.70	-17.125	-17.655	-17.261	-16.061	-14.260	-12.092	-9.755	-7.356	-4.886	-2.238
2281	22.80	0.741	4.175	8.090	12.370	16.776	20.991	24.706	27.702	29.897	31.355
2291	22.90	32.247	32.783	33.140	33.417	33.613	33.648	33.398	32.740	31.569	29.920
2301	23.00	27.762	25.180	22.251	19.033	15.544	11.760	7.633	3.126	-1.745	-6.874
2311	23.10	-12.055	-17.004	-21.416	-25.030	-27.688	-29.362	-30.136	-30.151	-29.544	-28.403
2321	23.20	-26.760	-24.621	-22.020	-19.070	-15.974	-12.997	-10.402	-8.385	-7.027	-6.288
2331	23.30	-6.046	-6.150	-6.475	-6.947	-7.539	-8.240	-9.021	-9.821	-10.542	-11.078
2341	23.40	-11.334	-11.252	-10.817	-10.054	-9.021	-7.805	-6.507	-5.233	-4.071	-3.066
2351	23.50	-2.194	-1.360	-0.416	0.797	2.396	4.418	6.801	9.403	12.037	14.512
2361	23.60	16.652	18.309	19.354	19.680	19.225	17.998	16.136	13.889	11.591	9.574
2371	23.70	8.070	7.129	6.605	6.216	5.648	4.677	3.238	1.432	-0.553	-2.536
2381	23.80	-4.433	-6.273	-8.155	-10.146	-12.195	-14.092	-15.500	-16.052	-15.459	-13.603
2391	23.90	-10.558	-6.555	-1.915	3.031	7.986	12.696	16.943	20.536	23.318	25.192
2401	24.00	26.143	26.247	25.637	24.454	22.797	20.699	18.142	15.109	11.634	7.840
2411	24.10	3.917	0.067	-3.560	-6.917	-10.054	-13.071	-16.037	-18.937	-21.649	-23.985
2421	24.20	-25.755	-26.838	-27.212	-26.937	-26.105	-24.781	-22.977	-20.676	-17.885	-14.699
2431	24.30	-11.332	-8.097	-5.332	-3.306	-2.138	-1.761	-1.947	-2.376	-2.719	-2.716
2441	24.40	-2.214	-1.174	0.340	2.192	4.192	6.126	7.778	8.970	9.587	9.613
2451	24.50	9.121	8.256	7.178	6.014	4.821	3.591	2.283	0.881	-0.564	-1.907
2461	24.60	-2.939	-3.436	-3.223	-2.231	-0.518	1.765	4.314	6.924	9.342	11.394
2471	24.70	12.980	14.068	14.677	14.852	14.635	14.055	13.120	11.828	10.199	8.295
2481	24.80	6.238	4.202	2.367	0.868	-0.266	-1.131	-1.925	-2.883	-4.186	-5.886
2491	24.90	-7.878	-9.932	-11.769	-13.160	-13.992	-14.290	-14.178	-13.807	-13.285	-12.641

Table 7-16-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-11.827	-10.768	-9.410	-7.759	-5.882	-3.887	-1.896	-0.024	1.617	2.912
2511	25.10	3.740	4.004	3.679	2.869	1.828	0.918	0.517	0.878	2.026	3.713
2521	25.20	5.479	6.801	7.276	6.743	5.438	3.725	2.148	1.144	0.930	1.663
2531	25.30	2.495	3.706	4.843	5.806	6.658	7.563	8.684	10.094	11.738	13.448
2541	25.40	15.012	16.242	17.025	17.336	17.210	16.694	15.821	14.594	13.015	11.113
2551	25.50	8.975	6.744	4.592	2.655	0.989	-0.467	-1.873	-3.436	-5.325	-7.606
2561	25.60	-10.201	-12.908	-15.471	-17.670	-19.399	-20.702	-21.735	-22.691	-23.692	-24.716
2571	25.70	-25.578	-25.986	-25.642	-24.363	-22.161	-19.256	-16.023	-12.883	-10.187	-8.136
2581	25.80	-6.752	-5.907	-5.390	-4.975	-4.472	-3.749	-2.724	-1.362	0.338	2.341
2591	25.90	4.562	6.869	9.099	11.077	12.655	13.730	14.256	14.233	13.693	12.685
2601	26.00	11.276	9.563	7.683	5.826	4.214	3.072	2.584	2.850	3.860	5.495
2611	26.10	7.544	9.743	11.813	13.512	14.659	15.166	15.044	14.395	13.382	12.185
2621	26.20	10.959	9.794	8.709	7.666	6.616	5.541	4.482	3.530	2.784	2.295
2631	26.30	2.014	1.780	1.349	0.468	-1.053	-3.276	-6.121	-9.397	-12.861	-16.277
2641	26.40	-19.460	-22.273	-24.612	-26.369	-27.428	-27.678	-27.054	-25.576	-23.369	-20.644
2651	26.50	-17.649	-14.605	-11.655	-8.850	-6.172	-3.580	-1.058	1.367	3.630	5.666
2661	26.60	7.435	8.940	10.200	11.219	11.944	12.267	12.062	11.246	9.855	8.074
2671	26.70	6.221	4.669	3.743	3.634	4.351	5.744	7.560	9.532	11.428	13.078
2681	26.80	14.349	15.125	15.289	14.742	13.455	11.508	9.105	6.538	4.106	2.027
2691	26.90	0.376	-0.909	-1.975	-2.961	-3.920	-4.794	-5.453	-5.772	-5.707	-5.334
2701	27.00	-4.814	-4.325	-3.976	-3.769	-3.610	-3.393	-3.079	-2.750	-2.593	-2.813
2711	27.10	-3.523	-4.661	-5.984	-7.147	-7.835	-7.889	-7.374	-6.544	-5.732	-5.204
2721	27.20	-5.050	-5.143	-5.297	-5.191	-4.690	-3.811	-2.720	-1.649	-0.776	-0.150
2731	27.30	0.338	0.891	1.711	2.904	4.424	6.085	7.625	8.801	9.457	9.563
2741	27.40	9.199	8.516	7.676	6.817	6.035	5.387	4.903	4.586	4.419	4.340
2751	27.50	4.260	4.076	3.699	3.100	2.323	1.488	0.750	0.245	0.039	0.100
2761	27.60	0.311	0.516	0.580	0.443	0.132	-0.256	-0.605	-0.832	-0.922	-0.926
2771	27.70	-0.938	-1.043	-1.289	-1.668	-2.123	-2.577	-2.960	-3.218	-3.322	-3.261
2781	27.80	-3.049	-2.730	-2.389	-2.149	-2.153	-2.511	-3.252	-4.288	-5.417	-6.380
2791	27.90	-6.942	-6.980	-6.525	-5.743	-4.860	-4.061	-3.418	-2.869	-2.271	-1.493
2801	28.00	-0.507	0.572	1.530	2.141	2.290	2.041	1.634	1.402	1.640	2.487
2811	28.10	3.866	5.510	7.055	8.165	8.629	8.401	7.578	6.329	4.828	3.204
2821	28.20	1.541	-0.100	-1.645	-2.995	-4.036	-4.674	-4.872	-4.673	-4.185	-3.552
2831	28.30	-2.911	-2.355	-1.925	-1.623	-1.442	-1.395	-1.533	-1.940	-2.704	-3.892
2841	28.40	-5.511	-7.496	-9.210	-11.962	-14.039	-15.733	-16.868	-17.317	-17.011	-15.938
2851	28.50	-14.145	-11.738	-8.870	-5.751	-2.607	0.339	2.910	5.006	6.616	7.805
2861	28.60	8.685	9.362	9.901	10.311	10.564	10.623	10.491	10.224	9.926	9.709
2871	28.70	9.650	9.753	9.955	10.151	10.245	10.191	10.010	9.768	9.541	9.374
2881	28.80	9.264	9.166	9.028	8.812	8.503	8.094	7.544	6.766	5.628	4.009
2891	28.90	1.860	-0.734	-3.543	-6.239	-8.481	-10.023	-10.775	-10.814	-10.322	-9.502
2901	29.00	-8.497	-7.361	-6.080	-4.645	-3.109	-1.619	-0.382	0.410	0.664	0.435
2911	29.10	-0.082	-0.617	-0.915	-0.822	-0.310	0.540	1.595	2.730	3.869	4.977
2921	29.20	6.039	7.022	7.869	8.511	8.896	9.017	8.907	8.613	8.153	7.488
2931	29.30	6.529	5.184	3.423	1.327	-0.914	-3.052	-4.878	-6.310	-7.434	-8.471
2941	29.40	-9.678	-11.227	-13.110	-15.123	-16.935	-18.203	-18.711	-18.438	-17.554	-16.333
2951	29.50	-15.036	-13.803	-12.617	-11.337	-9.798	-7.902	-5.689	-3.330	-1.066	0.882
2961	29.60	2.394	3.485	4.279	4.945	5.620	6.363	7.137	7.847	8.389	8.705
2971	29.70	8.815	8.814	8.837	9.016	9.424	10.050	10.779	11.422	11.761	11.609
2981	29.80	10.871	9.583	7.907	6.094	4.403	3.021	2.003	1.260	0.610	-0.145
2991	29.90	-1.129	-2.331	-3.613	-4.762	-5.587	-5.995	-6.032	-5.856	-5.661	-5.595

Table 7-16-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-5.689	-5.851	-5.920	-5.714	-5.132	-4.175	-2.939	-1.563	-0.175	1.147
3011	30.10	2.376	3.522	4.571	5.481	6.180	6.590	6.678	6.479	6.100	5.686
3021	30.20	5.377	5.264	5.363	5.627	5.975	6.330	6.645	6.907	7.124	7.295
3031	30.30	7.391	7.342	7.051	6.421	5.384	3.929	2.113	0.056	-2.080	-4.126
3041	30.40	-5.941	-7.443	-8.629	-9.566	-10.377	-11.197	-12.127	-13.204	-14.379	-15.529
3051	30.50	-16.496	-17.133	-17.353	-17.161	-16.651	-15.978	-15.306	-14.747	-14.328	-13.969
3061	30.60	-13.508	-12.751	-11.535	-9.786	-7.545	-4.968	-2.279	0.292	2.578	4.515
3071	30.70	6.150	7.610	9.037	10.529	12.094	13.642	15.015	16.047	16.621	16.711
3081	30.80	16.389	15.792	15.078	14.365	13.703	13.066	12.374	11.536	10.496	9.255
3091	30.90	7.881	6.486	5.192	4.087	3.200	2.488	1.851	1.169	0.347	-0.647
3101	31.00	-1.765	-2.890	-3.875	-4.596	-5.003	-5.138	-5.124	-5.124	-5.270	-5.618
3111	31.10	-6.116	-6.627	-6.974	-7.015	-6.691	-6.050	-5.232	-4.408	-3.720	-3.228
3121	31.20	-2.888	-2.578	-2.143	-1.459	-0.485	0.718	1.997	3.147	3.975	4.359
3131	31.30	4.281	3.841	3.223	2.643	2.282	2.232	2.464	2.841	3.168	3.254
3141	31.40	2.977	2.320	1.371	0.283	-0.781	-1.703	-2.441	-3.027	-3.540	-4.068
3151	31.50	-4.674	-5.381	-6.174	-7.016	-7.854	-8.633	-9.292	-9.765	-9.992	-9.936
3161	31.60	-9.599	-9.034	-8.337	-7.613	-6.932	-6.299	-5.642	-4.837	-3.762	-2.356
3171	31.70	-0.657	1.190	2.982	4.516	5.664	6.411	6.857	7.174	7.546	8.102
3181	31.80	8.885	9.844	10.862	11.795	12.510	12.913	12.950	12.609	11.911	10.904
3191	31.90	9.660	8.271	6.837	5.445	4.151	2.968	1.870	0.811	-0.244	-1.289
3201	32.00	-2.268	-3.091	-3.664	-3.938	-3.933	-3.741	-3.495	-3.317	-3.266	-3.312
3211	32.10	-3.346	-3.228	-2.851	-2.195	-1.344	-0.463	0.262	0.693	0.789	0.619
3221	32.20	0.329	0.083	-0.003	0.108	0.362	0.647	0.836	0.822	0.545	-0.011
3231	32.30	-0.822	-1.839	-2.982	-4.144	-5.186	-5.959	-6.331	-6.229	-5.664	-4.736
3241	32.40	-3.602	-2.420	-1.308	-0.307	0.597	1.431	2.177	2.740	2.959	2.659
3251	32.50	1.738	0.235	-1.643	-3.560	-5.143	-6.093	-6.271	-5.730	-4.677	-3.386
3261	32.60	-2.097	-0.945	0.062	0.997	1.949	2.948	3.935	4.768	5.288	5.382
3271	32.70	5.045	4.391	3.620	2.947	2.536	2.450	2.645	3.005	3.400	3.738
3281	32.80	3.994	4.197	4.397	4.624	4.859	5.036	5.070	4.898	4.509	3.952
3291	32.90	3.311	2.669	2.077	1.531	0.991	0.404	-0.265	-1.010	-1.790	-2.547
3301	33.00	-3.228	-3.800	-4.250	-4.578	-4.785	-4.875	-4.863	-4.790	-4.724	-4.741
3311	33.10	-4.896	-5.180	-5.509	-5.743	-5.731	-5.387	-4.734	-3.917	-3.166	-2.703
3321	33.20	-2.686	-3.127	-3.904	-4.804	-5.600	-6.118	-6.285	-6.124	-5.727	-5.210
3331	33.30	-4.675	-4.192	-3.795	-3.483	-3.224	-2.967	-2.649	-2.223	-1.686	-1.097
3341	33.40	-0.575	-0.257	-0.244	-0.535	-1.011	-1.456	-1.641	-1.416	-0.782	0.104
3351	33.50	0.990	1.641	1.940	1.939	1.827	1.834	2.120	2.698	3.430	4.106
3361	33.60	4.545	4.689	4.626	4.544	4.634	4.998	5.609	6.332	7.003	7.510
3371	33.70	7.839	8.061	8.273	8.527	8.790	8.959	8.913	8.589	8.015	7.306
3381	33.80	6.607	6.025	5.585	5.223	4.841	4.364	3.784	3.164	2.593	2.126
3391	33.90	1.741	1.338	0.787	0.002	-1.005	-2.106	-3.100	-3.794	-4.078	-3.975
3401	34.00	-3.624	-3.225	-2.955	-2.906	-3.056	-3.296	-3.486	-3.516	-3.355	-3.052
3411	34.10	-2.711	-2.449	-2.343	-2.403	-2.571	-2.734	-2.760	-2.561	-2.024	-1.237
3421	34.20	-0.287	0.654	1.387	1.736	1.592	0.946	-0.113	-1.419	-2.781	-4.034
3431	34.30	-5.082	-5.911	-6.573	-7.150	-7.705	-8.250	-8.734	-9.058	-9.109	-8.803
3441	34.40	-8.111	-7.072	-5.789	-4.400	-3.045	-1.834	-0.822	-0.003	0.682	1.327
3451	34.50	2.032	2.865	3.845	4.922	5.991	6.909	7.540	7.785	7.619	7.093
3461	34.60	6.318	5.439	4.586	3.844	3.237	2.734	2.273	1.796	1.272	0.712
3471	34.70	0.163	-0.310	-0.647	-0.807	-0.778	-0.567	-0.190	0.334	0.993	1.775
3481	34.80	2.664	3.640	4.677	5.744	6.815	7.856	8.826	9.661	10.272	10.556
3491	34.90	10.415	9.793	8.700	7.228	5.532	3.791	2.155	0.704	-0.572	-1.751

Table 7-16-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-2.933	-4.178	-5.464	-6.683	-7.674	-8.288	-8.461	-8.254	-7.851	-7.507
3511	35.10	-7.462	-7.854	-8.670	-9.745	-10.820	-11.635	-12.017	-11.938	-11.516	-10.954
3521	35.20	-10.460	-10.156	-10.035	-9.963	-9.738	-9.174	-8.173	-6.768	-5.108	-3.408
3531	35.30	-1.869	-0.617	0.327	1.035	1.626	2.215	2.862	3.557	4.233	4.798
3541	35.40	5.171	5.314	5.242	5.015	4.724	4.460	4.301	4.287	4.414	4.633
3551	35.50	4.863	5.013	5.007	4.821	4.486	4.089	3.738	3.523	3.473	3.540
3561	35.60	3.608	3.535	3.214	2.611	1.793	0.903	0.120	-0.408	-0.603	-0.475
3571	35.70	-0.113	0.361	0.828	1.207	1.466	1.613	1.685	1.724	1.769	1.843
3581	35.80	1.951	2.076	2.175	2.188	2.048	1.711	1.177	0.502	-0.207	-0.823
3591	35.90	-1.242	-1.410	-1.347	-1.123	-0.829	-0.538	-0.278	-0.036	0.216	0.485
3601	36.00	0.744	0.928	0.966	0.815	0.484	0.036	-0.435	-0.845	-1.141	-1.302
3611	36.10	-1.318	-1.155	-0.741	0.016	1.179	2.732	4.537	6.349	7.876	8.870
3621	36.20	9.207	8.923	8.179	7.189	6.120	5.034	3.885	2.573	1.028	-0.722
3631	36.30	-2.534	-4.194	-5.497	-6.331	-6.711	-6.763	-6.657	-6.528	-6.431	-6.332
3641	36.40	-6.154	-5.835	-5.369	-4.813	-4.244	-3.716	-3.226	-2.716	-2.118	-1.406
3651	36.50	-0.631	0.086	0.598	0.801	0.679	0.314	-0.159	-0.614	-0.990	-1.301
3661	36.60	-1.608	-1.952	-2.302	-2.544	-2.515	-2.088	-1.240	-0.091	1.130	2.165
3671	36.70	2.824	3.057	2.954	2.694	2.454	2.328	2.297	2.268	2.147	1.916
3681	36.80	1.669	1.591	1.872	2.617	3.782	5.166	6.473	7.409	7.775	7.515
3691	36.90	6.707	5.508	4.081	2.536	0.925	-0.738	-2.433	-4.095	-5.611	-6.845
3701	37.00	-7.681	-8.065	-8.023	-7.642	-7.044	-6.347	-5.642	-4.991	-4.435	-4.005
3711	37.10	-3.724	-3.599	-3.613	-3.722	-3.873	-4.023	-4.162	-4.318	-4.533	-4.822
3721	37.20	-5.140	-5.371	-5.356	-4.961	-4.146	-3.003	-1.752	-0.670	0.006	0.168
3731	37.30	-0.131	-0.699	-1.298	-1.746	-1.982	-2.079	-2.181	-2.419	-2.828	-3.323
3741	37.40	-3.735	-3.894	-3.705	-3.186	-2.450	-1.629	-0.796	0.076	1.103	2.424
3751	37.50	4.110	6.110	8.246	10.273	11.960	13.172	13.892	14.193	14.174	13.895
3761	37.60	13.352	12.504	11.331	9.886	8.315	6.819	5.582	4.696	4.126	3.736
3771	37.70	3.360	2.888	2.322	1.768	1.376	1.249	1.371	1.597	1.700	1.470
3781	37.80	0.807	-0.230	-1.433	-2.533	-3.295	-3.613	-3.537	-3.247	-2.976	-2.921
3791	37.90	-3.172	-3.695	-4.352	-4.962	-5.363	-5.460	-5.246	-4.793	-4.224	-3.673
3801	38.00	-3.255	-3.041	-3.046	-3.236	-3.544	-3.891	-4.212	-4.479	-4.707	-4.949
3811	38.10	-5.277	-5.750	-6.384	-7.143	-7.928	-8.605	-9.034	-9.100	-8.747	-7.983
3821	38.20	-6.878	-5.542	-4.096	-2.653	-1.300	-0.095	0.930	1.764	2.412	2.900
3831	38.30	3.279	3.625	4.032	4.590	5.355	6.323	7.427	8.539	9.510	10.209
3841	38.40	10.559	10.553	10.249	9.738	9.118	8.465	7.832	7.259	6.782	6.441
3851	38.50	6.264	6.242	6.313	6.358	6.234	5.819	5.062	4.010	2.796	1.593
3861	38.60	0.545	-0.277	-0.889	-1.362	-1.770	-2.134	-2.408	-2.503	-2.347	-1.941
3871	38.70	-1.391	-0.881	-0.608	-0.705	-1.182	-1.924	-2.740	-3.439	-3.909	-4.149
3881	38.80	-4.249	-4.341	-4.535	-4.876	-5.348	-5.907	-6.525	-7.208	-7.990	-8.894
3891	38.90	-9.880	-10.828	-11.547	-11.840	-11.562	-10.681	-9.283	-7.538	-5.637	-3.721
3901	39.00	-1.847	0.001	1.870	3.769	5.628	7.286	8.527	9.147	9.022	8.162
3911	39.10	6.718	4.949	3.154	1.593	0.427	-0.314	-0.725	-0.977	-1.251	-1.677
3921	39.20	-2.293	-3.037	-3.778	-4.368	-4.689	-4.691	-4.390	-3.844	-3.116	-2.247
3931	39.30	-1.254	-0.144	1.049	2.244	3.318	4.139	4.617	4.750	4.636	4.443
3941	39.40	4.354	4.491	4.882	5.452	6.069	6.607	6.999	7.254	7.443	7.643
3951	39.50	7.890	8.151	8.332	8.313	7.994	7.319	6.288	4.939	3.328	1.523
3961	39.60	-0.392	-2.300	-4.048	-5.472	-6.437	-6.896	-6.917	-6.677	-6.399	-6.268
3971	39.70	-6.353	-6.584	-6.787	-6.771	-6.425	-5.780	-5.003	-4.324	-3.926	-3.861
3981	39.80	-4.014	-4.155	-4.032	-3.489	-2.529	-1.316	-0.109	0.841	1.377	1.479
3991	39.90	1.241	0.819	0.358	-0.043	-0.346	-0.544	-0.636	-0.614	-0.465	-0.196

Table 7-16-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.156	0.532	0.881	1.194	1.524	1.968	2.620	3.507	4.546	5.557
4011	40.10	6.312	6.623	6.423	5.794	4.944	4.121	3.519	3.206	3.112	3.068
4021	40.20	2.895	2.476	1.810	0.998	0.199	-0.437	-0.819	-0.933	-0.830	-0.596
4031	40.30	-0.314	-0.057	0.121	0.183	0.106	-0.112	-0.439	-0.815	-1.174	-1.474
4041	40.40	-1.735	-2.047	-2.551	-3.377	-4.577	-6.076	-7.665	-9.058	-9.977	-10.252
4051	40.50	-9.878	-9.015	-7.929	-6.896	-6.113	-5.647	-5.439	-5.351	-5.234	-4.980
4061	40.60	-4.542	-3.920	-3.130	-2.179	-1.061	0.229	1.662	3.165	4.624	5.915
4071	40.70	6.943	7.670	8.123	8.363	8.450	8.404	8.197	7.771	7.081	6.140
4081	40.80	5.039	3.936	3.007	2.390	2.128	2.159	2.336	2.486	2.473	2.246
4091	40.90	1.852	1.400	1.010	0.750	0.605	0.480	0.247	-0.197	-0.874	-1.703
4101	41.00	-2.520	-3.135	-3.399	-3.256	-2.760	-2.046	-1.274	-0.567	0.025	0.528
4111	41.10	1.012	1.540	2.127	2.727	3.256	3.628	3.803	3.799	3.682	3.528
4121	41.20	3.382	3.234	3.027	2.693	2.192	1.544	0.830	0.167	-0.337	-0.619
4131	41.30	-0.671	-0.525	-0.225	0.205	0.759	1.437	2.209	2.989	3.637	3.991
4141	41.40	3.922	3.387	2.553	1.283	0.076	-0.988	-1.814	-2.404	-2.838	-3.223
4151	41.50	-3.644	-4.129	-4.665	-5.126	-5.509	-5.768	-5.923	-6.031	-6.160	-6.368
4161	41.60	-6.681	-7.091	-7.563	-8.042	-8.469	-8.785	-8.942	-8.910	-8.692	-8.323
4171	41.70	-7.866	-7.398	-6.982	-6.643	-6.357	-6.055	-5.646	-5.048	-4.215	-3.151
4181	41.80	-1.910	-0.569	0.787	2.091	3.294	4.366	5.286	6.033	6.584	6.917
4191	41.90	7.018	6.888	6.542	6.016	5.365	4.663	4.001	3.473	3.157	3.090
4201	42.00	3.246	3.531	3.803	3.914	3.765	3.344	2.739	2.107	1.616	1.380
4211	42.10	1.406	1.595	1.787	1.828	1.642	1.275	0.873	0.633	0.723	1.212
4221	42.20	2.050	3.087	4.132	5.022	5.667	6.063	6.270	6.364	6.404	6.409
4231	42.30	6.365	6.244	6.024	5.701	5.281	4.772	4.177	3.495	2.763	1.963
4241	42.40	1.225	0.611	0.184	-0.044	-0.122	-0.145	-0.217	-0.405	-0.707	-1.052
4251	42.50	-1.332	-1.450	-1.363	-1.104	-0.765	-0.464	-0.304	-0.344	-0.598	-1.053
4261	42.60	-1.690	-2.491	-3.633	-4.466	-5.496	-6.390	-7.012	-7.264	-7.135	-6.711
4271	42.70	-6.150	-5.626	-5.261	-5.078	-4.999	-4.886	-4.602	-4.070	-3.309	-2.418
4281	42.80	-1.543	-0.819	-0.338	-0.135	-0.195	-0.477	-0.926	-1.482	-2.072	-2.610
4291	42.90	-3.011	-3.206	-3.176	-2.958	-2.634	-2.303	-2.037	-1.856	-1.733	-1.622
4301	43.00	-1.502	-1.402	-1.406	-1.610	-2.066	-2.748	-3.535	-4.257	-4.754	-4.948
4311	43.10	-4.861	-4.604	-4.305	-4.045	-3.811	-3.505	-3.002	-2.221	-1.184	-0.027
4321	43.20	1.056	1.882	2.367	2.548	2.571	2.616	2.822	3.236	3.804	4.420
4331	43.30	4.987	5.471	5.918	6.423	7.077	7.917	8.900	9.923	10.862	11.622
4341	43.40	12.164	12.502	12.673	12.697	12.552	12.179	11.513	10.518	9.222	7.720
4351	43.50	6.150	4.647	3.307	2.154	1.151	0.219	-0.720	-1.716	-2.775	-3.860
4361	43.60	-4.913	-5.876	-6.703	-7.362	-7.833	-8.097	-8.141	-7.959	-7.574	-7.040
4371	43.70	-6.445	-5.892	-5.467	-5.208	-5.084	-5.010	-4.868	-4.567	-4.079	-3.463
4381	43.80	-2.851	-2.399	-2.226	-2.362	-2.733	-3.184	-3.547	-3.701	-3.631	-3.425
4391	43.90	-3.241	-3.231	-3.475	-3.938	-4.478	-4.900	-5.026	-4.763	-4.127	-3.236
4401	44.00	-2.254	-1.333	-0.563	0.048	0.557	1.050	1.601	2.245	2.968	3.729
4411	44.10	4.473	5.164	5.785	6.338	6.830	7.257	7.590	7.780	7.759	7.466
4421	44.20	6.862	5.946	4.765	3.497	1.985	0.620	-0.588	-1.571	-2.298	-2.769
4431	44.30	-3.005	-3.028	-2.861	-2.523	-2.037	-1.436	-0.771	-0.100	0.519	1.037
4441	44.40	1.431	1.703	1.877	1.996	2.112	2.277	2.533	2.901	3.365	3.872
4451	44.50	4.332	4.636	4.691	4.443	3.905	3.156	2.314	1.498	0.789	0.204
4461	44.60	-0.298	-0.796	-1.359	-2.028	-2.793	-3.612	-4.434	-5.217	-5.939	-6.594
4471	44.70	-7.168	-7.637	-7.960	-8.096	-8.025	-7.755	-7.314	-6.731	-6.011	-5.126
4481	44.80	-4.035	-2.713	-1.197	0.399	1.906	3.139	3.968	4.364	4.400	4.226
4491	44.90	4.003	3.839	3.765	3.740	3.694	3.572	3.369	3.121	2.873	2.644

Table 7-16-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	2.407	2.100	1.668	1.102	0.457	-0.166	-0.671	-1.020	-1.259	-1.504
4511	45.10	-1.879	-2.448	-3.164	-3.865	-4.338	-4.399	-3.979	-3.159	-2.147	-1.199
4521	45.20	-0.518	-0.180	-0.115	-0.144	-0.062	0.277	0.897	1.696	2.491	3.086
4531	45.30	3.344	3.221	2.773	2.119	1.386	0.675	0.027	-0.560	-1.116	-1.668
4541	45.40	-2.215	-2.730	-3.164	-3.465	-3.594	-3.530	-3.271	-2.831	-2.231	-1.506
4551	45.50	-0.710	0.081	0.773	1.279	1.543	1.568	1.426	1.240	1.141	1.222
4561	45.60	1.497	1.894	2.283	2.536	2.586	2.459	2.267	2.162	2.267	2.617
4571	45.70	3.143	3.695	4.108	4.266	4.144	3.810	3.382	2.967	2.614	2.298
4581	45.80	1.942	1.470	0.857	0.150	-0.538	-1.074	-1.350	-1.328	-1.048	-0.611
4591	45.90	-0.143	0.252	0.511	0.631	0.654	0.651	0.694	0.836	1.094	1.440
4601	46.00	1.809	2.113	2.269	2.227	1.990	1.615	1.197	0.834	0.585	0.455
4611	46.10	0.393	0.324	0.181	-0.054	-0.343	-0.616	-0.801	-0.872	-0.864	-0.864
4621	46.20	-0.976	-1.277	-1.784	-2.446	-3.159	-3.813	-4.318	-4.632	-4.756	-4.726
4631	46.30	-4.573	-4.326	-4.001	-3.612	-3.178	-2.732	-2.309	-1.939	-1.637	-1.392
4641	46.40	-1.185	-0.992	-0.802	-0.619	-0.458	-0.330	-0.234	-0.147	-0.038	0.121
4651	46.50	0.335	0.579	0.798	0.928	0.915	0.742	0.434	0.057	-0.309	-0.593
4661	46.60	-0.762	-0.833	-0.863	-0.928	-1.092	-1.375	-1.748	-2.141	-2.471	-2.676
4671	46.70	-2.736	-2.676	-2.551	-2.416	-2.301	-2.201	-2.085	-1.921	-1.697	-1.437
4681	46.80	-1.188	-0.998	-0.890	-0.850	-0.834	-0.792	-0.698	-0.563	-0.429	-0.343
4691	46.90	-0.319	-0.322	-0.273	-0.080	0.319	0.922	1.657	2.409	3.062	3.539
4701	47.00	3.832	3.988	4.082	4.185	4.328	4.510	4.704	4.882	5.030	5.147
4711	47.10	5.238	5.299	5.312	5.257	5.120	4.912	4.658	4.386	4.108	3.804
4721	47.20	3.431	2.946	2.335	1.638	0.936	0.330	-0.108	-0.364	-0.496	-0.610
4731	47.30	-0.820	-1.206	-1.791	-2.541	-3.398	-4.305	-5.229	-6.152	-7.050	-7.874
4741	47.40	-8.535	-8.920	-8.932	-8.519	-7.704	-6.572	-5.247	-3.849	-2.465	-1.138
4751	47.50	0.119	1.297	2.376	3.318	4.078	4.628	4.971	5.144	5.201	5.195
4761	47.60	5.162	5.118	5.070	5.030	5.023	5.078	5.210	5.402	5.593	5.702
4771	47.70	5.648	5.395	4.966	4.438	3.910	3.457	3.092	2.760	2.357	1.786
4781	47.80	0.998	0.025	-1.026	-2.016	-2.827	-3.407	-3.788	-4.062	-4.334	-4.672
4791	47.90	-5.072	-5.463	-5.739	-5.806	-5.631	-5.251	-4.761	-4.277	-3.892	-3.651
4801	48.00	-3.550	-3.563	-3.665	-3.850	-4.132	-4.516	-4.974	-5.429	-5.770	-5.892
4811	48.10	-5.740	-5.343	-4.808	-4.279	-3.869	-3.608	-3.423	-3.166	-2.691	-1.926
4821	48.20	-0.924	0.144	1.056	1.635	1.829	1.749	1.625	1.722	2.225	3.165
4831	48.30	4.404	5.690	6.758	7.429	7.674	7.601	7.404	7.267	7.292	7.465
4841	48.40	7.672	7.757	7.591	7.120	6.378	5.470	4.527	3.666	2.955	2.406
4851	48.50	1.981	1.614	1.228	0.756	0.157	-0.573	-1.403	-2.264	-3.073	-3.747
4861	48.60	-4.231	-4.513	-4.626	-4.632	-4.600	-4.576	-4.572	-4.561	-4.499	-4.344
4871	48.70	-4.083	-3.737	-3.364	-3.036	-2.817	-2.749	-2.837	-3.054	-3.350	-3.661
4881	48.80	-3.929	-4.111	-4.186	-4.161	-4.070	-3.964	-3.899	-3.917	-4.029	-4.203
4891	48.90	-4.372	-4.444	-4.335	-3.993	-3.415	-2.653	-1.796	-0.940	-0.162	0.503
4901	49.00	1.061	1.549	2.006	2.449	2.862	3.203	3.425	3.504	3.457	3.341
4911	49.10	3.241	3.234	3.364	3.626	3.974	4.348	4.702	5.027	5.349	5.711
4921	49.20	6.142	6.636	7.144	7.591	7.910	8.066	8.075	7.990	7.874	7.767
4931	49.30	7.670	7.545	7.340	7.013	6.549	5.960	5.266	4.474	3.576	2.561
4941	49.40	1.440	0.277	-0.811	-1.683	-2.221	-2.383	-2.232	-1.911	-1.595	-1.411
4951	49.50	-1.397	-1.489	-1.573	-1.554	-1.622	-1.277	-1.291	-1.626	-2.359	-3.425
4961	49.60	-4.633	-5.740	-6.538	-6.937	-6.983	-6.820	-6.614	-6.468	-6.385	-6.278
4971	49.70	-6.030	-5.566	-4.902	-4.144	-3.447	-2.945	-2.697	-2.667	-2.743	-2.793
4981	49.80	-2.716	-2.475	-2.101	-1.667	-1.248	-0.902	-0.651	-0.492	-0.407	-0.375
4991	49.90	-0.367	-0.350	-0.283	-0.124	0.149	0.521	0.939	1.319	1.577	1.659

Table 7-16-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	1.566	1.350	1.094	0.874	0.728	0.638	0.547	0.392	0.133	-0.216
5011	50.10	-0.595	-0.921	-1.125	-1.180	-1.112	-0.982	-0.856	-0.775	-0.735	-0.699
5021	50.20	-0.624	-0.492	-0.331	-0.211	-0.209	-0.372	-0.681	-1.045	-1.324	-1.387
5031	50.30	-1.157	-0.655	0.009	0.673	1.189	1.477	1.555	1.521	1.509	1.620
5041	50.40	1.882	2.231	2.545	2.698	2.608	2.278	1.783	1.238	0.750	0.381
5051	50.50	0.140	-0.006	-0.101	-0.174	-0.231	-0.267	-0.281	-0.288	-0.322	-0.414
5061	50.60	-0.568	-0.756	-0.920	-1.006	-0.992	-0.913	-0.854	-0.915	-1.173	-1.635
5071	50.70	-2.235	-2.853	-3.360	-3.668	-3.754	-3.659	-3.449	-3.180	-2.861	-2.453
5081	50.80	-1.896	-1.148	-0.220	0.812	1.829	2.704	3.353	3.754	3.950	4.020
5091	50.90	4.046	4.074	4.111	4.133	4.113	4.050	3.976	3.952	4.039	4.275
5101	51.00	4.646	5.093	5.522	5.841	5.989	5.955	5.777	5.524	5.272	5.074
5111	51.10	4.944	4.862	4.782	4.656	4.451	4.159	3.793	3.377	2.933	2.473
5121	51.20	1.999	1.505	0.995	0.482	-0.010	-0.456	-0.841	-1.169	-1.468	-1.780
5131	51.30	-2.150	-2.611	-3.175	-3.829	-4.545	-5.288	-6.028	-6.742	-7.415	-8.037
5141	51.40	-8.598	-9.083	-9.474	-9.753	-9.909	-9.937	-9.843	-9.641	-9.351	-8.992
5151	51.50	-8.580	-8.122	-7.613	-7.038	-6.377	-5.614	-4.746	-3.787	-2.774	-1.755
5161	51.60	-0.781	0.102	0.869	1.512	2.038	2.467	2.823	3.139	3.448	3.793
5171	51.70	4.210	4.723	5.327	5.986	6.630	7.178	7.562	7.750	7.758	7.644
5181	51.80	7.485	7.343	7.240	7.155	7.035	6.823	6.485	6.027	5.486	4.915
5191	51.90	4.354	3.813	3.272	2.691	2.041	1.315	0.534	-0.258	-1.018	-1.714
5201	52.00	-2.334	-2.876	-3.338	-3.706	-3.953	-4.054	-3.998	-3.802	-3.511	-3.183
5211	52.10	-2.867	-2.590	-2.348	-2.117	-1.872	-1.603	-1.330	-1.090	-0.924	-0.855
5221	52.20	-0.883	-0.982	-1.112	-1.240	-1.344	-1.419	-1.463	-1.475	-1.443	-1.355
5231	52.30	-1.208	-1.019	-0.825	-0.676	-0.613	-0.655	-0.788	-0.974	-1.170	-1.344
5241	52.40	-1.494	-1.643	-1.823	-2.059	-2.351	-2.674	-2.991	-3.269	-3.490	-3.655
5251	52.50	-3.773	-3.844	-3.849	-3.755	-3.527	-3.155	-2.660	-2.098	-1.539	-1.037
5261	52.60	-0.409	-0.232	0.144	0.561	1.024	1.488	1.869	2.080	2.071	1.861
5271	52.70	1.537	1.230	1.069	1.135	1.437	1.915	2.467	2.991	3.420	3.736
5281	52.80	3.961	4.136	4.296	4.445	4.568	4.633	4.616	4.510	4.328	4.096
5291	52.90	3.837	3.564	3.279	2.979	2.672	2.375	2.124	1.951	1.879	1.903
5301	53.00	1.989	2.086	2.143	2.125	2.031	1.892	1.757	1.680	1.693	1.795
5311	53.10	1.954	2.112	2.208	2.194	2.049	1.782	1.428	1.037	0.654	0.310
5321	53.20	0.017	-0.239	-0.481	-0.745	-1.059	-1.444	-1.907	-2.436	-3.003	-3.568
5331	53.30	-4.077	-4.479	-4.728	-4.800	-4.699	-4.465	-4.162	-3.868	-3.649	-3.543
5341	53.40	-3.540	-3.584	-3.591	-3.471	-3.170	-2.686	-2.082	-1.467	-0.968	-0.688
5351	53.50	-0.672	-0.892	-1.258	-1.649	-1.951	-2.091	-2.058	-1.898	-1.689	-1.511
5361	53.60	-1.420	-1.439	-1.554	-1.737	-1.961	-2.207	-2.469	-2.739	-3.004	-3.234
5371	53.70	-3.391	-3.435	-3.341	-3.106	-2.741	-2.269	-1.707	-1.064	-0.342	0.454
5381	53.80	1.300	2.149	2.939	3.605	4.107	4.444	4.651	4.787	4.909	5.047
5391	53.90	5.195	5.312	5.347	5.259	5.038	4.708	4.311	3.891	3.478	3.078
5401	54.00	2.685	2.291	1.899	1.527	1.195	0.913	0.670	0.433	0.164	-0.161
5411	54.10	-0.532	-0.908	-1.231	-1.453	-1.570	-1.625	-1.702	-1.885	-2.221	-2.692
5421	54.20	-3.209	-3.640	-3.862	-3.799	-3.459	-2.923	-2.311	-1.741	-1.286	-0.956
5431	54.30	-0.712	-0.496	-0.263	-0.010	0.234	0.423	0.525	0.543	0.518	0.513
5441	54.40	0.585	0.765	1.044	1.384	1.732	2.045	2.303	2.502	2.651	2.753
5451	54.50	2.803	2.792	2.715	2.585	2.436	2.312	2.249	2.259	2.317	2.366
5461	54.60	2.334	2.161	1.811	1.291	0.645	-0.058	-0.741	-1.333	-1.781	-2.057
5471	54.70	-2.165	-2.135	-2.022	-1.891	-1.797	-1.771	-1.803	-1.845	-1.830	-1.699
5481	54.80	-1.431	-1.055	-0.647	-0.302	-0.094	-0.052	-0.147	-0.308	-0.457	-0.537
5491	54.90	-0.539	-0.490	-0.439	-0.418	-0.429	-0.443	-0.419	-0.330	-0.180	-0.009

Table 7-16-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.134	0.211	0.223	0.206	0.215	0.295	0.460	0.678	0.896	1.059
5511	55.10	1.136	1.130	1.065	0.967	0.841	0.672	0.439	0.138	-0.193	-0.480
5521	55.20	-0.636	-0.599	-0.372	-0.024	0.321	0.537	0.538	0.312	-0.084	-0.552
5531	55.30	-1.002	-1.381	-1.684	-1.937	-2.163	-2.360	-2.492	-2.511	-2.385	-2.129
5541	55.40	-1.803	-1.492	-1.268	-1.160	-1.144	-1.155	-1.129	-1.026	-0.853	-0.651
5551	55.50	-0.465	-0.321	-0.209	-0.096	0.050	0.232	0.415	0.543	0.563	0.462
5561	55.60	0.271	0.053	-0.131	-0.257	-0.347	-0.655	-0.628	-0.863	-1.093	-1.203
5571	55.70	-1.077	-0.650	0.052	0.919	1.793	2.532	3.053	3.358	3.502	3.556
5581	55.80	3.559	3.496	3.316	2.970	2.451	1.815	1.162	0.605	0.217	0.068
5591	55.90	-0.063	-0.065	-0.045	-0.010	0.067	0.221	0.448	0.694	0.862	0.853
5601	56.00	0.622	0.205	-0.279	-0.679	-0.871	-0.812	-0.560	-0.242	-0.001	0.075
5611	56.10	-0.016	-0.193	-0.341	-0.368	-0.255	-0.064	0.094	0.111	-0.064	-0.400
5621	56.20	-0.798	-1.134	-1.306	-1.279	-1.085	-0.809	-0.546	-0.366	-0.301	-0.346
5631	56.30	-0.478	-0.682	-0.954	-1.294	-1.696	-2.121	-2.502	-2.754	-2.807	-2.632
5641	56.40	-2.256	-1.762	-1.256	-0.830	-0.531	-0.341	-0.197	-0.014	0.266	0.650
5651	56.50	1.082	1.468	1.704	1.724	1.522	1.153	0.715	0.310	0.011	-0.156
5661	56.60	-0.211	-0.198	-0.165	-0.139	-0.121	-0.094	-0.037	0.058	0.188	0.339
5671	56.70	0.502	0.678	0.878	1.115	1.393	1.696	1.989	2.230	2.385	2.441
5681	56.80	2.409	2.317	2.196	2.068	1.941	1.812	1.678	1.545	1.434	1.369
5691	56.90	1.371	1.443	1.566	1.703	1.805	1.831	1.750	1.550	1.233	0.817
5701	57.00	0.327	-0.204	-0.738	-1.242	-1.691	-2.077	-2.405	-2.684	-2.918	-3.090
5711	57.10	-3.165	-3.104	-2.887	-2.539	-2.132	-1.775	-1.572	-1.580	-1.789	-2.076
5721	57.20	-2.331	-2.425	-2.303	-2.005	-1.641	-1.344	-1.207	-1.234	-1.345	-1.412
5731	57.30	-1.322	-1.033	-0.592	-0.116	0.267	0.472	0.495	0.399	0.285	0.227
5741	57.40	0.247	0.303	0.324	0.251	0.070	-0.183	-0.442	-0.648	-0.778	-0.846
5751	57.50	-0.886	-0.918	-0.927	-0.869	-0.696	-0.395	-0.003	0.393	0.704	0.878
5761	57.60	0.932	0.949	1.030	1.239	1.560	1.893	2.099	2.072	1.800	1.387
5771	57.70	1.020	0.892	1.120	1.691	2.471	3.254	3.857	4.178	4.231	4.117
5781	57.80	3.962	3.858	3.826	3.824	3.781	3.643	3.396	3.069	2.700	2.316
5791	57.90	1.908	1.452	0.927	0.347	-0.241	-0.772	-1.200	-1.522	-1.788	-2.070
5801	58.00	-2.423	-2.852	-3.300	-3.677	-3.908	-3.976	-3.934	-3.886	-3.934	-4.127
5811	58.10	-4.433	-4.760	-4.997	-5.072	-4.983	-4.797	-4.603	-4.464	-4.380	-4.284
5821	58.20	-4.083	-3.708	-3.152	-2.478	-1.790	-1.181	-0.695	-0.312	0.022	0.358
5831	58.30	0.706	1.025	1.249	1.329	1.268	1.136	1.034	1.054	1.234	1.542
5841	58.40	1.896	2.209	2.435	2.586	2.717	2.889	3.123	3.384	3.602	3.705
5851	58.50	3.672	3.550	3.434	3.420	3.556	3.808	4.074	4.229	4.186	3.938
5861	58.60	3.555	3.145	2.795	2.521	2.263	1.918	1.401	0.700	-0.099	-0.842
5871	58.70	-1.370	-1.587	-1.509	-1.252	-0.988	-0.868	-0.968	-1.260	-1.639	-1.976
5881	58.80	-2.174	-2.210	-2.134	-2.036	-1.998	-2.056	-2.191	-2.334	-2.407	-2.352
5891	58.90	-2.151	-1.830	-1.441	-1.041	-0.680	-0.390	-0.193	-0.099	-0.114	-0.236
5901	59.00	-0.450	-0.726	-1.024	-1.301	-1.527	-1.686	-1.781	-1.826	-1.836	-1.818
5911	59.10	-1.774	-1.702	-1.607	-1.498	-1.394	-1.304	-1.227	-1.142	-1.016	-0.820
5921	59.20	-0.540	-0.191	0.191	0.556	0.866	1.109	1.302	1.477	1.664	1.869
5931	59.30	2.072	2.229	2.303	2.274	2.160	2.008	1.871	1.785	1.751	1.736
5941	59.40	1.685	1.552	1.316	0.989	0.604	0.199	-0.207	-0.613	-1.029	-1.456
5951	59.50	-1.866	-2.208	-2.418	-2.447	-2.291	-1.988	-1.612	-1.232	-0.889	-0.575
5961	59.60	-0.247	0.142	0.606	1.102	1.539	1.811	1.843	1.631	1.252	0.838
5971	59.70	0.525	0.404	0.483	0.690	0.910	1.033	0.999	0.818	0.562	0.327
5981	59.80	0.195	0.203	0.333	0.525	0.703	0.799	0.776	0.622	0.360	0.022
5991	59.90	-0.356	-0.744	-1.117	-1.459	-1.757	-2.003	-2.189	-2.310	-2.358	-2.332

Table 7-16-13

TABLE OF CORRECTED ACCELERATION RECORD

NO.13

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-2.231	-2.066	-1.848	-1.592	-1.309	-1.001	-0.659	-0.277	0.140	0.569
6011	60.10	0.961	1.259	1.413	1.403	1.252	1.022	0.794	0.644	0.611	0.698
6021	60.20	0.873	1.095	1.336	1.593	1.882	2.222	2.610	3.014	3.377	3.640
6031	60.30	3.768	3.762	3.661	3.520	3.387	3.281	3.191	3.083	2.930	2.718
6041	60.40	2.458	2.173	1.880	1.576	1.238	0.840	0.366	-0.169	-0.722	-1.235
6051	60.50	-1.663	-1.989	-2.233	-2.435	-2.640	-2.869	-3.116	-3.355	-3.559	-3.721
6061	60.60	-3.864	-4.029	-4.259	-4.570	-4.941	-5.310	-5.598	-5.728	-5.653	-5.366
6071	60.70	-4.894	-4.295	-3.633	-2.968	-2.350	-1.810	-1.365	-1.013	-0.743	-0.530
6081	60.80	-0.351	-0.187	-0.031	0.114	0.238	0.342	0.438	0.559	0.747	1.032
6091	60.90	1.420	1.881	2.350	2.747	2.997	3.059	2.928	2.644	2.273	1.885
6101	61.00	1.541	1.276	1.100	1.000	0.948	0.911	0.860	0.779	0.665	0.533
6111	61.10	0.410	0.332	0.323	0.394	0.526	0.684	0.818	0.887	0.872	0.789
6121	61.20	0.678	0.601	0.611	0.743	0.991	1.313	1.639	1.884	1.975	1.862
6131	61.30	1.533	1.020	0.385	-0.288	-0.912	-1.417	-1.764	-1.949	-1.998	-1.962
6141	61.40	-1.892	-1.832	-1.805	-1.813	-1.843	-1.870	-1.876	-1.848	-1.785	-1.700
6151	61.50	-1.611	-1.539	-1.500	-1.501	-1.536	-1.588	-1.626	-1.621	-1.547	-1.393
6161	61.60	-1.167	-0.889	-0.591	-0.300	-0.032	0.210	0.434	0.656	0.893	1.159
6171	61.70	1.467	1.824	2.236	2.700	3.202	3.710	4.179	4.557	4.806	4.912
6181	61.80	4.893	4.796	4.679	4.589	4.539	4.509	4.453	4.321	4.086	3.762
6191	61.90	3.397	3.054	2.786	2.606	2.481	2.338	2.095	1.690	1.111	0.394
6201	62.00	-0.380	-1.120	-1.753	-2.241	-2.587	-2.825	-2.994	-3.121	-3.212	-3.252
6211	62.10	-3.222	-3.113	-2.939	-2.735	-2.550	-2.427	-2.384	-2.411	-2.463	-2.481
6221	62.20	-2.400	-2.176	-1.795	-1.277	-0.676	-0.066	0.475	0.881	1.112	1.164
6231	62.30	1.070	0.887	0.685	0.527	0.448	0.455	0.526	0.624	0.717	0.789
6241	62.40	0.842	0.894	0.956	1.019	1.052	1.003	0.822	0.481	-0.012	-0.610
6251	62.50	-1.248	-1.857	-2.393	-2.841	-3.212	-3.530	-3.813	-4.063	-4.270	-4.417
6261	62.60	-4.498	-4.520	-4.497	-4.442	-4.355	-4.219	-4.012	-3.718	-3.346	-2.935
6271	62.70	-2.536	-2.200	-1.949	-1.769	-1.615	-1.434	-1.191	-0.889	-0.566	-0.283
6281	62.80	-0.094	-0.020	-0.045	-0.118	-0.180	-0.183	-0.105	0.045	0.244	0.464
6291	62.90	0.682	0.885	1.049	1.161	1.196	1.135	0.984	0.775	0.571	0.444
6301	63.00	0.456	0.630	0.945	1.335	1.722	2.030	2.220	2.288	2.261	2.179
6311	63.10	2.076	1.968	1.856	1.731	1.587	1.432	1.286	1.177	1.129	1.158
6321	63.20	1.266	1.442	1.663	1.897	2.106	2.246	2.281	2.183	1.952	1.614
6331	63.30	1.226	0.858	0.578	0.427	0.405	0.478	0.585	0.668	0.698	0.682
6341	63.40	0.666	0.708	0.851	1.098	1.406	1.690	1.860	1.850	1.648	1.300
6351	63.50	0.895	0.533	0.289	0.188	0.200	0.258	0.285	0.224	0.057	-0.191
6361	63.60	-0.471	-0.726	-0.913	-1.012	-1.025	-0.969	-0.863	-0.722	-0.556	-0.368
6371	63.70	-0.155	0.085	0.358	0.665	1.000	1.341	1.649	1.869	1.948	1.851
6381	63.80	1.584	1.200	0.791	0.461	0.297	0.336	0.554	0.881	1.225	1.506
6391	63.90	1.683	1.758	1.765	1.748	1.731	1.718	1.692	1.629	1.519	1.368
6401	64.00	1.198	1.031	0.879	0.733	0.572	0.373	0.125	-0.167	-0.480	-0.792
6411	64.10	-1.086	-1.362	-1.632	-1.914	-2.217	-2.541	-2.875	-3.208	-3.533	-3.850
6421	64.20	-4.165	-4.475	-4.765	-5.008	-5.168	-5.218	-5.147	-4.969	-4.714	-4.419
6431	64.30	-4.111	-3.802	-3.486	-3.147	-2.773	-2.359	-1.907	-1.428	-0.931	-0.429
6441	64.40	0.067	0.534	0.942	1.254	1.438	1.483	1.406	1.252	1.084	0.959
6451	64.50	0.911	0.943	1.032	1.143	1.252	1.352	1.456	1.578	1.718	1.851
6461	64.60	1.931	1.908	1.754	1.480	1.140	0.812	0.569	0.447	0.438	0.490
6471	64.70	0.539	0.538	0.477	0.389	0.323	0.317	0.372	0.441	0.452	0.337
6481	64.80	0.069	-0.322	-0.757	-1.140	-1.399	-1.509	-1.507	-1.464	-1.452	-1.510
6491	64.90	-1.629	-1.761	-1.848	-1.853	-1.782	-1.678	-1.598	-1.583	-1.632	-1.701

Table 7-16-14

TABLE OF CORRECTED ACCELERATION RECORD

NO.14

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-1.722	-1.635	-1.411	-1.067	-0.651	-0.223	0.173	0.521	0.828	1.112
6511	65.10	1.380	1.623	1.826	1.976	2.083	2.180	2.311	2.507	2.764	3.041
6521	65.20	3.273	3.399	3.393	3.278	3.118	2.988	2.939	2.969	3.026	3.029
6531	65.30	2.906	2.633	2.242	1.811	1.430	1.167	1.037	1.009	1.020	1.006
6541	65.40	0.929	0.782	0.586	0.369	0.153	-0.054	-0.254	-0.440	-0.599	-0.706
6551	65.50	-0.741	-0.700	-0.607	-0.502	-0.431	-0.421	-0.471	-0.553	-0.631	-0.680
6561	65.60	-0.703	-0.731	-0.801	-0.939	-1.135	-1.348	-1.519	-1.600	-1.583	-1.501
6571	65.70	-1.417	-1.389	-1.446	-1.567	-1.691	-1.752	-1.709	-1.570	-1.391	-1.255
6581	65.80	-1.226	-1.320	-1.497	-1.672	-1.754	-1.684	-1.461	-1.134	-0.785	-0.492
6591	65.90	-0.297	-0.202	-0.174	-0.173	-0.170	-0.159	-0.153	-0.158	-0.165	-0.140
6601	66.00	-0.035	0.182	0.513	0.913	1.305	1.602	1.743	1.716	1.561	1.353
6611	66.10	1.170	1.060	1.025	1.023	0.995	0.893	0.704	0.457	0.210	0.019
6621	66.20	-0.084	-0.106	-0.093	-0.100	-0.174	-0.323	-0.523	-0.721	-0.869	-0.938
6631	66.30	-0.935	-0.891	-0.851	-0.844	-0.872	-0.911	-0.926	-0.889	-0.800	-0.687
6641	66.40	-0.598	-0.584	-0.674	-0.869	-1.140	-1.439	-1.719	-1.944	-2.095	-2.168
6651	66.50	-2.172	-2.117	-2.021	-1.900	-1.774	-1.662	-1.573	-1.503	-1.434	-1.341
6661	66.60	-1.206	-1.024	-0.815	-0.610	-0.438	-0.309	-0.205	-0.084	0.100	0.375
6671	66.70	0.730	1.118	1.470	1.723	1.845	1.846	1.773	1.685	1.635	1.647
6681	66.80	1.720	1.837	1.980	2.143	2.323	2.514	2.698	2.839	2.894	2.835
6691	66.90	2.663	2.412	2.135	1.880	1.668	1.483	1.283	1.029	0.712	0.365
6701	67.00	0.058	-0.138	-0.177	-0.066	0.137	0.349	0.497	0.547	0.511	0.436
6711	67.10	0.375	0.361	0.399	0.473	0.570	0.694	0.866	1.111	1.430	1.788
6721	67.20	2.112	2.322	2.367	2.257	2.059	1.878	1.805	1.874	2.043	2.212
6731	67.30	2.269	2.143	1.844	1.458	1.109	0.910	0.905	1.053	1.244	1.350
6741	67.40	1.270	0.972	0.492	-0.089	-0.685	-1.238	-1.729	-2.171	-2.577	-2.948
6751	67.50	-3.255	-3.459	-3.528	-3.459	-3.288	-3.073	-2.877	-2.744	-2.685	-2.682
6761	67.60	-2.707	-2.734	-2.756	-2.776	-2.799	-2.817	-2.804	-2.724	-2.548	-2.271
6771	67.70	-1.920	-1.545	-1.202	-0.932	-0.743	-0.617	-0.519	-0.428	-0.347	-0.304
6781	67.80	-0.340	-0.478	-0.704	-0.961	-1.163	-1.226	-1.103	-0.799	-0.376	0.077
6791	67.90	0.474	0.764	0.941	1.038	1.100	1.160	1.222	1.261	1.242	1.143
6801	68.00	0.966	0.742	0.516	0.331	0.207	0.138	0.101	0.066	0.010	-0.077
6811	68.10	-0.197	-0.367	-0.526	-0.730	-0.944	-1.139	-1.272	-1.301	-1.204	-0.997
6821	68.20	-0.737	-0.507	-0.383	-0.405	-0.556	-0.769	-0.957	-1.053	-1.041	-0.963
6831	68.30	-0.897	-0.914	-1.036	-1.217	-1.355	-1.336	-1.085	-0.602	0.027	0.665
6841	68.40	1.175	1.472	1.547	1.467	1.331	1.228	1.202	1.239	1.287	1.292
6851	68.50	1.229	1.114	0.993	0.920	0.926	1.005	1.121	1.228	1.288	1.290
6861	68.60	1.245	1.172	1.082	0.970	0.821	0.627	0.402	0.187	0.038	0.004
6871	68.70	0.100	0.298	0.530	0.715	0.789	0.736	0.583	0.397	0.251	0.196
6881	68.80	0.253	0.409	0.632	0.894	1.173	1.463	1.758	2.043	2.295	2.487
6891	68.90	2.602	2.643	2.629	2.587	2.532	2.455	2.323	2.095	1.746	1.291
6901	69.00	0.787	0.314	-0.049	-0.261	-0.332	-0.318	-0.291	-0.312	-0.403	-0.548
6911	69.10	-0.708	-0.846	-0.951	-1.044	-1.156	-1.317	-1.527	-1.762	-1.981	-2.154
6921	69.20	-2.276	-2.363	-2.445	-2.533	-2.607	-2.622	-2.528	-2.304	-1.975	-1.617
6931	69.30	-1.322	-1.158	-1.139	-1.208	-1.270	-1.230	-1.046	-0.743	-0.408	-0.141
6941	69.40	-0.017	-0.063	-0.168	-0.309	-0.395	-0.403	-0.362	-0.325	-0.333	-0.382
6951	69.50	-0.417	-0.357	-0.140	0.240	0.722	1.202	1.573	1.776	1.814	1.748
6961	69.60	1.655	1.592	1.562	1.529	1.436	1.250	0.979	0.675	0.406	0.218
6971	69.70	0.112	0.049	-0.033	-0.172	-0.366	-0.565	-0.698	-0.710	-0.593	-0.392
6981	69.80	-0.190	-0.060	-0.038	-0.101	-0.179	-0.193	-0.092	0.124	0.402	0.659
6991	69.90	0.820	0.846	0.749	0.580	0.406	0.282	0.237	0.268	0.368	0.441

Table 7-16-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	0.515	0.550	0.534	0.469	0.360	0.217	0.049	-0.140	-0.354	-0.604
7011	70.10	-0.907	-1.272	-1.689	-2.122	-2.513	-2.799	-2.933	-2.909	-2.758	-2.547
7021	70.20	-2.347	-2.203	-2.119	-2.055	-1.953	-1.767	-1.490	-1.159	-0.848	-0.629
7031	70.30	-0.543	-0.584	-0.696	-0.803	-0.836	-0.762	-0.591	-0.363	-0.128	0.080
7041	70.40	0.249	0.390	0.515	0.631	0.727	0.785	0.793	0.763	0.728	0.739
7051	70.50	0.840	1.044	1.327	1.630	1.876	2.003	1.978	1.812	1.549	1.244
7061	70.60	0.947	0.683	0.456	0.256	0.077	-0.071	-0.158	-0.141	0.016	0.323
7071	70.70	0.750	1.229	1.664	1.962	2.057	1.936	1.645	1.280	0.959	0.778
7081	70.80	0.788	0.973	1.261	1.555	1.773	1.880	1.904	1.913	1.986	2.166
7091	70.90	2.435	2.716	2.904	2.914	2.720	2.373	1.982	1.669	1.516	1.533
7101	71.00	1.655	1.778	1.808	1.702	1.487	1.237	1.034	0.920	0.876	0.831
7111	71.10	0.704	0.444	0.066	-0.353	-0.708	-0.910	-0.933	-0.823	-0.677	-0.602
7121	71.20	-0.667	-0.883	-1.204	-1.561	-1.893	-2.174	-2.415	-2.643	-2.871	-3.084
7131	71.30	-3.237	-3.281	-3.188	-2.977	-2.705	-2.455	-2.290	-2.235	-2.264	-2.315
7141	71.40	-2.325	-2.257	-2.118	-1.957	-1.831	-1.785	-1.825	-1.914	-1.992	-2.000
7151	71.50	-1.900	-1.694	-1.412	-1.106	-0.827	-0.611	-0.473	-0.409	-0.403	-0.432
7161	71.60	-0.477	-0.524	-0.566	-0.604	-0.641	-0.679	-0.713	-0.730	-0.709	-0.630
7171	71.70	-0.492	-0.318	-0.156	-0.067	-0.101	-0.273	-0.548	-0.852	-1.091	-1.192
7181	71.80	-1.131	-0.944	-0.712	-0.524	-0.435	-0.443	-0.489	-0.489	-0.373	-0.123
7191	71.90	0.218	0.565	0.830	0.966	0.983	0.942	0.924	0.984	1.127	1.308
7201	72.00	1.460	1.531	1.516	1.460	1.438	1.512	1.697	1.946	2.172	2.283
7211	72.10	2.225	2.009	1.702	1.391	1.146	0.987	0.878	0.755	0.560	0.279
7221	72.20	-0.055	-0.373	-0.607	-0.725	-0.742	-0.711	-0.692	-0.721	-0.789	-0.850
7231	72.30	-0.845	-0.737	-0.531	-0.276	-0.036	0.132	0.215	0.239	0.261	0.336
7241	72.40	0.490	0.711	0.953	1.164	1.310	1.390	1.430	1.473	1.550	1.667
7251	72.50	1.804	1.919	1.973	1.942	1.825	1.641	1.423	1.203	1.010	0.862
7261	72.60	0.766	0.719	0.710	0.718	0.719	0.693	0.635	0.554	0.473	0.419
7271	72.70	0.411	0.444	0.495	0.529	0.519	0.457	0.361	0.269	0.217	0.224
7281	72.80	0.283	0.364	0.435	0.474	0.483	0.484	0.499	0.535	0.571	0.567
7291	72.90	0.483	0.300	0.037	-0.254	-0.511	-0.694	-0.796	-0.854	-0.922	-1.041
7301	73.00	-1.215	-1.405	-1.545	-1.574	-1.472	-1.269	-1.038	-0.856	-0.777	-0.803
7311	73.10	-0.892	-0.978	-1.013	-0.985	-0.921	-0.869	-0.860	-0.888	-0.906	-0.848
7321	73.20	-0.668	-0.373	-0.029	0.257	0.388	0.316	0.071	-0.247	-0.515	-0.636
7331	73.30	-0.589	-0.436	-0.300	-0.306	-0.529	-0.952	-1.473	-1.946	-2.241	-2.297
7341	73.40	-2.146	-1.901	-1.701	-1.658	-1.809	-2.101	-2.420	-2.635	-2.653	-2.454
7351	73.50	-2.093	-1.672	-1.299	-1.046	-0.924	-0.892	-0.880	-0.825	-0.698	-0.512
7361	73.60	-0.311	-0.144	-0.038	0.012	0.047	0.121	0.282	0.548	0.904	1.302
7371	73.70	1.682	1.994	2.202	2.301	2.300	2.220	2.080	1.895	1.675	1.434
7381	73.80	1.191	0.975	0.815	0.734	0.737	0.803	0.894	0.960	0.959	0.868
7391	73.90	0.698	0.481	0.268	0.105	0.015	-0.002	0.028	0.070	0.099	0.112
7401	74.00	0.128	0.179	0.291	0.463	0.663	0.830	0.902	0.837	0.637	0.347
7411	74.10	0.048	-0.181	-0.284	-0.252	-0.123	0.043	0.182	0.258	0.272	0.252
7421	74.20	0.237	0.258	0.323	0.417	0.519	0.615	0.705	0.808	0.938	1.101
7431	74.30	1.276	1.425	1.508	1.502	1.418	1.294	1.183	1.126	1.129	1.159
7441	74.40	1.153	1.045	0.802	0.437	0.013	-0.379	-0.654	-0.765	-0.716	-0.566
7451	74.50	-0.396	-0.285	-0.283	-0.394	-0.585	-0.803	-0.996	-1.129	-1.196	-1.208
7461	74.60	-1.185	-1.149	-1.112	-1.081	-1.057	-1.040	-1.027	-1.012	-0.981	-0.914
7471	74.70	-0.795	-0.617	-0.393	-0.155	0.050	0.181	0.217	0.168	0.078	0.007
7481	74.80	0.010	0.112	0.303	0.535	0.746	0.879	0.906	0.832	0.691	0.528
7491	74.90	0.382	0.275	0.212	0.183	0.181	0.201	0.242	0.302	0.374	0.442

Table 7-16-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	0.493	0.519	0.529	0.537	0.558	0.590	0.610	0.579	0.463	0.254
7511	75.10	-0.018	-0.284	-0.468	-0.517	-0.432	-0.272	-0.133	-0.106	-0.239	-0.511
7521	75.20	-0.849	-1.161	-1.383	-1.509	-1.591	-1.704	-1.895	-2.154	-2.405	-2.538
7531	75.30	-2.469	-2.185	-1.761	-1.332	-1.037	-0.953	-1.063	-1.264	-1.417	-1.416
7541	75.40	-1.236	-0.936	-0.628	-0.410	-0.321	-0.315	-0.293	-0.157	0.139	0.560
7551	75.50	1.009	1.370	1.571	1.607	1.543	1.469	1.454	1.505	1.574	1.585
7561	75.60	1.479	1.255	0.967	0.705	0.544	0.512	0.579	0.671	0.712	0.657
7571	75.70	0.507	0.296	0.067	-0.161	-0.397	-0.669	-0.991	-1.342	-1.661	-1.866
7581	75.80	-1.890	-1.717	-1.394	-1.019	-0.699	-0.515	-0.486	-0.575	-0.708	-0.813
7591	75.90	-0.846	-0.809	-0.733	-0.659	-0.613	-0.592	-0.573	-0.524	-0.427	-0.279
7601	76.00	-0.099	0.086	0.252	0.385	0.476	0.524	0.524	0.471	0.363	0.210
7611	76.10	0.034	-0.134	-0.255	-0.303	-0.262	-0.133	0.073	0.339	0.645	0.969
7621	76.20	1.281	1.547	1.728	1.799	1.751	1.611	1.428	1.270	1.196	1.236
7631	76.30	1.386	1.604	1.835	2.028	2.155	2.215	2.228	2.218	2.195	2.153
7641	76.40	2.075	1.942	1.750	1.519	1.283	1.082	0.942	0.866	0.839	0.836
7651	76.50	0.839	0.844	0.863	0.911	0.984	1.054	1.069	0.972	0.727	0.340
7661	76.60	-0.133	-0.603	-0.978	-1.197	-1.258	-1.208	-1.129	-1.095	-1.145	-1.267
7671	76.70	-1.414	-1.527	-1.574	-1.563	-1.538	-1.549	-1.625	-1.747	-1.851	-1.854
7681	76.80	-1.696	-1.370	-0.935	-0.494	-0.156	0.011	0.007	-0.105	-0.224	-0.262
7691	76.90	-0.172	0.028	0.278	0.504	0.652	0.716	0.727	0.737	0.783	0.866
7701	77.00	0.949	0.970	0.877	0.652	0.323	-0.044	-0.369	-0.590	-0.684	-0.672
7711	77.10	-0.605	-0.542	-0.523	-0.558	-0.626	-0.691	-0.718	-0.691	-0.622	-0.541
7721	77.20	-0.482	-0.471	-0.520	-0.620	-0.758	-0.922	-1.110	-1.323	-1.557	-1.794
7731	77.30	-1.996	-2.113	-2.106	-1.966	-1.726	-1.458	-1.249	-1.167	-1.233	-1.407
7741	77.40	-1.602	-1.717	-1.685	-1.493	-1.196	-0.884	-0.650	-0.543	-0.554	-0.618
7751	77.50	-0.651	-0.586	-0.400	-0.126	0.173	0.430	0.602	0.689	0.722	0.749
7761	77.60	0.811	0.925	1.083	1.261	1.426	1.550	1.608	1.584	1.471	1.278
7771	77.70	1.029	0.771	0.552	0.410	0.352	0.351	0.352	0.306	0.200	0.074
7781	77.80	0.010	0.102	0.400	0.873	1.406	1.831	1.991	1.809	1.321	0.672
7791	77.90	0.060	-0.343	-0.455	-0.311	-0.037	0.210	0.315	0.247	0.068	-0.112
7801	78.00	-0.187	-0.109	0.095	0.342	0.537	0.619	0.588	0.495	0.418	0.419
7811	78.10	0.514	0.671	0.826	0.918	0.914	0.825	0.696	0.585	0.534	0.555
7821	78.20	0.623	0.694	0.717	0.664	0.530	0.341	0.140	-0.030	-0.140	-0.181
7831	78.30	-0.165	-0.118	-0.065	-0.025	-0.006	-0.001	-0.011	-0.034	-0.075	-0.145
7841	78.40	-0.251	-0.386	-0.534	-0.665	-0.753	-0.780	-0.749	-0.678	-0.590	-0.505
7851	78.50	-0.427	-0.347	-0.257	-0.157	-0.067	-0.024	-0.064	-0.201	-0.415	-0.649
7861	78.60	-0.830	-0.894	-0.817	-0.626	-0.386	-0.180	-0.069	-0.074	-0.166	-0.290
7871	78.70	-0.384	-0.415	-0.381	-0.309	-0.235	-0.177	-0.129	-0.063	0.055	0.240
7881	78.80	0.681	0.737	0.958	1.099	1.145	1.107	1.018	0.913	0.818	0.735
7891	78.90	0.650	0.543	0.401	0.229	0.052	-0.095	-0.175	-0.169	-0.076	0.076
7901	79.00	0.262	0.366	0.401	0.320	0.127	-0.145	-0.442	-0.704	-0.885	-0.960
7911	79.10	-0.933	-0.829	-0.678	-0.506	-0.326	-0.146	0.029	0.187	0.307	0.370
7921	79.20	0.372	0.330	0.279	0.261	0.295	0.369	0.434	0.428	0.309	0.082
7931	79.30	-0.189	-0.402	-0.460	-0.319	-0.021	0.312	0.523	0.481	0.141	-0.435
7941	79.40	-1.099	-1.674	-2.028	-2.120	-2.011	-1.825	-1.689	-1.670	-1.752	-1.851
7951	79.50	-1.863	-1.722	-1.437	-1.088	-0.791	-0.642	-0.672	-0.831	-1.013	-1.104
7961	79.60	-1.024	-0.763	-0.376	0.044	0.410	0.669	0.813	0.872	0.889	0.902
7971	79.70	0.925	0.958	0.986	0.998	0.982	0.930	0.836	0.696	0.516	0.322
7981	79.80	0.159	0.081	0.131	0.317	0.602	0.908	1.140	1.224	1.136	0.912
7991	79.90	0.635	0.399	0.273	0.277	0.382	0.529	0.668	0.772	0.852	0.938

Table 7-16-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	1.054	1.199	1.341	1.432	1.436	1.347	1.199	1.048	0.947	0.921
8011	80.10	0.955	1.006	1.026	0.991	0.909	0.817	0.755	0.740	0.751	0.738
8021	80.20	0.644	0.435	0.117	-0.260	-0.629	-0.927	-1.120	-1.210	-1.218	-1.164
8031	80.30	-1.051	-0.862	-0.579	-0.204	0.219	0.606	0.861	0.906	0.721	0.352
8041	80.40	-0.095	-0.496	-0.752	-0.821	-0.727	-0.544	-0.359	-0.235	-0.191	-0.203
8051	80.50	-0.227	-0.225	-0.188	-0.145	-0.144	-0.229	-0.420	-0.692	-0.985	-1.225
8061	80.60	-1.366	-1.319	-1.157	-0.915	-0.664	-0.471	-0.376	-0.387	-0.477	-0.609
8071	80.70	-0.746	-0.866	-0.970	-1.071	-1.181	-1.304	-1.425	-1.517	-1.548	-1.495
8081	80.80	-1.351	-1.130	-0.860	-0.573	-0.299	-0.064	0.116	0.226	0.258	0.209
8091	80.90	0.086	-0.088	-0.280	-0.448	-0.559	-0.591	-0.540	-0.416	-0.237	-0.019
8101	81.00	0.225	0.481	0.730	0.943	1.084	1.123	1.054	0.900	0.711	0.549
8111	81.10	0.465	0.475	0.556	0.654	0.713	0.694	0.595	0.444	0.283	0.144
8121	81.20	0.038	-0.047	-0.129	-0.212	-0.283	-0.307	-0.256	-0.124	0.065	0.261
8131	81.30	0.417	0.512	0.563	0.614	0.711	0.864	1.036	1.154	1.142	0.966
8141	81.40	0.657	0.313	0.052	-0.032	0.083	0.340	0.628	0.836	0.900	0.830
8151	81.50	0.696	0.582	0.544	0.575	0.613	0.582	0.427	0.154	-0.177	-0.477
8161	81.60	-0.677	-0.754	-0.740	-0.698	-0.683	-0.714	-0.774	-0.819	-0.822	-0.784
8171	81.70	-0.745	-0.756	-0.850	-1.018	-1.208	-1.351	-1.396	-1.334	-1.201	-1.051
8181	81.80	-0.925	-0.824	-0.706	-0.521	-0.239	0.114	0.459	0.697	0.753	0.622
8191	81.90	0.372	0.123	-0.007	0.066	0.269	0.574	0.851	1.008	1.016	0.910
8201	82.00	0.765	0.654	0.615	0.640	0.687	0.713	0.697	0.650	0.604	0.593
8211	82.10	0.629	0.700	0.775	0.825	0.838	0.819	0.784	0.746	0.701	0.634
8221	82.20	0.532	0.397	0.255	0.148	0.120	0.190	0.350	0.564	0.789	0.997
8231	82.30	1.186	1.377	1.590	1.828	2.061	2.229	2.270	2.145	1.856	1.453
8241	82.40	1.011	0.600	0.264	0.008	-0.190	-0.358	-0.510	-0.640	-0.727	-0.753
8251	82.50	-0.725	-0.677	-0.659	-0.713	-0.856	-1.063	-1.282	-1.454	-1.539	-1.533
8261	82.60	-1.468	-1.396	-1.365	-1.394	-1.476	-1.577	-1.661	-1.705	-1.711	-1.698
8271	82.70	-1.691	-1.706	-1.739	-1.766	-1.756	-1.681	-1.530	-1.308	-1.040	-0.755
8281	82.80	-0.481	-0.238	-0.039	0.106	0.190	0.210	0.162	0.053	-0.102	-0.281
8291	82.90	-0.459	-0.611	-0.722	-0.785	-0.805	-0.788	-0.742	-0.675	-0.591	-0.497
8301	83.00	-0.403	-0.322	-0.271	-0.263	-0.304	-0.387	-0.493	-0.591	-0.650	-0.645
8311	83.10	-0.564	-0.410	-0.200	0.040	0.282	0.498	0.668	0.776	0.814	0.782
8321	83.20	0.690	0.559	0.419	0.301	0.231	0.220	0.258	0.319	0.371	0.385
8331	83.30	0.353	0.287	0.217	0.177	0.188	0.247	0.329	0.390	0.389	0.305
8341	83.40	0.143	-0.063	-0.263	-0.406	-0.454	-0.394	-0.235	-0.006	0.257	0.512
8351	83.50	0.723	0.859	0.901	0.842	0.695	0.488	0.263	0.063	-0.081	-0.154
8361	83.60	-0.163	-0.127	-0.071	-0.007	0.066	0.164	0.300	0.480	0.686	0.883
8371	83.70	1.032	1.100	1.076	0.981	0.852	0.739	0.679	0.691	0.771	0.901
8381	83.80	1.060	1.229	1.399	1.563	1.710	1.824	1.879	1.855	1.743	1.556
8391	83.90	1.329	1.112	0.953	0.884	0.909	1.001	1.115	1.199	1.214	1.143
8401	84.00	0.997	0.804	0.602	0.423	0.283	0.182	0.102	0.019	-0.086	-0.219
8411	84.10	-0.371	-0.517	-0.628	-0.680	-0.667	-0.604	-0.524	-0.474	-0.494	-0.611
8421	84.20	-0.824	-1.110	-1.425	-1.720	-1.951	-2.092	-2.139	-2.103	-2.010	-1.887
8431	84.30	-1.755	-1.630	-1.515	-1.411	-1.315	-1.226	-1.149	-1.095	-1.078	-1.110
8441	84.40	-1.193	-1.317	-1.455	-1.571	-1.630	-1.607	-1.498	-1.326	-1.133	-0.967
8451	84.50	-0.866	-0.845	-0.891	-0.969	-1.040	-1.073	-1.057	-1.003	-0.934	-0.866
8461	84.60	-0.801	-0.722	-0.595	-0.392	-0.100	0.261	0.645	0.989	1.235	1.347
8471	84.70	1.326	1.209	1.053	0.923	0.866	0.902	1.018	1.179	1.340	1.466
8481	84.80	1.539	1.567	1.573	1.585	1.621	1.678	1.734	1.758	1.722	1.618
8491	84.90	1.466	1.301	1.166	1.089	1.069	1.082	1.085	1.039	0.926	0.755

Table 7-16-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.555	0.360	0.190	0.045	-0.094	-0.244	-0.407	-0.563	-0.671	-0.693
8511	85.10	-0.614	-0.452	-0.256	-0.085	0.014	0.031	-0.015	-0.089	-0.162	-0.235
8521	85.20	-0.332	-0.486	-0.711	-0.978	-1.221	-1.360	-1.337	-1.150	-0.862	-0.576
8531	85.30	-0.392	-0.360	-0.460	-0.605	-0.688	-0.634	-0.434	-0.156	0.088	0.195
8541	85.40	0.118	-0.110	-0.390	-0.600	-0.644	-0.491	-0.181	0.198	0.550	0.807
8551	85.50	0.946	0.990	0.984	0.973	0.983	1.023	1.088	1.172	1.270	1.380
8561	85.60	1.494	1.599	1.673	1.695	1.652	1.544	1.382	1.184	0.964	0.733
8571	85.70	0.501	0.277	0.078	-0.081	-0.193	-0.270	-0.345	-0.464	-0.663	-0.951
8581	85.80	-1.297	-1.638	-1.900	-2.026	-2.008	-1.886	-1.737	-1.637	-1.634	-1.721
8591	85.90	-1.840	-1.912	-1.866	-1.674	-1.357	-0.981	-0.625	-0.348	-0.175	-0.089
8601	86.00	-0.049	-0.011	0.051	0.140	0.239	0.324	0.382	0.414	0.434	0.458
8611	86.10	0.492	0.529	0.550	0.534	0.471	0.365	0.236	0.113	0.017	-0.042
8621	86.20	-0.074	-0.099	-0.137	-0.201	-0.285	-0.372	-0.437	-0.465	-0.449	-0.405
8631	86.30	-0.353	-0.319	-0.317	-0.345	-0.391	-0.437	-0.465	-0.471	-0.460	-0.440
8641	86.40	-0.420	-0.400	-0.373	-0.328	-0.260	-0.174	-0.086	-0.021	0.003	-0.022
8651	86.50	-0.089	-0.179	-0.269	-0.342	-0.391	-0.422	-0.446	-0.473	-0.502	-0.527
8661	86.60	-0.537	-0.523	-0.485	-0.437	-0.395	-0.378	-0.386	-0.420	-0.455	-0.463
8671	86.70	-0.418	-0.302	-0.116	0.126	0.400	0.676	0.933	1.159	1.358	1.540
8681	86.80	1.715	1.888	2.053	2.191	2.283	2.314	2.286	2.213	2.123	2.039
8691	86.90	1.970	1.907	1.827	1.704	1.531	1.322	1.115	0.954	0.870	0.860
8701	87.00	0.883	0.879	0.786	0.578	0.275	-0.060	-0.339	-0.488	-0.476	-0.326
8711	87.10	-0.107	0.093	0.199	0.176	0.036	-0.171	-0.386	-0.560	-0.671	-0.733
8721	87.20	-0.774	-0.826	-0.902	-0.993	-1.064	-1.072	-0.982	-0.787	-0.513	-0.217
8731	87.30	0.031	0.168	0.166	0.043	-0.141	-0.302	-0.386	-0.301	-0.130	0.074
8741	87.40	0.221	0.238	0.108	-0.127	-0.382	-0.573	-0.652	-0.635	-0.589	-0.603
8751	87.50	-0.736	-0.991	-1.307	-1.592	-1.764	-1.792	-1.706	-1.580	-1.484	-1.446
8761	87.60	-1.437	-1.387	-1.225	-0.933	-0.559	-0.208	0.003	0.008	-0.179	-0.466
8771	87.70	-0.718	-0.826	-0.749	-0.534	-0.285	-0.109	-0.068	-0.148	-0.281	-0.378
8781	87.80	-0.385	-0.307	-0.202	-0.141	-0.169	-0.276	-0.400	-0.462	-0.408	-0.235
8791	87.90	0.003	0.233	0.400	0.498	0.570	0.684	0.886	1.171	1.478	1.716
8801	88.00	1.808	1.731	1.530	1.295	1.124	1.071	1.130	1.242	1.326	1.326
8811	88.10	1.233	1.088	0.956	0.887	0.893	0.938	0.961	0.908	0.759	0.536
8821	88.20	0.294	0.085	-0.057	-0.134	-0.177	-0.219	-0.278	-0.343	-0.384	-0.366
8831	88.30	-0.273	-0.116	0.063	0.215	0.301	0.308	0.250	0.167	0.103	0.090
8841	88.40	0.145	0.258	0.408	0.562	0.684	0.746	0.728	0.630	0.466	0.272
8851	88.50	0.089	-0.043	-0.104	-0.099	-0.064	-0.043	-0.075	-0.177	-0.330	-0.493
8861	88.60	-0.622	-0.690	-0.704	-0.706	-0.751	-0.885	-1.115	-1.406	-1.690	-1.892
8871	88.70	-1.960	-1.886	-1.704	-1.478	-1.266	-1.103	-0.986	-0.879	-0.742	-0.547
8881	88.80	-0.299	-0.035	0.195	0.351	0.420	0.426	0.416	0.443	0.539	0.703
8891	88.90	0.906	1.098	1.238	1.301	1.291	1.232	1.153	1.071	0.985	0.881
8901	89.00	0.741	0.555	0.333	0.103	-0.103	-0.257	-0.349	-0.387	-0.390	-0.382
8911	89.10	-0.375	-0.374	-0.378	-0.385	-0.402	-0.438	-0.506	-0.607	-0.729	-0.849
8921	89.20	-0.942	-0.992	-1.001	-0.986	-0.968	-0.957	-0.941	-0.896	-0.791	-0.617
8931	89.30	-0.395	-0.178	-0.028	0.010	-0.060	-0.184	-0.272	-0.232	-0.016	0.359
8941	89.40	0.806	1.207	1.449	1.479	1.314	1.034	0.746	0.539	0.445	0.441
8951	89.50	0.457	0.424	0.298	0.083	-0.174	-0.407	-0.559	-0.599	-0.529	-0.373
8961	89.60	-0.165	0.068	0.303	0.519	0.692	0.790	0.786	0.667	0.443	0.151
8971	89.70	-0.156	-0.422	-0.805	-0.684	-0.661	-0.546	-0.359	-0.119	0.146	0.399
8981	89.80	0.592	0.678	0.630	0.457	0.209	-0.034	-0.190	-0.213	-0.109	0.061
8991	89.90	0.206	0.249	0.160	-0.031	-0.248	-0.405	-0.454	-0.400	-0.306	-0.254

Table 7-16-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	-0.307	-0.470	-0.690	-0.879	-0.955	-0.887	-0.700	-0.472	-0.285	-0.190
9011	90.10	-0.186	-0.218	-0.220	-0.146	0.002	0.172	0.296	0.326	0.262	0.157
9021	90.20	0.091	0.131	0.299	0.556	0.826	1.032	1.127	1.119	1.057	1.001
9031	90.30	0.985	1.002	1.007	0.946	0.794	0.568	0.332	0.162	0.115	0.199
9041	90.40	0.370	0.553	0.681	0.721	0.687	0.622	0.572	0.554	0.545	0.495
9051	90.50	0.353	0.097	-0.248	-0.618	-0.937	-1.145	-1.219	-1.179	-1.069	-0.938
9061	90.60	-0.820	-0.729	-0.664	-0.621	-0.602	-0.611	-0.647	-0.698	-0.732	-0.719
9071	90.70	-0.639	-0.499	-0.335	-0.197	-0.121	-0.115	-0.143	-0.150	-0.080	0.082
9081	90.80	0.304	0.514	0.629	0.593	0.408	0.131	-0.146	-0.333	-0.380	-0.295
9091	90.90	-0.131	0.039	0.159	0.208	0.202	0.180	0.170	0.178	0.178	0.127
9101	91.00	-0.008	-0.233	-0.518	-0.805	-1.029	-1.141	-1.119	-0.979	-0.757	-0.500
9111	91.10	-0.249	-0.032	0.139	0.265	0.352	0.409	0.441	0.454	0.454	0.444
9121	91.20	0.431	0.421	0.426	0.459	0.528	0.637	0.776	0.922	1.045	1.111
9131	91.30	1.100	1.008	0.849	0.655	0.459	0.287	0.155	0.065	0.014	-0.002
9141	91.40	0.013	0.057	0.121	0.188	0.235	0.234	0.173	0.051	-0.110	-0.280
9151	91.50	-0.430	-0.546	-0.630	-0.700	-0.773	-0.857	-0.939	-0.994	-0.992	-0.916
9161	91.60	-0.774	-0.595	-0.425	-0.303	-0.255	-0.278	-0.349	-0.430	-0.486	-0.493
9171	91.70	-0.443	-0.341	-0.201	-0.040	0.131	0.302	0.465	0.608	0.721	0.787
9181	91.80	0.794	0.732	0.603	0.421	0.216	0.025	-0.114	-0.174	-0.149	-0.060
9191	91.90	0.051	0.141	0.177	0.156	0.101	0.055	0.052	0.104	0.183	0.237
9201	92.00	0.212	0.080	-0.136	-0.367	-0.522	-0.527	-0.355	-0.048	0.306	0.603
9211	92.10	0.768	0.781	0.682	0.546	0.440	0.398	0.406	0.416	0.382	0.282
9221	92.20	0.140	0.005	-0.069	-0.059	0.017	0.109	0.161	0.141	0.058	-0.048
9231	92.30	-0.127	-0.154	-0.140	-0.131	-0.176	-0.296	-0.463	-0.608	-0.653	-0.550
9241	92.40	-0.313	-0.020	0.217	0.305	0.205	-0.040	-0.332	-0.554	-0.631	-0.556
9251	92.50	-0.394	-0.248	-0.209	-0.312	-0.521	-0.747	-0.886	-0.866	-0.676	-0.368
9261	92.60	-0.031	0.246	0.404	0.429	0.348	0.210	0.059	-0.073	-0.174	-0.242
9271	92.70	-0.281	-0.295	-0.287	-0.262	-0.230	-0.202	-0.182	-0.169	-0.149	-0.112
9281	92.80	-0.058	-0.003	0.020	-0.022	-0.145	-0.333	-0.539	-0.694	-0.757	-0.637
9291	92.90	-0.407	-0.101	0.205	0.442	0.570	0.587	0.520	0.409	0.289	0.180
9301	93.00	0.089	0.020	-0.019	-0.015	0.046	0.168	0.342	0.543	0.745	0.932
9311	93.10	1.098	1.250	1.392	1.513	1.584	1.569	1.446	1.230	0.974	0.756
9321	93.20	0.666	0.672	0.797	0.933	0.978	0.868	0.610	0.285	0.013	-0.105
9331	93.30	-0.041	0.134	0.286	0.272	0.018	-0.439	-0.956	-1.343	-1.448	-1.226
9341	93.40	-0.763	-0.242	0.138	0.243	0.061	-0.305	-0.691	-0.951	-1.019	-0.931
9351	93.50	-0.790	-0.706	-0.733	-0.850	-0.974	-1.012	-0.919	-0.723	-0.512	-0.383
9361	93.60	-0.397	-0.536	-0.724	-0.857	-0.867	-0.758	-0.600	-0.497	-0.529	-0.709
9371	93.70	-0.970	-1.201	-1.296	-1.208	-0.970	-0.675	-0.436	-0.331	-0.372	-0.506
9381	93.80	-0.650	-0.731	-0.718	-0.630	-0.514	-0.412	-0.338	-0.269	-0.163	0.011
9391	93.90	0.257	0.540	0.803	0.994	1.087	1.089	1.034	0.960	0.897	0.853
9401	94.00	0.825	0.809	0.811	0.844	0.924	1.047	1.190	1.311	1.371	1.349
9411	94.10	1.256	1.130	1.019	0.950	0.919	0.889	0.812	0.651	0.410	0.133
9421	94.20	-0.106	-0.238	-0.225	-0.072	0.173	0.443	0.678	0.844	0.934	0.959
9431	94.30	0.935	0.868	0.759	0.611	0.439	0.276	0.164	0.138	0.209	0.355
9441	94.40	0.528	0.672	0.745	0.734	0.658	0.555	0.459	0.390	0.366	0.305
9451	94.50	0.250	0.171	0.080	-0.000	-0.048	-0.055	-0.029	0.006	0.022	0.001
9461	94.60	-0.062	-0.161	-0.285	-0.429	-0.595	-0.785	-1.000	-1.220	-1.414	-1.539
9471	94.70	-1.564	-1.479	-1.306	-1.097	-0.912	-0.807	-0.811	-0.919	-1.099	-1.305
9481	94.80	-1.499	-1.658	-1.780	-1.877	-1.965	-2.050	-2.121	-2.159	-2.140	-2.050
9491	94.90	-1.890	-1.681	-1.456	-1.248	-1.085	-0.978	-0.925	-0.911	-0.917	-0.926

Table 7-16-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1208 S104-FU-1-4 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -42.553 (GAL) T= 22.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	-0.922	-0.897	-0.844	-0.753	-0.617	-0.428	-0.188	0.095	0.400	0.699
9511	95.10	0.960	1.160	1.290	1.355	1.378	1.390	1.422	1.492	1.604	1.741
9521	95.20	1.878	1.985	2.042	2.042	1.999	1.939	1.891	1.875	1.896	1.938
9531	95.30	1.971	1.958	1.874	1.710	1.481	1.221	0.972	0.773	0.651	0.614
9541	95.40	0.650	0.734	0.830	0.901	0.913	0.843	0.678	0.423	0.103	-0.242
9551	95.50	-0.566	-0.822	-0.978	-1.024	-0.973	-0.857	-0.715	-0.582	-0.482	-0.421
9561	95.60	-0.393	-0.383	-0.376	-0.360	-0.330	-0.282	-0.221	-0.151	-0.083	-0.026
9571	95.70	0.012	0.032	0.046	0.073	0.132	0.232	0.359	0.479	0.542	0.505
9581	95.80	0.346	0.082	-0.237	-0.535	-0.743	-0.816	-0.749	-0.575	-0.349	-0.127
9591	95.90	0.050	0.163	0.212	0.203	0.140	0.024	-0.144	-0.352	-0.572	-0.767
9601	96.00	-0.898	-0.945	-0.908	-0.816	-0.703	-0.603	-0.527	-0.466	-0.396	-0.301
9611	96.10	-0.179	-0.057	0.029	0.042	-0.032	-0.176	-0.348	-0.495	-0.575	-0.569
9621	96.20	-0.488	-0.360	-0.218	-0.087	0.022	0.111	0.182	0.232	0.251	0.231
9631	96.30	0.170	0.077	-0.025	-0.113	-0.177	-0.219	-0.259	-0.315	-0.394	-0.479
9641	96.40	-0.532	-0.514	-0.403	-0.220	-0.024	0.103	0.085	-0.105	-0.433	-0.804
9651	96.50	-1.096	-1.206	-1.087	-0.772	-0.358	0.032	0.296	0.394	0.358	0.268
9661	96.60	0.216	0.261	0.399	0.570	0.690	0.688	0.545	0.306	0.060	-0.092
9671	96.70	-0.085	0.093	0.390	0.721	0.993	1.143	1.151	1.038	0.848	0.629
9681	96.80	0.418	0.232	0.073	-0.061	-0.179	-0.283	-0.379	-0.471	-0.559	-0.636
9691	96.90	-0.687	-0.692	-0.633	-0.511	-0.344	-0.175	-0.053	-0.016	-0.078	-0.223
9701	97.00	-0.409	-0.587	-0.716	-0.777	-0.770	-0.704	-0.588	-0.429	-0.231	-0.011
9711	97.10	0.196	0.338	0.367	0.259	0.035	-0.236	-0.456	-0.533	-0.417	-0.121
9721	97.20	0.278	0.673	0.967	1.107	1.100	0.998	0.873	0.776	0.722	0.685
9731	97.30	0.623	0.594	0.322	0.104	-0.106	-0.268	-0.364	-0.405	-0.417	-0.424
9741	97.40	-0.432	-0.430	-0.396	-0.315	-0.200	-0.087	-0.029	-0.067	-0.214	-0.440
9751	97.50	-0.682	-0.861	-0.916	-0.822	-0.603	-0.321	-0.049	0.148	0.243	0.246
9761	97.60	0.201	0.162	0.172	0.250	0.377	0.516	0.621	0.661	0.629	0.553
9771	97.70	0.476	0.445	0.493	0.624	0.817	1.034	1.236	1.394	1.496	1.544
9781	97.80	1.543	1.495	1.396	1.244	1.052	0.849	0.686	0.619	0.684	0.880
9791	97.90	1.162	1.447	1.643	1.679	1.534	1.237	0.861	0.488	0.182	-0.032
9801	98.00	-0.168	-0.263	-0.350	-0.444	-0.532	-0.586	-0.583	-0.521	-0.430	-0.357
9811	98.10	-0.345	-0.417	-0.558	-0.724	-0.860	-0.926	-0.911	-0.838	-0.753	-0.698
9821	98.20	-0.694	-0.729	-0.765	-0.756	-0.674	-0.519	-0.322	-0.137	-0.010	0.030
9831	98.30	-0.013	-0.110	-0.222	-0.317	-0.382	-0.421	-0.447	-0.468	-0.474	-0.442
9841	98.40	-0.344	-0.168	0.069	0.318	0.512	0.585	0.503	0.278	-0.031	-0.339
9851	98.50	-0.564	-0.659	-0.625	-0.511	-0.391	-0.331	-0.384	-0.482	-0.637	-0.776
9861	98.60	-0.860	-0.888	-0.894	-0.933	-1.050	-1.252	-1.506	-1.738	-1.869	-1.840
9871	98.70	-1.641	-1.317	-0.948	-0.626	-0.417	-0.342	-0.375	-0.455	-0.514	-0.506
9881	98.80	-0.423	-0.290	-0.156	-0.067	-0.044	-0.079	-0.133	-0.154	-0.099	0.051
9891	98.90	0.280	0.545	0.790	0.961	1.024	0.976	0.841	0.660	0.479	0.332
9901	99.00	0.233	0.179	0.149	0.126	0.097	0.067	0.053	0.075	0.143	0.252
9911	99.10	0.372	0.465	0.491	0.430	0.289	0.105	-0.069	-0.178	-0.185	-0.081
9921	99.20	0.109	0.343	0.570	0.753	0.867	0.909	0.890	0.823	0.722	0.599
9931	99.30	0.464	0.333	0.223	0.150	0.121	0.134	0.172	0.210	0.226	0.206

Table 7-17-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.513	0.293	-0.160	-0.839	-1.640	-2.355	-2.726	-2.547	-1.755	-0.687
11	0.10	0.947	2.165	2.857	2.900	2.407	1.668	1.026	0.723	0.806	1.122
21	0.20	1.405	1.417	1.070	0.469	-0.135	-0.470	-0.379	0.101	0.747	1.258
31	0.30	1.389	1.077	0.469	-0.144	-0.461	-0.318	0.227	0.917	1.411	1.445
41	0.40	0.971	0.186	-0.541	-0.847	-0.552	0.233	1.125	1.624	1.336	0.166
51	0.50	-1.605	-3.413	-4.631	-4.831	-3.969	-2.408	-0.765	0.362	0.653	0.199
61	0.60	-0.547	-0.995	-0.702	0.418	2.038	3.565	4.401	4.208	3.047	1.342
71	0.70	-0.320	-1.434	-1.772	-1.428	-0.718	0.004	0.514	0.782	0.929	1.093
81	0.80	1.319	1.515	1.513	1.195	0.593	-0.084	-0.533	-0.505	0.052	0.951
91	0.90	1.825	2.285	2.091	1.246	-0.011	-1.321	-2.354	-2.933	-3.063	-2.883
101	1.00	-2.569	-2.255	-1.998	-1.804	-1.661	-1.569	-1.518	-1.451	-1.243	-0.736
111	1.10	0.177	1.467	2.810	3.841	4.097	3.320	1.593	-0.633	-2.681	-3.900
121	1.20	-3.924	-2.827	-1.083	0.639	1.756	2.005	1.514	0.700	0.040	-0.151
131	1.30	0.153	0.726	1.242	1.456	1.311	0.934	0.525	0.224	0.044	-0.104
141	1.40	-0.302	-0.526	-0.614	-0.351	0.381	1.480	2.597	3.272	3.146	2.166
151	1.50	0.653	-0.819	-1.685	-1.669	-0.938	-0.030	0.407	-0.047	-1.369	-2.990
161	1.60	-4.227	-4.444	-3.472	-1.680	0.191	1.393	1.534	0.771	-0.279	-0.862
171	1.70	-0.486	0.816	2.483	3.694	3.774	2.532	0.375	-1.875	-3.343	-3.497
181	1.80	-2.363	-0.485	1.347	2.453	2.541	1.778	0.654	-0.287	-0.696	-0.541
191	1.90	-0.061	0.398	0.571	0.384	-0.041	-0.485	-0.757	-0.777	-0.598	-0.352
201	2.00	-0.180	-0.175	-0.355	-0.670	-1.022	-1.283	-1.315	-1.007	-0.324	0.640
211	2.10	1.646	2.351	2.426	1.698	0.269	-1.476	-2.981	-3.736	-3.491	-2.378
221	2.20	-0.864	0.444	1.070	0.879	0.128	-0.665	-0.975	-0.525	0.585	1.933
231	2.30	2.981	3.330	2.892	1.911	0.817	0.010	-0.321	-0.252	-0.049	0.011
241	2.40	-0.210	-0.645	-1.081	-1.301	-1.214	-0.912	-0.619	-0.555	-0.804	-1.256
251	2.50	-1.647	-1.688	-1.214	-0.266	0.917	1.999	2.685	2.826	2.455	1.736
261	2.60	0.872	0.025	-0.715	-1.318	-1.755	-1.969	-1.878	-1.425	-0.639	0.331
271	2.70	1.246	1.851	1.986	1.656	1.041	0.417	0.040	0.026	0.307	0.660
281	2.80	0.829	0.648	0.140	-0.486	-0.930	-0.947	-0.480	0.283	0.973	1.182
291	2.90	0.654	-0.598	-2.261	-3.837	-4.824	-4.910	-4.088	-2.648	-1.053	0.254
301	3.00	1.018	1.253	1.201	1.201	1.517	2.213	3.117	3.890	4.172	3.730
311	3.10	2.566	0.930	-0.759	-2.056	-2.637	-2.417	-1.571	-0.485	0.386	0.669
321	3.20	0.215	-0.841	-2.118	-3.124	-3.435	-2.862	-1.533	0.150	1.656	2.534
331	3.30	2.589	1.948	0.995	0.199	-0.095	0.197	0.876	1.575	1.938	1.789
341	3.40	1.199	0.428	-0.209	-0.511	-0.470	-0.258	-0.120	-0.235	-0.627	-1.162
351	3.50	-1.632	-1.862	-1.795	-1.499	-1.109	-0.737	-0.414	-0.090	0.308	0.810
361	3.60	1.357	1.827	2.097	2.115	1.926	1.649	1.400	1.222	1.068	0.839
371	3.70	0.463	-0.042	-0.562	-0.953	-1.133	-1.155	-1.189	-1.428	-1.955	-2.648
381	3.80	-3.192	-3.215	-2.472	-1.008	0.816	2.447	3.369	3.334	2.468	1.215
391	3.90	0.127	-0.593	-0.262	0.270	0.772	0.867	0.418	-0.404	-1.232	-1.693
401	4.00	-1.602	-1.046	-0.320	0.237	0.413	0.222	-0.135	-0.399	-0.408	-0.185
411	4.10	0.092	0.204	0.038	-0.336	-0.682	-0.724	-0.298	0.547	1.549	2.348
421	4.20	2.643	2.329	1.536	0.563	-0.270	-0.758	-0.893	-0.830	-0.789	-0.916
431	4.30	-1.205	-1.494	-1.548	-1.187	-0.387	0.683	1.721	2.406	2.528	2.067
441	4.40	1.202	0.226	-0.567	-0.990	-1.022	-0.782	-0.462	-0.228	-0.156	-0.215
451	4.50	-0.309	-0.342	-0.276	-0.144	-0.019	0.042	0.045	0.068	0.213	0.541
461	4.60	1.010	1.468	1.705	1.555	0.984	0.128	-0.748	-1.368	-1.561	-1.350
471	4.70	-0.936	-0.602	-0.568	-0.876	-1.359	-1.717	-1.663	-1.067	-0.031	1.145
481	4.80	2.087	2.503	2.303	1.618	0.722	-0.091	-0.631	-0.857	-0.861	-0.777
491	4.90	-0.706	-0.678	-0.667	-0.645	-0.625	-0.662	-0.807	-1.042	-1.251	-1.251

Table 7-17-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.879	-0.104	0.915	1.854	2.354	2.182	1.367	0.216	-0.795	-1.233
511	5.10	-0.903	0.039	1.145	1.862	1.787	0.854	-0.627	-2.097	-3.000	-3.023
521	5.20	-2.237	-1.046	0.003	0.478	0.258	-0.429	-1.125	-1.368	-0.911	0.172
531	5.30	1.533	2.723	3.400	3.459	3.041	2.417	1.819	1.319	0.816	0.136
541	5.40	-0.814	-1.933	-2.923	-3.411	-3.136	-2.102	-0.624	0.789	1.643	1.670
551	5.50	0.947	-0.153	-1.135	-1.607	-1.449	-0.832	-0.107	0.396	0.528	0.387
561	5.60	0.235	0.335	0.794	1.488	2.118	2.358	2.020	1.147	-0.007	-1.101
571	5.70	-1.859	-2.179	-2.149	-1.962	-1.795	-1.717	-1.666	-1.510	-1.148	-0.583
581	5.80	0.059	0.592	0.865	0.835	0.591	0.305	0.155	0.241	0.560	1.022
591	5.90	1.510	1.921	2.195	2.298	2.196	1.844	1.210	0.313	-0.732	-1.726
601	6.00	-2.434	-2.679	-2.423	-1.803	-1.080	-0.535	-0.345	-0.506	-0.834	-1.057
611	6.10	-0.949	-0.439	0.347	1.134	1.627	1.634	1.159	0.393	-0.364	-0.833
621	6.20	-0.868	-0.504	0.063	0.580	0.835	0.752	0.409	0.003	-0.243	-0.165
631	6.30	0.275	0.974	1.734	2.331	2.602	2.492	2.073	1.507	0.983	0.648
641	6.40	0.557	0.657	0.816	0.874	0.708	0.279	-0.350	-1.038	-1.613	-1.932
651	6.50	-1.928	-1.638	-1.189	-0.754	-0.486	-0.465	-0.660	-0.941	-1.129	-1.070
661	6.60	-0.715	-0.150	0.421	0.755	0.679	0.177	-0.584	-1.309	-1.693	-1.565
671	6.70	-0.966	-0.148	0.535	0.788	0.517	-0.124	-0.801	-1.144	-1.017	-0.423
681	6.80	0.323	0.842	0.860	0.358	-0.412	-1.046	-1.192	-0.736	0.131	0.997
691	6.90	1.429	1.190	0.361	-0.681	-1.449	-1.572	-0.974	0.085	1.135	1.717
701	7.00	1.587	0.825	-0.217	-1.084	-1.422	-1.125	-0.356	0.549	1.235	1.473
711	7.10	1.230	0.643	-0.070	-0.705	-1.141	-1.347	-1.354	-1.217	-0.990	-0.717
721	7.20	-0.445	-0.224	-0.085	-0.025	0.014	0.126	0.400	0.868	1.466	2.049
731	7.30	2.440	2.510	2.237	1.724	1.151	0.696	0.452	0.389	0.374	0.251
741	7.40	-0.077	-0.582	-1.113	-1.458	-1.435	-0.985	-0.205	0.669	1.355	1.623
751	7.50	1.388	0.737	-0.098	-0.830	-1.227	-1.198	-0.823	-0.321	0.046	0.088
761	7.60	-0.230	-0.763	-1.242	-1.395	-1.067	-0.310	0.626	1.383	1.645	1.279
771	7.70	0.397	-0.686	-1.576	-1.976	-1.804	-1.218	-0.533	-0.064	0.017	-0.245
781	7.80	-0.621	-0.827	-0.671	-0.151	0.542	1.118	1.332	1.104	0.552	-0.060
791	7.90	-0.446	-0.424	0.014	0.715	1.439	1.963	2.160	2.022	1.630	1.101
801	8.00	0.539	0.017	-0.415	-0.719	-0.866	-0.848	-0.704	-0.527	-0.435	-0.525
811	8.10	-0.811	-1.202	-1.524	-1.592	-1.302	-0.696	0.044	0.657	0.923	0.757
821	8.20	0.254	-0.345	-0.762	-0.799	-0.421	0.230	0.903	1.352	1.432	1.153
831	8.30	0.657	0.144	-0.225	-0.389	-0.399	-0.376	-0.440	-0.647	-0.958	-1.264
841	8.40	-1.435	-1.384	-1.110	-0.700	-0.295	-0.029	0.030	-0.087	-0.259	-0.322
851	8.50	-0.142	0.324	0.988	1.655	2.088	2.094	1.625	0.799	-0.125	-0.838
861	8.60	-1.103	-0.846	-0.195	0.573	1.144	1.298	0.985	0.354	-0.343	-0.857
871	8.70	-1.055	-0.964	-0.736	-0.550	-0.511	-0.584	-0.622	-0.445	0.045	0.799
881	8.80	1.619	2.243	2.464	2.220	1.630	0.929	0.356	0.052	-0.001	0.049
891	8.90	0.018	-0.216	-0.647	-1.150	-1.551	-1.726	-1.663	-1.467	-1.300	-1.288
901	9.00	-1.445	-1.672	-1.796	-1.659	-1.205	-0.505	0.264	0.900	1.260	1.313
911	9.10	1.135	0.870	0.655	0.565	0.596	0.681	0.731	0.677	0.498	0.219
921	9.20	-0.099	-0.385	-0.574	-0.625	-0.526	-0.297	0.008	0.305	0.515	0.574
931	9.30	0.661	0.208	-0.114	-0.417	-0.634	-0.733	-0.720	-0.620	-0.455	-0.232
941	9.40	0.050	0.387	0.745	1.066	1.285	1.367	1.333	1.251	1.207	1.241
951	9.50	1.317	1.314	1.088	0.553	-0.247	-1.123	-1.792	-2.000	-1.634	-0.796
961	9.60	0.227	1.072	1.450	1.268	0.660	-0.077	-0.630	-0.801	-0.594	-0.187
971	9.70	0.167	0.272	0.076	-0.316	-0.710	-0.932	-0.916	-0.726	-0.507	-0.397
981	9.80	-0.449	-0.599	-0.712	-0.655	-0.380	0.047	0.470	0.724	0.707	0.437
991	9.90	0.040	-0.304	-0.439	-0.300	0.068	0.532	0.922	1.093	0.970	0.565

Table 7-17-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.030	-0.681	-1.243	-1.603	-1.709	-1.581	-1.305	-0.994	-0.750	-0.616
1011	10.10	-0.561	-0.490	-0.293	0.092	0.638	1.221	1.666	1.826	1.652	1.223
1021	10.20	0.715	0.322	0.164	0.229	0.382	0.436	0.254	-0.173	-0.709	-1.137
1031	10.30	-1.265	-1.021	-0.499	0.085	0.497	0.594	0.399	0.087	-0.106	0.002
1041	10.40	0.444	1.081	1.664	1.945	1.787	1.219	0.423	-0.354	-0.896	-1.099
1051	10.50	-0.992	-0.706	-0.403	-0.216	-0.209	-0.377	-0.665	-0.996	-1.287	-1.464
1061	10.60	-1.464	-1.251	-0.832	-0.278	0.289	0.723	0.908	0.809	0.491	0.095
1071	10.70	-0.223	-0.365	-0.330	-0.215	-0.149	-0.220	-0.411	-0.607	-0.649	-0.429
1081	10.80	0.037	0.596	1.016	1.101	0.788	0.194	-0.430	-0.816	-0.805	-0.418
1091	10.90	0.153	0.653	0.895	0.857	0.691	0.634	0.864	1.385	1.997	2.372
1101	11.00	2.216	1.413	0.113	-1.319	-2.436	-2.901	-2.614	-1.744	-0.650	0.282
1111	11.10	0.784	0.797	0.455	-0.008	-0.370	-0.514	-0.450	-0.277	-0.119	-0.061
1121	11.20	-0.126	-0.285	-0.486	-0.678	-0.820	-0.874	-0.802	-0.575	-0.194	0.285
1131	11.30	0.751	1.066	1.117	0.873	0.405	-0.130	-0.548	-0.712	-0.583	-0.230
1141	11.40	0.206	0.581	0.794	0.818	0.684	0.447	0.153	-0.179	-0.497	-0.779
1151	11.50	-0.935	-0.869	-0.515	0.114	0.903	1.647	2.123	2.163	1.728	0.931
1161	11.60	0.002	-0.784	-1.203	-1.155	-0.701	-0.035	0.573	0.873	0.716	0.111
1171	11.70	-0.770	-1.640	-2.193	-2.215	-1.668	-0.726	0.288	1.017	1.221	0.883
1181	11.80	0.229	-0.368	-0.555	-0.168	0.668	1.585	2.130	1.979	1.102	-0.202
1191	11.90	-1.422	-2.068	-1.892	-1.006	0.165	1.085	1.351	0.879	-0.064	-0.998
1201	12.00	-1.457	-1.207	-0.341	0.779	1.706	2.108	1.907	1.273	0.513	-0.090
1211	12.10	-0.406	-0.478	-0.452	-0.460	-0.534	-0.587	-0.489	-0.160	0.355	0.887
1221	12.20	1.224	1.216	0.859	0.298	-0.242	-0.568	-0.615	-0.459	-0.270	-0.207
1231	12.30	-0.329	-0.565	-0.754	-0.738	-0.456	0.023	0.529	0.873	0.942	0.747
1241	12.40	0.410	0.093	-0.088	-0.116	-0.078	-0.104	-0.285	-0.615	-0.984	-1.226
1251	12.50	-1.202	-0.882	-0.364	0.157	0.474	0.462	0.143	-0.321	-0.693	-0.760
1261	12.60	-0.433	0.213	0.963	1.550	1.765	1.539	0.973	0.287	-0.272	-0.534
1271	12.70	-0.468	-0.184	0.129	0.301	0.258	0.053	-0.174	-0.268	-0.169	0.143
1281	12.80	0.462	0.620	0.479	0.020	-0.645	-1.313	-1.770	-1.875	-1.605	-1.058
1291	12.90	-0.404	0.177	0.556	0.680	0.569	0.291	-0.065	-0.420	-0.712	-0.905
1301	13.00	-0.988	-0.970	-0.879	-0.744	-0.588	-0.410	-0.195	0.078	0.404	0.741
1311	13.10	1.003	1.096	0.956	0.590	0.087	-0.407	-0.752	-0.874	-0.805	-0.663
1321	13.20	-0.596	-0.703	-0.976	-1.296	-1.486	-1.394	-0.976	-0.319	0.391	0.950
1331	13.30	1.228	1.218	1.027	0.811	0.694	0.703	0.765	0.754	0.573	0.217
1341	13.40	-0.210	-0.532	-0.582	-0.284	0.303	0.999	1.568	1.814	1.652	1.143
1351	13.50	0.468	-0.142	-0.492	-0.495	-0.202	0.224	0.568	0.649	0.390	-0.155
1361	13.60	-0.815	-1.369	-1.626	-1.499	-1.035	-0.391	0.223	0.629	0.738	0.570
1371	13.70	0.234	-0.131	-0.408	-0.539	-0.517	-0.370	-0.133	0.159	0.463	0.709
1381	13.80	0.802	0.654	0.236	-0.368	-0.958	-1.264	-1.054	-0.251	0.996	2.335
1391	13.90	3.528	3.621	3.101	1.960	0.626	-0.403	-0.769	-0.398	0.466	1.375
1401	14.00	1.867	1.669	0.805	-0.423	-1.563	-2.207	-2.155	-1.479	-0.479	0.446
1411	14.10	0.959	0.906	0.362	-0.423	-1.123	-1.465	-1.326	-0.770	-0.015	0.645
1421	14.20	0.954	0.784	0.183	-0.636	-1.378	-1.774	-1.697	-1.207	-0.543	-0.016
1431	14.30	0.112	-0.251	-0.983	-1.794	-2.344	-2.388	-1.871	-0.952	0.077	0.918
1441	14.40	1.390	1.487	1.352	1.187	1.141	1.235	1.369	1.377	1.126	0.591
1451	14.50	-0.134	-0.873	-1.448	-1.747	-1.757	-1.544	-1.202	-0.805	-0.382	0.068
1461	14.60	0.543	1.002	1.367	1.544	1.474	1.165	0.710	0.251	-0.070	-0.169
1471	14.70	-0.054	0.183	0.399	0.462	0.297	-0.090	-0.612	-1.139	-1.539	-1.721
1481	14.80	-1.659	-1.398	-1.034	-0.679	-0.430	-0.333	-0.371	-0.475	-0.549	-0.506
1491	14.90	-0.304	0.040	0.456	0.844	1.112	1.201	1.104	0.864	0.564	0.289

Table 7-17-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	0.140	0.184	0.453	0.929	1.535	2.145	2.606	2.781	2.595	2.072
1511	15.10	1.330	0.549	-0.093	-0.490	-0.644	-0.652	-0.650	-0.741	-0.937	-1.144
1521	15.20	-1.217	-1.038	-0.587	0.028	0.604	0.939	0.919	0.581	0.097	-0.304
1531	15.30	-0.444	-0.282	0.063	0.376	0.441	0.156	-0.419	-1.094	-1.631	-1.866
1541	15.40	-1.785	-1.527	-1.317	-1.353	-1.704	-2.275	-2.841	-3.156	-3.058	-2.552
1551	15.50	-1.802	-1.057	-0.539	-0.340	-0.387	-0.476	-0.381	0.042	0.771	1.622
1561	15.60	2.316	2.600	2.356	1.653	0.729	-0.102	-0.566	-0.527	-0.023	0.761
1571	15.70	1.579	2.217	2.560	2.609	2.445	2.176	1.878	1.581	1.276	0.955
1581	15.80	0.634	0.363	0.205	0.188	0.285	0.401	0.408	0.205	-0.236	-0.843
1591	15.90	-1.462	-1.914	-2.063	-1.873	-1.416	-0.847	-0.338	-0.012	0.092	0.030
1601	16.00	-0.094	-0.177	-0.172	-0.105	-0.067	-0.161	-0.451	-0.919	-1.458	-1.896
1611	16.10	-2.057	-1.818	-1.159	-0.169	0.976	2.069	2.936	3.478	3.689	3.638
1621	16.20	3.427	3.150	2.861	2.571	2.265	1.920	1.530	1.099	0.641	0.164
1631	16.30	-0.332	-0.844	-1.346	-1.777	-2.055	-2.098	-1.873	-1.425	-0.875	-0.387
1641	16.40	-0.103	-0.080	-0.265	-0.512	-0.651	-0.562	-0.233	0.231	0.662	0.899
1651	16.50	0.861	0.568	0.119	-0.374	-0.841	-1.288	-1.765	-2.316	-2.916	-3.453
1661	16.60	-3.759	-3.680	-3.152	-2.241	-1.120	-0.010	0.911	1.563	1.968	2.208
1671	16.70	2.356	2.427	2.377	2.133	1.660	0.994	0.243	-0.456	-0.999	-1.348
1681	16.80	-1.528	-1.583	-1.519	-1.278	-0.767	0.073	1.183	2.359	3.287	3.658
1691	16.90	3.301	2.278	0.887	-0.447	-1.337	-1.589	-1.281	-0.714	-0.271	-0.239
1701	17.00	-0.680	-1.414	-2.107	-2.436	-2.237	-1.579	-0.729	-0.029	0.250	0.613
1711	17.10	-0.634	-1.450	-2.167	-2.596	-2.678	-2.469	-2.088	-1.645	-1.205	-0.791
1721	17.20	-0.414	-0.104	0.078	0.067	-0.167	-0.575	-1.027	-1.340	-1.345	-0.951
1731	17.30	-0.192	0.781	1.739	2.456	2.774	2.650	2.162	1.473	0.778	0.242
1741	17.40	-0.042	-0.064	0.111	0.385	0.664	0.893	1.065	1.215	1.385	1.593
1751	17.50	1.811	1.972	1.999	1.853	1.562	1.230	0.994	0.960	1.133	1.391
1761	17.60	1.510	1.253	0.483	-0.749	-2.184	-3.434	-4.122	-4.060	-3.247	-2.065
1771	17.70	-0.954	-0.333	-0.396	-1.036	-1.881	-2.463	-2.413	-1.620	-0.283	1.189
1781	17.80	2.347	2.894	2.795	2.265	1.649	1.258	1.229	1.488	1.817	1.976
1791	17.90	1.831	1.407	0.852	0.342	-0.023	-0.271	-0.530	-0.937	-1.541	-2.249
1801	18.00	-2.860	-3.152	-2.997	-2.425	-1.611	-0.798	-0.179	0.179	0.345	0.458
1811	18.10	0.631	0.879	1.110	1.193	1.052	0.737	0.420	0.319	0.578	1.173
1821	18.20	1.906	2.483	2.661	2.371	1.771	1.177	0.922	1.189	1.920	2.833
1831	18.30	3.548	3.753	3.348	2.477	1.459	0.647	0.281	0.407	0.889	1.485
1841	18.40	1.958	2.151	2.004	1.533	0.784	-0.182	-1.283	-2.389	-3.316	-3.861
1851	18.50	-3.884	-3.381	-2.530	-1.645	-1.063	-1.004	-1.460	-2.188	-2.807	-2.968
1861	18.60	-2.506	-1.526	-0.352	0.609	1.055	0.909	0.350	-0.283	-0.637	-0.501
1871	18.70	0.125	1.049	1.985	2.671	2.954	2.812	2.321	1.599	0.768	-0.059
1881	18.80	-0.765	-1.223	-1.322	-1.010	-0.349	0.472	1.179	1.511	1.334	0.714
1891	18.90	-0.103	-0.783	-1.057	-0.848	-0.312	0.220	0.397	0.009	-0.909	-2.086
1901	19.00	-3.131	-3.701	-3.645	-3.062	-2.247	-1.552	-1.243	-1.601	-1.917	-2.572
1911	19.10	-3.143	-3.494	-3.600	-3.512	-3.293	-2.962	-2.499	-1.884	-1.157	-0.449
1921	19.20	0.047	0.151	-0.203	-0.911	-1.715	-2.291	-2.384	-1.909	-0.992	0.096
1931	19.30	1.062	1.720	2.064	2.242	2.457	2.833	3.330	3.746	3.812	3.335
1941	19.40	2.313	0.964	-0.347	-1.261	-1.569	-1.298	-0.676	-0.013	0.455	0.669
1951	19.50	0.754	0.927	1.347	1.993	2.643	2.957	2.637	1.589	-0.006	-1.736
1961	19.60	-3.117	-3.782	-3.623	-2.824	-1.760	-0.832	-0.299	-0.190	-0.338	-0.491
1971	19.70	-0.459	-0.207	0.141	0.387	0.386	0.134	-0.211	-0.402	-0.221	0.404
1981	19.80	1.386	2.417	3.278	3.761	3.828	3.594	3.237	2.904	2.627	2.321
1991	19.90	1.847	1.103	0.113	-0.953	-1.829	-2.252	-2.070	-1.311	-0.174	1.032

Table 7-17-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	1.998	2.509	2.496	2.040	1.318	0.540	-0.118	-0.549	-0.729	-0.705
2011	20.10	-0.575	-0.462	-0.482	-0.714	-1.171	-1.783	-2.399	-2.827	-2.887	-2.476
2021	20.20	-1.612	-0.445	0.788	1.833	2.495	2.693	2.465	1.926	1.212	0.422
2031	20.30	-0.399	-1.235	-2.058	-2.781	-3.251	-3.291	-2.773	-1.689	-0.192	1.437
2041	20.40	2.874	3.862	4.298	4.266	3.983	3.697	3.572	3.621	3.709	3.630
2051	20.50	3.225	2.473	1.524	0.647	0.118	0.102	0.581	1.355	2.126	2.617
2061	20.60	2.677	2.320	1.689	0.975	0.314	-0.259	-0.805	-1.405	-2.084	-2.748
2071	20.70	-3.203	-3.222	-2.659	-1.529	-0.047	1.425	2.486	2.816	2.275	0.930
2081	20.80	-0.968	-3.072	-5.020	-6.514	-7.360	-7.485	-6.938	-5.873	-4.539	-3.237
2091	20.90	-2.263	-1.837	-2.029	-2.733	-3.678	-4.511	-4.910	-4.689	-3.856	-2.598
2101	21.00	-1.202	0.060	1.019	1.656	2.064	2.376	2.673	2.941	3.071	2.924
2111	21.10	2.415	1.573	0.556	-0.392	-1.029	-1.194	-0.868	-0.167	0.704	1.524
2121	21.20	2.129	2.449	2.503	2.367	2.124	1.835	1.521	1.183	0.826	0.491
2131	21.30	0.249	0.188	0.367	0.778	1.324	1.830	2.095	1.957	1.360	0.391
2141	21.40	-0.740	-1.760	-2.422	-2.593	-2.300	-1.721	-1.120	-0.751	-0.770	-1.177
2151	21.50	-1.818	-2.441	-2.772	-2.611	-1.889	-0.696	0.742	2.116	3.112	3.490
2161	21.60	3.150	2.166	0.770	-0.710	-1.942	-2.699	-2.919	-2.720	-2.323	-1.945
2171	21.70	-1.681	-1.447	-1.020	-0.159	1.235	3.013	4.765	5.958	6.149	5.200
2181	21.80	3.383	1.316	-0.259	-0.775	-0.084	1.474	3.194	4.296	4.251	2.996
2191	21.90	0.951	-1.164	-2.638	-3.059	-2.462	-1.276	-0.114	0.502	0.356	-0.408
2201	22.00	-1.379	-2.088	-2.209	-1.674	-0.672	0.472	1.436	2.024	2.197	2.039
2211	22.10	1.673	1.196	0.646	0.019	-0.689	-1.459	-2.235	-2.956	-3.576	-4.081
2221	22.20	-4.482	-4.781	-4.950	-4.926	-4.627	-4.005	-3.069	-1.899	-0.631	0.583
2231	22.30	1.607	2.345	2.738	2.755	2.385	1.649	0.616	-0.580	-1.746	-2.673
2241	22.40	-3.190	-3.218	-2.794	-2.041	-1.106	-0.098	0.957	2.097	3.366	4.746
2251	22.50	6.111	7.241	7.898	7.916	7.283	6.146	4.759	3.376	2.157	1.123
2261	22.60	0.195	-0.723	-1.638	-2.425	-2.850	-2.674	-1.778	-0.254	1.596	3.346
2271	22.70	4.594	5.108	4.898	4.192	3.327	2.598	2.139	1.878	1.587	0.995
2281	22.80	-0.087	-1.672	-3.587	-5.524	-7.136	-8.143	-8.400	-7.914	-6.819	-5.325
2291	22.90	-3.659	-2.028	-0.589	0.553	1.344	1.779	1.893	1.751	1.434	1.022
2301	23.00	0.567	0.088	-0.437	-1.052	-1.792	-2.649	-3.547	-4.336	-4.810	-4.765
2311	23.10	-4.063	-2.693	-0.812	1.264	3.127	4.372	4.709	4.056	2.562	0.580
2321	23.20	-1.440	-3.070	-4.027	-4.238	-3.836	-3.102	-2.354	-1.845	-1.694	-1.866
2331	23.30	-2.208	-2.523	-2.641	-2.477	-2.046	-1.444	-0.803	-0.244	0.158	0.387
2341	23.40	0.469	0.456	0.398	0.339	0.320	0.384	0.581	0.955	1.516	2.216
2351	23.50	2.937	3.520	3.811	3.733	3.331	2.775	2.307	2.145	2.393	2.988
2361	23.60	3.728	4.364	4.723	4.793	4.735	4.795	5.164	5.848	6.622	7.098
2371	23.70	6.895	5.822	3.993	1.811	-0.186	-1.540	-2.060	-1.884	-1.381	-0.953
2381	23.80	-0.819	-0.915	-0.942	-0.553	0.416	1.790	3.073	3.626	2.943	0.893
2391	23.90	-2.186	-5.584	-8.465	-10.162	-10.374	-9.227	-7.152	-4.694	-2.319	-0.314
2401	24.00	1.206	2.225	2.744	2.756	2.280	1.418	0.376	-0.583	-1.240	-1.534
2411	24.10	-1.608	-1.750	-2.244	-3.198	-4.444	-5.567	-6.073	-5.613	-4.168	-2.090
2421	24.20	0.021	1.556	2.138	1.768	0.795	-0.264	-0.957	-1.085	-0.747	-0.249
2431	24.30	0.083	0.073	-0.232	-0.613	-0.814	-0.690	-0.283	0.211	0.546	0.556
2441	24.40	0.221	-0.346	-0.979	-1.546	-1.994	-2.314	-2.470	-2.333	-1.693	-0.349
2451	24.50	1.745	4.372	7.047	9.144	10.121	9.734	8.148	5.874	3.564	1.744
2461	24.60	0.614	0.013	-0.443	-1.120	-2.141	-3.294	-4.126	-4.164	-3.166	-1.270
2471	24.70	1.039	3.122	4.443	4.783	4.292	3.378	2.488	1.898	1.606	1.378
2481	24.80	0.907	-0.005	-1.337	-2.864	-4.270	-5.302	-5.868	-6.042	-5.963	-5.719
2491	24.90	-5.263	-4.435	-3.075	-1.163	1.078	3.204	4.679	5.079	4.268	2.478

Table 7-17-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.239	-1.805	-3.129	-3.503	-3.061	-2.217	-1.485	-1.268	-1.693	-2.574
2511	25.10	-3.483	-3.929	-3.558	-2.304	-0.432	1.535	3.002	3.514	2.932	1.495
2521	25.20	-0.253	-1.654	-2.171	-1.588	-0.091	1.809	3.456	4.299	4.074	2.885
2531	25.30	1.139	-0.621	-1.916	-2.470	-2.263	-1.472	-0.368	0.802	1.873	2.765
2541	25.40	3.445	3.878	4.010	3.786	3.190	2.277	1.173	0.052	-0.917	-1.615
2551	25.50	-1.985	-2.036	-1.815	-1.392	-0.858	-0.315	0.121	0.352	0.332	0.102
2561	25.60	-0.211	-0.428	-0.397	-0.072	0.447	0.932	1.117	0.812	0.005	-1.125
2571	25.70	-2.244	-3.009	-3.196	-2.788	-1.987	-1.123	-0.520	-0.366	-0.633	-1.089
2581	25.80	-1.388	-1.196	-0.328	1.178	3.045	4.831	6.051	6.323	5.495	3.703
2591	25.90	1.345	-1.025	-2.864	-3.805	-3.756	-2.911	-1.647	-0.361	0.686	1.456
2601	26.00	2.109	2.879	3.917	5.179	6.403	7.209	7.262	6.416	4.781	2.681
2611	26.10	0.515	-1.389	-2.872	-3.942	-4.693	-5.195	-5.423	-5.267	-4.616	-3.462
2621	26.20	-1.958	-0.399	0.885	1.647	1.810	1.469	0.803	-0.028	-0.963	-2.030
2631	26.30	-3.266	-4.609	-5.845	-6.646	-6.707	-5.904	-4.399	-2.619	-1.098	-0.267
2641	26.40	-0.261	-0.871	-1.665	-2.102	-1.959	-1.253	-0.301	0.482	0.813	0.698
2651	26.50	0.447	0.518	1.278	2.795	4.758	6.582	7.634	7.497	6.134	3.902
2661	26.60	1.395	-0.782	-2.230	-2.851	-2.808	-2.385	-1.818	-1.191	-0.437	0.566
2671	26.70	1.875	3.380	4.807	5.797	6.038	5.393	3.957	2.027	0.002	-1.736
2681	26.80	-2.926	-3.477	-3.450	-3.006	-2.344	-1.645	-1.049	-0.651	-0.499	-0.597
2691	26.90	-0.902	-1.322	-1.730	-1.990	-1.987	-1.665	-1.042	-0.202	0.722	1.588
2701	27.00	2.267	2.665	2.729	2.451	1.861	1.036	0.097	-0.803	-1.509	-1.905
2711	27.10	-1.959	-1.746	-1.432	-1.227	-1.303	-1.726	-2.414	-3.158	-3.693	-3.794
2721	27.20	-3.368	-2.486	-1.357	-0.240	0.655	1.243	1.576	1.791	2.019	2.296
2731	27.30	2.530	2.535	2.124	1.214	-0.112	-1.605	-2.936	-3.810	-4.073	-3.759
2741	27.40	-3.051	-2.190	-1.372	-0.682	-0.094	0.465	1.040	1.587	1.988	2.105
2751	27.50	1.869	1.335	0.672	0.100	-0.211	-0.219	-0.022	0.202	0.289	0.185
2761	27.60	-0.030	-0.187	-0.127	0.211	0.745	1.293	1.665	1.772	1.668	1.521
2771	27.70	1.519	1.763	2.203	2.669	2.963	2.977	2.758	2.488	2.376	2.528
2781	27.80	2.863	3.135	3.048	2.433	1.364	0.171	-0.689	-0.837	-0.164	1.088
2791	27.90	2.401	3.198	3.078	1.997	0.276	-1.536	-2.899	-3.492	-3.318	-2.650
2801	28.00	-1.867	-1.258	-0.905	-0.690	-0.409	0.061	0.652	1.101	1.061	0.284
2811	28.10	-1.239	-3.229	-5.204	-6.658	-7.252	-6.939	-5.961	-4.731	-3.656	-2.973
2821	28.20	-2.684	-2.588	-2.413	-1.961	-1.204	-0.299	0.500	0.964	1.007	0.727
2831	28.30	0.367	0.202	0.415	1.009	1.804	2.518	2.889	2.796	2.312	1.680
2841	28.40	1.201	1.110	1.471	2.154	2.894	3.406	3.506	3.175	2.553	1.857
2851	28.50	1.268	0.856	0.558	0.236	-0.229	-0.850	-1.515	-2.024	-2.187	-1.920
2861	28.60	-1.293	-0.494	0.251	0.791	1.102	1.286	1.481	1.762	2.073	2.235
2871	28.70	2.039	1.380	0.352	-0.737	-1.463	-1.458	-0.575	1.024	2.905	4.514
2881	28.80	5.379	5.274	4.278	2.711	0.989	-0.541	-1.699	-2.475	-2.956	-3.220
2891	28.90	-3.268	-3.033	-2.448	-1.535	-0.460	0.493	1.014	0.891	0.100	-1.181
2901	29.00	-2.635	-3.930	-4.828	-5.245	-5.235	-4.927	-4.445	-3.861	-3.197	-2.460
2911	29.10	-1.683	-0.938	-0.316	0.117	0.354	0.446	0.467	0.466	0.439	0.338
2921	29.20	0.129	-0.159	-0.405	-0.434	-0.097	0.635	1.622	2.592	3.251	3.410
2931	29.30	3.085	2.485	1.917	1.622	1.653	1.838	1.866	1.460	0.539	-0.708
2941	29.40	-1.878	-2.527	-2.372	-1.431	-0.027	1.350	2.262	2.418	1.942	1.117
2951	29.50	0.323	-0.160	-0.266	-0.139	-0.030	-0.157	-0.594	-1.242	-1.895	-2.342
2961	29.60	-2.463	-2.273	-1.887	-1.459	-1.110	-0.892	-0.796	-0.783	-0.810	-0.843
2971	29.70	-0.847	-0.768	-0.550	-0.153	0.401	1.014	1.531	1.806	1.775	1.540
2981	29.80	1.203	1.091	1.348	1.982	2.814	3.537	3.836	3.529	2.643	1.409
2991	29.90	0.164	-0.779	-1.252	-1.271	-0.994	-0.625	-0.307	-0.070	0.161	0.490

Table 7-17-7

TABLE OF CORRECTED ACCELERATION RECORD

NO. 7

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	0.972	1.553	2.078	2.356	2.244	1.717	0.884	-0.049	-0.857	-1.379
3011	30.10	-1.565	-1.478	-1.254	-1.036	-0.917	-0.912	-0.968	-0.999	-0.937	-0.769
3021	30.20	-0.554	-0.405	-0.443	-0.747	-1.305	-1.998	-2.618	-2.930	-2.747	-2.004
3031	30.30	-0.795	0.666	2.014	3.027	3.517	3.473	3.027	2.386	1.739	1.191
3041	30.40	0.741	0.316	-0.159	-0.696	-1.216	-1.576	-1.642	-1.361	-0.809	-0.181
3051	30.50	0.281	0.375	0.021	-0.713	-1.637	-2.511	-3.129	-3.378	-3.259	-2.859
3061	30.60	-2.312	-1.752	-1.290	-1.001	-0.921	-1.051	-1.347	-1.720	-2.044	-2.188
3071	30.70	-2.056	-1.631	-0.986	-0.243	0.377	0.820	1.041	1.108	1.147	1.273
3081	30.80	1.538	1.904	2.266	2.496	2.510	2.293	1.908	1.458	1.047	0.752
3091	30.90	0.609	0.631	0.821	1.181	1.699	2.333	3.000	3.584	3.972	4.093
3101	31.00	3.942	3.578	3.096	2.581	2.078	1.590	1.105	0.627	0.199	-0.114
3111	31.10	-0.264	-0.265	-0.213	-0.255	-0.520	-1.051	-1.764	-2.470	-2.960	-3.103
3121	31.20	-2.914	-2.553	-2.248	-2.182	-2.401	-2.783	-3.101	-3.131	-2.763	-2.048
3131	31.30	-1.172	-0.352	0.261	0.641	0.867	1.042	1.208	1.300	1.184	0.748
3141	31.40	0.002	-0.875	-1.589	-1.849	-1.512	-0.669	0.375	1.222	1.549	1.249
3151	31.50	0.467	-0.468	-1.194	-1.469	-1.253	-0.697	-0.044	0.495	0.821	0.964
3161	31.60	1.024	1.093	1.201	1.303	1.335	1.264	1.124	0.997	0.958	1.018
3171	31.70	1.103	1.085	0.863	0.428	-0.102	-0.530	-0.665	-0.433	0.072	0.604
3181	31.80	0.861	0.612	-0.197	-1.415	-2.731	-3.789	-4.305	-4.159	-3.411	-2.259
3191	31.90	-0.964	0.227	1.131	1.652	1.770	1.531	1.032	0.410	-0.181	-0.595
3201	32.00	-0.732	-0.562	-0.135	0.442	1.052	1.608	2.078	2.475	2.821	3.106
3211	32.10	3.262	3.189	2.800	2.084	1.137	0.154	-0.641	-1.075	-1.099	-0.812
3221	32.20	-0.413	-0.120	-0.079	-0.310	-0.715	-1.139	-1.446	-1.582	-1.582	-1.527
3231	32.30	-1.485	-1.456	-1.374	-1.150	-0.741	-0.204	0.305	0.588	0.494	-0.001
3241	32.40	-0.775	-1.604	-2.264	-2.626	-2.709	-2.652	-2.619	-2.695	-2.821	-2.809
3251	32.50	-2.435	-1.570	-0.281	1.164	2.379	3.013	2.898	2.119	0.984	-0.108
3261	32.60	-0.824	-1.027	-0.797	-0.372	-0.013	0.117	0.016	-0.179	-0.282	-0.156
3271	32.70	0.218	0.748	1.278	1.678	1.890	1.943	1.911	1.860	1.810	1.737
3281	32.80	1.609	1.433	1.275	1.248	1.451	1.914	2.552	3.187	3.604	3.639
3291	32.90	3.242	2.508	1.634	0.848	0.325	0.131	0.214	0.436	0.639	0.698
3301	33.00	0.557	0.230	-0.221	-0.722	-1.209	-1.643	-2.003	-2.281	-2.470	-2.564
3311	33.10	-2.563	-2.480	-2.346	-2.201	-2.092	-2.051	-2.094	-2.205	-2.344	-2.453
3321	33.20	-2.470	-2.348	-2.064	-1.637	-1.121	-0.602	-0.183	0.047	0.032	-0.223
3331	33.30	-0.650	-1.127	-1.507	-1.659	-1.515	-1.091	-0.485	0.152	0.679	1.015
3341	33.40	1.174	1.255	1.393	1.690	2.157	2.693	3.119	3.256	3.009	2.417
3351	33.50	1.652	0.950	0.516	0.437	0.651	0.979	1.207	1.182	0.868	0.346
3361	33.60	-0.233	-0.724	-1.039	-1.162	-1.116	-0.924	-0.584	-0.085	0.555	1.245
3371	33.70	1.821	2.091	1.920	1.305	0.404	-0.521	-1.198	-1.467	-1.344	-0.998
3381	33.80	-0.664	-0.516	-0.583	-0.746	-0.816	-0.649	-0.237	0.277	0.680	0.805
3391	33.90	0.634	0.319	0.113	0.234	0.750	1.526	2.278	2.704	2.621	2.038
3401	34.00	1.143	0.202	-0.568	-1.079	-1.386	-1.615	-1.868	-2.161	-2.418	-2.529
3411	34.10	-2.431	-2.152	-1.803	-1.515	-1.362	-1.326	-1.317	-1.242	-1.077	-0.903
3421	34.20	-0.860	-1.060	-1.498	-2.020	-2.376	-2.344	-1.849	-1.030	-0.196	0.307
3431	34.30	0.267	-0.285	-1.074	-1.692	-1.788	-1.226	-0.155	1.062	2.000	2.361
3441	34.40	2.089	1.377	0.564	-0.025	-0.207	0.002	0.429	0.857	1.133	1.232
3451	34.50	1.242	1.301	1.505	1.857	2.269	2.610	2.780	2.755	2.592	2.389
3461	34.60	2.230	2.137	2.068	1.941	1.691	1.307	0.849	0.426	0.149	0.091
3471	34.70	0.263	0.619	1.079	1.563	2.002	2.337	2.511	2.466	2.149	1.548
3481	34.80	0.713	-0.231	-1.108	-1.745	-2.039	-1.996	-1.734	-1.429	-1.235	-1.213
3491	34.90	-1.305	-1.367	-1.257	-0.926	-0.463	-0.074	0.009	-0.352	-1.120	-2.069

Table 7-17-8

TABLE OF CORRECTED ACCELERATION RECORD

NO. 8

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-2.874	-3.247	-3.069	-2.450	-1.685	-1.119	-0.988	-1.314	-1.892	-2.389
3511	35.10	-2.502	-2.102	-1.290	-0.352	0.378	0.661	0.656	-0.076	-0.658	-1.023
3521	35.20	-1.021	-0.658	-0.064	0.589	1.165	1.600	1.896	2.071	2.128	2.040
3531	35.30	1.776	1.346	0.823	0.326	-0.027	-0.174	-0.146	-0.043	0.014	-0.045
3541	35.40	-0.198	-0.349	-0.385	-0.252	-0.006	0.206	0.210	-0.100	-0.695	-1.409
3551	35.50	-2.005	-2.276	-2.145	-1.691	-1.117	-0.651	-0.444	-0.513	-0.751	-0.986
3561	35.60	-1.075	-0.963	-0.695	-0.371	-0.086	0.118	0.263	0.398	0.556	0.716
3571	35.70	0.814	0.787	0.622	0.389	0.225	0.270	0.598	1.166	1.823	2.366
3581	35.80	2.637	2.592	2.330	2.045	1.935	2.105	2.516	2.992	3.301	3.251
3591	35.90	2.781	1.984	1.070	0.279	-0.215	-0.364	-0.256	-0.065	0.025	-0.106
3601	36.00	-0.473	-0.997	-1.543	-1.974	-2.201	-2.201	-2.008	-1.690	-1.520	-0.958
3611	36.10	-0.645	-0.411	-0.288	-0.309	-0.505	-0.892	-1.448	-2.104	-2.741	-3.210
3621	36.20	-3.368	-3.119	-2.456	-1.479	-0.377	0.609	1.259	1.436	1.135	0.485
3631	36.30	-0.297	-0.971	-1.357	-1.384	-1.095	-0.621	-0.108	0.332	0.657	0.889
3641	36.40	1.078	1.259	1.427	1.543	1.557	1.452	1.256	1.039	0.882	0.840
3651	36.50	0.915	1.066	1.232	1.371	1.481	1.594	1.746	1.943	2.137	2.242
3661	36.60	2.163	1.849	1.319	0.660	-0.003	-0.561	-0.954	-1.185	-1.301	-1.351
3671	36.70	-1.362	-1.328	-1.229	-1.056	-0.827	-0.582	-0.355	-0.149	0.073	0.367
3681	36.80	0.761	1.214	1.610	1.789	1.621	1.075	0.255	-0.622	-1.307	-1.617
3691	36.90	-1.513	-1.107	-0.610	-0.238	-0.116	-0.235	-0.478	-0.686	-0.745	-0.635
3701	37.00	-0.428	-0.247	-0.195	-0.310	-0.560	-0.868	-1.157	-1.377	-1.517	-1.577
3711	37.10	-1.553	-1.423	-1.167	-0.790	-0.345	0.077	0.383	0.520	0.507	0.426
3721	37.20	0.377	0.414	0.514	0.577	0.483	0.169	-0.322	-0.833	-1.162	-1.153
3731	37.30	-0.777	-0.165	0.448	0.815	0.786	0.368	-0.287	-0.958	-1.457	-1.695
3741	37.40	-1.704	-1.584	-1.437	-1.299	-1.132	-0.864	-0.445	0.096	0.655	1.091
3751	37.50	1.294	1.236	0.980	0.640	0.317	0.048	-0.202	-0.501	-0.884	-1.305
3761	37.60	-1.632	-1.702	-1.400	-0.735	0.140	0.973	1.510	1.598	1.248	0.632
3771	37.70	0.014	-0.363	-0.361	0.005	0.594	1.208	1.673	1.904	1.917	1.799
3781	37.80	1.659	1.574	1.563	1.596	1.611	1.546	1.363	1.059	0.657	0.209
3791	37.90	-0.223	-0.568	-0.762	-0.766	-0.579	-0.252	0.122	0.434	0.589	0.551
3801	38.00	0.355	0.101	-0.089	-0.116	0.052	0.364	0.706	0.953	1.019	0.899
3811	38.10	0.666	0.443	0.345	0.431	0.676	0.980	1.213	1.266	1.096	0.739
3821	38.20	0.292	-0.129	-0.436	-0.594	-0.625	-0.585	-0.527	-0.479	-0.435	-0.372
3831	38.30	-0.277	-0.170	-0.104	-0.166	-0.348	-0.711	-1.177	-1.641	-1.990	-2.137
3841	38.40	-2.053	-1.766	-1.338	-0.831	-0.291	0.260	0.802	1.291	1.640	1.739
3851	38.50	1.499	0.900	0.035	-0.898	-1.649	-2.003	-1.859	-1.276	-0.443	0.379
3861	38.60	0.978	1.255	1.251	1.099	0.937	0.830	0.736	0.543	0.155	-0.423
3871	38.70	-1.045	-1.460	-1.423	-0.816	0.266	1.526	2.566	3.041	2.802	1.948
3881	38.80	0.777	-0.352	-1.178	-1.630	-1.834	-2.006	-2.312	-2.758	-3.171	-3.287
3891	38.90	-2.895	-1.968	-0.708	0.523	1.349	1.550	1.150	0.402	-0.338	-0.776
3901	39.00	-0.807	-0.541	-0.230	-0.115	-0.303	-0.709	-1.104	-1.245	-1.002	-0.435
3911	39.10	0.233	0.716	0.803	0.450	-0.203	-0.911	-1.430	-1.621	-1.486	-1.133
3921	39.20	-0.697	-0.264	0.162	0.633	1.198	1.839	2.453	2.884	2.991	2.708
3931	39.30	2.082	1.250	0.382	-0.375	-0.938	-1.286	-1.432	-1.391	-1.170	-0.782
3941	39.40	-0.274	0.254	0.663	0.826	0.685	0.291	-0.206	-0.614	-0.785	-0.683
3951	39.50	-0.406	-0.131	-0.036	-0.202	-0.571	-0.966	-1.172	-1.034	-0.530	0.215
3961	39.60	0.981	1.542	1.748	1.576	1.120	0.540	0.002	-0.369	-0.515	-0.429
3971	39.70	-0.141	0.295	0.805	1.297	1.665	1.818	1.706	1.348	0.835	0.296
3981	39.80	-0.154	-0.460	-0.653	-0.820	-1.058	-1.404	-1.799	-2.103	-2.150	-1.826
3991	39.90	-1.125	-0.168	0.841	1.689	2.237	2.455	2.420	2.267	2.120	2.045

Table 7-17-9

TABLE OF CORRECTED ACCELERATION RECORD

NO. 9

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	2.036	2.032	1.965	1.790	1.502	1.129	0.709	0.270	-0.169	-0.590
4011	40.10	-0.963	-1.244	-1.382	-1.369	-1.155	-0.854	-0.528	-0.255	-0.074	0.021
4021	40.20	0.079	0.156	0.284	0.452	0.612	0.700	0.675	0.540	0.361	0.154
4031	40.30	0.044	0.048	0.158	0.331	0.510	0.643	0.698	0.661	0.537	0.339
4041	40.40	0.091	-0.174	-0.407	-0.559	-0.590	-0.500	-0.331	-0.176	-0.143	-0.325
4051	40.50	-0.756	-1.390	-2.109	-2.759	-3.197	-3.337	-3.175	-2.781	-2.263	-1.727
4061	40.60	-1.239	-0.814	-0.430	-0.061	0.286	0.563	0.686	0.573	0.191	-0.417
4071	40.70	-1.126	-1.767	-2.179	-2.274	-2.066	-1.666	-1.237	-0.921	-0.786	-0.798
4081	40.80	-0.844	-0.796	-0.573	-0.190	0.251	0.607	0.767	0.714	0.536	0.388
4091	40.90	0.416	0.681	1.115	1.551	1.792	1.710	1.307	0.732	0.209	-0.050
4101	41.00	0.052	0.460	0.989	1.413	1.565	1.409	1.046	0.663	0.437	0.455
4111	41.10	0.681	0.982	1.205	1.249	1.118	0.907	0.751	0.746	0.897	1.113
4121	41.20	1.249	1.178	0.852	0.329	-0.245	-0.695	-0.888	-0.777	-0.418	0.061
4131	41.30	0.501	0.765	0.770	0.499	0.004	-0.616	-1.223	-1.669	-1.824	-1.611
4141	41.40	-1.043	-0.234	0.610	1.247	1.473	1.201	0.495	-0.440	-1.334	-1.949
4151	41.50	-2.172	-2.051	-1.764	-1.530	-1.508	-1.716	-2.027	-2.231	-2.132	-1.647
4161	41.60	-0.848	0.068	0.862	1.357	1.508	1.402	1.209	1.086	1.108	1.239
4171	41.70	1.370	1.389	1.258	1.038	0.865	0.880	1.151	1.629	2.161	2.551
4181	41.80	2.647	2.407	1.916	1.349	0.897	0.693	0.767	1.049	1.408	1.708
4191	41.90	1.853	1.805	1.576	1.204	0.732	0.203	-0.340	-0.844	-1.246	-1.487
4201	42.00	-1.532	-1.391	-1.119	-0.802	-0.526	-0.352	-0.293	-0.320	-0.382	-0.427
4211	42.10	-0.431	-0.400	-0.363	-0.356	-0.402	-0.499	-0.628	-0.756	-0.855	-0.912
4221	42.20	-0.936	-0.952	-0.991	-1.077	-1.209	-1.357	-1.471	-1.490	-1.376	-1.130
4231	42.30	-0.807	-0.504	-0.330	-0.362	-0.609	-1.003	-1.412	-1.693	-1.766	-1.560
4241	42.40	-1.214	-0.868	-0.597	-0.530	-0.619	-0.749	-0.771	-0.577	-0.150	0.414
4251	42.50	0.944	1.259	1.245	0.901	0.339	-0.262	-0.723	-0.934	-0.880	-0.636
4261	42.60	-0.326	-0.063	0.089	0.129	0.099	0.052	0.015	-0.024	-0.104	-0.267
4271	42.70	-0.519	-0.816	-1.068	-1.174	-1.056	-0.703	-0.179	0.390	0.861	1.117
4281	42.80	1.119	0.912	0.609	0.352	0.258	0.374	0.669	1.045	1.379	1.569
4291	42.90	1.577	1.433	1.227	1.067	1.039	1.173	1.431	1.724	1.947	2.014
4301	43.00	1.897	1.631	1.306	1.023	0.861	0.837	0.901	0.954	0.892	0.657
4311	43.10	0.273	-0.158	-0.486	-0.578	-0.375	0.072	0.624	1.105	1.378	1.411
4321	43.20	1.283	1.150	1.159	1.375	1.734	2.065	2.164	1.893	1.249	0.330
4331	43.30	-0.473	-1.075	-1.295	-1.150	-0.791	-0.425	-0.222	-0.247	-0.448	-0.704
4341	43.40	-0.895	-0.961	-0.924	-0.857	-0.832	-0.869	-0.931	-0.951	-0.887	-0.762
4351	43.50	-0.672	-0.739	-1.055	-1.623	-2.339	-3.031	-3.522	-3.706	-3.576	-3.219
4361	43.60	-2.761	-2.305	-1.897	-1.517	-1.127	-0.711	-0.312	-0.021	0.059	-0.127
4371	43.70	-0.547	-1.079	-1.552	-1.808	-1.761	-1.429	-0.920	-0.385	0.039	0.282
4381	43.80	0.352	0.330	0.320	0.414	0.649	1.000	1.388	1.714	1.889	1.876
4391	43.90	1.697	1.434	1.196	1.085	1.150	1.366	1.641	1.841	1.846	1.598
4401	44.00	1.129	0.549	0.010	-0.353	-0.470	-0.358	-0.105	0.172	0.377	0.466
4411	44.10	0.450	0.367	0.250	0.099	-0.123	-0.466	-0.953	-1.558	-2.193	-2.738
4421	44.20	-3.075	-3.135	-2.917	-2.486	-1.942	-1.386	-0.888	-0.474	-0.133	0.164
4431	44.30	0.445	0.720	0.986	1.233	1.450	1.631	1.773	1.875	1.934	1.963
4441	44.40	1.900	1.811	1.689	1.550	1.408	1.262	1.103	0.915	0.689	0.437
4451	44.50	0.191	0.001	-0.084	-0.034	0.146	0.412	0.689	0.894	0.959	0.849
4461	44.60	0.568	0.160	-0.311	-0.776	-1.178	-1.480	-1.663	-1.722	-1.661	-1.493
4471	44.70	-1.236	-0.925	-0.602	-0.315	-0.105	0.012	0.044	0.031	0.020	0.053
4481	44.80	0.145	0.280	0.424	0.538	0.609	0.658	0.732	0.886	1.151	1.515
4491	44.90	1.918	2.273	2.495	2.541	2.419	2.188	1.931	1.719	1.585	1.518

Table 7-17-10

TABLE OF CORRECTED ACCELERATION RECORD

NO.10

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	1.471	1.392	1.247	1.034	0.782	0.531	0.318	0.160	0.055	-0.012
4511	45.10	-0.059	-0.095	-0.125	-0.151	-0.181	-0.222	-0.284	-0.364	-0.447	-0.510
4521	45.20	-0.532	-0.512	-0.473	-0.457	-0.514	-0.675	-0.941	-1.277	-1.628	-1.935
4531	45.30	-2.159	-2.288	-2.337	-2.330	-2.292	-2.238	-2.176	-2.116	-2.076	-2.076
4541	45.40	-2.127	-2.212	-2.280	-2.256	-2.066	-1.678	-1.130	-0.533	-0.041	0.204
4551	45.50	0.128	-0.238	-0.753	-1.221	-1.456	-1.356	-0.943	-0.357	0.203	0.550
4561	45.60	0.587	0.339	-0.061	-0.430	-0.610	-0.533	-0.245	0.118	0.387	0.436
4571	45.70	0.232	-0.149	-0.551	-0.799	-0.764	-0.415	0.176	0.864	1.486	1.923
4581	45.80	2.134	2.166	2.112	2.072	2.093	2.159	2.198	2.124	1.891	1.523
4591	45.90	1.121	0.825	0.753	0.946	1.339	1.776	2.070	2.072	1.739	1.152
4601	46.00	0.490	-0.039	-0.275	-0.167	0.214	0.713	1.155	1.410	1.432	1.260
4611	46.10	0.983	0.687	0.419	0.180	-0.061	-0.330	-0.617	-0.875	-1.040	-1.057
4621	46.20	-0.921	-0.677	-0.408	-0.201	-0.112	-0.151	-0.283	-0.462	-0.650	-0.841
4631	46.30	-1.053	-1.311	-1.615	-1.926	-2.173	-2.277	-2.182	-1.885	-1.440	-0.944
4641	46.40	-0.505	-0.204	-0.075	-0.099	-0.220	-0.372	-0.499	-0.572	-0.590	-0.570
4651	46.50	-0.528	-0.474	-0.406	-0.310	-0.177	-0.002	0.208	0.435	0.659	0.862
4661	46.60	1.039	1.187	1.310	1.408	1.472	1.492	1.456	1.367	1.246	1.130
4671	46.70	1.059	1.053	1.104	1.164	1.167	1.051	0.794	0.425	0.026	-0.304
4681	46.80	-0.487	-0.502	-0.401	-0.283	-0.257	-0.390	-0.679	-1.051	-1.397	-1.623
4691	46.90	-1.693	-1.639	-1.552	-1.528	-1.634	-1.872	-2.187	-2.487	-2.684	-2.720
4701	47.00	-2.578	-2.274	-1.844	-1.329	-0.778	-0.251	0.181	0.444	0.483	0.296
4711	47.10	-0.060	-0.468	-0.793	-0.925	-0.823	-0.527	-0.141	0.219	0.474	0.609
4721	47.20	0.674	0.750	0.898	1.128	1.389	1.594	1.662	1.562	1.329	1.052
4731	47.30	0.837	0.771	0.885	1.153	1.507	1.867	2.165	2.365	2.455	2.441
4741	47.40	2.329	2.121	1.811	1.395	0.883	0.304	-0.289	-0.826	-1.237	-1.464
4751	47.50	-1.481	-1.307	-1.005	-0.671	-0.406	-0.291	-0.355	-0.571	-0.859	-1.118
4761	47.60	-1.260	-1.242	-1.072	-0.805	-0.510	-0.242	-0.023	0.160	0.343	0.558
4771	47.70	0.814	1.094	1.366	1.586	1.738	1.817	1.835	1.805	1.730	1.607
4781	47.80	1.429	1.198	0.939	0.695	0.513	0.432	0.458	0.562	0.687	0.767
4791	47.90	0.752	0.623	0.403	0.140	-0.107	-0.293	-0.402	-0.453	-0.492	-0.567
4801	48.00	-0.713	-0.929	-1.183	-1.417	-1.577	-1.631	-1.590	-1.504	-1.446	-1.481
4811	48.10	-1.635	-1.885	-2.158	-2.361	-2.416	-2.288	-1.999	-1.619	-1.232	-0.907
4821	48.20	-0.668	-0.492	-0.323	-0.103	0.202	0.582	0.989	1.355	1.615	1.732
4831	48.30	1.709	1.579	1.398	1.222	1.093	1.027	1.016	1.034	1.039	0.992
4841	48.40	0.860	0.629	0.311	-0.057	-0.416	-0.696	-0.834	-0.795	-0.587	-0.272
4851	48.50	0.053	0.272	0.294	0.085	-0.311	-0.780	-1.170	-1.345	-1.242	-0.900
4861	48.60	-0.468	-0.062	0.110	0.010	-0.299	-0.659	-0.888	-0.858	-0.562	-0.118
4871	48.70	0.286	0.477	0.386	0.079	-0.266	-0.448	-0.340	0.053	0.587	1.055
4881	48.80	1.282	1.208	0.910	0.558	0.323	0.291	0.419	0.571	0.592	0.404
4891	48.90	0.048	-0.329	-0.548	-0.493	-0.171	0.290	0.704	0.919	0.891	0.696
4901	49.00	0.483	0.385	0.448	0.599	0.683	0.547	0.119	-0.550	-1.302	-1.939
4911	49.10	-2.309	-2.355	-2.131	-1.760	-1.370	-1.044	-0.798	-0.598	-0.404	-0.193
4921	49.20	0.020	0.203	0.328	0.391	0.415	0.432	0.455	0.471	0.444	0.340
4931	49.30	0.153	-0.083	-0.307	-0.454	-0.488	-0.414	-0.276	-0.123	0.015	0.138
4941	49.40	0.272	0.439	0.630	0.796	0.868	0.793	0.573	0.276	0.016	-0.096
4951	49.50	-0.008	0.245	0.550	0.765	0.789	0.612	0.319	0.056	-0.047	0.059
4961	49.60	0.316	0.584	0.711	0.609	0.305	-0.070	-0.341	-0.373	-0.136	0.274
4971	49.70	0.685	0.927	0.913	0.672	0.331	0.040	-0.103	-0.103	-0.056	-0.089
4981	49.80	-0.290	-0.645	-1.048	-1.351	-1.443	-1.315	-1.064	-0.846	-0.795	-0.954
4991	49.90	-1.246	-1.521	-1.630	-1.504	-1.188	-0.814	-0.527	-0.411	-0.441	-0.507

Table 7-17-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.479	-0.283	0.049	0.402	0.632	0.653	0.485	0.247	0.095	0.136
5011	50.10	0.377	0.717	1.005	1.122	1.045	0.856	0.697	0.688	0.863	1.155
5021	50.20	1.433	1.576	1.536	1.363	1.170	1.064	1.089	1.201	1.295	1.273
5031	50.30	1.096	0.810	0.521	0.335	0.302	0.390	0.511	0.568	0.513	0.363
5041	50.40	0.188	0.062	0.018	0.037	0.064	0.054	0.001	-0.053	-0.051	0.030
5051	50.50	0.151	0.218	0.124	-0.178	-0.637	-1.109	-1.409	-1.399	-1.056	-0.489
5061	50.60	0.104	0.519	0.634	0.449	0.076	-0.327	-0.628	-0.771	-0.781	-0.726
5071	50.70	-0.670	-0.638	-0.617	-0.580	-0.523	-0.473	-0.477	-0.567	-0.730	-0.905
5081	50.80	-1.011	-0.993	-0.862	-0.697	-0.605	-0.666	-0.879	-1.151	-1.338	-1.309
5091	50.90	-1.015	-0.519	0.029	0.458	0.647	0.575	0.318	0.002	-0.261	-0.423
5101	51.00	-0.508	-0.583	-0.704	-0.877	-1.044	-1.117	-1.014	-0.711	-0.255	0.252
5111	51.10	0.690	0.961	1.017	0.866	0.557	0.164	-0.228	-0.539	-0.699	-0.665
5121	51.20	-0.431	-0.045	0.396	0.770	0.974	0.961	0.767	0.494	0.272	0.195
5131	51.30	0.280	0.459	0.611	0.623	0.450	0.139	-0.186	-0.388	-0.375	-0.150
5141	51.40	0.193	0.511	0.680	0.668	0.458	0.222	0.062	0.056	0.206	0.441
5151	51.50	0.657	0.769	0.748	0.626	0.475	0.368	0.341	0.378	0.426	0.420
5161	51.60	0.317	0.114	-0.147	-0.399	-0.575	-0.625	-0.536	-0.325	-0.037	0.273
5171	51.70	0.552	0.766	0.901	0.970	1.004	1.042	1.114	1.226	1.357	1.461
5181	51.80	1.482	1.382	1.148	0.805	0.404	0.005	-0.341	-0.607	-0.787	-0.888
5191	51.90	-0.919	-0.882	-0.776	-0.601	-0.374	-0.125	0.106	0.283	0.386	0.416
5201	52.00	0.389	0.329	0.248	0.151	0.036	-0.091	-0.210	-0.292	-0.310	-0.259
5211	52.10	-0.169	-0.099	-0.116	-0.261	-0.526	-0.850	-1.132	-1.280	-1.242	-1.033
5221	52.20	-0.727	-0.423	-0.205	-0.103	-0.094	-0.114	-0.099	-0.017	0.108	0.215
5231	52.30	0.231	0.107	-0.156	-0.508	-0.872	-1.170	-1.349	-1.396	-1.331	-1.189
5241	52.40	-1.008	-0.815	-0.631	-0.473	-0.361	-0.317	-0.362	-0.497	-0.704	-0.941
5251	52.50	-1.151	-1.275	-1.270	-1.117	-0.833	-0.463	-0.073	0.266	0.502	0.613
5261	52.60	0.624	0.594	0.599	0.706	0.937	1.262	1.605	1.871	1.987	1.932
5271	52.70	1.747	1.507	1.290	1.126	0.989	0.807	0.506	0.062	-0.469	-0.960
5281	52.80	-1.262	-1.273	-0.988	-0.516	-0.041	0.257	0.276	0.036	-0.331	-0.644
5291	52.90	-0.758	-0.634	-0.350	-0.071	0.039	-0.114	-0.503	-0.998	-1.418	-1.612
5301	53.00	-1.520	-1.185	-0.727	-0.282	0.052	0.251	0.352	0.419	0.505	0.621
5311	53.10	0.743	0.831	0.861	0.837	0.791	0.757	0.748	0.746	0.710	0.605
5321	53.20	0.426	0.218	0.055	0.017	0.143	0.415	0.753	1.047	1.200	1.167
5331	53.30	0.966	0.671	0.371	0.139	0.006	-0.045	-0.055	-0.064	-0.092	-0.133
5341	53.40	-0.162	-0.161	-0.129	-0.086	-0.066	-0.098	-0.188	-0.321	-0.464	-0.580
5351	53.50	-0.646	-0.656	-0.621	-0.561	-0.496	-0.445	-0.424	-0.449	-0.533	-0.677
5361	53.60	-0.863	-1.049	-1.177	-1.191	-1.060	-0.798	-0.460	-0.123	0.144	0.312
5371	53.70	0.407	0.493	0.663	0.895	1.228	1.561	1.791	1.832	1.660	1.327
5381	53.80	0.947	0.646	0.518	0.584	0.796	1.053	1.254	1.333	1.277	1.125
5391	53.90	0.941	0.782	0.681	0.640	0.643	0.666	0.691	0.705	0.697	0.649
5401	54.00	0.540	0.352	0.084	-0.241	-0.577	-0.872	-1.084	-1.196	-1.222	-1.194
5411	54.10	-1.147	-1.100	-1.055	-0.999	-0.917	-0.812	-0.704	-0.625	-0.607	-0.665
5421	54.20	-0.789	-0.949	-1.107	-1.235	-1.323	-1.377	-1.416	-1.451	-1.485	-1.503
5431	54.30	-1.488	-1.428	-1.322	-1.187	-1.052	-0.943	-0.875	-0.844	-0.832	-0.805
5441	54.40	-0.734	-0.597	-0.393	-0.142	0.122	0.357	0.532	0.636	0.682	0.706
5451	54.50	0.751	0.869	1.008	1.202	1.382	1.494	1.508	1.428	1.298	1.183
5461	54.60	1.142	1.202	1.363	1.509	1.625	1.635	1.519	1.300	1.033	0.776
5471	54.70	0.574	0.439	0.362	0.323	0.307	0.313	0.345	0.401	0.463	0.494
5481	54.80	0.448	0.296	0.136	-0.298	-0.643	-0.938	-1.139	-1.239	-1.258	-1.234
5491	54.90	-1.198	-1.161	-1.116	-1.049	-0.959	-0.863	-0.796	-0.792	-0.862	-0.979

Table 7-17-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.087	-1.114	-1.009	-0.764	-0.424	-0.070	0.208	0.365	0.327	0.192
5511	55.10	0.009	-0.144	-0.219	-0.205	-0.129	-0.036	0.034	0.062	0.060	0.056
5521	55.20	0.080	0.145	0.243	0.344	0.415	0.432	0.395	0.332	0.280	0.281
5531	55.30	0.353	0.491	0.663	0.823	0.927	0.950	0.888	0.762	0.604	0.445
5541	55.40	0.305	0.194	0.108	0.043	-0.001	-0.023	-0.019	0.008	0.045	0.075
5551	55.50	0.077	0.043	-0.018	-0.086	-0.135	-0.146	-0.123	-0.089	-0.079	-0.121
5561	55.60	-0.218	-0.343	-0.447	-0.475	-0.396	-0.219	0.008	0.209	0.315	0.287
5571	55.70	0.135	-0.085	-0.297	-0.432	-0.457	-0.386	-0.269	-0.171	-0.144	-0.202
5581	55.80	-0.321	-0.450	-0.532	-0.525	-0.421	-0.241	-0.031	0.161	0.295	0.350
5591	55.90	0.326	0.241	0.121	-0.000	-0.093	-0.128	-0.089	0.029	0.210	0.421
5601	56.00	0.616	0.754	0.809	0.779	0.692	0.586	0.498	0.441	0.398	0.324
5611	56.10	0.172	-0.082	-0.420	-0.776	-1.054	-1.163	-1.052	-0.736	-0.294	0.154
5621	56.20	0.490	0.638	0.584	0.375	0.090	-0.193	-0.427	-0.601	-0.730	-0.825
5631	56.30	-0.877	-0.854	-0.713	-0.441	-0.069	0.318	0.607	0.702	0.566	0.246
5641	56.40	-0.141	-0.452	-0.579	-0.491	-0.253	0.003	0.135	0.051	-0.254	-0.695
5651	56.50	-1.136	-1.438	-1.514	-1.351	-1.008	-0.577	-0.156	0.186	0.414	0.519
5661	56.60	0.510	0.403	0.221	0.004	-0.191	-0.297	-0.261	-0.065	0.256	0.621
5671	56.70	0.927	1.092	1.081	0.923	0.696	0.492	0.375	0.362	0.419	0.487
5681	56.80	0.513	0.482	0.418	0.373	0.397	0.513	0.703	0.921	1.110	1.233
5691	56.90	1.275	1.253	1.188	1.099	0.987	0.843	0.660	0.447	0.235	0.072
5701	57.00	-0.002	0.030	0.152	0.315	0.454	0.515	0.467	0.313	0.084	-0.176
5711	57.10	-0.421	-0.620	-0.751	-0.808	-0.792	-0.713	-0.589	-0.445	-0.312	-0.220
5721	57.20	-0.187	-0.220	-0.303	-0.414	-0.525	-0.618	-0.691	-0.750	-0.807	-0.870
5731	57.30	-0.936	-0.986	-1.000	-0.954	-0.837	-0.648	-0.405	-0.139	0.115	0.315
5741	57.40	0.431	0.446	0.365	0.219	0.057	-0.066	-0.102	-0.036	0.116	0.304
5751	57.50	0.464	0.540	0.507	0.376	0.190	0.005	-0.134	-0.210	-0.235	-0.242
5761	57.60	-0.263	-0.312	-0.378	-0.428	-0.431	-0.369	-0.253	-0.119	-0.016	0.015
5771	57.70	-0.042	-0.171	-0.336	-0.490	-0.595	-0.635	-0.613	-0.546	-0.454	-0.349
5781	57.80	-0.235	-0.110	0.021	0.145	0.238	0.272	0.228	0.109	-0.059	-0.230
5791	57.90	-0.352	-0.386	-0.319	-0.168	0.025	0.212	0.355	0.439	0.471	0.476
5801	58.00	0.479	0.491	0.507	0.506	0.469	0.388	0.277	0.165	0.091	0.081
5811	58.10	0.142	0.253	0.374	0.462	0.481	0.420	0.286	0.109	-0.078	-0.240
5821	58.20	-0.353	-0.403	-0.392	-0.335	-0.257	-0.192	-0.170	-0.207	-0.295	-0.401
5831	58.30	-0.472	-0.453	-0.315	-0.064	0.249	0.548	0.756	0.825	0.755	0.587
5841	58.40	0.389	0.226	0.132	0.101	0.103	0.100	0.074	0.040	0.036	0.101
5851	58.50	0.250	0.460	0.670	0.805	0.807	0.661	0.402	0.105	-0.148	-0.295
5861	58.60	-0.318	-0.242	-0.123	-0.017	0.037	0.031	-0.015	-0.072	-0.116	-0.145
5871	58.70	-0.171	-0.218	-0.302	-0.418	-0.543	-0.637	-0.663	-0.602	-0.459	-0.265
5881	58.80	-0.065	0.098	0.197	0.226	0.201	0.146	0.078	0.007	-0.074	-0.171
5891	58.90	-0.287	-0.410	-0.517	-0.580	-0.582	-0.525	-0.430	-0.330	-0.251	-0.199
5901	59.00	-0.159	-0.102	-0.003	0.143	0.310	0.455	0.530	0.510	0.403	0.252
5911	59.10	0.110	0.023	0.007	0.046	0.106	0.153	0.173	0.175	0.181	0.207
5921	59.20	0.243	0.259	0.217	0.096	-0.087	-0.276	-0.398	-0.398	-0.269	-0.063
5931	59.30	0.125	0.199	0.110	-0.119	-0.393	-0.587	-0.595	-0.386	-0.013	0.398
5941	59.40	0.703	0.796	0.649	0.327	-0.048	-0.341	-0.461	-0.388	-0.172	0.096
5951	59.50	0.321	0.445	0.450	0.400	0.315	0.242	0.191	0.142	0.059	-0.083
5961	59.60	-0.282	-0.506	-0.702	-0.819	-0.826	-0.726	-0.555	-0.366	-0.211	-0.123
5971	59.70	-0.106	-0.141	-0.197	-0.245	-0.267	-0.259	-0.229	-0.187	-0.140	-0.093
5981	59.80	-0.048	-0.012	0.009	0.011	-0.004	-0.021	-0.017	0.033	0.138	0.287
5991	59.90	0.444	0.561	0.599	0.538	0.395	0.215	0.057	-0.028	-0.015	0.087

Table 7-17-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.242	0.405	0.534	0.602	0.605	0.550	0.452	0.328	0.192	0.060
6011	60.10	-0.053	-0.137	-0.187	-0.207	-0.207	-0.200	-0.192	-0.177	-0.161	-0.071
6021	60.20	0.032	0.147	0.240	0.270	0.217	0.088	-0.080	-0.236	-0.334	-0.354
6031	60.30	-0.308	-0.229	-0.149	-0.081	-0.013	0.081	0.221	0.398	0.572	0.683
6041	60.40	0.681	0.555	0.340	0.114	-0.041	-0.068	0.034	0.219	0.411	0.542
6051	60.50	0.583	0.545	0.469	0.396	0.339	0.280	0.179	0.007	-0.236	-0.507
6061	60.60	-0.733	-0.844	-0.803	-0.622	-0.356	-0.086	0.119	0.220	0.218	0.137
6071	60.70	0.013	-0.130	-0.281	-0.442	-0.610	-0.771	-0.899	-0.961	-0.937	-0.825
6081	60.80	-0.647	-0.440	-0.245	-0.092	0.008	0.060	0.087	0.113	0.163	0.249
6091	60.90	0.374	0.522	0.669	0.782	0.829	0.790	0.661	0.461	0.222	-0.015
6101	61.00	-0.217	-0.363	-0.448	-0.477	-0.458	-0.402	-0.316	-0.218	-0.132	-0.094
6111	61.10	-0.131	-0.255	-0.442	-0.637	-0.763	-0.756	-0.589	-0.291	0.056	0.348
6121	61.20	0.495	0.459	0.265	-0.007	-0.259	-0.416	-0.450	-0.387	-0.288	-0.211
6131	61.30	-0.184	-0.194	-0.191	-0.122	0.039	0.278	0.540	0.753	0.862	0.851
6141	61.40	0.751	0.624	0.533	0.519	0.577	0.667	0.733	0.732	0.657	0.537
6151	61.50	0.430	0.390	0.444	0.574	0.725	0.826	0.821	0.689	0.461	0.200
6161	61.60	-0.024	-0.158	-0.195	-0.165	-0.124	-0.120	-0.174	-0.268	-0.356	-0.385
6171	61.70	-0.327	-0.191	-0.022	0.117	0.172	0.123	-0.013	-0.190	-0.353	-0.462
6181	61.80	-0.505	-0.493	-0.453	-0.405	-0.359	-0.312	-0.261	-0.208	-0.169	-0.165
6191	61.90	-0.210	-0.302	-0.418	-0.524	-0.589	-0.602	-0.576	-0.538	-0.515	-0.512
6201	62.00	-0.511	-0.477	-0.380	-0.219	-0.027	0.133	0.200	0.141	-0.030	-0.253
6211	62.10	-0.449	-0.553	-0.543	-0.447	-0.328	-0.249	-0.242	-0.295	-0.358	-0.378
6221	62.20	-0.328	-0.224	-0.126	-0.102	-0.195	-0.401	-0.660	-0.884	-0.998	-0.965
6231	62.30	-0.806	-0.586	-0.377	-0.226	-0.135	-0.067	0.025	0.173	0.365	0.550
6241	62.40	0.664	0.664	0.552	0.383	0.239	0.199	0.297	0.512	0.772	0.992
6251	62.50	1.102	1.082	0.960	0.795	0.650	0.556	0.515	0.497	0.471	0.420
6261	62.60	0.353	0.299	0.283	0.312	0.364	0.398	0.373	0.273	0.113	-0.064
6271	62.70	-0.206	-0.282	-0.292	-0.270	-0.264	-0.310	-0.412	-0.537	-0.630	-0.639
6281	62.80	-0.541	-0.355	-0.129	0.073	0.206	0.256	0.246	0.216	0.209	0.249
6291	62.90	0.331	0.433	0.529	0.596	0.627	0.623	0.586	0.513	0.400	0.244
6301	63.00	0.059	-0.123	-0.259	-0.312	-0.266	-0.142	0.015	0.148	0.213	0.203
6311	63.10	0.151	0.110	0.135	0.252	0.447	0.669	0.853	0.947	0.930	0.818
6321	63.20	0.650	0.472	0.314	0.185	0.076	-0.024	-0.120	-0.204	-0.260	-0.273
6331	63.30	-0.239	-0.169	-0.078	0.016	0.102	0.181	0.251	0.308	0.337	0.321
6341	63.40	0.246	0.120	-0.032	-0.172	-0.265	-0.298	-0.288	-0.273	-0.298	-0.387
6351	63.50	-0.534	-0.700	-0.833	-0.891	-0.867	-0.782	-0.681	-0.601	-0.555	-0.525
6361	63.60	-0.474	-0.372	-0.222	-0.058	0.061	0.084	-0.004	-0.171	-0.347	-0.459
6371	63.70	-0.466	-0.379	-0.261	-0.192	-0.234	-0.391	-0.613	-0.809	-0.895	-0.833
6381	63.80	-0.650	-0.423	-0.251	-0.203	-0.292	-0.472	-0.664	-0.792	-0.818	-0.755
6391	63.90	-0.650	-0.559	-0.511	-0.492	-0.461	-0.367	-0.186	0.064	0.326	0.528
6401	64.00	0.615	0.575	0.445	0.293	0.189	0.174	0.250	0.379	0.509	0.597
6411	64.10	0.633	0.638	0.653	0.714	0.834	0.992	1.140	1.226	1.212	1.095
6421	64.20	0.903	0.685	0.491	0.356	0.286	0.265	0.264	0.262	0.250	0.236
6431	64.30	0.239	0.272	0.335	0.410	0.469	0.488	0.457	0.386	0.301	0.229
6441	64.40	0.185	0.161	0.133	0.066	-0.060	-0.239	-0.436	-0.595	-0.666	-0.621
6451	64.50	-0.474	-0.273	-0.086	0.027	0.035	-0.052	-0.189	-0.318	-0.388	-0.375
6461	64.60	-0.290	-0.168	-0.051	0.026	0.051	0.028	-0.025	-0.087	-0.149	-0.211
6471	64.70	-0.280	-0.362	-0.457	-0.551	-0.625	-0.653	-0.619	-0.517	-0.358	-0.167
6481	64.80	0.021	0.172	0.262	0.282	0.242	0.166	0.082	0.015	-0.024	-0.035
6491	64.90	-0.031	-0.022	-0.013	-0.002	0.018	0.052	0.092	0.120	0.114	0.061

Table 7-17-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-0.035	-0.145	-0.233	-0.266	-0.235	-0.163	-0.094	-0.072	-0.117	-0.211
6511	65.10	-0.303	-0.331	-0.256	-0.086	0.120	0.280	0.323	0.224	0.023	-0.193
6521	65.20	-0.326	-0.314	-0.163	0.061	0.257	0.342	0.289	0.138	-0.023	-0.101
6531	65.30	-0.047	0.122	0.328	0.471	0.475	0.325	0.073	-0.183	-0.345	-0.355
6541	65.40	-0.220	-0.000	0.215	0.349	0.362	0.265	0.106	-0.051	-0.153	-0.173
6551	65.50	-0.111	0.007	0.146	0.266	0.333	0.324	0.231	0.063	-0.147	-0.355
6561	65.60	-0.511	-0.582	-0.560	-0.468	-0.355	-0.274	-0.263	-0.329	-0.445	-0.563
6571	65.70	-0.634	-0.629	-0.548	-0.416	-0.274	-0.159	-0.091	-0.070	-0.081	-0.106
6581	65.80	-0.130	-0.149	-0.164	-0.177	-0.186	-0.185	-0.164	-0.115	-0.037	0.062
6591	65.90	0.169	0.268	0.348	0.404	0.441	0.473	0.519	0.599	0.725	0.896
6601	66.00	1.092	1.276	1.400	1.422	1.323	1.119	0.859	0.612	0.443	0.390
6611	66.10	0.445	0.563	0.675	0.722	0.678	0.561	0.422	0.316	0.278	0.302
6621	66.20	0.344	0.345	0.260	0.088	-0.131	-0.325	-0.428	-0.408	-0.288	-0.133
6631	66.30	-0.023	-0.018	-0.133	-0.330	-0.540	-0.694	-0.756	-0.734	-0.679	-0.649
6641	66.40	-0.685	-0.786	-0.912	-0.998	-0.991	-0.874	-0.674	-0.456	-0.291	-0.229
6651	66.50	-0.279	-0.407	-0.550	-0.663	-0.647	-0.559	-0.411	-0.251	-0.126	-0.060
6661	66.60	-0.051	-0.073	-0.091	-0.079	-0.025	0.062	0.162	0.249	0.308	0.332
6671	66.70	0.333	0.326	0.328	0.349	0.388	0.435	0.475	0.493	0.479	0.433
6681	66.80	0.360	0.271	0.180	0.094	0.017	-0.056	-0.129	-0.210	-0.300	-0.397
6691	66.90	-0.489	-0.562	-0.597	-0.580	-0.504	-0.376	-0.210	-0.036	0.116	0.217
6701	67.00	0.250	0.213	0.122	0.003	-0.114	-0.204	-0.254	-0.262	-0.235	-0.181
6711	67.10	-0.109	-0.022	0.075	0.172	0.253	0.294	0.278	0.198	0.072	-0.065
6721	67.20	-0.167	-0.196	-0.138	-0.014	0.131	0.243	0.283	0.247	0.170	0.107
6731	67.30	0.111	0.207	0.373	0.551	0.666	0.665	0.535	0.317	0.085	-0.083
6741	67.40	-0.138	-0.080	0.044	0.161	0.206	0.153	0.017	-0.148	-0.279	-0.332
6751	67.50	-0.302	-0.216	-0.122	-0.064	-0.063	-0.113	-0.187	-0.255	-0.300	-0.317
6761	67.60	-0.312	-0.293	-0.252	-0.177	-0.055	0.112	0.296	0.447	0.507	0.439
6771	67.70	0.240	-0.048	-0.353	-0.598	-0.731	-0.739	-0.652	-0.522	-0.400	-0.312
6781	67.80	-0.254	-0.199	-0.119	0.001	0.146	0.284	0.379	0.410	0.381	0.319
6791	67.90	0.259	0.231	0.241	0.279	0.322	0.352	0.366	0.374	0.392	0.431
6801	68.00	0.485	0.534	0.553	0.521	0.438	0.322	0.201	0.105	0.050	0.038
6811	68.10	0.060	0.105	0.166	0.240	0.326	0.414	0.482	0.501	0.449	0.319
6821	68.20	0.134	-0.063	-0.224	-0.311	-0.319	-0.273	-0.215	-0.188	-0.207	-0.258
6831	68.30	-0.298	-0.284	-0.193	-0.041	0.120	0.222	0.206	0.052	-0.212	-0.519
6841	68.40	-0.786	-0.946	-0.965	-0.857	-0.669	-0.461	-0.281	-0.158	-0.091	-0.063
6851	68.50	-0.053	-0.047	-0.040	-0.035	-0.035	-0.036	-0.029	-0.003	0.066	0.114
6861	68.60	0.181	0.227	0.232	0.190	0.111	0.016	-0.072	-0.133	-0.162	-0.167
6871	68.70	-0.164	-0.166	-0.177	-0.188	-0.181	-0.136	-0.042	0.098	0.263	0.418
6881	68.80	0.526	0.557	0.502	0.367	0.184	-0.010	-0.173	-0.279	-0.318	-0.299
6891	68.90	-0.244	-0.178	-0.118	-0.064	-0.002	0.086	0.212	0.370	0.532	0.655
6901	69.00	0.694	0.629	0.469	0.258	0.062	-0.059	-0.074	0.008	0.142	0.262
6911	69.10	0.311	0.265	0.137	-0.028	-0.178	-0.273	-0.307	-0.298	-0.279	-0.279
6921	69.20	-0.303	-0.341	-0.371	-0.379	-0.370	-0.366	-0.394	-0.466	-0.566	-0.659
6931	69.30	-0.697	-0.653	-0.534	-0.385	-0.275	-0.263	-0.373	-0.580	-0.815	-0.994
6941	69.40	-1.052	-0.967	-0.768	-0.522	-0.303	-0.162	-0.111	-0.126	-0.160	-0.172
6951	69.50	-0.141	-0.069	0.019	0.100	0.158	0.193	0.217	0.239	0.263	0.282
6961	69.60	0.287	0.276	0.260	0.264	0.315	0.429	0.599	0.791	0.954	1.042
6971	69.70	1.029	0.922	0.761	0.603	0.500	0.476	0.528	0.621	0.714	0.770
6981	69.80	0.778	0.744	0.689	0.628	0.562	0.479	0.365	0.219	0.064	-0.059
6991	69.90	-0.100	-0.032	0.138	0.361	0.562	0.670	0.643	0.492	0.266	0.037

Table 7-17-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.138	-0.236	-0.278	-0.306	-0.361	-0.453	-0.558	-0.627	-0.617	-0.516
7011	70.10	-0.354	-0.191	-0.088	-0.080	-0.160	-0.282	-0.386	-0.433	-0.418	-0.372
7021	70.20	-0.341	-0.354	-0.509	-0.469	-0.486	-0.430	-0.310	-0.175	-0.091	-0.104
7031	70.30	-0.219	-0.389	-0.540	-0.600	-0.540	-0.382	-0.188	-0.035	0.030	0.000
7041	70.40	-0.087	-0.179	-0.230	-0.228	-0.193	-0.155	-0.139	-0.142	-0.136	-0.089
7051	70.50	0.013	0.154	0.292	0.377	0.381	0.316	0.232	0.196	0.261	0.442
7061	70.60	0.706	0.991	1.225	1.364	1.396	1.341	1.235	1.104	0.959	0.798
7071	70.70	0.621	0.443	0.295	0.214	0.222	0.310	0.430	0.517	0.511	0.393
7081	70.80	0.187	-0.043	-0.230	-0.332	-0.359	-0.361	-0.407	-0.544	-0.765	-1.009
7091	70.90	-1.185	-1.215	-1.076	-0.812	-0.520	-0.305	-0.234	-0.305	-0.451	-0.580
7101	71.00	-0.619	-0.558	-0.451	-0.386	-0.434	-0.606	-0.834	-1.007	-1.018	-0.828
7111	71.10	-0.494	-0.145	0.068	0.048	-0.199	-0.561	-0.870	-0.920	-0.831	-0.481
7121	71.20	-0.076	0.220	0.303	0.174	-0.061	-0.252	-0.274	-0.091	0.233	0.566
7131	71.30	0.777	0.799	0.652	0.428	0.238	0.156	0.184	0.267	0.323	0.303
7141	71.40	0.212	0.107	0.061	0.118	0.264	0.430	0.534	0.517	0.379	0.181
7151	71.50	0.008	-0.073	-0.046	0.043	0.120	0.120	0.024	-0.129	-0.267	-0.322
7161	71.60	-0.266	-0.121	0.049	0.178	0.230	0.213	0.165	0.132	0.132	0.148
7171	71.70	0.140	0.070	-0.067	-0.236	-0.374	-0.423	-0.358	-0.203	-0.019	0.126
7181	71.80	0.193	0.188	0.157	0.158	0.228	0.363	0.522	0.647	0.696	0.666
7191	71.90	0.589	0.514	0.483	0.502	0.546	0.575	0.559	0.497	0.421	0.375
7201	72.00	0.388	0.458	0.544	0.592	0.554	0.423	0.229	0.032	-0.112	-0.173
7211	72.10	-0.162	-0.116	-0.082	-0.086	-0.125	-0.174	-0.206	-0.214	-0.214	-0.241
7221	72.20	-0.321	-0.452	-0.599	-0.705	-0.724	-0.646	-0.505	-0.374	-0.324	-0.390
7231	72.30	-0.551	-0.738	-0.864	-0.869	-0.751	-0.565	-0.403	-0.343	-0.416	-0.586
7241	72.40	-0.774	-0.891	-0.886	-0.765	-0.587	-0.429	-0.346	-0.341	-0.365	-0.346
7251	72.50	-0.230	-0.011	0.262	0.505	0.641	0.636	0.519	0.365	0.266	0.284
7261	72.60	0.426	0.644	0.859	0.992	1.000	0.885	0.691	0.477	0.296	0.176
7271	72.70	0.121	0.117	0.143	0.182	0.223	0.255	0.269	0.256	0.208	0.129
7281	72.80	0.031	-0.066	-0.145	-0.194	-0.217	-0.225	-0.228	-0.234	-0.239	-0.235
7291	72.90	-0.216	-0.186	-0.158	-0.149	-0.170	-0.217	-0.273	-0.316	-0.328	-0.305
7301	73.00	-0.260	-0.216	-0.190	-0.188	-0.200	-0.207	-0.196	-0.166	-0.131	-0.113
7311	73.10	-0.125	-0.163	-0.206	-0.225	-0.202	-0.139	-0.067	-0.028	-0.057	-0.160
7321	73.20	-0.311	-0.458	-0.543	-0.530	-0.417	-0.241	-0.053	0.096	0.177	0.192
7331	73.30	0.162	0.118	0.080	0.054	0.034	0.015	-0.005	-0.011	0.012	0.081
7341	73.40	0.200	0.358	0.535	0.709	0.864	0.988	1.075	1.118	1.107	1.033
7351	73.50	0.898	0.720	0.531	0.368	0.264	0.231	0.255	0.306	0.351	0.367
7361	73.60	0.351	0.316	0.280	0.256	0.241	0.223	0.190	0.141	0.089	0.056
7371	73.70	0.058	0.088	0.121	0.121	0.061	-0.058	-0.205	-0.329	-0.388	-0.373
7381	73.80	-0.317	-0.280	-0.326	-0.481	-0.718	-0.961	-1.119	-1.123	-0.960	-0.677
7391	73.90	-0.362	-0.100	0.057	0.109	0.097	0.071	0.060	0.058	0.033	-0.044
7401	74.00	-0.178	-0.333	-0.452	-0.482	-0.411	-0.271	-0.129	-0.043	-0.036	-0.070
7411	74.10	-0.078	0.009	0.214	0.496	0.762	0.919	0.917	0.789	0.630	0.554
7421	74.20	0.628	0.826	1.035	1.099	0.896	0.606	-0.264	-0.919	-1.356	-1.433
7431	74.30	-1.152	-0.632	-0.066	0.367	0.568	0.553	0.422	0.305	0.293	0.401
7441	74.40	0.570	0.707	0.735	0.631	0.432	0.211	0.040	-0.043	-0.050	-0.026
7451	74.50	-0.023	-0.073	-0.175	-0.300	-0.406	-0.463	-0.460	-0.412	-0.347	-0.296
7461	74.60	-0.285	-0.324	-0.411	-0.531	-0.654	-0.746	-0.778	-0.732	-0.619	-0.474
7471	74.70	-0.353	-0.308	-0.363	-0.504	-0.677	-0.808	-0.835	-0.738	-0.550	-0.343
7481	74.80	-0.202	-0.185	-0.297	-0.492	-0.687	-0.801	-0.788	-0.651	-0.436	-0.214
7491	74.90	-0.048	0.027	0.014	-0.057	-0.142	-0.200	-0.206	-0.155	-0.059	0.062

Table 7-17-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	0.178	0.266	0.307	0.299	0.257	0.210	0.194	0.232	0.331	0.469
7511	75.10	0.607	0.699	0.714	0.648	0.521	0.366	0.216	0.091	-0.007	-0.079
7521	75.20	-0.124	-0.128	-0.069	0.064	0.259	0.472	0.637	0.692	0.606	0.400
7531	75.30	0.143	-0.076	-0.180	-0.142	0.010	0.203	0.355	0.412	0.367	0.258
7541	75.40	0.147	0.084	0.087	0.139	0.199	0.228	0.208	0.143	0.055	-0.036
7551	75.50	-0.119	-0.197	-0.268	-0.319	-0.321	-0.236	-0.044	0.240	0.562	0.837
7561	75.60	0.986	0.967	0.793	0.531	0.273	0.095	0.028	0.051	0.102	0.119
7571	75.70	0.067	-0.039	-0.148	-0.194	-0.135	0.028	0.247	0.447	0.559	0.543
7581	75.80	0.404	0.188	-0.043	-0.227	-0.329	-0.339	-0.274	-0.162	-0.035	0.084
7591	75.90	0.177	0.239	0.269	0.273	0.256	0.225	0.181	0.122	0.043	-0.055
7601	76.00	-0.167	-0.272	-0.345	-0.363	-0.315	-0.211	-0.079	0.044	0.128	0.163
7611	76.10	0.162	0.153	0.160	0.170	0.224	0.225	0.154	-0.001	-0.221	-0.457
7621	76.20	-0.644	-0.733	-0.710	-0.599	-0.452	-0.323	-0.245	-0.221	-0.230	-0.242
7631	76.30	-0.244	-0.247	-0.279	-0.368	-0.516	-0.692	-0.836	-0.887	-0.809	-0.616
7641	76.40	-0.365	-0.140	-0.008	0.002	-0.084	-0.203	-0.285	-0.290	-0.225	-0.136
7651	76.50	-0.086	-0.117	-0.227	-0.368	-0.470	-0.479	-0.381	-0.213	-0.045	0.057
7661	76.60	0.064	-0.003	-0.081	-0.097	-0.013	0.161	0.363	0.510	0.545	0.457
7671	76.70	0.300	0.160	0.118	0.212	0.413	0.639	0.791	0.794	0.634	0.360
7681	76.80	0.063	-0.161	-0.252	-0.200	-0.046	0.145	0.310	0.414	0.452	0.443
7691	76.90	0.411	0.372	0.330	0.280	0.220	0.158	0.107	0.082	0.089	0.117
7701	77.00	0.142	0.140	0.092	-0.001	-0.121	-0.238	-0.320	-0.350	-0.325	-0.259
7711	77.10	-0.177	-0.108	-0.075	-0.095	-0.168	-0.284	-0.416	-0.531	-0.596	-0.591
7721	77.20	-0.515	-0.391	-0.259	-0.158	-0.112	-0.120	-0.151	-0.158	-0.105	0.023
7731	77.30	0.205	0.391	0.525	0.565	0.506	0.374	0.222	0.101	0.041	0.042
7741	77.40	0.080	0.124	0.149	0.150	0.142	0.143	0.168	0.211	0.254	0.273
7751	77.50	0.252	0.192	0.110	0.033	-0.017	-0.032	-0.013	0.027	0.075	0.124
7761	77.60	0.173	0.217	0.249	0.254	0.217	0.133	0.016	-0.101	-0.180	-0.194
7771	77.70	-0.139	-0.043	0.046	0.078	0.031	-0.082	-0.212	-0.300	-0.303	-0.218
7781	77.80	-0.087	0.023	0.047	-0.043	-0.225	-0.430	-0.573	-0.590	-0.463	-0.228
7791	77.90	0.038	0.257	0.373	0.379	0.308	0.218	0.156	0.143	0.166	0.194
7801	78.00	0.198	0.170	0.126	0.100	0.120	0.191	0.291	0.375	0.399	0.336
7811	78.10	0.194	0.011	-0.160	-0.271	-0.295	-0.235	-0.117	0.016	0.127	0.184
7821	78.20	0.174	0.096	-0.034	-0.188	-0.327	-0.412	-0.412	-0.317	-0.147	0.054
7831	78.30	0.226	0.320	0.314	0.228	0.110	0.021	0.003	0.058	0.155	0.238
7841	78.40	0.263	0.219	0.136	0.069	0.072	0.162	0.312	0.458	0.530	0.489
7851	78.50	0.349	0.172	0.039	0.012	0.104	0.267	0.417	0.474	0.394	0.192
7861	78.60	-0.067	-0.300	-0.442	-0.474	-0.421	-0.338	-0.275	-0.259	-0.280	-0.307
7871	78.70	-0.306	-0.260	-0.176	-0.082	-0.004	0.038	0.043	0.021	-0.017	-0.069
7881	78.80	-0.137	-0.224	-0.321	-0.406	-0.449	-0.425	-0.330	-0.185	-0.029	0.096
7891	78.90	0.167	0.185	0.173	0.164	0.173	0.196	0.207	0.175	0.084	-0.055
7901	79.00	-0.210	-0.340	-0.416	-0.434	-0.413	-0.383	-0.360	-0.343	-0.312	-0.246
7911	79.10	-0.145	-0.036	0.032	0.012	-0.112	-0.310	-0.515	-0.646	-0.650	-0.530
7921	79.20	-0.341	-0.175	-0.109	-0.173	-0.331	-0.501	-0.594	-0.557	-0.407	-0.218
7931	79.30	-0.089	-0.097	-0.254	-0.503	-0.739	-0.855	-0.788	-0.549	-0.208	0.128
7941	79.40	0.367	0.462	0.422	0.300	0.159	0.051	-0.006	-0.021	-0.017	-0.014
7951	79.50	-0.016	-0.013	0.007	0.053	0.124	0.208	0.294	0.373	0.445	0.514
7961	79.60	0.575	0.617	0.621	0.570	0.460	0.305	0.139	0.002	-0.071	-0.065
7971	79.70	0.011	0.128	0.248	0.336	0.372	0.355	0.299	0.225	0.157	0.113
7981	79.80	0.099	0.116	0.150	0.183	0.197	0.175	0.115	0.028	-0.061	-0.123
7991	79.90	-0.134	-0.087	0.004	0.109	0.189	0.212	0.164	0.056	-0.085	-0.218

Table 7-17-17

TABLE OF CORRECTED ACCELERATION RECORD

NO.17

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-0.308	-0.327	-0.268	-0.137	0.045	0.246	0.432	0.570	0.637	0.625
8011	80.10	0.542	0.417	0.285	0.178	0.114	0.092	0.094	0.096	0.082	0.054
8021	80.20	0.029	0.031	0.080	0.174	0.292	0.401	0.468	0.480	0.440	0.373
8031	80.30	0.302	0.243	0.199	0.160	0.117	0.073	0.041	0.038	0.076	0.143
8041	80.40	0.212	0.246	0.221	0.137	0.023	-0.075	-0.120	-0.097	-0.031	0.037
8051	80.50	0.063	0.029	-0.049	-0.124	-0.150	-0.103	-0.001	0.106	0.155	0.105
8061	80.60	-0.042	-0.244	-0.436	-0.560	-0.597	-0.566	-0.512	-0.483	-0.498	-0.543
8071	80.70	-0.581	-0.576	-0.516	-0.423	-0.339	-0.304	-0.328	-0.391	-0.446	-0.453
8081	80.80	-0.399	-0.308	-0.230	-0.216	-0.281	-0.397	-0.502	-0.527	-0.433	-0.231
8091	80.90	0.019	0.240	0.367	0.380	0.308	0.208	0.136	0.118	0.142	0.172
8101	81.00	0.171	0.127	0.064	0.021	0.035	0.113	0.227	0.326	0.364	0.324
8111	81.10	0.232	0.140	0.099	0.135	0.228	0.324	0.364	0.314	0.182	0.021
8121	81.20	-0.102	-0.136	-0.072	0.056	0.186	0.260	0.249	0.164	0.047	-0.054
8131	81.30	-0.105	-0.100	-0.055	0.004	0.064	0.124	0.195	0.284	0.380	0.459
8141	81.40	0.488	0.448	0.344	0.208	0.085	0.012	0.002	0.037	0.080	0.096
8151	81.50	0.072	0.025	-0.010	0.003	0.079	0.203	0.335	0.431	0.461	0.425
8161	81.60	0.343	0.250	0.165	0.093	0.016	-0.085	-0.219	-0.373	-0.517	-0.620
8171	81.70	-0.664	-0.651	-0.602	-0.543	-0.488	-0.433	-0.363	-0.267	-0.153	-0.053
8181	81.80	-0.010	-0.060	-0.205	-0.406	-0.597	-0.705	-0.690	-0.558	-0.366	-0.192
8191	81.90	-0.102	-0.124	-0.230	-0.357	-0.435	-0.420	-0.313	-0.155	-0.007	0.081
8201	82.00	0.093	0.049	-0.005	-0.022	0.023	0.125	0.256	0.377	0.459	0.494
8211	82.10	0.493	0.477	0.460	0.447	0.428	0.387	0.314	0.214	0.103	0.009
8221	82.20	-0.043	-0.040	0.017	0.106	0.199	0.265	0.282	0.242	0.156	0.042
8231	82.30	-0.072	-0.163	-0.217	-0.234	-0.223	-0.203	-0.190	-0.193	-0.214	-0.245
8241	82.40	-0.278	-0.305	-0.324	-0.336	-0.343	-0.347	-0.343	-0.323	-0.285	-0.230
8251	82.50	-0.170	-0.120	-0.096	-0.104	-0.142	-0.195	-0.248	-0.287	-0.311	-0.328
8261	82.60	-0.350	-0.388	-0.445	-0.510	-0.562	-0.581	-0.550	-0.468	-0.347	-0.212
8271	82.70	-0.089	-0.004	0.034	0.028	-0.001	-0.026	-0.021	0.029	0.117	0.220
8281	82.80	0.299	0.316	0.257	0.125	-0.038	-0.175	-0.228	-0.165	0.010	0.257
8291	82.90	0.510	0.705	0.804	0.801	0.726	0.626	0.543	0.501	0.498	0.514
8301	83.00	0.525	0.520	0.499	0.477	0.470	0.484	0.512	0.540	0.553	0.545
8311	83.10	0.523	0.501	0.488	0.486	0.482	0.459	0.404	0.319	0.220	0.135
8321	83.20	0.088	0.086	0.117	0.150	0.154	0.108	0.014	-0.108	-0.224	-0.305
8331	83.30	-0.342	-0.340	-0.325	-0.319	-0.336	-0.371	-0.401	-0.398	-0.341	-0.226
8341	83.40	-0.071	0.088	0.212	0.269	0.246	0.158	0.034	-0.084	-0.163	-0.184
8351	83.50	-0.151	-0.088	-0.027	0.006	-0.003	-0.044	-0.094	-0.129	-0.129	-0.097
8361	83.60	-0.049	-0.017	-0.023	-0.078	-0.170	-0.273	-0.357	-0.400	-0.397	-0.362
8371	83.70	-0.317	-0.282	-0.258	-0.273	-0.291	-0.315	-0.347	-0.392	-0.454	-0.529
8381	83.80	-0.597	-0.631	-0.606	-0.513	-0.370	-0.211	-0.081	-0.007	0.006	-0.016
8391	83.90	-0.032	-0.003	0.083	0.210	0.336	0.416	0.422	0.360	0.263	0.181
8401	84.00	0.155	0.199	0.294	0.401	0.480	0.508	0.489	0.452	0.431	0.449
8411	84.10	0.505	0.576	0.626	0.628	0.574	0.480	0.379	0.303	0.276	0.297
8421	84.20	0.347	0.397	0.420	0.401	0.338	0.244	0.157	0.033	-0.056	-0.128
8431	84.30	-0.186	-0.233	-0.274	-0.310	-0.338	-0.353	-0.347	-0.314	-0.252	-0.169
8441	84.40	-0.077	0.004	0.056	0.066	0.031	-0.038	-0.127	-0.215	-0.286	-0.333
8451	84.50	-0.352	-0.346	-0.319	-0.276	-0.221	-0.163	-0.113	-0.084	-0.084	-0.114
8461	84.60	-0.164	-0.216	-0.253	-0.265	-0.252	-0.227	-0.204	-0.192	-0.187	-0.174
8471	84.70	-0.135	-0.061	0.040	0.143	0.217	0.236	0.205	0.136	0.067	0.029
8481	84.80	0.032	0.064	0.091	0.078	0.009	-0.101	-0.212	-0.273	-0.248	-0.132
8491	84.90	0.043	0.222	0.351	0.395	0.356	0.265	0.166	0.097	0.075	0.088

Table 7-17-18

TABLE OF CORRECTED ACCELERATION RECORD

NO.18

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.111	0.118	0.097	0.051	-0.004	-0.048	-0.072	-0.079	-0.080	-0.089
8511	85.10	-0.111	-0.144	-0.178	-0.201	-0.209	-0.201	-0.181	-0.150	-0.105	-0.041
8521	85.20	0.045	0.145	0.241	0.306	0.314	0.251	0.123	-0.046	-0.220	-0.366
8531	85.30	-0.465	-0.518	-0.540	-0.551	-0.565	-0.581	-0.583	-0.553	-0.478	-0.365
8541	85.40	-0.238	-0.132	-0.078	-0.093	-0.163	-0.256	-0.328	-0.345	-0.297	-0.200
8551	85.50	-0.097	-0.032	-0.039	-0.120	-0.249	-0.379	-0.463	-0.474	-0.418	-0.325
8561	85.60	-0.237	-0.189	-0.186	-0.208	-0.214	-0.169	-0.059	0.097	0.252	0.355
8571	85.70	0.371	0.302	0.185	0.078	0.033	0.073	0.186	0.325	0.436	0.479
8581	85.80	0.447	0.365	0.280	0.235	0.250	0.320	0.416	0.502	0.554	0.568
8591	85.90	0.555	0.534	0.514	0.494	0.460	0.397	0.302	0.190	0.089	0.031
8601	86.00	0.032	0.087	0.169	0.244	0.280	0.266	0.212	0.147	0.101	0.092
8611	86.10	0.122	0.173	0.222	0.248	0.243	0.215	0.179	0.150	0.136	0.135
8621	86.20	0.136	0.129	0.105	0.065	0.015	-0.037	-0.085	-0.125	-0.151	-0.160
8631	86.30	-0.148	-0.112	-0.057	-0.000	0.037	0.033	-0.022	-0.116	-0.219	-0.287
8641	86.40	-0.283	-0.194	-0.038	0.134	0.263	0.301	0.231	0.078	-0.102	-0.245
8651	86.50	-0.308	-0.280	-0.187	-0.078	0.002	0.027	0.001	-0.051	-0.098	-0.119
8661	86.60	-0.117	-0.104	-0.099	-0.104	-0.105	-0.077	-0.002	0.119	0.257	0.368
8671	86.70	0.412	0.371	0.264	0.135	0.035	-0.005	0.013	0.057	0.081	0.054
8681	86.80	-0.024	-0.119	-0.181	-0.170	-0.082	0.049	0.165	0.212	0.170	0.063
8691	86.90	-0.055	-0.122	-0.108	-0.021	0.085	0.148	0.123	0.008	-0.152	-0.288
8701	87.00	-0.341	-0.288	-0.156	-0.006	0.096	0.108	0.031	-0.099	-0.228	-0.315
8711	87.10	-0.350	-0.353	-0.363	-0.406	-0.486	-0.576	-0.636	-0.632	-0.557	-0.435
8721	87.20	-0.309	-0.224	-0.200	-0.229	-0.277	-0.303	-0.280	-0.206	-0.103	-0.003
8731	87.30	0.065	0.095	0.099	0.099	0.114	0.148	0.186	0.204	0.183	0.119
8741	87.40	0.031	-0.049	-0.069	-0.071	0.001	0.103	0.204	0.275	0.305	0.299
8751	87.50	0.275	0.254	0.250	0.263	0.283	0.297	0.290	0.259	0.207	0.146
8761	87.60	0.089	0.051	0.040	0.060	0.108	0.171	0.231	0.269	0.269	0.226
8771	87.70	0.149	0.060	-0.013	-0.048	-0.038	0.000	0.040	0.046	0.001	-0.093
8781	87.80	-0.209	-0.304	-0.340	-0.297	-0.180	-0.020	0.146	0.285	0.380	0.431
8791	87.90	0.447	0.436	0.398	0.326	0.215	0.075	-0.070	-0.182	-0.229	-0.198
8801	88.00	-0.105	0.009	0.095	0.118	0.077	0.001	-0.063	-0.075	-0.024	0.062
8811	88.10	0.131	0.129	0.031	-0.147	-0.347	-0.499	-0.545	-0.469	-0.303	-0.109
8821	88.20	0.045	0.115	0.095	0.015	-0.080	-0.151	-0.184	-0.190	-0.193	-0.212
8831	88.30	-0.249	-0.283	-0.287	-0.239	-0.140	-0.017	0.089	0.144	0.133	0.070
8841	88.40	-0.009	-0.062	-0.063	-0.010	0.074	0.149	0.184	0.164	0.101	0.022
8851	88.50	-0.039	-0.062	-0.046	-0.007	0.029	0.041	0.025	-0.011	-0.046	-0.064
8861	88.60	-0.059	-0.043	-0.037	-0.063	-0.127	-0.217	-0.302	-0.344	-0.318	-0.220
8871	88.70	-0.076	0.071	0.171	0.190	0.125	0.002	-0.133	-0.230	-0.254	-0.200
8881	88.80	-0.091	0.033	0.132	0.178	0.167	0.115	0.049	-0.008	-0.042	-0.053
8891	88.90	-0.054	-0.055	-0.066	-0.084	-0.102	-0.111	-0.102	-0.075	-0.034	0.018
8901	89.00	0.075	0.136	0.198	0.260	0.316	0.359	0.378	0.367	0.322	0.248
8911	89.10	0.155	0.057	-0.034	-0.108	-0.159	-0.187	-0.195	-0.190	-0.176	-0.155
8921	89.20	-0.125	-0.082	-0.021	0.059	0.153	0.246	0.320	0.356	0.343	0.286
8931	89.30	0.204	0.126	0.080	0.080	0.119	0.174	0.210	0.199	0.134	0.029
8941	89.40	-0.083	-0.162	-0.183	-0.140	-0.051	0.050	0.132	0.175	0.179	0.161
8951	89.50	0.142	0.139	0.156	0.185	0.213	0.225	0.213	0.173	0.103	0.002
8961	89.60	-0.130	-0.288	-0.453	-0.595	-0.677	-0.669	-0.565	-0.391	-0.199	-0.052
8971	89.70	0.003	-0.046	-0.169	-0.305	-0.389	-0.380	-0.281	-0.135	-0.007	0.046
8981	89.80	-0.000	-0.123	-0.269	-0.372	-0.389	-0.313	-0.173	-0.021	0.095	0.149
8991	89.90	0.147	0.117	0.095	0.102	0.143	0.203	0.261	0.298	0.307	0.294

Table 7-17-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.271	0.246	0.225	0.210	0.198	0.191	0.192	0.201	0.214	0.222
9011	90.10	0.214	0.185	0.139	0.092	0.065	0.070	0.110	0.164	0.206	0.209
9021	90.20	0.159	0.065	-0.050	-0.155	-0.231	-0.272	-0.291	-0.306	-0.329	-0.356
9031	90.30	-0.371	-0.351	-0.284	-0.172	-0.039	0.084	0.167	0.196	0.175	0.127
9041	90.40	0.075	0.042	0.035	0.056	0.096	0.150	0.211	0.275	0.331	0.368
9051	90.50	0.372	0.338	0.271	0.191	0.124	0.092	0.104	0.150	0.203	0.237
9061	90.60	0.233	0.191	0.128	0.065	0.019	-0.010	-0.033	-0.068	-0.122	-0.190
9071	90.70	-0.246	-0.266	-0.230	-0.146	-0.041	0.044	0.074	0.035	-0.054	-0.154
9081	90.80	-0.220	-0.219	-0.147	-0.032	0.084	0.156	0.161	0.100	0.001	-0.098
9091	90.90	-0.166	-0.188	-0.173	-0.146	-0.137	-0.168	-0.241	-0.340	-0.434	-0.489
9101	91.00	-0.478	-0.394	-0.246	-0.064	0.115	0.253	0.324	0.315	0.233	0.098
9111	91.10	-0.062	-0.219	-0.348	-0.432	-0.465	-0.449	-0.391	-0.303	-0.200	-0.099
9121	91.20	-0.018	0.029	0.031	-0.010	-0.083	-0.169	-0.239	-0.270	-0.244	-0.162
9131	91.30	-0.036	0.104	0.227	0.305	0.324	0.290	0.221	0.148	0.096	0.080
9141	91.40	0.099	0.138	0.172	0.183	0.164	0.121	0.073	0.039	0.036	0.067
9151	91.50	0.126	0.201	0.275	0.337	0.376	0.387	0.363	0.296	0.185	0.040
9161	91.60	-0.118	-0.255	-0.335	-0.334	-0.247	-0.097	0.074	0.217	0.292	0.284
9171	91.70	0.207	0.094	-0.014	-0.086	-0.109	-0.092	-0.057	-0.024	-0.010	-0.013
9181	91.80	-0.025	-0.033	-0.028	-0.007	0.021	0.045	0.054	0.042	0.010	-0.035
9191	91.90	-0.083	-0.127	-0.159	-0.176	-0.178	-0.164	-0.135	-0.091	-0.030	0.047
9201	92.00	0.138	0.232	0.313	0.360	0.355	0.290	0.172	0.026	-0.115	-0.217
9211	92.10	-0.258	-0.236	-0.169	-0.085	-0.014	0.025	0.030	0.008	-0.023	-0.049
9221	92.20	-0.060	-0.052	-0.023	0.029	0.101	0.186	0.267	0.320	0.323	0.269
9231	92.30	0.171	0.070	0.013	0.037	0.147	0.307	0.451	0.508	0.434	0.236
9241	92.40	-0.033	-0.288	-0.456	-0.498	-0.429	-0.305	-0.191	-0.133	-0.136	-0.167
9251	92.50	-0.180	-0.145	-0.066	0.019	0.059	0.019	-0.100	-0.258	-0.393	-0.456
9261	92.60	-0.433	-0.350	-0.262	-0.217	-0.237	-0.303	-0.369	-0.383	-0.320	-0.195
9271	92.70	-0.053	0.045	0.060	-0.018	-0.159	-0.311	-0.425	-0.471	-0.446	-0.369
9281	92.80	-0.265	-0.155	-0.050	0.045	0.126	0.182	0.199	0.167	0.087	-0.025
9291	92.90	-0.139	-0.228	-0.271	-0.264	-0.222	-0.164	-0.109	-0.066	-0.035	-0.012
9301	93.00	0.009	0.030	0.051	0.072	0.096	0.129	0.173	0.223	0.269	0.295
9311	93.10	0.290	0.255	0.206	0.164	0.151	0.173	0.220	0.268	0.291	0.280
9321	93.20	0.241	0.200	0.184	0.206	0.257	0.311	0.334	0.307	0.237	0.155
9331	93.30	0.103	0.112	0.186	0.296	0.394	0.432	0.384	0.260	0.102	-0.037
9341	93.40	-0.115	-0.115	-0.051	0.044	0.130	0.183	0.196	0.182	0.159	0.145
9351	93.50	0.149	0.169	0.200	0.237	0.277	0.315	0.363	0.349	0.319	0.243
9361	93.60	0.125	-0.018	-0.155	-0.254	-0.290	-0.257	-0.167	-0.044	0.083	0.188
9371	93.70	0.256	0.281	0.266	0.215	0.138	0.047	-0.039	-0.100	-0.119	-0.088
9381	93.80	-0.014	0.081	0.164	0.207	0.194	0.128	0.028	-0.079	-0.170	-0.236
9391	93.90	-0.282	-0.320	-0.363	-0.412	-0.457	-0.481	-0.468	-0.414	-0.327	-0.231
9401	94.00	-0.148	-0.099	-0.090	-0.117	-0.170	-0.239	-0.316	-0.395	-0.467	-0.519
9411	94.10	-0.534	-0.493	-0.392	-0.245	-0.081	0.060	0.144	0.157	0.111	0.042
9421	94.20	-0.010	-0.014	0.034	0.112	0.183	0.211	0.180	0.103	0.012	-0.055
9431	94.30	-0.072	-0.036	0.030	0.095	0.133	0.138	0.121	0.103	0.101	0.112
9441	94.40	0.117	0.091	0.019	-0.087	-0.192	-0.245	-0.208	-0.074	0.123	0.321
9451	94.50	0.454	0.481	0.404	0.266	0.129	0.045	0.032	0.064	0.091	0.064
9461	94.60	-0.036	-0.185	-0.325	-0.391	-0.345	-0.192	0.015	0.202	0.301	0.281
9471	94.70	0.157	-0.022	-0.195	-0.318	-0.378	-0.391	-0.384	-0.378	-0.375	-0.357
9481	94.80	-0.302	-0.200	-0.064	0.073	0.172	0.205	0.169	0.085	-0.012	-0.090
9491	94.90	-0.133	-0.144	-0.139	-0.135	-0.135	-0.134	-0.117	-0.078	-0.020	0.039

Table 7-17-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1209 S104-FU-1-4 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -10.374 (GAL) T= 23.95 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	0.077	0.083	0.060	0.029	0.017	0.044	0.110	0.195	0.263	0.282
9511	95.10	0.238	0.141	0.023	-0.078	-0.131	-0.125	-0.070	0.005	0.069	0.099
9521	95.20	0.084	0.031	-0.046	-0.127	-0.196	-0.241	-0.257	-0.245	-0.211	-0.163
9531	95.30	-0.111	-0.061	-0.014	0.033	0.089	0.156	0.227	0.284	0.302	0.259
9541	95.40	0.147	-0.016	-0.190	-0.319	-0.359	-0.289	-0.125	0.084	0.269	0.373
9551	95.50	0.368	0.266	0.114	-0.022	-0.089	-0.062	0.045	0.188	0.312	0.371
9561	95.60	0.348	0.257	0.134	0.024	-0.036	-0.032	0.032	0.133	0.243	0.336
9571	95.70	0.392	0.401	0.361	0.277	0.163	0.039	-0.066	-0.122	-0.109	-0.026
9581	95.80	0.106	0.244	0.337	0.347	0.262	0.103	-0.080	-0.227	-0.293	-0.267
9591	95.90	-0.177	-0.078	-0.027	-0.061	-0.182	-0.351	-0.509	-0.598	-0.583	-0.464
9601	96.00	-0.276	-0.066	0.117	0.239	0.291	0.277	0.213	0.115	-0.001	-0.118
9611	96.10	-0.220	-0.287	-0.305	-0.270	-0.192	-0.093	-0.002	0.058	0.078	0.069
9621	96.20	0.049	0.039	0.050	0.083	0.126	0.170	0.210	0.247	0.287	0.333
9631	96.30	0.376	0.398	0.383	0.325	0.233	0.132	0.052	0.009	-0.003	-0.007
9641	96.40	-0.040	-0.123	-0.251	-0.389	-0.487	-0.500	-0.414	-0.255	-0.077	0.055
9651	96.50	0.101	0.054	-0.050	-0.159	-0.226	-0.234	-0.200	-0.159	-0.151	-0.189
9661	96.60	-0.257	-0.318	-0.334	-0.287	-0.193	-0.090	-0.021	-0.013	-0.063	-0.139
9671	96.70	-0.200	-0.217	-0.186	-0.130	-0.083	-0.071	-0.096	-0.134	-0.149	-0.115
9681	96.80	-0.028	0.087	0.194	0.261	0.280	0.272	0.275	0.321	0.419	0.540
9691	96.90	0.637	0.659	0.585	0.432	0.254	0.117	0.072	0.129	0.257	0.392
9701	97.00	0.473	0.460	0.356	0.199	0.042	-0.070	-0.117	-0.108	-0.071	-0.034
9711	97.10	-0.014	-0.014	-0.023	-0.031	-0.035	-0.038	-0.046	-0.060	-0.073	-0.072
9721	97.20	-0.052	-0.019	0.006	-0.002	-0.063	-0.174	-0.306	-0.417	-0.462	-0.420
9731	97.30	-0.301	-0.141	0.008	0.107	0.137	0.110	0.053	-0.010	-0.064	-0.114
9741	97.40	-0.173	-0.248	-0.330	-0.394	-0.410	-0.358	-0.242	-0.089	0.060	0.167
9751	97.50	0.218	0.223	0.209	0.201	0.209	0.220	0.208	0.151	0.048	-0.079
9761	97.60	-0.188	-0.239	-0.213	-0.123	-0.010	0.080	0.109	0.073	-0.009	-0.097
9771	97.70	-0.158	-0.174	-0.154	-0.122	-0.101	-0.103	-0.120	-0.131	-0.114	-0.057
9781	97.80	0.032	0.133	0.220	0.272	0.280	0.247	0.183	0.099	0.003	-0.098
9791	97.90	-0.194	-0.274	-0.325	-0.334	-0.301	-0.233	-0.147	-0.059	0.021	0.090
9801	98.00	0.155	0.220	0.284	0.334	0.349	0.317	0.239	0.135	0.042	-0.003
9811	98.10	0.022	0.108	0.222	0.313	0.337	0.272	0.132	-0.043	-0.199	-0.295
9821	98.20	-0.315	-0.275	-0.212	-0.164	-0.156	-0.187	-0.231	-0.257	-0.243	-0.188
9831	98.30	-0.116	-0.058	-0.044	-0.080	-0.151	-0.220	-0.254	-0.233	-0.164	-0.080
9841	98.40	-0.017	-0.005	-0.045	-0.112	-0.163	-0.158	-0.076	0.069	0.238	0.382
9851	98.50	0.462	0.465	0.404	0.314	0.229	0.172	0.142	0.124	0.096	0.048
9861	98.60	-0.013	-0.064	-0.080	-0.047	0.031	0.129	0.215	0.261	0.254	0.203
9871	98.70	0.134	0.075	0.045	0.049	0.076	0.109	0.129	0.125	0.100	0.062
9881	98.80	0.023	-0.005	-0.015	-0.005	0.020	0.056	0.092	0.115	0.111	0.072
9891	98.90	-0.006	-0.114	-0.229	-0.324	-0.370	-0.348	-0.259	-0.118	0.042	0.185
9901	99.00	0.276	0.300	0.254	0.153	0.024	-0.106	-0.215	-0.287	-0.321	-0.318
9911	99.10	-0.286	-0.233	-0.165	-0.088	-0.007	0.069	0.129	0.158	0.148	0.096
9921	99.20	0.012	-0.086	-0.171	-0.220	-0.224	-0.187	-0.132	-0.087	-0.074	-0.102
9931	99.30	-0.161	-0.226	-0.264	-0.255	-0.194	-0.096	0.009	0.094	0.137	0.136

Table 7-18-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	3.466	3.150	2.318	1.221	0.174	-0.556	-0.836	-0.691	-0.266	0.250
11	0.10	0.699	0.995	1.125	1.118	0.996	0.761	0.393	-0.120	-0.748	-1.609
21	0.20	-1.984	-2.356	-2.453	-2.275	-1.895	-1.429	-0.988	-0.646	-0.419	-0.275
31	0.30	-0.157	-0.014	0.179	0.419	0.686	0.951	1.189	1.380	1.498	1.517
41	0.40	1.407	1.152	0.761	0.278	-0.217	-0.628	-0.871	-0.896	-0.706	-0.354
51	0.50	0.072	0.475	0.773	0.915	0.879	0.670	0.307	-0.183	-0.764	-1.386
61	0.60	-1.983	-2.475	-2.784	-2.854	-2.676	-2.294	-1.801	-1.317	-0.949	-0.757
71	0.70	-0.734	-0.811	-0.877	-0.827	-0.592	-0.171	0.373	0.935	1.405	1.706
81	0.80	1.811	1.749	1.582	1.383	1.206	1.077	0.998	0.957	0.950	0.986
91	0.90	1.086	1.273	1.550	1.890	2.234	2.499	2.604	2.485	2.122	1.539
101	1.00	0.796	-0.018	-0.813	-1.508	-2.041	-2.374	-2.485	-2.372	-2.045	-1.539
111	1.10	-0.909	-0.235	0.384	0.850	1.083	1.042	0.740	0.232	-0.394	-1.045
121	1.20	-1.650	-2.171	-2.602	-2.951	-3.220	-3.387	-3.407	-3.223	-2.799	-2.143
131	1.30	-1.320	-0.448	0.329	0.882	1.128	1.056	0.722	0.232	-0.292	-0.741
141	1.40	-1.042	-1.167	-1.130	-0.970	-0.742	-0.499	-0.283	-0.115	0.003	0.096
151	1.50	0.198	0.351	0.582	0.893	1.255	1.611	1.894	2.043	2.023	1.835
161	1.60	1.517	1.130	0.743	0.411	0.169	0.024	-0.043	-0.066	-0.084	-0.127
171	1.70	-0.206	-0.311	-0.406	-0.444	-0.377	-0.189	0.141	0.540	0.943	1.269
181	1.80	1.455	1.474	1.346	1.123	0.867	0.627	0.423	0.243	0.065	-0.129
191	1.90	-0.333	-0.515	-0.627	-0.628	-0.501	-0.259	0.063	0.423	0.782	1.114
201	2.00	1.396	1.592	1.654	1.522	1.153	0.557	-0.187	-0.923	-1.460	-1.623
211	2.10	-1.319	-0.574	0.465	1.567	2.495	3.070	3.221	2.990	2.496	1.879
221	2.20	1.244	0.632	0.030	-0.604	-1.288	-1.997	-2.651	-3.142	-3.375	-3.302
231	2.30	-2.942	-2.374	-1.707	-1.066	-0.464	0.012	0.391	0.697	0.947	1.142
241	2.40	1.260	1.275	1.169	0.947	0.638	0.286	-0.064	-0.384	-0.669	-0.933
251	2.50	-1.193	-1.455	-1.693	-1.856	-1.877	-1.696	-1.295	-0.708	-0.031	0.605
261	2.60	1.066	1.252	1.131	0.744	0.193	-0.395	-0.902	-1.247	-1.395	-1.351
271	2.70	-1.138	-0.783	-0.308	0.259	0.874	1.462	1.923	2.149	2.053	1.606
281	2.80	0.850	-0.105	-1.106	-1.996	-2.654	-3.015	-3.072	-2.868	-2.472	-1.954
291	2.90	-1.380	-0.801	-0.257	0.228	0.649	1.021	1.384	1.787	2.271	2.844
301	3.00	3.462	4.026	4.402	4.457	4.103	3.330	2.224	0.946	-0.298	-1.311
311	3.10	-1.948	-2.145	-1.922	-1.369	-0.615	0.204	0.970	1.592	2.011	2.191
321	3.20	2.111	1.768	1.183	0.403	-0.488	-1.380	-2.157	-2.720	-3.019	-3.064
331	3.30	-2.923	-2.696	-2.475	-2.308	-2.182	-2.026	-1.751	-1.288	-0.632	0.151
341	3.40	0.937	1.588	2.005	2.157	2.086	1.882	1.638	1.406	1.189	0.951
351	3.50	0.654	0.299	-0.058	-0.317	-0.379	-0.192	0.214	0.727	1.191	1.458
361	3.60	1.445	1.152	0.654	0.058	-0.543	-1.098	-1.606	-2.084	-2.535	-2.925
371	3.70	-3.183	-3.231	-3.018	-2.555	-1.915	-1.207	-0.541	0.013	0.439	0.758
381	3.80	1.000	1.172	1.247	1.175	0.916	0.476	-0.080	-0.642	-1.086	-1.323
391	3.90	-1.328	-1.141	-0.849	-0.542	-0.280	-0.074	0.100	0.288	0.519	0.800
401	4.00	1.114	1.436	1.746	2.038	2.314	2.568	2.777	2.898	2.887	2.711
411	4.10	2.371	1.899	1.346	0.760	0.166	-0.435	-1.054	-1.687	-2.303	-2.835
421	4.20	-3.201	-3.341	-3.245	-2.968	-2.614	-2.301	-2.112	-2.066	-2.108	-2.129
431	4.30	-2.012	-1.670	-1.079	-0.279	0.639	1.558	2.368	2.976	3.322	3.379
441	4.40	3.152	2.687	2.061	1.381	0.762	0.299	0.040	-0.024	0.043	0.147
451	4.50	0.200	0.150	-0.003	-0.218	-0.436	-0.602	-0.690	-0.694	-0.624	-0.480
461	4.60	-0.254	0.070	0.487	0.958	1.398	1.695	1.749	1.512	1.020	0.388
471	4.70	-0.222	-0.659	-0.833	-0.751	-0.509	-0.250	-0.107	-0.153	-0.375	-0.686
481	4.80	-0.964	-1.096	-1.017	-0.722	-0.256	-0.310	0.907	1.483	1.998	2.420
491	4.90	2.713	2.837	2.756	2.452	1.941	1.276	0.533	-0.197	-0.836	-1.321

Table 7-18-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-1.617	-1.712	-1.611	-1.337	-0.934	-0.465	-0.013	0.332	0.493	0.419
511	5.10	0.106	-0.402	-1.025	-1.665	-2.230	-2.652	-2.895	-2.960	-2.876	-2.686
521	5.20	-2.434	-2.157	-1.866	-1.552	-1.183	-0.723	-0.149	0.527	1.251	1.929
531	5.30	2.457	2.753	2.790	2.610	2.312	2.018	1.825	1.776	1.843	1.951
541	5.40	2.013	1.964	1.784	1.491	1.115	0.672	0.149	-0.482	-1.234	-2.068
551	5.50	-2.886	-3.545	-3.903	-3.879	-3.487	-2.844	-2.128	-1.516	-1.124	-0.972
561	5.60	-0.992	-1.068	-1.094	-1.010	-0.821	-0.573	-0.324	-0.112	0.054	0.186
571	5.70	0.294	0.373	0.400	0.353	0.240	0.111	0.049	0.144	0.552	0.963
581	5.80	1.592	2.210	2.685	2.927	2.919	2.714	2.405	2.087	1.822	1.626
591	5.90	1.474	1.326	1.152	0.940	0.702	0.454	0.206	-0.045	-0.311	-0.598
601	6.00	-0.899	-1.193	-1.446	-1.631	-1.733	-1.758	-1.715	-1.609	-1.428	-1.148
611	6.10	-0.748	-0.236	0.333	0.854	1.197	1.248	0.957	0.367	-0.383	-1.097
621	6.20	-1.575	-1.676	-1.364	-0.709	0.132	0.975	1.660	2.091	2.251	2.181
631	6.30	1.954	1.645	1.312	0.991	0.705	0.473	0.306	0.203	0.147	0.096
641	6.40	-0.006	-0.207	-0.533	-0.969	-1.464	-1.947	-2.353	-2.644	-2.814	-2.886
651	6.50	-2.891	-2.851	-2.774	-2.650	-2.469	-2.228	-1.936	-1.614	-1.280	-0.941
661	6.60	-0.595	-0.231	0.159	0.574	1.005	1.443	1.880	2.309	2.713	3.056
671	6.70	3.277	3.307	3.093	2.640	2.025	1.393	0.916	0.733	0.884	1.292
681	6.80	1.778	2.122	2.146	1.775	1.059	0.149	-0.772	-1.551	-2.110	-2.449
691	6.90	-2.610	-2.635	-2.540	-2.309	-1.930	-1.425	-0.870	-0.379	-0.062	0.026
701	7.00	-0.090	-0.306	-0.493	-0.550	-0.452	-0.259	-0.082	-0.023	-0.119	-0.325
711	7.10	-0.531	-0.620	-0.524	-0.259	0.080	0.367	0.506	0.475	0.340	0.225
721	7.20	0.257	0.515	0.995	1.615	2.252	2.781	3.117	3.225	3.119	2.835
731	7.30	2.417	1.907	1.345	0.780	0.271	-0.121	-0.352	-0.410	-0.335	-0.208
741	7.40	-0.131	-0.193	-0.443	-0.867	-1.397	-1.933	-2.372	-2.645	-2.727	-2.643
751	7.50	-2.448	-2.205	-1.959	-1.732	-1.517	-1.296	-1.052	-0.781	-0.496	-0.223
761	7.60	0.013	0.197	0.326	0.411	0.465	0.497	0.511	0.505	0.482	0.461
771	7.70	0.475	0.570	0.787	1.150	1.650	2.238	2.838	3.358	3.709	3.826
781	7.80	3.672	3.249	2.587	1.740	0.778	-0.216	-1.164	-1.991	-2.644	-3.090
791	7.90	-3.328	-3.379	-3.281	-3.077	-2.805	-2.489	-2.143	-1.774	-1.397	-1.032
801	8.00	-0.713	-0.481	-0.374	-0.411	-0.587	-0.865	-1.177	-1.441	-1.570	-1.499
811	8.10	-1.195	-0.674	-0.001	0.728	1.397	1.906	2.184	2.211	2.015	1.659
821	8.20	1.226	0.790	0.406	0.096	-0.136	-0.303	-0.416	-0.476	-0.473	-0.390
831	8.30	-0.213	0.056	0.394	0.760	1.101	1.366	1.520	1.555	1.489	1.360
841	8.40	1.210	1.071	0.955	0.852	0.734	0.574	0.356	0.086	-0.207	-0.488
851	8.50	-0.725	-0.904	-1.032	-1.132	-1.227	-1.324	-1.409	-1.448	-1.403	-1.249
861	8.60	-0.985	-0.641	-0.261	0.111	0.455	0.777	1.109	1.491	1.945	2.461
871	8.70	2.985	3.432	3.703	3.710	3.398	2.757	1.823	0.676	-0.574	-1.801
881	8.80	-2.880	-3.709	-4.221	-4.403	-4.297	-3.990	-3.589	-3.195	-2.867	-2.611
891	8.90	-2.385	-2.119	-1.752	-1.262	-0.678	-0.075	0.457	0.846	1.069	1.155
901	9.00	1.176	1.205	1.292	1.433	1.579	1.656	1.602	1.397	1.079	0.730
911	9.10	0.450	0.317	0.362	0.554	0.818	1.063	1.210	1.222	1.107	0.910
921	9.20	0.693	0.518	0.425	0.433	0.539	0.722	0.952	1.190	1.394	1.522
931	9.30	1.546	1.457	1.269	1.018	0.750	0.699	0.278	0.071	-0.158	-0.442
941	9.40	-0.789	-1.172	-1.533	-1.805	-1.944	-1.954	-1.883	-1.804	-1.776	-1.806
951	9.50	-1.835	-1.757	-1.461	-0.894	-0.096	0.793	1.576	2.067	2.158	1.864
961	9.60	1.312	0.685	0.153	-0.202	-0.401	-0.548	-0.766	-1.129	-1.617	-2.123
971	9.70	-2.495	-2.608	-2.418	-1.980	-1.426	-0.902	-0.512	-0.279	-0.152	-0.040
981	9.80	0.132	0.391	0.703	0.999	1.214	1.322	1.347	1.346	1.376	1.465
991	9.90	1.592	1.702	1.734	1.648	1.444	1.155	0.832	0.511	0.207	-0.090

Table 7-18-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 36.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.393	-0.705	-0.999	-1.228	-1.338	-1.294	-1.093	-0.769	-0.351	0.007
1011	10.10	0.345	0.603	0.770	0.847	0.833	0.727	0.527	0.237	-0.127	-0.535
1021	10.20	-0.952	-1.342	-1.678	-1.939	-2.118	-2.207	-2.202	-2.100	-1.898	-1.598
1031	10.30	-1.211	-0.751	-0.241	0.292	0.812	1.279	1.644	1.865	1.906	1.761
1041	10.40	1.451	1.030	0.573	0.154	-0.168	-0.366	-0.446	-0.440	-0.390	-0.333
1051	10.50	-0.293	-0.273	-0.262	-0.247	-0.212	-0.151	-0.058	0.069	0.238	0.455
1061	10.60	0.731	1.066	1.557	1.841	2.198	2.453	2.546	2.455	2.114	1.617
1071	10.70	1.015	0.400	-0.142	-0.553	-0.818	-0.963	-1.039	-1.096	-1.162	-1.233
1081	10.80	-1.276	-1.250	-1.127	-0.905	-0.611	-0.290	0.015	0.274	0.481	0.640
1091	10.90	0.756	0.821	0.816	0.721	0.525	0.243	-0.086	-0.408	-0.672	-0.849
1101	11.00	-0.935	-0.947	-0.913	-0.850	-0.761	-0.637	-0.468	-0.254	-0.008	0.244
1111	11.10	0.477	0.677	0.840	0.974	1.081	1.148	1.145	1.036	0.793	0.416
1121	11.20	-0.070	-0.599	-1.099	-1.506	-1.775	-1.893	-1.872	-1.740	-1.530	-1.278
1131	11.30	-1.015	-0.772	-0.571	-0.426	-0.328	-0.269	-0.150	0.011	0.255	0.570
1141	11.40	0.915	1.226	1.446	1.539	1.508	1.386	1.224	1.065	0.928	0.809
1151	11.50	0.682	0.526	0.336	0.130	-0.056	-0.183	0.231	-0.200	-0.113	-0.002
1161	11.60	0.105	0.191	0.252	0.284	0.279	0.221	0.094	-0.103	-0.341	-0.559
1171	11.70	-0.677	-0.626	-0.377	0.037	0.522	0.952	1.214	1.251	1.081	0.798
1181	11.80	0.526	0.376	0.395	0.551	0.745	0.849	0.764	0.451	-0.056	-0.661
1191	11.90	-1.251	-1.729	-2.039	-2.173	-2.156	-2.021	-1.803	-1.526	-1.215	-0.900
1201	12.00	-0.620	-0.415	-0.308	-0.298	-0.354	-0.430	-0.482	-0.486	-0.447	-0.387
1211	12.10	-0.329	-0.282	-0.230	-0.148	-0.015	0.167	0.367	0.538	0.643	0.672
1221	12.20	0.649	0.621	0.632	0.692	0.774	0.821	0.782	0.645	0.450	0.279
1231	12.30	0.222	0.332	0.591	0.914	1.180	1.281	1.172	0.891	0.543	0.257
1241	12.40	0.134	0.207	0.438	0.733	0.992	1.143	1.162	1.075	0.932	0.779
1251	12.50	0.638	0.504	0.355	0.168	-0.067	-0.342	-0.640	-0.939	-1.226	-1.497
1261	12.60	-1.753	-1.998	-2.232	-2.452	-2.651	-2.820	-2.952	-3.036	-3.058	-3.003
1271	12.70	-2.853	-2.595	-2.224	-1.751	-1.199	-0.605	-0.013	0.532	0.992	1.341
1281	12.80	1.572	1.702	1.762	1.792	1.822	1.860	1.885	1.853	1.720	1.462
1291	12.90	1.098	0.692	0.338	0.125	0.099	0.248	0.496	0.740	0.885	0.886
1301	13.00	0.763	0.589	0.455	0.432	0.535	0.724	0.925	1.060	1.082	0.986
1311	13.10	0.803	0.578	0.342	0.103	-0.149	-0.424	-0.713	-0.977	-1.159	-1.205
1321	13.20	-1.088	-0.826	-0.479	-0.130	0.139	0.277	0.270	0.140	-0.067	-0.300
1331	13.30	-0.511	-0.663	-0.726	-0.675	-0.495	-0.183	0.240	0.729	1.217	1.629
1341	13.40	1.899	1.935	1.880	1.605	1.204	0.731	0.235	-0.244	-0.688	-1.079
1351	13.50	-1.421	-1.720	-1.988	-2.233	-2.452	-2.633	-2.748	-2.762	-2.643	-2.372
1361	13.60	-1.959	-1.439	-0.865	-0.302	0.197	0.599	0.895	1.097	1.227	1.306
1371	13.70	1.345	1.347	1.312	1.239	1.138	1.031	0.941	0.892	0.895	0.945
1381	13.80	1.019	1.081	1.094	1.027	0.860	0.591	0.228	-0.213	-0.705	-1.216
1391	13.90	-1.701	-2.104	-2.360	-2.406	-2.198	-1.733	-1.056	-0.259	0.539	1.225
1401	14.00	1.723	2.014	2.133	2.150	2.134	2.123	2.113	2.065	1.933	1.694
1411	14.10	1.365	0.999	0.660	0.393	0.199	0.034	-0.162	-0.440	-0.805	-1.203
1421	14.20	-1.562	-1.804	-1.893	-1.850	-1.737	-1.627	-1.556	-1.509	-1.418	-1.201
1431	14.30	-0.801	-0.225	0.449	1.104	1.620	1.920	1.992	1.878	1.645	1.352
1441	14.40	1.023	0.651	0.218	-0.278	-0.804	-1.298	-1.685	-1.910	-1.953	-1.841
1451	14.50	-1.624	-1.360	-1.089	-0.826	-0.568	-0.308	-0.050	0.190	0.387	0.517
1461	14.60	0.571	0.555	0.487	0.388	0.275	0.161	0.054	-0.035	-0.096	-0.119
1471	14.70	-0.104	-0.055	0.015	0.093	0.174	0.258	0.343	0.416	0.447	0.397
1481	14.80	0.232	-0.044	-0.382	-0.686	-0.844	-0.763	-0.416	0.147	0.811	1.436
1491	14.90	1.907	2.168	2.234	2.164	2.021	1.835	1.591	1.249	0.777	0.183

Table 7-18-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.471	-1.091	-1.589	-1.921	-2.104	-2.200	-2.274	-2.349	-2.385	-2.292
1511	15.10	-1.974	-1.388	-0.580	0.314	1.106	1.625	1.776	1.575	1.133	0.614
1521	15.20	0.168	-0.113	-0.215	-0.188	-0.104	-0.022	0.038	0.097	0.196	0.378
1531	15.30	0.662	1.041	1.486	1.957	2.411	2.805	3.097	3.245	3.212	2.978
1541	15.40	2.546	1.951	1.250	0.509	-0.213	-0.851	-1.485	-2.029	-2.516	-2.936
1551	15.50	-3.254	-3.427	-3.410	-3.186	-2.772	-2.227	-1.636	-1.093	-0.676	-0.435
1561	15.60	-0.380	-0.488	-0.710	-0.982	-1.243	-1.440	-1.536	-1.512	-1.370	-1.128
1571	15.70	-0.818	-0.474	-0.132	0.179	0.439	0.631	0.739	0.746	0.632	0.386
1581	15.80	0.016	-0.446	-0.936	-1.374	-1.675	-1.778	-1.659	-1.341	-0.884	-0.370
1591	15.90	0.125	0.542	0.851	1.043	1.126	1.107	0.997	0.811	0.575	0.326
1601	16.00	0.110	-0.034	-0.088	-0.062	0.010	0.088	0.147	0.194	0.264	0.405
1611	16.10	0.649	0.993	1.388	1.752	2.000	2.068	1.936	1.622	1.161	0.588
1621	16.20	-0.079	-0.833	-1.656	-2.501	-3.279	-3.876	-4.182	-4.131	-3.724	-3.029
1631	16.30	-2.151	-1.199	-0.247	0.664	1.516	2.284	2.912	3.320	3.437	3.238
1641	16.40	2.780	2.197	1.659	1.315	1.228	1.358	1.581	1.755	1.787	1.676
1651	16.50	1.508	1.408	1.471	1.706	2.027	2.293	2.379	2.238	1.931	1.598
1661	16.60	1.394	1.417	1.662	2.025	2.352	2.511	2.447	2.198	1.862	1.543
1671	16.70	1.294	1.096	0.873	0.542	0.061	-0.540	-1.170	-1.709	-2.065	-2.203
1681	16.80	-2.156	-1.996	-1.802	-1.617	-1.447	-1.265	-1.041	-0.775	-0.500	-0.278
1691	16.90	-0.175	-0.236	-0.464	-0.824	-1.253	-1.683	-2.053	-2.319	-2.461	-2.480
1701	17.00	-2.395	-2.247	-2.094	-1.999	-2.015	-2.163	-2.440	-2.771	-3.076	-3.267
1711	17.10	-3.280	-3.089	-2.706	-2.166	-1.506	-0.750	0.087	0.989	1.918	2.804
1721	17.20	3.545	4.035	4.188	3.966	3.399	2.570	1.593	0.590	-0.338	-1.121
1731	17.30	-1.709	-2.073	-2.193	-2.062	-1.698	-1.155	-0.523	0.083	0.549	0.794
1741	17.40	0.792	0.577	0.228	-0.162	-0.516	-0.794	-0.996	-1.145	-1.259	-1.334
1751	17.50	-1.334	-1.206	-0.901	-0.408	0.229	0.920	1.543	1.985	2.175	2.106
1761	17.60	1.833	1.450	1.054	0.710	0.433	0.189	-0.079	-0.418	-0.831	-1.269
1771	17.70	-1.639	-1.839	-1.802	-1.525	-1.081	-0.598	-0.222	-0.069	-0.185	-0.543
1781	17.80	-1.049	-1.584	-2.037	-2.331	-2.434	-2.344	-2.074	-1.639	-1.057	-0.356
1791	17.90	0.407	1.147	1.763	2.166	2.311	2.216	1.959	1.652	1.399	1.261
1801	18.00	1.241	1.293	1.358	1.394	1.405	1.434	1.539	1.755	2.068	2.410
1811	18.10	2.675	2.765	2.620	2.237	1.672	1.008	0.329	-0.305	-0.861	-1.320
1821	18.20	-1.663	-1.861	-1.878	-1.692	-1.320	-0.825	-0.309	0.116	0.363	0.406
1831	18.30	0.285	0.096	-0.048	-0.058	0.096	0.379	0.697	0.936	0.998	0.832
1841	18.40	0.453	-0.058	-0.582	-0.986	-1.170	-1.090	-0.780	-0.346	0.069	0.304
1851	18.50	0.247	-0.140	-0.807	-1.629	-2.445	-3.105	-3.506	-3.612	-3.447	-3.072
1861	18.60	-2.546	-1.915	-1.200	-0.407	0.447	1.329	2.186	2.959	3.601	4.095
1871	18.70	4.448	4.691	4.852	4.948	4.979	4.932	4.801	4.592	4.326	4.032
1881	18.80	3.730	3.425	3.106	2.757	2.371	1.962	1.561	1.205	0.916	0.687
1891	18.90	0.481	0.243	-0.080	-0.518	-1.071	-1.713	-2.406	-3.116	-3.818	-4.491
1901	19.00	-5.111	-5.638	-6.024	-6.221	-6.205	-5.991	-5.639	-5.231	-4.849	-4.542
1911	19.10	-4.302	-4.077	-3.784	-3.352	-2.754	-2.020	-1.240	-0.532	-0.014	0.238
1921	19.20	0.204	-0.067	-0.481	-0.920	-1.277	-1.488	-1.542	-1.482	-1.388	-1.343
1931	19.30	-1.400	-1.563	-1.784	-1.979	-2.065	-1.996	-1.783	-1.493	-1.222	-1.057
1941	19.40	-1.042	-1.157	-1.334	-1.479	-1.509	-1.380	-1.088	-0.656	-0.116	0.511
1951	19.50	1.215	1.987	2.812	3.660	4.498	5.310	6.116	6.968	7.929	9.034
1961	19.60	10.251	11.474	12.545	13.305	13.659	13.613	13.275	12.805	12.349	11.978
1971	19.70	11.657	11.274	10.700	9.850	8.736	7.455	6.146	4.928	3.851	2.879
1981	19.80	1.921	0.887	-0.269	-1.526	-2.818	-4.074	-5.263	-6.411	-7.580	-8.827
1991	19.90	-10.161	-11.519	-12.784	-13.826	-14.556	-14.961	-15.100	-15.076	-14.983	-14.869

Table 7-18-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) I= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-14.724	-14.499	-14.140	-13.626	-12.984	-12.277	-11.585	-10.965	-10.440	-9.996
2011	20.10	-9.597	-9.205	-8.787	-8.327	-7.815	-7.248	-6.630	-5.978	-5.327	-4.725
2021	20.20	-4.223	-3.848	-3.593	-3.411	-3.229	-2.974	-2.599	-2.091	-1.465	-0.745
2031	20.30	0.062	0.969	2.002	3.174	4.467	5.526	7.177	8.465	9.688	10.901
2041	20.40	12.200	13.665	15.308	17.041	18.686	20.031	20.901	21.233	21.098	20.677
2051	20.50	20.200	19.860	19.754	19.867	20.090	20.275	20.290	20.050	19.520	18.698
2061	20.60	17.588	16.188	14.497	12.530	10.341	8.028	5.717	3.539	1.597	-0.044
2071	20.70	-1.363	-2.371	-3.096	-3.583	-3.896	-4.127	-4.400	-4.856	-5.621	-6.773
2081	20.80	-8.312	-10.161	-12.189	-14.248	-16.223	-18.052	-19.728	-21.277	-22.728	-24.089
2091	20.90	-25.334	-26.421	-27.303	-27.944	-28.329	-28.451	-28.303	-27.877	-27.168	-26.190
2101	21.00	-24.983	-23.616	-22.169	-20.705	-19.246	-17.769	-16.219	-14.540	-12.716	-10.780
2111	21.10	-8.813	-6.908	-5.129	-3.477	-1.889	-0.259	1.517	3.505	5.704	8.053
2121	21.20	10.460	12.830	15.095	17.219	19.190	21.004	22.652	24.126	25.615	26.522
2131	21.30	27.455	28.221	28.804	29.163	29.234	28.961	28.326	27.367	26.173	24.860
2141	21.40	23.517	22.168	20.764	19.207	17.403	15.324	13.045	10.732	8.595	6.811
2151	21.50	5.453	4.465	3.680	2.881	1.886	0.608	-0.915	-2.540	-4.070	-5.320
2161	21.60	-6.167	-6.578	-6.604	-6.362	-6.001	-5.675	-5.508	-5.579	-5.902	-6.419
2171	21.70	-7.010	-7.530	-7.844	-7.885	-7.678	-7.342	-7.048	-6.964	-7.186	-7.710
2181	21.80	-8.434	-9.212	-9.921	-10.518	-11.060	-11.672	-12.482	-13.555	-14.853	-16.239
2191	21.90	-17.536	-18.598	-19.371	-19.911	-20.353	-20.844	-21.474	-22.235	-23.024	-23.686
2201	22.00	-24.076	-24.104	-23.749	-23.035	-21.990	-20.611	-18.854	-16.660	-14.001	-10.918
2211	22.10	-7.534	-4.031	-0.598	2.626	5.588	8.325	10.928	13.489	16.061	18.629
2221	22.20	21.128	23.468	25.573	27.402	28.956	30.257	31.327	32.173	32.784	33.143
2231	22.30	33.245	33.106	32.761	32.255	31.617	30.851	29.927	28.791	27.381	25.649
2241	22.40	23.580	21.199	18.568	15.779	12.928	10.096	7.326	4.613	1.903	-0.888
2251	22.50	-3.844	-7.014	-10.389	-13.888	-17.375	-20.687	-23.670	-26.210	-28.243	-29.757
2261	22.60	-30.774	-31.335	-31.492	-31.307	-30.845	-30.173	-29.333	-28.321	-27.063	-25.523
2271	22.70	-23.226	-20.323	-16.653	-12.292	-7.463	-2.495	2.249	6.461	9.949	12.661
2281	22.80	14.652	16.024	16.862	17.185	16.952	16.091	14.562	12.408	9.772	6.883
2291	22.90	4.003	1.365	-0.886	-2.720	-4.219	-5.542	-6.869	-8.353	-10.076	-12.038
2301	23.00	-14.155	-16.292	-18.296	-20.026	-21.379	-22.291	-22.727	-22.660	-22.044	-20.813
2311	23.10	-18.886	-16.198	-12.741	-8.591	-3.921	1.017	5.940	10.582	14.748	18.334
2321	23.20	21.320	23.732	25.606	26.950	27.739	27.935	27.532	26.589	25.254	23.253
2331	23.30	22.348	21.274	20.683	20.607	20.956	21.552	22.176	22.626	22.761	22.516
2341	23.40	21.890	20.928	19.680	18.174	16.405	14.335	11.910	9.085	5.868	2.246
2351	23.50	-1.612	-5.558	-9.386	-12.886	-15.884	-18.268	-20.016	-21.186	-21.894	-22.273
2361	23.60	-22.430	-22.418	-22.221	-21.776	-21.010	-19.878	-18.406	-16.698	-14.930	-13.305
2371	23.70	-12.007	-11.146	-10.728	-10.643	-10.687	-10.605	-10.154	-9.161	-7.570	-5.461
2381	23.80	-3.032	-0.559	1.671	3.627	4.577	5.114	5.129	4.774	4.196	3.493
2391	23.90	2.685	1.723	0.526	-0.975	-2.785	-4.827	-6.947	-8.946	-10.629	-11.862
2401	24.00	-12.600	-12.906	-12.929	-12.863	-12.892	-13.129	-13.583	-14.144	-14.609	-14.735
2411	24.10	-14.305	-13.191	-11.400	-9.063	-6.407	-3.686	-1.119	1.166	3.138	4.869
2421	24.20	6.389	7.841	9.262	10.675	12.101	13.577	15.178	16.999	19.119	21.557
2431	24.30	24.234	26.973	29.527	31.645	33.137	33.916	34.015	33.554	32.685	31.536
2441	24.40	30.170	28.578	26.698	24.455	21.804	18.750	15.357	11.734	8.010	4.318
2451	24.50	0.771	-2.547	-5.593	-8.364	-10.900	-13.267	-15.538	-17.749	-19.875	-21.805
2461	24.60	-23.357	-24.314	-24.490	-23.781	-22.208	-19.905	-17.084	-13.970	-10.751	-7.553
2471	24.70	-4.450	-1.512	1.163	3.426	5.107	6.072	6.286	5.857	5.020	4.066
2481	24.80	3.248	2.682	2.304	1.890	1.148	-0.169	-2.165	-4.752	-7.676	-10.600
2491	24.90	-13.206	-15.282	-16.758	-17.694	-18.220	-18.474	-18.553	-18.495	-18.303	-17.965

Table 7-18-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) I= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-17.491	-16.917	-16.297	-15.676	-15.068	-14.445	-13.744	-12.876	-11.760	-10.338
2511	25.10	-8.592	-6.548	-4.280	-1.899	0.454	2.632	4.504	5.986	7.061	7.796
2521	25.20	8.327	8.825	9.450	10.301	11.377	12.572	13.698	14.535	14.898	14.693
2531	25.30	13.949	12.815	11.530	10.360	9.562	9.234	9.489	10.265	11.446	12.881
2541	25.40	14.416	15.915	17.260	18.347	19.074	19.337	19.043	18.125	16.573	14.454
2551	25.50	11.918	9.185	6.512	4.148	2.288	1.031	0.374	0.210	0.366	0.644
2561	25.60	0.869	0.920	0.749	0.370	-0.163	-0.790	-1.476	-2.225	-3.080	-4.107
2571	25.70	-5.372	-6.915	-8.733	-10.772	-12.930	-15.074	-17.055	-18.733	-20.003	-20.807
2581	25.80	-21.152	-21.104	-20.774	-20.290	-19.766	-19.273	-18.829	-18.401	-17.930	-17.356
2591	25.90	-16.637	-15.766	-14.754	-13.618	-12.362	-10.963	-9.382	-7.578	-5.525	-3.225
2601	26.00	-0.707	1.984	4.804	7.720	10.703	13.714	16.687	19.516	22.053	24.147
2611	26.10	25.661	26.521	26.740	26.415	25.711	24.817	23.896	23.046	22.279	21.528
2621	26.20	20.673	19.593	18.208	16.518	14.602	12.596	10.641	8.828	7.150	5.495
2631	26.30	3.675	1.489	-1.202	-4.411	-8.005	-11.729	-15.272	-18.352	-20.791	-22.548
2641	26.40	-23.709	-24.433	-24.876	-25.129	-25.175	-24.902	-24.134	-22.699	-20.484	-17.481
2651	26.50	-13.792	-9.621	-5.229	-0.897	3.120	6.620	9.470	11.604	13.021	13.765
2661	26.60	13.917	13.582	12.870	11.896	10.763	9.558	8.349	7.182	6.083	5.061
2671	26.70	4.112	3.214	2.335	1.430	0.453	-0.633	-1.843	-3.156	-4.521	-5.873
2681	26.80	-7.148	-8.315	-9.378	-10.370	-11.322	-12.228	-13.017	-13.554	-13.669	-13.213
2691	26.90	-12.112	-10.405	-8.241	-5.841	-3.443	-1.245	0.625	2.110	3.194	3.873
2701	27.00	4.138	3.982	3.428	2.551	1.487	0.410	-0.511	-1.165	-1.519	-1.616
2711	27.10	-1.531	-1.320	-0.986	-0.471	0.311	1.420	2.842	4.476	6.153	7.695
2721	27.20	8.967	9.926	10.616	11.134	11.575	11.981	12.318	12.486	12.358	11.830
2731	27.30	10.854	9.461	7.743	5.827	3.849	1.923	0.141	-1.427	-2.725	-3.699
2741	27.40	-4.306	-4.526	-4.378	-3.934	-3.321	-2.705	-2.260	-2.135	-2.413	-3.095
2751	27.50	-4.103	-5.298	-6.521	-7.621	-8.481	-9.024	-9.201	-8.980	-8.337	-7.260
2761	27.60	-5.760	-3.892	-1.754	0.518	2.776	4.891	6.775	8.388	9.729	10.815
2771	27.70	11.664	12.283	12.669	12.816	12.713	12.343	11.673	10.651	9.216	7.328
2781	27.80	5.002	2.326	-0.534	-3.375	-6.010	-8.315	-10.256	-11.870	-13.208	-14.285
2791	27.90	-15.042	-15.368	-15.154	-14.380	-13.159	-11.737	-10.414	-9.436	-8.883	-8.622
2801	28.00	-8.338	-7.668	-6.238	-3.986	-1.005	2.397	5.830	8.941	11.511	13.474
2811	28.10	14.877	15.801	16.288	16.313	15.805	14.712	13.060	10.989	8.735	6.575
2821	28.20	4.751	3.415	2.596	2.221	2.161	2.277	2.457	2.636	2.783	2.881
2831	28.30	2.920	2.881	2.743	2.481	2.072	1.484	0.670	-0.426	-1.855	-3.640
2841	28.40	-5.743	-8.054	-10.397	-12.566	-14.381	-15.735	-16.628	-17.158	-17.480	-17.744
2851	28.50	-18.036	-18.346	-18.576	-18.579	-18.218	-17.419	-16.193	-14.633	-12.874	-11.047
2861	28.60	-9.249	-7.524	-5.871	-4.262	-2.665	-1.050	0.608	2.326	4.128	6.022
2871	28.70	7.995	9.995	11.939	13.723	15.247	16.442	17.282	17.777	17.954	17.841
2881	28.80	17.446	16.766	15.800	14.567	13.112	11.500	9.801	8.072	6.359	4.716
2891	28.90	3.229	2.037	1.325	1.272	1.992	3.461	5.486	7.726	9.767	11.232
2901	29.00	11.875	11.644	10.674	9.221	7.574	5.972	4.550	3.343	2.315	1.409
2911	29.10	0.575	-0.213	-0.971	-1.727	-2.525	-3.421	-4.459	-5.646	-6.940	-8.259
2921	29.20	-9.500	-10.577	-11.445	-12.109	-12.617	-13.039	-13.446	-13.892	-14.406	-14.997
2931	29.30	-15.650	-16.333	-16.994	-17.564	-17.961	-18.098	-17.901	-17.315	-16.319	-14.920
2941	29.40	-13.152	-11.066	-8.730	-6.219	-3.619	-1.021	1.485	3.820	5.922	7.755
2951	29.50	9.306	10.576	11.579	12.332	12.859	13.197	13.400	13.534	13.670	13.855
2961	29.60	14.094	14.336	14.374	14.374	13.910	13.003	11.653	9.942	8.017	6.050
2971	29.70	4.197	2.558	1.166	-0.004	-1.008	-1.899	-2.696	-3.378	-3.898	-4.203
2981	29.80	-4.270	-4.126	-3.839	-3.509	-3.228	-3.048	-2.969	-2.942	-2.896	-2.768
2991	29.90	-2.539	-2.237	-1.931	-1.695	-1.580	-1.589	-1.675	-1.760	-1.771	-1.662

Table 7-18-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-1.436	-1.135	-0.816	-0.526	-0.281	-0.062	0.167	0.436	0.746	1.063
3011	30.10	1.326	1.468	1.447	1.253	0.919	0.497	0.041	-0.419	-0.879	-1.364
3021	30.20	-1.907	-2.531	-3.234	-3.981	-4.717	-5.372	-5.880	-6.191	-6.275	-6.124
3031	30.30	-5.753	-5.194	-4.490	-3.689	-2.835	-1.960	-1.079	-0.195	0.695	1.584
3041	30.40	2.445	3.231	3.884	4.363	4.659	4.817	4.928	5.103	5.431	5.951
3051	30.50	6.620	7.330	7.934	8.298	8.341	8.058	7.519	6.841	6.152	5.559
3061	30.60	5.129	4.894	4.854	4.990	5.263	5.615	5.960	6.202	6.251	6.054
3071	30.70	5.622	5.028	4.387	3.805	3.332	2.929	2.474	1.798	0.754	-0.730
3081	30.80	-2.616	-4.776	-7.033	-9.228	-11.268	-13.142	-14.898	-16.593	-18.248	-19.810
3091	30.90	-21.158	-22.132	-22.582	-22.406	-21.583	-20.166	-18.272	-16.048	-13.646	-11.192
3101	31.00	-8.769	-6.410	-4.101	-1.794	0.559	2.980	5.433	7.821	10.006	11.851
3111	31.10	13.265	14.239	14.843	15.192	15.386	15.456	15.344	14.920	14.050	12.667
3121	31.20	10.823	8.703	6.569	4.683	3.217	2.205	1.540	1.033	0.493	-0.200
3131	31.30	-1.056	-1.984	-2.841	-3.494	-3.873	-3.988	-3.917	-3.765	-3.624	-3.539
3141	31.40	-3.497	-3.438	-3.283	-2.963	-2.452	-1.775	-1.015	-0.283	0.307	0.680
3151	31.50	0.835	0.844	0.852	1.003	1.414	2.108	3.010	3.962	4.789	5.359
3161	31.60	5.636	5.688	5.650	5.664	5.811	6.079	6.372	6.564	6.562	6.349
3171	31.70	5.999	5.630	5.346	5.171	5.033	4.779	4.241	3.308	1.973	0.347
3181	31.80	-1.389	-3.044	-4.485	-5.667	-6.634	-7.470	-8.252	-9.006	-9.703	-10.275
3191	31.90	-10.660	-10.834	-10.825	-10.701	-10.536	-10.371	-10.196	-9.950	-9.546	-8.902
3201	32.00	-7.972	-6.754	-5.289	-3.637	-1.859	-0.005	1.887	3.780	5.635	7.398
3211	32.10	9.011	10.413	11.553	12.387	12.874	12.972	12.638	11.837	10.562	8.851
3221	32.20	6.803	4.559	2.283	0.118	-1.848	-3.602	-5.193	-6.701	-8.194	-9.686
3231	32.30	-11.117	-12.364	-13.267	-13.673	-13.472	-12.627	-11.174	-9.220	-6.924	-4.467
3241	32.40	-2.036	0.221	2.191	3.839	5.191	6.321	7.313	8.226	9.054	9.722
3251	32.50	10.110	10.091	9.582	8.582	7.172	5.485	3.662	1.808	-0.032	-1.851
3261	32.60	-3.651	-5.397	-7.004	-8.342	-9.283	-9.748	-9.738	-9.336	-8.670	-7.862
3271	32.70	-6.980	-6.027	-4.957	-3.718	-2.301	-0.756	0.820	2.322	3.676	4.869
3281	32.80	5.939	6.940	7.903	8.801	9.552	10.048	10.197	9.956	9.345	8.431
3291	32.90	7.294	6.006	4.617	3.168	1.706	0.302	-0.959	-1.995	-2.757	-3.241
3301	33.00	-3.485	-3.538	-3.426	-3.141	-2.648	-1.928	-1.019	-0.040	0.820	1.364
3311	33.10	1.450	1.055	0.283	-0.675	-1.621	-2.426	-3.075	-3.657	-4.303	-5.105
3321	33.20	-6.060	-7.049	-7.886	-8.383	-8.420	-7.978	-7.128	-5.984	-4.652	-3.198
3331	33.30	-1.651	-0.035	1.602	3.168	4.553	5.665	6.478	7.046	7.491	7.947
3341	33.40	8.506	9.169	9.861	10.452	10.813	10.869	10.618	10.118	9.451	8.690
3351	33.50	7.875	7.017	6.109	5.146	4.129	3.063	1.961	0.740	-0.565	-1.981
3361	33.60	-3.474	-4.955	-6.310	-7.430	-8.258	-8.814	-9.183	-9.473	-9.758	-10.032
3371	33.70	-10.202	-10.120	-9.649	-8.727	-7.402	-5.830	-4.221	-2.772	-1.610	-0.762
3381	33.80	-0.169	0.271	0.660	1.060	1.490	1.936	2.381	2.820	3.264	3.727
3391	33.90	4.207	4.682	5.107	5.438	5.646	5.737	5.745	5.714	5.681	5.649
3401	34.00	5.587	5.440	5.149	4.672	3.998	3.147	2.156	1.064	-0.096	-1.307
3411	34.10	-2.550	-3.797	-5.000	-6.087	-6.977	-7.596	-7.901	-7.897	-7.635	-7.198
3421	34.20	-6.673	-6.127	-5.580	-5.006	-4.345	-3.536	-2.550	-1.411	-0.203	0.956
3431	34.30	1.944	2.679	3.140	3.374	3.466	3.507	3.556	3.617	3.646	3.575
3441	34.40	3.346	2.954	2.403	1.796	1.207	0.702	0.310	0.027	-0.176	-0.328
3451	34.50	-0.446	-0.534	-0.600	-0.664	-0.771	-0.985	-1.362	-1.934	-2.683	-3.551
3461	34.60	-4.456	-5.321	-6.101	-6.788	-7.402	-7.965	-8.474	-8.890	-9.149	-9.194
3471	34.70	-9.000	-8.595	-8.054	-7.467	-6.897	-6.352	-5.775	-5.071	-4.150	-2.972
3481	34.80	-1.570	-0.048	1.461	2.843	4.049	5.109	6.118	7.192	8.415	9.802
3491	34.90	11.284	12.726	13.963	14.847	15.275	15.211	14.685	13.773	12.588	11.252

Table 7-18-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	9.891	8.613	7.501	6.599	5.898	5.342	4.836	4.268	3.541	2.597
3511	35.10	1.437	0.113	-1.278	-2.632	-3.858	-4.904	-5.757	-6.437	-6.977	-7.405
3521	35.20	-7.726	-7.926	-7.977	-7.857	-7.565	-7.124	-6.584	-6.003	-5.428	-4.886
3531	35.30	-4.375	-3.874	-3.360	-2.822	-2.273	-1.745	-1.283	-0.921	-0.671	-0.517
3541	35.40	-0.425	-0.348	-0.248	-0.103	0.093	0.335	0.610	0.905	1.201	1.470
3551	35.50	1.679	1.793	1.788	1.667	1.469	1.257	1.098	1.040	1.087	1.198
3561	35.60	1.299	1.323	1.235	1.056	0.857	0.727	0.734	0.892	1.147	1.395
3571	35.70	1.516	1.415	1.051	0.437	-0.373	-1.319	-2.352	-3.446	-4.585	-5.741
3581	35.80	-6.858	-7.841	-8.574	-8.943	-8.861	-8.290	-7.240	-5.760	-3.926	-1.826
3591	35.90	0.439	2.763	5.030	7.129	8.966	10.484	11.670	12.553	13.184	13.610
3601	36.00	13.848	13.883	13.674	13.182	12.391	11.331	10.069	8.701	7.321	6.014
3611	36.10	4.838	3.837	3.040	2.463	2.104	1.928	1.857	1.779	1.571	1.133
3621	36.20	0.419	-0.541	-1.661	-2.823	-3.928	-4.919	-5.795	-6.595	-7.368	-8.138
3631	36.30	-8.897	-9.613	-10.248	-10.785	-11.231	-11.609	-11.932	-12.175	-12.276	-12.145
3641	36.40	-11.706	-10.927	-9.848	-8.573	-7.242	-5.985	-4.888	-3.974	-3.210	-2.528
3651	36.50	-1.854	-1.130	-0.323	0.577	1.559	2.593	3.631	4.598	5.407	5.965
3661	36.60	6.199	6.072	5.594	4.812	3.796	2.617	1.332	-0.009	-1.360	-2.663
3671	36.70	-3.846	-4.839	-5.587	-6.075	-6.334	-6.427	-6.421	-6.358	-6.231	-5.992
3681	36.80	-5.568	-4.898	-3.957	-2.771	-1.407	0.045	1.494	2.865	4.095	5.138
3691	36.90	5.954	6.523	6.847	6.972	6.981	6.982	7.083	7.356	7.818	8.425
3701	37.00	9.093	9.726	10.242	10.594	10.766	10.762	10.593	10.265	9.786	9.164
3711	37.10	8.419	7.577	6.660	5.669	4.584	3.367	1.985	0.438	-1.228	-2.914
3721	37.20	-4.490	-5.828	-6.839	-7.487	-7.797	-7.830	-7.658	-7.341	-6.919	-6.416
3731	37.30	-5.859	-5.294	-4.786	-4.415	-4.250	-4.326	-4.628	-5.089	-5.602	-6.046
3741	37.40	-6.312	-6.321	-6.037	-5.465	-4.637	-3.608	-2.444	-1.217	-0.006	1.106
3751	37.50	2.039	2.724	3.117	3.205	3.013	2.590	2.001	1.304	0.549	-0.231
3761	37.60	-1.001	-1.713	-2.297	-2.662	-2.717	-2.399	-1.702	-0.685	0.535	1.818
3771	37.70	3.038	4.113	5.018	5.771	6.403	6.931	7.342	7.597	7.661	7.529
3781	37.80	7.239	6.869	6.501	6.187	5.922	5.641	5.245	4.651	3.835	2.853
3791	37.90	1.832	0.929	0.275	-0.073	-0.154	-0.086	-0.026	-0.117	-0.444	-1.011
3801	38.00	-1.758	-2.586	-3.402	-4.154	-4.839	-5.496	-6.174	-6.897	-7.638	-8.311
3811	38.10	-8.787	-8.932	-8.649	-7.914	-6.792	-5.420	-3.972	-2.611	-1.447	-0.513
3821	38.20	0.226	0.846	1.424	2.000	2.560	3.047	3.382	3.502	3.386	3.064
3831	38.30	2.603	2.086	1.581	1.115	0.675	0.212	-0.338	-1.026	-1.874	-2.869
3841	38.40	-3.960	-5.077	-6.150	-7.123	-7.966	-8.680	-9.286	-9.810	-10.267	-10.649
3851	38.50	-10.917	-11.013	-10.871	-10.443	-9.710	-8.697	-7.465	-6.098	-4.682	-3.286
3861	38.60	-1.950	-0.684	0.526	1.699	2.845	3.961	5.027	6.017	6.913	7.718
3871	38.70	8.466	9.211	10.018	10.937	11.983	13.122	14.269	15.304	16.098	16.544
3881	38.80	16.580	16.200	15.450	14.413	13.181	11.838	10.444	9.028	7.593	6.124
3891	38.90	4.595	2.985	1.284	-0.502	-2.343	-4.187	-5.966	-7.606	-9.038	-10.208
3901	39.00	-11.079	-11.631	-11.854	-11.749	-11.330	-10.632	-9.717	-8.679	-7.626	-6.655
3911	39.10	-5.820	-5.115	-4.466	-3.759	-2.884	-1.779	-0.459	0.986	2.420	3.714
3921	39.20	4.786	5.628	6.292	6.859	7.392	7.909	8.379	8.741	8.942	8.963
3931	39.30	8.828	8.594	8.320	8.046	7.778	7.498	7.180	6.811	6.394	5.941
3941	39.40	5.453	4.905	4.247	3.425	2.400	1.178	-0.186	-1.607	-2.998	-4.305
3951	39.50	-5.520	-6.675	-7.817	-8.975	-10.138	-11.251	-12.240	-13.033	-13.590	-13.903
3961	39.60	-13.990	-13.871	-13.551	-13.014	-12.233	-11.193	-9.902	-8.398	-6.736	-4.968
3971	39.70	-3.130	-1.238	0.696	2.638	4.518	6.229	7.656	8.710	9.367	9.680
3981	39.80	9.767	9.774	9.826	9.858	9.749	9.360	8.595	7.437	5.957
3991	39.90	4.282	2.555	0.885	-0.678	-2.151	-3.588	-5.047	-6.561	-8.114	-9.651

Table 7-18-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-11.087	-12.335	-13.324	-14.009	-14.371	-14.413	-14.150	-13.608	-12.813	-11.794
4011	40.10	-10.574	-9.175	-7.617	-5.925	-4.139	-2.324	-0.577	0.987	2.253	3.135
4021	40.20	3.603	3.699	3.532	3.248	2.999	2.896	2.990	3.267	3.666	4.110
4031	40.30	4.537	4.917	5.260	5.596	5.959	6.365	6.806	7.247	7.638	7.930
4041	40.40	8.084	8.075	7.900	7.568	7.109	6.565	5.987	5.431	4.938	4.529
4051	40.50	4.188	3.870	3.507	3.032	2.399	1.599	0.663	-0.343	-1.338	-2.244
4061	40.60	-2.994	-3.541	-3.851	-3.902	-3.681	-3.190	-2.451	-1.519	-0.473	0.589
4071	40.70	1.574	2.415	3.083	3.586	3.961	4.248	4.472	4.635	4.714	4.679
4081	40.80	4.507	4.200	3.780	3.285	2.751	2.199	1.633	1.043	0.425	-0.208
4091	40.90	-0.815	-1.331	-1.690	-1.842	-1.775	-1.523	-1.157	-0.770	-0.453	-0.274
4101	41.00	-0.269	-0.436	-0.738	-1.114	-1.486	-1.768	-1.884	-1.786	-1.471	-0.990
4111	41.10	-0.447	0.026	0.304	0.314	0.056	-0.391	-0.899	-1.342	-1.644	-1.814
4121	41.20	-1.941	-2.152	-2.557	-3.192	-3.995	-4.819	-5.484	-5.834	-5.790	-5.368
4131	41.30	-4.663	-3.799	-2.835	-1.985	-1.111	-0.249	0.615	1.467	2.264	2.946
4141	41.40	3.462	3.788	3.933	3.924	3.789	3.542	3.178	2.686	2.059	1.311
4151	41.50	0.478	-0.401	-1.292	-2.183	-3.082	-4.006	-4.961	-5.927	-6.856	-7.684
4161	41.60	-8.351	-8.822	-9.093	-9.189	-9.154	-9.031	-8.849	-8.625	-8.360	-8.045
4171	41.70	-7.669	-7.217	-6.675	-6.028	-5.270	-4.406	-3.457	-2.454	-1.434	-0.426
4181	41.80	0.556	1.511	2.443	3.349	4.214	5.008	5.701	6.274	6.731	7.102
4191	41.90	7.424	7.731	8.040	8.347	8.636	8.898	9.137	9.369	9.607	9.846
4201	42.00	10.046	10.140	10.057	9.753	9.241	8.585	7.889	7.246	6.706	6.249
4211	42.10	5.796	5.244	4.514	3.586	2.512	1.391	0.331	-0.593	-1.362	-2.010
4221	42.20	-2.598	-3.175	-3.759	-4.323	-4.820	-5.202	-5.445	-5.559	-5.580	-5.550
4231	42.30	-5.500	-5.443	-5.374	-5.287	-5.182	-5.070	-4.973	-4.905	-4.870	-4.855
4241	42.40	-4.840	-4.806	-4.747	-4.667	-4.569	-4.444	-4.259	-3.961	-3.491	-2.813
4251	42.50	-1.933	-0.909	0.151	1.124	1.898	2.408	2.644	2.653	2.512	2.307
4261	42.60	2.104	1.940	1.623	1.744	1.684	1.625	1.552	1.449	1.300	1.085
4271	42.70	0.798	0.449	0.076	-0.257	-0.475	-0.506	-0.308	0.118	0.728	1.447
4281	42.80	2.188	2.880	3.481	3.989	4.425	4.826	5.220	5.614	5.994	6.330
4291	42.90	6.593	6.762	6.840	6.844	6.802	6.737	6.656	6.543	6.363	6.073
4301	43.00	5.628	4.998	4.169	3.147	1.955	0.626	-0.797	-2.261	-3.706	-5.065
4311	43.10	-6.266	-7.242	-7.945	-8.351	-8.473	-8.359	-8.083	-7.734	-7.403	-7.168
4321	43.20	-7.087	-7.187	-7.464	-7.880	-8.333	-8.864	-9.270	-9.523	-9.584	-9.447
4331	43.30	-9.134	-8.686	-8.141	-7.521	-6.831	-6.063	-5.214	-4.295	-3.344	-2.407
4341	43.40	-1.533	-0.740	-0.016	0.685	1.423	2.241	3.152	4.126	5.101	6.010
4351	43.50	6.802	7.454	7.975	8.385	8.704	8.935	9.069	9.092	9.009	8.845
4361	43.60	8.645	8.463	8.336	8.277	8.271	8.280	8.261	8.176	7.999	7.708
4371	43.70	7.282	6.695	5.928	4.975	3.859	2.632	1.367	0.137	-1.009	-2.056
4381	43.80	-3.026	-3.960	-4.892	-5.839	-6.787	-7.701	-8.544	-9.287	-9.917	-10.428
4391	43.90	-10.814	-11.055	-11.118	-10.972	-10.597	-10.002	-9.228	-8.334	-7.382	-6.422
4401	44.00	-5.485	-4.579	-3.704	-2.856	-2.033	-1.224	-0.412	0.435	1.351	2.359
4411	44.10	3.448	4.571	5.642	6.561	7.242	7.633	7.727	7.553	7.155	6.573
4421	44.20	5.826	4.924	3.875	2.707	1.481	0.281	-0.801	-1.691	-2.350	-2.777
4431	44.30	-3.005	-3.073	-3.011	-2.827	-2.509	-2.039	-1.413	-0.653	0.188	1.031
4441	44.40	1.788	2.384	2.771	2.942	2.932	2.810	2.664	2.578	2.616	2.801
4451	44.50	3.115	3.507	3.910	4.261	4.526	4.699	4.805	4.874	4.925	4.955
4461	44.60	4.938	4.837	4.630	4.323	3.956	3.592	3.293	3.092	2.976	2.887
4471	44.70	2.741	2.462	2.004	1.377	0.638	-0.125	-0.824	-1.398	-1.829	-2.146
4481	44.80	-2.408	-2.689	-3.053	-3.549	-4.197	-4.997	-5.929	-6.958	-8.031	-9.086
4491	44.90	-10.048	-10.842	-11.401	-11.677	-11.649	-11.321	-10.724	-9.900	-8.896	-7.754

Table 7-18-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-6.509	-5.187	-3.808	-2.391	-0.953	0.488	1.905	3.266	4.530	5.648
4511	45.10	6.571	7.262	7.707	7.924	7.958	7.870	7.713	7.514	7.267	6.933
4521	45.20	6.468	5.842	5.065	4.187	3.282	2.419	1.635	0.919	0.229	-0.483
4531	45.30	-1.240	-2.015	-2.734	-3.309	-3.675	-3.821	-3.799	-3.702	-3.619	-3.594
4541	45.40	-3.603	-3.570	-3.397	-3.020	-2.436	-1.710	-0.944	-0.238	0.351	0.818
4551	45.50	1.197	1.524	1.807	2.016	2.104	2.044	1.858	1.630	1.474	1.488
4561	45.60	1.703	2.063	2.437	2.670	2.650	2.346	1.818	1.182	0.549	-0.018
4571	45.70	-0.527	-1.040	-1.618	-2.285	-2.994	-3.646	-4.132	-4.387	-4.414	-4.290
4581	45.80	-4.125	-4.014	-3.992	-4.027	-4.039	-3.937	-3.671	-3.243	-2.707	-2.139
4591	45.90	-1.601	-1.118	-0.673	-0.228	0.254	0.778	1.318	1.814	2.198	2.414
4601	46.00	2.433	2.262	1.938	1.525	1.093	0.711	0.436	0.291	0.280	0.377
4611	46.10	0.538	0.721	0.896	1.058	1.222	1.418	1.671	1.991	2.368	2.778
4621	46.20	3.191	3.582	3.934	4.244	4.511	4.733	4.908	5.027	5.085	5.078
4631	46.30	5.004	4.859	4.638	4.333	3.940	3.470	2.944	2.394	1.847	1.318
4641	46.40	0.794	0.248	-0.354	-1.030	-1.764	-2.510	-3.200	-3.769	-4.176	-4.412
4651	46.50	-4.502	-4.482	-4.386	-4.226	-4.003	-3.710	-3.354	-2.959	-2.566	-2.220
4661	46.60	-1.953	-1.773	-1.666	-1.606	-1.567	-1.536	-1.508	-1.487	-1.468	-1.438
4671	46.70	-1.379	-1.273	-1.120	-0.941	-0.771	-0.651	-0.606	-0.637	-0.718	-0.802
4681	46.80	-0.834	-0.766	-0.571	-0.242	0.199	0.709	1.228	1.688	2.027	2.204
4691	46.90	2.207	2.062	1.821	1.551	1.308	1.125	1.002	0.921	0.853	0.781
4701	47.00	0.708	0.653	0.639	0.680	0.774	0.899	1.029	1.140	1.215	1.248
4711	47.10	1.235	1.168	1.041	0.855	0.626	0.395	0.215	0.137	0.186	0.343
4721	47.20	0.556	0.748	0.855	0.848	0.746	0.602	0.479	0.417	0.415	0.428
4731	47.30	0.389	0.235	-0.067	-0.508	-1.067	-1.624	-2.184	-2.689	-3.111	-3.478
4741	47.40	-3.751	-3.963	-4.068	-4.052	-3.884	-3.537	-2.992	-2.244	-1.310	-0.229
4751	47.50	0.932	2.092	3.162	4.065	4.743	5.166	5.329	5.248	4.947	4.463
4761	47.60	3.840	3.141	2.435	1.793	1.268	0.874	0.582	0.324	0.021	-0.387
4771	47.70	-0.919	-1.542	-2.192	-2.802	-3.329	-3.772	-4.163	-4.536	-4.901	-5.224
4781	47.80	-5.431	-5.437	-5.184	-4.674	-3.971	-3.185	-2.429	-1.781	-1.256	-0.812
4791	47.90	-0.374	0.125	0.711	1.358	1.990	2.516	2.856	2.966	2.849	2.542
4801	48.00	2.104	1.596	1.070	0.567	0.125	-0.225	-0.452	-0.531	-0.458	-0.248
4811	48.10	0.056	0.394	0.701	0.925	1.035	1.024	0.907	0.703	0.424	0.071
4821	48.20	-0.365	-0.894	-1.509	-2.180	-2.852	-3.457	-3.929	-4.232	-4.363	-4.356
4831	48.30	-4.265	-4.143	-4.019	-3.888	-3.713	-3.435	-2.994	-2.352	-1.501	-0.468
4841	48.40	0.690	1.902	3.096	4.215	5.226	6.122	6.919	7.646	8.323	8.951
4851	48.50	9.504	9.933	10.178	10.198	9.985	9.575	9.037	8.452	7.880	7.341
4861	48.60	6.811	6.236	5.560	4.754	3.829	2.829	1.814	0.828	-0.117	-1.037
4871	48.70	-1.970	-2.942	-3.955	-4.983	-5.978	-6.894	-7.702	-8.394	-8.977	-9.451
4881	48.80	-9.801	-9.990	-9.976	-9.735	-9.278	-8.661	-7.967	-7.284	-6.672	-6.141
4891	48.90	-5.652	-5.135	-4.516	-3.752	-2.841	-1.824	-0.772	0.241	1.156	1.941
4901	49.00	2.587	3.103	3.495	3.762	3.894	3.878	3.710	3.403	2.997	2.547
4911	49.10	2.115	1.750	1.478	1.293	1.162	1.047	0.912	0.744	0.550	0.352
4921	49.20	0.174	0.026	-0.097	-0.211	-0.331	-0.455	-0.567	-0.634	-0.631	-0.549
4931	49.30	-0.402	-0.224	-0.048	0.110	0.256	0.420	0.629	0.894	1.195	1.487
4941	49.40	1.721	1.873	1.956	2.021	2.132	2.338	2.641	2.991	3.302	3.490
4951	49.50	3.505	3.350	3.078	2.765	2.472	2.219	1.982	1.712	1.365	0.927
4961	49.60	0.431	-0.060	-0.477	-0.776	-0.951	-1.032	-1.063	-1.074	-1.065	-1.005
4971	49.70	-0.853	-0.588	-0.227	0.164	0.491	0.565	0.637	0.420	0.089	-0.244
4981	49.80	-0.476	-0.549	-0.468	-0.304	-0.151	-0.091	-0.152	-0.297	-0.438	-0.471
4991	49.90	-0.324	0.013	0.482	0.975	1.378	1.605	1.627	1.464	1.165	0.776

Table 7-18-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.317	-0.223	-0.866	-1.629	-2.498	-3.430	-4.361	-5.233	-6.011	-6.686
5011	50.10	-7.267	-7.759	-8.145	-8.392	-8.456	-8.310	-7.958	-7.440	-6.813	-6.135
5021	50.20	-5.434	-4.708	-3.934	-3.086	-2.156	-1.161	-0.134	0.889	1.891	2.869
5031	50.30	3.829	4.768	5.662	6.466	7.135	7.639	7.984	8.202	8.335	8.409
5041	50.40	8.413	8.306	8.040	7.591	6.981	6.273	5.549	4.867	4.235	3.602
5051	50.50	2.890	2.034	1.022	-0.089	-1.191	-2.168	-2.937	-3.475	-3.812	-3.999
5061	50.60	-4.075	-4.045	-3.888	-3.586	-3.157	-2.670	-2.229	-1.931	-1.818	-1.852
5071	50.70	-1.919	-1.871	-1.591	-1.037	-0.262	0.612	1.439	2.103	2.554	2.805
5081	50.80	2.910	2.925	2.882	2.783	2.615	2.374	2.081	1.781	1.524	1.343
5091	50.90	1.233	1.150	1.027	0.801	0.435	-0.066	-0.661	-1.292	-1.900	-2.447
5101	51.00	-2.919	-3.323	-3.676	-3.993	-4.278	-4.523	-4.707	-4.804	-4.797	-4.677
5111	51.10	-4.458	-4.168	-3.844	-3.521	-3.214	-2.918	-2.608	-2.251	-1.829	-1.348
5121	51.20	-0.843	-0.365	0.044	0.362	0.609	0.830	1.075	1.372	1.711	2.040
5131	51.30	2.286	2.385	2.308	2.074	1.740	1.377	1.045	0.780	0.589	0.473
5141	51.40	0.435	0.498	0.693	1.039	1.526	2.097	2.662	3.117	3.384	3.429
5151	51.50	3.277	2.996	2.667	2.352	2.079	1.841	1.612	1.369	1.114	0.870
5161	51.60	0.674	0.557	0.524	0.547	0.579	0.570	0.493	0.351	0.182	0.040
5171	51.70	-0.024	0.014	0.143	0.320	0.482	0.573	0.560	0.443	0.255	0.046
5181	51.80	-0.132	-0.245	-0.285	-0.265	-0.212	-0.154	-0.102	-0.055	0.003	0.088
5191	51.90	0.208	0.353	0.501	0.628	0.712	0.747	0.738	0.697	0.630	0.536
5201	52.00	0.403	0.216	-0.030	-0.328	-0.655	-0.982	-1.285	-1.555	-1.794	-2.016
5211	52.10	-2.229	-2.430	-2.606	-2.741	-2.834	-2.903	-2.986	-3.127	-3.355	-3.667
5221	52.20	-4.027	-4.372	-4.639	-4.786	-4.807	-4.722	-4.566	-4.356	-4.097	-3.766
5231	52.30	-3.339	-2.813	-2.216	-1.603	-1.036	-0.554	-0.150	0.228	0.658	1.210
5241	52.40	1.917	2.759	3.670	4.564	5.365	6.025	6.530	6.885	7.103	7.166
5251	52.50	7.133	6.943	6.633	6.233	5.782	5.309	4.816	4.282	3.678	2.985
5261	52.60	2.219	1.430	0.686	0.037	-0.511	-1.003	-1.516	-2.121	-2.838	-3.623
5271	52.70	-4.374	-4.977	-5.354	-5.497	-5.473	-5.389	-5.339	-5.361	-5.419	-5.428
5281	52.80	-5.300	-4.992	-4.532	-4.004	-3.508	-3.103	-2.782	-2.472	-2.076	-1.520
5291	52.90	-0.804	-0.002	0.767	1.391	1.815	2.066	2.235	2.432	2.730	3.131
5301	53.00	3.564	3.919	4.097	4.054	3.817	3.474	3.133	2.884	2.766	2.768
5311	53.10	2.841	2.925	2.977	2.977	2.926	2.834	2.711	2.560	2.384	2.191
5321	53.20	1.998	1.827	1.693	1.601	1.534	1.463	1.358	1.205	1.015	0.830
5331	53.30	0.702	0.685	0.806	1.061	1.403	1.764	2.068	2.253	2.293	2.207
5341	53.40	2.050	1.900	1.828	1.877	2.037	2.248	2.409	2.414	2.185	1.701
5351	53.50	1.004	0.192	-0.626	-1.358	-1.966	-2.474	-2.942	-3.442	-4.013	-4.647
5361	53.60	-5.288	-5.861	-6.305	-6.600	-6.767	-6.860	-6.925	-6.975	-6.982	-6.885
5371	53.70	-6.624	-6.175	-5.562	-4.859	-4.158	-3.531	-3.008	-2.568	-2.158	-1.728
5381	53.80	-1.258	-0.774	-0.334	-0.005	0.176	0.212	0.147	0.045	-0.039	-0.082
5391	53.90	-0.094	-0.107	-0.149	-0.231	-0.337	-0.433	-0.488	-0.483	-0.419	-0.309
5401	54.00	-0.161	0.025	0.259	0.546	0.874	1.200	1.466	1.611	1.604	1.461
5411	54.10	1.240	1.025	0.887	0.861	0.926	1.024	1.088	1.078	0.999	0.901
5421	54.20	0.855	0.917	1.104	1.387	1.707	2.005	2.249	2.442	2.614	2.798
5431	54.30	3.000	3.187	3.301	3.279	3.089	2.751	2.329	1.917	1.599	1.420
5441	54.40	1.376	1.422	1.494	1.540	1.536	1.484	1.402	1.303	1.181	1.010
5451	54.50	0.758	0.408	-0.033	-0.525	-1.011	-1.434	-1.753	-1.958	-2.065	-2.103
5461	54.60	-2.103	-2.086	-2.064	-2.036	-2.003	-1.961	-1.905	-1.821	-1.686	-1.475
5471	54.70	-1.170	-0.775	-0.323	0.130	0.517	0.793	0.948	1.013	1.054	1.137
5481	54.80	1.306	1.557	1.844	2.092	2.238	2.252	2.149	1.984	1.820	1.699
5491	54.90	1.622	1.549	1.420	1.181	0.813	0.333	-0.206	-0.748	-1.250	-1.699

Table 7-18-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-2.105	-2.482	-2.835	-3.141	-3.358	-3.440	-3.355	-3.097	-2.690	-2.170
5511	55.10	-1.573	-0.922	-0.228	0.502	1.249	1.980	2.653	3.234	3.714	4.120
5521	55.20	4.502	4.916	5.385	5.889	6.357	6.690	6.797	6.626	6.179	5.510
5531	55.30	4.701	3.828	2.944	2.070	1.205	0.347	-0.493	-1.289	-2.010	-2.636
5541	55.40	-3.171	-3.637	-4.070	-4.498	-4.926	-5.337	-5.700	-5.989	-6.195	-6.332
5551	55.50	-6.429	-6.512	-6.595	-6.673	-6.726	-6.734	-6.686	-6.584	-6.439	-6.259
5561	55.60	-6.043	-5.783	-5.473	-5.119	-4.744	-4.385	-4.071	-3.806	-3.559	-3.264
5571	55.70	-2.845	-2.244	-1.444	-0.482	0.565	1.604	2.556	3.378	4.064	4.640
5581	55.80	5.142	5.595	6.016	6.403	6.752	7.052	7.290	7.441	7.469	7.333
5591	55.90	7.001	6.467	5.767	4.973	4.171	3.433	2.786	2.205	1.629	0.990
5601	56.00	0.259	-0.534	-1.302	-1.932	-2.327	-2.452	-2.345	-2.100	-1.831	-1.621
5611	56.10	-1.490	-1.397	-1.267	-1.034	-0.680	-0.247	0.180	0.511	0.697	0.753
5621	56.20	0.750	0.789	0.954	1.274	1.714	2.191	2.612	2.905	3.050	3.068
5631	56.30	3.003	2.892	2.745	2.547	2.274	1.921	1.520	1.133	0.827	0.643
5641	56.40	0.570	0.537	0.440	0.187	-0.267	-0.895	-1.608	-2.291	-2.851	-3.252
5651	56.50	-3.522	-3.735	-3.971	-4.276	-4.646	-5.025	-5.342	-5.532	-5.569	-5.462
5661	56.60	-5.243	-4.946	-4.589	-4.174	-3.696	-3.159	-2.580	-1.988	-1.400	-0.813
5671	56.70	-0.195	0.498	1.301	2.208	3.164	4.076	4.841	5.385	5.689	5.790
5681	56.80	5.765	5.693	5.630	5.588	5.547	5.471	5.332	5.117	4.826	4.455
5691	56.90	3.988	3.393	2.641	1.721	0.659	-0.485	-1.630	-2.706	-3.670	-4.516
5701	57.00	-5.260	-5.918	-6.485	-6.926	-7.191	-7.239	-7.057	-6.676	-6.155	-5.564
5711	57.10	-4.957	-4.360	-3.772	-3.185	-2.600	-2.034	-1.512	-1.055	-0.662	-0.310
5721	57.20	0.039	0.408	0.796	1.169	1.480	1.693	1.806	1.861	1.922	2.044
5731	57.30	2.245	2.490	2.708	2.819	2.776	2.585	2.297	1.985	1.705	1.473
5741	57.40	1.260	1.016	0.704	0.324	-0.086	-0.464	-0.762	-0.966	-1.103	-1.219
5751	57.50	-1.350	-1.493	-1.606	-1.624	-1.496	-1.216	-0.832	-0.422	-0.062	0.216
5761	57.60	0.436	0.661	0.960	1.361	1.832	2.288	2.634	2.810	2.827	2.767
5771	57.70	2.744	2.856	3.134	3.525	3.913	4.172	4.215	4.029	3.678	3.263
5781	57.80	2.879	2.571	2.324	2.082	1.783	1.394	0.929	0.437	-0.024	-0.416
5791	57.90	-0.740	-1.029	-1.327	-1.660	-2.024	-2.383	-2.690	-2.916	-3.058	-3.150
5801	58.00	-3.236	-3.353	-3.509	-3.683	-3.832	-3.915	-3.916	-3.844	-3.730	-3.609
5811	58.10	-3.499	-3.395	-3.272	-3.097	-2.850	-2.529	-2.155	-1.758	-1.372	-1.013
5821	58.20	-0.686	-0.382	-0.084	0.220	0.539	0.873	1.214	1.547	1.844	2.073
5831	58.30	2.201	2.201	2.071	1.833	1.535	1.239	0.998	0.846	0.784	0.790
5841	58.40	0.833	0.887	0.945	1.019	1.123	1.266	1.437	1.613	1.772	1.907
5851	58.50	2.034	2.190	2.499	2.697	3.022	3.313	3.486	3.480	3.280	2.933
5861	58.60	2.530	2.168	1.915	1.780	1.718	1.654	1.523	1.298	1.006	0.712
5871	58.70	0.479	0.344	0.287	0.245	0.135	-0.107	-0.497	-0.997	-1.532	-2.020
5881	58.80	-2.403	-2.670	-2.848	-2.982	-3.112	-3.244	-3.351	-3.382	-3.288	-3.041
5891	58.90	-2.650	-2.156	-1.618	-1.093	-0.623	-0.226	0.098	0.355	0.552	0.683
5901	59.00	0.739	0.711	0.596	0.406	0.168	-0.085	-0.314	-0.488	-0.587	-0.603
5911	59.10	-0.544	-0.429	-0.285	-0.142	-0.027	0.044	0.064	0.039	-0.016	-0.085
5921	59.20	-0.154	-0.219	-0.281	-0.349	-0.434	-0.547	-0.696	-0.890	-1.137	-1.441
5931	59.30	-1.797	-2.188	-2.584	-2.942	-3.223	-3.404	-3.487	-3.503	-3.493	-3.497
5941	59.40	-3.527	-3.561	-3.549	-3.436	-3.185	-2.804	-2.336	-1.855	-1.421	-1.063
5951	59.50	-0.760	-0.455	-0.083	0.398	0.980	1.613	2.224	2.756	3.187	3.537
5961	59.60	3.849	4.154	4.440	4.653	4.711	4.546	4.147	3.573	2.943	2.398
5971	59.70	2.041	1.908	1.952	2.068	2.141	2.090	1.896	1.602	1.290	1.041
5981	59.80	0.909	0.903	0.995	1.134	1.271	1.368	1.408	1.394	1.341	1.273
5991	59.90	1.218	1.200	1.231	1.303	1.385	1.431	1.395	1.254	1.019	0.740

Table 7-18-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.482	0.310	0.256	0.309	0.422	0.532	0.584	0.553	0.439	0.263
6011	60.10	0.044	-0.208	-0.491	-0.795	-1.092	-1.331	-1.450	-1.400	-1.175	-0.816
6021	60.20	-0.408	-0.048	0.191	0.282	0.249	0.146	0.025	-0.095	-0.227	-0.414
6031	60.30	-0.693	-1.073	-1.525	-1.993	-2.412	-2.739	-2.961	-3.093	-3.161	-3.186
6041	60.40	-3.173	-3.123	-3.036	-2.931	-2.834	-2.772	-2.746	-2.727	-2.655	-2.464
6051	60.50	-2.115	-1.615	-1.025	-0.432	0.084	0.480	0.771	1.012	1.266	1.573
6061	60.60	1.921	2.259	2.516	2.639	2.620	2.495	2.330	2.182	2.076	1.992
6071	60.70	1.880	1.683	1.366	0.933	0.418	-0.130	-0.672	-1.190	-1.689	-2.185
6081	60.80	-2.684	-3.171	-3.615	-3.972	-4.205	-4.294	-4.239	-4.054	-3.757	-3.362
6091	60.90	-2.886	-2.346	-1.771	-1.204	-0.694	-0.280	0.016	0.205	0.326	0.431
6101	61.00	0.570	0.775	1.049	1.368	1.695	1.991	2.230	2.404	2.522	2.607
6111	61.10	2.682	2.768	2.872	2.991	3.107	3.196	3.233	3.204	3.107	2.963
6121	61.20	2.805	2.674	2.598	2.585	2.611	2.625	2.561	2.361	1.993	1.467
6131	61.30	0.831	0.165	-0.449	-0.944	-1.287	-1.486	-1.581	-1.627	-1.680	-1.773
6141	61.40	-1.917	-2.090	-2.257	-2.371	-2.393	-2.297	-2.077	-1.749	-1.341	-0.891
6151	61.50	-0.433	0.006	0.413	0.791	1.153	1.517	1.892	2.276	2.650	2.985
6161	61.60	3.246	3.405	3.449	3.384	3.230	3.015	2.767	2.504	2.234	1.960
6171	61.70	1.683	1.410	1.153	0.922	0.720	0.533	0.330	0.067	-0.294	-0.772
6181	61.80	-1.355	-2.000	-2.643	-3.225	-3.706	-4.081	-4.376	-4.627	-4.858	-5.102
6191	61.90	-5.310	-5.450	-5.489	-5.416	-5.254	-5.051	-4.860	-4.711	-4.600	-4.486
6201	62.00	-4.308	-4.013	-3.578	-3.014	-2.357	-1.653	-0.931	-0.204	0.551	1.272
6211	62.10	1.997	2.666	3.228	3.650	3.933	4.118	4.274	4.463	4.714	5.005
6221	62.20	5.273	5.438	5.441	5.263	4.931	4.494	3.999	3.466	2.885	2.231
6231	62.30	1.496	0.702	-0.092	-0.810	-1.396	-1.834	-2.152	-2.408	-2.656	-2.910
6241	62.40	-3.141	-3.290	-3.299	-3.149	-2.868	-2.524	-2.190	-1.909	-1.671	-1.420
6251	62.50	-1.088	-0.628	-0.044	0.611	1.254	1.817	2.268	2.624	2.936	3.252
6261	62.60	3.594	3.945	4.261	4.491	4.610	4.622	4.556	4.445	4.300	4.109
6271	62.70	3.841	3.465	2.981	2.417	1.830	1.276	0.787	0.356	-0.063	-0.530
6281	62.80	-1.099	-1.791	-2.585	-3.427	-4.249	-4.981	-5.572	-5.994	-6.239	-6.321
6291	62.90	-6.270	-6.130	-5.958	-5.807	-5.717	-5.704	-5.744	-5.786	-5.759	-5.597
6301	63.00	-5.258	-4.736	-4.056	-3.263	-2.404	-1.513	-0.607	0.309	1.229	2.138
6311	63.10	3.007	3.798	4.471	4.995	5.360	5.569	5.639	5.595	5.459	5.255
6321	63.20	5.006	4.736	4.468	4.218	3.987	3.754	3.482	3.125	2.644	2.029
6331	63.30	1.306	0.534	-0.210	-0.855	-1.361	-1.725	-1.979	-2.172	-2.340	-2.495
6341	63.40	-2.614	-2.656	-2.583	-2.385	-2.084	-1.732	-1.385	-1.080	-0.824	-0.588
6351	63.50	-0.332	-0.030	0.316	0.670	0.976	1.186	1.283	1.284	1.234	1.177
6361	63.60	1.141	1.116	1.071	0.968	0.786	0.531	0.238	-0.057	-0.327	-0.572
6371	63.70	-0.811	-1.068	-1.368	-1.631	-1.877	-2.051	-2.140	-2.170	-2.193	-2.264
6381	63.80	-2.408	-2.605	-2.794	-2.895	-2.848	-2.645	-2.331	-1.983	-1.683	-1.470
6391	63.90	-1.332	-1.210	-1.032	-0.745	-0.343	0.131	0.607	1.021	1.341	1.578
6401	64.00	1.779	1.998	2.271	2.602	2.961	3.299	3.570	3.748	3.827	3.820
6411	64.10	3.748	3.625	3.456	3.242	2.981	2.674	2.329	1.959	1.571	1.171
6421	64.20	0.763	0.347	-0.066	-0.463	-0.820	-1.114	-1.327	-1.454	-1.499	-1.483
6431	64.30	-1.425	-1.349	-1.264	-1.176	-1.075	-0.952	-0.793	-0.592	-0.350	-0.078
6441	64.40	0.203	0.469	0.690	0.845	0.915	0.896	0.791	0.618	0.398	0.160
6451	64.50	-0.070	-0.270	-0.424	-0.523	-0.565	-0.558	-0.510	-0.449	-0.368	-0.315
6461	64.60	-0.304	-0.346	-0.444	-0.581	-0.728	-0.852	-0.921	-0.922	-0.860	-0.762
6471	64.70	-0.657	-0.569	-0.501	-0.438	-0.349	-0.211	-0.022	0.190	0.374	0.474
6481	64.80	0.454	0.312	0.087	-0.160	-0.366	-0.495	-0.539	-0.523	-0.479	-0.426
6491	64.90	-0.359	-0.250	-0.065	0.216	0.581	0.988	1.382	1.718	1.973	2.158

Table 7-18-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	2.295	2.407	2.492	2.524	2.462	2.272	1.948	1.515	1.022	0.519
6511	65.10	0.036	-0.428	-0.894	-1.382	-1.890	-2.385	-2.803	-3.081	-3.179	-3.105
6521	65.20	-2.909	-2.665	-2.442	-2.274	-2.157	-2.053	-1.919	-1.728	-1.488	-1.234
6531	65.30	-1.008	-0.837	-0.714	-0.600	-0.443	-0.195	0.157	0.593	1.057	1.481
6541	65.40	1.807	1.998	2.049	1.976	1.813	1.596	1.357	1.121	0.902	0.706
6551	65.50	0.527	0.354	0.171	-0.033	-0.263	-0.512	-0.764	-1.004	-1.228	-1.446
6561	65.60	-1.680	-1.951	-2.268	-2.614	-2.947	-3.208	-3.346	-3.333	-3.177	-2.917
6571	65.70	-2.605	-2.288	-1.986	-1.689	-1.374	-1.018	-0.622	-0.214	0.153	0.429
6581	65.80	0.585	0.629	0.607	0.583	0.621	0.760	1.005	1.329	1.691	2.048
6591	65.90	2.368	2.634	2.835	2.963	3.007	2.962	2.833	2.642	2.431	2.246
6601	66.00	2.122	2.073	2.079	2.103	2.100	2.045	1.936	1.799	1.668	1.567
6611	66.10	1.695	1.422	1.309	1.123	0.865	0.568	0.288	0.080	-0.025	-0.042
6621	66.20	-0.015	-0.003	-0.048	-0.151	-0.271	-0.343	-0.308	-0.141	0.131	0.438
6631	66.30	0.696	0.841	0.849	0.745	0.586	0.434	0.328	0.273	0.239	0.185
6641	66.40	0.080	-0.083	-0.286	-0.495	-0.681	-0.830	-0.950	-1.057	-1.165	-1.276
6651	66.50	-1.382	-1.470	-1.536	-1.592	-1.661	-1.768	-1.922	-2.104	-2.275	-2.387
6661	66.60	-2.401	-2.310	-2.138	-1.931	-1.735	-1.575	-1.444	-1.313	-1.140	-0.903
6671	66.70	-0.607	-0.289	-0.004	0.204	0.312	0.334	0.311	0.293	0.314	0.385
6681	66.80	0.485	0.577	0.623	0.600	0.506	0.367	0.220	0.103	0.050	0.075
6691	66.90	0.175	0.331	0.508	0.664	0.758	0.762	0.670	0.501	0.301	0.124
6701	67.00	0.024	0.034	0.156	0.363	0.609	0.848	1.046	1.188	1.279	1.326
6711	67.10	1.336	1.304	1.221	1.079	0.882	0.655	0.435	0.257	0.147	0.106
6721	67.20	0.115	0.147	0.179	0.207	0.245	0.315	0.433	0.592	0.762	0.897
6731	67.30	0.952	0.905	0.769	0.584	0.401	0.260	0.172	0.112	0.031	-0.122
6741	67.40	-0.377	-0.727	-1.134	-1.538	-1.877	-2.113	-2.230	-2.242	-2.174	-2.052
6751	67.50	-1.896	-1.720	-1.530	-1.337	-1.152	-0.987	-0.846	-0.726	-0.614	-0.497
6761	67.60	-0.367	-0.230	-0.100	0.005	0.073	0.110	0.136	0.177	0.254	0.369
6771	67.70	0.503	0.625	0.703	0.716	0.666	0.570	0.451	0.322	0.183	0.021
6781	67.80	-0.176	-0.406	-0.640	-0.830	-0.921	-0.875	-0.687	-0.393	-0.065	0.220
6791	67.90	0.396	0.433	0.345	0.179	0.001	-0.132	-0.183	-0.145	-0.042	0.087
6801	68.00	0.200	0.266	0.273	0.232	0.170	0.119	0.108	0.146	0.219	0.296
6811	68.10	0.335	0.308	0.207	0.060	-0.078	-0.144	-0.084	0.118	0.438	0.820
6821	68.20	1.190	1.488	1.687	1.794	1.847	1.890	1.952	2.035	2.114	2.149
6831	68.30	2.105	1.963	1.733	1.442	1.125	0.811	0.513	0.232	-0.038	-0.303
6841	68.40	-0.561	-0.802	-1.018	-1.206	-1.373	-1.535	-1.708	-1.905	-2.124	-2.349
6851	68.50	-2.557	-2.724	-2.829	-2.861	-2.814	-2.688	-2.481	-2.196	-1.839	-1.428
6861	68.60	-0.993	-0.574	-0.211	0.064	0.247	0.354	0.428	0.516	0.657	0.869
6871	68.70	1.139	1.435	1.712	1.933	2.076	2.143	2.151	2.123	2.078	2.023
6881	68.80	1.960	1.884	1.792	1.685	1.565	1.432	1.278	1.089	0.852	0.561
6891	68.90	0.224	-0.135	-0.488	-0.809	-1.091	-1.341	-1.577	-1.817	-2.060	-2.289
6901	69.00	-2.469	-2.562	-2.548	-2.429	-2.234	-2.000	-1.762	-1.536	-1.316	-1.082
6911	69.10	-0.817	-0.513	-0.182	0.153	0.471	0.763	1.037	1.306	1.583	1.862
6921	69.20	2.122	2.330	2.463	2.514	2.503	2.461	2.419	2.384	2.339	2.245
6931	69.30	2.068	1.792	1.435	1.046	0.683	0.390	0.182	0.035	-0.094	-0.256
6941	69.40	-0.481	-0.774	-1.119	-1.487	-1.847	-2.179	-2.466	-2.688	-2.825	-2.855
6951	69.50	-2.766	-2.570	-2.303	-2.019	-1.773	-1.598	-1.488	-1.408	-1.302	-1.122
6961	69.60	-0.851	-0.503	-0.122	0.244	0.559	0.810	1.005	1.159	1.279	1.362
6971	69.70	1.395	1.376	1.317	1.252	1.220	1.248	1.331	1.431	1.485	1.436
6981	69.80	1.251	0.944	0.566	0.189	-0.125	-0.366	-0.482	-0.572	-0.667	-0.804
6991	69.90	-0.999	-1.240	-1.501	-1.750	-1.959	-2.110	-2.193	-2.205	-2.152	-2.047

Table 7-18-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-1.916	-1.788	-1.691	-1.638	-1.627	-1.639	-1.651	-1.649	-1.640	-1.665
7011	70.10	-1.690	-1.784	-1.903	-1.991	-1.977	-1.799	-1.432	-0.899	-0.265	0.391
7021	70.20	1.006	1.552	2.041	2.507	2.978	3.456	3.904	4.266	4.490	4.554
7031	70.30	4.479	4.323	4.156	4.035	3.976	3.958	3.933	3.853	3.690	3.445
7041	70.40	3.147	2.836	2.542	2.279	2.038	1.801	1.549	1.273	0.976	0.672
7051	70.50	0.373	0.089	-0.180	-0.435	-0.679	-0.914	-1.136	-1.341	-1.529	-1.701
7061	70.60	-1.866	-2.029	-2.191	-2.347	-2.483	-2.582	-2.627	-2.604	-2.512	-2.362
7071	70.70	-2.177	-1.990	-1.834	-1.736	-1.705	-1.727	-1.766	-1.772	-1.697	-1.509
7081	70.80	-1.206	-0.822	-0.410	-0.031	0.268	0.471	0.590	0.658	0.706	0.747
7091	70.90	0.770	0.741	0.624	0.398	0.074	-0.303	-0.674	-0.978	-1.182	-1.284
7101	71.00	-1.314	-1.310	-1.305	-1.304	-1.292	-1.239	-1.123	-0.947	-0.740	-0.547
7111	71.10	-0.411	-0.352	-0.353	-0.372	-0.353	-0.252	-0.058	0.209	0.503	0.775
7121	71.20	0.991	1.146	1.257	1.352	1.449	1.551	1.645	1.708	1.727	1.702
7131	71.30	1.653	1.602	1.564	1.539	1.508	1.447	1.338	1.183	1.004	0.834
7141	71.40	0.697	0.597	0.512	0.401	0.226	-0.030	-0.352	-0.694	-0.994	-1.198
7151	71.50	-1.280	-1.251	-1.156	-1.054	-0.999	-1.024	-1.127	-1.276	-1.424	-1.520
7161	71.60	-1.528	-1.437	-1.260	-1.030	-0.788	-0.569	-0.394	-0.263	-0.157	-0.052
7171	71.70	0.068	0.202	0.332	0.425	0.455	0.416	0.330	0.243	0.205	0.246
7181	71.80	0.361	0.505	0.611	0.618	0.495	0.263	-0.017	-0.267	-0.428	-0.483
7191	71.90	-0.467	-0.443	-0.477	-0.603	-0.806	-1.034	-1.220	-1.316	-1.313	-1.242
7201	72.00	-1.157	-1.106	-1.104	-1.134	-1.154	-1.128	-1.047	-0.934	-0.838	-0.809
7211	72.10	-0.866	-0.990	-1.127	-1.208	-1.181	-1.029	-0.773	-0.459	-0.137	0.165
7221	72.20	0.443	0.710	0.988	1.284	1.588	1.879	2.139	2.363	2.567	2.775
7231	72.30	3.097	3.266	3.524	3.740	3.870	3.888	3.799	3.635	3.440	3.253
7241	72.40	3.090	2.944	2.791	2.610	2.401	2.183	1.994	1.865	1.802	1.780
7251	72.50	1.741	1.617	1.356	0.944	0.417	-0.154	-0.681	-1.093	-1.355	-1.484
7261	72.60	-1.529	-1.557	-1.624	-1.751	-1.926	-2.106	-2.246	-2.311	-2.299	-2.235
7271	72.70	-2.162	-2.124	-2.149	-2.239	-2.377	-2.532	-2.677	-2.798	-2.894	-2.971
7281	72.80	-3.031	-3.066	-3.052	-2.961	-2.768	-2.468	-2.079	-1.643	-1.215	-0.847
7291	72.90	-0.575	-0.412	-0.348	-0.355	-0.404	-0.470	-0.536	-0.596	-0.645	-0.677
7301	73.00	-0.680	-0.638	-0.539	-0.327	-0.163	0.081	0.321	0.526	0.675	0.761
7311	73.10	0.796	0.802	0.803	0.817	0.852	0.904	0.967	1.033	1.102	1.172
7321	73.20	1.242	1.303	1.336	1.321	1.244	1.113	0.957	0.821	0.752	0.776
7331	73.30	0.883	1.023	1.125	1.125	0.992	0.746	0.456	0.212	0.087	0.109
7341	73.40	0.243	0.406	0.500	0.455	0.256	-0.046	-0.360	-0.590	-0.676	-0.619
7351	73.50	-0.473	-0.323	-0.246	-0.279	-0.406	-0.569	-0.698	-0.745	-0.698	-0.589
7361	73.60	-0.474	-0.407	-0.414	-0.484	-0.572	-0.622	-0.587	-0.446	-0.211	0.083
7371	73.70	0.393	0.684	0.940	1.161	1.359	1.539	1.699	1.822	1.887	1.875
7381	73.80	1.788	1.645	1.489	1.365	1.313	1.348	1.455	1.594	1.710	1.758
7391	73.90	1.710	1.570	1.364	1.133	0.910	0.713	0.539	0.373	0.195	-0.001
7401	74.00	-0.206	-0.397	-0.550	-0.651	-0.707	-0.738	-0.771	-0.826	-0.902	-0.978
7411	74.10	-1.023	-1.008	-0.926	-0.792	-0.644	-0.521	-0.452	-0.436	-0.447	-0.444
7421	74.20	-0.389	-0.269	-0.101	0.065	0.172	0.170	0.041	-0.199	-0.500	-0.798
7431	74.30	-1.035	-1.172	-1.202	-1.139	-1.016	-0.865	-0.715	-0.586	-0.495	-0.454
7441	74.40	-0.478	-0.575	-0.745	-0.971	-1.221	-1.455	-1.634	-1.736	-1.760	-1.728
7451	74.50	-1.676	-1.635	-1.619	-1.623	-1.623	-1.591	-1.509	-1.380	-1.225	-1.078
7461	74.60	-0.965	-0.896	-0.859	-0.821	-0.747	-0.613	-0.414	-0.165	0.104	0.362
7471	74.70	0.587	0.767	0.899	0.981	1.012	0.988	0.915	0.810	0.706	0.642
7481	74.80	0.654	0.755	0.927	1.124	1.283	1.369	1.296	1.136	0.913	0.686
7491	74.90	0.507	0.401	0.361	0.353	0.337	0.280	0.171	0.021	-0.142	-0.286

Table 7-18-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.386	-0.430	-0.421	-0.374	-0.318	-0.281	-0.293	-0.372	-0.516	-0.699
7511	75.10	-0.873	-0.975	-0.953	-0.782	-0.475	-0.084	0.323	0.680	0.951	1.133
7521	75.20	1.253	1.340	1.408	1.440	1.403	1.267	1.034	0.749	0.498	0.368
7531	75.30	0.412	0.620	0.919	1.196	1.353	1.341	1.191	0.993	0.856	0.857
7541	75.40	1.005	1.236	1.445	1.531	1.443	1.200	0.876	0.567	0.344	0.234
7551	75.50	0.212	0.226	0.226	0.190	0.121	0.042	-0.032	-0.103	-0.189	-0.311
7561	75.60	-0.470	-0.636	-0.758	-0.778	-0.668	-0.437	-0.134	0.171	0.420	0.589
7571	75.70	0.692	0.766	0.847	0.945	1.040	1.090	1.059	0.938	0.759	0.582
7581	75.80	0.470	0.461	0.551	0.692	0.817	0.844	0.804	0.644	0.424	0.191
7591	75.90	-0.024	-0.213	-0.391	-0.588	-0.821	-1.094	-1.390	-1.682	-1.949	-2.182
7601	76.00	-2.388	-2.584	-2.783	-2.984	-3.172	-3.319	-3.398	-3.390	-3.299	-3.144
7611	76.10	-2.954	-2.757	-2.567	-2.382	-2.186	-1.954	-1.669	-1.329	-0.951	-0.568
7621	76.20	-0.223	0.048	0.226	0.316	0.344	0.353	0.383	0.458	0.581	0.733
7631	76.30	0.880	0.988	1.038	1.032	0.992	0.946	0.916	0.903	0.889	0.844
7641	76.40	0.737	0.561	0.334	0.100	-0.088	-0.189	-0.188	-0.102	0.029	0.158
7651	76.50	0.257	0.319	0.360	0.405	0.468	0.540	0.595	0.603	0.549	0.448
7661	76.60	0.340	0.277	0.297	0.400	0.553	0.699	0.791	0.815	0.801	0.812
7671	76.70	0.907	1.112	1.397	1.686	1.887	1.938	1.840	1.655	1.491	1.444
7681	76.80	1.562	1.816	2.113	2.334	2.384	2.224	1.886	1.448	0.997	0.593
7691	76.90	0.251	-0.049	-0.343	-0.650	-0.959	-1.237	-1.444	-1.561	-1.604	-1.614
7701	77.00	-1.646	-1.734	-1.885	-2.065	-2.226	-2.319	-2.320	-2.239	-2.110	-1.975
7711	77.10	-1.865	-1.788	-1.725	-1.639	-1.491	-1.258	-0.941	-0.566	-0.180	0.164
7721	77.20	0.421	0.565	0.598	0.545	0.447	0.347	0.274	0.240	0.239	0.256
7731	77.30	0.282	0.319	0.378	0.473	0.602	0.746	0.863	0.910	0.860	0.720
7741	77.40	0.535	0.372	0.293	0.330	0.468	0.651	0.805	0.868	0.818	0.675
7751	77.50	0.495	0.337	0.242	0.218	0.240	0.272	0.279	0.246	0.181	0.104
7761	77.60	0.039	-0.000	-0.010	0.003	0.029	0.056	0.073	0.069	0.033	-0.036
7771	77.70	-0.132	-0.231	-0.302	-0.317	-0.265	-0.161	-0.039	0.064	0.128	0.166
7781	77.80	0.222	0.348	0.578	0.898	1.244	1.522	1.644	1.571	1.331	1.010
7791	77.90	0.719	0.544	0.513	0.583	0.670	0.688	0.592	0.399	0.175	0.001
7801	78.00	-0.066	-0.025	0.077	0.166	0.181	0.102	-0.042	-0.192	-0.289	-0.305
7811	78.10	-0.257	-0.189	-0.155	-0.187	-0.283	-0.413	-0.539	-0.639	-0.722	-0.823
7821	78.20	-0.982	-1.225	-1.544	-1.897	-2.225	-2.475	-2.617	-2.655	-2.615	-2.530
7831	78.30	-2.423	-2.300	-2.150	-1.964	-1.745	-1.513	-1.300	-1.139	-1.043	-1.000
7841	78.40	-0.977	-0.931	-0.831	-0.666	-0.452	-0.218	0.007	0.209	0.396	0.591
7851	78.50	0.813	1.066	1.326	1.546	1.674	1.671	1.526	1.269	0.956	0.650
7861	78.60	0.407	0.250	0.173	0.148	0.138	0.115	0.067	0.000	-0.072	-0.136
7871	78.70	-0.188	-0.233	-0.282	-0.341	-0.409	-0.473	-0.514	-0.514	-0.462	-0.361
7881	78.80	-0.228	-0.088	0.034	0.119	0.160	0.162	0.139	0.113	0.101	0.118
7891	78.90	0.166	0.242	0.337	0.446	0.568	0.713	0.891	1.108	1.359	1.620
7901	79.00	1.856	2.024	2.095	2.061	1.938	1.763	1.578	1.414	1.282	1.172
7911	79.10	1.064	0.944	0.816	0.703	0.634	0.630	0.686	0.771	0.833	0.826
7921	79.20	0.729	0.556	0.352	0.172	0.055	0.006	-0.003	-0.015	-0.065	-0.157
7931	79.30	-0.256	-0.311	-0.278	-0.150	0.031	0.187	0.235	0.126	-0.131	-0.472
7941	79.40	-0.802	-1.033	-1.125	-1.097	-1.011	-0.946	-0.952	-1.034	-1.149	-1.234
7951	79.50	-1.237	-1.147	-0.998	-0.852	-0.770	-0.778	-0.859	-0.959	-1.014	-0.979
7961	79.60	-0.851	-0.664	-0.473	-0.326	-0.244	-0.216	-0.205	-0.174	-0.099	0.015
7971	79.70	0.144	0.252	0.314	0.321	0.284	0.230	0.184	0.170	0.201	0.281
7981	79.80	0.409	0.575	0.766	0.963	1.142	1.281	1.366	1.397	1.383	1.343
7991	79.90	1.290	1.230	1.158	1.066	0.951	0.823	0.707	0.631	0.615	0.655

Table 7-18-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	0.722	0.774	0.767	0.677	0.508	0.291	0.065	-0.138	-0.305	-0.445
8011	80.10	-0.580	-0.728	-0.893	-1.060	-1.210	-1.328	-1.417	-1.499	-1.602	-1.747
8021	80.20	-1.933	-2.137	-2.323	-2.460	-2.533	-2.555	-2.547	-2.529	-2.497	-2.418
8031	80.30	-2.248	-1.946	-1.506	-0.970	-0.418	0.051	0.358	0.471	0.415	0.266
8041	80.40	0.115	0.038	0.069	0.190	0.353	0.499	0.590	0.623	0.627	0.646
8051	80.50	0.716	0.841	0.995	1.128	1.189	1.150	1.019	0.837	0.661	0.547
8061	80.60	0.520	0.576	0.681	0.788	0.860	0.883	0.865	0.829	0.799	0.786
8071	80.70	0.782	0.771	0.733	0.666	0.581	0.505	0.462	0.466	0.514	0.585
8081	80.80	0.654	0.703	0.731	0.747	0.763	0.780	0.782	0.740	0.624	0.421
8091	80.90	0.146	-0.161	-0.442	-0.647	-0.743	-0.731	-0.630	-0.475	-0.297	-0.118
8101	81.00	0.046	0.180	0.260	0.260	0.156	-0.053	-0.342	-0.658	-0.938	-1.134
8111	81.10	-1.228	-1.239	-1.214	-1.199	-1.223	-1.279	-1.333	-1.338	-1.264	-1.110
8121	81.20	-0.900	-0.676	-0.471	-0.297	-0.144	0.008	0.174	0.349	0.511	0.638
8131	81.30	0.719	0.768	0.816	0.892	1.002	1.118	1.184	1.141	0.963	0.674
8141	81.40	0.347	0.076	-0.059	-0.036	0.109	0.289	0.408	0.403	0.268	0.050
8151	81.50	-0.181	-0.363	-0.478	-0.551	-0.634	-0.776	-0.988	-1.243	-1.480	-1.638
8161	81.60	-1.677	-1.594	-1.416	-1.181	-0.919	-0.643	-0.353	-0.053	0.238	0.484
8171	81.70	0.641	0.683	0.615	0.478	0.333	0.239	0.226	0.286	0.384	0.476
8181	81.80	0.538	0.571	0.602	0.659	0.753	0.862	0.943	0.954	0.875	0.728
8191	81.90	0.567	0.458	0.441	0.515	0.634	0.726	0.727	0.613	0.411	0.184
8201	82.00	0.005	-0.076	-0.054	0.030	0.113	0.138	0.081	-0.042	-0.185	-0.290
8211	82.10	-0.315	-0.249	-0.111	0.062	0.225	0.349	0.423	0.450	0.445	0.426
8221	82.20	0.403	0.384	0.368	0.352	0.332	0.303	0.265	0.222	0.182	0.158
8231	82.30	0.159	0.187	0.230	0.261	0.249	0.167	0.005	-0.221	-0.474	-0.706
8241	82.40	-0.877	-0.963	-0.966	-0.908	-0.818	-0.717	-0.613	-0.498	-0.361	-0.197
8251	82.50	-0.018	0.149	0.270	0.319	0.286	0.189	0.059	-0.066	-0.147	-0.176
8261	82.60	-0.155	-0.102	-0.040	0.014	0.049	0.064	0.063	0.050	0.024	-0.013
8271	82.70	-0.063	-0.122	-0.179	-0.222	-0.235	-0.207	-0.134	-0.022	0.118	0.267
8281	82.80	0.406	0.521	0.599	0.635	0.632	0.595	0.533	0.452	0.363	0.269
8291	82.90	0.178	0.093	0.021	-0.033	-0.066	-0.074	-0.063	-0.041	-0.021	-0.022
8301	83.00	-0.062	-0.157	-0.316	-0.537	-0.805	-1.090	-1.356	-1.565	-1.688	-1.715
8311	83.10	-1.654	-1.531	-1.382	-1.238	-1.115	-1.015	-0.924	-0.828	-0.717	-0.598
8321	83.20	-0.487	-0.407	-0.373	-0.383	-0.420	-0.457	-0.471	-0.449	-0.396	-0.328
8331	83.30	-0.261	-0.200	-0.135	-0.045	0.093	0.285	0.519	0.762	0.973	1.116
8341	83.40	1.179	1.172	1.127	1.086	1.082	1.133	1.236	1.368	1.497	1.589
8351	83.50	1.616	1.560	1.418	1.206	0.951	0.692	0.467	0.302	0.204	0.154
8361	83.60	0.121	0.069	-0.025	-0.155	-0.292	-0.396	-0.433	-0.394	-0.303	-0.209
8371	83.70	-0.164	-0.202	-0.323	-0.490	-0.643	-0.728	-0.714	-0.603	-0.428	-0.234
8381	83.80	-0.059	0.082	0.193	0.294	0.399	0.508	0.606	0.667	0.672	0.621
8391	83.90	0.534	0.446	0.389	0.381	0.417	0.466	0.489	0.452	0.338	0.156
8401	84.00	-0.063	-0.280	-0.459	-0.580	-0.643	-0.666	-0.672	-0.683	-0.708	-0.741
8411	84.10	-0.761	-0.745	-0.675	-0.548	-0.374	-0.180	0.001	0.143	0.230	0.261
8421	84.20	0.252	0.226	0.207	0.215	0.265	0.358	0.492	0.652	0.821	0.976
8431	84.30	1.097	1.167	1.182	1.148	1.080	0.993	0.896	0.785	0.647	0.465
8441	84.40	0.232	-0.037	-0.310	-0.545	-0.709	-0.792	-0.817	-0.830	-0.882	-1.011
8451	84.50	-1.217	-1.469	-1.720	-1.924	-2.064	-2.154	-2.232	-2.331	-2.464	-2.607
8461	84.60	-2.708	-2.710	-2.577	-2.315	-1.971	-1.617	-1.319	-1.115	-0.999	-0.928
8471	84.70	-0.847	-0.707	-0.489	-0.202	0.124	0.455	0.765	1.040	1.279	1.484
8481	84.80	1.653	1.783	1.869	1.912	1.922	1.912	1.896	1.877	1.851	1.808
8491	84.90	1.740	1.647	1.540	1.434	1.343	1.269	1.202	1.121	1.008	0.851

Table 7-18-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.656	0.440	0.228	0.043	-0.098	-0.187	-0.225	-0.214	-0.163	-0.080
8511	85.10	0.021	0.128	0.225	0.306	0.370	0.427	0.485	0.547	0.606	0.642
8521	85.20	0.637	0.583	0.491	0.396	0.344	0.372	0.491	0.678	0.880	1.035
8531	85.30	1.094	1.040	0.895	0.707	0.526	0.384	0.275	0.166	0.010	-0.230
8541	85.40	-0.556	-0.937	-1.308	-1.601	-1.766	-1.787	-1.690	-1.528	-1.366	-1.255
8551	85.50	-1.223	-1.262	-1.343	-1.421	-1.457	-1.424	-1.317	-1.149	-0.945	-0.729
8561	85.60	-0.522	-0.333	-0.163	-0.013	0.120	0.231	0.313	0.359	0.372	0.364
8571	85.70	0.363	0.385	0.449	0.553	0.677	0.791	0.862	0.870	0.817	0.725
8581	85.80	0.629	0.563	0.544	0.570	0.616	0.649	0.638	0.566	0.436	0.269
8591	85.90	0.096	-0.051	-0.150	-0.192	-0.183	-0.137	-0.075	-0.018	0.019	0.029
8601	86.00	0.013	-0.021	-0.060	-0.091	-0.105	-0.101	-0.084	-0.062	-0.049	-0.053
8611	86.10	-0.080	-0.130	-0.198	-0.275	-0.351	-0.413	-0.450	-0.452	-0.415	-0.343
8621	86.20	-0.250	-0.149	-0.057	0.020	0.086	0.154	0.243	0.364	0.511	0.666
8631	86.30	0.793	0.859	0.838	0.727	0.545	0.327	0.115	-0.059	-0.175	-0.233
8641	86.40	-0.244	-0.225	-0.191	-0.155	-0.125	-0.104	-0.099	-0.117	-0.162	-0.239
8651	86.50	-0.346	-0.480	-0.636	-0.807	-0.985	-1.160	-1.318	-1.438	-1.502	-1.494
8661	86.60	-1.411	-1.265	-1.084	-0.904	-0.761	-0.678	-0.661	-0.697	-0.758	-0.810
8671	86.70	-0.829	-0.801	-0.733	-0.642	-0.550	-0.474	-0.417	-0.369	-0.306	-0.208
8681	86.80	-0.062	0.124	0.329	0.518	0.664	0.756	0.805	0.840	0.894	0.986
8691	86.90	1.110	1.237	1.323	1.333	1.256	1.116	0.962	0.842	0.787	0.789
8701	87.00	0.802	0.769	0.645	0.425	0.149	-0.108	-0.266	-0.277	-0.142	0.087
8711	87.10	0.330	0.511	0.584	0.551	0.449	0.327	0.224	0.149	0.082	-0.010
8721	87.20	-0.152	-0.342	-0.550	-0.726	-0.820	-0.801	-0.667	-0.446	-0.183	0.071
8731	87.30	0.279	0.418	0.491	0.513	0.512	0.517	0.549	0.617	0.712	0.810
8741	87.40	0.882	0.900	0.856	0.759	0.634	0.514	0.421	0.357	0.307	0.242
8751	87.50	0.160	-0.004	-0.173	-0.339	-0.471	-0.559	-0.607	-0.636	-0.663	-0.686
8761	87.60	-0.685	-0.629	-0.498	-0.300	-0.078	0.105	0.189	0.151	0.014	-0.156
8771	87.70	-0.280	-0.301	-0.211	-0.051	0.107	0.197	0.188	0.099	-0.015	-0.094
8781	87.80	-0.104	-0.054	0.010	0.030	-0.030	-0.170	-0.355	-0.533	-0.664	-0.736
8791	87.90	-0.764	-0.775	-0.780	-0.765	-0.698	-0.546	-0.306	-0.015	0.251	0.415
8801	88.00	0.428	0.298	0.088	-0.112	-0.223	-0.215	-0.120	-0.011	0.032	-0.034
8811	88.10	-0.196	-0.394	-0.548	-0.597	-0.532	-0.389	-0.237	-0.134	-0.107	-0.134
8821	88.20	-0.165	-0.145	-0.044	0.130	0.340	0.541	0.701	0.815	0.902	0.984
8831	88.30	1.073	1.157	1.202	1.176	1.063	0.878	0.662	0.471	0.350	0.320
8841	88.40	0.370	0.464	0.559	0.623	0.640	0.617	0.570	0.522	0.491	0.485
8851	88.50	0.503	0.535	0.569	0.584	0.562	0.491	0.368	0.209	0.043	-0.096
8861	88.60	-0.180	-0.201	-0.178	-0.150	-0.159	-0.234	-0.375	-0.554	-0.727	-0.855
8871	88.70	-0.923	-0.947	-0.969	-1.027	-1.141	-1.295	-1.441	-1.525	-1.512	-1.406
8881	88.80	-1.257	-1.134	-1.100	-1.173	-1.320	-1.466	-1.523	-1.435	-1.202	-0.882
8891	88.90	-0.570	-0.355	-0.282	-0.337	-0.454	-0.551	-0.564	-0.476	-0.323	-0.170
8901	89.00	-0.079	-0.076	-0.142	-0.220	-0.247	-0.181	-0.019	0.208	0.452	0.673
8911	89.10	0.858	1.014	1.157	1.293	1.406	1.462	1.431	1.303	1.104	0.887
8921	89.20	0.711	0.613	0.588	0.594	0.571	0.475	0.302	0.093	-0.088	-0.185
8931	89.30	-0.181	-0.108	-0.032	-0.016	-0.085	-0.207	-0.307	-0.300	-0.138	0.165
8941	89.40	0.532	0.854	1.037	1.045	0.913	0.727	0.585	0.549	0.619	0.734
8951	89.50	0.807	0.767	0.590	0.315	0.020	-0.211	-0.320	-0.293	-0.158	0.037
8961	89.60	0.252	0.459	0.651	0.823	0.961	1.038	1.021	0.888	0.666	0.334
8971	89.70	0.012	-0.256	-0.433	-0.510	-0.512	-0.475	-0.432	-0.401	-0.380	-0.363
8981	89.80	-0.346	-0.337	-0.349	-0.392	-0.461	-0.536	-0.588	-0.598	-0.569	-0.527
8991	89.90	-0.509	-0.541	-0.623	-0.719	-0.776	-0.745	-0.610	-0.395	-0.160	0.032

Table 7-18-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.141	0.166	0.147	0.137	0.171	0.251	0.340	0.386	0.354	0.250
9011	90.10	0.118	0.023	0.011	0.087	0.202	0.278	0.248	0.091	-0.152	-0.394
9021	90.20	-0.543	-0.539	-0.390	-0.161	0.057	0.186	0.202	0.156	0.045	-0.004
9031	90.30	0.009	0.056	0.080	0.024	-0.133	-0.362	-0.599	-0.772	-0.842	-0.813
9041	90.40	-0.731	-0.658	-0.637	-0.672	-0.733	-0.773	-0.758	-0.690	-0.603	-0.549
9051	90.50	-0.565	-0.656	-0.791	-0.915	-0.973	-0.939	-0.817	-0.640	-0.445	-0.266
9061	90.60	-0.106	0.035	0.168	0.300	0.428	0.547	0.654	0.753	0.857	0.970
9071	90.70	1.085	1.176	1.212	1.174	1.068	0.932	0.820	0.785	0.845	0.976
9081	90.80	1.116	1.194	1.160	1.009	0.788	0.572	0.434	0.412	0.491	0.619
9091	90.90	0.724	0.754	0.694	0.567	0.422	0.302	0.229	0.194	0.164	0.104
9101	91.00	-0.006	-0.163	-0.345	-0.523	-0.675	-0.789	-0.865	-0.909	-0.920	-0.894
9111	91.10	-0.826	-0.719	-0.587	-0.453	-0.347	-0.286	-0.272	-0.288	-0.310	-0.310
9121	91.20	-0.276	-0.207	-0.117	-0.020	0.073	0.157	0.231	0.294	0.334	0.337
9131	91.30	0.287	0.182	0.033	-0.131	-0.277	-0.376	-0.416	-0.407	-0.375	-0.350
9141	91.40	-0.355	-0.396	-0.464	-0.539	-0.603	-0.643	-0.653	-0.640	-0.608	-0.568
9151	91.50	-0.527	-0.498	-0.492	-0.521	-0.590	-0.689	-0.792	-0.861	-0.861	-0.770
9161	91.60	-0.595	-0.369	-0.147	0.018	0.092	0.069	-0.022	-0.138	-0.231	-0.271
9171	91.70	-0.252	-0.185	-0.091	0.012	0.120	0.240	0.382	0.549	0.729	0.899
9181	91.80	1.030	1.098	1.100	1.050	0.976	0.911	0.877	0.881	0.908	0.936
9191	91.90	0.942	0.912	0.853	0.785	0.739	0.739	0.797	0.902	1.023	1.123
9201	92.00	1.167	1.141	1.056	0.951	0.871	0.858	0.930	1.076	1.255	1.415
9211	92.10	1.513	1.525	1.457	1.336	1.193	1.049	0.908	0.753	0.566	0.335
9221	92.20	0.064	-0.229	-0.520	-0.794	-1.052	-1.306	-1.565	-1.830	-2.079	-2.279
9231	92.30	-2.403	-2.443	-2.424	-2.393	-2.398	-2.461	-2.558	-2.629	-2.599	-2.414
9241	92.40	-2.069	-1.623	-1.171	-0.811	-0.601	-0.537	-0.555	-0.569	-0.506	-0.343
9251	92.50	-0.113	0.115	0.278	0.348	0.351	0.352	0.420	0.595	0.862	1.159
9261	92.60	1.402	1.525	1.592	1.359	1.154	0.949	0.781	0.654	0.543	0.417
9271	92.70	0.261	0.082	-0.090	-0.223	-0.299	-0.320	-0.309	-0.296	-0.302	-0.328
9281	92.80	-0.356	-0.399	-0.420	-0.433	-0.450	-0.481	-0.523	-0.562	-0.571	-0.527
9291	92.90	-0.420	-0.260	-0.073	0.111	0.270	0.395	0.493	0.577	0.661	0.751
9301	93.00	0.845	0.933	1.007	1.057	1.074	1.054	0.992	0.891	0.763	0.628
9311	93.10	0.511	0.431	0.390	0.368	0.333	0.250	0.104	-0.089	-0.282	-0.419
9321	93.20	-0.457	-0.392	-0.260	-0.128	-0.057	-0.074	-0.154	-0.233	-0.235	-0.118
9331	93.30	0.103	0.356	0.538	0.574	0.451	0.235	0.054	0.036	0.258	0.704
9341	93.40	1.266	1.782	2.105	2.156	1.950	1.587	1.203	0.909	0.754	0.713
9351	93.50	0.710	0.663	0.525	0.295	0.017	-0.257	-0.491	-0.684	-0.863	-1.057
9361	93.60	-1.275	-1.493	-1.666	-1.747	-1.722	-1.618	-1.503	-1.454	-1.523	-1.714
9371	93.70	-1.973	-2.217	-2.358	-2.348	-2.189	-1.934	-1.659	-1.434	-1.293	-1.229
9381	93.80	-1.201	-1.155	-1.046	-0.855	-0.589	-0.274	0.061	0.392	0.704	0.990
9391	93.90	1.243	1.454	1.611	1.703	1.722	1.674	1.571	1.433	1.280	1.128
9401	94.00	0.986	0.857	0.737	0.625	0.518	0.419	0.331	0.257	0.196	0.140
9411	94.10	0.076	-0.015	-0.152	-0.342	-0.581	-0.846	-1.102	-1.311	-1.445	-1.493
9421	94.20	-1.467	-1.391	-1.296	-1.200	-1.104	-0.989	-0.834	-0.620	-0.350	-0.049
9431	94.30	0.246	0.498	0.683	0.806	0.891	0.974	1.083	1.232	1.412	1.603
9441	94.40	1.778	1.923	2.031	2.107	2.155	2.174	2.155	2.087	1.965	1.796
9451	94.50	1.598	1.393	1.196	1.010	0.825	0.625	0.400	0.152	-0.101	-0.335
9461	94.60	-0.536	-0.706	-0.868	-1.055	-1.294	-1.586	-1.901	-2.185	-2.377	-2.432
9471	94.70	-2.343	-2.140	-1.882	-1.636	-1.451	-1.350	-1.318	-1.322	-1.323	-1.293
9481	94.80	-1.223	-1.126	-1.020	-0.924	-0.846	-0.779	-0.706	-0.604	-0.459	-0.261
9491	94.90	-0.018	0.251	0.517	0.747	0.911	0.988	0.974	0.879	0.729	0.556

Table 7-18-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1210 S104-FU-1-4 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.015 (GAL) T= 24.37 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	0.390	0.251	0.150	0.081	0.034	-0.003	-0.036	-0.070	-0.103	-0.134
9511	95.10	-0.163	-0.190	-0.217	-0.239	-0.248	-0.232	-0.183	-0.099	0.013	0.141
9521	95.20	0.270	0.392	0.508	0.628	0.767	0.932	1.118	1.308	1.476	1.599
9531	95.30	1.662	1.670	1.638	1.588	1.540	1.502	1.467	1.428	1.374	1.308
9541	95.40	1.241	1.189	1.162	1.154	1.139	1.075	0.924	0.661	0.295	-0.135
9551	95.50	-0.567	-0.935	-1.191	-1.320	-1.342	-1.308	-1.273	-1.285	-1.360	-1.488
9561	95.60	-1.632	-1.748	-1.804	-1.787	-1.707	-1.596	-1.491	-1.423	-1.406	-1.433
9571	95.70	-1.475	-1.493	-1.448	-1.313	-1.082	-0.775	-0.433	-0.108	0.150	0.310
9581	95.80	0.371	0.362	0.335	0.345	0.435	0.619	0.877	1.162	1.420	1.605
9591	95.90	1.694	1.693	1.629	1.537	1.450	1.385	1.345	1.322	1.306	1.288
9601	96.00	1.262	1.223	1.167	1.092	0.997	0.894	0.801	0.742	0.733	0.774
9611	96.10	0.862	0.893	0.878	0.760	0.535	0.233	-0.087	-0.362	-0.547	-0.629
9621	96.20	-0.635	-0.610	-0.603	-0.641	-0.721	-0.817	-0.896	-0.935	-0.936	-0.919
9631	96.30	-0.917	-0.952	-1.031	-1.139	-1.252	-1.369	-1.418	-1.459	-1.477	-1.467
9641	96.40	-1.418	-1.310	-1.139	-0.919	-0.698	-0.537	-0.491	-0.577	-0.763	-0.970
9651	96.50	-1.101	-1.081	-0.893	-0.579	-0.233	0.049	0.205	0.235	0.199	0.181
9661	96.60	0.247	0.406	0.608	0.763	0.790	0.654	0.395	0.107	-0.098	-0.140
9671	96.70	-0.006	0.249	0.526	0.730	0.807	0.761	0.645	0.527	0.452	0.426
9681	96.80	0.417	0.378	0.280	0.123	-0.055	-0.205	-0.285	-0.282	-0.212	-0.108
9691	96.90	0.003	0.111	0.227	0.372	0.554	0.761	0.959	1.108	1.179	1.174
9701	97.00	1.121	1.066	1.052	1.100	1.204	1.337	1.462	1.553	1.593	1.582
9711	97.10	1.522	1.417	1.272	1.094	0.903	0.724	0.585	0.502	0.470	0.458
9721	97.20	0.423	0.330	0.166	-0.054	-0.292	-0.510	-0.689	-0.841	-1.000	-1.201
9731	97.30	-1.462	-1.768	-2.073	-2.325	-2.488	-2.550	-2.570	-2.561	-2.567	-2.590
9741	97.40	-2.601	-2.559	-2.436	-2.242	-2.024	-1.850	-1.776	-1.814	-1.924	-2.029
9751	97.50	-2.043	-1.912	-1.633	-1.260	-0.873	-0.547	-0.322	-0.194	-0.124	-0.063
9761	97.60	0.019	0.125	0.232	0.306	0.327	0.293	0.226	0.154	0.101	0.076
9771	97.70	0.073	0.082	0.098	0.128	0.186	0.285	0.423	0.579	0.717	0.799
9781	97.80	0.800	0.722	0.591	0.453	0.357	0.340	0.419	0.588	0.823	1.088
9791	97.90	1.349	1.576	1.746	1.851	1.890	1.873	1.816	1.736	1.649	1.562
9801	98.00	1.477	1.390	1.299	1.207	1.122	1.058	1.022	1.015	1.021	1.019
9811	98.10	0.984	0.901	0.775	0.623	0.476	0.362	0.294	0.269	0.268	0.266
9821	98.20	0.246	0.205	0.156	0.121	0.115	0.140	0.179	0.202	0.176	0.082
9831	98.30	-0.076	-0.274	-0.470	-0.626	-0.717	-0.738	-0.707	-0.647	-0.578	-0.509
9841	98.40	-0.432	-0.332	-0.201	-0.049	0.096	0.193	0.206	0.119	-0.047	-0.243
9851	98.50	-0.405	-0.473	-0.421	-0.261	-0.038	0.187	0.361	0.460	0.495	0.496
9861	98.60	0.498	0.518	0.545	0.547	0.490	0.359	0.175	-0.013	-0.141	-0.160
9871	98.70	-0.056	0.138	0.356	0.522	0.584	0.532	0.399	0.245	0.129	0.086
9881	98.80	0.107	0.152	0.164	0.097	-0.064	-0.301	-0.568	-0.809	-0.982	-1.063
9891	98.90	-1.059	-0.989	-0.882	-0.766	-0.659	-0.574	-0.520	-0.501	-0.518	-0.563
9901	99.00	-0.622	-0.675	-0.700	-0.681	-0.615	-0.508	-0.376	-0.240	-0.119	-0.028
9911	99.10	0.022	0.023	-0.028	-0.128	-0.266	-0.420	-0.555	-0.641	-0.652	-0.586
9921	99.20	-0.461	-0.315	-0.190	-0.122	-0.123	-0.181	-0.267	-0.347	-0.393	-0.396
9931	99.30	-0.363	-0.309	-0.251	-0.197	-0.148	-0.097	-0.042	0.016	0.065	0.095

Table 7-19-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1211 S601-DA-1-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 30.736 (GAL) T= 9.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.423	-0.184	1.756	4.008	5.924	6.805	6.183	4.070	1.031	-1.966
11	0.10	-3.901	-4.110	-2.585	-0.009	2.495	3.821	3.333	1.145	-1.929	-4.710
21	0.20	-6.140	-5.705	-3.627	-0.739	1.873	3.298	3.129	1.554	-0.776	-3.039
31	0.30	-4.531	-4.868	-4.029	-2.287	-0.078	2.115	3.849	4.770	4.670	3.538
41	0.40	1.598	-0.711	-2.836	-4.275	-4.755	-4.328	-3.343	-2.279	-1.527	-1.199
51	0.50	-1.092	-0.802	0.041	1.540	3.425	5.120	5.977	5.557	3.835	1.235
61	0.60	-1.528	-3.721	-4.868	-4.895	-4.110	-3.027	-2.134	-1.694	-1.675	-1.810
71	0.70	-1.747	-1.217	-0.146	1.319	2.875	4.173	4.929	5.000	4.413	3.342
81	0.80	2.052	0.832	-0.070	-0.501	-0.433	0.039	0.725	1.392	1.829	1.904
91	0.90	1.599	1.016	0.349	-0.173	-0.348	-0.070	0.636	1.605	2.577	3.273
101	1.00	3.483	3.145	2.364	1.372	0.428	-0.297	-0.801	-1.245	-1.865	-2.827
111	1.10	-4.090	-5.360	-6.162	-6.023	-4.685	-2.262	0.748	3.603	5.568	6.180
121	1.20	5.409	3.657	1.594	-0.090	-0.934	-0.846	-0.098	0.804	1.326	1.100
131	1.30	0.045	-1.598	-3.349	-4.624	-4.922	-3.986	-1.917	0.806	3.436	5.163
141	1.40	5.391	3.964	1.278	-1.820	-4.298	-5.322	-4.574	-2.396	0.329	2.518
151	1.50	3.320	2.452	0.313	-2.197	-4.042	-4.470	-3.298	-0.948	1.752	3.913
161	1.60	4.912	4.589	3.227	1.394	-0.307	-1.430	-1.790	-1.443	-0.608	0.436
171	1.70	1.421	2.129	2.407	2.185	1.488	0.447	-0.723	-1.766	-2.464	-2.692
181	1.80	-2.448	-1.837	-1.020	-0.163	0.592	1.132	1.364	1.217	0.666	-0.225
191	1.90	-1.279	-2.225	-2.773	-2.720	-2.035	-0.892	0.402	1.518	2.234	2.501
201	2.00	2.417	2.141	1.779	1.336	0.738	-0.069	-1.024	-1.922	-2.477	-2.462
211	2.10	-1.844	-0.844	0.140	0.696	0.593	-0.115	-1.120	-2.020	-2.520	-2.572
221	2.20	-2.375	-2.236	-2.369	-2.742	-3.073	-2.966	-2.139	-0.604	1.290	2.981
231	2.30	3.947	3.939	3.104	1.914	0.958	0.678	1.185	2.241	3.388	4.165
241	2.40	4.309	3.828	2.960	2.023	1.269	0.798	0.564	0.453	0.377	0.322
251	2.50	0.329	0.431	0.596	0.702	0.589	0.144	-0.621	-1.534	-2.315	-2.679
261	2.60	-2.462	-1.707	-0.675	0.238	0.639	0.290	-0.793	-2.325	-3.836	-4.824
271	2.70	-4.933	-4.075	-2.467	-0.551	1.159	2.250	2.543	2.123	1.268	0.324
281	2.80	-0.425	-0.826	-0.851	-0.539	0.055	0.868	1.778	2.548	2.819	2.207
291	2.90	0.489	-2.200	-5.287	-7.866	-9.016	-8.182	-5.484	-1.742	1.801	3.984
301	3.00	4.235	2.829	0.758	-0.749	-0.832	0.557	2.621	4.111	3.978	1.951
311	3.10	-1.261	-4.259	-5.621	-4.609	-1.563	2.220	5.084	5.796	4.123	0.920
321	3.20	-2.308	-4.150	-3.962	-2.126	0.203	1.744	1.757	0.403	-1.389	-2.454
331	3.30	-2.038	-0.208	2.195	4.001	4.345	3.112	0.985	-0.929	-1.687	-0.992
341	3.40	0.676	2.354	3.132	2.646	1.262	-0.143	-0.674	0.080	1.803	3.593
351	3.50	4.415	3.619	1.266	-1.903	-4.816	-6.562	-6.767	-5.687	-3.999	-2.425
361	3.60	-1.397	-0.906	-0.617	-0.117	0.828	2.156	3.571	4.726	5.406	5.597
371	3.70	5.430	5.045	4.484	3.674	2.533	1.095	-0.405	-1.591	-2.110	-1.834
381	3.80	-0.973	-0.029	0.416	-0.027	-1.347	-3.105	-4.605	-5.187	-4.520	-2.742
391	3.90	-0.406	1.753	3.102	3.338	2.560	1.177	-0.283	-1.374	-1.856	-1.717
401	4.00	-1.114	-0.269	0.600	1.325	1.789	1.926	1.720	1.222	0.549	-0.139
411	4.10	-0.679	-0.959	-0.943	-0.667	-0.190	0.440	1.210	2.100	3.036	3.840
421	4.20	4.253	4.031	3.071	1.521	-0.219	-1.627	-2.273	-2.033	-1.177	-0.284
431	4.30	0.024	-0.615	-2.086	-3.811	-4.982	-4.946	-3.540	-1.217	1.123	2.523
441	4.40	2.409	0.874	-1.353	-3.233	-3.888	-3.003	-0.955	1.393	3.114	3.656
451	4.50	3.079	1.968	1.084	0.934	1.493	2.212	2.325	1.284	-0.905	-3.611
461	4.60	-5.834	-6.660	-5.692	-3.259	-0.290	2.072	2.957	2.069	-0.138	-2.768
471	4.70	-4.812	-5.543	-4.732	-2.670	0.008	2.562	4.371	5.051	4.502	2.875
481	4.80	0.531	-2.020	-4.202	-5.486	-5.538	-4.331	-2.186	0.308	2.478	3.793
491	4.90	4.038	3.349	2.125	0.828	-0.198	-0.831	-1.152	-1.329	-1.489	-1.639

Table 7-19-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1211 S601-DA-1-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 30.736 (GAL) T= 9.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-1.684	-1.506	-1.061	-0.417	0.275	0.852	1.216	1.354	1.312	1.124
511	5.10	0.785	0.266	-0.420	-1.157	-1.710	-1.803	-1.249	-0.070	1.460	2.899
521	5.20	3.803	3.914	3.255	2.110	0.878	-0.102	-0.677	-0.891	-0.883	-0.765
531	5.30	-0.535	-0.102	0.612	1.553	2.494	3.108	3.130	2.522	1.530	0.591
541	5.40	0.118	0.276	0.874	1.439	1.458	0.657	-0.812	-2.399	-3.393	-3.261
551	5.50	-1.929	0.140	2.123	3.180	2.824	1.134	-1.273	-3.502	-4.746	-4.598
561	5.60	-3.178	-1.040	1.089	2.608	3.260	3.179	2.777	2.534	2.781	3.571
571	5.70	4.667	5.638	6.028	5.515	4.023	1.754	-0.866	-3.308	-5.091	-5.913
581	5.80	-5.736	-4.784	-3.466	-2.230	-1.421	-1.172	-1.373	-1.741	-1.942	-1.737
591	5.90	-1.079	-0.128	0.815	1.437	1.544	1.136	0.410	-0.334	-0.820	-0.921
601	6.00	-0.722	-0.488	-0.558	-1.188	-2.428	-4.066	-5.677	-6.765	-6.933	-6.029
611	6.10	-4.199	-1.832	0.573	2.580	3.930	4.590	4.693	4.443	4.011	3.486
621	6.20	2.897	2.269	1.692	1.324	1.350	1.877	2.855	4.038	5.034	5.422
631	6.30	4.897	3.378	1.051	-1.675	-4.283	-6.277	-7.305	-7.240	-6.196	-4.500
641	6.40	-2.614	-1.023	-0.108	-0.044	-0.741	-1.863	-2.934	-3.495	-3.269	-2.250
651	6.50	-0.704	0.943	2.273	3.024	3.163	2.852	2.343	1.839	1.424	1.055
661	6.60	0.634	0.102	-0.504	-1.056	-1.390	-1.390	-1.034	-0.392	0.416	1.267
671	6.70	2.064	2.724	3.162	3.284	3.026	2.412	1.595	0.839	0.417	0.478
681	6.80	0.937	1.472	1.651	1.141	-0.090	-1.710	-3.128	-3.756	-3.293	-1.896
691	6.90	-0.131	1.269	1.747	1.188	-0.028	-1.208	-1.682	-1.127	0.294	2.025
701	7.00	3.401	3.965	3.665	2.826	1.931	1.342	1.106	0.945	0.436	-0.734
711	7.10	-2.573	-4.758	-6.777	-8.159	-8.660	-8.326	-7.391	-6.115	-4.640	-2.968
721	7.20	-1.051	1.066	3.163	4.880	5.882	6.042	5.552	4.868	4.501	4.754
731	7.30	5.541	6.401	6.695	5.926	3.995	1.288	-1.472	-3.536	-4.442	-4.197
741	7.40	-3.233	-2.162	-1.474	-1.315	-1.457	-1.474	-1.009	-0.007	1.225	2.157
751	7.50	2.304	1.485	-0.051	-1.713	-2.814	-2.883	-1.871	-0.183	1.490	2.468
761	7.60	2.348	1.161	-0.669	-2.515	-3.798	-4.197	-3.733	-2.706	-1.552	-0.662
771	7.70	-0.265	-0.388	-0.896	-1.567	-2.176	-2.538	-2.537	-2.127	-1.339	-0.285
781	7.80	0.849	1.836	2.466	2.614	2.294	1.656	0.937	0.365	0.077	0.047
791	7.90	0.214	0.354	0.372	0.261	0.115	0.066	0.195	0.472	0.766	0.914
801	8.00	0.818	0.522	0.201	0.087	0.331	0.912	1.607	2.085	2.065	1.473
811	8.10	0.524	-0.332	-0.588	0.097	1.712	3.849	5.816	6.877	6.525	4.679
821	8.20	1.730	-1.587	-4.442	-6.181	-6.522	-5.608	-3.914	-2.046	-0.536	0.314
831	8.30	0.478	0.147	-0.389	-0.863	-1.106	-1.064	-0.752	-0.212	0.522	1.407
841	8.40	2.356	3.194	3.660	3.458	2.362	0.318	-2.474	-5.565	-8.342	-10.174
851	8.50	-10.584	-9.373	-6.685	-2.967	1.141	4.953	7.888	9.582	9.943	9.133
861	8.60	7.508	5.511	3.565	1.980	0.897	0.292	0.005	-0.192	-0.527	-1.182
871	8.70	-2.255	-3.752	-5.584	-7.556	-9.389	-10.749	-11.329	-10.951	-9.661	-7.766
881	8.80	-5.759	-4.155	-3.271	-3.054	-3.057	-2.589	-1.009	1.974	6.120	10.710
891	8.90	14.813	17.642	18.836	18.498	16.997	14.629	11.362	6.844	0.718	-6.885
901	9.00	-14.976	-21.721	-24.942	-22.989	-15.584	-4.231	8.096	17.941	22.650	21.405
911	9.10	15.502	7.728	1.087	-2.545	-3.193	-2.611	-3.223	-6.704	-12.895	-19.626
921	9.20	-23.591	-21.884	-13.497	-0.046	14.672	26.100	30.736	27.515	18.158	6.361
931	9.30	-3.793	-9.462	-10.032	-7.067	-3.350	-1.521	-2.943	-7.262	-12.759	-17.225
941	9.40	-18.885	-16.991	-11.880	-4.631	3.413	10.994	17.066	20.764	21.401	18.628
951	9.50	12.705	4.716	-3.498	-9.807	-12.530	-11.152	-6.644	-1.175	2.724	3.220
961	9.60	-0.032	-5.724	-11.451	-14.733	-14.042	-9.355	-2.025	5.938	12.773	17.619
971	9.70	20.610	22.443	23.707	24.376	23.777	21.020	15.650	8.115	-0.234	-7.663
981	9.80	-12.812	-15.293	-15.786	-15.564	-15.696	-16.372	-16.746	-15.429	-11.385	-4.756
991	9.90	2.878	9.024	11.385	9.036	3.044	-3.849	-8.403	-8.394	-3.752	3.285

Table 7-19-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1211 S601-DA-1-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 30.736 (GAL) T= 9.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	9.127	10.499	6.053	-2.855	-12.631	-18.982	-18.835	-11.760	-0.236	11.387
1011	10.10	18.740	19.290	13.343	3.795	-5.223	-10.158	-9.461	-4.048	3.358	9.594
1021	10.20	12.472	11.581	8.188	4.387	1.973	1.620	2.706	3.793	3.451	0.974
1031	10.30	-3.332	-8.375	-12.819	-15.625	-16.331	-15.005	-11.985	-7.637	-2.301	3.568
1041	10.40	9.212	13.532	15.324	13.724	8.663	1.067	-7.343	-14.613	-19.224	-20.581
1051	10.50	-19.091	-15.826	-11.961	-8.276	-4.976	-1.867	1.252	4.242	6.550	7.448
1061	10.60	6.463	3.734	0.078	-3.283	-5.214	-5.117	-3.109	0.139	3.794	7.241
1071	10.70	10.245	12.814	14.887	16.081	15.700	13.058	7.953	1.026	-6.247	-12.005
1081	10.80	-14.701	-13.750	-9.783	-4.376	0.621	3.834	4.833	4.105	2.595	1.097
1091	10.90	-0.150	-1.449	-3.232	-5.535	-7.703	-8.556	-6.983	-2.650	3.584	9.843
1101	11.00	13.986	14.611	11.804	7.201	3.287	2.204	4.639	9.367	13.711	14.759
1111	11.10	10.781	2.164	-8.591	-17.866	-22.465	-20.989	-14.431	-5.701	1.666	5.027
1121	11.20	3.672	-1.061	-6.578	-10.314	-10.856	-8.406	-4.416	-0.663	1.709	2.692
1131	11.30	3.217	4.447	6.960	10.318	13.252	14.356	12.898	9.287	4.920	1.477
1141	11.40	0.050	0.580	1.918	2.493	1.224	-1.817	-5.385	-7.708	-7.475	-4.633
1151	11.50	-0.535	2.670	3.119	0.234	-4.904	-10.029	-12.804	-12.015	-8.230	-3.565
1161	11.60	-0.652	-1.310	-5.591	-11.685	-16.746	-18.247	-15.190	-8.595	-1.024	4.604
1171	11.70	6.345	4.071	-0.548	-4.865	-6.453	-4.112	1.740	9.405	16.722	21.933
1181	11.80	24.215	23.720	21.213	17.585	13.499	9.303	5.134	1.081	-2.752	-6.297
1191	11.90	-9.597	-12.787	-15.912	-18.683	-20.328	-19.724	-15.840	-8.326	2.029	13.259
1201	12.00	22.712	27.926	27.539	21.839	12.701	2.912	-4.821	-8.772	-8.661	-5.525
1211	12.10	-1.148	2.682	4.746	4.641	2.674	-0.422	-3.779	-6.579	-8.141	-7.984
1221	12.20	-5.940	-2.287	2.189	6.333	8.984	9.465	7.962	5.570	3.887	4.300
1231	12.30	7.257	11.903	16.300	18.211	16.096	9.880	1.094	-7.715	-14.057	-16.558
1241	12.40	-15.511	-12.639	-10.184	-9.753	-11.505	-14.057	-15.188	-12.983	-6.864	2.010
1251	12.50	11.164	17.863	20.281	18.223	13.082	7.067	2.130	-0.864	-2.329	-3.445
1261	12.60	-5.264	-7.952	-10.598	-11.699	-10.069	-5.658	0.211	5.349	7.742	6.589
1271	12.70	2.770	-1.540	-3.976	-3.243	0.100	3.793	4.952	1.554	-6.378	-16.526
1281	12.80	-25.140	-28.637	-25.218	-15.717	-3.283	7.978	14.763	15.926	12.811	8.440
1291	12.90	5.985	7.241	11.811	17.351	20.695	19.322	12.479	1.502	-10.752	-21.030
1301	13.00	-26.849	-27.245	-22.859	-15.469	-7.250	-0.103	4.749	6.836	6.319	3.795
1311	13.10	0.130	-3.673	-6.608	-7.836	-6.875	-3.720	1.146	6.880	12.490	17.027
1321	13.20	19.693	19.876	17.165	11.438	3.036	-7.050	-17.146	-25.136	-29.014	-27.573
1331	13.30	-20.968	-10.853	0.045	8.812	13.363	13.172	9.400	4.359	0.542	-0.373
1341	13.40	1.872	6.121	10.369	12.589	11.476	6.814	-0.603	-9.341	-17.794	-24.523
1351	13.50	-28.422	-28.758	-25.222	-18.035	-8.077	3.099	13.482	21.083	24.536	23.567
1361	13.60	19.115	12.984	7.157	3.041	0.980	0.249	-0.483	-2.434	-6.079	-10.881
1371	13.70	-15.506	-18.376	-18.327	-15.059	-9.223	-2.149	4.643	9.920	13.048	14.079
1381	13.80	13.639	12.697	12.289	13.232	15.845	19.753	23.840	26.461	25.937	21.215
1391	13.90	12.456	1.254	-9.714	-17.562	-20.314	-17.772	-11.714	-5.229	-1.419	-1.995
1401	14.00	-6.432	-12.110	-15.481	-13.744	-6.305	4.713	15.196	20.739	18.583	8.914
1411	14.10	-5.094	-18.538	-26.805	-27.449	-21.104	-11.038	-1.585	3.813	4.061	0.729
1421	14.20	-2.858	-3.307	1.187	9.952	20.097	27.751	29.723	24.835	14.402	1.690
1431	14.30	-9.359	-15.601	-15.756	-10.714	-3.015	4.215	8.459	8.664	5.500	0.964
1441	14.40	-2.497	-2.982	0.090	5.732	11.746	15.579	15.328	10.544	2.476	-6.351
1451	14.50	-13.074	-15.594	-13.376	-7.639	-0.842	4.293	5.821	3.226	-2.532	-9.555
1461	14.60	-15.810	-19.832	-21.043	-19.621	-16.112	-11.055	-4.859	2.066	9.046	15.034
1471	14.70	18.781	19.289	16.309	10.608	3.797	-2.241	-6.081	-7.299	-6.561	-5.228
1481	14.80	-4.677	-5.678	-8.110	-11.124	-13.602	-14.657	-13.912	-11.471	-7.694	-2.958
1491	14.90	2.398	7.950	13.014	16.625	17.796	15.974	11.464	5.542	0.099	-3.078

Table 7-19-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1211 S601-DA-1-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 30.736 (GAL) T= 9.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-3.072	-0.267	3.802	7.143	8.203	6.546	2.954	-1.061	-4.083	-5.484
1511	15.10	-5.634	-5.512	-5.975	-7.117	-8.095	-7.582	-4.579	0.825	7.231	12.407
1521	15.20	14.276	11.947	6.248	-0.537	-5.634	-7.017	-4.325	0.967	6.211	8.762
1531	15.30	7.134	1.606	-5.940	-12.850	-16.773	-16.508	-12.292	-5.481	2.136	9.045
1541	15.40	14.417	18.110	20.369	21.437	21.332	19.861	16.849	12.395	7.002	1.479
1551	15.50	-3.328	-6.842	-8.955	-10.002	-10.552	-11.105	-11.859	-12.637	-13.015	-12.573
1561	15.60	-11.142	-8.934	-6.493	-4.480	-3.413	-3.447	-4.316	-5.448	-6.199	-6.126
1571	15.70	-5.170	-3.682	-2.290	-1.647	-2.174	-3.887	-6.358	-8.839	-10.488	-10.613
1581	15.80	-8.881	-5.414	-0.762	4.225	8.604	11.561	12.613	11.728	9.342	6.248
1591	15.90	3.389	1.589	1.316	2.555	4.833	7.401	9.504	10.632	10.654	9.796
1601	16.00	8.456	6.987	5.521	3.951	2.062	-0.251	-2.792	-5.025	-6.221	-5.748
1611	16.10	-3.395	0.448	4.822	8.486	10.337	9.811	7.102	3.085	-1.007	-4.061
1621	16.20	-5.501	-5.478	-4.759	-4.349	-5.007	-6.857	-9.284	-11.158	-11.319	-9.112
1631	16.30	-4.752	0.670	5.550	8.380	8.338	5.624	1.377	-2.793	-5.444	-5.858
1641	16.40	-4.246	-1.556	1.027	2.630	3.016	2.567	1.931	1.570	1.452	1.075
1651	16.50	-0.194	-2.641	-5.866	-8.814	-10.180	-9.043	-5.383	-0.228	4.697	7.687
1661	16.60	7.792	5.251	1.376	-2.046	-3.563	-2.699	-0.109	2.805	4.623	4.611
1671	16.70	3.054	1.043	-0.159	0.162	1.728	3.361	3.574	1.372	-3.132	-8.628
1681	16.80	-13.103	-14.734	-12.735	-7.778	-1.742	3.087	5.039	3.804	0.572	-2.528
1691	16.90	-3.429	-1.110	3.882	9.629	13.671	14.097	10.406	3.750	-3.542	-8.943
1701	17.00	-10.771	-8.829	-4.387	0.467	3.776	4.526	2.972	0.358	-1.776	-2.361
1711	17.10	-1.254	0.797	2.623	3.270	2.482	0.780	-0.857	-1.526	-0.861	0.806
1721	17.20	2.660	3.850	3.920	3.007	1.711	0.723	0.433	0.724	1.063	0.824
1731	17.30	-0.334	-2.240	-4.269	-5.631	-5.763	-4.598	-2.590	-0.481	1.054	1.713
1741	17.40	1.674	1.457	1.627	2.497	3.962	5.555	6.654	6.765	5.726	3.764
1751	17.50	1.403	-0.734	-2.124	-2.489	-1.843	-0.453	1.255	2.824	3.879	4.233
1761	17.60	3.933	3.243	2.557	2.249	2.509	3.245	4.085	4.508	4.054	2.524
1771	17.70	0.092	-2.740	-5.319	-7.077	-7.726	-7.329	-6.226	-4.863	-3.619	-2.697
1781	17.80	-2.126	-1.847	-1.816	-2.051	-2.605	-3.484	-4.560	-5.561	-6.145	-6.031
1791	17.90	-5.140	-3.648	-1.937	-0.443	0.515	0.867	0.808	0.700	0.908	1.630
1801	18.00	2.811	4.157	5.249	5.702	5.301	4.067	2.237	0.169	-1.776	-3.326
1811	18.10	-4.345	-4.810	-4.766	-4.263	-3.341	-2.046	-0.479	1.162	2.575	3.420
1821	18.20	3.423	2.500	0.830	-1.160	-2.902	-3.869	-3.740	-2.510	-0.476	1.882
1831	18.30	4.065	5.711	6.668	6.977	6.788	6.272	5.569	4.790	4.050	3.475
1841	18.40	3.171	3.145	3.241	3.138	2.460	0.955	-1.328	-3.963	-6.258	-7.512
1851	18.50	-7.327	-5.828	-3.655	-1.718	-0.799	-1.191	-2.543	-4.011	-4.651	-3.880
1861	18.60	-1.777	0.925	3.176	4.104	3.447	1.698	-0.119	-0.943	-0.202	1.874
1871	18.70	4.318	5.847	5.452	2.881	-1.206	-5.485	-8.504	-9.270	-7.632	-4.296
1881	18.80	-0.496	2.529	4.003	3.842	2.568	0.983	-0.222	-0.743	-0.718	-0.558
1891	18.90	-0.673	-1.235	-2.080	-2.799	-2.945	-2.248	-0.749	1.216	3.144	4.556
1901	19.00	5.153	4.884	3.922	2.567	1.139	-0.102	-0.998	-1.683	-1.563	-1.295
1911	19.10	-0.768	-0.095	0.605	1.230	1.712	2.031	2.207	2.270	2.234	2.073
1921	19.20	1.734	1.159	0.327	-0.716	-1.857	-2.931	-3.765	-4.219	-4.211	-3.735
1931	19.30	-2.859	-1.723	-0.530	0.476	1.050	1.016	0.337	-0.834	-2.157	-3.187
1941	19.40	-3.515	-2.924	-1.498	0.378	2.142	3.262	3.439	2.735	1.541	0.408
1951	19.50	-0.201	-0.121	0.439	0.981	0.954	0.017	-1.783	-3.996	-5.924	-6.894
1961	19.60	-6.509	-4.792	-2.164	0.730	3.243	4.927	5.615	5.390	4.480	3.149
1971	19.70	1.635	0.144	-1.117	-1.932	-2.116	-1.601	-0.512	0.810	1.891	2.295
1981	19.80	1.809	0.565	-0.974	-2.184	-2.524	-1.779	-0.165	1.738	3.220	3.730
1991	19.90	3.116	1.692	0.113	-0.889	-0.809	0.430	2.448	4.561	6.053	6.440

Table 7-19-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1211 S601-DA-1-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 30.736 (GAL) T= 9.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	5.633	3.930	1.866	-0.013	-1.347	-2.060	-2.323	-2.421	-2.600	-2.956
2011	20.10	-3.413	-3.796	-3.928	-3.728	-3.234	-2.574	-1.891	-1.284	-0.784	-0.387
2021	20.20	-0.102	0.021	-0.091	-0.473	-1.052	-1.622	-1.889	-1.603	-0.694	0.640
2031	20.30	1.953	2.708	2.491	1.212	-0.820	-2.989	-4.600	-5.150	-4.520	-3.003
2041	20.40	-1.158	0.446	1.462	1.877	1.950	2.025	2.316	2.777	3.130	3.026
2051	20.50	2.248	0.857	-0.810	-2.281	-3.162	-3.306	-2.855	-2.143	-1.597	-1.112
2061	20.60	-0.893	-0.619	-0.060	0.850	1.949	2.918	3.443	3.399	2.932	2.408
2071	20.70	2.237	2.661	3.612	4.721	5.464	5.395	4.347	2.524	0.423	-1.347
2081	20.80	-2.296	-2.220	-1.259	0.187	1.609	2.562	2.804	2.336	1.382	0.298
2091	20.90	-0.532	-0.807	-0.380	0.700	2.194	3.740	4.945	5.502	5.275	4.344
2101	21.00	2.968	1.496	0.249	-0.574	-0.942	-0.966	-0.835	-0.735	-0.804	-1.120
2111	21.10	-1.720	-2.617	-3.797	-5.187	-6.620	-7.836	-8.529	-8.452	-7.528	-5.920
2121	21.20	-4.014	-2.297	-1.186	-0.873	-1.244	-1.939	-2.502	-2.578	-2.055	-1.098
2131	21.30	-0.053	0.729	1.055	0.980	0.760	0.718	1.071	1.808	2.691	3.357
2141	21.40	3.491	2.972	1.934	0.698	-0.371	-1.036	-1.283	-1.315	-1.436	-1.890
2151	21.50	-2.736	-3.806	-4.781	-5.331	-5.261	-4.582	-3.494	-2.279	-1.178	-0.304
2161	21.60	0.364	0.913	1.400	1.786	1.947	1.750	1.155	0.287	-0.582	-1.128
2171	21.70	-1.114	-0.498	0.542	1.694	2.650	3.246	3.519	3.662	3.888	4.293
2181	21.80	4.779	5.086	4.925	4.135	2.797	1.229	-0.132	-0.909	-0.941	-0.342
2191	21.90	0.560	1.369	1.790	1.733	1.322	0.804	0.436	0.372	0.627	1.100
2201	22.00	1.639	2.102	2.396	2.476	2.341	2.029	1.620	1.239	1.034	1.120
2211	22.10	1.511	2.073	2.539	2.588	1.985	0.697	-1.061	-2.888	-4.347	-5.146
2221	22.20	-5.249	-4.874	-4.380	-4.085	-4.118	-4.381	-4.623	-4.591	-4.174	-3.455
2231	22.30	-2.658	-2.006	-1.596	-1.350	-1.076	-0.603	0.087	0.824	1.328	1.376
2241	22.40	0.953	0.306	-0.154	-0.050	0.748	2.015	3.234	3.813	3.343	1.797
2251	22.50	-0.455	-2.795	-4.612	-5.534	-5.530	-4.852	-3.859	-2.834	-1.892	-1.005
2261	22.60	-0.124	0.701	1.283	1.385	0.870	-0.160	-1.338	-2.156	-2.174	-1.235
2271	22.70	0.448	2.375	3.968	4.829	4.890	4.406	3.787	3.368	3.238	3.215
2281	22.80	2.978	2.276	1.099	-0.285	-1.454	-2.034	-1.890	-1.182	-0.276	0.453
2291	22.90	0.811	0.858	0.834	0.979	1.353	1.767	1.871	1.365	0.207	-1.293
2301	23.00	-2.567	-3.029	-2.367	-0.712	1.387	3.189	4.087	3.877	2.830	1.550
2311	23.10	0.669	0.552	1.133	1.987	2.560	2.466	1.679	0.533	-0.467	-0.911
2321	23.20	-0.699	-0.075	0.517	0.687	0.311	-0.396	-1.011	-1.145	-0.686	0.113
2331	23.30	0.734	0.660	-0.339	-2.045	-3.844	-4.989	-4.940	-3.626	-1.504	0.627
2341	23.40	1.966	2.055	0.957	0.789	-2.430	-3.338	-3.272	-2.445	-1.380	-0.632
2351	23.50	-0.524	-1.006	-1.707	-2.145	-1.961	-1.094	0.207	1.523	2.462	2.837
2361	23.60	2.724	2.383	2.101	2.040	2.160	2.265	2.123	1.615	0.807	-0.066
2371	23.70	-0.705	-0.885	-0.550	0.171	1.028	1.766	2.219	2.352	2.233	1.967
2381	23.80	1.629	1.240	0.790	0.287	-0.207	-0.578	-0.710	-0.548	-0.156	0.294
2391	23.90	0.575	0.507	0.031	-0.752	-1.619	-2.309	-2.618	-2.464	-1.901	-1.076
2401	24.00	-0.172	0.647	1.259	1.577	1.539	1.108	0.298	-0.803	-2.011	-3.080
2411	24.10	-3.765	-3.915	-3.534	-2.784	-1.929	-1.224	-0.811	-0.677	-0.677	-0.622
2421	24.20	-0.387	0.026	0.501	0.873	1.026	0.956	0.762	0.576	0.472	0.404
2431	24.30	0.226	-0.226	-1.017	-2.041	-3.034	-3.676	-3.735	-3.183	-2.219	-1.183
2441	24.40	-0.404	-0.051	-0.074	-0.249	-0.315	-0.113	0.333	0.842	1.195	1.266
2451	24.50	1.107	0.919	0.944	1.318	1.989	2.726	3.239	3.322	2.956	2.313
2461	24.60	1.646	1.144	0.824	0.531	0.041	-0.774	-1.836	-2.840	-3.385	-3.156
2471	24.70	-2.093	-0.446	1.316	2.696	3.369	3.296	2.698	1.920	1.249	0.795
2481	24.80	0.485	0.155	-0.308	-0.876	-1.384	-1.629	-1.499	-1.062	-0.548	-0.235
2491	24.90	-0.303	-0.722	-1.263	-1.605	-1.508	-0.945	-0.127	0.590	0.879	0.606

Table 7-19-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1211 S601-DA-1-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 30.736 (GAL) T= 9.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.095	-0.889	-1.386	-1.333	-0.727	0.184	1.013	1.406	1.188	0.432
2511	25.10	-0.587	-1.511	-2.066	-2.062	-1.622	-0.939	-0.279	0.138	0.214	-0.008
2521	25.20	-0.368	-0.649	-0.653	-0.272	0.472	1.427	2.355	3.014	3.241	3.011
2531	25.30	2.446	1.759	1.169	0.803	0.659	0.617	0.522	0.279	-0.091	-0.447
2541	25.40	-0.613	-0.475	-0.065	0.434	0.764	0.718	0.247	-0.497	-1.224	-1.634
2551	25.50	-1.554	-1.019	-0.254	0.441	0.827	0.831	0.557	0.210	-0.028	-0.105
2561	25.60	-0.121	-0.260	-0.674	-1.367	-2.161	-2.757	-2.862	-2.329	-1.231	0.158
2571	25.70	1.474	2.410	2.828	2.789	2.498	2.191	2.021	2.008	2.052	2.007
2581	25.80	1.770	1.338	0.800	0.286	-0.101	-0.341	-0.499	-0.679	-0.960	-1.342
2591	25.90	-1.728	-1.961	-1.890	-1.447	-0.684	0.223	1.033	1.514	1.531	1.088
2601	26.00	0.339	-0.467	-1.066	-1.273	-1.045	-0.508	0.084	0.432	0.302	-0.381
2611	26.10	-1.490	-2.717	-3.665	-3.979	-3.467	-2.183	-0.423	1.363	2.704	3.266
2621	26.20	2.958	1.958	0.648	-0.517	-1.166	-1.131	-0.499	0.441	1.313	1.798
2631	26.30	1.758	1.274	0.606	0.081	-0.066	0.305	1.009	1.792	2.346	2.457
2641	26.40	2.089	1.392	0.626	0.047	-0.213	-0.197	-0.099	-0.169	-0.592	-1.396
2651	26.50	-2.423	-3.391	-4.008	-4.098	-3.678	-2.960	-2.268	-1.910	-2.051	-2.638
2661	26.60	-3.416	-4.018	-4.105	-3.498	-2.249	-0.634	0.947	2.110	2.627	2.502
2671	26.70	1.962	1.359	1.029	1.153	1.689	2.398	2.953	3.087	2.713	1.969
2681	26.80	1.159	0.623	0.587	1.065	1.852	2.611	3.020	2.903	2.294	1.403
2691	26.90	0.515	-0.134	-0.449	-0.483	-0.382	-0.287	-0.260	-0.263	-0.192	0.049
2701	27.00	0.492	1.079	1.706	2.271	2.727	3.087	3.384	3.618	3.712	3.530
2711	27.10	2.938	1.892	0.500	-0.975	-2.193	-2.852	-2.808	-2.129	-1.080	-0.018
2721	27.20	0.733	0.992	0.762	0.201	-0.459	-1.012	-1.346	-1.466	-1.466	-1.475
2731	27.30	-1.605	-1.914	-2.393	-2.976	-3.564	-4.036	-4.276	-4.187	-3.706	-2.831
2741	27.40	-1.631	-0.254	1.084	2.136	2.671	2.541	1.731	0.394	-1.166	-2.557
2751	27.50	-3.405	-3.473	-2.755	-1.500	-0.152	0.802	1.004	0.326	-0.834	-2.133
2761	27.60	-2.960	-2.911	-1.901	-0.201	1.665	3.136	3.837	3.719	3.061	2.324
2771	27.70	1.931	2.080	2.658	3.302	3.569	3.142	1.965	0.265	-1.551	-3.066
2781	27.80	-4.016	-4.364	-4.279	-4.017	-3.790	-3.662	-3.542	-3.247	-2.621	-1.629
2791	27.90	-0.406	0.782	1.640	1.962	1.713	1.053	0.270	-0.330	-0.542	-0.341
2801	28.00	0.115	0.565	0.761	0.580	0.083	-0.510	-0.918	-0.930	-0.501	0.221
2811	28.10	0.955	1.408	1.400	0.935	0.194	-0.562	-1.100	-1.313	-1.241	-1.018
2821	28.20	-0.789	-0.627	-0.511	-0.363	-0.113	0.239	0.619	0.922	1.078	1.100
2831	28.30	1.073	1.092	1.185	1.266	1.173	0.758	0.003	-0.921	-1.692	-1.976
2841	28.40	-1.597	-0.653	0.484	1.312	1.426	0.718	-0.551	-1.844	-2.570	-2.346
2851	28.50	-1.157	0.634	2.458	3.783	4.328	4.154	3.580	3.005	2.705	2.718
2861	28.60	2.864	2.874	2.552	1.892	1.080	0.401	0.093	0.230	0.689	1.211
2871	28.70	1.522	1.445	0.973	0.248	-0.507	-1.082	-1.346	-1.280	-0.956	-0.495
2881	28.80	-0.030	0.330	0.511	0.476	0.225	-0.202	-0.740	-1.308	-1.826	-2.260
2891	28.90	-2.519	-2.655	-2.649	-2.499	-2.207	-1.794	-1.317	-0.873	-0.580	-0.524
2901	29.00	-0.720	-1.078	-1.422	-1.555	-1.334	-0.748	0.071	0.883	1.434	1.555
2911	29.10	1.229	0.600	-0.087	-0.579	-0.711	-0.458	0.073	0.692	1.211	1.507
2921	29.20	1.561	1.450	1.303	1.250	1.369	1.660	2.049	2.411	2.615	2.568
2931	29.30	2.252	1.727	1.120	0.573	0.199	0.036	0.035	0.097	0.116	0.045
2941	29.40	-0.076	-0.132	0.013	0.432	1.083	1.793	2.307	2.387	1.907	0.923
2951	29.50	-0.338	-1.569	-2.399	-2.701	-2.448	-1.805	-1.032	-0.375	0.012	0.115
2961	29.60	0.034	-0.081	-0.107	-0.003	0.176	0.312	0.282	0.018	-0.457	-1.029
2971	29.70	-1.532	-1.800	-1.729	-1.308	-0.629	0.144	0.823	1.252	1.344	1.100
2981	29.80	0.590	-0.073	-0.778	-1.442	-2.015	-2.476	-2.813	-3.016	-3.076	-3.002
2991	29.90	-2.831	-2.631	-2.481	-2.432	-2.482	-2.560	-2.552	-2.352	-1.913	-1.284

Table 7-19-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1211 S601-DA-1-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 30.736 (GAL) T= 9.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.588	0.029	0.470	0.745	0.964	1.282	1.807	2.516	3.238	3.705
3011	30.10	3.667	3.022	1.876	0.536	-0.610	-1.245	-1.251	-0.756	-0.070	0.455
3021	30.20	0.582	0.288	-0.247	-0.730	-0.913	-0.705	-0.221	0.284	0.537	0.379
3031	30.30	-0.159	-0.869	-1.456	-1.663	-1.372	-0.643	0.329	1.300	2.068	2.542
3041	30.40	2.748	2.795	2.811	2.889	3.057	3.269	3.440	3.471	3.291	2.879
3051	30.50	2.279	1.589	0.937	0.439	0.154	0.062	0.055	-0.020	-0.304	-0.863
3061	30.60	-1.645	-2.498	-3.215	-3.620	-3.634	-3.296	-2.742	-2.132	-1.580	-1.116
3071	30.70	-0.693	-0.245	0.257	0.759	1.165	1.293	1.141	0.737	0.220	-0.241
3081	30.80	-0.534	-0.661	-0.760	-0.929	-1.325	-1.878	-2.381	-2.542	-2.128	-1.099
3091	30.90	0.312	1.653	2.398	2.167	0.901	-1.072	-3.118	-4.517	-4.728	-3.607
3101	31.00	-1.472	0.994	2.994	3.903	3.495	2.009	0.035	-1.735	-2.782	-2.951
3111	31.10	-2.473	-1.826	-1.486	-1.704	-2.382	-3.138	-3.489	-3.099	-1.946	-0.347
3121	31.20	1.177	2.132	2.268	1.677	0.737	-0.071	-0.383	-0.100	0.597	1.355
3131	31.30	1.833	1.845	1.421	0.749	0.053	-0.513	-0.909	-1.173	-1.337	-1.359
3141	31.40	-1.123	-0.508	0.515	1.814	3.123	4.130	4.619	4.555	4.093	3.481
3151	31.50	2.932	2.514	2.145	1.677	1.023	0.255	-0.403	-0.683	-0.434	0.264
3161	31.60	1.098	1.652	1.610	0.922	-0.142	-1.111	-1.527	-1.165	-0.143	1.139
3171	31.70	2.184	2.641	2.456	1.877	1.307	1.088	1.328	1.855	2.309	2.338
3181	31.80	1.764	0.672	-0.646	-1.828	-2.597	-2.861	-2.706	-2.319	-1.878	-1.490
3191	31.90	-1.175	-0.912	-0.690	-0.530	-0.462	-0.485	-0.546	-0.550	-0.427	-0.182
3201	32.00	0.078	0.193	0.037	-0.384	-0.901	-1.235	-1.125	-0.474	0.578	1.680
3211	32.10	2.412	2.461	1.767	0.545	-0.803	-1.865	-2.384	-2.344	-1.931	-1.420
3221	32.20	-1.034	-0.857	-0.847	-0.906	-0.983	-1.109	-1.373	-1.829	-2.411	-2.912
3231	32.30	-3.052	-2.616	-1.588	-0.192	1.166	2.071	2.281	1.837	1.048	0.338
3241	32.40	0.042	0.249	0.763	1.209	1.237	0.704	-0.245	-1.242	-1.874	-1.881
3251	32.50	-1.281	-0.351	0.519	1.017	1.051	0.766	0.435	0.291	0.388	0.574
3261	32.60	0.597	0.273	-0.366	-1.052	-1.387	-1.057	-0.012	1.460	2.840	3.608
3271	32.70	3.501	2.654	1.560	0.843	0.959	1.956	3.425	4.664	4.990	4.052
3281	32.80	2.002	-0.555	-2.814	-4.100	-4.137	-3.134	-1.658	-0.376	0.230	0.026
3291	32.90	-0.768	-1.727	-2.435	-2.651	-2.380	-1.817	-1.224	-0.810	-0.667	-0.775
3301	33.00	-1.050	-1.395	-1.723	-1.946	-1.958	-1.642	-0.918	0.199	1.554	2.865
3311	33.10	3.804	4.115	3.717	2.742	1.486	0.289	-0.598	-1.096	-1.300	-1.397
3321	33.20	-1.556	-1.837	-2.168	-2.398	-2.390	-2.095	-1.584	-1.012	-0.539	-0.268
3331	33.30	-0.206	-0.297	-0.471	-0.698	-1.001	-1.422	-1.968	-2.562	-3.045	-3.218
3341	33.40	-2.929	-2.146	-0.990	0.306	1.469	2.290	2.689	2.733	2.589	2.455
3351	33.50	2.475	2.699	3.076	3.482	3.775	3.842	3.628	3.145	2.467	1.708
3361	33.60	0.994	0.436	0.099	-0.015	0.022	0.088	0.045	-0.208	-0.694	-1.336
3371	33.70	-1.974	-2.413	-2.487	-2.123	-1.365	-0.372	0.626	1.391	1.742	1.592
3381	33.80	0.969	0.002	-1.114	-2.153	-2.906	-3.216	-3.008	-2.301	-1.208	0.084
3391	33.90	1.360	2.426	3.154	3.514	3.570	3.447	3.270	3.116	2.982	2.791
3401	34.00	2.436	1.848	1.048	0.167	-0.590	-1.019	-1.003	-0.575	0.070	0.640
3411	34.10	0.856	0.559	-0.210	-1.218	-2.123	-2.603	-2.491	-1.841	-0.915	-0.079
3421	34.20	0.343	0.192	-0.467	-1.378	-2.208	-2.680	-2.683	-2.297	-1.742	-1.269
3431	34.30	-1.050	-1.115	-1.355	-1.604	-1.723	-1.676	-1.539	-1.446	-1.503	-1.711
3441	34.40	-1.947	-2.005	-1.691	-0.927	0.197	1.431	2.458	3.002	2.937	2.324
3451	34.50	1.376	0.368	-0.474	-1.044	-1.362	-1.528	-1.640	-1.729	-1.739	-1.573
3461	34.60	-1.156	-0.503	0.263	0.951	1.378	1.455	1.226	0.847	0.518	0.386
3471	34.70	0.486	0.727	0.948	0.997	0.813	0.449	0.046	-0.238	-0.306	-0.167
3481	34.80	0.069	0.242	0.217	-0.064	-0.555	-1.128	-1.615	-1.858	-1.750	-1.247
3491	34.90	-0.382	0.746	1.976	3.109	3.948	4.344	4.256	3.768	3.078	2.426

Table 7-19-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1211 S601-DA-1-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 30.736 (GAL) T= 9.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	2.002	1.868	1.926	1.972	1.794	1.291	0.541	-0.221	-0.700	-0.693
3511	35.10	-0.197	0.563	1.218	1.412	0.968	-0.024	-1.235	-2.234	-2.676	-2.448
3521	35.20	-1.710	-0.819	-0.164	0.005	-0.322	-0.929	-1.483	-1.691	-1.428	-0.777
3531	35.30	0.026	0.708	1.083	1.121	0.937	0.714	0.602	0.641	0.746	0.751
3541	35.40	0.499	-0.080	-0.928	-1.872	-2.688	-3.186	-3.274	-2.982	-2.440	-1.816
3551	35.50	-1.256	-0.836	-0.556	-0.363	-0.202	-0.056	0.040	0.011	-0.212	-0.646
3561	35.60	-1.236	-1.848	-2.335	-2.577	-2.531	-2.247	-1.840	-1.431	-1.098	-0.845
3571	35.70	-0.612	-0.322	0.067	0.530	0.985	1.331	1.507	1.528	1.479	1.471
3581	35.80	1.572	1.764	1.942	1.965	1.729	1.238	0.619	0.073	-0.214	-0.161
3591	35.90	0.161	0.557	0.798	0.736	0.377	-0.104	-0.448	-0.423	0.055	0.878
3601	36.00	1.781	2.451	2.664	2.373	1.723	0.983	0.428	0.219	0.356	0.697
3611	36.10	1.046	1.256	1.298	1.261	1.293	1.502	1.887	2.322	2.613	2.592
3621	36.20	2.207	1.564	0.882	0.405	0.286	0.517	0.928	1.268	1.315	0.979
3631	36.30	0.332	-0.429	-1.085	-1.496	-1.664	-1.709	-1.793	-2.020	-2.367	-2.696
3641	36.40	-2.822	-2.627	-2.133	-1.512	-1.014	-0.846	-1.065	-1.539	-2.009	-2.205
3651	36.50	-1.980	-1.383	-0.634	-0.014	0.276	0.214	-0.029	-0.188	-0.046	0.439
3661	36.60	1.093	1.599	1.642	1.074	0.001	-1.247	-2.244	-2.658	-2.388	-1.614
3671	36.70	-0.708	-0.072	0.039	-0.376	-1.077	-1.695	-1.899	-1.542	-0.711	0.320
3681	36.80	1.214	1.720	1.762	1.456	1.030	0.714	0.632	0.752	0.921	0.939
3691	36.90	0.661	0.068	-0.723	-1.505	-2.058	-2.227	-1.972	-1.362	-0.545	0.306
3701	37.00	1.042	1.559	1.804	1.764	1.457	0.930	0.258	-0.455	-1.088	-1.527
3711	37.10	-1.696	-1.576	-1.212	-0.695	-0.133	0.376	0.766	1.000	1.065	0.962
3721	37.20	0.715	0.377	0.042	-0.162	-0.110	0.270	0.948	1.777	2.524	2.948
3731	37.30	2.895	2.364	1.517	0.620	-0.065	-0.385	-0.356	-0.140	0.035	-0.014
3741	37.40	-0.344	-0.868	-1.409	-1.792	-1.923	-1.822	-1.584	-1.309	-1.041	-0.738
3751	37.50	-0.320	0.263	0.966	1.638	2.080	2.132	1.771	1.130	0.451	-0.026
3761	37.60	-0.175	-0.046	0.169	0.233	-0.001	-0.510	-1.105	-1.520	-1.554	-1.179
3771	37.70	-0.566	-0.011	0.203	-0.053	-0.686	-1.417	-1.901	-1.886	-1.323	-0.392
3781	37.80	0.578	1.244	1.390	0.997	0.240	-0.604	-1.269	-1.597	-1.578	-1.328
3791	37.90	-1.015	-0.793	-0.742	-0.861	-1.084	-1.319	-1.480	-1.507	-1.368	-1.059
3801	38.00	-0.594	-0.006	0.652	1.316	1.916	2.390	2.705	2.858	2.883	2.836
3811	38.10	2.780	2.769	2.832	2.964	3.127	3.255	3.268	3.091	2.681	2.052
3821	38.20	1.280	0.495	-0.150	-0.530	-0.594	-0.391	-0.064	0.203	0.237	-0.028
3831	38.30	-0.541	-1.137	-1.593	-1.725	-1.463	-0.888	-0.214	0.291	0.410	0.059
3841	38.40	-0.673	-1.556	-2.304	-2.683	-2.601	-2.133	-1.488	-0.926	-0.648	-0.728
3851	38.50	-1.088	-1.532	-1.836	-1.828	-1.456	-0.801	-0.043	0.608	0.986	1.017
3861	38.60	0.731	0.241	-0.308	-0.790	-1.137	-1.340	-1.441	-1.496	-1.538	-1.562
3871	38.70	-1.528	-1.376	-1.073	-0.633	-0.136	0.294	0.527	0.477	0.152	-0.338
3881	38.80	-0.807	-1.050	-0.918	-0.373	0.491	1.474	2.340	2.894	3.044	2.826
3891	38.90	2.374	1.865	1.458	1.237	1.207	1.306	1.445	1.543	1.549	1.442
3901	39.00	1.217	0.882	0.447	-0.062	-0.594	-1.076	-1.430	-1.530	-1.404	-1.065
3911	39.10	-0.607	-0.159	0.161	0.277	0.181	-0.076	-0.402	-0.706	-0.927	-1.047
3921	39.20	-1.088	-1.091	-1.095	-1.117	-1.146	-1.151	-1.097	-0.961	-0.746	-0.481
3931	39.30	-0.211	0.019	0.177	0.259	0.290	0.310	0.360	0.461	0.607	0.766
3941	39.40	0.897	0.968	0.977	0.953	0.949	1.032	1.166	1.389	1.619	1.770
3951	39.50	1.764	1.556	1.149	0.591	-0.045	-0.678	-1.241	-1.688	-1.993	-2.144
3961	39.60	-2.137	-1.976	-1.680	-1.280	-0.817	-0.333	0.141	0.592	1.017	1.412
3971	39.70	1.750	1.976	2.011	1.787	1.278	0.536	-0.307	-1.065	-1.550	-1.638
3981	39.80	-1.321	-0.712	-0.012	0.558	0.837	0.779	0.466	0.068	-0.230	-0.298
3991	39.90	-0.115	0.235	0.607	0.858	0.909	0.774	0.537	0.312	0.178	0.154

Table 7-19-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1211 S601-DA-1-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 30.736 (GAL) T= 9.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.196	0.237	0.228	0.173	0.126	0.156	0.298	0.518	0.721	0.791
4011	40.10	0.652	0.325	-0.069	-0.351	-0.359	-0.029	0.561	1.215	1.692	1.796
4021	40.20	1.460	0.761	-0.111	-0.936	-1.543	-1.863	-1.926	-1.824	-1.655	-1.481
4031	40.30	-1.322	-1.172	-1.030	-0.911	-0.844	-0.842	-0.885	-0.914	-0.866	-0.709
4041	40.40	-0.479	-0.276	-0.223	-0.408	-0.824	-1.361	-1.839	-2.088	-2.026	-1.699
4051	40.50	-1.267	-0.928	-0.831	-1.001	-1.333	-1.637	-1.725	-1.501	-0.996	-0.355
4061	40.60	0.233	0.607	0.704	0.562	0.298	0.042	-0.107	-0.112	0.009	0.202
4071	40.70	0.409	0.579	0.672	0.660	0.526	0.280	-0.025	-0.292	-0.398	-0.234
4081	40.80	0.239	0.964	1.781	2.483	2.880	2.878	2.509	1.920	1.307	0.837
4091	40.90	0.576	0.485	0.435	0.294	-0.007	-0.439	-0.883	-1.186	-1.232	-0.995
4101	41.00	-0.547	-0.028	0.416	0.687	0.766	0.699	0.565	0.429	0.324	0.245
4111	41.10	0.182	0.141	0.160	0.291	0.570	0.986	1.466	1.894	2.153	2.169
4121	41.20	1.936	1.511	0.974	0.394	-0.201	-0.815	-1.448	-2.053	-2.520	-2.702
4131	41.30	-2.471	-1.798	-0.796	0.291	1.166	1.585	1.463	0.910	0.195	-0.365
4141	41.40	-0.528	-0.224	0.434	1.210	1.857	2.223	2.299	2.190	2.038	1.927
4151	41.50	1.839	1.667	1.292	0.669	-0.125	-0.899	-1.430	-1.563	-1.287	-0.747
4161	41.60	-0.180	0.184	0.223	-0.036	-0.447	-0.819	-1.008	-0.972	-0.767	-0.501
4171	41.70	-0.268	-0.100	0.032	0.180	0.367	0.560	0.682	0.650	0.432	0.072
4181	41.80	-0.327	-0.656	-0.853	-0.939	-0.999	-1.132	-1.383	-1.708	-1.985	-2.075
4191	41.90	-1.898	-1.478	-0.946	-0.479	-0.221	-0.218	-0.406	-0.653	-0.833	-0.894
4201	42.00	-0.875	-0.871	-0.965	-1.164	-1.383	-1.484	-1.356	-0.979	-0.449	0.067
4211	42.10	0.420	0.562	0.579	0.644	0.924	1.469	2.165	2.766	3.009	2.741
4221	42.20	2.015	1.077	0.269	-0.127	-0.016	0.467	1.030	1.367	1.306	0.890
4231	42.30	0.343	-0.055	-0.116	0.149	0.536	0.750	0.557	-0.088	-1.009	-1.887
4241	42.40	-2.405	-2.393	-1.897	-1.149	-0.449	-0.023	0.064	-0.084	-0.282	-0.372
4251	42.50	-0.318	-0.210	-0.206	-0.426	-0.868	-1.390	-1.772	-1.816	-1.451	-0.765
4261	42.60	0.026	0.676	1.006	0.974	0.666	0.240	-0.158	-0.447	-0.627	-0.742
4271	42.70	-0.826	-0.871	-0.824	-0.627	-0.262	0.214	0.687	1.028	1.152	1.057
4281	42.80	0.820	0.556	0.362	0.273	0.252	0.227	0.135	-0.033	-0.228	-0.368
4291	42.90	-0.390	-0.281	-0.089	0.106	0.240	0.303	0.350	0.467	0.725	1.127
4301	43.00	1.594	1.987	2.165	2.040	1.611	0.966	0.238	-0.443	-0.998	-1.408
4311	43.10	-1.702	-1.920	-2.084	-2.189	-2.208	-2.119	-1.920	-1.640	-1.323	-1.011
4321	43.20	-0.730	-0.484	-0.261	-0.056	0.133	0.300	0.445	0.581	0.737	0.938
4331	43.30	1.184	1.440	1.637	1.700	1.587	1.316	0.971	0.669	0.513	0.542
4341	43.40	0.709	0.901	0.990	0.893	0.608	0.212	-0.180	-0.480	-0.671	-0.812
4351	43.50	-0.998	-1.299	-1.706	-2.118	-2.381	-2.359	-2.009	-1.408	-0.732	-0.175
4361	43.60	0.133	0.189	0.108	0.069	0.218	0.596	1.118	1.613	1.913	1.936
4371	43.70	1.731	1.456	1.298	1.385	1.722	2.191	2.606	2.799	2.698	2.345
4381	43.80	1.872	1.422	1.089	0.877	0.722	0.537	0.279	-0.027	-0.300	-0.450
4391	43.90	-0.437	-0.296	-0.129	-0.049	-0.122	-0.330	-0.576	-0.733	-0.710	-0.501
4401	44.00	-0.185	0.104	0.252	0.209	0.015	-0.230	-0.421	-0.502	-0.489	-0.455
4411	44.10	-0.477	-0.594	-0.778	-0.949	-1.023	-0.959	-0.782	-0.571	-0.411	-0.349
4421	44.20	-0.360	-0.368	-0.290	-0.093	0.177	0.408	0.473	0.302	-0.078	-0.544
4431	44.30	-0.929	-1.100	-1.028	-0.796	-0.565	-0.492	-0.651	-0.992	-1.359	-1.567
4441	44.40	-1.479	-1.077	-0.464	0.182	0.686	0.948	0.976	0.863	0.730	0.660
4451	44.50	0.664	0.681	0.623	0.434	0.126	-0.218	-0.472	-0.528	-0.339	0.058
4461	44.60	0.557	1.022	1.339	1.448	1.362	1.142	0.872	0.619	0.411	0.225
4471	44.70	0.007	-0.306	-0.748	-1.303	-1.893	-2.402	-2.703	-2.711	-2.415	-1.890
4481	44.80	-1.282	-0.752	-0.415	-0.303	-0.350	-0.427	-0.412	-0.244	0.037	0.313
4491	44.90	0.445	0.352	0.057	-0.309	-0.566	-0.566	-0.278	0.192	0.640	0.847

Table 7-19-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1211 S601-DA-1-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 30.736 (GAL) T= 9.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.686	0.177	-0.516	-1.160	-1.550	-1.598	-1.356	-0.972	-0.614	-0.375
4511	45.10	-0.241	-0.108	0.143	0.565	1.099	1.588	1.863	1.739	1.278	0.602
4521	45.20	-0.062	-0.491	-0.555	-0.262	0.258	0.815	1.241	1.447	1.437	1.286
4531	45.30	1.080	0.878	0.696	0.511	0.303	0.076	-0.131	-0.243	-0.278	-0.172
4541	45.40	0.011	0.201	0.332	0.369	0.326	0.253	0.215	0.259	0.399	0.606
4551	45.50	0.831	1.018	1.125	1.133	1.050	0.898	0.709	0.516	0.347	0.216
4561	45.60	0.118	0.029	-0.092	-0.289	-0.592	-0.996	-1.453	-1.883	-2.193	-2.311
4571	45.70	-2.209	-1.916	-1.500	-1.049	-0.634	-0.290	-0.015	0.215	0.420	0.598
4581	45.80	0.717	0.732	0.607	0.342	-0.016	-0.380	-0.652	-0.753	-0.657	-0.403
4591	45.90	-0.083	0.183	0.290	0.182	-0.122	-0.534	-0.923	-1.161	-1.164	-0.930
4601	46.00	-0.534	-0.103	0.234	0.399	0.393	0.295	0.215	0.238	0.373	0.540
4611	46.10	0.606	0.451	0.039	-0.543	-1.107	-1.432	-1.369	-0.907	-0.197	0.512
4621	46.20	0.974	1.054	0.784	0.344	-0.027	-0.148	0.020	0.364	0.682	0.797
4631	46.30	0.653	0.348	0.089	0.082	0.420	1.027	1.683	2.125	2.173	1.819
4641	46.40	1.228	0.661	0.350	0.386	0.681	1.021	1.179	1.029	0.614	0.125
4651	46.50	-0.196	-0.174	0.208	0.800	1.348	1.614	1.474	0.973	0.293	-0.330
4661	46.60	-0.710	-0.784	-0.617	-0.360	-0.169	-0.130	-0.231	-0.381	-0.461	-0.386
4671	46.70	-0.146	0.192	0.514	0.714	0.732	0.574	0.308	0.027	-0.180	-0.265
4681	46.80	-0.225	-0.096	0.069	0.219	0.324	0.374	0.368	0.309	0.190	0.002
4691	46.90	-0.259	-0.571	-0.884	-1.123	-1.216	-1.120	-0.856	-0.505	-0.190	-0.029
4701	47.00	-0.084	-0.332	-0.664	-0.929	-0.998	-0.820	-0.451	-0.034	0.263	0.312
4711	47.10	0.083	-0.350	-0.845	-1.259	-1.508	-1.596	-1.599	-1.608	-1.679	-1.793
4721	47.20	-1.866	-1.803	-1.550	-1.139	-0.687	-0.350	-0.251	-0.420	-0.776	-1.149
4731	47.30	-1.356	-1.266	-0.858	-0.224	0.471	1.053	1.407	1.504	1.398	1.196
4741	47.40	1.003	0.895	0.896	0.993	1.147	1.317	1.464	1.550	1.544	1.417
4751	47.50	1.163	0.815	0.445	0.157	0.053	0.189	0.542	1.003	1.406	1.586
4761	47.60	1.446	1.001	0.382	-0.206	-0.558	-0.551	-0.187	0.402	1.006	1.416
4771	47.70	1.496	1.222	0.683	0.027	-0.595	-1.083	-1.405	-1.584	-1.663	-1.670
4781	47.80	-1.607	-1.459	-1.216	-0.902	-0.573	-0.296	-0.125	-0.065	-0.079	-0.100
4791	47.90	-0.075	0.009	0.116	0.183	0.161	0.052	-0.084	-0.153	-0.080	0.149
4801	48.00	0.458	0.713	0.774	0.567	0.120	-0.437	-0.932	-1.222	-1.265	-1.129
4811	48.10	-0.962	-0.913	-1.057	-1.355	-1.670	-1.828	-1.708	-1.297	-0.700	-0.101
4821	48.20	0.324	0.477	0.377	0.140	-0.076	-0.149	-0.043	0.184	0.414	0.533
4831	48.30	0.483	0.290	0.047	-0.133	-0.170	-0.049	0.170	0.388	0.508	0.477
4841	48.40	0.306	0.062	-0.168	-0.310	-0.335	-0.262	-0.152	-0.071	-0.066	-0.147
4851	48.50	-0.285	-0.426	-0.511	-0.497	-0.367	-0.122	0.220	0.635	1.091	1.539
4861	48.60	1.912	2.123	2.086	1.744	1.110	0.279	-0.578	-1.257	-1.586	-1.490
4871	48.70	-1.020	-0.346	0.308	0.740	0.848	0.660	0.313	-0.011	-0.165	-0.096
4881	48.80	0.151	0.462	0.722	0.866	0.906	0.901	0.914	0.968	1.024	1.011
4891	48.90	0.871	0.607	0.295	0.057	-0.002	0.155	0.469	0.815	1.058	1.126
4901	49.00	1.046	0.921	0.878	0.992	1.237	1.495	1.618	1.498	1.129	0.611
4911	49.10	0.102	-0.258	-0.415	-0.411	-0.350	-0.330	-0.387	-0.475	-0.513	-0.444
4921	49.20	-0.290	-0.159	-0.189	-0.466	-0.959	-1.504	-1.871	-1.871	-1.453	-0.743
4931	49.30	0.001	0.507	0.611	0.328	-0.159	-0.600	-0.801	-0.721	-0.488	-0.318
4941	49.40	-0.401	-0.792	-1.376	-1.925	-2.209	-2.102	-1.647	-1.022	-0.452	-0.101
4951	49.50	-0.003	-0.068	-0.142	-0.101	0.089	0.362	0.599	0.698	0.626	0.430
4961	49.60	0.196	-0.005	-0.150	-0.272	-0.419	-0.607	-0.792	-0.889	-0.819	-0.564
4971	49.70	-0.195	0.150	0.324	0.249	-0.046	-0.427	-0.717	-0.775	-0.563	-0.155
4981	49.80	0.298	0.644	0.790	0.737	0.559	0.353	0.186	0.072	-0.024	-0.141
4991	49.90	-0.292	-0.441	-0.523	-0.480	-0.302	-0.036	0.229	0.403	0.438	0.351

Table 7-19-11

TABLE OF CORRECTED ACCELERATION RECORD

NO.11

INDEX NO. 1211 S601-DA-1-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 30.736 (GAL) T= 9.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.214	0.114	0.112	0.214	0.370	0.503	0.544	0.465	0.292	0.087
5011	50.10	-0.076	-0.143	-0.092	0.062	0.281	0.520	0.737	0.905	1.006	1.036
5021	50.20	1.000	0.916	0.810	0.710	0.642	0.617	0.626	0.640	0.623	0.538
5031	50.30	0.366	0.113	-0.190	-0.487	-0.717	-0.826	-0.780	-0.582	-0.272	0.085
5041	50.40	0.413	0.665	0.751	0.736	0.645	0.534	0.458	0.443	0.489	0.571
5051	50.50	0.658	0.726	0.757	0.739	0.653	0.470	0.165	-0.268	-0.788	-1.305
5061	50.60	-1.695	-1.839	-1.675	-1.227	-0.610	0.008	0.463	0.659	0.595	0.358
5071	50.70	0.077	-0.134	-0.226	-0.220	-0.189	-0.210	-0.321	-0.502	-0.686	-0.792
5081	50.80	-0.762	-0.584	-0.291	0.059	0.405	0.701	0.922	1.054	1.087	1.016
5091	50.90	0.845	0.602	0.338	0.116	-0.011	-0.020	0.063	0.172	0.223	0.145
5101	51.00	-0.097	-0.491	-0.984	-1.499	-1.949	-2.259	-2.369	-2.245	-1.892	-1.358
5111	51.10	-0.739	-0.160	0.260	0.446	0.403	0.218	0.029	-0.035	0.091	0.372
5121	51.20	0.688	0.889	0.868	0.615	0.224	-0.148	-0.364	-0.368	-0.217	-0.052
5131	51.30	-0.024	-0.214	-0.596	-1.039	-1.379	-1.488	-1.340	-1.018	-0.664	-0.416
5141	51.40	-0.343	-0.427	-0.587	-0.735	-0.826	-0.869	-0.907	-0.970	-1.037	-1.033
5151	51.50	-0.867	-0.492	0.051	0.630	1.065	1.212	1.030	0.698	0.137	-0.173
5161	51.60	-0.185	0.113	0.605	1.108	1.453	1.562	1.462	1.264	1.090	1.013
5171	51.70	1.025	1.056	1.021	0.876	0.644	0.407	0.262	0.267	0.414	0.628
5181	51.80	0.813	0.892	0.850	0.729	0.603	0.532	0.527	0.542	0.502	0.347
5191	51.90	0.070	-0.270	-0.569	-0.720	-0.665	-0.416	-0.059	0.287	0.511	0.556
5201	52.00	0.430	0.196	-0.066	-0.287	-0.440	-0.537	-0.612	-0.691	-0.776	-0.840
5211	52.10	-0.838	-0.737	-0.531	-0.259	0.016	0.228	0.333	0.335	0.278	0.223
5221	52.20	0.221	0.278	0.351	0.368	0.264	0.025	-0.290	-0.555	-0.625	-0.394
5231	52.30	0.144	0.875	1.589	2.049	2.080	1.638	0.833	-0.103	-0.904	-1.362
5241	52.40	-1.403	-1.097	-0.626	-0.197	0.036	0.029	-0.155	-0.385	-0.536	-0.538
5251	52.50	-0.402	-0.202	-0.031	0.045	0.012	-0.094	-0.212	-0.289	-0.297	-0.237
5261	52.60	-0.123	0.030	0.211	0.409	0.593	0.712	0.703	0.520	0.165	-0.297
5271	52.70	-0.748	-1.057	-1.130	-0.956	-0.606	-0.209	0.108	0.271	0.288	0.230
5281	52.80	0.187	0.212	0.286	0.334	0.264	0.028	-0.334	-0.703	-0.924	-0.883
5291	52.90	-0.566	-0.076	0.402	0.680	0.647	0.320	-0.167	-0.617	-0.861	-0.822
5301	53.00	-0.543	-0.153	0.194	0.393	0.423	0.343	0.246	0.202	0.216	0.231
5311	53.10	0.161	-0.048	-0.382	-0.750	-1.019	-1.072	-0.864	-0.451	0.030	0.409
5321	53.20	0.553	0.417	0.059	-0.384	-0.751	-0.910	-0.811	-0.486	-0.034	0.418
5331	53.30	0.761	0.933	0.930	0.791	0.581	0.364	0.188	0.073	0.018	0.009
5341	53.40	0.031	0.076	0.114	0.241	0.365	0.499	0.612	0.661	0.607	0.437
5351	53.50	0.176	-0.117	-0.359	-0.479	-0.446	-0.282	-0.060	0.125	0.203	0.152
5361	53.60	0.014	-0.126	-0.186	-0.125	0.028	0.191	0.264	0.187	-0.026	-0.286
5371	53.70	-0.662	-0.448	-0.210	0.186	0.606	0.899	0.970	0.822	0.545	0.279
5381	53.80	0.141	0.178	0.350	0.563	0.723	0.789	0.790	0.802	0.899	1.101
5391	53.90	1.353	1.551	1.590	1.422	1.083	0.678	0.327	0.111	0.027	-0.001
5401	54.00	-0.080	-0.285	-0.616	-0.994	-1.302	-1.438	-1.371	-1.149	-0.878	-0.666
5411	54.10	-0.573	-0.597	-0.679	-0.754	-0.779	-0.759	-0.732	-0.737	-0.785	-0.853
5421	54.20	-0.898	-0.888	-0.827	-0.753	-0.714	-0.734	-0.784	-0.797	-0.699	-0.460
5431	54.30	-0.126	0.190	0.353	0.271	-0.051	-0.505	-0.921	-1.136	-1.068	-0.745
5441	54.40	-0.291	0.141	0.432	0.547	0.532	0.480	0.472	0.536	0.642	0.719
5451	54.50	0.706	0.579	0.362	0.114	-0.105	-0.253	-0.314	-0.286	-0.172	0.022
5461	54.60	0.282	0.563	0.792	0.882	0.769	0.455	0.021	-0.386	-0.615	-0.568
5471	54.70	-0.256	0.210	0.659	0.937	0.973	0.799	0.526	0.278	0.129	0.076
5481	54.80	0.051	-0.022	-0.172	-0.361	-0.496	-0.488	-0.307	-0.006	0.299	0.488
5491	54.90	0.502	0.373	0.208	0.128	0.198	0.388	0.582	0.637	0.459	0.051

Table 7-19-12

TABLE OF CORRECTED ACCELERATION RECORD

NO.12

INDEX NO. 1211 S601-DA-1-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 30.736 (GAL) T= 9.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.479	-0.968	-1.272	-1.328	-1.171	-0.908	-0.658	-0.497	-0.432	-0.420
5511	55.10	-0.403	-0.354	-0.290	-0.258	-0.297	-0.408	-0.542	-0.623	-0.591	-0.433
5521	55.20	-0.196	0.035	0.174	0.177	0.053	-0.142	-0.337	-0.480	-0.554	-0.569
5531	55.30	-0.543	-0.484	-0.380	-0.213	0.021	0.299	0.569	0.768	0.856	0.831
5541	55.40	0.730	0.618	0.546	0.537	0.570	0.596	0.564	0.450	0.264	0.053
5551	55.50	-0.126	-0.220	-0.203	-0.073	0.144	0.415	0.697	0.948	1.130	1.210
5561	55.60	1.172	1.018	0.773	0.471	0.152	-0.161	-0.455	-0.729	-0.973	-1.161
5571	55.70	-1.249	-1.193	-0.976	-0.627	-0.231	0.102	0.272	0.236	0.030	-0.240
5581	55.80	-0.437	-0.452	-0.248	0.130	0.576	0.970	1.228	1.326	1.298	1.200
5591	55.90	1.073	0.923	0.721	0.434	0.062	-0.346	-0.693	-0.880	-0.842	-0.589
5601	56.00	-0.207	0.174	0.433	0.503	0.397	0.196	0.008	-0.080	-0.043	0.079
5611	56.10	0.201	0.236	0.134	-0.097	-0.398	-0.683	-0.872	-0.920	-0.823	-0.611
5621	56.20	-0.328	-0.020	0.275	0.531	0.720	0.820	0.813	0.700	0.508	0.291
5631	56.30	0.111	0.022	0.039	0.132	0.236	0.276	0.201	0.015	-0.223	-0.422
5641	56.40	-0.494	-0.395	-0.151	0.153	0.406	0.513	0.434	0.199	-0.111	-0.401
5651	56.50	-0.594	-0.663	-0.628	-0.534	-0.427	-0.328	-0.234	-0.131	-0.013	0.104
5661	56.60	0.183	0.181	0.076	-0.122	-0.362	-0.579	-0.710	-0.720	-0.611	-0.415
5671	56.70	-0.176	0.064	0.273	0.430	0.516	0.518	0.424	0.244	0.011	-0.218
5681	56.80	-0.377	-0.415	-0.320	-0.123	0.108	0.304	0.413	0.429	0.380	0.310
5691	56.90	0.249	0.196	0.125	0.002	-0.184	-0.401	-0.583	-0.654	-0.569	-0.335
5701	57.00	-0.020	0.280	0.477	0.528	0.448	0.296	0.143	0.034	-0.029	-0.071
5711	57.10	-0.124	-0.195	-0.258	-0.263	-0.175	0.003	0.217	0.384	0.431	0.340
5721	57.20	0.159	-0.014	-0.078	0.020	0.249	0.507	0.665	0.632	0.399	0.050
5731	57.30	-0.279	-0.460	-0.436	-0.242	0.017	0.218	0.288	0.236	0.146	0.126
5741	57.40	0.249	0.507	0.806	1.013	1.014	0.770	0.338	-0.157	-0.576	-0.826
5751	57.50	-0.889	-0.817	-0.695	-0.592	-0.534	-0.505	-0.468	-0.405	-0.331	-0.292
5761	57.60	-0.333	-0.467	-0.657	-0.826	-0.892	-0.809	-0.586	-0.286	0.010	0.238
5771	57.70	0.377	0.448	0.486	0.511	0.503	0.419	0.220	-0.094	-0.464	-0.789
5781	57.80	-0.968	-0.952	-0.767	-0.506	-0.281	-0.165	-0.159	-0.191	-0.159	0.005
5791	57.90	0.294	0.626	0.881	0.970	0.884	0.699	0.536	0.484	0.549	0.636
5801	58.00	0.600	0.323	-0.204	-0.860	-1.435	-1.720	-1.612	-1.159	-0.547	-0.007
5811	58.10	0.289	0.308	0.165	0.054	0.138	0.464	0.934	1.354	1.540	1.409
5821	58.20	1.031	0.593	0.302	0.279	0.494	0.779	0.907	0.713	0.170	-0.581
5831	58.30	-1.300	-1.748	-1.795	-1.467	-0.929	-0.402	-0.065	0.012	-0.114	-0.306
5841	58.40	-0.425	-0.392	-0.223	-0.008	0.138	0.128	-0.057	-0.368	-0.718	-1.014
5851	58.50	-1.197	-1.246	-1.173	-1.007	-0.779	-0.511	-0.226	0.053	0.296	0.474
5861	58.60	0.567	0.571	0.507	0.407	0.310	0.243	0.216	0.223	0.245	0.264
5871	58.70	0.262	0.232	0.172	0.087	-0.013	-0.112	-0.193	-0.234	-0.225	-0.170
5881	58.80	-0.090	-0.025	-0.018	-0.099	-0.267	-0.481	-0.673	-0.762	-0.690	-0.442
5891	58.90	-0.063	0.354	0.698	0.879	0.861	0.681	0.431	0.230	0.172	0.295
5901	59.00	0.558	0.859	1.078	1.119	0.955	0.634	0.266	-0.023	-0.133	-0.034
5911	59.10	0.235	0.576	0.874	1.032	1.002	0.794	0.464	0.092	-0.241	-0.466
5921	59.20	-0.544	-0.460	-0.229	0.108	0.491	0.847	1.103	1.209	1.144	0.927
5931	59.30	0.609	0.255	-0.074	-0.336	-0.515	-0.610	-0.627	-0.570	-0.440	-0.245
5941	59.40	-0.008	0.230	0.420	0.524	0.532	0.478	0.423	0.434	0.544	0.733
5951	59.50	0.926	1.023	0.943	0.666	0.257	-0.158	-0.434	-0.474	-0.272	0.075
5961	59.60	0.408	0.565	0.452	0.083	-0.422	-0.888	-1.154	-1.136	-0.859	-0.434
5971	59.70	-0.014	0.277	0.380	0.314	0.148	-0.047	-0.232	-0.413	-0.621	-0.872
5981	59.80	-1.142	-1.358	-1.429	-1.290	-0.947	-0.485	-0.044	0.242	0.301	0.159
5991	59.90	-0.070	-0.240	-0.240	-0.045	0.271	0.570	0.725	0.671	0.443	0.149

Table 7-19-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1211 S601-DA-1-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 30.736 (GAL) T= 9.27 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.081	-0.166	-0.111	-0.001	0.042	-0.072	-0.353	-0.722	-1.050	-1.212
6011	60.10	-1.151	-0.897	-0.555	-0.249	-0.070	-0.040	-0.111	-0.195	-0.212	-0.122
6021	60.20	0.064	0.298	0.528	0.717	0.854	0.945	0.991	0.981	0.896	0.720
6031	60.30	0.468	0.185	-0.056	-0.184	-0.160	-0.001	0.228	0.428	0.512	0.433
6041	60.40	0.205	-0.102	-0.389	-0.562	-0.564	-0.399	-0.128	0.151	0.326	0.316
6051	60.50	0.093	-0.299	-0.753	-1.130	-1.303	-1.200	-0.835	-0.307	0.228	0.615
6061	60.60	0.751	0.621	0.298	-0.090	-0.420	-0.615	-0.676	-0.662	-0.655	-0.713
6071	60.70	-0.842	-0.992	-1.091	-1.078	-0.938	-0.707	-0.449	-0.229	-0.076	0.020
6081	60.80	0.099	0.200	0.334	0.480	0.590	0.620	0.550	0.397	0.209	0.038
6091	60.90	-0.081	-0.140	-0.160	-0.172	-0.195	-0.232	-0.262	-0.262	-0.216	-0.128
6101	61.00	-0.021	0.074	0.129	0.128	0.070	-0.037	-0.178	-0.331	-0.469	-0.559
6111	61.10	-0.562	-0.450	-0.219	0.102	0.449	0.743	0.910	0.914	0.770	0.539
6121	61.20	0.306	0.151	0.112	0.179	0.300	0.405	0.439	0.386	0.277	0.176
6131	61.30	0.151	0.246	0.456	0.724	0.957	1.053	0.941	0.607	0.107	-0.449
6141	61.40	-0.929	-1.217	-1.255	-1.057	-0.701	-0.299	0.047	0.279	0.395	0.433
6151	61.50	0.440	0.440	0.413	0.310	0.085	-0.268	-0.688	-1.058	-1.248	-1.165
6161	61.60	-0.805	-0.258	0.315	0.748	0.933	0.861	0.617	0.338	0.146	0.097
6171	61.70	0.159	0.242	0.246	0.118	-0.116	-0.364	-0.512	-0.481	-0.264	0.067
6181	61.80	0.390	0.595	0.626	0.505	0.321	0.182	0.171	0.306	0.536	0.772
6191	61.90	0.923	0.941	0.833	0.660	0.498	0.407	0.401	0.444	0.470	0.414
6201	62.00	0.245	-0.016	-0.306	-0.538	-0.642	-0.593	-0.423	-0.209	-0.043	0.003
6211	62.10	-0.093	-0.292	-0.518	-0.684	-0.736	-0.672	-0.545	-0.433	-0.407	-0.487
6221	62.20	-0.635	-0.761	-0.766	-0.582	-0.206	0.292	0.791	1.166	1.327	1.254
6231	62.30	0.994	0.640	0.292	0.025	-0.132	-0.189	-0.181	-0.143	-0.091	-0.025
6241	62.40	0.070	0.204	0.370	0.545	0.694	0.783	0.789	0.710	0.564	0.383
6251	62.50	0.202	0.053	-0.045	-0.089	-0.095	-0.086	-0.093	-0.137	-0.222	-0.329
6261	62.60	-0.423	-0.464	-0.426	-0.313	-0.158	-0.022	0.035	-0.024	-0.192	-0.416
6271	62.70	-0.613	-0.703	-0.639	-0.427	-0.131	0.154	0.328	0.328	0.148	-0.162
6281	62.80	-0.508	-0.792	-0.937	-0.913	-0.746	-0.501	-0.258	-0.085	-0.018	-0.047
6291	62.90	-0.126	-0.192	-0.190	-0.092	0.089	0.307	0.495	0.595	0.576	0.446
6301	63.00	0.249	0.045	-0.109	-0.181						

Table 7-20-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1212 S601-DA-1-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = -24.214 (GAL) T= 0.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.907	1.003	5.477	10.730	15.281	17.388	15.774	10.331	2.433	-5.382
11	0.10	-10.345	-10.633	-6.274	0.703	7.029	9.589	6.843	-0.406	-9.293	-16.140
21	0.20	-18.116	-14.521	-7.084	0.870	5.991	6.436	2.623	-3.133	-7.883	-9.526
31	0.30	-7.749	-3.967	-0.356	1.462	1.316	0.478	0.761	3.242	7.378	11.052
41	0.40	11.599	7.301	-1.470	-12.112	-20.804	-24.215	-21.056	-12.693	-2.483	5.823
51	0.50	9.816	9.423	6.694	4.525	5.015	8.330	12.660	15.239	13.885	8.213
61	0.60	-0.108	-8.167	-13.239	-14.069	-11.364	-7.269	-4.162	-3.438	-4.918	-7.131
71	0.70	-8.269	-7.215	-4.088	-0.032	3.557	5.866	7.055	7.962	9.340	11.124
81	0.80	12.234	11.107	6.701	-0.600	-8.757	-14.780	-16.075	-11.800	-3.476	5.529
91	0.90	11.468	11.962	7.168	-0.259	-6.412	-8.017	-4.026	3.855	11.992	16.584
101	1.00	15.504	9.309	0.919	-5.850	-8.185	-5.640	-0.308	4.284	4.982	0.633
111	1.10	-7.283	-15.321	-19.688	-16.039	-10.569	0.083	10.056	15.988	16.422	12.271
121	1.20	6.176	1.150	-0.816	0.470	3.550	6.217	6.664	4.305	-0.087	-4.906
131	1.30	-8.560	-10.172	-9.805	-8.176	-6.095	-3.990	-1.776	0.877	4.096	7.485
141	1.40	10.145	11.069	9.690	6.278	1.939	-1.815	-3.730	-3.384	-1.375	0.955
151	1.50	2.146	1.295	-1.541	-5.365	-8.676	-10.086	-8.862	-5.176	0.005	5.292
161	1.60	9.349	11.280	10.827	8.364	4.719	0.922	-2.083	-3.668	-3.670	-2.415
171	1.70	-0.592	0.982	1.649	1.134	-0.383	-2.378	-4.219	-5.424	-5.798	-5.413
181	1.80	-4.439	-2.966	-0.933	1.773	5.088	8.564	11.341	12.369	10.819	6.520
191	1.90	0.184	-6.709	-12.356	-15.238	-14.637	-10.857	-5.068	1.133	6.253	9.319
201	2.00	10.047	8.765	6.177	3.086	0.188	-2.062	-3.494	-4.204	-4.490	-4.718
211	2.10	-5.153	-5.802	-6.356	-6.300	-5.181	-2.925	-0.019	2.569	3.772	2.950
221	2.20	0.304	-3.088	-5.671	-6.128	-4.056	-0.238	3.672	5.949	5.684	3.307
231	2.30	0.417	-1.035	0.187	3.838	8.184	10.815	9.910	5.308	-1.206	-6.617
241	2.40	-8.108	-4.516	2.936	11.052	16.077	15.474	9.182	-0.261	-8.846	-12.936
251	2.50	-10.958	-4.119	4.199	10.084	10.955	6.758	-0.094	-5.983	-7.933	-5.098
261	2.60	0.805	6.364	8.189	4.638	-3.296	-12.381	-18.637	-19.201	-13.683	-4.348
271	2.70	4.944	10.537	10.637	6.053	-0.328	-5.058	-5.869	-2.792	1.913	4.973
281	2.80	3.866	-1.758	-9.736	-16.328	-18.033	-13.387	-3.861	6.627	13.426	13.293
291	2.90	5.968	-5.593	-16.469	-21.948	-19.621	-10.407	1.947	12.635	17.988	17.024
301	3.00	11.643	5.434	1.720	1.856	4.640	7.102	6.252	0.840	-7.787	-16.215
311	3.10	-20.627	-18.761	-11.149	-0.993	7.313	10.288	7.054	-0.226	-7.409	-10.407
321	3.20	-7.198	1.164	11.065	17.978	18.796	13.125	3.517	-5.812	-11.001	-10.325
331	3.30	-4.896	2.024	6.709	6.808	2.438	-3.964	-8.914	-9.613	-5.280	2.526
341	3.40	10.714	16.155	17.095	13.835	8.392	3.373	0.673	0.639	2.078	3.049
351	3.50	1.972	-1.500	-6.310	-10.544	-12.403	-11.085	-7.137	-2.136	2.106	4.386
361	3.60	4.587	3.579	2.646	2.775	4.172	6.248	8.026	8.719	8.151	6.798
371	3.70	5.451	4.714	4.629	4.644	3.934	1.906	-1.398	-5.226	-8.401	-9.839
381	3.80	-9.030	-6.258	-2.473	1.115	3.492	4.163	3.210	1.127	-1.441	-3.923
391	3.90	-5.915	-7.171	-7.560	-7.065	-5.822	-4.158	-2.541	-1.420	-1.017	-1.166
401	4.00	-1.336	-0.883	0.706	3.308	6.293	8.627	9.322	7.881	4.540	0.197
411	4.10	-3.951	-6.874	-8.074	-7.677	-6.238	-4.408	-2.632	-1.033	0.488	2.050
421	4.20	3.610	4.935	5.727	5.805	5.219	4.227	3.146	2.177	1.333	0.495
431	4.30	-0.423	-1.346	-2.036	-2.246	-1.935	-1.400	-1.198	-1.873	-3.609	-6.021
441	4.40	-8.238	-9.264	-8.468	-5.923	-2.416	0.918	3.159	4.051	4.100	4.242
451	4.50	5.253	7.220	9.392	10.505	9.451	5.924	0.706	-4.601	-8.280	-9.297
461	4.60	-7.782	-4.950	-2.487	-1.713	-2.954	-5.422	-7.669	-8.358	-6.951	-3.972
471	4.70	-0.722	1.395	1.571	-0.028	-2.377	-4.126	-4.250	-2.505	0.516	3.721
481	4.80	6.037	6.846	6.159	4.479	2.497	0.800	-0.287	-0.676	-0.419	0.369
491	4.90	1.508	2.690	3.475	3.397	2.187	-0.001	-2.509	-4.354	-4.623	-2.928

Table 7-20-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1212 S601-DA-1-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = -24.214 (GAL) T= 0.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.319	3.985	6.646	7.214	5.457	2.151	-1.214	-3.072	-2.456	0.587
511	5.10	5.030	9.312	11.986	12.241	10.118	6.340	1.910	-2.288	-5.712	-8.142
521	5.20	-9.515	-9.781	-8.889	-6.929	-4.287	-1.673	0.072	0.334	-0.935	-3.102
531	5.30	-5.077	-5.790	-4.709	-2.102	1.096	3.778	5.249	5.583	5.543	6.068
541	5.40	7.622	9.768	11.258	10.637	7.089	1.057	-5.725	-10.887	-12.485	-9.958
551	5.50	-4.485	1.489	5.347	5.512	2.164	-2.885	-7.111	-8.522	-6.612	-2.539
561	5.60	1.533	3.587	2.785	-0.147	-3.355	-4.868	-3.637	-0.049	4.323	7.581
571	5.70	8.484	7.019	4.259	1.795	0.561	0.597	0.990	0.550	-1.372	-4.398
581	5.80	-7.261	-8.496	-7.302	-4.070	-0.261	2.339	2.578	0.580	-2.282	-4.106
591	5.90	-3.498	-0.352	4.022	7.531	8.352	5.848	0.896	-4.564	-8.475	-9.625
601	6.00	-8.122	-5.173	-2.329	-0.653	-0.247	-0.375	-0.065	1.213	3.180	4.932
611	6.10	5.518	4.579	2.627	0.785	0.131	1.014	2.770	4.027	3.467	0.626
621	6.20	-3.724	-7.858	-9.926	-8.904	-5.165	-0.335	3.490	4.790	3.358	0.363
631	6.30	-2.309	-3.076	-1.501	1.495	4.160	4.884	3.108	-0.349	-3.701	-5.153
641	6.40	-3.882	-0.525	3.108	4.948	3.754	-0.192	-5.163	-8.785	-9.192	-5.937
651	6.50	-0.234	5.597	9.208	9.281	6.087	1.291	-2.872	-4.626	-3.393	0.054
661	6.60	4.075	6.972	7.734	6.375	3.767	1.108	-0.660	-1.200	-0.775	0.052
671	6.70	0.791	1.261	1.580	1.955	2.438	2.816	2.705	1.798	0.111	-1.935
681	6.80	-3.645	-4.362	-3.779	-2.100	0.032	1.817	2.648	2.351	1.228	-0.123
691	6.90	-1.090	-1.320	-0.838	0.004	0.705	0.829	0.167	-1.206	-2.968	-4.650
701	7.00	-5.746	-5.842	-4.719	-2.448	0.565	3.631	5.933	6.778	5.861	3.423
711	7.10	0.225	-2.702	-4.439	-4.538	-3.203	-1.197	0.495	1.096	0.370	-1.304
721	7.20	-3.131	-4.286	-4.277	-3.141	-1.360	0.414	1.682	2.308	2.493	2.580
731	7.30	2.790	3.063	3.094	2.539	1.280	-0.427	-2.003	-2.790	-2.380	-0.841
741	7.40	1.276	3.155	4.073	3.713	2.282	0.389	-1.256	-2.165	-2.272	-1.904
751	7.50	-1.571	-1.676	-2.300	-3.168	-3.788	-3.709	-2.743	-1.071	0.827	2.365
761	7.60	3.080	2.791	1.645	0.032	-1.570	-2.754	-3.290	-3.165	-2.544	-1.700
771	7.70	-0.924	-0.446	-0.371	-0.653	-1.096	-1.407	-1.290	-0.546	0.832	2.629
781	7.80	4.451	5.847	6.456	6.142	5.048	3.554	2.142	1.227	1.001	1.371
791	7.90	1.998	2.436	2.305	1.450	0.010	-1.632	-2.991	-3.676	-3.554	-2.818
801	8.00	-1.923	-1.403	-1.642	-2.686	-4.184	-5.487	-5.897	-4.948	-2.632	0.551
811	8.10	3.742	6.027	6.774	5.875	3.783	1.328	-0.606	-1.424	-1.025	0.200
821	8.20	1.576	2.456	2.489	1.746	0.642	-0.286	-0.642	-0.344	0.373	1.093
831	8.30	1.447	1.282	0.719	0.055	-0.419	-0.585	-0.562	-0.624	-1.029	-1.839
841	8.40	-2.844	-3.635	-3.797	-3.123	-1.746	-0.104	1.254	1.922	1.837	1.306
851	8.50	0.853	0.940	1.716	2.909	3.936	4.184	3.337	1.574	-0.451	-1.872
861	8.60	-1.986	-0.591	1.892	4.560	6.382	6.613	5.078	2.211	-1.146	-4.103
871	8.70	-6.046	-6.799	-6.561	-5.686	-4.425	-2.812	-0.703	1.993	5.082	7.958
881	8.80	9.707	9.427	6.628	1.544	-4.811	-10.900	-15.155	-16.511	-14.782	-10.711
891	8.90	-5.677	-1.184	1.681	2.589	1.991	0.843	0.147	0.521	1.970	3.931
901	9.00	5.564	6.131	5.305	3.288	0.697	-1.703	-3.290	-3.781	-3.259	-2.043
911	9.10	-0.507	1.082	2.610	4.050	5.341	6.298	6.611	5.950	4.139	1.296
921	9.20	-2.123	-5.414	-7.824	-8.786	-8.097	-5.978	-3.001	0.091	2.589	3.998
931	9.30	4.135	3.134	1.373	-0.665	-2.423	-3.574	-3.897	-3.385	-2.193	-0.563
941	9.40	1.256	3.051	4.674	5.982	6.794	6.871	5.970	3.970	1.016	-2.384
951	9.50	-5.409	-7.141	-6.889	-4.513	-0.582	3.724	6.978	8.011	6.363	2.484
961	9.60	-2.412	-6.797	-9.400	-9.678	-7.978	-5.344	-3.062	-2.132	-2.899	-4.965
971	9.70	-7.405	-9.149	-9.381	-7.761	-4.577	-0.409	3.888	7.500	9.790	10.399
981	9.80	9.300	6.820	3.612	0.527	-1.591	-2.182	-1.182	0.909	3.189	4.704
991	9.90	4.840	3.594	1.569	-0.317	-1.277	-1.041	0.020	1.101	1.408	0.617

Table 7-20-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1212 S601-DA-1-1 U-D (U-D) SHIJYUSHIOA DAM MAX. ACC. = -24.214 (GAL) T= 0.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.911	-2.287	-2.545	-1.188	1.495	4.495	6.541	6.718	4.940	2.007
1011	10.10	-0.775	-2.246	-1.968	-0.434	1.213	1.797	0.750	-1.577	-4.092	-5.555
1021	10.20	-5.245	-3.374	-0.981	0.612	0.527	-1.170	-3.470	-4.916	-4.357	-1.553
1031	10.30	2.691	6.926	9.780	10.605	9.708	8.050	6.602	5.727	4.973	3.385
1041	10.40	0.190	-4.554	-9.747	-13.632	-14.632	-12.195	-7.181	-1.558	2.505	3.667
1051	10.50	2.063	-0.799	-2.851	-2.580	0.153	4.013	6.890	7.033	4.024	-0.937
1061	10.60	-5.607	-7.839	-6.704	-2.985	1.216	3.583	2.823	-0.615	-4.727	-6.972
1071	10.70	-5.595	-0.596	6.202	11.976	14.279	12.221	6.897	0.837	-3.234	-3.694
1081	10.80	-0.763	3.692	7.145	7.686	4.946	0.235	-6.144	-6.046	-4.504	-0.162
1091	10.90	5.071	8.936	9.828	7.450	2.822	-2.268	-6.089	-7.648	-6.970	-4.907
1101	11.00	-2.640	-1.154	-0.911	-1.821	-3.437	-5.240	-6.845	-8.065	-8.843	-9.139
1111	11.10	-8.850	-7.804	-5.826	-2.828	1.103	5.654	10.279	14.244	16.746	17.096
1121	11.20	14.951	10.517	4.618	-1.429	-6.169	-8.474	-7.959	-5.167	-1.394	1.786
1131	11.30	3.132	2.223	-0.404	-3.520	-5.774	-6.305	-5.123	-3.076	-1.429	-1.241
1141	11.40	-2.840	-5.627	-8.319	-9.497	-8.241	-4.546	0.643	5.798	9.398	10.507
1151	11.50	9.080	5.906	2.233	-0.754	-2.360	-2.553	-1.840	-0.919	-0.298	-0.057
1161	11.60	0.150	0.854	2.429	4.819	7.468	9.503	10.099	8.853	6.000	2.364
1171	11.70	-0.953	-3.004	-3.368	-2.301	-0.596	0.773	1.058	0.027	-2.004	-4.377
1181	11.80	-6.415	-7.711	-8.238	-8.240	-7.997	-7.603	-6.884	-5.510	-3.242	-0.172
1191	11.90	3.191	6.043	7.572	7.292	5.247	2.008	-1.550	-4.572	-6.506	-7.236
1201	12.00	-7.010	-6.252	-5.332	-4.434	-3.543	-2.537	-1.312	0.137	1.705	3.232
1211	12.10	4.563	5.590	6.250	6.497	6.305	5.683	4.721	3.612	2.611	1.949
1221	12.20	1.711	1.781	1.868	1.646	0.926	-0.207	-1.393	-2.140	-2.056	-1.061
1231	12.30	0.527	2.089	2.950	2.657	1.171	-1.115	-3.536	-5.412	-6.290	-6.065
1241	12.40	-4.960	-3.396	-1.836	-0.665	-0.149	-0.438	-1.577	-3.490	-5.937	-8.505
1251	12.50	-10.659	-11.877	-11.822	-10.477	-8.155	-5.379	-2.664	-0.326	1.603	3.293
1261	12.60	4.928	6.513	7.817	8.479	8.240	7.158	5.665	4.400	3.882	4.193
1271	12.70	4.872	5.118	4.227	2.071	-0.672	-2.706	-2.690	0.040	4.965	10.394
1281	12.80	14.063	14.111	9.990	2.875	-4.684	-9.765	-10.333	-6.167	0.962	7.983
1291	12.90	11.816	10.696	4.936	-3.190	-10.415	-13.846	-12.159	-6.088	1.945	8.875
1301	13.00	12.230	11.046	6.096	-0.579	-6.578	-10.075	-10.415	-8.179	-4.792	-1.869
1311	13.10	-0.610	-1.416	-3.828	-6.753	-8.862	-9.037	-6.751	-2.290	3.280	8.396
1321	13.20	11.506	11.639	8.846	4.282	-0.153	-2.543	-1.771	1.937	7.005	11.128
1331	13.30	12.256	9.548	3.814	-2.769	-7.589	-8.760	-5.979	-0.666	4.688	7.676
1341	13.40	7.074	3.375	-1.493	-5.125	-5.786	-3.222	1.267	5.477	7.357	5.936
1351	13.50	1.707	-3.680	-8.222	-10.440	-9.915	-7.288	-3.780	-0.561	1.716	2.996
1361	13.60	3.565	3.663	3.242	2.024	-0.182	-3.123	-5.953	-7.433	-6.438	-2.526
1371	13.70	3.701	10.658	16.269	18.683	16.938	11.288	3.084	-5.719	-13.217	-18.108
1381	13.80	-19.962	-19.168	-16.625	-13.340	-10.105	-7.329	-5.054	-3.103	-1.262	0.566
1391	13.90	2.312	3.787	4.809	5.337	5.550	5.812	6.516	7.859	9.641	11.214
1401	14.00	11.635	10.015	5.942	-0.204	-7.209	-13.322	-16.818	-16.620	-12.724	-6.257
1411	14.10	0.901	6.759	9.892	9.877	7.527	3.548	-0.031	-2.385	-3.190	-2.786
1421	14.20	-1.874	-1.122	-0.844	-0.913	-0.882	-0.261	1.204	3.363	5.681	7.411
1431	14.30	7.860	6.653	3.694	0.183	-3.522	-6.168	-6.923	-5.442	-2.012	2.499
1441	14.40	6.882	9.956	10.945	9.730	6.880	3.447	0.583	-0.868	-0.666	0.756
1451	14.50	2.464	3.376	2.654	0.025	-4.098	-8.708	-12.492	-14.221	-13.142	-9.256
1461	14.60	-3.382	3.016	8.231	10.841	10.181	6.611	1.428	-3.565	-6.696	-7.050
1471	14.70	-4.790	-1.066	2.501	4.519	4.401	2.565	0.145	-1.630	-2.089	-1.465
1481	14.80	-0.760	-1.165	-3.358	-7.022	-10.874	-13.215	-12.747	-9.253	-3.791	1.733
1491	14.90	5.407	6.184	4.335	1.264	-1.199	-1.729	-0.126	2.631	4.949	5.498

Table 7-20-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1212 S601-DA-1-1 U-D (U-D) SHIJYUSHIOA DAM MAX. ACC. = -24.214 (GAL) T= 0.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	3.933	1.106	-1.361	-1.918	0.081	3.991	8.127	10.537	9.905	6.158
1511	15.10	0.476	-5.269	-9.353	-10.897	-10.100	-7.942	-5.558	-3.641	-2.195	-0.727
1521	15.20	1.260	3.791	6.264	7.703	7.317	5.017	1.616	-1.455	-2.795	-1.714
1531	15.30	1.381	5.124	7.804	8.141	5.879	1.888	-2.260	-5.025	-5.583	-4.137
1541	15.40	-1.724	0.352	1.164	0.561	-0.866	-2.185	-2.670	-2.178	-1.186	-0.464
1551	15.50	-0.591	-1.587	-2.849	-3.441	-2.586	-0.089	3.508	7.126	9.606	10.185
1561	15.60	8.784	5.973	2.670	-0.265	-2.338	-3.515	-4.079	-4.387	-4.660	-4.918
1571	15.70	-5.057	-4.995	-4.762	-4.486	-4.268	-4.063	-3.651	-2.746	-1.202	0.805
1581	15.80	2.746	3.905	3.695	1.975	-0.804	-3.707	-5.661	-5.886	-4.215	-1.162
1591	15.90	2.291	5.097	6.533	6.412	5.054	3.047	0.954	-0.890	-2.390	-3.555
1601	16.00	-4.315	-4.432	-3.569	-1.518	1.572	5.074	7.986	9.253	8.158	4.649
1611	16.10	-0.577	-6.266	-11.003	-13.667	-13.762	-11.506	-7.686	-3.341	0.583	3.472
1621	16.20	5.128	5.701	5.530	4.984	4.352	3.799	3.381	3.073	2.808	2.499
1631	16.30	2.066	1.472	0.745	-0.011	-0.643	-1.011	-1.059	-0.857	-0.591	-0.474
1641	16.40	-0.642	-1.053	-1.482	-1.602	-1.150	-0.088	1.318	2.567	3.121	2.664
1651	16.50	1.296	-0.434	-1.715	-1.800	-0.360	2.307	5.331	7.577	8.106	6.592
1661	16.60	3.509	-0.012	-2.605	-3.221	-1.557	1.302	5.608	8.438	9.237	7.700
1671	16.70	4.334	0.197	-3.548	-6.070	-7.100	-6.898	-6.004	-4.932	-3.954	-3.079
1681	16.80	-2.195	-1.263	-0.438	-0.035	-0.348	-1.447	-3.064	-4.652	-5.607	-5.537
1691	16.90	-4.449	-2.738	-0.997	0.263	0.837	0.882	0.771	0.844	1.189	1.588
1701	17.00	1.654	1.093	-0.058	-1.363	-2.142	-1.786	-0.086	2.614	5.507	7.649
1711	17.10	8.364	7.534	5.641	3.540	2.062	1.649	2.182	3.081	3.620	3.288
1721	17.20	2.039	0.295	-1.273	-2.079	-1.900	-0.971	0.149	0.856	0.785	-0.031
1731	17.30	-1.202	-2.194	-2.588	-2.268	-1.446	-0.523	0.132	0.364	0.291	0.197
1741	17.40	0.337	0.758	1.223	1.311	0.631	-0.952	-3.182	-5.468	-7.106	-7.572
1751	17.50	-6.760	-5.045	-3.124	-1.714	-1.230	-1.603	-2.318	-2.672	-2.129	-0.605
1761	17.60	1.452	3.238	3.956	3.197	1.157	-1.406	-3.478	-4.220	-3.329	-1.164
1771	17.70	1.413	3.418	4.162	3.521	1.941	0.189	-1.016	-1.321	-0.849	-0.070
1781	17.80	0.488	0.522	0.097	-0.428	-0.633	-0.294	0.478	1.298	1.732	1.560
1791	17.90	0.919	0.254	0.074	0.660	1.867	3.157	3.844	3.454	2.000	0.029
1801	18.00	-1.598	-2.107	-1.188	0.826	3.084	4.592	4.654	3.185	0.725	-1.818
1811	18.10	-3.600	-4.201	-3.780	-2.921	-2.300	-2.323	-2.934	-3.676	-3.973	-3.463
1821	18.20	-2.214	-0.709	0.388	0.563	-0.301	-1.878	-3.571	-4.811	-5.308	-5.137
1831	18.30	-4.620	-4.085	-3.646	-3.133	-2.217	-0.652	1.499	3.809	5.629	6.390
1841	18.40	5.892	4.428	2.674	1.375	0.992	1.480	2.325	2.816	2.422	1.085
1851	18.50	-0.728	-2.242	-2.758	-2.011	-0.321	1.539	2.705	2.625	1.332	-0.575
1861	18.60	-2.196	-2.743	-1.886	0.113	2.543	4.567	5.586	5.462	4.520	3.337
1871	18.70	2.452	2.120	2.240	2.452	2.360	1.740	0.666	-0.629	-1.706	-2.306
1881	18.80	-2.363	-2.031	-1.584	-1.273	-1.219	-1.390	-1.654	-1.891	-2.078	-2.300
1891	18.90	-2.694	-3.338	-4.154	-4.892	-5.199	-4.765	-3.476	-1.511	0.690	2.559
1901	19.00	3.618	3.669	2.892	1.782	0.958	0.905	1.760	3.239	4.745	5.615
1911	19.10	5.403	4.085	2.077	0.063	-1.298	-1.657	-1.120	-0.181	0.523	0.524
1921	19.20	-0.246	-1.415	-2.348	-2.462	-1.509	0.280	2.298	3.832	4.391	3.925
1931	19.30	2.821	1.694	1.067	1.103	1.529	1.785	1.324	-0.087	-2.227	-4.498
1941	19.40	-6.199	-6.851	-6.414	-5.294	-4.133	-3.503	-3.639	-4.353	-5.159	-5.532
1951	19.50	-5.170	-4.126	-2.743	-1.455	-0.544	-0.003	0.434	1.114	2.240	3.716
1961	19.60	5.156	6.051	6.004	4.932	3.119	1.106	-0.523	-1.371	-1.344	-0.640
1971	19.70	0.386	1.395	2.181	2.706	3.031	3.220	3.271	3.117	2.691	1.998
1981	19.80	1.165	0.409	-0.052	-0.097	0.229	0.730	1.134	1.213	0.871	0.183
1991	19.90	-0.640	-1.338	-1.687	-1.574	-1.016	-0.148	0.819	1.648	2.123	2.096

Table 7-20-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1212 S601-DA-1-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = -24.214 (GAL) T= 0.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	1.528	0.507	-0.758	-1.987	-2.903	-3.323	-3.217	-2.716	-2.053	-1.472
2011	20.10	-1.132	-1.060	-1.169	-1.323	-1.420	-1.441	-1.440	-1.493	-1.626	-1.791
2021	20.20	-1.879	-1.796	-1.533	-1.193	-0.948	-0.946	-1.208	-1.579	-1.773	-1.497
2031	20.30	-0.597	0.842	2.497	3.922	4.719	4.697	3.935	2.737	1.496	0.532
2041	20.40	-0.009	-0.169	-0.104	0.030	0.162	0.324	0.607	1.072	1.693	2.341
2051	20.50	2.829	2.991	2.746	2.124	1.245	0.271	-0.644	-1.384	-1.876	-2.086
2061	20.60	-2.025	-1.751	-1.378	-1.054	-0.909	-0.992	-1.219	-1.382	-1.231	-0.591
2071	20.70	0.516	1.832	2.928	3.376	2.936	1.694	0.062	-1.367	-2.060	-1.763
2081	20.80	-0.619	0.888	2.137	2.620	2.151	0.918	-0.605	-1.867	-2.456	-2.232
2091	20.90	-1.343	-0.126	1.034	1.833	2.101	1.794	0.957	-0.319	-1.897	-3.581
2101	21.00	-5.109	-6.185	-6.554	-6.098	-4.902	-3.248	-1.541	-0.168	0.621	0.792
2111	21.10	0.502	0.017	-0.410	-0.624	-0.602	-0.411	-0.136	0.179	0.558	1.063
2121	21.20	1.739	2.565	3.432	4.178	4.635	4.694	4.343	3.671	2.843	2.050
2131	21.30	1.465	1.196	1.266	1.606	2.075	2.501	2.734	2.701	2.426	2.028
2141	21.40	1.655	1.414	1.304	1.198	0.901	0.246	-0.802	-2.086	-3.297	-4.081
2151	21.50	-4.197	-3.632	-2.618	-1.549	-0.814	-0.630	-0.957	-1.528	-1.982	-2.039
2161	21.60	-1.624	-0.897	-0.167	0.259	0.205	-0.303	-1.076	-1.851	-2.409	-2.638
2171	21.70	-2.534	-2.167	-1.624	-0.997	-0.391	0.054	0.172	-0.167	-0.974	-2.067
2181	21.80	-3.080	-3.575	-3.223	-1.982	-0.172	1.608	2.699	2.667	1.495	-0.378
2191	21.90	-2.241	-3.401	-3.481	-2.569	-1.152	0.131	0.791	0.712	0.174	-0.313
2201	22.00	-0.288	0.424	1.629	2.878	3.718	3.931	3.652	3.289	3.299	3.921
2211	22.10	5.029	6.162	6.737	6.333	4.901	2.808	0.676	-0.893	-1.568	-1.414
2221	22.20	-0.818	-0.277	-0.161	-0.552	-1.263	-1.976	-2.442	-2.614	-2.653	-2.799
2231	22.30	-3.196	-3.771	-4.240	-4.245	-3.554	-2.210	-0.552	0.919	1.760	1.787
2241	22.40	1.159	0.292	-0.343	-0.443	-0.006	0.686	1.227	1.294	0.809	-0.041
2251	22.50	-0.903	-1.443	-1.495	-1.123	-0.551	-0.030	0.293	0.421	0.460	0.504
2261	22.60	0.540	0.435	0.016	-0.792	-1.861	-2.852	-3.336	-2.991	-1.778	-0.004
2271	22.70	1.774	2.969	3.211	2.507	1.231	-0.051	-0.837	-0.912	-0.427	0.192
2281	22.80	0.469	0.109	-0.859	-2.099	-3.138	-3.585	-3.311	-2.494	-1.512	-0.753
2291	22.90	-0.424	-0.458	-0.565	-0.385	0.322	1.548	3.030	4.366	5.195	5.353
2301	23.00	4.935	4.236	3.598	3.245	3.178	3.193	2.994	2.360	1.286	0.012
2311	23.10	-1.065	-1.562	-1.289	-0.347	0.896	1.952	2.421	2.150	1.300	0.258
2321	23.20	-0.539	-0.799	-0.503	0.104	0.627	0.716	0.211	-0.789	-1.991	-3.044
2331	23.30	-3.689	-3.844	-3.594	-3.110	-2.542	-1.963	-1.369	-0.755	-0.174	0.240
2341	23.40	0.325	-0.002	-0.659	-1.387	-1.839	-1.742	-1.050	-0.008	0.935	1.320
2351	23.50	0.908	-0.178	-1.468	-2.343	-2.308	-1.244	0.514	2.290	3.351	3.222
2361	23.60	1.892	-0.179	-2.251	-3.622	-3.904	-3.156	-1.813	-0.456	0.459	0.789
2371	23.70	0.723	0.644	0.901	1.615	2.616	3.522	3.938	3.656	2.764	1.613
2381	23.80	0.659	0.258	0.508	1.212	1.980	2.403	2.240	1.510	0.466	-0.530
2391	23.90	-1.174	-1.343	-1.124	-0.745	-0.447	-0.368	-0.492	-0.684	-0.782	-0.693
2401	24.00	-0.644	-0.153	0.056	0.138	0.172	0.325	0.757	1.513	2.456	3.303
2411	24.10	3.731	3.522	2.678	1.434	0.174	-0.725	-1.041	-0.790	-0.197	0.421
2421	24.20	0.796	0.816	0.531	0.090	-0.373	-0.821	-1.319	-1.974	-2.823	-3.765
2431	24.30	-4.559	-4.918	-4.646	-3.748	-2.464	-1.188	-0.311	-0.067	-0.433	-1.159
2441	24.40	-1.884	-2.302	-2.283	-1.903	-1.368	-0.879	-0.512	-0.175	0.331	1.176
2451	24.50	2.366	3.677	4.702	5.009	4.326	2.692	0.476	-1.721	-3.293	-3.837
2461	24.60	-3.310	-2.036	-0.568	0.531	0.911	0.563	-0.199	-0.882	-1.032	-0.436
2471	24.70	0.789	2.240	3.390	3.798	3.278	1.964	0.242	-1.399	-2.553	-3.027
2481	24.80	-2.875	-2.332	-1.690	-1.177	-0.884	-0.767	-0.706	-0.586	-0.356	-0.038
2491	24.90	0.291	0.551	0.683	0.664	0.489	0.156	-0.334	-0.959	-1.657	-2.313

Table 7-20-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1212 S601-DA-1-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = -24.214 (GAL) T= 0.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-2.783	-2.949	-2.769	-2.316	-1.756	-1.283	-1.037	-1.034	-1.165	-1.249
2511	25.10	-1.130	-0.761	-0.241	0.237	0.475	0.386	0.039	-0.358	-0.565	-0.431
2521	25.20	0.015	0.560	0.898	0.772	0.108	-0.931	-1.992	-2.670	-2.676	-1.951
2531	25.30	-0.694	0.724	1.913	2.612	2.783	2.595	2.332	2.256	2.486	2.962
2541	25.40	3.473	3.769	3.668	3.137	2.302	1.386	0.620	0.149	-0.013	0.035
2551	25.50	0.139	0.171	0.089	-0.050	-0.127	-0.026	0.305	0.817	1.376	1.816
2561	25.60	2.005	1.898	1.556	1.113	0.728	0.523	0.545	0.768	1.120	1.522
2571	25.70	1.923	2.311	2.691	3.061	3.383	3.584	3.575	3.292	2.734	1.985
2581	25.80	1.201	0.571	0.263	0.369	0.867	1.620	2.408	2.980	3.129	2.749
2591	25.90	1.868	0.647	-0.670	-1.827	-2.637	-3.037	-3.098	-2.985	-2.881	-2.906
2601	26.00	-3.068	-3.267	-3.359	-3.232	-2.877	-2.401	-1.976	-1.752	-1.778	-1.964
2611	26.10	-2.134	-2.115	-1.853	-1.459	-1.177	-1.267	-1.857	-2.845	-3.902	-4.594
2621	26.20	-4.570	-3.739	-2.341	-0.865	0.138	0.300	-0.401	-1.616	-2.768	-3.292
2631	26.30	-2.873	-1.583	0.158	1.754	2.681	2.689	1.883	0.659	-0.474	-1.092
2641	26.40	-1.008	-0.309	0.707	1.666	2.255	2.315	1.866	1.081	0.210	-0.490
2651	26.50	-0.825	-0.708	-0.179	0.604	1.401	1.964	2.115	1.817	1.196	0.499
2661	26.60	0.001	-0.111	0.174	0.683	1.126	1.233	0.880	0.157	-0.661	-1.229
2671	26.70	-1.291	-0.792	0.088	1.015	1.640	1.754	1.366	0.685	0.019	-0.371
2681	26.80	-0.380	-0.093	0.275	0.485	0.394	0.011	-0.513	-0.965	-1.168	-1.059
2691	26.90	-0.709	-0.283	0.039	0.141	0.016	-0.239	-0.472	-0.543	-0.387	-0.040
2701	27.00	0.380	0.717	0.842	0.702	0.334	-0.146	-0.591	-0.875	-0.926	-0.745
2711	27.10	-0.383	0.089	0.605	1.120	1.591	1.964	2.162	2.108	1.758	1.156
2721	27.20	0.446	-0.146	-0.399	-0.186	0.442	1.261	1.944	2.200	1.909	1.191
2731	27.30	0.370	-0.165	-0.133	0.504	1.515	2.493	3.043	2.948	2.261	1.265
2741	27.40	0.324	-0.288	-0.510	-0.493	-0.489	-0.696	-1.138	-1.650	-1.974	-1.916
2751	27.50	-1.472	-0.854	-0.396	-0.387	-0.916	-1.814	-2.722	-3.261	-3.209	-2.603
2761	27.60	-1.719	-0.926	-0.514	-0.561	-0.917	-1.300	-1.449	-1.265	-0.847	-0.433
2771	27.70	-0.264	-0.454	-0.935	-1.488	-1.861	-1.888	-1.567	-1.052	-0.565	-0.295
2781	27.80	-0.315	-0.563	-0.897	-1.167	-1.284	-1.246	-1.116	-0.973	-0.875	-0.834
2791	27.90	-0.834	-0.854	-0.876	-0.885	-0.845	-0.691	-0.339	0.273	1.130	2.108
2801	28.00	2.987	3.520	3.532	3.006	2.117	1.184	0.558	0.485	1.000	1.904
2811	28.10	2.839	3.415	3.366	2.646	1.441	0.099	-1.007	-1.598	-1.577	-1.029
2821	28.20	-0.167	0.760	1.544	2.064	2.281	2.212	1.697	1.385	0.744	0.065
2831	28.30	-0.533	-0.932	-1.061	-0.936	-0.667	-0.430	-0.383	-0.599	-1.010	-1.426
2841	28.40	-1.609	-1.378	-0.696	0.306	1.371	2.220	2.659	2.640	2.260	1.692
2851	28.50	1.103	0.594	0.188	-0.128	-0.348	-0.427	-0.301	0.046	0.528	0.949
2861	28.60	1.067	0.710	-0.115	-1.184	-2.128	-2.586	-2.375	-1.596	-0.601	0.170
2871	28.70	0.394	0.038	-0.620	-1.122	-1.064	-0.312	0.905	2.092	2.717	2.480
2881	28.80	1.470	0.141	-0.898	-1.175	-0.583	0.558	1.651	2.099	1.591	0.241
2891	28.90	-1.464	-2.896	-3.566	-3.335	-2.446	-1.380	-0.620	-0.430	-0.762	-1.322
2901	29.00	-1.746	-1.789	-1.435	-0.886	-0.433	-0.305	-0.558	-1.062	-1.583	-1.902
2911	29.10	-1.912	-1.644	-1.229	-0.815	-0.498	-0.299	-0.189	-0.134	-0.132	-0.209
2921	29.20	-0.390	-0.661	-0.955	-1.173	-1.234	-1.122	-0.899	-0.674	-0.543	-0.538
2931	29.30	-0.607	-0.646	-0.562	-0.333	-0.024	0.243	0.359	0.288	0.094	-0.097
2941	29.40	-0.161	-0.051	0.185	0.438	0.609	0.691	0.785	1.061	1.658	2.589
2951	29.50	3.701	4.717	5.349	5.426	4.975	4.209	3.422	2.850	2.561	2.437
2961	29.60	2.249	1.797	1.035	0.116	-0.674	-1.048	-0.867	-0.217	0.623	1.299
2971	29.70	1.546	1.295	0.691	0.012	-0.478	-0.646	-0.539	-0.348	-0.293	-0.518
2981	29.80	-1.024	-1.680	-2.299	-2.720	-2.865	-2.743	-2.410	-1.925	-1.318	-0.607
2991	29.90	0.166	0.910	1.489	1.771	1.686	1.277	0.687	0.097	-0.353	-0.636

Table 7-20-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1212 S601-DA-1-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = -24.214 (GAL) T= 0.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.840	-1.109	-1.543	-2.121	-2.684	-2.994	-2.847	-2.189	-1.158	-0.047
3011	30.10	0.814	1.196	1.061	0.567	-0.013	-0.423	-0.528	-0.359	-0.072	0.154
3021	30.20	0.216	0.134	0.034	0.065	0.311	0.735	1.188	1.482	1.478	1.157
3031	30.30	0.629	0.083	-0.302	-0.427	-0.318	-0.093	0.096	0.143	0.030	-0.173
3041	30.40	-0.356	-0.434	-0.398	-0.320	-0.310	-0.454	-0.746	-1.076	-1.262	-1.133
3051	30.50	-0.622	0.173	1.007	1.564	1.592	1.018	0.004	-1.092	-1.854	-1.971
3061	30.60	-1.379	-0.297	0.853	1.616	1.698	1.091	0.076	-0.901	-1.429	-1.308
3071	30.70	-0.636	0.252	0.969	1.162	0.847	0.214	-0.394	-0.675	-0.520	-0.055
3081	30.80	0.442	0.699	0.608	0.284	0.007	0.058	0.551	1.343	2.082	2.370
3091	30.90	1.975	0.970	-0.265	-1.205	-1.414	-0.768	0.466	1.727	2.400	2.084
3101	31.00	0.783	-1.089	-2.876	-3.959	-4.010	-3.114	-1.707	-0.370	0.428	0.520
3111	31.10	0.076	-0.515	-0.858	-0.750	-0.264	0.300	0.588	0.383	-0.281	-1.123
3121	31.20	-1.751	-1.845	-1.319	-0.359	0.653	1.312	1.357	0.782	-0.190	-1.211
3131	31.30	-1.970	-2.308	-2.256	-1.972	-1.642	-1.374	-1.169	-0.949	-0.645	-0.265
3141	31.40	0.088	0.264	0.160	-0.205	-0.669	-0.987	-0.947	-0.485	0.273	1.043
3151	31.50	1.517	1.496	1.002	0.268	-0.349	-0.533	-0.146	0.709	1.732	2.559
3161	31.60	2.920	2.745	2.186	1.527	1.055	0.927	1.116	1.438	1.659	1.616
3171	31.70	1.298	0.851	0.505	0.460	0.779	1.355	1.943	2.265	2.131	1.525
3181	31.80	0.618	-0.291	-0.894	-0.988	-0.554	0.245	1.126	1.801	2.080	1.928
3191	31.90	1.462	0.889	0.415	0.168	0.161	0.304	0.464	0.524	0.436	0.229
3201	32.00	-0.012	-0.188	-0.232	-0.129	0.083	0.329	0.532	0.626	0.580	0.399
3211	32.10	0.128	-0.156	-0.357	-0.381	-0.175	0.251	0.810	1.349	1.702	1.745
3221	32.20	1.453	0.911	0.289	-0.233	-0.533	-0.601	-0.533	-0.480	-0.569	-0.836
3231	32.30	-1.217	-1.580	-1.800	-1.830	-1.721	-1.591	-1.554	-1.647	-1.804	-1.888
3241	32.40	-1.770	-1.416	-0.922	-0.484	-0.303	-0.477	-0.939	-1.467	-1.784	-1.690
3251	32.50	-1.168	-0.398	0.309	0.659	0.505	-0.084	-0.858	-1.514	-1.833	-1.811
3261	32.60	-1.612	-1.524	-1.785	-2.466	-3.420	-4.344	-4.917	-4.943	-4.443	-3.643
3271	32.70	-2.868	-2.403	-2.365	-2.667	-3.066	-3.290	-3.157	-2.656	-1.939	-1.236
3281	32.80	-0.744	-0.534	-0.522	-0.520	-0.326	0.173	0.949	1.851	2.668	3.229
3291	32.90	3.468	3.446	3.307	3.206	3.234	3.390	3.591	3.733	3.749	3.647
3301	33.00	3.499	3.393	3.376	3.412	3.390	3.179	2.696	1.965	1.119	0.358
3311	33.10	-0.137	-0.283	-0.140	0.122	0.287	0.198	-0.183	-0.749	-1.305	-1.650
3321	33.20	-1.663	-1.352	-0.841	-0.309	0.088	0.286	0.323	0.315	0.390	0.623
3331	33.30	0.996	1.409	1.719	1.799	1.600	1.168	0.642	0.203	0.021	0.193
3341	33.40	0.708	1.443	2.192	2.722	2.842	2.463	1.632	0.522	-0.614	-1.515
3351	33.50	-1.994	-1.991	-1.587	-0.970	-0.367	0.029	0.123	-0.065	-0.415	-0.762
3361	33.60	-0.958	-0.922	-0.664	-0.274	0.116	0.377	0.430	0.271	-0.029	-0.347
3371	33.70	-0.555	-0.566	-0.367	-0.031	0.309	0.511	0.483	0.224	-0.167	-0.524
3381	33.80	-0.677	-0.521	-0.067	0.561	1.170	1.563	1.618	1.325	0.780	0.148
3391	33.90	-0.404	-0.751	-0.844	-0.704	-0.398	-0.018	0.343	0.602	0.695	0.593
3401	34.00	0.320	-0.040	-0.353	-0.480	-0.325	0.105	0.690	1.232	1.529	1.470
3411	34.10	1.089	0.559	0.112	-0.074	0.023	0.250	0.335	0.021	-0.793	-1.973
3421	34.20	-3.177	-3.987	-4.080	-3.384	-2.116	-0.709	0.362	0.779	0.498	-0.236
3431	34.30	-1.005	-1.405	-1.209	-0.460	0.567	1.489	1.978	1.886	1.291	0.446
3441	34.40	-0.337	-0.799	-0.824	-0.451	0.168	0.833	1.373	1.677	1.712	1.507
3451	34.50	1.127	0.661	0.203	-0.157	-0.351	-0.345	-0.154	0.160	0.506	0.794
3461	34.60	0.962	0.992	0.907	0.742	0.526	0.258	-0.082	-0.512	-1.025	-1.567
3471	34.70	-2.054	-2.398	-2.551	-2.529	-2.410	-2.299	-2.280	-2.371	-2.508	-2.574
3481	34.80	-2.446	-2.059	-1.439	-0.705	-0.021	0.464	0.674	0.625	0.410	0.149
3491	34.90	-0.061	-0.187	-0.259	-0.337	-0.471	-0.665	-0.874	-1.028	-1.070	-0.993

Table 7-20-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1212 S601-DA-1-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = -24.214 (GAL) T= 0.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.842	-0.701	-0.649	-0.718	-0.879	-1.052	-1.146	-1.103	-0.925	-0.676
3511	35.10	-0.452	-0.331	-0.339	-0.435	-0.531	-0.536	-0.399	-0.139	0.162	0.393
3521	35.20	0.464	0.350	0.108	-0.141	-0.261	-0.155	0.190	0.696	1.216	1.588
3531	35.30	1.693	1.497	1.060	0.508	-0.014	-0.395	-0.589	-0.613	-0.521	-0.362
3541	35.40	-0.147	0.153	0.587	1.182	1.902	2.641	3.239	3.534	3.422	2.898
3551	35.50	2.061	1.089	0.175	-0.521	-0.920	-1.026	-0.909	-0.669	-0.404	-0.188
3561	35.60	-0.057	-0.017	-0.041	-0.074	-0.046	0.106	0.414	0.848	1.309	1.652
3571	35.70	1.735	1.486	0.944	0.270	-0.307	-0.575	-0.427	0.091	0.795	1.441
3581	35.80	1.826	1.864	1.617	1.237	0.888	0.655	0.519	0.380	0.140	-0.224
3591	35.90	-0.624	-0.902	-0.908	-0.593	-0.053	0.507	0.858	0.864	0.543	0.061
3601	36.00	-0.355	-0.529	-0.424	-0.152	0.098	0.164	0.009	-0.259	-0.446	-0.382
3611	36.10	-0.019	0.529	1.039	1.288	1.174	0.764	0.268	-0.072	-0.100	0.178
3621	36.20	0.601	0.943	1.038	0.862	0.545	0.294	0.273	0.510	0.875	1.141
3631	36.30	1.107	0.707	0.052	-0.609	-1.013	-1.006	-0.620	-0.062	0.383	0.483
3641	36.40	0.165	-0.452	-1.122	-1.582	-1.677	-1.419	-0.979	-0.602	-0.493	-0.731
3651	36.50	-1.238	-1.817	-2.243	-2.350	-2.099	-1.581	-0.969	-0.451	-0.157	-0.120
3661	36.60	-0.279	-0.515	-0.704	-0.759	-0.652	-0.410	-0.090	0.252	0.577	0.870
3671	36.70	1.129	1.345	1.494	1.539	1.442	1.194	0.821	0.395	0.005	-0.265
3681	36.80	-0.374	-0.336	-0.212	-0.087	-0.034	-0.086	-0.231	-0.421	-0.603	-0.741
3691	36.90	-0.828	-0.878	-0.909	-0.926	-0.913	-0.851	-0.731	-0.575	-0.434	-0.362
3701	37.00	-0.389	-0.487	-0.579	-0.558	-0.343	0.077	0.621	1.137	1.457	1.475
3711	37.10	1.192	0.728	0.276	0.020	0.060	0.363	0.778	1.099	1.155	0.884
3721	37.20	0.366	-0.217	-0.651	-0.783	-0.577	-0.126	0.392	0.792	0.952	0.849
3731	37.30	0.547	0.153	-0.239	-0.585	-0.889	-1.174	-1.438	-1.638	-1.699	-1.558
3741	37.40	-1.217	-0.764	-0.359	-0.171	-0.288	-0.669	-1.133	-1.431	-1.350	-0.818
3751	37.50	0.043	0.956	1.590	1.702	1.243	0.384	-0.557	-1.245	-1.466	-1.208
3761	37.60	-0.650	-0.067	0.302	0.355	0.152	-0.133	-0.320	-0.317	-0.162	0.011
3771	37.70	0.061	-0.078	-0.350	-0.609	-0.697	-0.539	-0.191	0.184	0.400	0.346
3781	37.80	0.049	-0.328	-0.571	-0.521	-0.159	0.382	0.877	1.119	1.027	0.679
3791	37.90	0.281	0.059	0.157	0.563	1.120	1.602	1.821	1.707	1.326	0.840
3801	38.00	0.413	0.142	0.017	-0.050	-0.161	-0.363	-0.620	-0.833	-0.891	-0.746
3811	38.10	-0.442	-0.101	0.129	0.155	-0.021	-0.287	-0.478	-0.447	-0.135	0.390
3821	38.20	0.965	1.389	1.508	1.278	0.782	0.198	-0.276	-0.500	-0.443	-0.191
3831	38.30	0.093	0.242	0.158	-0.144	-0.544	-0.867	-0.956	-0.739	-0.268	0.308
3841	38.40	0.796	1.037	0.971	0.652	0.223	-0.151	-0.345	-0.326	-0.150	0.073
3851	38.50	0.234	0.271	0.186	0.028	-0.142	-0.282	-0.389	-0.481	-0.572	-0.646
3861	38.60	-0.657	-0.552	-0.305	0.058	0.452	0.765	0.903	0.831	0.589	0.273
3871	38.70	-0.010	-0.185	-0.236	-0.199	-0.129	-0.067	-0.019	0.035	0.111	0.193
3881	38.80	0.223	0.127	-0.143	-0.561	-1.009	-1.313	-1.303	-0.891	-0.125	0.819
3891	38.90	1.689	2.249	2.364	2.046	1.441	0.764	0.217	-0.077	-0.103	0.063
3901	39.00	0.307	0.523	0.650	0.676	0.622	0.516	0.379	0.223	0.059	-0.099
3911	39.10	-0.234	-0.340	-0.430	-0.542	-0.725	-1.008	-1.879	-1.774	-2.096	-2.245
3921	39.20	-2.173	-1.899	-1.513	-1.139	-0.883	-0.790	-0.830	-0.917	-0.956	-0.889
3931	39.30	-0.723	-0.522	-0.366	-0.307	-0.339	-0.394	-0.387	-0.257	-0.016	0.255
3941	39.40	0.431	0.412	0.175	-0.200	-0.550	-0.692	-0.497	0.054	0.858	1.725
3951	39.50	2.455	2.903	3.027	2.884	2.589	2.258	1.956	1.689	1.412	1.080
3961	39.60	0.681	0.251	-0.131	-0.384	-0.460	-0.362	-0.143	0.120	0.353	0.512
3971	39.70	0.583	0.572	0.486	0.329	0.104	-0.170	-0.442	-0.633	-0.661	-0.471
3981	39.80	-0.077	0.433	0.912	1.205	1.205	0.898	0.371	-0.218	-0.698	-0.949
3991	39.90	-0.944	-0.749	-0.493	-0.306	-0.266	-0.376	-0.563	-0.721	-0.760	-0.665

Table 7-20-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1212 S601-DA-1-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = -24.214 (GAL) T= 0.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.413	-0.157	0.017	0.031	-0.127	-0.404	-0.694	-0.891	-0.923	-0.782
4011	40.10	-0.531	-0.266	-0.092	-0.062	-0.168	-0.342	-0.490	-0.528	-0.425	-0.213
4021	40.20	0.026	0.199	0.244	0.160	0.001	-0.145	-0.198	-0.128	0.039	0.228
4031	40.30	0.358	0.376	0.280	0.119	-0.039	-0.139	-0.164	-0.142	-0.119	-0.130
4041	40.40	-0.177	-0.220	-0.202	-0.079	0.149	0.430	0.682	0.820	0.802	0.642
4051	40.50	0.402	0.169	0.008	-0.057	-0.051	-0.024	-0.023	-0.066	-0.134	-0.188
4061	40.60	-0.192	-0.143	-0.078	-0.057	-0.135	-0.330	-0.604	-0.871	-1.031	-1.008
4071	40.70	-0.786	-0.421	-0.022	0.289	0.422	0.353	0.132	-0.145	-0.370	-0.475
4081	40.80	-0.451	-0.348	-0.242	-0.199	-0.237	-0.321	-0.382	-0.360	-0.240	-0.072
4091	40.90	0.050	0.029	-0.179	-0.536	-0.927	-1.208	-1.270	-1.090	-0.750	-0.398
4101	41.00	-0.179	-0.163	-0.312	-0.498	-0.569	-0.431	-0.100	0.293	0.564	0.564
4111	41.10	0.258	-0.250	-0.762	-1.064	-1.030	-0.669	-0.120	0.413	0.757	0.834
4121	41.20	0.685	0.436	0.224	0.139	0.191	0.325	0.464	0.550	0.570	0.540
4131	41.30	0.485	0.406	0.283	0.096	-0.146	-0.390	-0.543	-0.522	-0.287	0.122
4141	41.40	0.603	1.031	1.319	1.450	1.476	1.480	1.521	1.591	1.620	1.513
4151	41.50	1.215	0.749	0.222	-0.221	-0.464	-0.475	-0.317	-0.116	0.010	0.007
4161	41.60	-0.092	-0.192	-0.196	-0.064	0.164	0.386	0.494	0.436	0.237	-0.010
4171	41.70	-0.205	-0.290	-0.280	-0.250	-0.284	-0.419	-0.611	-0.754	-0.729	-0.468
4181	41.80	0.005	0.579	1.101	1.443	1.548	1.448	1.232	0.996	0.801	0.653
4191	41.90	0.517	0.359	0.170	-0.020	-0.163	-0.221	-0.196	-0.128	-0.076	-0.080
4201	42.00	-0.137	-0.201	-0.205	-0.109	0.076	0.283	0.406	0.362	0.128	-0.241
4211	42.10	-0.629	-0.904	-0.972	-0.815	-0.498	-0.140	0.133	0.234	0.143	-0.095
4221	42.20	-0.392	-0.653	-0.804	-0.816	-0.703	-0.509	-0.292	-0.106	0.011	0.045
4231	42.30	0.003	-0.088	-0.189	-0.261	-0.274	-0.213	-0.085	0.081	0.242	0.352
4241	42.40	0.377	0.301	0.138	-0.075	-0.283	-0.434	-0.491	-0.449	-0.339	-0.218
4251	42.50	-0.155	-0.204	-0.382	-0.660	-0.966	-1.206	-1.296	-1.186	-0.880	-0.433
4261	42.60	0.062	0.505	0.817	0.956	0.925	0.761	0.519	0.255	0.011	-0.186
4271	42.70	-0.329	-0.419	-0.466	-0.477	-0.464	-0.433	-0.394	-0.356	-0.325	-0.305
4281	42.80	-0.296	-0.289	-0.267	-0.208	-0.094	0.087	0.330	0.603	0.859	1.037
4291	42.90	1.087	0.982	0.736	0.401	0.057	-0.216	-0.363	-0.373	-0.285	-0.172
4301	43.00	-0.111	-0.154	-0.306	-0.523	-0.730	-0.850	-0.839	-0.703	-0.495	-0.289
4311	43.10	-0.156	-0.119	-0.166	-0.243	-0.289	-0.270	-0.195	-0.110	-0.075	-0.123
4321	43.20	-0.237	-0.342	-0.335	-0.127	0.309	0.919	1.575	2.114	2.401	2.369
4331	43.30	2.043	1.525	0.947	0.431	0.048	-0.183	-0.286	-0.300	-0.258	-0.181
4341	43.40	-0.089	-0.008	0.024	-0.024	-0.159	-0.344	-0.497	-0.521	-0.343	0.041
4351	43.50	0.554	1.054	1.385	1.441	1.204	0.759	0.255	-0.154	-0.364	-0.360
4361	43.60	-0.211	-0.030	0.075	0.041	-0.132	-0.391	-0.665	-0.888	-1.020	-1.046
4371	43.70	-0.970	-0.805	-0.569	-0.291	-0.012	0.215	0.339	0.331	0.199	-0.010
4381	43.80	-0.225	-0.373	-0.414	-0.347	-0.212	-0.071	0.023	0.039	-0.018	-0.118
4391	43.90	-0.218	-0.284	-0.295	-0.253	-0.174	-0.090	-0.037	-0.052	-0.164	-0.382
4401	44.00	-0.684	-1.013	-1.288	-1.429	-1.383	-1.151	-0.791	-0.401	-0.080	0.107
4411	44.10	0.161	0.139	0.130	0.209	0.402	0.669	0.922	1.064	1.033	0.828
4421	44.20	0.510	0.173	-0.095	-0.245	-0.279	-0.236	-0.167	-0.103	-0.042	0.038
4431	44.30	0.160	0.321	0.486	0.594	0.591	0.457	0.222	-0.040	-0.243	-0.324
4441	44.40	-0.272	-0.133	0.014	0.094	0.071	-0.037	-0.169	-0.251	-0.242	-0.147
4451	44.50	-0.018	0.075	0.080	-0.005	-0.136	-0.242	-0.274	-0.224	-0.141	-0.096
4461	44.60	-0.144	-0.280	-0.430	-0.479	-0.330	0.041	0.557	1.058	1.363	1.356
4471	44.70	1.041	0.552	0.104	-0.102	0.038	0.484	1.068	1.570	1.813	1.735
4481	44.80	1.405	0.986	0.645	0.482	0.491	0.576	0.609	0.507	0.265	-0.039
4491	44.90	-0.298	-0.428	-0.417	-0.325	-0.245	-0.248	-0.343	-0.468	-0.529	-0.452

Table 7-20-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1212 S601-DA-1-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = -24.214 (GAL) T= 0.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.230	0.071	0.357	0.466	0.413	0.217	-0.027	-0.215	-0.286	-0.255
4511	45.10	-0.195	-0.194	-0.305	-0.512	-0.734	-0.865	-0.833	-0.636	-0.350	-0.093
4521	45.20	0.024	-0.044	-0.263	-0.534	-0.738	-0.790	-0.670	-0.424	-0.140	0.102
4531	45.30	0.254	0.318	0.325	0.314	0.303	0.282	0.226	0.113	-0.054	-0.243
4541	45.40	-0.411	-0.517	-0.551	-0.532	-0.497	-0.483	-0.504	-0.542	-0.562	-0.529
4551	45.50	-0.431	-0.288	-0.142	-0.038	-0.002	-0.026	-0.077	-0.113	-0.110	-0.069
4561	45.60	-0.022	-0.006	-0.048	-0.143	-0.258	-0.345	-0.367	-0.316	-0.218	-0.116
4571	45.70	-0.050	-0.035	-0.055	-0.072	-0.050	0.022	0.127	0.223	0.273	0.258
4581	45.80	0.198	0.137	0.120	0.171	0.274	0.379	0.428	0.384	0.248	0.066
4591	45.90	-0.096	-0.185	-0.180	-0.107	-0.020	0.027	0.009	-0.060	-0.137	-0.174
4601	46.00	-0.145	-0.066	0.017	0.050	0.003	-0.107	-0.225	-0.274	-0.190	0.046
4611	46.10	0.399	0.791	1.130	1.339	1.380	1.258	1.012	0.697	0.363	0.050
4621	46.20	-0.213	-0.410	-0.527	-0.560	-0.513	-0.406	-0.269	-0.135	-0.034	0.019
4631	46.30	0.022	-0.009	-0.057	-0.102	-0.130	-0.132	-0.103	-0.043	0.040	0.130
4641	46.40	0.201	0.223	0.175	0.054	-0.118	-0.299	-0.439	-0.498	-0.462	-0.347
4651	46.50	-0.191	-0.037	0.078	0.138	0.143	0.102	0.026	-0.076	-0.197	-0.321
4661	46.60	-0.424	-0.478	-0.463	-0.377	-0.251	-0.131	-0.071	-0.102	-0.217	-0.375
4671	46.70	-0.515	-0.582	-0.551	-0.438	-0.286	-0.147	-0.059	-0.028	-0.038	-0.063
4681	46.80	-0.081	-0.089	-0.097	-0.112	-0.131	-0.134	-0.094	0.009	0.174	0.376
4691	46.90	0.571	0.723	0.809	0.830	0.801	0.736	0.639	0.504	0.329	0.127
4701	47.00	-0.069	-0.211	-0.264	-0.225	-0.133	-0.059	-0.067	-0.184	-0.380	-0.579
4711	47.10	-0.695	-0.677	-0.534	-0.334	-0.163	-0.078	-0.072	-0.071	0.017	0.250
4721	47.20	0.604	0.970	1.197	1.169	0.868	0.398	-0.049	-0.281	-0.189	0.196
4731	47.30	0.712	1.144	1.314	1.164	0.777	0.332	0.017	-0.053	0.115	0.407
4741	47.40	0.664	0.760	0.659	0.417	0.147	-0.044	-0.099	-0.035	0.084	0.187
4751	47.50	0.234	0.234	0.228	0.261	0.354	0.492	0.632	0.728	0.749	0.689
4761	47.60	0.559	0.372	0.140	-0.127	-0.409	-0.666	-0.842	-0.884	-0.769	-0.523
4771	47.70	-0.227	0.019	0.127	0.067	-0.123	-0.351	-0.515	-0.550	-0.459	-0.308
4781	47.80	-0.192	-0.187	-0.312	-0.517	-0.710	-0.797	-0.733	-0.535	-0.280	-0.060
4791	47.90	0.050	0.031	-0.084	-0.233	-0.355	-0.420	-0.440	-0.451	-0.491	-0.571
4801	48.00	-0.669	-0.740	-0.738	-0.642	-0.471	-0.278	-0.127	-0.068	-0.112	-0.227
4811	48.10	-0.349	-0.413	-0.374	-0.231	-0.024	0.176	0.301	0.308	0.198	0.017
4821	48.20	-0.160	-0.261	-0.240	-0.099	0.115	0.327	0.461	0.473	0.366	0.185
4831	48.30	-0.001	-0.132	-0.178	-0.154	-0.108	-0.095	-0.147	-0.258	-0.380	-0.448
4841	48.40	-0.412	-0.261	-0.034	0.199	0.365	0.425	0.388	0.310	0.263	0.301
4851	48.50	0.430	0.606	0.750	0.790	0.689	0.465	0.178	-0.098	-0.308	-0.438
4861	48.60	-0.509	-0.561	-0.619	-0.675	-0.695	-0.637	-0.486	-0.267	-0.047	0.099
4871	48.70	0.120	0.019	-0.145	-0.285	-0.332	-0.264	-0.124	0.007	0.052	-0.016
4881	48.80	-0.157	-0.280	-0.290	-0.137	0.152	0.485	0.747	0.854	0.796	0.638
4891	48.90	0.485	0.425	0.480	0.597	0.678	0.631	0.433	0.141	-0.128	-0.254
4901	49.00	-0.178	0.063	0.355	0.554	0.558	0.361	0.050	-0.233	-0.359	-0.276
4911	49.10	-0.030	0.259	0.460	0.489	0.354	0.140	-0.030	-0.058	0.079	0.323
4921	49.20	0.562	0.685	0.630	0.413	0.115	-0.154	-0.300	-0.287	-0.142	0.062
4931	49.30	0.235	0.308	0.258	0.107	-0.088	-0.260	-0.359	-0.366	-0.301	-0.216
4941	49.40	-0.172	-0.220	-0.379	-0.626	-0.900	-1.119	-1.210	-1.134	-0.897	-0.553
4951	49.50	-0.180	0.144	0.368	0.473	0.474	0.398	0.278	0.139	0.003	-0.106
4961	49.60	-0.157	-0.124	0.003	0.196	0.390	0.499	0.450	0.222	-0.132	-0.495
4971	49.70	-0.729	-0.733	-0.493	-0.094	0.306	0.544	0.522	0.248	-0.167	-0.560
4981	49.80	-0.785	-0.778	-0.576	-0.293	-0.061	0.034	-0.015	-0.144	-0.262	-0.300
4991	49.90	-0.248	-0.152	-0.080	-0.078	-0.139	-0.208	-0.218	-0.132	0.026	0.179

Table 7-20-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1212 S601-DA-1-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = -24.214 (GAL) T= 0.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.234	0.141	-0.077	-0.325	-0.475	-0.433	-0.191	0.165	0.487	0.639
5011	50.10	0.563	0.307	0.009	-0.176	-0.121	0.162	0.578	0.971	1.205	1.221
5021	50.20	1.064	0.852	0.711	0.717	0.855	1.033	1.133	1.067	0.820	0.456
5031	50.30	0.087	-0.182	-0.297	-0.266	-0.150	-0.028	0.044	0.046	-0.004	-0.076
5041	50.40	-0.140	-0.187	-0.219	-0.243	-0.258	-0.255	-0.225	-0.170	-0.110	-0.074
5051	50.50	-0.082	-0.133	-0.200	-0.237	-0.209	-0.109	0.030	0.150	0.195	0.140
5061	50.60	0.005	-0.148	-0.254	-0.269	-0.200	-0.095	-0.024	-0.037	-0.139	-0.288
5071	50.70	-0.418	-0.471	-0.430	-0.324	-0.214	-0.157	-0.184	-0.281	-0.408	-0.520
5081	50.80	-0.596	-0.644	-0.687	-0.742	-0.796	-0.806	-0.726	-0.533	-0.261	0.008
5091	50.90	0.171	0.152	-0.054	-0.368	-0.653	-0.770	-0.639	-0.278	0.209	0.669
5101	51.00	0.971	1.051	0.939	0.729	0.538	0.447	0.474	0.574	0.671	0.691
5111	51.10	0.598	0.401	0.142	-0.122	-0.338	-0.463	-0.466	-0.330	-0.057	0.319
5121	51.20	0.730	1.075	1.255	1.205	0.930	0.511	0.079	-0.233	-0.352	-0.289
5131	51.30	-0.141	-0.033	-0.063	-0.246	-0.508	-0.724	-0.782	-0.644	-0.369	-0.087
5141	51.40	0.069	0.026	-0.180	-0.439	-0.608	-0.594	-0.397	-0.118	0.101	0.149
5151	51.50	0.005	-0.255	-0.483	-0.547	-0.398	-0.091	0.235	0.433	0.413	0.192
5161	51.60	-0.120	-0.378	-0.474	-0.386	-0.182	0.021	0.126	0.102	0.001	-0.078
5171	51.70	-0.049	0.110	0.343	0.544	0.615	0.517	0.301	0.078	-0.031	0.042
5181	51.80	0.272	0.556	0.756	0.768	0.566	0.216	-0.159	-0.433	-0.531	-0.458
5191	51.90	-0.284	-0.105	0.002	0.011	-0.053	-0.134	-0.183	-0.177	-0.132	-0.081
5201	52.00	-0.057	-0.068	-0.101	-0.128	-0.130	-0.108	-0.086	-0.092	-0.146	-0.239
5211	52.10	-0.339	-0.400	-0.392	-0.310	-0.184	-0.064	0.002	-0.006	-0.075	-0.160
5221	52.20	-0.208	-0.183	-0.081	0.063	0.193	0.255	0.219	0.092	-0.081	-0.233
5231	52.30	-0.301	-0.244	-0.054	0.238	0.577	0.896	1.133	1.248	1.227	1.086
5241	52.40	0.867	0.620	0.396	0.229	0.129	0.081	0.053	0.014	-0.050	-0.130
5251	52.50	-0.191	-0.196	-0.117	0.041	0.237	0.409	0.494	0.456	0.303	0.080
5261	52.60	-0.144	-0.316	-0.410	-0.445	-0.463	-0.506	-0.591	-0.696	-0.774	-0.779
5271	52.70	-0.692	-0.540	-0.382	-0.283	-0.279	-0.353	-0.445	-0.479	-0.406	-0.234
5281	52.80	-0.029	0.116	0.126	-0.006	-0.211	-0.367	-0.357	-0.128	0.272	0.706
5291	52.90	1.001	1.026	0.749	0.257	-0.273	-0.647	-0.734	-0.520	-0.105	0.334
5301	53.00	0.621	0.647	0.407	-0.005	-0.442	-0.759	-0.865	-0.742	-0.439	-0.044
5311	53.10	0.347	0.659	0.845	0.888	0.799	0.605	0.351	0.095	-0.107	-0.207
5321	53.20	-0.185	-0.055	0.139	0.335	0.474	0.522	0.477	0.368	0.235	0.119
5331	53.30	0.041	0.002	-0.014	-0.028	-0.053	-0.095	-0.149	-0.203	-0.249	-0.282
5341	53.40	-0.300	-0.306	-0.301	-0.287	-0.263	-0.231	-0.192	-0.148	-0.101	-0.056
5351	53.50	-0.019	0.002	-0.001	-0.032	-0.089	-0.164	-0.240	-0.301	-0.336	-0.346
5361	53.60	-0.341	-0.331	-0.324	-0.313	-0.280	-0.207	-0.084	0.079	0.248	0.381
5371	53.70	0.437	0.402	0.288	0.134	0.011	-0.109	-0.147	-0.134	-0.096	-0.060
5381	53.80	-0.041	-0.039	-0.047	-0.057	-0.067	-0.082	-0.103	-0.121	-0.117	-0.074
5391	53.90	0.013	0.125	0.218	0.241	0.165	-0.001	-0.199	-0.347	-0.376	-0.262
5401	54.00	-0.046	0.179	0.310	0.283	0.107	-0.135	-0.325	-0.361	-0.212	0.069
5411	54.10	0.366	0.544	0.532	0.332	0.032	-0.247	-0.399	-0.386	-0.246	-0.064
5421	54.20	0.074	0.125	0.107	0.081	0.108	0.211	0.358	0.477	0.497	0.386
5431	54.30	0.179	-0.044	-0.191	-0.207	-0.099	0.065	0.196	0.228	0.152	0.025
5441	54.40	-0.066	-0.046	0.107	0.344	0.573	0.697	0.660	0.477	0.220	-0.013
5451	54.50	-0.144	-0.148	-0.059	0.059	0.106	0.068	-0.052	-0.198	-0.304	-0.319
5461	54.60	-0.236	-0.092	0.069	0.124	0.098	-0.018	-0.180	-0.318	-0.375	-0.320
5471	54.70	-0.167	0.035	0.220	0.328	0.330	0.238	0.096	-0.033	-0.098	-0.079
5481	54.80	0.005	0.108	0.176	0.177	0.116	0.029	-0.029	-0.030	0.056	0.159
5491	54.90	0.223	0.191	0.048	-0.167	-0.372	-0.478	-0.428	-0.235	0.028	0.255

Table 7-20-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1212 S601-DA-1-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = -24.214 (GAL) T= 0.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.353	0.289	0.104	-0.110	-0.250	-0.258	-0.147	0.005	0.097	0.059
5511	55.10	-0.111	-0.338	-0.511	-0.533	-0.376	-0.101	0.171	0.311	0.250	0.012
5521	55.20	-0.291	-0.512	-0.537	-0.339	0.006	0.358	0.574	0.578	0.390	0.113
5531	55.30	-0.123	-0.227	-0.189	-0.084	-0.023	-0.087	-0.280	-0.513	-0.644	-0.548
5541	55.40	-0.182	0.380	0.972	1.399	1.520	1.305	0.844	0.308	-0.128	-0.353
5551	55.50	-0.353	-0.207	-0.035	0.065	0.052	-0.045	-0.156	-0.217	-0.197	-0.119
5561	55.60	-0.036	0.002	-0.026	-0.101	-0.174	-0.200	-0.162	-0.081	-0.007	0.010
5571	55.70	-0.055	-0.187	-0.337	-0.444	-0.461	-0.376	-0.215	-0.030	0.190	0.190
5581	55.80	0.162	0.049	-0.113	-0.277	-0.396	-0.435	-0.387	-0.268	-0.121	0.002
5591	55.90	0.055	0.019	-0.089	-0.221	-0.319	-0.344	-0.294	-0.211	-0.159	-0.191
5601	56.00	-0.315	-0.478	-0.587	-0.547	-0.309	0.096	0.561	0.943	1.116	1.027
5611	56.10	0.718	0.305	-0.073	-0.306	-0.361	-0.279	-0.145	-0.044	-0.020	-0.064
5621	56.20	-0.131	-0.173	-0.170	-0.142	-0.130	-0.170	-0.264	-0.378	-0.453	-0.439
5631	56.30	-0.325	-0.143	0.043	0.167	0.195	0.132	0.021	-0.090	-0.167	-0.207
5641	56.40	-0.231	-0.259	-0.298	-0.327	-0.314	-0.241	-0.115	0.019	0.103	0.096
5651	56.50	0.000	-0.135	-0.234	-0.234	-0.123	0.051	0.198	0.235	0.136	-0.042
5661	56.60	-0.178	-0.134	0.167	0.700	1.326	1.844	2.067	1.903	1.401	0.735
5671	56.70	0.133	-0.208	-0.205	0.091	0.514	0.869	1.002	0.866	0.528	0.124
5681	56.80	-0.200	-0.354	-0.329	-0.192	-0.045	0.042	0.026	-0.064	-0.169	-0.232
5691	56.90	-0.225	-0.159	-0.074	-0.016	-0.010	-0.057	-0.134	-0.212	-0.268	-0.298
5701	57.00	-0.308	-0.309	-0.305	-0.290	-0.254	-0.192	-0.113	-0.039	-0.001	-0.019
5711	57.10	-0.101	-0.230	-0.373	-0.493	-0.559	-0.560	-0.501	-0.405	-0.298	-0.203
5721	57.20	-0.131	-0.080	-0.033	0.027	0.113	0.226	0.348	0.447	0.487	0.446
5731	57.30	0.326	0.159	0.001	-0.096	-0.099	-0.014	0.112	0.213	0.235	0.158
5741	57.40	0.015	-0.131	-0.209	-0.182	-0.066	0.078	0.175	0.172	0.072	-0.065
5751	57.50	-0.149	-0.108	0.074	0.342	0.593	0.717	0.655	0.424	0.110	-0.163
5761	57.60	-0.295	-0.247	-0.055	0.192	0.388	0.462	0.395	0.217	-0.008	-0.219
5771	57.70	-0.375	-0.460	-0.478	-0.438	-0.353	-0.241	-0.129	-0.055	-0.058	-0.158
5781	57.80	-0.342	-0.562	-0.747	-0.830	-0.780	-0.615	-0.394	-0.190	-0.059	-0.014
5791	57.90	-0.028	-0.051	-0.042	0.012	0.087	0.141	0.139	0.074	-0.026	-0.118
5801	58.00	-0.159	-0.135	-0.061	0.030	0.106	0.152	0.178	0.208	0.260	0.334
5811	58.10	0.409	0.453	0.440	0.365	0.242	0.098	-0.039	-0.151	-0.228	-0.260
5821	58.20	-0.232	-0.127	0.063	0.323	0.601	0.821	0.907	0.817	0.569	0.237
5831	58.30	-0.071	-0.261	-0.294	-0.195	-0.044	0.068	0.086	0.011	-0.104	-0.185
5841	58.40	-0.185	-0.109	-0.006	0.057	0.037	-0.054	-0.158	-0.204	-0.152	-0.023
5851	58.50	0.102	0.125	-0.017	-0.307	-0.648	-0.900	-0.950	-0.768	-0.429	-0.085
5861	58.60	0.105	0.052	-0.222	-0.594	-0.893	-0.984	-0.829	-0.502	-0.149	0.080
5871	58.70	0.106	-0.051	-0.285	-0.465	-0.499	-0.381	-0.183	-0.013	0.044	-0.024
5881	58.80	-0.154	-0.243	-0.204	-0.018	0.253	0.497	0.607	0.538	0.331	0.094
5891	58.90	-0.047	-0.016	0.180	0.452	0.671	0.735	0.617	0.377	0.129	-0.010
5901	59.00	0.015	0.179	0.383	0.507	0.472	0.274	-0.009	-0.258	-0.362	-0.275
5911	59.10	-0.032	0.267	0.501	0.584	0.493	0.279	0.034	-0.151	-0.219	-0.169
5921	59.20	-0.047	0.064	0.171	0.192	0.158	0.099	0.042	0.002	-0.028	-0.061
5931	59.30	-0.105	-0.151	-0.172	-0.137	-0.026	0.153	0.362	0.539	0.624	0.582
5941	59.40	0.419	0.188	-0.032	-0.161	-0.149	0.004	0.246	0.492	0.656	0.685
5951	59.50	0.580	0.392	0.205	0.096	0.105	0.220	0.382	0.511	0.542	0.451
5961	59.60	0.263	0.038	-0.153	-0.262	-0.280	-0.230	-0.154	-0.092	-0.061	-0.055
5971	59.70	-0.057	-0.055	-0.050	-0.058	-0.097	-0.174	-0.271	-0.353	-0.384	-0.344
5981	59.80	-0.244	-0.123	-0.034	-0.014	-0.073	-0.185	-0.302	-0.378	-0.389	-0.338
5991	59.90	-0.255	-0.175	-0.121	-0.096	-0.086	-0.077	-0.068	-0.075	-0.121	-0.224

Table 7-20-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1212 S601-DA-1-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = -24.214 (GAL) T= 0.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.374	-0.532	-0.644	-0.661	-0.566	-0.387	-0.186	-0.036	0.013	-0.044
6011	60.10	-0.165	-0.273	-0.298	-0.198	0.014	0.281	0.523	0.667	0.675	0.556
6021	60.20	0.355	0.135	-0.048	-0.162	-0.207	-0.205	-0.184	-0.167	-0.162	-0.159
6031	60.30	-0.144	-0.102	-0.036	0.037	0.089	0.095	0.041	-0.061	-0.178	-0.269
6041	60.40	-0.301	-0.264	-0.181	-0.098	-0.061	-0.095	-0.189	-0.293	-0.365	-0.298
6051	60.50	-0.149	0.057	0.238	0.322	0.279	0.144	0.006	-0.037	0.076	0.327
6061	60.60	0.617	0.809	0.792	0.536	0.122	-0.292	-0.535	-0.505	-0.222	0.178
6071	60.70	0.500	0.582	0.365	-0.070	-0.542	-0.854	-0.877	-0.612	-0.182	0.232
6081	60.80	0.475	0.491	0.337	0.148	0.054	0.117	0.298	0.483	0.551	0.443
6091	60.90	0.195	-0.076	-0.238	-0.210	-0.012	0.248	0.423	0.410	0.201	-0.108
6101	61.00	-0.365	-0.437	-0.276	0.056	0.416	0.647	0.652	0.434	0.087	-0.253
6111	61.10	-0.477	-0.547	-0.501	-0.425	-0.399	-0.453	-0.559	-0.651	-0.667	-0.585
6121	61.20	-0.433	-0.276	-0.173	-0.155	-0.203	-0.269	-0.302	-0.279	-0.215	-0.151
6131	61.30	-0.132	-0.176	-0.271	-0.379	-0.457	-0.482	-0.457	-0.406	-0.355	-0.318
6141	61.40	-0.290	-0.259	-0.219	-0.176	-0.155	-0.177	-0.244	-0.329	-0.382	-0.350
6151	61.50	-0.204	0.043	0.344	0.627	0.835	0.939	0.948	0.897	0.821	0.746
6161	61.60	0.675	0.606	0.560	0.496	0.496	0.556	0.662	0.767	0.808	0.739
6171	61.70	0.555	0.309	0.091	-0.008	0.056	0.256	0.498	0.670	0.687	0.537
6181	61.80	0.283	0.032	-0.121	-0.140	-0.060	0.034	0.065	0.008	-0.092	-0.142
6191	61.90	-0.055	0.188	0.518	0.799	0.890	0.718	0.319	-0.169	-0.566	-0.734
6201	62.00	-0.637	-0.358	-0.054	0.123	0.100	-0.085	-0.308	-0.429	-0.368	-0.150
6211	62.10	0.110	0.267	0.223	-0.021	-0.359	-0.639	-0.738	-0.624	-0.372	-0.121
6221	62.20	-0.000	-0.055	-0.226	-0.374	-0.359	-0.115	0.305	0.744	1.017	0.991
6231	62.30	0.656	0.127	-0.401	-0.767	-0.818	-0.641	-0.348	-0.099	-0.010	-0.100
6241	62.40	-0.296	-0.473	-0.528	-0.421	-0.199	0.043	0.204	0.233	0.145	0.003
6251	62.50	-0.119	-0.173	-0.163	-0.125	-0.106	-0.125	-0.164	-0.177	-0.119	0.021
6261	62.60	0.208	0.374	0.451	0.402	0.241	0.029	-0.156	-0.252	-0.244	-0.162
6271	62.70	-0.064	-0.004	-0.008	-0.062	-0.129	-0.171	-0.165	-0.122	-0.068	-0.036
6281	62.80	-0.042	-0.077	-0.119	-0.141	-0.132	-0.098	-0.062	-0.045	-0.057	-0.091
6291	62.90	-0.125	-0.136	-0.114	-0.062	0.002	0.060	0.102	0.128	0.149	0.172
6301	63.00	0.199	0.217	0.213	0.174						

Table 7-21-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1213 S601-DA-1-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = -46.168 (GAL) T= 13.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.714	0.165	0.982	1.506	1.626	1.383	0.946	0.540	0.356	0.492
11	0.10	0.923	1.514	2.062	2.344	2.180	1.483	0.304	-1.149	-2.540	-3.482
21	0.20	-3.662	-2.968	-1.565	0.121	1.543	2.237	2.019	1.085	-0.051	-0.773
31	0.30	-0.633	0.423	2.005	3.418	3.961	3.235	1.336	-1.165	-3.448	-4.768
41	0.40	-4.751	-3.515	-1.589	0.331	1.661	2.132	1.824	1.063	0.233	-0.386
51	0.50	-0.690	-0.724	-0.596	-0.401	-0.185	0.029	0.208	0.293	0.234	0.037
61	0.60	-0.205	-0.335	-0.220	0.160	0.656	0.997	0.920	0.322	-0.650	-1.628
71	0.70	-2.183	-2.033	-1.196	0.003	1.079	1.534	1.563	1.115	0.763	0.951
81	0.80	1.828	3.131	4.277	4.621	3.774	1.800	-0.786	-3.241	-4.905	-5.470
91	0.90	-5.061	-4.112	-3.103	-2.311	-1.698	-0.990	0.102	1.657	3.436	4.952
101	1.00	5.704	5.419	4.209	2.526	0.963	-0.027	-0.328	-0.195	-0.098	-0.466
111	1.10	-1.448	-2.825	-4.095	-4.704	-4.297	-2.883	-0.838	1.252	2.824	3.539
121	1.20	3.382	2.629	1.697	0.976	0.689	0.834	1.219	1.549	1.537	1.002
131	1.30	-0.070	-1.505	-2.974	-4.070	-4.425	-3.839	-2.376	-0.393	1.546	2.848
141	1.40	3.108	2.290	0.776	-0.750	-1.561	-1.192	0.341	2.509	4.665	5.294
151	1.50	4.561	2.342	-0.691	-3.537	-5.257	-5.345	-3.914	-1.640	0.531	1.770
161	1.60	1.690	0.468	-1.255	-2.675	-3.152	-2.460	-0.844	1.112	2.734	3.512
171	1.70	3.255	2.116	0.478	-1.205	-2.556	-3.356	-3.568	-3.187	-2.389	-1.290
181	1.80	-0.045	1.171	2.166	2.760	2.830	2.364	1.477	0.391	-0.622	-1.323
191	1.90	-1.580	-1.400	-0.923	-0.364	0.074	0.268	0.226	0.069	-0.023	0.093
201	2.00	0.449	0.932	1.324	1.402	1.063	0.399	-0.302	-0.678	-0.457	0.381
211	2.10	1.543	2.515	2.778	2.054	0.475	-1.431	-2.943	-3.466	-2.806	-1.278
221	2.20	0.429	1.565	1.682	0.845	-0.401	-1.315	-1.340	-0.407	1.019	2.161
231	2.30	2.340	1.336	-0.463	-2.232	-3.109	-2.634	-0.998	1.025	2.451	2.566
241	2.40	1.288	-0.781	-2.644	-3.392	-2.647	-0.753	1.394	2.771	2.711	1.210
251	2.50	-1.096	-3.242	-4.393	-4.204	-2.928	-1.237	0.150	0.811	0.793	0.515
261	2.60	0.491	1.011	1.962	2.871	3.155	2.434	0.755	-1.391	-3.275	-4.245
271	2.70	-4.023	-2.820	-1.235	0.029	0.479	0.053	-0.869	-1.658	-1.741	-0.879
281	2.80	0.706	2.426	3.583	3.687	2.678	0.953	-0.814	-1.975	-2.202	-1.623
291	2.90	-0.740	-0.166	-0.306	-1.138	-2.201	-2.809	-2.385	-0.760	1.715	4.301
301	3.00	6.182	6.818	6.150	4.589	2.773	1.250	0.227	-0.462	-1.189	-2.243
311	3.10	-3.600	-4.871	-5.478	-4.955	-3.213	-0.638	2.054	4.119	5.087	4.921
321	3.20	3.963	2.697	1.501	0.501	-0.380	-1.238	-2.004	-2.394	-2.050	-0.803
331	3.30	1.100	2.975	3.935	3.309	1.019	-2.273	-5.377	-7.070	-6.649	-4.269
341	3.40	-0.899	2.118	3.674	3.402	1.808	-0.021	-0.982	-0.521	1.089	2.902
351	3.50	3.789	3.020	0.648	-2.492	-5.168	-6.312	-5.489	-3.059	0.022	2.648
361	3.60	4.021	3.921	2.679	0.935	-0.685	-1.792	-2.273	-2.194	-1.644	-0.666
371	3.70	0.706	2.333	3.892	4.918	4.971	3.864	1.811	-0.605	-2.648	-3.744
381	3.80	-3.736	-2.942	-1.978	-1.436	-1.573	-2.173	-2.667	-2.433	-1.145	1.023
391	3.90	3.437	5.283	5.935	5.240	3.590	1.726	0.398	0.025	0.534	1.428
401	4.00	2.054	1.936	0.998	-0.402	-1.650	-2.172	-1.698	-0.394	1.213	2.460
411	4.10	2.824	2.129	0.602	-1.241	-2.816	-3.707	-3.806	-3.321	-2.642	-2.135
421	4.20	-1.972	-2.048	-2.053	-1.641	-0.640	0.823	2.328	3.328	3.393	2.434
431	4.30	0.785	-0.906	-1.956	-1.954	-0.979	0.405	1.389	1.288	-0.109	-2.396
441	4.40	-4.682	-5.970	-5.592	-3.532	-0.451	2.585	4.562	4.950	3.908	2.166
451	4.50	0.649	0.026	0.390	1.247	1.783	1.301	-0.404	-2.900	-5.290	-6.599
461	4.60	-6.204	-4.101	-0.907	2.413	4.932	6.099	5.884	4.695	3.131	1.720
471	4.70	0.745	0.238	0.078	0.137	0.360	0.754	1.302	1.886	2.274	2.197
481	4.80	1.484	0.171	-1.483	-3.090	-4.295	-4.930	-5.059	-4.912	-4.722	-4.565
491	4.90	-4.297	-3.625	-2.291	-0.262	2.163	4.408	5.831	5.983	4.815	2.723

Table 7-21-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1213 S601-DA-1-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = -46.168 (GAL) T= 13.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.404	-1.407	-2.210	-1.895	-0.739	0.763	2.110	2.970	3.232	2.944
511	5.10	2.194	1.032	-0.516	-2.359	-4.230	-5.666	-6.113	-5.153	-2.738	0.676
521	5.20	4.213	6.846	7.781	6.772	4.222	1.030	-1.778	-3.446	-3.752	-3.023
531	5.30	-1.903	-1.015	-0.666	-0.755	-0.900	-0.705	-0.014	0.984	1.857	2.160
541	5.40	1.675	0.527	-0.890	-2.122	-2.868	-3.097	-2.982	-2.731	-2.403	-1.857
551	5.50	-0.854	0.720	2.667	4.449	5.375	4.929	3.077	0.580	-2.182	-3.611
561	5.60	-3.334	-1.476	1.183	3.557	4.743	4.426	2.981	1.256	0.128	0.073
571	5.70	0.951	2.124	2.819	2.550	1.374	-0.140	-1.218	-1.293	-0.309	1.236
581	5.80	2.528	2.830	1.838	-0.177	-2.493	-4.268	-4.907	-4.296	-2.809	-1.116
591	5.90	0.116	0.482	-0.047	-1.169	-2.415	-3.336	-3.641	-3.255	-2.303	-1.048
601	6.00	0.173	1.022	1.229	0.668	-0.590	-2.258	-3.893	-5.015	-5.267	-4.548
611	6.10	-3.049	-1.194	0.517	1.687	2.148	1.988	1.482	0.960	0.680	0.756
621	6.20	1.156	1.747	2.360	2.832	3.031	2.877	2.356	1.552	0.656	-0.062
631	6.30	-0.335	-0.009	0.855	1.968	2.894	3.221	2.743	1.566	0.073	-1.241
641	6.40	-1.997	-2.105	-1.795	-1.485	-1.541	-2.062	-2.803	-3.286	-3.062	-1.980
651	6.50	-0.329	1.240	1.994	1.478	-0.219	-2.447	-4.231	-4.689	-3.433	-0.780
661	6.60	2.352	4.810	5.685	4.692	2.291	-0.522	-2.638	-3.303	-2.418	-0.545
671	6.70	1.370	2.438	2.218	0.909	-0.763	-1.878	-1.753	-0.262	2.084	4.332
681	6.80	5.479	4.886	2.552	-0.866	-4.298	-6.663	-7.271	-6.065	-3.619	-0.882
691	6.90	1.193	2.019	1.568	0.340	-0.882	-1.382	-0.813	0.664	2.457	3.807
701	7.00	4.110	3.166	1.264	-0.945	-2.719	-3.523	-3.227	-2.127	-0.789	0.219
711	7.10	0.578	0.343	-0.108	-0.266	0.245	1.476	3.099	4.531	5.173	4.664
721	7.20	3.044	0.757	-1.515	-3.097	-3.567	-2.887	-1.394	0.351	1.783	2.521
731	7.30	2.474	1.826	0.928	0.143	-0.278	-0.267	0.074	0.534	0.878	0.927
741	7.40	0.607	-0.041	-0.870	-1.663	-2.189	-2.263	-1.802	-0.876	0.302	1.417
751	7.50	2.149	2.286	1.813	0.933	0.011	-0.564	-0.525	0.146	1.195	2.179
761	7.60	2.637	2.280	1.126	-0.482	-1.985	-2.820	-2.642	-1.485	0.229	1.816
771	7.70	2.582	2.080	0.298	-2.316	-4.994	-6.916	-7.504	-6.620	-4.608	-2.142
781	7.80	0.046	1.450	1.969	1.898	1.747	1.957	2.655	3.567	4.141	3.819
791	7.90	2.359	0.022	-2.460	-4.152	-4.314	-2.747	0.070	3.131	5.291	5.731
801	8.00	4.295	1.559	-1.412	-3.496	-3.955	-2.699	-0.263	2.459	4.596	5.617
811	8.10	5.458	4.428	2.980	1.675	0.062	-1.283	-2.623	-3.906	-4.919	-5.357
821	8.20	-4.981	-3.768	-1.956	0.033	1.767	2.972	3.620	3.875	3.959	3.995
831	8.30	3.931	3.581	2.748	1.375	-0.374	-2.151	-3.547	-4.238	-4.099	-3.209
841	8.40	-1.792	-0.111	1.595	3.132	4.330	5.021	5.067	4.434	3.262	1.869
851	8.50	0.668	-0.020	-0.139	0.015	-0.107	-1.056	-3.065	-5.823	-8.473	-9.875
861	8.60	-9.049	-5.621	-0.085	6.269	11.730	14.726	14.351	10.663	4.648	-2.106
871	8.70	-7.908	-11.444	-12.093	-10.014	-6.007	-1.249	3.024	5.797	6.479	5.000
881	8.80	1.798	-2.291	-6.248	-9.119	-10.248	-9.415	-6.842	-3.066	1.250	5.481
891	8.90	9.111	11.696	12.786	11.901	8.648	2.960	-4.635	-12.889	-19.998	-24.081
901	9.00	-23.829	-19.088	-11.077	-2.084	5.297	9.118	8.837	5.528	1.425	-1.033
911	9.10	-0.278	3.678	9.191	13.661	14.629	10.851	2.873	-7.123	-16.139	-21.488
921	9.20	-21.767	-17.276	-9.773	-1.699	4.765	8.412	9.252	8.243	6.696	5.650
931	9.30	5.469	5.794	5.829	4.788	2.328	-1.215	-4.847	-7.188	-6.915	-3.258
941	9.40	3.613	12.438	21.057	26.943	27.986	23.271	13.562	1.255	-10.292	-17.855
951	9.50	-19.502	-15.320	-7.398	0.991	6.698	7.945	4.973	-0.214	-4.893	-6.966
961	9.60	-5.971	-3.273	-1.323	-2.343	-7.071	-14.201	-20.816	-23.626	-20.488	-11.433
971	9.70	1.226	13.793	22.669	25.738	23.050	16.531	8.927	2.519	-1.784	-4.563
981	9.80	-7.245	-11.064	-16.178	-21.388	-24.591	-23.758	-17.945	-7.897	4.063	14.809
991	9.90	21.528	22.731	18.771	11.679	4.399	-0.283	-0.712	3.083	9.453	15.774

Table 7-21-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1213 S601-DA-1-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = -46.168 (GAL) T= 13.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	19.428	18.779	13.778	5.971	-2.102	-7.889	-9.826	-7.936	-3.783	0.208
1011	10.10	1.779	-0.211	-5.338	-11.849	-17.459	-20.366	-19.881	-16.785	-12.681	-9.285
1021	10.20	-7.657	-7.868	-9.059	-10.170	-10.302	-9.116	-6.741	-3.449	0.651	5.657
1031	10.30	11.606	18.077	23.961	27.661	27.707	23.531	15.983	7.241	0.050	-3.409
1041	10.40	-2.515	1.448	5.807	7.671	5.255	-1.287	-9.874	-17.385	-20.971	-19.224
1051	10.50	-12.664	-3.406	5.797	12.654	16.067	16.250	14.276	11.357	8.256	5.081
1061	10.60	1.493	-2.868	-7.993	-13.356	-18.068	-21.199	-22.108	-20.641	-17.132	-12.268
1071	10.70	-6.894	-1.842	2.220	4.893	6.119	6.191	5.650	5.079	4.857	4.983
1081	10.80	5.107	4.781	3.844	2.723	2.425	4.153	8.638	15.518	23.099	28.740
1091	10.90	29.790	24.730	14.006	0.125	-13.116	-22.002	-24.311	-20.162	-11.905	-3.100
1101	11.00	2.972	4.621	2.305	-1.784	-4.876	-4.982	-1.820	3.105	7.269	8.377
1111	11.10	5.498	-0.430	-6.966	-11.209	-11.074	-6.223	1.745	9.913	15.199	15.552
1121	11.20	10.698	2.164	-7.390	-15.206	-19.394	-19.438	-16.101	-10.857	-5.145	0.169
1131	11.30	4.927	9.401	13.800	17.873	20.828	21.630	19.509	14.435	7.287	-0.363
1141	11.40	-6.774	-10.610	-11.314	-9.147	-4.918	0.411	6.018	11.290	15.702	18.635
1151	11.50	19.357	17.227	12.064	4.463	-4.158	-11.906	-17.043	-18.658	-17.043	-13.587
1161	11.60	-10.200	-8.526	-9.293	-12.095	-15.685	-18.611	-19.880	-19.326	-17.541	-15.448
1171	11.70	-13.761	-12.624	-11.601	-9.971	-7.164	-3.084	1.830	6.800	11.026	13.948
1181	11.80	15.319	15.128	13.465	10.480	6.476	2.070	-1.737	-3.715	-2.812	1.353
1191	11.90	8.125	15.845	22.323	25.623	24.841	20.508	14.421	8.911	5.866	5.912
1201	12.00	8.134	10.464	10.595	7.025	-0.229	-9.544	-18.292	-23.875	-24.746	-21.008
1211	12.10	-14.338	-7.291	-2.282	-0.683	-2.404	-6.105	-9.917	-12.333	-12.873	-12.238
1221	12.20	-11.889	-13.270	-17.010	-22.475	-27.879	-30.894	-29.531	-22.926	-11.727	2.062
1231	12.30	15.686	26.464	32.532	33.268	29.314	22.244	14.038	6.546	1.073	-1.830
1241	12.40	-2.364	-1.304	0.300	1.468	1.584	0.573	-1.128	-2.775	-3.632	-3.277
1251	12.50	-1.757	0.472	2.778	4.638	5.832	6.437	6.654	6.577	6.065	4.819
1261	12.60	2.609	-0.464	-3.888	-6.898	-8.848	-9.572	-9.510	-9.476	-10.147	-11.531
1271	12.70	-12.757	-12.359	-8.994	-2.276	6.725	15.630	21.558	22.282	17.201	7.665
1281	12.80	-3.518	-13.183	-19.014	-20.299	-17.942	-13.760	-9.483	-5.958	-2.908	0.667
1291	12.90	5.749	12.613	20.543	28.054	33.467	35.516	33.727	28.467	20.740	11.889
1301	13.00	3.360	-3.488	-7.566	-8.324	-6.036	-1.945	1.926	3.367	0.835	-5.796
1311	13.10	-14.980	-23.935	-29.668	-30.137	-25.030	-15.775	-4.809	5.508	13.765	19.713
1321	13.20	23.775	26.223	26.579	23.669	16.369	4.616	-9.962	-24.260	-34.792	-39.153
1331	13.30	-37.100	-30.613	-22.872	-16.629	-12.868	-10.475	-7.132	-0.954	8.082	17.744
1341	13.40	24.535	25.561	20.301	11.233	2.862	-0.449	3.224	12.175	21.673	26.180
1351	13.50	22.098	9.698	-6.784	-20.970	-27.206	-23.100	-10.502	5.493	18.971	25.822
1361	13.60	25.308	19.910	13.688	10.100	10.426	13.505	16.775	17.895	16.007	11.982
1371	13.70	7.607	4.294	2.106	-0.304	-4.828	-12.625	-23.179	-34.252	-42.768	-46.168
1381	13.80	-43.508	-35.753	-25.182	-14.279	-4.747	2.845	8.711	13.110	15.786	15.990
1391	13.90	13.095	7.407	0.594	-4.675	-5.819	-1.670	6.681	16.071	22.487	22.836
1401	14.00	16.413	5.330	-6.335	-14.291	-15.881	-11.137	-2.574	6.127	11.866	13.432
1411	14.10	11.761	9.072	7.406	7.363	7.731	6.183	0.696	-9.073	-21.204	-32.057
1421	14.20	-37.756	-35.898	-26.702	-13.026	0.763	10.544	14.048	11.607	5.759	-0.032
1431	14.30	-2.921	-1.783	2.572	8.071	12.525	14.652	14.513	13.210	12.092	11.934
1441	14.40	12.510	12.765	11.439	7.783	1.967	-5.005	-11.813	-17.450	-21.609	-24.631
1451	14.50	-27.056	-29.068	-30.173	-29.327	-25.475	-18.212	-8.207	2.864	12.890	20.122
1461	14.60	23.801	24.318	22.823	20.527	18.065	15.287	11.582	6.535	0.542	-5.033
1471	14.70	-8.296	-7.705	-2.948	4.645	12.439	17.494	17.777	13.051	4.983	-3.582
1481	14.80	-9.859	-12.306	-11.185	-8.271	-5.857	-5.558	-7.497	-10.276	-11.721	-10.039
1491	14.90	-4.808	2.675	9.877	14.109	13.696	8.724	1.006	-6.671	-11.678	-12.526

Table 7-21-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1213 S601-DA-1-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = -46.168 (GAL) T= 13.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-9.315	-3.480	2.965	8.299	11.680	13.216	13.564	13.331	12.619	10.962
1511	15.10	7.684	2.466	-4.182	-10.850	-15.627	-16.840	-13.811	-7.281	0.725	7.571
1521	15.20	10.977	9.879	4.844	-2.154	-8.501	-11.940	-11.413	-7.390	-1.593	3.756
1531	15.30	6.838	6.891	4.371	0.586	-3.005	-5.468	-6.745	-7.522	-8.700	-10.766
1541	15.40	-13.389	-15.464	-15.611	-12.897	-7.411	-0.401	6.138	10.260	10.900	8.341
1551	15.50	4.099	0.254	-1.471	-0.451	2.604	6.030	8.008	7.415	4.299	-0.199
1561	15.60	-4.437	-7.047	-7.519	-6.301	-4.410	-2.784	-1.734	-0.799	0.909	4.072
1571	15.70	8.591	13.404	16.837	17.344	14.285	8.343	1.357	-4.393	-7.126	-6.307
1581	15.80	-2.861	1.244	3.845	3.491	0.020	-5.414	-10.843	-14.264	-14.368	-10.955
1591	15.90	-4.922	2.104	8.291	12.124	12.757	10.174	5.167	-0.846	-6.130	-9.056
1601	16.00	-8.549	-4.669	2.239	9.731	15.784	18.517	17.049	11.842	4.549	-2.569
1611	16.10	-7.460	-8.979	-7.216	-3.314	1.088	4.543	6.304	6.459	5.688	4.805
1621	16.20	4.319	4.226	4.078	3.273	1.389	-1.600	-5.294	-9.015	-12.027	-13.742
1631	16.30	-13.835	-12.283	-9.345	-5.512	-1.448	2.127	4.586	5.564	5.099	3.619
1641	16.40	1.803	0.316	-0.451	-0.531	-0.324	-0.357	-0.976	-2.124	-3.331	-3.915
1651	16.50	-3.330	-1.459	1.265	3.993	5.781	5.939	4.276	1.127	-2.816	-6.766
1661	16.60	-10.065	-12.296	-13.264	-12.919	-11.296	-8.527	-4.906	-0.937	2.705	5.325
1671	16.70	6.423	5.888	4.068	1.673	-0.454	-1.611	-1.441	0.007	2.355	5.059
1681	16.80	7.590	9.538	10.659	10.861	10.172	8.731	6.785	4.668	2.746	1.323
1691	16.90	0.544	0.343	0.467	0.581	0.414	-0.132	-0.934	-1.713	-2.156	-2.048
1701	17.00	-1.369	-0.303	0.818	1.615	1.765	1.081	-0.437	-2.592	-4.993	-7.107
1711	17.10	-8.345	-8.194	-6.380	-2.997	1.434	6.036	9.766	11.683	11.244	8.462
1721	17.20	3.932	-1.327	-6.164	-9.629	-11.229	-11.037	-9.603	-7.724	-6.127	-5.211
1731	17.30	-4.921	-4.815	-4.296	-2.906	-0.576	2.304	4.998	6.724	6.980	5.759
1741	17.40	3.562	1.189	-0.598	-1.381	-1.210	-0.512	0.193	0.590	0.735	0.997
1751	17.50	1.796	3.298	5.220	6.894	7.551	6.714	4.479	1.538	-1.091	-2.508
1761	17.60	-2.330	-0.852	1.102	2.576	2.904	1.980	0.233	-1.642	-3.048	-3.741
1771	17.70	-3.867	-3.775	-3.750	-3.829	-3.807	-3.419	-2.573	-1.483	-0.598	-0.356
1781	17.80	-0.914	-2.005	-3.031	-3.363	-2.682	-1.175	0.535	1.707	1.882	1.154
1791	17.90	0.147	-0.300	0.411	2.278	4.626	6.390	6.611	4.914	1.741	-1.793
1801	18.00	-4.338	-4.863	-3.057	0.563	4.885	8.622	10.759	10.823	8.930	5.633
1811	18.10	1.684	-2.176	-5.351	-7.440	-8.262	-7.868	-6.548	-4.793	-3.175	-2.169
1821	18.20	-1.957	-2.343	-2.819	-2.797	-1.917	-0.272	1.570	2.784	2.668	1.022
1831	18.30	-1.678	-4.404	-5.967	-5.522	-2.953	1.042	5.202	8.201	9.169	8.009
1841	18.40	5.384	2.389	0.070	-1.000	-0.887	-0.176	0.381	0.248	-0.652	-1.942
1851	18.50	-3.016	-3.365	-2.828	-1.650	-0.340	0.596	0.897	0.644	0.177	-0.119
1861	18.60	-0.030	0.376	0.809	0.936	0.579	-0.174	-1.014	-1.574	-1.620	-1.162
1871	18.70	-0.429	0.285	0.794	1.115	1.428	1.911	2.576	3.184	3.342	2.717
1881	18.80	1.273	-0.619	-2.296	-3.090	-2.687	-1.334	0.200	0.952	0.221	-2.051
1891	18.90	-5.176	-7.965	-9.223	-8.279	-5.299	-1.241	2.537	4.835	5.085	3.528
1901	19.00	1.050	-1.247	-2.511	-2.448	-1.356	0.100	1.227	1.586	1.112	0.045
1911	19.10	-1.244	-2.420	-3.267	-3.672	-3.566	-2.892	-1.635	0.095	2.000	3.620
1921	19.20	4.460	4.190	2.803	0.663	-1.610	-3.367	-4.173	-3.948	-2.961	-1.672
1931	19.30	-0.515	0.268	0.680	0.895	1.115	1.447	1.863	2.247	2.498	2.609
1941	19.40	2.678	2.843	3.177	3.617	3.965	3.965	3.419	2.283	0.696	-1.075
1951	19.50	-2.725	-4.008	-4.777	-4.987	-4.655	-3.835	-2.618	-1.152	0.339	1.583
1961	19.60	2.333	2.470	2.083	1.467	1.028	1.123	1.900	3.215	4.677	5.796
1971	19.70	6.193	5.752	4.661	3.318	2.145	1.400	1.075	0.929	0.638	-0.022
1981	19.80	-1.034	-2.125	-2.884	-2.952	-2.209	-0.850	0.666	1.793	2.122	1.548
1991	19.90	0.314	-1.082	-2.091	-2.330	-1.735	-0.577	0.647	1.419	1.405	0.589

Table 7-21-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1213 S601-DA-1-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = -46.168 (GAL) T= 13.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.715	-1.980	-2.660	-2.392	-1.136	0.802	2.865	4.429	5.000	4.377
2011	20.10	2.707	0.435	-1.851	-3.603	-4.480	-4.438	-3.711	-2.711	-1.668	-1.486
2021	20.20	-1.647	-2.207	-2.863	-3.270	-3.158	-2.414	-1.112	0.515	2.142	3.437
2031	20.30	4.144	4.149	3.517	2.488	1.424	0.709	0.620	1.215	2.272	3.337
2041	20.40	3.861	3.408	1.846	-0.566	-3.236	-5.447	-6.630	-6.596	-5.612	-4.295
2051	20.50	-3.343	-3.238	-4.036	-5.361	-6.573	-7.067	-6.534	-5.081	-3.157	-1.332
2061	20.60	-0.041	0.583	0.708	0.661	0.730	1.016	1.414	1.725	1.814	1.717
2071	20.70	1.636	1.818	2.390	3.262	4.141	4.683	4.672	4.149	3.395	2.776
2081	20.80	2.533	2.640	2.805	2.640	1.898	0.662	-0.637	-1.403	-1.160	0.176
2091	20.90	2.202	4.164	5.262	5.000	3.399	0.993	-1.415	-3.088	-3.661	-3.246
2101	21.00	-2.336	-1.543	-1.306	-1.718	-2.516	-3.237	-3.440	-2.903	-1.702	-0.170
2111	21.10	1.241	2.110	2.171	1.383	-0.072	-1.824	-3.388	-4.270	-4.095	-2.735
2121	21.20	-0.396	2.390	4.887	6.390	6.473	5.170	2.992	0.752	-0.738	-0.974
2131	21.30	0.051	1.871	3.767	5.079	5.480	5.074	4.286	3.615	3.367	3.499
2141	21.40	3.661	3.390	2.363	0.581	-1.615	-3.695	-5.177	-5.839	-5.789	-5.380
2151	21.50	-5.012	-4.932	-5.126	-5.362	-5.344	-4.893	-4.059	-3.112	-2.405	-2.199
2161	21.60	-2.533	-3.197	-3.832	-4.083	-3.753	-2.867	-1.632	-0.337	0.773	1.569
2171	21.70	2.040	2.246	2.251	2.089	1.774	1.339	0.861	0.468	0.295	0.423
2181	21.80	0.847	1.469	2.141	2.718	3.093	3.202	2.994	2.422	1.451	0.118
2191	21.90	-1.409	-2.814	-3.695	-3.712	-2.754	-1.041	0.903	2.433	3.043	2.598
2201	22.00	1.406	0.092	-0.694	-0.584	0.324	1.517	2.320	2.249	1.268	-0.189
2211	22.10	-1.430	-1.874	-1.364	-0.268	0.699	0.850	-0.097	-1.835	-3.582	-4.453
2221	22.20	-3.890	-1.960	0.658	2.973	4.137	3.816	2.315	0.392	-1.121	-1.706
2231	22.30	-1.358	-0.506	0.259	0.516	0.212	-0.360	-0.771	-0.722	-0.214	0.465
2241	22.40	0.925	0.904	0.417	-0.251	-0.716	-0.701	-0.180	0.625	1.380	1.819
2251	22.50	1.863	1.615	1.250	0.887	0.518	0.056	-0.545	-1.186	-1.615	-1.550
2261	22.60	-0.858	0.298	1.476	2.127	1.871	0.719	-0.887	-2.253	-2.768	-2.213
2271	22.70	-0.893	0.501	1.236	0.908	-0.329	-1.826	-2.748	-2.491	-0.985	1.262
2281	22.80	3.407	4.668	4.685	3.656	2.192	0.981	0.437	0.523	0.820	0.810
2291	22.90	0.191	-0.933	-2.107	-2.768	-2.569	-1.583	-0.285	0.689	0.864	0.184
2301	23.00	-0.954	-1.899	-2.074	-1.271	0.244	1.867	2.959	3.161	2.557	1.613
2311	23.10	0.913	0.841	1.376	2.097	2.398	1.812	0.261	-1.871	-3.902	-5.153
2321	23.20	-5.252	-4.276	-2.699	-1.148	-0.121	0.206	-0.004	-0.405	-0.690	-0.757
2331	23.30	-0.734	-0.848	-1.240	-1.826	-2.303	-2.314	-1.669	-0.502	0.731	1.454
2341	23.40	1.262	0.159	-1.383	-2.615	-2.847	-1.800	0.231	2.474	4.013	4.202
2351	23.50	2.964	0.820	-1.342	-2.670	-2.714	-1.586	0.147	1.776	2.788	3.073
2361	23.60	2.899	2.689	2.738	3.034	3.270	3.043	2.114	0.586	-1.116	-2.441
2371	23.70	-2.992	-2.723	-1.951	-1.175	-0.800	-0.911	-1.242	-1.336	-0.832	0.297
2381	23.80	1.672	2.666	2.711	1.600	-0.376	-2.522	-4.040	-4.377	-3.464	-1.733
2391	23.90	0.099	1.353	1.674	1.151	0.215	-0.607	-0.951	-0.765	-0.290	0.118
2401	24.00	0.199	-0.062	-0.425	-0.534	-0.110	0.891	2.233	3.496	4.256	4.268
2411	24.10	3.564	2.429	1.275	0.468	0.197	0.424	0.938	1.470	1.820	1.926
2421	24.20	1.868	1.797	1.844	2.036	2.283	2.407	2.224	1.623	0.621	-0.639
2431	24.30	-1.929	-3.005	-3.672	-3.826	-3.464	-2.677	-1.632	-0.556	0.296	0.673
2441	24.40	0.395	-0.580	-2.102	-3.821	-5.256	-5.934	-5.553	-4.116	-1.965	0.312
2451	24.50	2.069	2.827	2.442	1.147	-0.551	-2.068	-2.957	-3.044	-2.439	-1.438
2461	24.60	-0.371	0.531	1.175	1.577	1.775	1.772	1.528	1.024	0.338	-0.329
2471	24.70	-0.696	-0.530	0.224	1.367	2.494	3.154	3.061	2.247	1.089	0.165
2481	24.80	0.016	0.896	2.636	4.691	6.338	6.964	6.298	4.511	2.133	-0.155
2491	24.90	-1.781	-2.469	-2.301	-1.640	-0.958	-0.658	-0.943	-1.776	-2.929	-4.079

Table 7-21-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1213 S601-DA-1-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = -46.168 (GAL) T= 13.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-4.918	-5.237	-4.966	-4.175	-3.044	-1.812	-0.722	0.036	0.360	0.253
2511	25.10	-0.191	-0.825	-1.491	-2.059	-2.442	-2.588	-2.469	-2.067	-1.385	-0.465
2521	25.20	0.587	1.604	2.387	2.765	2.660	2.125	1.343	0.561	0.004	-0.207
2531	25.30	-0.095	0.191	0.445	0.496	0.279	-0.142	-0.604	-0.920	-0.953	-0.676
2541	25.40	-0.180	0.356	0.731	0.787	0.465	-0.181	-0.997	-1.782	-2.345	-2.567
2551	25.50	-2.438	-2.056	-1.586	-1.201	-1.002	-0.981	-1.020	-0.942	-0.596	0.062
2561	25.60	0.932	1.799	2.409	2.581	2.287	1.672	0.997	0.538	0.468	0.792
2571	25.70	1.354	1.910	2.230	2.192	1.813	1.224	0.601	0.088	-0.241	-0.382
2581	25.80	-0.364	-0.210	0.086	0.544	1.160	1.876	2.567	3.071	3.243	3.005
2591	25.90	2.385	1.506	0.550	-0.295	-0.887	-1.155	-1.109	-0.830	-0.447	-0.104
2601	26.00	0.073	0.017	-0.257	-0.638	-0.950	-1.015	-0.728	-0.119	0.635	1.268
2611	26.10	1.528	1.289	0.619	-0.240	-0.968	-1.310	-1.193	-0.757	-0.294	-0.099
2621	26.20	-0.333	-0.940	-1.677	-2.232	-2.379	-2.084	-1.516	-0.955	-0.642	-0.659
2631	26.30	-0.887	-1.074	-0.966	-0.642	0.421	1.388	2.171	2.564	2.519	2.145
2641	26.40	1.626	1.120	0.687	0.283	-0.178	-0.742	-1.367	-1.935	-2.319	-2.457
2651	26.50	-2.394	-2.257	-2.169	-2.161	-2.136	-1.907	-1.310	-0.329	0.843	1.840
2661	26.60	2.270	1.896	0.779	-0.708	-1.998	-2.546	-2.058	-0.609	1.373	3.286
2671	26.70	4.582	4.977	4.526	3.563	2.522	1.737	1.311	1.108	0.863	0.344
2681	26.80	-0.507	-1.530	-2.418	-2.862	-2.697	-1.987	-1.001	-0.106	0.393	0.364
2691	26.90	-0.112	-0.793	-1.392	-1.694	-1.624	-1.249	-0.716	-0.178	0.269	0.593
2701	27.00	0.808	0.929	0.953	0.866	0.677	0.445	0.281	0.304	0.575	1.049
2711	27.10	1.560	1.885	1.834	1.353	0.568	-0.251	-0.798	-0.866	-0.445	0.259
2721	27.20	0.910	1.180	0.894	0.106	-0.921	-1.824	-2.287	-2.157	-1.488	-0.496
2731	27.30	0.548	1.424	2.034	2.399	2.608	2.740	2.813	2.777	2.556	2.104
2741	27.40	1.451	0.708	0.024	-0.469	-0.720	-0.774	-0.750	-0.790	-0.988	-1.352
2751	27.50	-1.799	-2.193	-2.404	-2.370	-2.124	-1.776	-1.467	-1.291	-1.245	-1.223
2761	27.60	-1.056	-0.601	0.171	1.118	1.952	2.337	2.025	0.989	-0.523	-2.051
2771	27.70	-3.079	-3.239	-2.473	-1.076	0.400	1.366	1.429	0.561	-0.894	-2.366
2781	27.80	-3.304	-3.407	-2.740	-1.686	-0.751	-0.329	-0.517	-1.091	-1.630	-1.741
2791	27.90	-1.260	-0.344	0.607	1.150	1.028	0.313	-0.611	-1.214	-1.076	-0.088
2801	28.00	1.474	3.057	4.072	4.151	3.316	1.968	0.713	0.096	0.359	1.337
2811	28.10	2.533	3.329	3.255	2.184	0.378	-1.629	-3.254	-4.096	-4.080	-3.453
2821	28.20	-2.652	-2.108	-2.067	-2.512	-3.200	-3.789	-3.988	-3.670	-2.898	-1.870
2831	28.30	-0.820	0.074	0.742	1.215	1.575	1.907	2.263	2.654	3.071	3.498
2841	28.40	3.912	4.272	4.505	4.519	4.227	3.611	2.749	1.824	1.065	0.663
2851	28.50	0.684	1.022	1.439	1.656	1.483	0.908	0.116	-0.589	-0.917	-0.724
2861	28.60	-0.083	0.742	1.412	1.650	1.362	0.660	-0.189	-0.888	-1.218	-1.114
2871	28.70	-0.650	0.017	0.725	1.356	1.835	2.100	2.073	1.667	0.838	-0.347
2881	28.80	-1.667	-2.785	-3.348	-3.140	-2.203	-0.864	0.361	0.961	0.635	-0.569
2891	28.90	-2.262	-3.865	-4.837	-4.897	-4.115	-2.868	-1.659	-0.901	-0.761	-1.125
2901	29.00	-1.697	-2.162	-2.340	-2.243	-2.033	-1.900	-1.935	-2.077	-2.143	-1.933
2911	29.10	-1.347	-0.440	0.588	1.496	2.102	2.357	2.348	2.228	2.129	2.103
2921	29.20	2.115	2.094	1.997	1.849	1.725	1.697	1.770	1.856	1.807	1.499
2931	29.30	0.911	0.166	-0.504	-0.854	-0.737	-0.179	0.629	1.409	1.909	2.003
2941	29.40	1.720	1.207	0.644	0.167	-0.175	-0.395	-0.524	-0.563	-0.473	-0.207
2951	29.50	0.236	0.781	1.283	1.583	1.584	1.299	0.844	0.388	0.057	-0.121
2961	29.60	-0.232	-0.417	-0.785	-1.340	-1.955	-2.421	-2.541	-2.219	-1.510	-0.595
2971	29.70	0.293	0.966	1.342	1.450	1.385	1.231	1.013	0.689	0.192	-0.503
2981	29.80	-1.326	-2.105	-2.614	-2.655	-2.142	-1.152	0.089	1.271	2.097	2.381
2991	29.90	2.106	1.430	0.625	-0.007	-0.248	-0.031	0.529	1.179	1.612	1.587

Table 7-21-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1213 S601-DA-1-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = -46.168 (GAL) T= 13.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	1.022	0.036	-1.082	-1.976	-2.351	-2.082	-1.264	-0.175	0.828	1.465
3011	30.10	1.531	1.136	0.460	-0.269	-0.797	-1.114	-1.254	-1.339	-1.475	-1.685
3021	30.20	-1.903	-2.010	-1.907	-1.580	-1.119	-0.679	-0.412	-0.391	-0.570	-0.803
3031	30.30	-0.908	-0.752	-0.311	0.315	0.943	1.379	1.494	1.263	0.759	0.111
3041	30.40	-0.550	-1.135	-1.600	-1.927	-2.092	-2.046	-1.727	-1.097	-0.189	0.878
3051	30.50	1.910	2.695	3.081	3.035	2.657	2.146	1.724	1.551	1.667	1.991
3061	30.60	2.352	2.569	2.507	2.119	1.446	0.588	-0.324	-1.164	-1.820	-2.203
3071	30.70	-2.264	-2.006	-1.500	-0.887	-0.336	0.010	0.105	0.022	-0.065	0.032
3081	30.80	0.405	0.974	1.485	1.612	1.113	-0.017	-1.486	-2.776	-3.339	-2.837
3091	30.90	-1.313	0.784	2.754	3.921	3.906	2.781	1.022	-0.705	-1.848	-2.201
3101	31.00	-1.975	-1.657	-1.742	-2.456	-3.616	-4.691	-5.049	-4.268	-2.365	0.163
3111	31.10	2.524	3.949	4.008	2.787	0.838	-1.060	-2.232	-2.374	-1.645	-0.557
3121	31.20	0.280	0.443	-0.131	-1.141	-2.083	-2.495	-2.159	-1.184	0.066	1.155
3131	31.30	1.774	1.864	1.609	1.326	1.286	1.587	2.107	2.577	2.719	2.384
3141	31.40	1.631	0.701	-0.084	-0.458	-0.313	0.262	1.031	1.704	2.047	1.947
3151	31.50	1.436	0.655	-0.203	-0.952	-1.458	-1.661	-1.582	-1.303	-0.955	-0.671
3161	31.60	-0.548	-0.604	-0.763	-0.877	-0.777	-0.362	0.349	1.192	1.915	2.276
3171	31.70	2.148	1.588	0.821	0.142	-0.214	-0.185	0.089	0.330	0.268	-0.225
3181	31.80	-1.054	-1.935	-2.524	-2.579	-2.079	-1.239	-0.413	0.079	0.094	-0.262
3191	31.90	-0.702	-0.907	-0.694	-0.119	0.541	0.925	0.769	0.053	-0.964	-1.844
3201	32.00	-2.150	-1.643	-0.386	1.270	2.826	3.826	4.024	3.453	2.379	1.177
3211	32.10	0.180	-0.422	-0.614	-0.500	-0.230	0.074	0.345	0.556	0.682	0.664
3221	32.20	0.506	0.122	-0.435	-1.052	-1.566	-1.823	-1.735	-1.320	-0.682	0.034
3231	32.30	0.699	1.244	1.644	1.890	1.943	1.726	1.164	0.246	-0.911	-2.058
3241	32.40	-2.877	-3.099	-2.626	-1.588	-0.311	0.812	1.476	1.582	1.262	0.797
3251	32.50	0.466	0.423	0.642	0.969	1.240	1.391	1.493	1.692	2.087	2.617
3261	32.60	3.047	3.064	2.445	1.218	-0.305	-1.632	-2.313	-2.165	-1.377	-0.432
3271	32.70	0.128	-0.009	-0.754	-1.641	-2.059	-1.590	-0.261	1.407	2.609	2.638
3281	32.80	1.245	-1.185	-3.765	-5.466	-5.579	-4.030	-1.427	1.208	2.876	3.029
3291	32.90	1.771	-0.231	-2.080	-3.061	-2.935	-1.990	-0.846	-0.124	-0.147	-0.820
3301	33.00	-1.714	-2.316	-2.292	-1.640	-0.661	0.217	0.672	0.650	0.373	0.213
3311	33.10	0.475	1.232	2.266	3.164	3.507	3.063	1.899	0.351	-1.115	-2.097
3321	33.20	-2.416	-2.163	-1.631	-1.168	-1.013	-1.201	-1.564	-1.825	-1.741	-1.214
3331	33.30	-0.342	0.628	1.404	1.772	1.675	1.220	0.614	0.071	-0.278	-0.418
3341	33.40	-0.431	-0.432	-0.493	-0.609	-0.706	-0.685	-0.482	-0.115	0.321	0.687
3351	33.50	0.855	0.757	0.402	-0.128	-0.711	-1.219	-1.543	-1.610	-1.394	-0.923
3361	33.60	-0.287	0.370	0.882	1.113	1.015	0.665	0.256	0.031	0.178	0.735
3371	33.70	1.552	2.329	2.731	2.535	1.732	0.539	-0.678	-1.559	-1.890	-1.677
3381	33.80	-1.118	-0.489	-0.012	0.238	0.338	0.429	0.607	0.842	0.980	0.825
3391	33.90	0.265	-0.639	-1.650	-2.443	-2.753	-2.496	-1.810	-0.991	-0.346	-0.049
3401	34.00	-0.066	-0.185	-0.139	0.248	0.964	1.813	2.519	2.868	2.824	2.544
3411	34.10	2.296	2.315	2.669	3.222	3.687	3.778	3.354	2.508	1.533	0.799
3421	34.20	0.582	0.937	1.668	2.416	2.808	2.622	1.861	0.740	-0.419	-1.334
3431	34.30	-1.862	-2.032	-1.990	-1.896	-1.836	-1.782	-1.621	-1.236	-0.586	0.251
3441	34.40	1.093	1.719	1.954	1.728	1.091	0.186	-0.810	-1.734	-2.465	-2.933
3451	34.50	-3.107	-2.990	-2.626	-2.106	-1.561	-1.136	-0.941	-0.995	-1.206	-1.397
3461	34.60	-1.374	-1.021	-0.363	0.430	1.101	1.420	1.284	0.760	0.057	-0.578
3471	34.70	-0.971	-1.098	-1.071	-1.065	-1.204	-1.483	-1.763	-1.851	-1.612	-1.060
3481	34.80	-0.373	0.188	0.401	0.203	-0.275	-0.770	-1.018	-0.883	-0.420	0.164
3491	34.90	0.635	0.866	0.909	0.962	1.245	1.848	2.646	3.330	3.546	3.079

Table 7-21-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1213 S601-DA-1-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = -46.168 (GAL) T= 13.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	1.992	0.627	-0.529	-1.055	-0.795	0.068	1.099	1.808	1.876	1.293
3511	35.10	0.348	-0.533	-0.994	-0.925	-0.493	-0.045	0.087	-0.244	-0.918	-1.615
3521	35.20	-1.972	-1.766	-1.014	0.036	1.025	1.648	1.770	1.454	0.901	0.329
3531	35.30	-0.125	-0.440	-0.678	-0.909	-1.149	-1.350	-1.441	-1.391	-1.254	-1.153
3541	35.40	-1.218	-1.510	-1.966	-2.418	-2.671	-2.601	-2.229	-1.715	-1.289	-1.134
3551	35.50	-1.300	-1.670	-2.021	-2.127	-1.868	-1.283	-0.546	0.122	0.556	0.710
3561	35.60	0.667	0.579	0.588	0.765	1.091	1.488	1.873	2.191	2.421	2.553
3571	35.70	2.556	2.372	1.939	1.250	0.393	-0.447	-1.037	-1.188	-0.846	-0.132
3581	35.80	0.692	1.318	1.517	1.227	0.569	-0.211	-0.858	-1.209	-1.252	-1.103
3591	35.90	-0.926	-0.843	-0.866	-0.902	-0.805	-0.459	0.153	0.933	1.702	2.273
3601	36.00	2.518	2.410	2.019	1.481	0.945	0.533	0.319	0.324	0.524	0.855
3611	36.10	1.228	1.534	1.676	1.594	1.291	0.842	0.373	0.016	-0.144	-0.103
3621	36.20	0.064	0.241	0.328	0.288	0.161	0.034	-0.015	0.033	0.124	0.157
3631	36.30	0.048	-0.215	-0.547	-0.796	-0.815	-0.536	-0.012	0.593	1.078	1.287
3641	36.40	1.177	0.820	0.363	-0.053	-0.358	-0.572	-0.769	-1.013	-1.302	-1.553
3651	36.50	-1.643	-1.478	-1.053	-0.473	0.090	0.470	0.585	0.460	0.204	-0.063
3661	36.60	-0.277	-0.461	-0.695	-1.047	-1.505	-1.950	-2.204	-2.117	-1.660	-0.965
3671	36.70	-0.287	0.109	0.071	-0.359	-0.957	-1.411	-1.470	-1.056	-0.299	0.527
3681	36.80	1.136	1.367	1.253	0.990	0.837	0.976	1.429	2.046	2.584	2.828
3691	36.90	2.684	2.214	1.591	1.004	0.565	0.271	0.026	-0.285	-0.717	-1.222
3701	37.00	-1.675	-1.928	-1.898	-1.610	-1.196	-0.838	-0.692	-0.828	-1.207	-1.706
3711	37.10	-2.171	-2.474	-2.544	-2.372	-1.994	-1.467	-0.851	-0.212	0.384	0.869
3721	37.20	1.191	1.337	1.347	1.314	1.346	1.525	1.858	2.261	2.578	2.645
3731	37.30	2.360	1.735	0.914	0.126	-0.391	-0.477	-0.113	0.568	1.331	1.917
3741	37.40	2.136	1.924	1.356	0.609	-0.114	-0.655	-0.952	-1.046	-1.054	-1.108
3751	37.50	-1.301	-1.646	-2.075	-2.462	-2.669	-2.594	-2.209	-1.562	-0.774	0.004
3761	37.60	0.626	0.989	1.064	0.892	0.572	0.227	-0.038	-0.162	-0.150	-0.061
3771	37.70	0.018	0.011	-0.119	-0.359	-0.658	-0.956	-1.215	-1.429	-1.618	-1.795
3781	37.80	-1.938	-1.977	-1.816	-1.374	-0.644	0.279	1.203	1.897	2.173	1.960
3791	37.90	1.343	0.534	-0.199	-0.629	-0.649	-0.298	0.267	0.844	1.265	1.450
3801	38.00	1.415	1.266	1.048	0.894	0.804	0.749	0.675	0.529	0.284	-0.052
3811	38.10	-0.432	-0.783	-1.014	-1.046	-0.834	-0.405	0.136	0.618	0.852	0.709
3821	38.20	0.183	-0.577	-1.301	-1.689	-1.533	-0.808	0.296	1.441	2.266	2.526
3831	38.30	2.193	1.451	0.615	-0.016	-0.277	-0.195	0.049	0.224	0.177	-0.094
3841	38.40	-0.442	-0.650	-0.546	-0.093	0.587	1.261	1.686	1.709	1.327	0.677
3851	38.50	-0.027	-0.581	-0.860	-0.857	-0.656	-0.391	-0.183	-0.099	-0.130	-0.206
3861	38.60	-0.223	-0.082	0.271	0.815	1.447	2.007	2.321	2.266	1.825	1.111
3871	38.70	0.341	-0.237	-0.439	-0.222	0.293	0.861	1.215	1.176	0.723	0.001
3881	38.80	-0.745	-1.275	-1.453	-1.287	-0.912	-0.513	-0.237	-0.147	-0.209	-0.343
3891	38.90	-0.477	-0.582	-0.677	-0.796	-0.955	-1.126	-1.260	-1.320	-1.312	-1.291
3901	39.00	-1.323	-1.440	-1.593	-1.666	-1.519	-1.073	-0.373	0.408	1.023	1.255
3911	39.10	1.013	0.379	-0.422	-1.140	-1.560	-1.627	-1.415	-1.074	-0.736	-0.447
3921	39.20	-0.170	0.161	0.559	0.935	1.115	0.924	0.290	-0.685	-1.726	-2.492
3931	39.30	-2.709	-2.295	-1.401	-0.350	0.500	0.905	0.827	0.426	-0.030	-0.296
3941	39.40	-0.261	0.029	0.411	0.710	0.828	0.785	0.699	0.710	0.908	1.285
3951	39.50	1.744	2.144	2.366	2.350	2.110	1.716	1.261	0.834	0.506	0.325
3961	39.60	0.312	0.446	0.663	0.861	0.924	0.773	0.407	-0.081	-0.529	-0.775
3971	39.70	-0.734	-0.449	-0.084	0.145	0.073	-0.332	-0.939	-1.514	-1.822	-1.745
3981	39.80	-1.339	-0.820	-0.461	-0.469	-0.888	-1.580	-2.287	-2.743	-2.791	-2.435
3991	39.90	-1.825	-1.174	-0.663	-0.371	-0.262	-0.226	-0.147	0.043	0.341	0.690

Table 7-21-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1213 S601-DA-1-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = -46.168 (GAL) T= 13.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	1.018	1.270	1.429	1.504	1.514	1.478	1.403	1.302	1.195	1.112
4011	40.10	1.074	1.088	1.130	1.161	1.143	1.063	0.935	0.792	0.655	0.517
4021	40.20	0.341	0.088	-0.245	-0.599	-0.856	-0.892	-0.635	-0.125	0.479	0.947
4031	40.30	1.074	0.772	0.121	-0.652	-1.262	-1.483	-1.239	-0.634	0.097	0.696
4041	40.40	0.987	0.940	0.664	0.342	0.139	0.129	0.277	0.469	0.576	0.514
4051	40.50	0.271	-0.103	-0.536	-0.963	-1.348	-1.668	-1.899	-1.995	-1.900	-1.572
4061	40.60	-1.014	-0.297	0.456	1.109	1.555	1.754	1.734	1.564	1.316	1.024
4071	40.70	0.688	0.287	-0.179	-0.664	-1.080	-1.327	-1.344	-1.145	-0.825	-0.528
4081	40.80	-0.380	-0.436	-0.644	-0.866	-0.934	-0.728	-0.231	0.452	1.130	1.595
4091	40.90	1.695	1.386	0.736	-0.101	-0.943	-1.631	-2.065	-2.208	-2.072	-1.700
4101	41.00	-1.151	-0.499	0.166	0.741	1.131	1.276	1.177	0.914	0.623	0.454
4111	41.10	0.513	0.812	1.259	1.687	1.917	1.840	1.457	0.895	0.353	0.026
4121	41.20	0.021	0.312	0.747	1.114	1.227	1.009	0.522	-0.053	-0.494	-0.633
4131	41.30	-0.420	0.055	0.604	1.024	1.188	1.095	0.867	0.689	0.718	1.004
4141	41.40	1.464	1.907	2.118	1.954	1.411	0.630	-0.155	-0.717	-0.925	-0.797
4151	41.50	-0.480	-0.180	-0.058	-0.160	-0.395	-0.590	-0.577	-0.284	0.216	0.736
4161	41.60	1.053	1.015	0.619	0.011	-0.565	-0.882	-0.831	-0.470	0.002	0.326
4171	41.70	0.299	-0.142	-0.898	-1.753	-2.465	-2.856	-2.872	-2.580	-2.124	-1.656
4181	41.80	-1.283	-1.044	-0.924	-0.882	-0.883	-0.914	-0.976	-1.075	-1.207	-1.359
4191	41.90	-1.512	-1.650	-1.755	-1.805	-1.769	-1.613	-1.314	-0.892	-0.419	-0.010
4201	42.00	0.211	0.169	-0.130	-0.580	-1.021	-1.302	-1.352	-1.212	-1.010	-0.896
4211	42.10	-0.954	-1.147	-1.326	-1.298	-0.930	-0.230	0.627	1.366	1.720	1.554
4221	42.20	0.928	0.084	-0.656	-1.018	-0.880	-0.315	0.456	1.169	1.621	1.744
4231	42.30	1.600	1.335	1.096	0.970	0.967	1.037	1.116	1.161	1.165	1.140
4241	42.40	1.101	1.048	0.976	0.897	0.850	0.903	1.119	1.516	2.031	2.525
4251	42.50	2.825	2.786	2.363	1.634	0.778	0.017	-0.473	-0.613	-0.442	-0.088
4261	42.60	0.294	0.577	0.694	0.635	0.429	0.110	-0.288	-0.725	-1.145	-1.461
4271	42.70	-1.579	-1.434	-1.024	-0.438	0.170	0.629	0.816	0.714	0.414	0.074
4281	42.80	-0.146	-0.159	0.021	0.287	0.510	0.595	0.540	0.423	0.367	0.465
4291	42.90	0.725	1.065	1.344	1.429	1.266	0.901	0.465	0.112	-0.055	-0.028
4301	43.00	0.101	0.192	0.124	-0.144	-0.556	-0.979	-1.269	-1.342	-1.210	-0.983
4311	43.10	-0.821	-0.866	-1.180	-1.712	-2.315	-2.797	-2.988	-2.802	-2.265	-1.507
4321	43.20	-0.716	-0.083	0.264	0.290	0.059	-0.296	-0.626	-0.817	-0.829	-0.703
4331	43.30	-0.529	-0.408	-0.392	-0.465	-0.544	-0.518	-0.310	0.086	0.584	1.043
4341	43.40	1.325	1.360	1.189	0.946	0.805	0.894	1.233	1.711	2.128	2.279
4351	43.50	2.048	1.462	0.686	-0.044	-0.517	-0.633	-0.437	-0.083	0.244	0.416
4361	43.60	0.421	0.351	0.342	0.488	0.772	1.061	1.154	0.879	0.187	-0.803
4371	43.70	-1.829	-2.575	-2.793	-2.396	-1.497	-0.368	0.661	1.320	1.489	1.225
4381	43.80	0.715	0.191	-0.164	-0.284	-0.218	-0.092	-0.035	-0.115	-0.320	-0.571
4391	43.90	-0.775	-0.877	-0.883	-0.856	-0.869	-0.964	-1.117	-1.250	-1.267	-1.110
4401	44.00	-0.789	-0.389	-0.029	0.190	0.237	0.154	0.038	-0.023	0.005	0.084
4411	44.10	0.123	0.042	-0.176	-0.451	-0.634	-0.573	-0.191	0.458	1.204	1.813
4421	44.20	2.090	1.962	1.505	0.913	0.411	0.159	0.190	0.409	0.650	0.763
4431	44.30	0.685	0.460	0.212	0.068	0.096	0.265	0.472	0.591	0.546	0.350
4441	44.40	0.103	-0.055	-0.010	0.267	0.711	1.182	1.528	1.669	1.528	1.242
4451	44.50	0.919	0.687	0.620	0.711	0.878	0.998	0.955	0.689	0.219	-0.359
4461	44.60	-0.899	-1.258	-1.342	-1.142	-0.740	-0.284	0.062	0.176	0.024	-0.327
4471	44.70	-0.732	-1.019	-1.056	-0.798	-0.307	0.269	0.747	0.973	0.869	0.458
4481	44.80	-0.150	-0.802	-1.351	-1.697	-1.813	-1.738	-1.559	-1.371	-1.253	-1.238
4491	44.90	-1.316	-1.436	-1.527	-1.526	-1.401	-1.161	-0.859	-0.574	-0.387	-0.348

Table 7-21-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1213 S601-DA-1-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = -46.168 (GAL) T= 13.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.455	-0.653	-0.850	-0.948	-0.881	-0.640	-0.282	0.094	0.377	0.489
4511	45.10	0.409	0.181	-0.110	-0.370	-0.537	-0.596	-0.583	-0.548	-0.528	-0.512
4521	45.20	-0.440	-0.226	0.200	0.842	1.617	2.364	2.897	3.065	2.819	2.232
4531	45.30	1.482	0.786	0.321	0.163	0.266	0.491	0.669	0.676	0.480	0.137
4541	45.40	-0.238	-0.538	-0.704	-0.746	-0.717	-0.671	-0.624	-0.541	-0.356	-0.021
4551	45.50	0.457	0.999	1.480	1.778	1.830	1.656	1.353	1.044	0.823	0.709
4561	45.60	0.649	0.547	0.323	-0.038	-0.470	-0.854	-1.070	-1.055	-0.834	-0.512
4571	45.70	-0.235	-0.128	-0.249	-0.573	-1.008	-1.431	-1.738	-1.863	-1.796	-1.550
4581	45.80	-1.166	-0.677	-0.115	0.484	1.065	1.555	1.874	1.959	1.790	1.402
4591	45.90	0.888	0.367	-0.049	-0.293	-0.365	-0.327	-0.283	-0.334	-0.542	-0.902
4601	46.00	-1.344	-1.758	-2.031	-2.085	-1.897	-1.505	-0.985	-0.426	0.097	0.534
4611	46.10	0.863	1.075	1.166	1.134	0.977	0.713	0.375	0.019	-0.300	-0.534
4621	46.20	-0.666	-0.707	-0.692	-0.668	-0.673	-0.737	-0.870	-1.068	-1.308	-1.546
4631	46.30	-1.715	-1.735	-1.538	-1.097	-0.458	0.258	0.878	1.237	1.245	0.931
4641	46.40	0.442	-0.004	-0.212	-0.090	0.305	0.796	1.161	1.239	1.004	0.577
4651	46.50	0.164	-0.041	0.068	0.364	0.728	0.929	0.840	0.472	-0.021	-0.419
4661	46.60	-0.535	-0.306	0.183	0.741	1.151	1.270	1.076	0.664	0.202	-0.148
4671	46.70	-0.284	-0.185	0.100	0.486	0.884	1.222	1.447	1.531	1.468	1.283
4681	46.80	1.040	0.827	0.734	0.816	1.061	1.391	1.685	1.832	1.779	1.550
4691	46.90	1.233	0.930	0.706	0.559	0.426	0.235	-0.054	-0.406	-0.731	-0.923
4701	47.00	-0.923	-0.759	-0.533	-0.383	-0.408	-0.624	-0.954	-1.267	-1.447	-1.442
4711	47.10	-1.289	-1.078	-0.905	-0.813	-0.780	-0.742	-0.638	-0.461	-0.264	-0.133
4721	47.20	-0.134	-0.269	-0.465	-0.609	-0.614	-0.469	-0.255	-0.110	-0.155	-0.428
4731	47.30	-0.853	-1.272	-1.517	-1.493	-1.221	-0.831	-0.494	-0.337	-0.382	-0.538
4741	47.40	-0.655	-0.599	-0.326	0.094	0.512	0.766	0.757	0.491	0.066	-0.372
4751	47.50	-0.692	-0.821	-0.755	-0.539	-0.232	0.114	0.460	0.771	0.997	1.088
4761	47.60	1.007	0.767	0.446	0.172	0.079	0.246	0.652	1.171	1.613	1.801
4771	47.70	1.644	1.182	0.566	-0.006	-0.369	-0.460	-0.333	-0.125	0.017	0.005
4781	47.80	-0.150	-0.350	-0.463	-0.388	-0.107	0.312	0.741	1.054	1.176	1.112
4791	47.90	0.931	0.730	0.578	0.491	0.422	0.299	0.062	-0.293	-0.703	-1.054
4801	48.00	-1.231	-1.163	-0.868	-0.449	-0.064	0.133	0.052	-0.290	-0.776	-1.228
4811	48.10	-1.481	-1.450	-1.160	-0.740	-0.362	-0.168	-0.201	-0.387	-0.568	-0.573
4821	48.20	-0.301	0.228	0.871	1.425	1.705	1.622	1.221	0.652	0.105	-0.274
4831	48.30	-0.437	-0.436	-0.393	-0.424	-0.588	-0.864	-1.171	-1.416	-1.538	-1.538
4841	48.40	-1.463	-1.379	-1.327	-1.309	-1.294	-1.239	-1.122	-0.951	-0.758	-0.569
4851	48.50	-0.393	-0.211	0.006	0.270	0.556	0.806	0.951	0.948	0.802	0.567
4861	48.60	0.320	0.123	-0.004	-0.083	-0.149	-0.212	-0.234	-0.140	0.143	0.622
4871	48.70	1.210	1.732	1.989	1.844	1.296	0.501	-0.285	-0.798	-0.882	-0.546
4881	48.80	0.040	0.631	1.014	1.100	0.951	0.735	0.626	0.715	0.961	1.220
4891	48.90	1.318	1.151	0.740	0.231	-0.173	-0.310	-0.128	0.287	0.756	1.087
4901	49.00	1.161	0.971	0.616	0.240	-0.038	-0.177	-0.214	-0.234	-0.312	-0.467
4911	49.10	-0.655	-0.789	-0.789	-0.622	-0.320	0.039	0.365	0.599	0.730	0.791
4921	49.20	0.825	0.853	0.856	0.783	0.579	0.227	-0.231	-0.701	-1.066	-1.236
4931	49.30	-1.187	-0.973	-0.705	-0.504	-0.453	-0.555	-0.740	-0.892	-0.905	-0.732
4941	49.40	-0.407	-0.032	0.260	0.363	0.241	-0.064	-0.443	-0.768	-0.938	-0.911
4951	49.50	-0.705	-0.385	-0.026	0.312	0.599	0.824	0.980	1.049	0.997	0.785
4961	49.60	0.402	-0.122	-0.708	-1.240	-1.605	-1.723	-1.581	-1.236	-0.791	-0.358
4971	49.70	-0.021	0.192	0.310	0.395	0.504	0.662	0.837	0.960	0.947	0.748
4981	49.80	0.375	-0.088	-0.511	-0.759	-0.753	-0.501	-0.104	0.277	0.486	0.436
4991	49.90	0.143	-0.273	-0.638	-0.800	-0.694	-0.368	0.034	0.342	0.437	0.304

Table 7-21-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1213 S601-DA-1-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = -46.168 (GAL) T= 13.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.045	-0.174	-0.202	0.022	0.439	0.884	1.168	1.156	0.830	0.299
5011	50.10	-0.250	-0.633	-0.744	-0.589	-0.269	0.076	0.332	0.454	0.477	0.474
5021	50.20	0.517	0.633	0.801	0.967	1.080	1.116	1.083	1.009	0.918	0.820
5031	50.30	0.715	0.608	0.520	0.486	0.534	0.653	0.781	0.813	0.652	0.255
5041	50.40	-0.324	-0.942	-1.421	-1.623	-1.518	-1.202	-0.851	-0.635	-0.635	-0.794
5051	50.50	-0.951	-0.921	-0.601	-0.040	0.579	1.013	1.079	0.747	0.165	-0.409
5061	50.60	-0.726	-0.663	-0.279	0.215	0.564	0.584	0.255	-0.285	-0.810	-1.118
5071	50.70	-1.123	-0.883	-0.556	-0.313	-0.259	-0.393	-0.632	-0.869	-1.035	-1.116
5081	50.80	-1.139	-1.122	-1.061	-0.833	-0.437	0.142	0.803	1.363	1.632	1.499
5091	50.90	1.007	0.340	-0.243	-0.527	-0.436	-0.066	0.366	0.632	0.606	0.324
5101	51.00	-0.050	-0.311	-0.328	-0.116	0.179	0.357	0.276	-0.065	-0.525	-0.890
5111	51.10	-0.984	-0.761	-0.324	0.126	0.399	0.411	0.225	0.014	-0.034	0.186
5121	51.20	0.636	1.152	1.524	1.593	1.328	0.827	0.275	-0.148	-0.336	-0.291
5131	51.30	-0.101	0.111	0.245	0.254	0.147	-0.038	-0.259	-0.484	-0.688	-0.842
5141	51.40	-0.906	-0.847	-0.657	-0.375	-0.083	0.116	0.146	-0.002	-0.263	-0.515
5151	51.50	-0.640	-0.574	-0.343	-0.051	0.162	0.188	-0.001	-0.340	-0.698	-0.941
5161	51.60	-0.984	-0.827	-0.550	-0.272	-0.097	-0.072	-0.172	-0.318	-0.412	-0.385
5171	51.70	-0.224	0.029	0.291	0.478	0.539	0.474	0.335	0.205	0.159	0.234
5181	51.80	0.410	0.613	0.744	0.721	0.515	0.165	-0.230	-0.551	-0.707	-0.671
5191	51.90	-0.486	-0.246	-0.048	0.050	0.051	0.006	-0.020	0.010	0.080	0.128
5201	52.00	0.087	-0.074	-0.317	-0.546	-0.645	-0.537	-0.224	0.202	0.599	0.833
5211	52.10	0.836	0.633	0.323	0.030	-0.152	-0.195	-0.129	-0.014	0.110	0.239
5221	52.20	0.400	0.617	0.873	1.095	1.179	1.043	0.685	0.204	-0.224	-0.415
5231	52.30	-0.263	0.204	0.823	1.359	1.604	1.463	0.994	0.380	-0.155	-0.446
5241	52.40	-0.448	-0.247	-0.003	0.138	0.112	-0.035	-0.179	-0.192	-0.013	0.316
5251	52.50	0.664	0.876	0.846	0.572	0.157	-0.230	-0.430	-0.356	-0.027	0.444
5261	52.60	0.903	1.208	1.284	1.127	0.800	0.392	-0.007	-0.333	-0.553	-0.655
5271	52.70	-0.636	-0.552	-0.441	-0.276	-0.209	-0.256	-0.439	-0.736	-1.089	-1.415
5281	52.80	-1.637	-1.701	-1.592	-1.325	-0.938	-0.477	0.008	0.465	0.833	1.051
5291	52.90	1.068	0.863	0.470	-0.026	-0.507	-0.859	-1.017	-0.987	-0.845	-0.693
5301	53.00	-0.616	-0.637	-0.706	-0.725	-0.603	-0.303	0.131	0.591	0.949	1.122
5311	53.10	1.105	0.976	0.851	0.832	0.948	1.147	1.314	1.336	1.148	0.769
5321	53.20	0.292	-0.157	-0.471	-0.601	-0.567	-0.432	-0.269	-0.133	-0.045	-0.003
5331	53.30	-0.002	-0.044	-0.136	-0.279	-0.454	-0.615	-0.711	-0.710	-0.621	-0.499
5341	53.40	-0.418	-0.436	-0.557	-0.726	-0.850	-0.848	-0.698	-0.458	-0.243	-0.178
5351	53.50	-0.331	-0.675	-1.094	-1.427	-1.541	-1.382	-0.996	-0.506	-0.049	0.275
5361	53.60	0.435	0.457	0.390	0.268	0.091	-0.156	-0.474	-0.813	-1.075	-1.143
5371	53.70	-0.940	-0.476	0.143	0.749	1.180	1.349	1.273	1.058	0.837	0.693
5381	53.80	0.629	0.569	0.422	0.154	-0.173	-0.409	-0.394	-0.040	0.598	1.328
5391	53.90	1.891	2.074	1.810	1.210	0.518	-0.002	-0.188	-0.051	0.236	0.432
5401	54.00	0.348	-0.055	-0.639	-1.154	-1.355	-1.112	-0.472	0.364	1.130	1.604
5411	54.10	1.688	1.436	0.998	0.555	0.232	0.073	0.042	0.064	0.073	0.034
5421	54.20	-0.060	-0.202	-0.391	-0.627	-0.898	-1.158	-1.332	-1.335	-1.115	-0.694
5431	54.30	-0.179	0.269	0.488	0.387	-0.012	-0.577	-1.121	-1.469	-1.527	-1.312
5441	54.40	-0.927	-0.514	-0.182	0.024	0.131	0.207	0.310	0.461	0.627	0.752
5451	54.50	0.782	0.704	0.548	0.377	0.254	0.217	0.259	0.342	0.410	0.418
5461	54.60	0.343	0.195	-0.001	-0.207	-0.388	-0.511	-0.551	-0.487	-0.307	-0.020
5471	54.70	0.341	0.716	1.026	1.192	1.153	0.892	0.439	-0.121	-0.671	-1.085
5481	54.80	-1.260	-1.144	-0.752	-0.169	0.470	1.016	1.350	1.421	1.260	0.966
5491	54.90	0.672	0.486	0.453	0.534	0.628	0.619	0.435	0.087	-0.333	-0.688

Table 7-21-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1213 S601-DA-1-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = -46.168 (GAL) T= 13.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.859	-0.801	-0.572	-0.308	-0.163	-0.235	-0.519	-0.897	-1.191	-1.242
5511	55.10	-0.983	-0.476	0.107	0.556	0.710	0.527	0.095	-0.403	-0.771	-0.880
5521	55.20	-0.713	-0.360	0.035	0.348	0.523	0.589	0.625	0.702	0.832	0.957
5531	55.30	0.976	0.804	0.425	-0.082	-0.571	-0.889	-0.946	-0.756	-0.431	-0.132
5541	55.40	0.010	-0.051	-0.258	-0.490	-0.622	-0.594	-0.435	-0.242	-0.127	-0.149
5551	55.50	-0.279	-0.410	-0.411	-0.194	0.236	0.773	1.254	1.528	1.520	1.257
5561	55.60	0.856	0.464	0.201	0.113	0.164	0.269	0.336	0.306	0.176	-0.018
5571	55.70	-0.221	-0.393	-0.516	-0.597	-0.656	-0.705	-0.749	-0.785	-0.814	-0.849
5581	55.80	-0.912	-1.020	-1.180	-1.369	-1.543	-1.648	-1.633	-1.473	-1.173	-0.771
5591	55.90	-0.325	0.099	0.445	0.678	0.790	0.798	0.740	0.659	0.589	0.544
5601	56.00	0.519	0.494	0.450	0.387	0.325	0.296	0.327	0.417	0.526	0.587
5611	56.10	0.532	0.331	0.011	-0.341	-0.613	-0.708	-0.593	-0.314	0.021	0.291
5621	56.20	0.409	0.360	0.203	0.034	-0.054	-0.019	0.120	0.304	0.464	0.564
5631	56.30	0.612	0.647	0.714	0.829	0.971	1.089	1.134	1.084	0.955	0.793
5641	56.40	0.647	0.544	0.474	0.402	0.291	0.126	-0.075	-0.266	-0.398	-0.445
5651	56.50	-0.410	-0.328	-0.240	-0.176	-0.141	-0.115	-0.071	0.010	0.128	0.264
5661	56.60	0.393	0.491	0.544	0.486	0.367	0.184	-0.051	-0.310	-0.544	
5671	56.70	-0.705	-0.759	-0.709	-0.599	-0.497	-0.468	-0.546	-0.718	-0.926	-1.094
5681	56.80	-1.164	-1.112	-0.962	-0.768	-0.588	-0.461	-0.393	-0.366	-0.350	-0.325
5691	56.90	-0.290	-0.256	-0.236	-0.238	-0.256	-0.280	-0.302	-0.329	-0.373	-0.446
5701	57.00	-0.545	-0.641	-0.687	-0.633	-0.451	-0.156	0.199	0.533	0.770	0.867
5711	57.10	0.838	0.743	0.668	0.689	0.835	1.075	1.329	1.497	1.503	1.330
5721	57.20	1.028	0.694	0.436	0.324	0.359	0.474	0.564	0.537	0.356	0.064
5731	57.30	-0.239	-0.439	-0.468	-0.335	-0.129	0.026	0.027	-0.151	-0.445	-0.732
5741	57.40	-0.888	-0.850	-0.644	-0.375	-0.172	-0.121	-0.228	-0.416	-0.571	-0.605
5751	57.50	-0.697	-0.303	-0.117	-0.013	-0.005	-0.030	0.007	0.178	0.482	0.833
5761	57.60	1.099	1.162	0.980	0.611	0.187	-0.147	-0.300	-0.268	-0.123	0.032
5771	57.70	0.120	0.123	0.077	0.041	0.050	0.093	0.123	0.096	0.001	-0.118
5781	57.80	-0.195	-0.175	-0.064	0.068	0.115	-0.003	-0.294	-0.668	-0.982	-1.099
5791	57.90	-0.966	-0.638	-0.259	0.007	0.057	-0.107	-0.379	-0.617	-0.707	-0.629
5801	58.00	-0.451	-0.288	-0.235	-0.306	-0.435	-0.512	-0.447	-0.228	0.070	0.323
5811	58.10	0.422	0.327	0.088	-0.180	-0.357	-0.373	-0.236	-0.014	0.210	0.375
5821	58.20	0.471	0.526	0.572	0.616	0.632	0.577	0.432	0.225	0.028	-0.071
5831	58.30	-0.019	0.170	0.412	0.585	0.591	0.396	0.052	-0.330	-0.631	-0.775
5841	58.40	-0.756	-0.629	-0.472	-0.346	-0.273	-0.237	-0.213	-0.187	-0.170	-0.183
5851	58.50	-0.233	-0.294	-0.306	-0.205	0.040	0.601	0.795	1.117	1.286	1.286
5861	58.60	1.170	1.032	0.954	0.961	1.014	1.031	0.938	0.716	0.417	0.141
5871	58.70	-0.020	-0.033	0.055	0.135	0.095	-0.120	-0.477	-0.860	-1.126	-1.173
5881	58.80	-0.986	-0.642	-0.274	-0.005	0.104	0.074	-0.014	-0.069	-0.038	0.063
5891	58.90	0.169	0.202	0.116	-0.076	-0.310	-0.502	-0.591	-0.562	-0.452	-0.321
5901	59.00	-0.220	-0.169	-0.150	-0.127	-0.071	0.019	0.112	0.165	0.142	0.035
5911	59.10	-0.127	-0.295	-0.417	-0.460	-0.417	-0.310	-0.172	-0.037	0.072	0.148
5921	59.20	0.200	0.247	0.314	0.423	0.587	0.795	1.017	1.200	1.285	1.229
5931	59.30	1.021	0.698	0.329	-0.001	-0.228	-0.330	-0.329	-0.280	-0.235	-0.222
5941	59.40	-0.233	-0.231	-0.179	-0.063	0.098	0.258	0.372	0.420	0.411	0.374
5951	59.50	0.334	0.287	0.198	0.023	-0.256	-0.599	-0.907	-1.051	-0.933	-0.539
5961	59.60	0.036	0.608	0.981	1.017	0.705	0.162	-0.410	-0.813	-0.934	-0.780
5971	59.70	-0.473	-0.175	-0.019	-0.049	-0.212	-0.396	-0.496	-0.468	-0.349	-0.228
5981	59.80	-0.198	-0.305	-0.519	-0.752	-0.900	-0.889	-0.707	-0.403	-0.056	0.261
5991	59.90	0.506	0.677	0.794	0.874	0.917	0.904	0.818	0.658	0.454	0.254

Table 7-21-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1213 S601-0A-1-1 HD. (HB.) SHIJYUSHIDA DAM MAX. ACC. = -46.168 (GAL) T= 13.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.107	0.038	0.035	0.053	0.040	-0.043	-0.201	-0.407	-0.618	-0.793
6011	60.10	-0.906	-0.951	-0.934	-0.857	-0.718	-0.514	-0.254	0.029	0.284	0.451
6021	60.20	0.490	0.400	0.220	0.020	-0.135	-0.206	-0.200	-0.159	-0.133	-0.156
6031	60.30	-0.223	-0.298	-0.329	-0.284	-0.162	-0.003	0.141	0.227	0.244	0.217
6041	60.40	0.192	0.208	0.275	0.373	0.458	0.493	0.466	0.394	0.314	0.260
6051	60.50	0.243	0.246	0.234	0.178	0.073	-0.058	-0.179	-0.256	-0.284	-0.284
6061	60.60	-0.293	-0.337	-0.415	-0.492	-0.522	-0.473	-0.349	-0.197	-0.086	-0.069
6071	60.70	-0.157	-0.309	-0.454	-0.525	-0.497	-0.401	-0.306	-0.281	-0.352	-0.483
6081	60.80	-0.595	-0.607	-0.487	-0.273	-0.067	0.025	-0.055	-0.274	-0.508	-0.600
6091	60.90	-0.429	0.024	0.660	1.297	1.746	1.895	1.746	1.414	1.061	0.822
6101	61.00	0.745	0.780	0.819	0.764	0.579	0.316	0.080	-0.025	0.043	0.239
6111	61.10	0.455	0.567	0.505	0.281	-0.018	-0.273	-0.393	-0.360	-0.228	-0.094
6121	61.20	-0.043	-0.103	-0.235	-0.353	-0.371	-0.245	0.005	0.308	0.577	0.745
6131	61.30	0.791	0.735	0.616	0.471	0.317	0.153	-0.018	-0.180	-0.300	-0.342
6141	61.40	-0.292	-0.178	-0.067	-0.035	-0.135	-0.361	-0.641	-0.867	-0.936	-0.804
6151	61.50	-0.513	-0.178	0.061	0.098	-0.091	-0.432	-0.781	-0.983	-0.937	-0.631
6161	61.60	-0.152	0.352	0.726	0.864	0.742	0.414	-0.008	-0.403	-0.676	-0.783
6171	61.70	-0.738	-0.594	-0.422	-0.281	-0.199	-0.166	-0.140	-0.067	0.093	0.343
6181	61.80	0.636	0.885	0.990	0.880	0.547	0.060	-0.453	-0.846	-1.010	-0.913
6191	61.90	-0.611	-0.221	0.129	0.357	0.449	0.456	0.450	0.475	0.517	0.506
6201	62.00	0.358	0.028	-0.447	-0.949	-1.322	-1.435	-1.247	-0.825	-0.314	0.125
6211	62.10	0.388	0.467	0.443	0.436	0.530	0.735	0.976	1.139	1.134	0.946
6221	62.20	0.646	0.355	0.182	0.170	0.276	0.398	0.436	0.347	0.172	0.009
6231	62.30	-0.035	0.076	0.310	0.551	0.672	0.596	0.340	0.004	-0.271	-0.380
6241	62.40	-0.298	-0.088	0.136	0.272	0.287	0.227	0.192	0.269	0.483	0.771
6251	62.50	1.009	1.071	0.894	0.512	0.045	-0.360	-0.588	-0.613	-0.498	-0.361
6261	62.60	-0.310	-0.389	-0.567	-0.752	-0.850	-0.814	-0.668	-0.495	-0.393	-0.621
6271	62.70	-0.570	-0.768	-0.912	-0.927	-0.798	-0.580	-0.369	-0.252	-0.265	-0.375
6281	62.80	-0.496	-0.536	-0.442	-0.234	0.005	0.167	0.168	-0.006	-0.291	-0.569
6291	62.90	-0.718	-0.671	-0.437	-0.108	0.189	0.342	0.300	0.095	-0.180	-0.408
6301	63.00	-0.502	-0.433	-0.243	-0.011						

Table 7-22-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	4.175	1.875	0.248	-0.172	0.540	1.768	2.678	2.673	1.728	0.432
11	0.10	-0.299	0.263	2.205	4.807	6.794	6.930	4.672	0.553	-3.929	-6.904
21	0.20	-6.972	-3.875	1.318	6.637	10.058	10.389	7.764	3.519	-0.476	-2.692
31	0.30	-2.597	-0.790	1.420	2.724	2.447	0.772	-1.483	-3.388	-4.360	-4.338
41	0.40	-3.592	-2.364	-0.632	1.825	5.057	8.555	11.138	11.335	8.142	1.788
51	0.50	-5.969	-12.297	-14.424	-10.956	-2.757	7.151	16.701	16.512	11.447	1.261
61	0.60	-10.005	-17.687	-18.486	-11.919	-0.574	10.911	17.907	17.434	9.614	-2.557
71	0.70	-14.426	-21.545	-21.374	-14.165	-2.733	8.737	16.317	17.767	13.233	4.988
81	0.80	-3.606	-9.486	-11.054	-8.668	-4.294	-0.501	0.754	-1.004	-4.614	-7.903
91	0.90	-8.787	-6.299	-1.067	5.109	10.002	12.201	11.611	9.309	6.732	4.704
101	1.00	2.914	0.189	-4.544	-11.175	-17.915	-21.822	-20.235	-12.386	-0.298	11.699
111	1.10	18.760	17.866	9.391	-2.646	-12.503	-15.375	-9.839	1.317	12.378	17.522
121	1.20	13.782	2.621	-10.216	-19.793	-20.206	-11.702	1.374	13.007	17.902	14.464
131	1.30	5.368	-4.021	-8.585	-6.153	1.459	9.570	13.280	10.156	1.533	-8.253
141	1.40	-14.234	-13.456	-6.473	3.069	10.481	12.516	8.945	2.386	-3.415	-5.814
151	1.50	-4.706	-2.362	-1.803	-4.692	-10.038	-14.526	-14.358	-7.608	4.272	16.731
161	1.60	24.162	22.722	12.463	-2.406	-15.339	-20.526	-15.701	-3.289	10.691	19.448
171	1.70	18.603	8.221	-7.266	-21.127	-27.389	-23.431	-10.971	4.903	18.071	23.960
181	1.80	21.224	11.897	0.156	-9.594	-14.404	-13.586	-8.486	-1.550	4.747	8.656
191	1.90	9.405	7.070	2.326	-3.715	-9.580	-13.567	-14.091	-10.274	-2.528	7.188
201	2.00	15.762	19.963	17.786	9.511	-2.086	-12.630	-17.867	-15.530	-6.470	5.527
211	2.10	15.269	18.424	13.505	2.634	-9.328	-16.959	-16.781	-8.920	2.903	13.075
221	2.20	16.734	12.085	1.292	-10.527	-17.725	-16.828	-8.192	4.169	14.513	18.105
231	2.30	13.429	2.819	-8.770	-16.185	-16.489	-10.184	-0.707	7.462	11.051	9.451
241	2.40	4.704	0.116	-1.663	-0.053	3.297	5.611	4.683	0.208	-5.995	-10.958
251	2.50	-12.180	-8.971	-2.802	3.508	7.291	7.372	4.534	0.899	-1.393	-1.404
261	2.60	0.140	1.412	0.689	-2.498	-6.969	-10.469	-10.906	-7.534	-1.426	5.042
271	2.70	9.394	10.294	8.126	4.647	1.935	1.244	2.426	4.195	5.029	4.154
281	2.80	1.999	-0.124	-0.910	0.059	1.985	3.330	2.809	0.305	-2.875	-4.642
291	2.90	-3.330	1.182	7.133	11.585	11.889	7.135	-1.169	-9.643	-14.558	-13.620
301	3.00	-7.115	2.178	10.254	13.714	11.265	4.185	-4.411	-11.086	-13.590	-11.663
311	3.10	-6.832	-1.428	2.593	4.423	4.457	3.728	3.145	2.978	2.842	2.106
321	3.20	0.424	-1.950	-4.223	-5.452	-4.994	-2.801	0.564	4.138	6.851	7.776
331	3.30	6.315	2.366	-3.514	-10.016	-15.224	-17.114	-14.352	-7.093	2.668	11.551
341	3.40	16.044	14.109	6.354	-3.898	-11.909	-13.707	-8.140	2.274	12.313	16.497
351	3.50	11.921	-0.003	-13.880	-22.771	-21.622	-9.995	7.372	22.595	28.383	21.672
361	3.60	5.284	-13.291	-25.483	-25.830	-14.669	2.074	15.907	20.082	12.996	-1.087
371	3.70	-14.351	-19.574	-13.926	-0.428	13.701	20.935	17.495	5.402	-8.578	-16.571
381	3.80	-13.878	-1.602	13.802	23.889	22.747	10.277	-7.540	-21.610	-24.431	-14.100
391	3.90	4.499	21.998	29.228	21.889	2.832	-19.256	-34.106	-34.924	-21.692	-1.056
401	4.00	17.102	24.642	19.153	4.944	-9.408	-15.644	-10.145	4.219	19.645	27.520
411	4.10	22.956	7.412	-11.961	-25.881	-27.599	-16.285	2.569	19.890	27.515	22.142
421	4.20	6.806	-10.815	-22.320	-22.728	-12.755	1.822	13.313	16.069	9.231	-3.069
431	4.30	-14.071	-17.978	-12.912	-1.725	9.660	15.432	12.890	3.713	-7.096	-13.945
441	4.40	-13.579	-6.658	2.795	9.695	10.652	5.706	-1.862	-7.482	-7.885	-2.908
451	4.50	4.452	9.760	9.659	3.802	-4.868	-11.638	-12.550	-6.556	3.846	13.825
461	4.60	18.662	16.120	7.528	-2.968	-10.562	-12.199	-7.996	-0.984	4.639	5.757
471	4.70	1.923	-4.531	-9.832	-10.812	-6.549	1.204	8.961	13.268	12.337	6.759
481	4.80	-0.969	-7.755	-11.322	-11.020	-7.747	-3.190	1.096	4.268	6.212	7.155
491	4.90	7.257	6.469	4.729	2.272	-0.269	-2.102	-2.772	-2.539	-2.320	-3.130

Table 7-22-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-5.301	-7.997	-9.443	-7.878	-2.788	4.338	10.299	11.607	6.407	-4.093
511	5.10	-15.621	-22.498	-20.346	-8.521	9.004	24.995	32.083	26.270	9.100	-12.680
521	5.20	-29.951	-35.305	-26.461	-7.367	13.708	27.817	29.592	19.442	3.066	-11.556
531	5.30	-18.106	-14.846	-5.093	6.872	9.277	5.883	-3.003	-11.980	-15.608	-11.404
541	5.40	-1.173	9.996	16.495	15.204	7.125	-3.223	-10.281	-10.461	-4.055	4.974
551	5.50	11.190	10.680	3.244	-7.409	-15.555	-16.455	-8.874	4.175	16.848	23.310
561	5.60	20.542	9.725	-4.423	-15.952	-20.423	-16.745	-7.311	3.466	11.337	14.021
571	5.70	11.801	6.855	1.845	-1.374	-2.331	-1.658	-0.342	0.945	2.050	3.067
581	5.80	3.925	4.219	3.443	1.469	-1.135	-3.233	-3.740	-2.350	0.105	1.981
591	5.90	1.738	-1.052	-5.257	-8.635	-9.043	-5.748	-0.047	5.246	7.277	4.809
601	6.00	-0.887	-6.521	-8.477	-4.856	3.268	12.179	17.347	15.855	8.109	-2.176
611	6.10	-9.800	-10.817	-4.744	5.010	12.802	13.704	6.213	-6.750	-19.153	-24.853
621	6.20	-20.767	-8.565	6.158	16.469	17.741	9.880	-2.642	-13.088	-15.906	-9.540
631	6.30	2.794	14.750	20.055	15.644	3.178	-11.776	-22.430	-23.987	-15.821	-1.655
641	6.40	12.255	19.964	18.382	8.397	-5.755	-18.447	-24.957	-23.146	-13.952	-0.711
651	6.50	12.239	21.045	23.429	19.160	9.919	-1.298	-11.048	-16.413	-15.869	-9.804
661	6.60	-0.457	8.806	14.712	15.365	11.050	4.132	-1.979	-4.406	-2.188	3.195
671	6.70	8.482	10.203	6.439	-2.098	-12.234	-19.712	-21.153	-15.670	-5.343	5.674
681	6.80	13.001	13.951	8.633	-0.248	-8.733	-13.423	-12.875	-7.986	-1.278	4.464
691	6.90	7.469	7.568	5.891	3.963	2.760	2.262	1.691	0.233	-2.243	-4.941
701	7.00	-6.515	-5.877	-2.927	1.239	4.812	6.210	4.958	1.992	-0.817	-1.698
711	7.10	0.002	3.383	6.444	7.198	4.857	0.400	-3.851	-5.480	-3.392	1.399
721	7.20	6.143	7.770	4.656	-2.238	-9.564	-13.153	-10.232	-1.143	10.428	18.992
731	7.30	19.901	11.823	-2.263	-14.190	-23.397	-20.109	-7.297	9.590	23.095	27.245
741	7.40	20.385	5.929	-9.342	-18.590	-18.204	-9.421	2.476	10.938	11.461	3.756
751	7.50	-8.279	-18.680	-22.487	-18.155	-8.125	2.655	9.369	9.731	4.896	-1.461
761	7.60	-5.304	-4.409	0.625	6.953	11.226	11.461	7.990	3.046	-0.688	-1.642
771	7.70	-0.143	2.005	2.803	1.392	-1.404	-3.634	-3.528	-0.727	3.343	6.229
781	7.80	5.927	2.187	-3.160	-7.111	-7.185	-2.933	3.622	8.939	9.845	5.325
791	7.90	-2.776	-10.601	-14.238	-11.781	-4.371	4.365	10.184	10.417	5.310	-2.184
801	8.00	-8.033	-9.282	-5.566	0.810	6.225	7.763	4.762	-0.918	-6.036	-7.837
811	8.10	-5.598	-0.972	3.005	3.704	0.440	-5.094	-9.746	-10.665	-6.915	-0.053
821	8.20	6.664	10.005	8.488	3.155	-3.001	-6.664	-5.973	-1.506	4.065	7.426
831	8.30	6.438	1.303	-5.507	-10.523	-11.082	-6.705	0.633	7.502	10.726	8.958
841	8.40	3.316	-3.201	-7.222	-6.664	-1.738	5.163	10.625	11.856	8.028	0.713
851	8.50	-6.791	-10.924	-9.481	-2.658	6.911	15.187	18.393	14.660	4.935	-7.238
861	8.60	-17.062	-20.426	-15.682	-4.486	8.725	18.486	20.591	13.965	1.266	-12.249
871	8.70	-20.782	-20.731	-12.227	0.881	12.775	18.351	15.583	6.417	-4.247	-11.028
881	8.80	-10.786	-4.226	4.429	9.590	7.235	-2.854	-16.688	-27.783	-30.197	-21.440
891	8.90	-3.842	16.304	31.451	36.094	29.105	14.079	-2.436	-13.921	-16.678	-11.172
901	9.00	-1.413	7.210	10.528	7.390	-0.109	-7.960	-12.387	-11.710	-7.057	-1.633
911	9.10	1.039	-1.006	-7.115	-14.292	-18.686	-17.580	-10.887	-1.379	6.525	8.923
921	9.20	4.504	-4.522	-13.191	-16.046	-9.857	4.531	22.238	36.434	41.551	36.052
931	9.30	23.254	9.614	1.222	0.287	3.637	4.299	-4.341	-23.901	-48.532	-66.436
941	9.40	-65.218	-38.714	8.213	59.877	95.832	99.150	66.776	10.566	-46.098	-78.824
951	9.50	-73.812	-35.003	17.094	54.883	57.209	20.377	-39.008	-91.242	-107.660	-74.993
961	9.60	-2.840	79.713	137.047	143.504	95.541	13.624	-67.105	-112.961	-106.969	-56.046
971	9.70	13.073	66.929	80.980	50.374	-8.921	-68.608	-101.619	-94.090	-50.397	10.444
981	9.80	64.454	93.356	91.236	64.753	27.852	-5.603	-27.412	-36.559	-36.887	-33.098
991	9.90	-27.739	-20.709	-11.015	0.898	12.111	18.336	16.478	6.967	-5.799	-15.377

Table 7-22-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-16.613	-8.484	5.243	18.001	24.010	21.459	13.463	6.222	5.369	12.579
1011	10.10	24.341	33.693	33.992	22.693	3.024	-17.444	-30.639	-32.199	-23.772	-12.064
1021	10.20	-5.072	-7.462	-17.668	-28.301	-30.252	-17.881	6.895	34.382	51.201	46.988
1031	10.30	20.439	-16.600	-52.571	-64.080	-44.691	-0.288	50.095	82.142	77.604	33.911
1041	10.40	-32.879	-93.893	-119.999	-95.618	-27.231	57.926	123.091	138.408	95.087	10.413
1051	10.50	-79.191	-134.282	-130.400	-69.506	20.710	99.526	132.020	105.155	33.471	-48.254
1061	10.60	-101.764	-103.363	-54.590	19.398	82.604	105.611	79.103	17.162	-50.724	-94.442
1071	10.70	-97.251	-62.289	-9.026	37.717	60.077	54.521	31.130	6.078	-7.950	-8.054
1081	10.80	-1.058	2.195	-5.624	-23.506	-42.689	-52.043	-44.876	-23.095	3.684	23.489
1091	10.90	28.612	19.675	4.846	-5.257	-3.936	7.620	21.062	25.853	15.639	-7.612
1101	11.00	-34.049	-50.760	-48.351	-25.799	8.937	42.712	63.277	64.493	48.217	22.348
1111	11.10	-3.484	-22.098	-30.792	-30.748	-24.831	-15.578	-4.580	6.715	15.912	19.640
1121	11.20	15.083	2.294	-14.382	-27.244	-28.649	-15.408	8.373	32.044	43.031	33.360
1131	11.30	4.710	-31.028	-56.596	-57.677	-30.632	14.502	57.772	78.493	65.571	23.739
1141	11.40	-27.764	-63.908	-66.053	-31.632	23.652	72.643	89.612	63.092	2.323	-66.178
1151	11.50	-110.645	-109.140	-60.473	14.489	82.009	111.031	87.775	22.408	-55.497	-110.628
1161	11.60	-118.292	-75.722	-2.996	66.726	102.898	91.648	41.586	-21.177	-66.075	-72.692
1171	11.70	-39.880	14.745	64.220	85.579	70.445	27.930	-21.066	-54.755	-60.820	-41.193
1181	11.80	-9.382	17.585	27.993	20.454	2.938	-12.956	-18.855	-13.701	-3.119	5.037
1191	11.90	5.896	0.316	-6.372	-8.556	-4.613	1.624	3.265	-4.776	-21.571	-39.447
1201	12.00	-47.614	-38.313	-11.993	21.683	47.986	54.459	37.550	4.871	-28.332	-46.711
1211	12.10	-42.394	-18.566	12.758	37.421	46.466	40.115	26.348	15.207	12.370	15.886
1221	12.20	17.973	10.727	-7.881	-31.563	-48.634	-48.827	-30.028	-0.723	23.785	29.703
1231	12.30	13.092	-16.697	-41.007	-41.683	-11.696	39.333	88.241	109.130	86.700	25.230
1241	12.40	-51.768	-111.623	-127.680	-92.194	-20.460	56.017	104.139	104.518	60.095	-5.998
1251	12.50	-62.050	-83.011	-61.679	-11.926	40.906	71.240	66.392	31.555	-14.075	-47.722
1261	12.60	-54.423	-33.652	1.771	33.357	46.816	38.890	17.835	-2.233	-9.696	-1.839
1271	12.70	14.104	25.610	22.432	2.810	-25.182	-47.876	-53.540	-39.030	-11.876	13.461
1281	12.80	23.273	12.155	-13.655	-39.095	-47.940	-31.440	6.576	50.872	81.812	84.778
1291	12.90	57.283	10.251	-37.143	-66.450	-68.255	-45.793	-12.350	15.921	27.889	22.068
1301	13.00	5.913	-9.347	-15.180	-9.947	1.265	10.650	12.845	8.061	1.367	-1.285
1311	13.10	2.349	8.653	10.022	-0.118	-22.128	-48.139	-64.925	-60.577	-31.533	14.050
1321	13.20	58.865	84.149	78.807	45.245	-1.286	-39.765	-53.484	-38.081	-3.448	31.432
1331	13.30	48.049	37.473	4.453	-35.366	-63.448	-67.366	-46.276	-10.431	24.579	45.496
1341	13.40	47.013	32.775	11.893	-6.564	-17.887	-22.683	-24.523	-26.211	-27.268	-24.201
1351	13.50	-13.258	6.220	30.121	50.777	60.488	55.348	37.165	12.391	-11.267	-28.536
1361	13.60	-38.453	-43.455	-46.471	-48.020	-45.303	-34.045	-12.042	17.811	47.133	65.039
1371	13.70	63.241	40.705	5.242	-29.094	-47.852	-42.622	-15.052	23.471	56.358	68.565
1381	13.80	52.666	11.805	-41.430	-89.527	-116.087	-111.235	-74.775	-16.349	47.305	97.213
1391	13.90	117.931	102.695	56.309	-5.564	-61.075	-89.803	-80.753	-37.475	22.303	73.142
1401	14.00	92.302	69.819	13.615	-53.137	-101.731	-110.640	-75.412	-11.012	54.754	93.804
1411	14.10	90.498	48.485	-11.497	-61.672	-80.142	-60.408	-13.130	40.239	78.281	89.248
1421	14.20	74.865	47.027	19.934	2.408	-5.412	-9.633	-16.566	-27.230	-36.070	-34.808
1431	14.30	-18.984	7.119	30.811	37.147	17.856	-22.124	-64.839	-87.125	-72.581	-21.521
1441	14.40	46.830	101.914	116.134	78.958	3.534	-78.076	-129.316	-126.454	-70.329	13.474
1451	14.50	86.414	115.202	87.667	18.537	-57.665	-103.191	-95.068	-35.926	47.401	116.623
1461	14.60	139.822	105.917	29.166	-57.950	-119.672	-132.578	-94.811	-25.284	45.997	91.463
1471	14.70	97.115	66.682	17.832	-26.960	-50.307	-46.258	-20.982	11.632	36.792	44.853
1481	14.80	34.301	11.056	-14.921	-33.925	-39.946	-32.212	-14.714	5.752	22.119	29.314
1491	14.90	25.605	12.760	-4.915	-22.227	-34.815	-40.293	-38.459	-30.635	-18.633	-4.005

Table 7-22-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	12.004	27.839	40.950	47.768	44.756	30.263	6.243	-21.321	-43.935	-53.754
1511	15.10	-47.046	-26.262	0.519	22.782	32.048	25.537	7.235	-14.179	-29.488	-33.097
1521	15.20	-25.141	-10.626	3.733	13.100	16.563	16.627	16.717	18.382	20.042	18.127
1531	15.30	9.894	-3.889	-18.270	-26.189	-22.346	-6.691	14.639	31.804	36.105	24.659
1541	15.40	2.279	-20.673	-33.494	-30.711	-14.962	4.468	16.755	15.546	2.527	-13.515
1551	15.50	-21.712	-15.493	3.292	24.967	37.213	32.115	11.131	-14.966	-31.469	-27.789
1561	15.60	-3.865	28.830	52.249	51.040	20.838	-28.433	-76.363	-101.326	-90.743	-47.278
1571	15.70	12.174	64.232	89.735	82.199	49.985	11.368	-14.834	-18.288	-1.435	22.824
1581	15.80	38.517	35.084	12.617	-18.625	-43.892	-51.658	-39.355	-14.303	10.415	22.791
1591	15.90	17.852	-0.229	-20.766	-32.364	-28.826	-12.163	8.668	22.502	21.671	5.829
1601	16.00	-17.912	-38.469	-46.068	-36.789	-14.260	12.117	31.450	36.108	24.843	3.043
1611	16.10	-19.804	-34.197	-34.476	-20.914	0.672	21.472	33.292	31.773	18.008	-2.005
1621	16.20	-19.827	-27.984	-22.986	-6.765	14.098	31.085	37.333	30.597	14.276	-4.047
1631	16.30	-15.976	-16.150	-4.785	12.315	26.409	29.942	20.248	1.007	-19.318	-31.387
1641	16.40	-29.410	-13.955	8.256	27.495	35.598	29.738	13.572	-4.768	-16.782	-17.737
1651	16.50	-8.784	3.937	12.650	11.979	1.609	-13.731	-26.816	-31.616	-26.181	-13.313
1661	16.60	1.183	11.588	15.006	12.336	7.124	3.121	2.020	2.695	2.303	-1.476
1671	16.70	-8.465	-15.539	-18.095	-12.690	0.595	17.482	31.023	34.723	25.705	6.337
1681	16.80	-16.569	-34.639	-41.540	-35.582	-20.144	-1.817	12.722	19.539	18.658	13.258
1691	16.90	7.474	4.094	3.371	3.478	2.184	-1.336	-5.691	-7.967	-5.564	1.892
1701	17.00	11.762	19.310	20.012	12.101	-2.056	-16.628	-24.898	-22.597	-10.307	6.386
1711	17.10	19.256	21.343	10.522	-9.074	-28.650	-38.756	-33.877	-15.336	9.010	28.315
1721	17.20	33.921	23.658	3.106	-16.981	-25.941	-18.627	1.726	24.778	38.033	33.149
1731	17.30	10.473	-20.553	-45.527	-51.901	-35.222	-1.700	34.295	56.728	55.377	30.686
1741	17.40	-6.339	-39.207	-53.588	-43.884	-15.637	17.323	39.546	41.218	22.577	-6.539
1751	17.50	-31.618	-40.445	-28.743	-1.933	27.676	46.738	46.940	28.501	-0.344	-27.391
1761	17.60	-42.000	-39.547	-22.902	-0.543	17.581	24.436	18.605	4.304	-11.009	-20.186
1771	17.70	-19.435	-9.641	4.455	16.637	22.016	19.015	9.765	-1.136	-8.835	-10.403
1781	17.80	-6.007	1.384	7.572	9.228	5.515	-1.514	-7.941	-9.951	-5.785	3.262
1791	17.90	13.339	19.813	19.490	12.199	0.949	-9.451	-14.640	-12.735	-5.159	4.131
1801	18.00	10.598	11.281	6.092	-2.329	-10.056	-13.813	-12.436	-7.161	-0.748	4.021
1811	18.10	5.608	4.161	1.018	-2.284	-4.853	-6.673	-8.178	-9.564	-10.371	-9.654
1821	18.20	-6.672	-1.615	4.129	8.455	9.555	6.938	1.836	-3.278	-5.870	-4.612
1831	18.30	-0.069	5.573	9.596	10.098	6.890	1.509	-3.633	-6.489	-6.359	-4.125
1841	18.40	-1.677	-0.854	-2.474	-5.901	-9.352	-10.738	-8.632	-2.953	4.915	12.573
1851	18.50	17.428	17.597	12.595	3.589	-6.876	-15.632	-19.925	-18.397	-11.635	-2.013
1861	18.60	7.187	13.080	14.350	11.736	7.567	4.518	4.201	6.330	8.931	9.527
1871	18.70	6.672	0.958	-5.131	-8.534	-7.398	-2.326	3.713	6.896	4.715	-2.386
1881	18.80	-10.945	-16.167	-14.557	-6.092	5.387	13.927	14.600	6.347	-7.051	-18.613
1891	18.90	-21.685	-13.595	2.575	19.186	27.760	23.402	7.590	-12.234	-26.223	-27.116
1901	19.00	-14.104	6.496	24.238	29.784	19.740	-1.412	-23.361	-35.051	-30.252	-10.816
1911	19.10	14.091	32.432	35.226	21.000	-3.465	-26.463	-37.095	-30.566	-10.405	13.384
1921	19.20	29.338	30.129	16.020	-5.465	-23.405	-28.873	-19.205	0.899	21.853	33.915
1931	19.30	31.778	16.851	-3.758	-20.886	-27.674	-22.532	-9.379	4.743	13.324	13.443
1941	19.40	6.774	-1.773	-6.904	-5.745	0.826	8.869	13.637	12.116	4.579	-5.616
1951	19.50	-13.770	-16.190	-11.956	-3.267	5.725	10.940	10.247	4.324	-3.827	-10.387
1961	19.60	-12.477	-9.383	-2.738	4.315	8.542	7.991	2.775	-4.997	-12.051	-15.218
1971	19.70	-12.671	-4.712	6.185	16.140	21.235	19.053	9.807	-3.444	-15.737	-22.066
1981	19.80	-19.508	-8.678	6.192	18.799	23.391	17.379	2.735	-14.600	-27.153	-29.199
1991	19.90	-19.397	-1.512	17.172	29.080	29.711	19.566	3.740	-10.613	-17.673	-15.548

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TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-6.844	2.997	8.660	7.666	1.455	-5.655	-9.005	-6.226	1.435	9.811
2011	20.10	14.113	11.602	3.184	-6.943	-13.418	-12.524	-4.204	7.766	17.565	20.178
2021	20.20	13.891	1.190	-12.361	-20.711	-20.104	-10.737	3.429	16.545	23.492	21.994
2031	20.30	13.340	1.491	-8.846	-14.239	-13.736	-8.839	-2.450	2.587	4.624	3.596
2041	20.40	0.631	-2.744	-5.330	-6.579	-6.484	-5.239	-3.002	0.086	3.646	6.839
2051	20.50	8.433	7.266	2.939	-3.651	-10.309	-14.239	-13.236	-6.860	3.033	12.760
2061	20.60	18.218	16.660	8.046	-4.721	-16.870	-23.735	-22.746	-14.529	-2.571	8.398
2071	20.70	14.537	14.526	9.915	4.072	0.314	0.197	2.862	5.734	6.150	2.988
2081	20.80	-2.633	-7.966	-10.238	-8.291	-3.335	1.693	3.822	1.848	-2.816	-6.817
2091	20.90	-6.766	-1.346	7.596	15.700	18.273	12.907	1.103	-12.072	-20.272	-19.031
2101	21.00	-8.175	7.800	21.690	26.963	20.918	6.026	-11.216	-23.348	-25.409	-17.104
2111	21.10	-2.672	11.363	19.355	19.002	11.982	2.617	-4.560	-6.993	-4.957	-0.809
2121	21.20	2.727	4.174	3.891	3.415	4.114	6.060	7.871	7.634	4.295	-1.375
2131	21.30	-6.933	-9.519	-7.533	-1.742	4.911	8.778	7.490	1.353	-6.687	-12.555
2141	21.40	-13.262	-8.603	-1.378	4.075	4.263	-1.424	-10.196	-17.195	-18.058	-11.350
2151	21.50	0.448	11.987	17.680	14.561	3.903	-9.286	-18.687	-19.798	-12.180	0.325
2161	21.60	11.545	16.088	12.050	1.939	-8.640	-13.873	-10.711	-0.441	11.944	20.229
2171	21.70	20.060	11.090	-2.878	-15.756	-22.110	-19.682	-10.295	1.225	9.511	11.207
2181	21.80	6.384	-1.809	-8.955	-11.641	-9.025	-2.971	3.201	6.577	6.110	2.938
2191	21.90	-0.519	-2.097	-1.156	1.120	2.535	1.304	-2.734	-7.842	-11.219	-10.512
2201	22.00	-5.177	3.059	10.936	15.219	14.298	8.983	2.078	-3.041	-4.114	-1.091
2211	22.10	3.935	7.882	8.325	4.755	-1.173	-6.525	-8.627	-6.449	-1.127	4.635
2221	22.20	7.964	7.278	3.087	-2.290	-5.900	-5.654	-1.367	5.145	10.936	13.341
2231	22.30	11.205	5.383	-1.711	-7.236	-9.172	-7.109	-2.262	3.235	7.340	8.931
2241	22.40	8.097	5.818	3.300	1.328	-0.029	-1.255	-2.917	-5.180	-7.604	-9.324
2251	22.50	-9.512	-7.879	-4.915	-1.735	0.402	0.682	-0.865	-3.357	-5.456	-5.984
2261	22.60	-4.473	-1.396	2.031	4.389	4.687	2.810	-0.422	-3.589	-5.263	-4.601
2271	22.70	-1.681	2.528	6.549	8.958	8.895	6.347	2.106	-2.550	-6.313	-8.276
2281	22.80	-8.179	-6.414	-3.822	-1.350	0.277	0.774	0.330	-0.540	-1.258	-1.446
2291	22.90	-1.070	-0.424	0.070	0.121	-0.224	-0.556	-0.293	0.995	3.268	5.906
2301	23.00	7.885	8.204	6.386	2.815	-1.311	-4.402	-5.158	-3.177	0.784	5.061
2311	23.10	7.766	7.612	4.506	-0.360	-4.994	-7.449	-6.646	-2.836	2.532	7.432
2321	23.20	10.103	9.725	6.654	2.159	-2.180	-5.110	-6.095	-5.337	-3.493	-1.283
2331	23.30	0.796	2.523	3.829	4.613	4.673	3.804	2.012	-0.317	-2.436	-3.486
2341	23.40	-2.893	-0.699	2.350	5.059	6.282	5.437	2.802	-0.585	-3.375	-4.505
2351	23.50	-3.669	-1.423	1.098	2.729	2.798	1.386	-0.794	-2.805	-3.953	-4.074
2361	23.60	-3.493	-2.733	-2.149	-1.730	-1.179	-0.225	1.059	2.147	2.287	0.962
2371	23.70	-1.679	-4.695	-6.694	-6.510	-3.890	0.207	3.925	5.356	3.534	-0.948
2381	23.80	-6.069	-9.254	-8.628	-4.019	2.828	8.976	11.659	9.629	3.803	-3.139
2391	23.90	-8.017	-8.681	-5.034	0.957	6.257	8.266	6.075	0.848	-4.820	-8.218
2401	24.00	-7.817	-3.920	1.630	6.444	8.745	8.088	5.337	2.018	-0.539	-1.758
2411	24.10	-1.860	-1.436	-0.933	-0.401	0.366	1.423	2.365	2.395	0.810	-2.389
2421	24.20	-6.175	-8.758	-8.417	-4.479	2.088	8.887	13.091	12.771	7.883	0.372
2431	24.30	-6.701	-10.595	-10.158	-6.305	-1.452	1.755	1.769	-1.167	-5.264	-8.195
2441	24.40	-8.290	-5.300	-0.390	4.539	7.781	8.492	6.827	3.601	-0.215	-3.818
2451	24.50	-6.601	-8.012	-7.506	-4.777	-0.166	5.057	8.879	9.304	5.403	-1.923
2461	24.60	-9.978	-15.297	-15.251	-9.463	-0.226	8.411	12.534	10.316	3.003	-5.640
2471	24.70	-11.196	-10.844	-4.808	3.765	10.467	11.956	7.705	0.240	-6.254	-8.216
2481	24.80	-4.613	2.536	9.311	12.054	9.352	2.754	-4.153	-7.768	-6.460	-1.412
2491	24.90	4.129	6.749	4.813	-0.616	-6.412	-9.186	-7.215	-1.421	5.160	9.084

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TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	8.429	3.824	-1.961	-5.643	-5.300	-1.451	3.294	5.786	4.205	-0.839
2511	25.10	-6.596	-9.712	-8.140	-2.339	4.907	9.973	10.358	6.036	-0.546	-5.819
2521	25.20	-7.043	-3.790	1.863	6.503	7.289	3.518	-2.969	-8.769	-10.748	-7.712
2531	25.30	-1.058	5.952	9.871	8.815	3.381	-3.712	-9.034	-10.139	-6.702	-0.543
2541	25.40	5.377	8.442	7.575	3.587	-1.407	-5.122	-6.184	-4.630	-1.664	1.116
2551	25.50	2.563	2.472	1.511	0.715	0.851	2.004	3.571	4.619	4.389	2.687
2561	25.60	-0.032	-2.877	-4.918	-5.559	-4.733	-2.873	-0.686	1.127	2.107	2.143
2571	25.70	1.444	0.418	-0.488	-0.927	-0.738	0.030	1.151	2.289	3.093	3.295
2581	25.80	2.791	1.684	0.277	-1.014	-1.791	-1.824	-1.161	-0.133	0.761	1.061
2591	25.90	0.577	-0.493	-1.606	-2.114	-1.572	-0.003	2.070	3.833	4.573	4.052
2601	26.00	2.650	1.189	0.501	0.954	2.225	3.450	3.709	2.587	0.482	-1.557
2611	26.10	-2.408	-1.572	0.426	2.216	2.311	0.027	-3.928	-7.608	-8.732	-5.936
2621	26.20	0.291	7.557	12.545	12.602	7.173	-1.722	-10.272	-14.636	-12.818	-5.717
2631	26.30	3.231	9.689	10.536	5.402	-3.155	-10.943	-14.227	-11.571	-4.472	3.497
2641	26.40	8.570	8.708	4.536	-1.141	-4.952	-4.818	-1.035	3.965	7.025	6.061
2651	26.50	1.259	-4.976	-9.283	-9.136	-4.215	3.376	10.146	12.955	10.563	4.191
2661	26.60	-3.133	-8.096	-8.681	-5.033	0.768	5.833	7.886	6.258	2.029	-2.670
2671	26.70	-5.771	-6.204	-4.266	-1.292	1.091	1.737	0.424	-2.173	-4.882	-6.567
2681	26.80	-5.557	-4.838	-2.004	0.969	3.025	3.362	1.713	-1.491	-5.147	-7.784
2691	26.90	-8.074	-5.423	-0.354	5.525	10.055	11.401	8.892	3.438	-2.752	-7.066
2701	27.00	-7.640	-4.230	1.636	7.317	10.258	9.168	4.618	-1.245	-5.720	-6.831
2711	27.10	-4.245	0.607	5.264	7.439	6.123	2.042	-2.739	-5.848	-5.774	-2.582
2721	27.20	2.140	6.079	7.324	5.284	0.950	-3.600	-6.201	-5.624	-2.117	2.747
2731	27.30	6.846	8.504	7.225	3.842	0.035	-2.525	-2.965	-1.555	0.531	1.896
2741	27.40	1.671	-0.040	-2.243	-3.612	-3.212	-1.017	2.043	4.532	5.221	3.692
2751	27.50	0.541	-2.924	-5.325	-5.857	-4.632	-2.546	-0.789	-0.240	-1.083	-2.790
2761	27.60	-4.460	-5.290	-4.921	-3.502	-1.483	0.678	2.707	4.478	5.821	6.352
2771	27.70	5.511	2.857	-1.504	-6.649	-10.944	-12.609	-10.519	-4.882	2.607	9.289
2781	27.80	12.594	11.153	5.477	-2.180	-8.735	-11.585	-9.721	-4.131	2.692	7.897
2791	27.90	9.552	7.448	3.084	-1.132	-3.063	-1.841	1.777	5.831	8.131	7.295
2801	28.00	3.379	-2.177	-7.235	-9.920	-9.430	-6.322	-2.187	1.109	2.255	1.032
2811	28.10	-1.674	-4.351	-5.585	-4.715	-2.109	1.031	3.252	3.532	1.758	-1.210
2821	28.20	-3.932	-5.055	-3.955	-1.053	2.339	4.602	4.554	2.030	-1.985	-5.752
2831	28.30	-7.525	-6.340	-2.473	2.636	6.974	8.804	7.394	3.311	-1.839	-6.095
2841	28.40	-7.939	-6.857	-3.464	0.844	4.498	6.358	6.058	4.007	1.114	-1.599
2851	28.50	-3.332	-3.678	-2.643	-0.578	1.917	4.106	5.253	4.816	2.672	-0.731
2861	28.60	-4.391	-7.025	-7.527	-5.469	-1.384	3.321	6.862	7.795	5.666	1.276
2871	28.70	-3.589	-6.870	-7.096	-4.026	1.240	6.718	10.377	10.980	8.565	4.360
2881	28.80	0.196	-2.304	-2.401	-0.483	2.209	4.206	4.491	2.934	0.295	-2.178
2891	28.90	-3.347	-2.694	-0.536	2.144	4.162	4.650	3.422	1.026	-1.524	-3.196
2901	29.00	-3.384	-2.136	-0.098	1.795	2.735	2.386	0.991	-0.777	-2.160	-2.674
2911	29.10	-2.331	-1.596	-1.118	-1.358	-2.311	-3.465	-4.041	-3.417	-1.510	1.074
2921	29.20	3.242	3.897	2.504	-0.565	-4.078	-6.430	-6.365	-3.602	0.922	5.381
2931	29.30	7.809	6.989	3.042	-2.549	-7.532	-9.845	-8.523	-4.127	1.492	6.009
2941	29.40	7.642	5.925	1.884	-2.449	-4.963	-4.401	-0.902	4.088	8.468	10.389
2951	29.50	9.025	4.884	-0.446	-4.962	-7.048	-6.065	-2.543	2.083	6.035	7.843
2961	29.60	6.847	3.398	-1.281	-5.519	-7.768	-7.131	-3.696	1.455	6.586	9.898
2971	29.70	10.180	7.272	2.153	-3.413	-7.554	-9.007	-7.586	-4.184	-0.322	2.552
2981	29.80	3.672	3.196	1.976	1.006	0.850	1.361	1.835	1.496	0.032	-2.147
2991	29.90	-4.080	-4.782	-3.817	-1.593	0.814	2.234	2.052	0.569	-1.149	-1.883

Table 7-22-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.506 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.989	1.167	3.332	4.024	7.374	-1.308	-5.583	-8.562	-8.860	-6.351
3011	30.10	-2.276	1.355	2.778	1.382	-1.988	-5.468	-7.154	-6.080	-2.707	1.347
3021	30.20	4.160	4.494	2.391	-0.910	-3.669	-4.542	-3.209	-0.410	2.561	4.596
3031	30.30	5.302	5.045	4.538	4.265	4.129	3.550	1.944	-0.725	-3.705	-5.727
3041	30.40	-5.680	-3.307	0.496	4.006	5.514	4.232	0.775	-3.081	-5.289	-4.617
3051	30.50	-1.357	2.753	5.379	4.809	0.904	-4.714	-9.381	-10.658	-7.546	-1.027
3061	30.60	6.338	11.562	12.592	9.223	3.151	-2.836	-5.132	-5.443	-1.286	4.338
3071	30.70	8.890	10.408	6.287	3.430	-2.237	-6.616	-8.278	-6.945	-3.480	0.557
3081	30.80	3.561	4.479	3.135	0.204	-3.112	-5.569	-6.342	-5.287	-2.940	-0.247
3091	30.90	1.840	2.754	2.508	1.625	0.836	0.688	1.251	2.093	2.523	1.992
3101	31.00	0.436	-1.636	-3.376	-4.046	-3.443	-2.056	-0.828	-0.633	-1.722	-3.472
3111	31.10	-4.612	-3.877	-0.787	3.877	8.202	9.912	7.466	0.985	-7.502	-14.696
3121	31.20	-17.358	-13.775	-4.697	6.753	16.222	19.899	16.161	6.343	-5.734	-15.328
3131	31.30	-18.770	-15.022	-6.100	3.844	10.379	10.763	5.150	-3.529	-10.951	-13.421
3141	31.40	-9.595	-1.118	8.140	13.889	13.451	6.937	-2.614	-10.806	-13.830	-10.245
3151	31.50	-1.631	8.162	14.796	15.429	9.944	0.901	-7.743	-12.494	-11.852	-6.824
3161	31.60	-0.226	4.809	6.351	4.465	0.952	-1.763	-1.965	0.492	4.205	7.064
3171	31.70	7.419	4.944	0.768	-3.158	-5.079	-4.285	-1.369	2.182	4.811	5.633
3181	31.80	4.738	2.936	1.171	-0.033	-0.754	-1.433	-2.399	-3.493	-4.071	-3.384
3191	31.90	-1.121	2.239	5.509	7.327	6.852	4.251	0.681	-2.244	-3.254	-2.054
3201	32.00	0.528	2.975	3.860	2.569	-0.401	-3.714	-5.872	-5.956	-4.030	-1.059
3211	32.10	1.617	2.930	2.549	0.943	-0.950	-2.215	-2.383	-1.562	-0.287	0.808
3221	32.20	1.283	1.036	0.258	-0.716	-1.556	-2.012	-1.924	-1.218	0.075	1.750
3231	32.30	3.410	4.522	4.599	3.428	1.236	-1.320	-3.373	-4.187	-3.475	-1.528
3241	32.40	0.901	2.911	3.806	3.328	1.705	-0.532	-2.771	-4.514	-5.448	-5.427
3251	32.50	-4.429	-2.564	-0.136	2.312	4.072	4.492	3.287	0.777	-2.110	-4.143
3261	32.60	-4.322	-2.382	0.972	4.293	5.992	5.087	1.722	-2.823	-6.651	-8.101
3271	32.70	-6.517	-2.567	2.054	5.416	6.255	4.548	1.482	-1.171	-1.973	-0.564
3281	32.80	2.134	4.379	4.510	1.855	-2.814	-7.532	-10.011	-8.726	-3.713	3.329
3291	32.90	9.711	12.920	11.761	6.928	0.721	-3.976	-5.032	-2.078	3.283	8.186
3301	33.00	9.845	6.908	0.185	-7.615	-13.054	-13.537	-8.550	0.010	8.604	13.589
3311	33.10	12.836	6.689	-2.186	-9.991	-13.490	-11.419	-4.989	2.740	8.290	9.327
3321	33.20	5.638	-0.897	-7.272	-10.767	-10.120	-5.951	-0.299	4.442	6.630	6.004
3331	33.30	3.598	1.050	-0.290	0.007	1.355	2.583	2.620	1.062	-1.641	-4.446
3341	33.40	-6.246	-6.384	-4.912	-2.499	-0.085	1.540	2.026	1.516	0.494	-0.483
3351	33.50	-1.028	-1.055	-0.770	-0.562	-0.821	-1.768	-3.330	-5.106	-6.456	-6.699
3361	33.60	-5.390	-2.566	1.165	4.748	7.036	7.246	5.328	2.055	-1.235	-3.162
3371	33.70	-2.888	-0.488	3.071	6.341	8.014	7.482	5.066	1.838	-0.888	-2.138
3381	33.80	-1.668	-0.011	1.834	2.876	2.560	0.957	-1.332	-3.484	-4.792	-4.910
3391	33.90	-3.904	-2.157	-0.181	1.549	2.691	3.076	2.696	1.676	0.245	-1.308
3401	34.00	-2.694	-3.695	-4.201	-4.211	-3.787	-2.996	-1.875	-0.466	1.125	2.665
3411	34.10	3.820	6.268	3.868	2.786	1.498	0.609	0.570	1.421	2.712	3.670
3421	34.20	3.565	2.106	-0.348	-2.875	-4.387	-4.137	-2.107	0.925	3.707	5.057
3431	34.30	4.406	2.053	-0.973	-3.387	-4.235	-3.311	-1.231	0.884	1.929	1.324
3441	34.40	-0.747	-3.430	-5.594	-6.324	-5.291	-2.868	0.053	2.431	3.494	3.008
3451	34.50	1.328	-0.791	-2.515	-3.280	-3.000	-2.077	-1.194	-0.988	-1.725	-3.141
3461	34.60	-4.518	-4.989	-3.951	-1.396	1.999	5.099	6.761	6.336	3.974	0.576
3471	34.70	-2.580	-4.396	-4.415	-2.978	-1.000	0.515	0.971	0.437	-0.454	-0.900
3481	34.80	-0.403	0.946	2.521	3.506	3.353	2.087	0.303	-1.151	-1.614	-0.946
3491	34.90	0.421	1.738	2.337	1.959	0.852	-0.409	-1.241	-1.323	-0.699	0.329

Table 7-22-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.506 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	1.401	2.254	2.741	2.756	2.155	0.801	-1.263	-3.621	-5.454	-5.776
3511	35.10	-3.911	0.032	4.972	9.143	10.828	9.204	4.864	-0.311	-3.963	-4.396
3521	35.20	-1.484	3.169	6.956	7.577	4.290	-1.574	-7.155	-9.452	-6.893	-0.268
3531	35.30	7.497	12.670	12.532	6.777	-2.237	-10.534	-14.402	-12.162	-4.979	3.709
3541	35.40	9.850	10.704	6.102	-1.573	-8.616	-11.812	-9.912	-4.091	2.786	7.648
3551	35.50	8.674	6.020	1.516	-2.406	-3.959	-2.781	0.085	2.905	4.208	3.461
3561	35.60	1.171	-1.560	-3.690	-4.723	-4.784	-4.328	-3.737	-3.076	-2.172	-0.886
3571	35.70	0.612	1.820	2.161	1.373	-0.237	-1.873	-2.655	-2.137	-0.615	0.986
3581	35.80	1.614	0.710	-1.615	-3.690	-4.850	-4.155	-1.848	0.925	2.715	2.574
3591	35.90	0.611	-2.032	-3.786	-3.519	-1.183	2.131	4.768	5.408	3.787	0.834
3601	36.00	-1.845	-2.855	-1.771	0.669	3.024	4.001	3.200	1.310	-0.350	-0.675
3611	36.10	0.508	2.287	3.202	2.175	-0.716	-4.109	-6.006	-4.885	-0.665	5.043
3621	36.20	9.614	10.703	7.496	1.238	-5.280	-9.055	-8.362	-3.617	2.824	7.852
3631	36.30	9.157	6.359	1.131	-3.712	-5.694	-3.924	0.512	5.194	7.677	6.758
3641	36.40	3.049	-1.421	-4.324	-4.247	-1.381	2.668	5.779	6.443	4.479	1.023
3651	36.50	-2.180	-3.736	-3.299	-1.632	-0.066	0.316	-0.711	-2.440	-3.712	-3.637
3661	36.60	-2.141	-0.025	1.490	1.468	-0.201	-2.716	-4.791	-5.350	-4.108	-1.714
3671	36.70	0.605	1.704	1.133	-0.660	-2.492	-3.261	-2.368	-0.141	2.348	3.818
3681	36.80	3.423	1.180	-2.033	-4.883	-6.188	-5.444	-3.016	0.049	2.503	3.416
3691	36.90	2.534	0.334	-2.222	-4.090	-4.547	-3.434	-1.179	1.398	3.391	4.137
3701	37.00	3.435	1.601	-0.653	-2.492	-3.269	-2.774	-1.321	0.381	1.515	1.513
3711	37.10	0.310	-1.604	-3.374	-4.143	-3.428	-1.344	1.431	3.933	5.314	5.187
3721	37.20	3.753	1.680	-0.226	-1.372	-1.605	-1.216	-0.732	-0.609	-0.994	-1.658
3731	37.30	-2.130	-1.962	-0.976	0.610	2.256	3.326	3.367	2.317	0.549	-1.267
3741	37.40	-2.425	-2.457	-1.319	0.584	2.545	3.815	3.888	2.699	0.649	-1.439
3751	37.50	-2.802	-2.861	-1.564	0.578	2.664	3.753	3.266	1.255	-1.571	-4.115
3761	37.60	-5.347	-4.759	-2.614	0.153	2.345	3.047	2.061	0.010	-1.959	-2.733
3771	37.70	-1.796	0.490	3.041	4.579	4.270	2.172	-0.771	-3.188	-3.970	-2.841
3781	37.80	-0.506	1.713	2.588	1.655	-0.504	-2.548	-3.103	-1.557	1.512	4.533
3791	37.90	5.712	3.990	-0.297	-5.436	-9.073	-9.344	-5.836	0.106	5.920	8.994
3801	38.00	7.883	3.016	-3.490	-8.807	-10.701	-8.537	-3.503	2.026	5.656	6.077
3811	38.10	3.585	-0.214	-3.303	-4.276	-2.967	-0.378	1.977	2.946	2.331	0.909
3821	38.20	-0.099	0.216	1.905	4.129	5.645	5.538	3.763	1.215	-0.734	-0.969
3831	38.30	0.763	3.700	6.448	7.693	6.856	4.351	1.332	-0.936	-1.712	-1.097
3841	38.40	0.113	0.966	0.825	-0.130	-1.217	-1.627	-0.962	0.478	1.835	2.182
3851	38.50	1.080	-1.106	-3.341	-4.445	-3.732	-1.438	1.334	3.135	2.905	0.552
3861	38.60	-2.934	-5.919	-6.904	-5.270	-1.621	2.464	5.156	5.238	2.686	-1.305
3871	38.70	-4.870	-6.348	-5.043	-1.548	2.542	5.375	5.689	3.376	-0.498	-4.212
3881	38.80	-6.189	-5.698	-3.147	0.163	2.683	3.341	2.011	-0.484	-2.818	-3.830
3891	38.90	-3.079	-1.038	1.167	2.325	1.742	-0.411	-3.167	-5.212	-5.494	-3.709
3901	39.00	-0.442	3.093	5.583	6.189	4.876	2.394	-0.087	-1.495	-1.314	0.236
3911	39.10	2.348	4.019	4.510	3.659	1.921	0.131	-0.898	-0.755	0.385	1.838
3921	39.20	2.738	2.437	0.831	-1.561	-3.800	-4.924	-4.383	-2.305	0.523	2.967
3931	39.30	4.020	3.239	0.932	-1.970	-4.328	-5.290	-4.647	-2.893	-0.952	0.279
3941	39.40	0.351	-0.555	-1.769	-2.513	-2.328	-1.306	-0.023	0.800	0.717	-0.173
3951	39.50	-1.256	-1.731	-1.060	0.699	2.862	4.431	4.589	3.134	0.622	-1.864
3961	39.60	-3.206	-2.781	-0.745	2.037	4.392	5.367	4.630	2.563	0.035	-2.021
3971	39.70	-3.005	-2.844	-1.928	-0.843	-0.070	0.199	0.070	-0.193	-0.361	-0.354
3981	39.80	-0.252	-0.192	-0.253	-0.387	-0.439	-0.237	0.300	1.102	1.952	2.560
3991	39.90	2.663	2.116	0.953	-0.600	-2.158	-3.267	-3.537	-2.781	-1.136	0.928

Table 7-22-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	2.724	3.591	3.166	1.584	-0.532	-2.302	-2.961	-2.219	-0.419	1.604
4011	40.10	2.903	2.872	1.550	-0.402	-2.023	-2.534	-1.728	-0.060	1.609	2.468
4021	40.20	2.182	1.037	-0.251	-0.971	-0.834	-0.139	0.414	0.176	-1.017	-2.660
4031	40.30	-3.798	-3.536	-1.581	1.496	4.443	5.885	5.003	1.971	-2.074	-5.528
4041	40.40	-7.045	-6.139	-3.364	-0.013	2.516	3.365	2.445	0.534	-1.369	-2.468
4051	40.50	-2.530	-1.879	-1.115	-0.728	-0.850	-1.256	-1.582	-1.599	-1.356	-1.123
4061	40.60	-1.163	-1.513	-1.921	-1.991	-1.462	-0.435	0.603	1.010	0.359	-1.259
4071	40.70	-3.195	-4.511	-4.437	-2.798	-0.145	2.465	3.961	3.778	2.118	-0.155
4081	40.80	-1.961	-2.524	-1.729	-0.115	1.463	2.301	2.194	1.477	0.755	0.493
4091	40.90	0.735	1.091	1.034	0.300	-0.850	-1.692	-1.417	0.360	3.267	6.221
4101	41.00	7.893	7.365	4.653	0.791	-2.602	-4.075	-3.072	-0.231	2.898	4.601
4111	41.10	3.861	0.885	-2.967	-5.833	-6.262	-3.943	0.135	4.150	6.332	5.811
4121	41.20	3.020	-0.558	-3.138	-3.520	-1.650	1.412	4.069	5.022	3.907	1.434
4131	41.30	-1.032	-2.213	-1.579	0.401	2.550	3.629	2.997	0.927	-1.572	-3.319
4141	41.40	-3.599	-2.521	-0.911	0.190	0.142	-0.916	-2.138	-2.461	-1.244	1.295
4151	41.50	4.103	5.789	5.340	2.701	-1.112	-4.439	-5.741	-4.340	-0.757	3.515
4161	41.60	6.698	7.540	5.860	2.574	-0.785	-2.817	-2.887	-1.352	0.703	2.053
4171	41.70	1.955	0.478	-1.584	-3.150	-3.408	-2.200	-0.071	2.022	3.170	2.920
4181	41.80	1.437	-0.618	-2.410	-3.291	-3.029	-1.832	-0.209	1.266	2.154	2.259
4191	41.90	1.637	0.532	-0.714	-1.753	-2.319	-2.294	-1.757	-0.976	-0.322	-0.130
4201	42.00	-0.542	-1.422	-2.385	-2.965	-2.832	-1.974	-0.719	0.415	0.972	0.796
4211	42.10	0.108	-0.626	-0.970	-0.781	-0.324	-0.123	-0.651	-1.994	-3.713	-4.991
4221	42.20	-5.036	-3.524	-0.849	1.992	3.835	3.931	2.348	-0.025	-1.892	-2.212
4231	42.30	-0.750	1.764	3.983	4.638	3.226	0.325	-2.642	-4.115	-3.198	-0.174
4241	42.40	3.585	6.263	6.510	4.134	0.233	-3.330	-4.851	-3.644	-0.398	3.162
4251	42.50	5.145	4.457	1.363	-2.633	-5.562	-5.894	-3.487	0.505	4.117	5.573
4261	42.60	4.170	0.626	-3.290	-5.640	-5.280	-2.416	1.514	4.557	5.200	3.093
4271	42.70	-0.810	-4.734	-6.938	-6.515	-3.767	0.007	3.164	4.474	3.631	1.283
4281	42.80	-1.364	-3.148	-3.461	-2.426	-0.720	0.834	1.673	1.703	1.243	0.780
4291	42.90	0.680	1.016	1.576	2.009	2.023	1.518	0.610	-0.449	-1.379	-1.966
4301	43.00	-2.104	-1.793	-1.125	-0.273	0.526	1.017	1.008	0.474	-0.388	-1.185
4311	43.10	-1.468	-0.934	0.402	2.157	3.706	4.442	4.054	2.679	0.855	-0.721
4321	43.20	-1.518	-1.414	-0.730	-0.052	0.086	-0.531	-1.691	-2.895	-3.625	-3.631
4331	43.30	-3.041	-2.268	-1.747	-1.671	-1.866	-1.896	-1.328	-0.029	1.701	3.225
4341	43.40	3.873	3.292	1.657	-0.377	-1.969	-2.474	-1.739	-0.151	1.580	2.774
4351	43.50	3.099	2.675	1.947	1.393	1.254	1.530	1.591	1.419	0.833	0.053
4361	43.60	-0.548	-0.700	-0.453	-0.196	-0.451	-1.538	-3.304	-5.095	-6.017	-5.379
4371	43.70	-3.104	0.137	3.147	4.723	4.208	1.831	-1.367	-3.987	-4.895	-3.728
4381	43.80	-1.029	2.031	4.214	4.773	3.754	1.906	0.263	-0.361	0.258	1.716
4391	43.90	3.232	4.066	3.863	2.769	1.300	0.041	-0.632	-0.683	-0.353	0.031
4401	44.00	0.247	0.273	0.232	0.261	0.398	0.543	0.532	0.253	-0.270	-0.883
4411	44.10	-1.387	-1.641	-1.628	-1.427	-1.128	-0.752	-0.249	0.431	1.223	1.896
4421	44.20	2.115	1.613	0.391	-1.186	-2.489	-2.890	-2.099	-0.363	1.578	2.813
4431	44.30	2.700	1.225	-0.936	-2.715	-3.163	-1.954	0.406	2.779	3.933	3.159
4441	44.40	0.653	-2.539	-5.001	-5.630	-4.174	-1.364	1.441	2.926	2.466	0.425
4451	44.50	-2.035	-3.554	-3.263	-1.229	1.584	3.798	4.320	2.894	0.232	-2.350
4461	44.60	-3.585	-2.889	-0.645	1.992	3.682	3.565	1.687	-1.031	-3.254	-3.893
4471	44.70	-2.636	-0.094	2.511	3.954	3.602	1.711	-0.713	-2.422	-2.541	-0.998
4481	44.80	1.452	3.593	4.339	3.252	0.747	-2.120	-4.153	-4.581	-3.394	-1.322
4491	44.90	0.542	1.276	0.559	-1.195	-3.055	-4.032	-3.547	-1.695	0.818	3.004

Table 7-22-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	4.043	3.621	2.029	-0.010	-1.680	-2.414	-2.080	-0.967	0.408	1.542
4511	45.10	2.127	2.108	1.616	0.864	0.050	-0.675	-1.194	-1.413	-1.266	-0.769
4521	45.20	-0.054	0.643	1.063	1.059	0.685	0.202	-0.341	0.197	0.885	1.689
4531	45.30	2.105	1.721	0.469	-1.271	-2.790	-3.364	-2.616	-0.739	1.534	3.233
4541	45.40	3.591	2.405	0.158	-2.188	-3.617	-3.518	-1.954	0.374	2.466	3.467
4551	45.50	3.045	1.500	-0.415	-1.862	-2.299	-1.688	-0.455	0.758	1.416	1.325
4561	45.60	0.680	-0.076	-0.503	-0.379	0.197	0.880	1.257	1.057	0.276	-0.816
4571	45.70	-1.791	-2.251	-1.990	-1.086	0.130	1.191	1.673	1.352	0.298	-1.146
4581	45.80	-2.480	-3.232	-3.131	-2.216	-0.822	0.552	1.439	1.586	1.050	0.153
4591	45.90	-0.664	-1.048	-0.880	-0.311	0.332	0.723	0.701	0.346	-0.066	-0.218
4601	46.00	0.080	0.779	1.609	2.193	2.225	1.610	0.511	-0.721	-1.693	-2.129
4611	46.10	-1.966	-1.358	-0.599	0.013	0.282	0.191	-0.117	-0.399	-0.426	-0.081
4621	46.20	0.578	1.314	1.785	1.670	0.811	-0.682	-2.418	-3.826	-4.361	-3.722
4631	46.30	-2.013	0.245	2.283	3.366	3.093	1.574	-0.595	-2.569	-3.593	-3.309
4641	46.40	-1.894	0.040	1.726	2.577	2.430	1.577	0.594	0.050	0.236	1.047
4651	46.50	2.058	2.753	2.785	2.133	1.103	0.161	-0.305	-0.169	0.385	0.965
4661	46.60	1.185	0.866	0.131	-0.652	-1.051	-0.796	0.072	1.190	2.030	2.140
4671	46.70	1.367	-0.045	-1.538	-2.478	-2.447	-1.447	0.073	1.398	1.878	1.233
4681	46.80	-0.279	-1.949	-2.924	-2.604	-0.950	1.451	3.614	4.581	3.859	1.664
4691	46.90	-1.147	-3.436	-4.280	-3.369	-1.132	1.472	3.386	3.908	2.967	1.091
4701	47.00	-0.885	-2.216	-2.555	-2.030	-1.094	-0.239	0.244	0.352	0.272	0.195
4711	47.10	0.161	0.043	-0.328	-0.984	-1.721	-2.152	-1.914	-0.907	0.589	1.983
4721	47.20	2.652	2.255	0.938	-0.711	-1.945	-2.239	-1.570	-0.438	0.400	0.342
4731	47.30	-0.711	-2.276	-3.512	-3.667	-2.494	-0.415	1.651	2.733	2.301	0.537
4741	47.40	-1.736	-3.653	-3.826	-2.711	-0.658	1.391	2.583	2.563	1.609	0.434
4751	47.50	-0.224	0.001	0.939	2.017	2.613	2.416	1.597	0.694	0.280	0.616
4761	47.60	1.483	2.298	2.446	1.651	0.167	-1.330	-2.096	-1.727	-0.401	1.187
4771	47.70	2.182	2.029	0.781	-0.898	-2.072	-2.021	-0.635	1.498	3.373	4.066
4781	47.80	3.205	1.158	-1.149	-2.708	-2.925	-1.912	-0.394	0.693	0.707	-0.351
4791	47.90	-1.848	-2.856	-2.664	-1.166	1.056	3.019	3.825	3.117	1.244	-0.919
4801	48.00	-2.421	-2.701	-1.836	-0.453	0.641	0.907	0.349	-0.516	-0.979	-0.566
4811	48.10	0.660	2.099	2.911	2.468	0.716	-1.749	-3.936	-4.927	-4.322	-2.440
4821	48.20	-0.176	1.423	1.648	0.450	-1.558	-3.407	-4.238	-3.696	-2.066	-0.112
4831	48.30	1.309	1.643	0.872	-0.516	-1.793	-2.345	-1.937	-0.792	0.563	1.558
4841	48.40	1.849	1.437	0.623	-0.177	-0.641	-0.676	-0.421	-0.131	-0.023	-0.152
4851	48.50	-0.396	-0.537	-0.395	0.065	0.699	1.253	1.482	1.272	0.696	-0.023
4861	48.60	-0.615	-0.890	-0.816	-0.528	-0.242	-0.141	-0.269	-0.504	-0.608	-0.350
4871	48.70	0.368	1.429	2.523	3.252	3.289	2.527	1.140	-0.458	-1.764	-2.369
4881	48.80	-2.117	-1.158	0.113	1.221	1.798	1.730	1.188	0.535	0.157	0.282
4891	48.90	0.872	1.635	2.164	2.120	1.400	0.206	-1.032	-1.827	-1.840	-1.030
4901	49.00	0.330	1.760	2.778	3.087	2.687	1.854	0.999	0.487	0.484	0.913
4911	49.10	1.512	1.972	2.072	1.764	1.164	0.470	-0.126	-0.514	-0.675	-0.643
4921	49.20	-0.462	-0.164	0.219	0.619	0.914	0.949	0.606	-0.121	-1.088	-2.036
4931	49.30	-2.691	-2.886	-2.643	-2.156	-1.695	-1.450	-1.428	-1.447	-1.241	-0.627
4941	49.40	0.351	1.400	2.089	2.049	1.170	-0.320	-1.935	-3.136	-3.566	-3.196
4951	49.50	-2.305	-1.321	-0.600	-0.260	-0.158	-0.018	0.374	1.018	1.674	1.985
4961	49.60	1.681	0.743	-0.553	-1.746	-2.401	-2.310	-1.573	-0.538	0.374	0.863
4971	49.70	0.859	0.508	0.051	-0.318	-0.532	-0.642	-0.725	-0.798	-0.780	-0.557
4981	49.80	-0.088	0.515	0.988	1.037	0.503	-0.508	-1.620	-2.334	-2.254	-1.299
4991	49.90	0.221	1.717	2.568	2.400	1.258	-0.407	-1.931	-2.723	-2.507	-1.416

Table 7-22-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.092	1.448	2.208	2.210	1.593	0.690	-0.130	-0.613	-0.679	-0.413
5011	50.10	0.011	0.412	0.653	0.669	0.462	0.091	-0.334	-0.675	-0.795	-0.604
5021	50.20	-0.108	0.577	1.253	1.706	1.796	1.512	0.970	0.362	-0.142	-0.453
5031	50.30	-0.584	-0.598	-0.532	-0.354	0.030	0.691	1.580	2.471	3.010	2.855
5041	50.40	1.858	0.193	-1.646	-3.012	-3.365	-2.520	-0.757	1.268	2.786	3.238
5051	50.50	2.518	1.009	-0.591	-1.583	-1.578	-0.655	0.704	1.850	2.261	1.857
5061	50.60	0.845	-0.243	-0.911	-0.919	-0.381	0.311	0.702	0.506	-0.256	-1.272
5071	50.70	-2.094	-2.350	-1.906	-0.912	0.281	1.278	1.795	1.747	1.239	0.491
5081	50.80	-0.260	-0.823	-1.087	-1.017	-0.643	-0.062	0.564	1.026	1.129	0.770
5091	50.90	0.018	-0.880	-1.566	-1.715	-1.194	-0.144	1.048	1.909	2.086	1.519
5101	51.00	0.470	-0.594	-1.224	-1.206	-0.656	0.043	0.441	0.252	-0.510	-1.539
5111	51.10	-2.404	-2.769	-2.546	-1.920	-1.223	-0.743	-0.575	-0.594	-0.558	-0.277
5121	51.20	0.253	0.837	1.195	1.126	0.641	-0.025	-0.537	-0.638	-0.292	0.300
5131	51.30	0.813	0.982	0.768	0.283	-0.119	-0.228	-0.015	0.328	0.496	0.268
5141	51.40	-0.354	-1.122	-1.669	-1.710	-1.201	-0.371	0.359	0.787	0.693	0.279
5151	51.50	-0.145	-0.320	-0.195	0.041	0.098	-0.218	-0.842	-1.452	-1.640	-1.155
5161	51.60	-0.094	1.101	1.848	1.734	0.762	-0.611	-1.684	-1.873	-1.029	0.461
5171	51.70	1.857	2.450	1.952	0.671	-0.635	-1.144	-0.427	1.295	3.222	4.357
5181	51.80	4.018	2.199	-0.382	-2.618	-3.538	-2.779	-0.762	1.515	2.968	2.946
5191	51.90	1.533	-0.516	-2.169	-2.623	-1.689	0.139	1.951	2.870	2.465	0.931
5201	52.00	-1.043	-2.622	-3.213	-2.706	-1.467	-0.115	0.784	0.964	0.518	-0.208
5211	52.10	-0.820	-1.067	-0.918	-0.517	-0.064	0.301	0.543	0.713	0.867	1.019
5221	52.20	1.124	1.125	1.004	0.810	0.638	0.569	0.612	0.688	0.668	0.444
5231	52.30	0.002	-0.557	-1.056	-1.314	-1.223	-0.783	-0.095	0.694	1.436	2.009
5241	52.40	2.320	2.287	1.857	1.031	-0.090	-1.282	-2.243	-2.687	-2.473	-1.683
5251	52.50	-0.622	0.292	0.707	0.492	-0.199	-1.001	-1.510	-1.482	-0.946	-0.182
5261	52.60	0.423	0.581	0.240	-0.390	-0.957	-1.150	-0.860	-0.220	0.470	0.911
5271	52.70	0.951	0.642	0.189	-0.188	-0.378	-0.429	-0.487	-0.683	-1.028	-1.390
5281	52.80	-1.563	-1.399	-0.908	-0.263	0.284	0.550	0.529	0.391	0.376	0.636
5291	52.90	1.111	1.542	1.602	1.102	0.138	-0.906	-1.518	-1.318	-0.278	1.221
5301	53.00	2.532	3.034	2.433	0.915	-0.924	-2.348	-2.810	-2.193	-0.840	0.631
5311	53.10	1.636	1.889	1.498	0.861	0.417	0.392	0.684	0.934	0.746	-0.067
5321	53.20	-1.342	-2.604	-3.285	-2.996	-1.736	0.079	1.773	2.693	2.480	1.220
5331	53.30	-0.601	-2.301	-3.277	-3.237	-2.287	-0.854	0.509	1.354	1.499	1.070
5341	53.40	0.406	-0.117	-0.252	0.012	0.472	0.823	1.819	0.402	-0.257	-0.837
5351	53.50	-1.015	-0.627	0.232	1.236	1.961	2.073	1.488	0.419	-0.709	-1.447
5361	53.60	-1.519	-0.952	-0.054	0.734	1.043	0.753	0.037	-0.730	-1.165	-1.064
5371	53.70	-0.502	0.218	0.728	0.790	0.421	-0.113	-0.440	-0.263	0.385	1.310
5381	53.80	2.072	2.288	1.807	0.795	-0.335	-1.111	-1.223	-0.664	0.272	1.138
5391	53.90	1.550	1.367	0.746	0.061	-0.296	-0.106	0.573	1.432	2.069	2.175
5401	54.00	1.679	0.771	-0.202	-0.895	-1.122	-0.909	-0.460	-0.026	0.211	0.208
5411	54.10	0.046	-0.154	-0.313	-0.439	-0.593	-0.823	-1.099	-1.306	-1.306	-1.032
5421	54.20	-0.557	-0.084	0.148	-0.006	-0.495	-1.077	-1.438	-1.360	-0.857	-0.191
5431	54.30	0.256	0.197	-0.385	-1.188	-1.731	-1.607	-0.730	0.574	1.691	2.020
5441	54.40	1.295	-0.238	-1.898	-2.879	-2.652	-1.242	0.755	2.448	3.077	2.390
5451	54.50	0.765	-0.981	-1.997	-1.825	-0.612	0.984	2.142	2.297	1.415	-0.025
5461	54.60	-1.306	-1.859	-1.546	-0.696	0.121	0.426	0.104	-0.556	-1.052	-0.984
5471	54.70	-0.300	0.666	1.392	1.476	0.885	-0.008	-0.628	-0.534	0.318	1.513
5481	54.80	2.394	2.409	1.432	-0.139	-1.570	-2.156	-1.589	-0.126	1.535	2.598
5491	54.90	2.563	1.663	-0.170	-1.583	-2.175	-1.768	-0.653	0.597	1.434	1.592

Table 7-22-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	1.167	0.503	-0.037	-0.274	-0.274	-0.259	-0.427	-0.804	-1.220	-1.415
5511	55.10	-1.220	-0.685	-0.078	0.251	0.070	-0.589	-1.424	-2.000	-1.975	-1.278
5521	55.20	-0.159	0.926	1.531	1.431	0.714	-0.273	-1.107	-1.483	-1.341	-0.864
5531	55.30	-0.362	-0.105	-0.205	-0.588	-1.052	-1.380	-1.433	-1.195	-0.746	-0.208
5541	55.40	0.300	0.689	0.898	0.882	0.628	0.175	-0.361	-0.804	-0.969	-0.745
5551	55.50	-0.169	0.571	1.195	1.459	1.269	0.739	0.143	-0.219	-0.170	0.247
5561	55.60	0.789	1.137	1.069	0.588	-0.071	-0.556	-0.589	-0.128	0.595	1.176
5571	55.70	1.246	0.677	-0.327	-1.308	-1.773	-1.440	-0.404	0.886	1.825	1.940
5581	55.80	1.122	-0.302	-1.710	-2.464	-2.201	-0.990	0.708	2.264	3.173	3.263
5591	55.90	2.739	2.034	1.560	1.487	1.670	1.749	1.375	0.434	-0.857	-2.021
5601	56.00	-2.553	-2.169	-0.969	0.588	1.880	2.403	1.995	0.899	-0.361	-1.237
5611	56.10	-1.414	-0.944	-0.209	0.291	0.193	-0.542	-1.604	-2.480	-2.704	-2.087
5621	56.20	-0.817	0.615	1.635	1.843	1.196	0.024	-1.117	-1.698	-1.453	-0.495
5631	56.30	0.737	1.681	1.907	1.306	0.141	-1.077	-1.822	-1.791	-1.035	0.067
5641	56.40	0.987	1.294	0.851	-0.124	-1.153	-1.721	-1.505	-0.519	0.891	2.205
5651	56.50	2.943	2.865	2.046	0.820	-0.378	-1.193	-1.470	-1.272	-0.807	-0.310
5661	56.60	0.053	0.226	0.236	0.141	-0.011	-0.195	-0.391	-0.557	-0.634	-0.574
5671	56.70	-0.381	-0.132	0.046	0.043	-0.158	-0.448	-0.625	-0.493	0.022	0.803
5681	56.80	1.563	1.966	1.784	1.028	-0.036	-0.988	-1.432	-1.182	-0.351	0.699
5691	56.90	1.509	1.728	1.254	0.264	-0.876	-1.779	-2.189	-2.057	-1.524	-0.818
5701	57.00	-0.146	0.377	0.737	0.964	1.076	1.050	0.832	0.390	-0.231	-0.896
5711	57.10	-1.610	-1.589	-1.333	-0.679	0.201	1.052	1.619	1.727	1.339	0.575
5721	57.20	-0.325	-1.066	-1.397	-1.198	-0.532	0.359	1.129	1.450	1.151	0.294
5731	57.30	-0.821	-1.769	-2.168	-1.845	-0.921	0.226	1.126	1.414	1.004	0.126
5741	57.40	-0.775	-1.238	-1.000	-0.120	1.049	2.014	2.358	1.926	0.880	-0.374
5751	57.50	-1.362	-1.739	-1.416	-0.571	0.440	1.239	1.566	1.355	0.730	-0.071
5761	57.60	-0.796	-1.265	-1.421	-1.315	-1.073	-0.828	-0.669	-0.610	-0.597	-0.533
5771	57.70	-0.337	0.015	0.464	0.889	1.150	1.152	0.892	0.462	0.009	-0.332
5781	57.80	-0.496	-0.507	-0.445	-0.385	-0.340	-0.256	-0.048	0.315	0.758	1.096
5791	57.90	1.119	0.703	-0.087	-0.986	-1.622	-1.690	-1.104	-0.070	0.989	1.625
5801	58.00	1.574	0.891	-0.070	-0.828	-1.018	-0.572	0.242	0.952	1.130	0.612
5811	58.10	-0.410	-1.473	-2.070	-1.895	-0.993	0.267	1.364	1.876	1.663	0.907
5821	58.20	0.007	-0.625	-0.750	-0.388	0.228	0.788	1.056	0.959	0.585	0.109
5831	58.30	-0.308	-0.585	-0.725	-0.778	-0.790	-0.778	-0.732	-0.641	-0.514	-0.371
5841	58.40	-0.221	-0.045	0.196	0.527	0.908	1.214	1.270	0.928	0.164	-0.870
5851	58.50	-1.877	-2.523	-2.579	-2.036	-1.117	-0.182	0.428	0.551	0.259	-0.185
5861	58.60	-0.476	-0.425	-0.045	0.459	0.820	0.849	0.541	0.073	-0.302	-0.394
5871	58.70	-0.182	0.181	0.458	0.463	0.171	-0.268	-0.619	-0.691	-0.453	-0.053
5881	58.80	0.267	0.310	0.041	-0.384	-0.710	-0.726	-0.397	0.100	0.468	0.460
5891	58.90	0.033	-0.599	-1.060	-1.012	-0.351	0.695	1.647	2.000	1.486	0.238
5901	59.00	-1.236	-2.272	-2.361	-1.406	0.212	1.800	2.674	2.480	1.365	-0.098
5911	59.10	-1.187	-1.375	-0.582	0.804	2.123	2.773	2.491	1.464	0.203	-0.725
5921	59.20	-0.978	-0.588	0.091	0.604	0.646	0.224	-0.366	-0.712	-0.524	0.201
5931	59.30	1.176	1.967	2.216	1.814	0.938	-0.042	-0.760	-1.010	-0.814	-0.369
5941	59.40	0.090	0.405	0.553	0.602	0.629	0.646	0.598	0.422	0.124	-0.185
5951	59.50	-0.324	-0.152	0.338	0.968	1.446	1.698	1.020	0.143	-0.812	-1.483
5961	59.60	-1.633	-1.265	-0.604	0.026	0.359	0.314	-0.001	-0.370	-0.605	-0.642
5971	59.70	-0.554	-0.469	-0.473	-0.544	-0.565	-0.419	-0.087	0.302	0.528	0.393
5981	59.80	-0.146	-0.924	-1.629	-1.948	-1.729	-1.067	-0.263	0.319	0.435	0.081
5991	59.90	-0.504	-0.969	-1.015	-0.543	0.308	1.239	1.932	2.178	1.949	1.369

Table 7-22-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.642	-0.037	-0.531	-0.767	-0.719	-0.404	0.111	0.683	1.111	1.184
6011	60.10	0.786	-0.026	-0.994	-1.744	-1.941	-1.465	-0.492	0.553	1.185	1.089
6021	60.20	0.291	-0.829	-1.706	-1.850	-1.094	0.318	1.827	2.816	2.890	2.045
6031	60.30	0.661	-0.690	-1.507	-1.569	-1.004	-0.182	0.485	0.735	0.551	0.122
6041	60.40	-0.291	-0.494	-0.445	-0.233	0.006	0.178	0.275	0.348	0.436	0.511
6051	60.50	0.474	0.216	-0.293	-0.946	-1.512	-1.735	-1.452	-0.694	0.305	1.198
6061	60.60	1.668	1.565	0.966	0.129	-0.620	-1.033	-1.030	-0.709	-0.271	0.083
6071	60.70	0.242	0.212	0.082	-0.043	-0.108	-0.125	-0.149	-0.224	-0.345	-0.450
6081	60.80	-0.454	-0.300	-0.007	0.336	0.605	0.699	0.595	0.355	0.097	-0.069
6091	60.90	-0.092	-0.010	0.079	0.069	-0.099	-0.399	-0.740	-1.006	-1.117	-1.058
6101	61.00	-0.881	-0.665	-0.473	-0.321	-0.186	-0.042	0.101	0.179	0.097	-0.209
6111	61.10	-0.723	-1.319	-1.800	-1.973	-1.742	-1.165	-0.438	0.192	0.531	0.536
6121	61.20	0.325	0.112	0.092	0.335	0.740	1.091	1.162	0.846	0.215	-0.502
6131	61.30	-1.027	-1.159	-0.863	-0.281	0.354	0.823	1.016	0.954	0.743	0.485
6141	61.40	0.218	-0.088	-0.480	-0.950	-1.390	-1.626	-1.498	-0.966	-0.156	0.657
6151	61.50	1.183	1.240	0.854	0.246	-0.273	-0.458	-0.247	0.211	0.643	0.806
6161	61.60	0.616	0.194	-0.200	-0.314	-0.040	0.523	1.114	1.447	1.359	0.890
6171	61.70	0.257	-0.261	-0.463	-0.328	-0.002	0.283	0.353	0.173	-0.133	-0.363
6181	61.80	-0.357	-0.090	0.313	0.641	0.721	0.510	0.130	-0.190	-0.235	0.079
6191	61.90	0.651	1.229	1.518	1.323	0.648	-0.295	-1.160	-1.612	-1.467	-0.771
6201	62.00	0.212	1.104	1.571	1.455	0.837	0.006	-0.678	-0.933	-0.686	-0.101
6211	62.10	0.490	0.747	0.481	-0.247	-1.144	-1.816	-1.950	-1.462	-0.543	0.427
6221	62.20	1.057	1.129	0.695	0.045	-0.443	-0.490	-0.057	0.648	1.286	1.563
6231	62.30	1.384	0.889	0.370	0.106	0.211	0.580	0.950	1.053	0.771	0.201
6241	62.40	-0.391	-0.713	-0.602	-0.106	0.540	1.043	1.196	0.975	0.536	0.121
6251	62.50	-0.070	0.027	0.329	0.670	0.889	0.903	0.720	0.404	0.023	-0.371
6261	62.60	-0.738	-1.018	-1.118	-0.951	-0.494	0.146	0.742	1.021	0.802	0.117
6271	62.70	-0.766	-1.436	-1.533	-0.939	0.129	1.196	1.741	1.450	0.383	-1.040
6281	62.80	-2.236	-2.730	-2.381	-1.433	-0.376	0.307	0.384	-0.044	-0.625	-0.981
6291	62.90	-0.922	-0.541	-0.137	-0.020	-0.313	-0.866	-1.343	-1.423	-0.997	-0.250
6301	63.00	0.431	0.675	0.340	-0.393	-1.112	-1.400	-1.071	-0.285	0.534	0.928
6311	63.10	0.668	-0.111	-0.969	-1.394	-1.085	-0.130	1.027	1.807	1.798	0.971
6321	63.20	-0.294	-1.399	-1.827	-1.394	-0.324	0.880	1.705	1.885	1.516	0.973
6331	63.30	0.683	0.886	1.502	2.184	2.509	2.212	1.332	0.191	-0.768	-1.200
6341	63.40	-1.022	-0.429	0.221	0.602	0.577	0.244	-0.143	-0.331	-0.216	0.104
6351	63.50	0.393	0.408	0.045	-0.599	-1.256	-1.619	-1.481	-0.841	0.097	1.006
6361	63.60	1.574	1.623	1.172	0.409	-0.393	-0.984	-1.228	-1.131	-0.819	-0.471
6371	63.70	-0.245	-0.221	-0.384	-0.640	-0.861	-0.937	-0.810	-0.499	-0.081	0.335
6381	63.80	0.646	0.783	0.732	0.525	0.230	-0.080	-0.336	-0.495	-0.534	-0.460
6391	63.90	-0.298	-0.093	0.102	0.235	0.270	0.200	0.047	-0.144	-0.328	-0.480
6401	64.00	-0.604	-0.724	-0.860	-1.006	-1.109	-1.088	-0.873	-0.445	0.129	0.704
6411	64.10	1.103	1.185	0.909	0.359	-0.278	-0.785	-0.998	-0.866	-0.470	0.021
6421	64.20	0.419	0.596	0.523	0.270	-0.035	-0.271	-0.365	-0.317	-0.183	-0.043
6431	64.30	0.032	0.008	-0.111	-0.291	-0.479	-0.623	-0.677	-0.615	-0.436	-0.173
6441	64.40	0.113	0.346	0.466	0.449	0.328	0.186	0.116	0.184	0.393	0.669
6451	64.50	0.891	0.939	0.754	0.367	-0.105	-0.504	-0.688	-0.588	-0.229	0.282
6461	64.60	0.801	1.193	1.377	1.329	1.081	0.696	0.253	-0.169	-0.489	-0.640
6471	64.70	-0.578	-0.307	0.110	0.553	0.879	0.967	0.769	0.333	-0.209	-0.694
6481	64.80	-0.986	-1.030	-0.866	-0.599	-0.342	-0.169	-0.084	-0.045	0.003	0.075
6491	64.90	0.136	0.121	-0.022	-0.281	-0.574	-0.778	-0.794	-0.605	-0.299	-0.032

Table 7-22-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.052	-0.094	-0.388	-0.645	-0.669	-0.366	0.199	0.815	1.229	1.269
6511	65.10	0.945	0.450	0.066	0.009	0.307	0.767	1.069	0.940	0.316	-0.587
6521	65.20	-1.359	-1.590	-1.087	-0.002	1.213	2.006	1.993	1.160	-0.117	-1.239
6531	65.30	-1.677	-1.236	-0.164	0.966	1.543	1.227	0.132	-1.219	-2.155	-2.189
6541	65.40	-1.273	0.172	1.461	1.986	1.517	0.314	-1.011	-1.806	-1.713	-0.836
6551	65.50	0.327	1.152	1.221	0.543	-0.463	-1.194	-1.194	-0.394	0.838	1.897
6561	65.60	2.250	1.721	0.580	-0.596	-1.218	-0.993	-0.056	1.102	1.905	1.992
6571	65.70	1.398	0.522	-0.097	-0.073	0.615	1.611	2.369	2.437	1.693	0.414
6581	65.80	-0.863	-1.605	-1.536	-0.761	0.306	1.158	1.441	1.109	0.412	-0.250
6591	65.90	-0.546	-0.369	0.132	0.653	0.903	0.747	0.255	-0.356	-0.844	-1.066
6601	66.00	-1.028	-0.851	-0.688	-0.631	-0.674	-0.741	-0.746	-0.658	-0.522	-0.424
6611	66.10	-0.434	-0.556	-0.719	-0.817	-0.769	-0.568	-0.289	-0.048	0.061	0.014
6621	66.20	-0.134	-0.280	-0.339	-0.285	-0.161	-0.046	-0.001	-0.028	-0.067	-0.037
6631	66.30	0.106	0.330	0.528	0.568	0.369	-0.046	-0.540	-0.922	-1.033	-0.829
6641	66.40	-0.411	0.019	0.255	0.188	-0.135	-0.528	-0.764	-0.684	-0.294	0.236
6651	66.50	0.666	0.722	0.410	-0.147	-0.668	-0.873	-0.631	-0.046	0.584	0.898
6661	66.60	0.655	-0.135	-1.193	-2.092	-2.451	-2.123	-1.268	-0.286	0.379	0.454
6671	66.70	-0.027	-0.737	-1.224	-1.139	-0.423	0.654	1.616	2.017	1.660	0.699
6681	66.80	-0.432	-1.228	-1.356	-0.807	0.114	0.951	1.327	1.127	0.529	-0.102
6691	66.90	-0.421	-0.281	0.199	0.715	0.952	0.753	0.203	-0.429	-0.833	-0.827
6701	67.00	-0.442	0.102	0.528	0.642	0.430	0.043	-0.294	-0.416	-0.292	-0.025
6711	67.10	0.222	0.333	0.294	0.190	0.131	0.175	0.284	0.349	0.264	0.005
6721	67.20	-0.348	-0.643	-0.740	-0.594	-0.276	0.060	0.270	0.290	0.169	0.018
6731	67.30	-0.064	-0.061	-0.051	-0.144	-0.405	-0.783	-1.120	-1.234	-1.027	-0.556
6741	67.40	-0.029	0.300	0.264	-0.120	-0.642	-1.008	-0.992	-0.558	0.107	0.694
6751	67.50	0.929	0.721	0.206	-0.323	-0.578	-0.427	0.037	0.557	0.858	0.800
6761	67.60	0.459	0.080	-0.065	0.169	0.714	1.324	1.710	1.697	1.322	0.808
6771	67.70	0.435	0.387	0.642	0.987	1.143	0.928	0.371	-0.288	-0.715	-0.663
6781	67.80	-0.108	0.722	1.451	1.734	1.433	0.681	-0.174	-0.741	-0.767	-0.260
6791	67.90	0.524	1.196	1.424	1.076	0.278	-0.649	-1.336	-1.524	-1.168	-0.449
6801	68.00	0.314	0.802	0.823	0.385	-0.312	-0.970	-1.311	-1.193	-0.665	0.052
6811	68.10	0.655	0.880	0.619	-0.039	-0.835	-1.446	-1.624	-1.295	-0.598	0.183
6821	68.20	0.741	0.885	0.616	0.124	-0.321	-0.494	-0.334	0.043	0.406	0.541
6831	68.30	0.367	-0.019	-0.394	-0.523	-0.291	0.238	0.850	1.289	1.384	1.128
6841	68.40	0.666	0.210	-0.079	-0.166	-0.140	-0.136	-0.232	-0.392	-0.483	-0.366
6851	68.50	-0.007	0.472	0.824	0.802	0.304	-0.548	-1.436	-1.981	-1.930	-1.284
6861	68.60	-0.307	0.597	1.083	1.031	0.597	0.124	-0.053	0.211	0.788	1.341
6871	68.70	1.505	1.088	0.184	-0.861	-1.618	-1.786	-1.335	-0.522	0.252	0.643
6881	68.80	0.532	0.069	-0.421	-0.623	-0.398	0.155	0.758	1.117	1.077	0.697
6891	68.90	0.204	-0.146	-0.211	-0.041	0.163	0.177	-0.109	-0.611	-1.094	-1.303
6901	69.00	-1.112	-0.609	-0.062	0.212	0.019	-0.597	-1.365	-1.913	-1.950	-1.416
6911	69.10	-0.518	0.368	0.875	0.819	0.284	-0.429	-0.952	-1.027	-0.627	0.043
6921	69.20	0.656	0.928	0.748	0.230	-0.355	-0.714	-0.669	-0.235	0.394	0.946
6931	69.30	1.196	1.061	0.629	0.106	-0.283	-0.394	-0.221	0.111	0.411	0.504
6941	69.40	0.309	-0.131	-0.673	-1.128	-1.340	-1.244	-0.888	-0.416	0.001	0.208
6951	69.50	0.148	-0.131	-0.493	-0.766	-0.816	-0.594	-0.158	0.351	0.771	0.980
6961	69.60	0.943	0.719	0.422	0.170	0.029	-0.008	-0.005	-0.041	-0.160	-0.341
6971	69.70	-0.511	-0.578	-0.479	-0.215	0.147	0.504	0.761	0.867	0.829	0.696
6981	69.80	0.522	0.341	0.156	-0.046	-0.267	-0.475	-0.610	-0.611	-0.451	-0.167
6991	69.90	0.143	0.361	0.396	0.240	-0.029	-0.275	-0.363	-0.227	0.097	0.488

Table 7-22-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	0.791	0.893	0.770	0.501	0.225	0.075	0.120	0.335	0.624	0.870
7011	70.10	0.994	0.986	0.897	0.802	0.753	0.745	0.725	0.627	0.418	0.127
7021	70.20	-0.156	-0.322	-0.293	-0.057	0.321	0.725	1.034	1.168	1.105	0.878
7031	70.30	0.551	0.187	-0.163	-0.461	-0.677	-0.786	-0.774	-0.654	-0.477	-0.324
7041	70.40	-0.268	-0.340	-0.499	-0.635	-0.620	-0.372	0.084	0.604	0.965	0.962
7051	70.50	0.499	-0.346	-1.342	-2.184	-2.614	-2.523	-1.987	-1.227	-0.508	-0.028
7061	70.60	0.148	0.085	-0.076	-0.213	-0.275	-0.294	-0.341	-0.457	-0.615	-0.722
7071	70.70	-0.672	-0.416	-0.005	0.422	0.700	0.722	0.500	0.157	-0.131	-0.229
7081	70.80	-0.117	0.102	0.265	0.241	0.019	-0.278	-0.452	-0.347	0.055	0.600
7091	70.90	1.015	1.049	0.603	-0.195	-1.029	-1.531	-1.454	-0.798	0.177	1.057
7101	71.00	1.466	1.236	0.484	-0.439	-1.113	-1.241	-0.778	0.061	0.911	1.438
7111	71.10	1.482	1.119	0.591	0.173	0.024	0.122	0.293	0.328	0.112	-0.305
7121	71.20	-0.730	-0.933	-0.782	-0.320	0.241	0.628	0.649	0.298	-0.229	-0.627
7131	71.30	-0.635	-0.163	0.646	1.482	2.006	2.003	1.476	0.637	-0.199	-0.757
7141	71.40	-0.917	-0.743	-0.427	-0.173	-0.094	-0.165	-0.258	-0.231	-0.020	0.319
7151	71.50	0.627	0.730	0.531	0.068	-0.492	-0.921	-1.033	-0.764	-0.199	0.463
7161	71.60	0.989	1.206	1.060	0.626	0.072	-0.415	-0.693	-0.709	-0.502	-0.172
7171	71.70	0.160	0.403	0.519	0.522	0.464	0.401	0.365	0.354	0.340	0.291
7181	71.80	0.194	0.075	-0.009	0.003	0.147	0.404	0.702	0.938	1.019	0.905
7191	71.90	0.621	0.250	-0.107	-0.375	-0.524	-0.573	-0.560	-0.512	-0.428	-0.289
7201	72.00	-0.092	0.123	0.273	0.259	0.021	-0.408	-0.899	-1.265	-1.347	-1.091
7211	72.10	-0.591	-0.053	0.290	0.289	-0.046	-0.551	-0.984	-1.140	-0.949	-0.503
7221	72.20	-0.002	0.347	0.433	0.292	0.071	-0.056	0.015	0.271	0.589	0.815
7231	72.30	0.839	0.648	0.313	-0.061	-0.400	-0.686	-0.945	-1.191	-1.389	-1.452
7241	72.40	-1.287	-0.863	-0.264	0.324	0.692	0.706	0.385	-0.104	-0.523	-0.691
7251	72.50	-0.580	-0.326	-0.152	-0.232	-0.576	-1.008	-1.250	-1.075	-0.452	0.421
7261	72.60	1.186	1.511	1.253	0.549	-0.248	-0.743	-0.697	-0.157	0.571	1.074
7271	72.70	1.047	0.449	-0.473	-1.305	-1.677	-1.439	-0.725	0.123	0.739	0.912
7281	72.80	0.673	0.255	-0.052	-0.063	0.207	0.568	0.768	0.647	0.225	-0.305
7291	72.90	-0.683	-0.718	-0.395	0.127	0.594	0.789	0.635	0.222	-0.250	-0.578
7301	73.00	-0.656	-0.510	-0.269	-0.078	-0.021	-0.082	-0.166	-0.165	-0.021	0.236
7311	73.10	0.503	0.660	0.627	0.405	0.070	-0.258	-0.472	-0.509	-0.374	-0.121
7321	73.20	0.171	0.426	0.593	0.652	0.610	0.499	0.365	0.251	0.190	0.191
7331	73.30	0.238	0.295	0.329	0.319	0.277	0.233	0.221	0.253	0.309	0.338
7341	73.40	0.290	0.138	-0.093	-0.332	-0.489	-0.489	-0.311	0.006	0.374	0.693
7351	73.50	0.881	0.902	0.768	0.523	0.229	-0.050	-0.259	-0.354	-0.313	-0.147
7361	73.60	0.099	0.345	0.500	0.499	0.339	0.082	-0.152	-0.246	-0.134	0.158
7371	73.70	0.519	0.793	0.854	0.657	0.261	-0.203	-0.589	-0.801	-0.820	-0.699
7381	73.80	-0.512	-0.318	-0.130	0.064	0.271	0.457	0.547	0.462	0.174	-0.255
7391	73.90	-0.677	-0.912	-0.836	-0.444	0.127	0.662	0.956	0.919	0.614	0.220
7401	74.00	-0.058	-0.100	0.065	0.277	0.337	0.121	-0.341	-0.861	-1.182	-1.099
7411	74.10	-0.573	0.242	1.060	1.582	1.633	1.222	0.534	-0.169	-0.666	-0.866
7421	74.20	-0.822	-0.679	-0.582	-0.596	-0.686	-0.748	-0.680	-0.451	-0.120	0.187
7431	74.30	0.344	0.290	0.057	-0.245	-0.482	-0.561	-0.463	-0.250	-0.025	0.119
7441	74.40	0.139	0.059	-0.049	-0.103	-0.046	0.129	0.384	0.648	0.845	0.919
7451	74.50	0.850	0.654	0.376	0.076	-0.186	-0.373	-0.472	-0.500	-0.485	-0.454
7461	74.60	-0.413	-0.348	-0.234	-0.056	0.171	0.394	0.545	0.563	0.432	0.192
7471	74.70	-0.077	-0.288	-0.393	-0.401	-0.373	-0.378	-0.445	-0.538	-0.564	-0.423
7481	74.80	-0.078	0.410	0.886	1.162	1.103	0.700	0.082	-0.530	-0.922	-0.977
7491	74.90	-0.725	-0.317	0.053	0.245	0.224	0.060	-0.138	-0.296	-0.423	-0.594

Table 7-22-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.886	-1.294	-1.709	-1.939	-1.806	-1.258	-0.417	0.442	1.011	1.089
7511	75.10	0.684	0.017	-0.582	-0.826	-0.612	-0.070	0.509	0.820	0.696	0.197
7521	75.20	-0.421	-0.838	-0.819	-0.335	0.435	1.184	1.629	1.629	1.232	0.632
7531	75.30	0.063	-0.305	-0.425	-0.364	-0.237	-0.135	-0.087	-0.060	-0.003	0.115
7541	75.40	0.277	0.441	0.564	0.633	0.659	0.661	0.632	0.533	0.311	-0.056
7551	75.50	-0.525	-0.980	-1.280	-1.318	-1.085	-0.678	-0.265	0.001	0.057	-0.037
7561	75.60	-0.135	-0.090	0.160	0.544	0.885	0.988	0.743	0.190	-0.486	-1.036
7571	75.70	-1.260	-1.094	-0.632	-0.075	0.364	0.554	0.488	0.262	0.007	-0.185
7581	75.80	-0.294	-0.368	-0.472	-0.634	-0.820	-0.951	-0.945	-0.769	-0.457	-0.096
7591	75.90	0.215	0.410	0.475	0.446	0.370	0.280	0.185	0.077	-0.043	-0.146
7601	76.00	-0.181	-0.103	0.097	0.374	0.639	0.797	0.797	0.653	0.440	0.253
7611	76.10	0.159	0.160	0.196	0.182	0.060	-0.161	-0.406	-0.569	-0.572	-0.407
7621	76.20	-0.148	0.084	0.181	0.103	-0.099	-0.304	-0.383	-0.258	0.054	0.451
7631	76.30	0.787	0.939	0.857	0.585	0.241	-0.037	-0.143	-0.044	0.219	0.550
7641	76.40	0.839	1.002	1.006	0.869	0.647	0.410	0.219	0.110	0.086	0.127
7651	76.50	0.199	0.263	0.294	0.280	0.229	0.159	0.095	0.064	0.083	0.159
7661	76.60	0.290	0.458	0.632	0.770	0.827	0.767	0.581	0.296	-0.024	-0.294
7671	76.70	-0.437	-0.411	-0.231	0.035	0.288	0.440	0.444	0.313	0.110	-0.088
7681	76.80	-0.225	-0.289	-0.317	-0.363	-0.468	-0.631	-0.804	-0.916	-0.904	-0.749
7691	76.90	-0.481	-0.172	0.102	0.286	0.366	0.364	0.323	0.281	0.263	0.279
7701	77.00	0.335	0.432	0.571	0.735	0.884	0.959	0.903	0.691	0.356	-0.014
7711	77.10	-0.302	-0.417	-0.331	-0.101	0.162	0.342	0.380	0.300	0.197	0.171
7721	77.20	0.271	0.455	0.601	0.579	0.321	-0.120	-0.582	-0.866	-0.832	-0.477
7731	77.30	0.050	0.514	0.700	0.520	0.054	-0.488	-0.871	-0.951	-0.740	-0.397
7741	77.40	-0.139	-0.130	-0.396	-0.822	-1.211	-1.395	-1.311	-1.025	-0.685	-0.431
7751	77.50	-0.321	-0.313	-0.309	-0.233	-0.093	0.011	-0.054	-0.363	-0.864	-1.376
7761	77.60	-1.661	-1.545	-1.014	-0.240	0.488	0.891	0.841	0.413	-0.148	-0.553
7771	77.70	-0.617	-0.351	0.048	0.300	0.192	-0.300	-0.995	-1.584	-1.776	-1.442
7781	77.80	-0.679	0.236	0.967	1.268	1.076	0.525	-0.137	-0.666	-0.924	-0.912
7791	77.90	-0.737	-0.534	-0.386	-0.299	-0.225	-0.114	0.033	0.153	0.158	-0.004
7801	78.00	-0.300	-0.603	-0.748	-0.606	-0.157	0.483	1.102	1.481	1.488	1.137
7811	78.10	0.584	0.059	-0.232	-0.193	0.131	0.578	0.948	1.086	0.943	0.581
7821	78.20	0.135	-0.254	-0.496	-0.577	-0.551	-0.496	-0.469	-0.479	-0.486	-0.434
7831	78.30	-0.279	-0.023	0.285	0.565	0.740	0.762	0.633	0.394	0.109	-0.161
7841	78.40	-0.375	-0.520	-0.603	-0.633	-0.620	-0.561	-0.455	-0.307	-0.137	0.025
7851	78.50	0.145	0.201	0.193	0.141	0.078	0.032	0.015	0.018	0.020	0.005
7861	78.60	-0.027	-0.053	-0.038	0.043	0.190	0.365	0.506	0.549	0.465	0.278
7871	78.70	0.064	-0.078	-0.066	0.121	0.429	0.745	0.942	0.935	0.718	0.370
7881	78.80	0.027	-0.179	-0.172	0.036	0.355	0.654	0.819	0.796	0.606	0.324
7891	78.90	0.043	-0.163	-0.262	-0.258	-0.174	-0.030	0.158	0.375	0.587	0.738
7901	79.00	0.763	0.622	0.328	-0.032	-0.326	-0.423	-0.261	0.116	0.565	0.894
7911	79.10	0.952	0.696	0.222	-0.277	-0.594	-0.603	-0.317	0.114	0.482	0.615
7921	79.20	0.461	0.110	-0.255	-0.451	-0.381	-0.086	0.287	0.559	0.612	0.448
7931	79.30	0.182	-0.022	-0.039	0.147	0.433	0.653	0.658	0.403	-0.034	-0.483
7941	79.40	-0.763	-0.773	-0.539	-0.198	0.067	0.112	-0.095	-0.472	-0.858	-1.097
7951	79.50	-1.102	-0.897	-0.588	-0.313	-0.170	-0.176	-0.265	-0.328	-0.271	-0.065
7961	79.60	0.244	0.547	0.727	0.704	0.468	0.079	-0.358	-0.732	-0.963	-1.022
7971	79.70	-0.927	-0.724	-0.468	-0.203	0.047	0.268	0.457	0.605	0.701	0.736
7981	79.80	0.707	0.622	0.502	0.373	0.257	0.168	0.102	0.048	-0.005	-0.057
7991	79.90	-0.093	-0.086	-0.007	0.154	0.379	0.615	0.782	0.803	0.627	0.259

Table 7-22-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-0.234	-0.737	-1.116	-1.264	-1.137	-0.771	-0.273	0.214	0.561	0.694
8011	80.10	0.616	0.399	0.151	-0.031	-0.097	-0.058	0.028	0.093	0.097	0.051
8021	80.20	0.009	0.038	0.175	0.397	0.622	0.743	0.677	0.414	0.034	-0.324
8031	80.30	-0.515	-0.456	-0.169	0.226	0.562	0.697	0.585	0.294	-0.024	-0.206
8041	80.40	-0.159	0.095	0.424	0.649	0.628	0.329	-0.151	-0.626	-0.897	-0.846
8051	80.50	-0.483	0.056	0.569	0.870	0.863	0.578	0.143	-0.266	-0.503	-0.499
8061	80.60	-0.283	0.047	0.359	0.542	0.532	0.329	-0.018	-0.427	-0.810	-1.095
8071	80.70	-1.242	-1.252	-1.162	-1.039	-0.949	-0.938	-1.009	-1.121	-1.203	-1.189
8081	80.80	-1.046	-0.800	-0.524	-0.315	-0.253	-0.360	-0.596	-0.868	-1.069	-1.123
8091	80.90	-1.009	-0.765	-0.468	-0.202	-0.024	0.046	0.020	-0.070	-0.193	-0.328
8101	81.00	-0.464	-0.596	-0.716	-0.813	-0.874	-0.891	-0.860	-0.779	-0.647	-0.458
8111	81.10	-0.212	0.080	0.381	0.636	0.785	0.784	0.632	0.378	0.112	-0.071
8121	81.20	-0.103	0.028	0.272	0.544	0.755	0.852	0.829	0.728	0.604	0.502
8131	81.30	0.435	0.386	0.332	0.259	0.183	0.139	0.166	0.279	0.455	0.642
8141	81.40	0.776	0.817	0.764	0.657	0.555	0.508	0.527	0.580	0.605	0.542
8151	81.50	0.366	0.102	-0.179	-0.387	-0.446	-0.326	-0.051	0.311	0.672	0.953
8161	81.60	1.107	1.124	1.024	0.842	0.615	0.373	0.142	-0.052	-0.187	-0.246
8171	81.70	-0.229	-0.156	-0.074	-0.038	-0.092	-0.243	-0.454	-0.651	-0.748	-0.690
8181	81.80	-0.476	-0.172	0.119	0.295	0.309	0.191	0.040	-0.024	0.082	0.355
8191	81.90	0.697	0.956	0.993	0.756	0.312	-0.168	-0.483	-0.494	-0.181	0.332
8201	82.00	0.841	1.144	1.132	0.839	0.409	0.034	-0.148	-0.108	0.065	0.221
8211	82.10	0.233	0.064	-0.214	-0.459	-0.539	-0.401	-0.099	0.230	0.436	0.433
8221	82.20	0.237	-0.050	-0.292	-0.397	-0.357	-0.244	-0.164	-0.190	-0.317	-0.465
8231	82.30	-0.522	-0.406	-0.120	0.251	0.580	0.759	0.756	0.623	0.466	0.377
8241	82.40	0.387	0.445	0.450	0.310	0.006	-0.393	-0.754	-0.942	-0.892	-0.639
8251	82.50	-0.302	-0.031	0.073	-0.005	-0.188	-0.355	-0.413	-0.344	-0.215	-0.141
8261	82.60	-0.216	-0.460	-0.798	-1.092	-1.202	-1.052	-0.671	-0.177	0.276	0.557
8271	82.70	0.615	0.487	0.266	0.059	-0.068	-0.107	-0.096	-0.091	-0.131	-0.219
8281	82.80	-0.325	-0.409	-0.441	-0.413	-0.339	-0.240	-0.134	-0.031	0.064	0.140
8291	82.90	0.174	0.145	0.043	-0.110	-0.265	-0.356	-0.336	-0.199	0.005	0.187
8301	83.00	0.256	0.162	-0.078	-0.378	-0.622	-0.712	-0.611	-0.362	-0.068	0.154
8311	83.10	0.220	0.114	-0.107	-0.345	-0.502	-0.517	-0.388	-0.162	0.092	0.315
8321	83.20	0.472	0.562	0.604	0.622	0.632	0.640	0.645	0.650	0.663	0.694
8331	83.30	0.749	0.824	0.898	0.946	0.935	0.848	0.630	0.451	0.196	-0.034
8341	83.40	-0.190	-0.238	-0.169	-0.010	0.180	0.328	0.370	0.281	0.088	-0.133
8351	83.50	-0.283	-0.284	-0.114	0.175	0.473	0.657	0.643	0.421	0.071	-0.278
8361	83.60	-0.493	-0.498	-0.299	0.020	0.334	0.529	0.542	0.376	0.085	-0.253
8371	83.70	-0.567	-0.810	-0.960	-1.012	-0.973	-0.866	-0.729	-0.621	-0.605	-0.721
8381	83.80	-0.960	-1.249	-1.466	-1.486	-1.233	-0.728	-0.086	0.511	0.888	0.941
8391	83.90	0.676	0.203	-0.314	-0.723	-0.935	-0.938	-0.781	-0.531	-0.238	0.070
8401	84.00	0.378	0.656	0.865	0.869	0.677	0.274	-0.249	-0.744	-1.053	-1.077
8411	84.10	-0.822	-0.397	0.031	0.311	0.372	0.251	0.063	-0.058	-0.030	0.135
8421	84.20	0.343	0.462	0.393	0.115	-0.300	-0.721	-1.013	-1.089	-0.938	-0.615
8431	84.30	-0.211	0.185	0.512	0.741	0.860	0.868	0.764	0.560	0.295	0.034
8441	84.40	-0.140	-0.160	-0.008	0.263	0.546	0.716	0.687	0.459	0.120	-0.180
8451	84.50	-0.300	-0.175	0.152	0.535	0.790	0.780	0.478	-0.005	-0.472	-0.717
8461	84.60	-0.629	-0.242	0.272	0.678	0.788	0.547	0.069	-0.419	-0.679	-0.580
8471	84.70	-0.166	0.365	0.745	0.776	0.424	-0.151	-0.667	-0.859	-0.604	0.004
8481	84.80	0.697	1.147	1.133	0.642	-0.112	-0.783	-1.057	-0.796	-0.102	0.729
8491	84.90	1.343	1.495	1.156	0.519	-0.096	-0.390	-0.224	0.333	1.040	1.603

Table 7-22-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	1.796	1.550	0.957	0.211	-0.481	-0.971	-1.201	-1.186	-0.972	-0.611
8511	85.10	-0.154	0.335	0.766	1.027	1.020	0.714	0.177	-0.431	-0.913	-1.111
8521	85.20	-0.979	-0.602	-0.158	0.162	0.242	0.089	-0.179	-0.397	-0.439	-0.275
8531	85.30	0.017	0.298	0.441	0.390	0.180	-0.094	-0.328	-0.468	-0.527	-0.561
8541	85.40	-0.626	-0.732	-0.829	-0.836	-0.689	-0.385	-0.003	0.331	0.493	0.422
8551	85.50	0.151	-0.211	-0.522	-0.673	-0.629	-0.439	-0.200	-0.009	0.080	0.078
8561	85.60	0.040	0.034	0.100	0.234	0.392	0.519	0.576	0.551	0.460	0.328
8571	85.70	0.171	-0.010	-0.217	-0.440	-0.634	-0.732	-0.657	-0.404	0.022	0.510
8581	85.80	0.917	1.111	1.031	0.713	0.287	-0.078	-0.236	-0.133	0.179	0.559
8591	85.90	0.841	0.905	0.726	0.377	-0.007	-0.292	-0.400	-0.339	-0.182	-0.024
8601	86.00	0.066	0.076	0.045	0.027	0.053	0.108	0.141	0.096	-0.045	-0.243
8611	86.10	-0.409	-0.453	-0.324	-0.048	0.281	0.542	0.646	0.577	0.402	0.231
8621	86.20	0.163	0.230	0.382	0.517	0.532	0.335	0.122	-0.144	-0.287	-0.235
8631	86.30	-0.009	0.279	0.476	0.458	0.189	-0.265	-0.763	-1.154	-1.336	-1.297
8641	86.40	-1.108	-0.882	-0.720	-0.669	-0.705	-0.760	-0.760	-0.666	-0.495	-0.315
8651	86.50	-0.213	-0.252	-0.443	-0.735	-1.028	-1.209	-1.201	-0.993	-0.650	-0.291
8661	86.60	-0.048	-0.008	-0.176	-0.463	-0.724	-0.816	-0.665	-0.309	0.113	0.415
8671	86.70	0.454	0.201	-0.231	-0.631	-0.779	-0.556	-0.006	0.674	1.210	1.385
8681	86.80	1.131	0.573	-0.032	-0.409	-0.394	-0.013	0.535	0.977	1.092	0.822
8691	86.90	0.291	-0.258	-0.582	-0.553	-0.214	0.253	0.629	0.762	0.646	0.408
8701	87.00	0.232	0.261	0.512	0.873	1.151	1.178	0.892	0.369	-0.208	-0.634
8711	87.10	-0.773	-0.606	-0.237	0.169	0.456	0.540	0.435	0.224	0.019	-0.094
8721	87.20	-0.082	0.033	0.196	0.345	0.436	0.451	0.400	0.306	0.202	0.122
8731	87.30	0.092	0.128	0.225	0.359	0.491	0.582	0.603	0.551	0.443	0.314
8741	87.40	0.189	0.081	-0.017	-0.125	-0.253	-0.395	-0.524	-0.607	-0.617	-0.551
8751	87.50	-0.431	-0.294	-0.174	-0.084	-0.021	0.028	0.069	0.093	0.075	-0.006
8761	87.60	-0.146	-0.307	-0.423	-0.426	-0.275	0.014	0.375	0.709	0.927	0.982
8771	87.70	0.883	0.685	0.458	0.254	0.089	-0.053	-0.196	-0.347	-0.481	-0.554
8781	87.80	-0.527	-0.395	-0.199	-0.016	0.074	0.028	-0.132	-0.330	-0.468	-0.468
8791	87.90	-0.319	-0.075	0.160	0.284	0.248	0.075	-0.150	-0.319	-0.357	-0.256
8801	88.00	-0.083	0.054	0.061	-0.099	-0.380	-0.675	-0.861	-0.862	-0.680	-0.398
8811	88.10	-0.144	-0.028	-0.090	-0.283	-0.492	-0.586	-0.486	-0.202	0.168	0.477
8821	88.20	0.598	0.485	0.193	-0.142	-0.365	-0.377	-0.180	0.119	0.357	0.392
8831	88.30	0.173	-0.226	-0.633	-0.851	-0.747	-0.316	0.310	0.908	1.259	1.239
8841	88.40	0.871	0.317	-0.196	-0.472	-0.427	-0.124	0.264	0.535	0.551	0.303
8851	88.50	-0.089	-0.433	-0.552	-0.369	0.060	0.569	0.955	1.065	0.862	0.431
8861	88.60	-0.060	-0.438	-0.595	-0.523	-0.307	-0.072	0.077	0.099	0.026	-0.061
8871	88.70	-0.084	0.000	0.179	0.397	0.586	0.690	0.687	0.580	0.389	0.137
8881	88.80	-0.147	-0.426	-0.648	-0.752	-0.686	-0.440	-0.060	0.350	0.661	0.767
8891	88.90	0.633	0.311	-0.076	-0.383	-0.506	-0.420	-0.180	0.109	0.343	0.467
8901	89.00	0.482	0.427	0.346	0.249	0.112	-0.097	-0.384	-0.700	-0.945	-1.013
8911	89.10	-0.841	-0.455	0.031	0.454	0.673	0.631	0.377	0.043	-0.216	-0.295
8921	89.20	-0.175	0.073	0.336	0.512	0.558	0.497	0.392	0.304	0.262	0.255
8931	89.30	0.244	0.199	0.112	0.003	-0.094	-0.158	-0.186	-0.192	-0.188	-0.174
8941	89.40	-0.134	-0.051	0.071	0.197	0.277	0.267	0.165	0.019	-0.093	-0.107
8951	89.50	-0.016	0.117	0.177	0.064	-0.251	-0.692	-1.104	-1.320	-1.242	-0.900
8961	89.60	-0.435	-0.040	0.143	0.085	-0.111	-0.275	-0.263	-0.039	0.296	0.561
8971	89.70	0.586	0.308	-0.187	-0.698	-1.006	-0.978	-0.628	-0.102	0.391	0.686
8981	89.80	0.724	0.563	0.329	0.132	0.012	-0.066	-0.177	-0.367	-0.611	-0.819
8991	89.90	-0.884	-0.753	-0.460	-0.127	0.104	0.140	-0.010	-0.240	-0.401	-0.385

Table 7-22-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	-0.179	0.122	0.367	0.428	0.263	-0.062	-0.414	-0.661	-0.732	-0.645
9011	90.10	-0.478	-0.318	-0.208	-0.127	-0.021	0.148	0.361	0.531	0.548	0.343
9021	90.20	-0.063	-0.546	-0.924	-1.041	-0.837	-0.388	0.131	0.519	0.639	0.481
9031	90.30	0.154	-0.168	-0.329	-0.265	-0.026	0.261	0.456	0.477	0.337	0.128
9041	90.40	-0.029	-0.048	0.083	0.297	0.490	0.573	0.515	0.361	0.200	0.127
9051	90.50	0.188	0.367	0.586	0.748	0.776	0.650	0.410	0.140	-0.070	-0.158
9061	90.60	-0.109	0.043	0.236	0.402	0.490	0.483	0.393	0.255	0.109	-0.007
9071	90.70	-0.073	-0.086	-0.064	-0.039	-0.045	-0.106	-0.225	-0.373	-0.503	-0.558
9081	90.80	-0.504	-0.343	-0.122	0.083	0.199	0.183	0.050	-0.135	-0.280	-0.314
9091	90.90	-0.215	-0.022	0.185	0.329	0.376	0.359	0.354	0.444	0.668	0.987
9101	91.00	1.296	1.471	1.428	1.169	0.789	0.430	0.221	0.212	0.355	0.528
9111	91.10	0.600	0.501	0.254	-0.035	-0.237	-0.272	-0.150	0.030	0.132	0.059
9121	91.20	-0.193	-0.528	-0.796	-0.867	-0.697	-0.354	0.019	0.272	0.324	0.197
9131	91.30	-0.003	-0.143	-0.143	-0.011	0.158	0.238	0.144	-0.119	-0.457	-0.726
9141	91.40	-0.813	-0.685	-0.415	-0.137	0.016	-0.022	-0.218	-0.460	-0.617	-0.600
9151	91.50	-0.406	-0.114	0.161	0.319	0.330	0.232	0.108	0.036	0.049	0.118
9161	91.60	0.176	0.157	0.033	-0.168	-0.378	-0.523	-0.559	-0.496	-0.386	-0.296
9171	91.70	-0.271	-0.313	-0.384	-0.430	-0.409	-0.323	-0.212	-0.140	-0.158	-0.282
9181	91.80	-0.478	-0.676	-0.799	-0.795	-0.659	-0.428	-0.173	0.036	0.152	0.165
9191	91.90	0.101	0.002	-0.089	-0.146	-0.170	-0.181	-0.206	-0.262	-0.345	-0.428
9201	92.00	-0.468	-0.421	-0.262	-0.002	0.316	0.627	0.865	0.991	1.006	0.950
9211	92.10	0.882	0.853	0.874	0.912	0.899	0.771	0.501	0.125	-0.265	-0.555
9221	92.20	-0.657	-0.547	-0.283	0.023	0.254	0.338	0.279	0.147	0.041	0.030
9231	92.30	0.117	0.234	0.284	0.194	-0.036	-0.322	-0.528	-0.528	-0.273	0.177
9241	92.40	0.671	1.028	1.111	0.885	0.431	-0.094	-0.525	-0.753	-0.767	-0.636
9251	92.50	-0.471	-0.362	-0.339	-0.370	-0.390	-0.341	-0.213	-0.051	0.069	0.080
9261	92.60	-0.036	-0.235	-0.422	-0.495	-0.386	-0.094	0.310	0.707	0.976	1.034
9271	92.70	0.869	0.540	0.159	-0.156	-0.314	-0.288	-0.114	0.120	0.315	0.398
9281	92.80	0.348	0.201	0.030	-0.088	-0.109	-0.038	0.076	0.167	0.188	0.131
9291	92.90	0.034	-0.043	-0.053	0.012	0.113	0.185	0.172	0.057	-0.122	-0.292
9301	93.00	-0.379	-0.349	-0.226	-0.084	-0.005	-0.042	-0.188	-0.382	-0.541	-0.602
9311	93.10	-0.554	-0.439	-0.327	-0.273	-0.285	-0.326	-0.330	-0.250	-0.093	0.084
9321	93.20	0.192	0.161	-0.017	-0.282	-0.523	-0.634	-0.561	-0.329	-0.030	0.220
9331	93.30	0.338	0.304	0.169	0.018	-0.074	-0.080	-0.029	0.012	-0.017	-0.136
9341	93.40	-0.314	-0.480	-0.565	-0.531	-0.392	-0.205	-0.039	0.055	0.065	0.017
9351	93.50	-0.043	-0.075	-0.065	-0.024	0.021	0.048	0.050	0.035	0.017	0.002
9361	93.60	-0.020	-0.074	-0.179	-0.334	-0.512	-0.658	-0.709	-0.624	-0.395	-0.062
9371	93.70	0.305	0.623	0.827	0.885	0.807	0.635	0.425	0.228	0.076	-0.019
9381	93.80	-0.060	-0.055	-0.006	0.089	0.233	0.422	0.632	0.820	0.931	0.915
9391	93.90	0.750	0.449	0.067	-0.312	-0.596	-0.717	-0.644	-0.393	-0.024	0.380
9401	94.00	0.733	0.969	1.047	0.965	0.750	0.457	0.149	-0.112	-0.281	-0.344
9411	94.10	-0.323	-0.261	-0.212	-0.206	-0.240	-0.273	-0.243	-0.102	0.149	0.452
9421	94.20	0.702	0.789	0.650	0.306	-0.143	-0.551	-0.789	-0.802	-0.631	-0.388
9431	94.30	-0.201	-0.143	-0.198	-0.270	-0.240	-0.040	0.300	0.657	0.869	0.826
9441	94.40	0.532	0.118	-0.211	-0.277	-0.022	0.458	0.945	1.205	1.100	0.657
9451	94.50	0.062	-0.428	-0.614	-0.443	-0.038	0.370	0.552	0.401	-0.021	-0.514
9461	94.60	-0.846	-0.861	-0.555	-0.071	0.385	0.645	0.660	0.507	0.338	0.279
9471	94.70	0.360	0.500	0.550	0.392	0.009	-0.486	-0.900	-1.052	-0.863	-0.401
9481	94.80	0.151	0.574	0.716	0.552	0.188	-0.200	-0.455	-0.509	-0.401	-0.242
9491	94.90	-0.146	-0.169	-0.285	-0.406	-0.438	-0.333	-0.117	0.131	0.322	0.405

Table 7-22-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1214 S601-DA-2-1 HA. (HA.) SHIJYUSHIDA DAM MAX. ACC. = 143.504 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	0.393	0.350	0.357	0.456	0.633	0.818	0.917	0.863	0.642	0.307
9511	95.10	-0.049	-0.329	-0.469	-0.457	-0.330	-0.155	0.003	0.098	0.112	0.054
9521	95.20	-0.050	-0.172	-0.286	-0.373	-0.424	-0.430	-0.391	-0.305	-0.175	-0.008
9531	95.30	0.179	0.355	0.478	0.503	0.394	0.146	-0.208	-0.593	-0.915	-1.092
9541	95.40	-1.081	-0.905	-0.639	-0.382	-0.218	-0.177	-0.226	-0.289	-0.288	-0.186
9551	95.50	-0.007	0.173	0.262	0.202	-0.002	-0.285	-0.549	-0.716	-0.760	-0.718
9561	95.60	-0.663	-0.660	-0.727	-0.826	-0.883	-0.834	-0.665	-0.431	-0.228	-0.149
9571	95.70	-0.228	-0.421	-0.623	-0.715	-0.630	-0.388	-0.093	0.116	0.134	-0.057
9581	95.80	-0.373	-0.662	-0.776	-0.645	-0.296	0.142	0.505	0.662	0.578	0.321
9591	95.90	0.029	-0.153	-0.137	0.074	0.398	0.710	0.904	0.930	0.809	0.609
9601	96.00	0.410	0.264	0.183	0.145	0.113	0.069	0.019	-0.008	0.018	0.106
9611	96.10	0.233	0.350	0.406	0.369	0.251	0.100	-0.013	-0.032	0.064	0.246
9621	96.20	0.444	0.577	0.585	0.454	0.219	-0.048	-0.269	-0.393	-0.410	-0.355
9631	96.30	-0.283	-0.244	-0.262	-0.322	-0.381	-0.393	-0.331	-0.198	-0.025	0.144
9641	96.40	0.272	0.348	0.382	0.396	0.403	0.402	0.375	0.303	0.186	0.050
9651	96.50	-0.052	-0.064	0.046	0.264	0.532	0.771	0.909	0.919	0.824	0.689
9661	96.60	0.580	0.538	0.554	0.580	0.564	0.481	0.355	0.249	0.230	0.327
9671	96.70	0.497	0.641	0.645	0.439	0.044	-0.420	-0.783	-0.895	-0.701	-0.276
9681	96.80	0.203	0.527	0.548	0.249	-0.249	-0.738	-1.014	-0.966	-0.619	-0.119
9691	96.90	0.339	0.598	0.600	0.396	0.113	-0.120	-0.229	-0.215	-0.140	-0.074
9701	97.00	-0.059	-0.081	-0.098	-0.071	0.001	0.073	0.076	-0.033	-0.239	-0.461
9711	97.10	-0.590	-0.540	-0.301	0.043	0.349	0.475	0.348	0.006	-0.423	-0.769
9721	97.20	-0.899	-0.773	-0.458							

Table 7-23-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-2.009	-2.423	-1.517	0.607	3.313	5.635	6.647	5.865	3.517	0.534
11	0.10	-1.766	-2.213	-0.329	3.360	7.422	10.029	9.713	6.060	0.016	-6.363
21	0.20	-10.658	-11.051	-7.094	0.058	8.062	14.294	16.860	15.272	10.535	4.618
31	0.30	-0.408	-3.176	-3.439	-1.976	-0.097	0.966	0.503	-1.515	-4.559	-7.760
41	0.40	-10.117	-10.635	-8.476	-3.211	4.838	14.307	22.822	27.525	26.073	17.763
51	0.50	4.252	-10.591	-21.851	-25.411	-19.735	-6.774	8.538	20.094	23.050	15.858
61	0.60	0.968	-16.107	-29.019	-33.110	-27.191	-13.825	1.905	14.523	20.233	18.075
71	0.70	9.841	-1.037	-10.949	-17.279	-18.865	-15.828	-9.088	0.021	9.851	18.404
81	0.80	23.421	22.853	15.662	2.611	-13.463	-28.209	-37.113	-37.160	-28.083	-12.614
91	0.90	4.461	18.081	24.769	23.798	17.182	8.571	1.591	-1.611	-1.013	1.626
101	1.00	3.846	3.716	0.659	-4.431	-9.741	-13.409	-14.394	-12.386	-8.598	-4.399
111	1.10	-1.189	0.154	-0.474	-2.398	-4.365	-4.905	-2.812	2.360	9.916	17.964
121	1.20	23.808	24.795	19.376	7.980	-6.731	-20.490	-28.807	-28.668	-19.850	-5.265
131	1.30	10.047	20.584	22.709	16.055	3.706	-8.917	-16.342	-15.249	-5.868	8.097
141	1.40	20.989	27.530	24.984	14.246	-0.573	-13.887	-20.932	-19.664	-11.472	-0.450
151	1.50	8.414	11.346	7.295	-1.744	-11.684	-18.110	-18.095	-11.324	-0.109	11.631
161	1.60	19.951	22.349	18.568	10.479	1.189	-6.202	-9.693	-8.930	-5.106	-0.329
171	1.70	3.233	4.097	1.894	-2.619	-7.879	-12.047	-13.561	-11.596	-6.316	1.128
181	1.80	8.876	14.851	17.368	15.673	10.250	2.748	-4.494	-9.201	-9.950	-6.724
191	1.90	-0.981	4.802	8.007	6.856	1.211	-7.320	-15.740	-20.716	-19.781	-12.332
201	2.00	-0.012	13.694	24.577	29.136	25.842	15.729	2.077	-10.732	-18.768	-19.929
211	2.10	-14.617	-5.460	3.794	9.740	10.548	6.479	-0.462	-7.511	-12.296	-13.629
221	2.20	-11.662	-7.433	-2.147	3.400	8.937	14.371	19.261	22.488	22.433	17.652
231	2.30	7.766	-5.909	-20.376	-31.741	-36.496	-32.807	-21.256	-4.777	12.376	25.907
241	2.40	32.826	32.186	25.082	14.017	1.955	-8.542	-15.839	-19.322	-19.203	-16.185
251	2.50	-11.201	-5.251	0.652	5.534	8.546	9.122	7.138	3.024	-2.251	-7.350
261	2.60	-10.864	-11.692	-9.396	-4.422	1.920	7.771	11.291	11.315	7.864	2.263
271	2.70	-3.259	-6.402	-5.762	-1.515	4.526	9.600	11.194	8.240	1.758	-5.431
281	2.80	-9.858	-8.976	-2.441	7.528	16.937	21.667	19.286	10.203	-2.383	-13.753
291	2.90	-19.622	-17.914	-9.593	1.831	11.845	16.855	15.591	9.433	1.543	-4.710
301	3.00	-7.287	-6.258	-3.511	-1.602	-2.341	-5.823	-10.376	-13.423	-12.809	-7.942
311	3.10	-0.178	7.734	12.877	13.465	9.609	3.177	-3.139	-7.098	-7.890	-6.359
321	3.20	-4.378	-3.732	-5.084	-7.577	-9.297	-8.364	-4.086	2.424	8.557	11.332
331	3.30	8.844	1.312	-8.800	-17.688	-21.780	-19.237	-10.711	0.982	12.101	19.523
341	3.40	21.880	19.790	15.169	10.042	5.536	1.541	-2.803	-8.163	-14.182	-19.310
351	3.50	-21.457	-19.130	-12.452	-3.444	4.680	8.934	8.005	2.993	-3.005	-6.520
361	3.60	-4.520	2.304	11.397	18.506	19.817	13.799	2.063	-11.173	-20.814	-23.038
371	3.70	-16.930	-4.866	8.476	18.044	20.434	15.154	4.669	-6.717	-14.614	-16.176
381	3.80	-11.006	-1.065	10.253	19.416	23.910	22.866	17.043	8.325	-1.007	-8.945
391	3.90	-14.173	-16.205	-15.292	-12.194	-7.914	-3.445	0.419	3.214	4.830	5.455
401	4.00	5.447	5.176	4.902	4.738	4.677	4.680	4.751	4.951	5.345	5.913
411	4.10	6.476	6.698	6.180	4.608	1.918	-1.613	-5.376	-8.551	-10.314	-10.067
421	4.20	-7.638	-3.403	1.717	6.417	9.303	9.289	5.995	-0.009	-7.227	-13.589
431	4.30	-17.085	-16.478	-11.819	-4.552	2.928	8.119	9.366	6.534	1.093	-4.653
441	4.40	-7.588	-6.832	-2.368	4.036	9.779	12.528	11.184	6.293	-0.261	-6.120
451	4.50	-9.451	-9.640	-7.377	-4.152	-1.452	-0.071	0.147	0.046	0.566	2.164
461	4.60	4.556	6.896	8.258	8.146	6.731	4.714	2.897	1.734	1.114	0.503
471	4.70	-0.661	-2.547	-4.766	-6.549	-7.188	-6.473	-4.877	-3.339	-2.772	-3.542
481	4.80	-5.222	-6.772	-7.049	-5.401	-2.000	2.249	6.173	8.912	10.288	10.750
491	4.90	10.951	11.195	11.121	9.819	6.374	0.535	-6.856	-13.976	-18.670	-19.361

Table 7-23-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1215 S691-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-15.790	-9.199	-1.849	3.905	6.559	5.977	3.263	0.089	-2.159	-2.983
511	5.10	-2.847	-2.723	-3.398	-4.927	-6.526	-6.968	-5.251	-1.202	4.304	9.615
521	5.20	12.940	13.058	9.784	4.029	-2.540	-8.069	-11.071	-10.813	-7.442	-1.897
531	5.30	4.349	9.626	12.475	12.041	8.382	2.562	-3.579	-7.980	-9.102	-6.575
541	5.40	-1.450	6.123	7.739	7.784	4.224	-1.236	-5.782	-6.675	-2.515	5.984
551	5.50	16.069	23.907	26.048	20.810	9.033	-6.120	-20.219	-29.072	-30.122	-23.254
561	5.60	-10.754	3.490	15.241	21.196	19.907	12.110	0.400	-11.603	-20.362	-23.465
571	5.70	-20.299	-12.150	-1.684	8.015	14.517	16.818	15.515	12.324	9.153	7.173
581	5.80	6.324	5.498	3.311	-0.929	-6.600	-11.840	-14.351	-12.570	-6.596	1.610
591	5.90	8.947	12.505	10.887	4.877	-2.914	-9.244	-11.734	-9.915	-5.335	-0.679
601	6.00	1.623	0.607	-2.808	-6.364	-7.673	-5.437	-0.082	6.492	11.868	14.229
611	6.10	13.079	9.241	4.224	-0.612	-4.604	-7.770	-10.330	-12.143	-12.491	-10.431
621	6.20	-5.520	1.513	8.651	13.221	13.068	7.706	-1.188	-10.261	-15.834	-15.499
631	6.30	-9.239	0.493	9.793	14.948	13.968	7.329	-2.361	-11.543	-17.144	-17.641
641	6.40	-13.362	-6.031	2.084	8.973	13.324	14.570	12.719	8.226	1.996	-4.554
651	6.50	-9.605	-11.363	-8.753	-2.092	6.680	14.452	18.038	15.503	7.118	-4.547
661	6.60	-15.515	-21.955	-21.717	-15.175	-5.004	4.994	11.474	12.824	9.594	3.975
671	6.70	-1.362	-4.462	-4.779	-3.106	-0.899	0.588	0.899	0.422	-0.041	0.105
681	6.80	0.826	1.464	1.154	-0.598	-3.504	-6.497	-8.155	-7.351	-3.820	1.631
691	6.90	7.364	11.503	12.627	10.292	5.196	-1.059	-6.495	-9.401	-8.873	-5.095
701	7.00	0.718	6.696	10.910	12.001	9.658	4.755	-0.917	-5.280	-6.733	-4.787
711	7.10	-0.297	4.838	8.408	8.793	5.662	0.158	-5.524	-9.022	-8.788	-4.775
721	7.20	1.494	7.489	10.678	9.551	4.265	-3.363	-10.514	-14.419	-13.421	-7.624
731	7.30	1.099	9.751	15.267	15.607	10.481	1.462	-8.552	-16.341	-19.448	-16.989
741	7.40	-9.877	-0.232	8.461	14.435	16.176	13.885	8.886	3.005	-2.132	-5.582
751	7.50	-7.181	-7.304	-6.472	-5.049	-3.168	-0.892	1.544	3.600	4.531	3.716
761	7.60	1.036	-2.900	-6.846	-9.322	-9.186	-6.114	-0.780	5.342	10.469	13.098
771	7.70	12.463	8.725	2.870	-3.588	-9.001	-11.967	-11.637	-7.948	-1.709	5.483
781	7.80	11.582	14.654	13.526	8.300	0.483	-7.423	-12.767	-13.752	-10.167	-3.503
791	7.90	3.633	8.564	9.728	7.099	2.261	-2.496	-5.237	-5.228	-3.156	-0.631
801	8.00	0.725	0.146	-1.906	-4.039	-4.705	-3.059	0.562	4.754	7.709	8.053
811	8.10	5.473	0.844	-4.176	-7.836	-8.947	-7.232	-3.285	1.762	6.650	10.319
821	8.20	12.087	11.706	9.384	5.769	1.866	-1.186	-2.492	-1.804	0.253	2.318
831	8.30	2.842	0.845	-3.458	-8.538	-12.087	-12.052	-7.711	-0.246	7.531	12.279
841	8.40	11.596	5.251	-4.757	-14.451	-19.916	-18.701	-10.905	0.840	12.436	19.952
851	8.50	21.105	16.002	6.883	-2.927	-10.344	-13.568	-12.478	-8.323	-2.985	1.812
861	8.60	5.017	6.371	6.196	5.061	3.501	1.900	0.491	-0.576	-1.209	-1.393
871	8.70	-1.227	-0.930	-0.781	-1.018	-1.740	-2.853	-4.088	-5.077	-5.447	-4.910
881	8.80	-3.349	-0.884	2.089	4.920	6.822	7.102	5.438	2.107	-1.980	-5.490
891	8.90	-7.123	-6.122	-2.648	2.186	6.687	9.213	8.851	5.811	1.387	-2.544
901	9.00	-4.270	-2.953	1.002	6.049	10.060	10.997	7.827	0.749	-8.693	-18.019
911	9.10	-24.471	-25.769	-20.758	-9.823	5.058	20.643	33.107	38.960	35.998	24.024
921	9.20	5.122	-16.684	-36.367	-49.081	-51.665	-43.368	-26.184	-4.299	17.080	33.158
931	9.30	40.802	39.221	29.902	15.879	0.667	-12.762	-22.462	-27.757	-28.653	-25.448
941	9.40	-18.437	-8.035	4.795	18.126	29.066	34.393	31.731	20.805	4.142	-13.302
951	9.50	-25.660	-28.359	-20.142	-3.938	13.926	26.060	26.990	15.564	-4.317	-25.061
961	9.60	-38.361	-38.571	-25.057	-2.499	20.978	37.068	40.515	30.992	12.870	-6.882
971	9.70	-21.680	-27.836	-25.567	-18.212	-10.170	-4.649	-2.265	-1.122	1.800	8.668
981	9.80	19.255	30.579	37.945	36.928	25.453	5.057	-19.232	-40.418	-51.893	-49.775
991	9.90	-34.350	-10.075	15.846	35.853	44.504	40.193	25.499	6.062	-11.573	-22.340

Table 7-23-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-24.355	-19.321	-11.505	-5.734	-5.253	-10.331	-18.179	-24.217	-24.114	-15.764
1011	10.10	-0.328	18.062	33.816	41.976	40.022	28.704	11.618	-6.230	-20.218	-27.565
1021	10.20	-27.897	-22.844	-14.958	-6.512	1.270	8.265	14.834	20.957	25.611	26.835
1031	10.30	22.536	11.744	-4.283	-21.762	-35.221	-39.366	-31.312	-12.223	12.479	34.672
1041	10.40	46.443	43.244	25.962	0.889	-22.563	-35.591	-33.606	-18.163	3.719	22.587
1051	10.50	30.639	25.033	8.924	-10.142	-23.887	-26.965	-19.228	-5.411	7.426	13.393
1061	10.60	10.454	1.069	-9.385	-15.469	-14.298	-6.630	3.966	13.240	18.408	19.177
1071	10.70	17.191	14.432	11.675	8.006	1.733	-7.888	-19.271	-28.481	-30.841	-23.459
1081	10.80	-7.298	12.467	28.257	33.359	25.119	6.444	-15.229	-31.107	-34.888	-25.464
1091	10.90	-7.215	12.183	25.325	28.256	21.811	10.586	0.249	-5.358	-5.867	-4.032
1101	11.00	-3.736	-7.489	-14.794	-22.204	-25.023	-19.749	-6.034	12.804	30.935	42.292
1111	11.10	42.949	32.604	14.618	-5.279	-21.053	-28.377	-25.925	-15.609	-1.759	10.416
1121	11.20	16.608	14.901	6.490	-4.663	-13.230	-14.607	-6.950	7.668	23.640	33.808
1131	11.30	32.428	17.922	-5.866	-30.678	-46.925	-47.697	-31.952	-5.375	21.657	38.289
1141	11.40	37.804	20.575	-6.022	-30.772	-43.493	-39.427	-21.150	2.835	22.150	29.309
1151	11.50	22.989	8.297	-5.995	-11.863	-5.938	8.947	25.240	34.401	31.016	15.324
1161	11.60	-6.972	-27.419	-38.645	-37.433	-25.672	-8.911	6.558	16.513	20.141	19.422
1171	11.70	17.138	14.801	11.736	5.819	-4.615	-18.902	-33.416	-42.729	-42.061	-29.807
1181	11.80	-8.742	14.790	33.430	41.866	38.904	27.601	13.399	1.370	-6.028	-9.529
1191	11.90	-11.794	-15.137	-19.616	-22.657	-20.477	-10.566	6.211	25.143	39.302	42.573
1201	12.00	32.619	12.278	-11.389	-29.997	-37.327	-31.780	-16.703	1.432	16.008	22.910
1211	12.10	21.680	14.857	6.123	-1.605	-7.153	-10.823	-13.320	-14.766	-14.494	-11.746
1221	12.20	-6.702	-1.020	2.684	2.294	-2.250	-8.312	-11.500	-7.919	3.344	18.931
1231	12.30	32.058	35.399	24.748	1.643	-26.529	-49.261	-57.394	-47.277	-22.597	7.081
1241	12.40	30.473	39.501	32.682	15.403	-2.982	-13.751	-12.857	-2.477	10.573	18.626
1251	12.50	17.156	6.983	-6.376	-15.747	-16.095	-7.110	6.692	18.327	21.867	15.321
1261	12.60	1.461	-13.705	-23.912	-25.490	-18.696	-7.028	4.892	13.601	18.011	19.062
1271	12.70	18.264	16.191	11.979	4.162	-7.677	-21.571	-33.186	-37.461	-31.182	-15.125
1281	12.80	5.520	22.924	29.931	23.359	5.646	-16.047	-32.938	-38.476	-31.109	-14.672
1291	12.90	3.699	17.022	21.541	17.966	10.410	3.801	1.228	2.635	5.430	6.474
1301	13.00	4.194	-0.457	-4.695	-5.792	-2.934	2.128	6.106	6.303	2.573	-2.177
1311	13.10	-3.421	2.267	14.674	29.150	38.244	35.201	17.670	-10.323	-39.306	-58.036
1321	13.20	-58.306	-38.716	-5.600	29.383	53.940	60.051	46.963	21.067	-7.124	-27.407
1331	13.30	-33.799	-26.349	-10.359	6.352	16.781	17.296	8.537	-5.364	-18.674	-26.200
1341	13.40	-24.962	-14.987	0.812	17.527	29.657	32.720	24.716	7.014	-15.724	-36.717
1351	13.50	-49.125	-48.351	-33.728	-8.907	19.312	43.260	56.926	57.723	46.877	28.425
1361	13.60	7.425	-11.768	-26.459	-35.607	-39.164	-37.344	-30.325	-18.510	-3.050	13.826
1371	13.70	29.033	39.403	42.670	38.181	27.025	11.572	-5.248	-20.565	-31.876	-37.136
1381	13.80	-34.919	-24.859	-8.291	11.323	28.730	38.236	35.785	20.961	-2.150	-25.896
1391	13.90	-41.714	-43.504	-30.275	-6.793	18.204	35.502	39.129	28.625	8.911	-12.081
1401	14.00	-26.837	-31.133	-25.124	-12.410	2.188	14.840	23.803	29.056	31.020	29.382
1411	14.10	22.908	10.409	-7.740	-28.593	-46.956	-57.134	-55.327	-41.461	-19.455	4.302
1421	14.20	23.513	34.325	36.314	31.740	23.674	14.180	3.652	-8.337	-21.338	-32.702
1431	14.30	-37.777	-31.887	-13.229	14.892	44.015	63.164	63.299	41.614	3.562	-38.610
1441	14.40	-70.405	-80.804	-66.644	-33.685	6.073	39.518	57.605	58.271	45.964	28.347
1451	14.50	12.080	-0.114	-9.701	-20.042	-33.029	-46.707	-55.349	-52.100	-32.878	0.531
1461	14.60	39.929	73.210	88.937	80.945	50.929	7.877	-35.325	-66.562	-78.453	-70.113
1471	14.70	-46.339	-15.005	15.928	40.535	55.605	60.181	54.746	40.745	20.669	-1.714
1481	14.80	-21.593	-34.201	-36.534	-28.882	-15.222	-1.958	4.711	1.661	-9.441	-22.569
1491	14.90	-29.927	-25.607	-8.632	16.131	39.735	52.884	49.959	31.486	3.909	-23.196

Table 7-23-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-41.154	-45.591	-37.694	-22.889	-7.768	3.111	8.969	12.305	16.605	23.605
1511	15.10	31.686	36.342	32.551	17.812	-5.783	-31.666	-51.216	-57.451	-48.240	-27.433
1521	15.20	-3.300	15.078	21.799	16.637	4.867	-5.502	-7.752	0.174	14.602	27.865
1531	15.30	32.050	22.955	2.388	-22.318	-41.357	-46.684	-35.494	-11.385	17.238	40.724
1541	15.40	52.004	49.020	34.779	15.278	-3.490	-17.922	-27.492	-33.624	-37.649	-39.156
1551	15.50	-35.824	-24.905	-5.556	19.354	43.204	57.702	56.329	37.596	6.449	-27.029
1561	15.60	-51.289	-57.836	-44.655	-17.012	14.743	39.390	49.234	42.791	24.717	3.224
1571	15.70	-13.701	-21.488	-20.239	-13.710	-6.786	-2.854	-2.381	-3.290	-2.715	0.937
1581	15.80	6.810	11.941	12.910	7.876	-2.135	-13.404	-21.119	-21.608	-14.097	-1.131
1591	15.90	12.536	22.018	24.325	19.419	9.887	-0.498	-8.516	-12.705	-13.507	-12.465
1601	16.00	-11.027	-9.681	-7.870	-4.672	0.241	5.981	10.586	11.901	8.754	1.771
1611	16.10	-6.633	-13.154	-15.003	-11.143	-2.785	7.068	14.839	17.762	14.877	7.238
1621	16.20	-2.646	-11.805	-17.788	-19.278	-16.219	-9.578	-0.969	7.691	14.468	17.689
1631	16.30	16.316	10.352	1.121	-8.819	-16.269	-18.401	-13.862	-3.499	9.654	21.252
1641	16.40	27.092	24.636	13.990	-2.038	-18.839	-31.504	-36.393	-32.202	-20.225	-3.800
1651	16.50	12.789	25.549	31.787	30.656	23.182	11.826	-0.248	-10.033	-15.454	-15.877
1661	16.60	-12.183	-6.368	-0.760	2.866	3.937	3.203	2.242	2.555	4.672	7.727
1671	16.70	9.762	8.788	3.774	-4.361	-12.914	-18.369	-17.950	-11.011	0.419	12.273
1681	16.80	20.054	20.739	14.102	2.863	-8.447	-15.380	-15.400	-8.838	1.420	11.284
1691	16.90	17.208	17.532	12.888	5.602	-1.491	-6.206	-7.636	-6.088	-2.541	1.947
1701	17.00	6.531	10.508	13.065	13.196	9.983	3.193	-6.177	-15.813	-22.673	-24.136
1711	17.10	-19.190	-9.085	2.771	13.014	17.896	16.545	10.271	2.002	-5.146	-9.266
1721	17.20	-10.301	-9.672	-9.137	-9.559	-10.300	-9.605	-5.778	1.506	10.530	17.971
1731	17.30	20.332	15.700	4.945	-8.313	-19.043	-22.883	-18.026	-6.048	8.726	20.990
1741	17.40	26.579	24.014	14.839	2.743	-8.060	-14.411	-15.099	-10.851	-3.615	4.376
1751	17.50	11.298	15.954	17.660	16.040	11.027	3.081	-6.542	-15.769	-22.135	-23.578
1761	17.60	-19.296	-10.235	1.070	11.326	17.645	18.567	14.498	7.418	0.005	-5.409
1771	17.70	-7.614	-6.756	-4.029	-1.029	0.896	1.055	-0.496	-3.127	-5.923	-7.966
1781	17.80	-8.553	-7.350	-4.501	-0.660	3.116	5.637	5.987	3.915	0.025	-4.363
1791	17.90	-7.690	-8.780	-7.331	-4.033	-0.237	2.679	3.938	3.666	2.719	2.129
1801	18.00	2.469	3.484	4.203	3.495	0.765	-3.571	-8.116	-11.039	-10.903	-7.356
1811	18.10	-1.358	5.184	10.192	12.243	11.063	7.506	3.054	-0.863	-3.395	-4.426
1821	18.20	-4.342	-3.611	-2.447	-0.753	1.655	4.690	7.772	9.899	10.028	7.591
1831	18.30	2.879	-2.922	-8.086	-10.967	-10.607	-7.077	-1.433	4.690	9.624	12.158
1841	18.40	11.778	8.650	3.444	-2.894	-9.289	-14.628	-17.846	-18.101	-15.032	-9.019
1851	18.50	-1.292	6.263	11.608	13.229	10.724	5.019	-1.920	-7.823	-10.992	-10.955
1861	18.60	-8.580	-5.593	-3.695	-3.704	-5.132	-6.420	-5.761	-2.107	4.122	11.023
1871	18.70	15.936	16.637	12.423	4.581	-4.037	-10.180	-11.604	-8.058	-1.405	5.215
1881	18.80	8.801	7.832	2.920	-3.530	-8.481	-9.586	-6.700	-1.009	4.751	8.093
1891	18.90	7.840	4.601	0.346	-2.653	-2.979	-0.723	2.669	5.246	5.617	3.686
1901	19.00	0.656	-1.669	-1.885	0.229	3.593	6.404	7.109	5.224	1.570	-2.202
1911	19.10	-4.524	-4.753	-3.465	-2.049	-1.809	-3.126	-5.144	-6.225	-4.941	-1.069
1921	19.20	4.007	7.780	7.820	5.125	-5.107	-13.741	-18.961	-17.991	-10.456	1.276
1931	19.30	12.991	20.369	20.792	14.405	3.969	-6.384	-12.899	-13.649	-9.100	-1.615
1941	19.40	5.744	10.509	11.631	9.554	5.660	1.490	-1.860	-3.921	-4.674	-4.248
1951	19.50	-2.755	-0.346	2.584	5.289	6.819	6.415	3.958	0.195	-3.459	-5.488
1961	19.60	-4.966	-2.011	2.237	6.131	8.247	7.987	5.727	2.486	-0.685	-3.223
1971	19.70	-5.215	-7.113	-9.216	-11.268	-12.428	-11.693	-8.527	-3.359	2.389	6.794
1981	19.80	8.243	6.171	1.351	-4.399	-8.959	-10.734	-9.196	-4.938	0.707	6.240
1991	19.90	10.464	12.675	12.605	10.276	5.955	0.240	-5.814	-10.728	-12.934	-11.349

Table 7-23-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-5.956	1.931	9.953	15.501	16.720	13.281	6.544	-0.985	-6.674	-8.804
2011	20.10	-7.168	-2.975	1.821	5.436	6.953	6.508	4.951	3.238	1.901	0.878
2021	20.20	-0.257	-1.843	-3.763	-5.384	-5.850	-4.566	-1.595	2.246	5.663	7.395
2031	20.30	6.725	3.749	-0.682	-5.294	-8.825	-10.390	-9.657	-6.856	-2.660	1.956
2041	20.40	5.881	8.055	7.710	4.633	-0.637	-6.805	-12.102	-14.802	-13.837	-9.259
2051	20.50	-2.330	4.839	9.998	11.556	9.160	3.827	-2.435	-7.351	-9.186	-7.319
2061	20.60	-2.413	3.881	9.525	12.781	12.749	9.593	4.412	-1.164	-5.511	-7.493
2071	20.70	-6.765	-3.809	0.285	4.206	6.849	7.639	6.660	4.539	2.170	0.353
2081	20.80	-0.479	-0.386	0.168	0.542	0.212	-1.013	-2.906	-4.907	-6.326	-6.603
2091	20.90	-5.506	-3.236	-0.373	2.296	4.024	4.351	3.262	1.207	-1.053	-2.713
2101	21.00	-3.219	-2.477	-0.882	0.868	2.080	2.382	1.891	1.132	0.755	1.162
2111	21.10	2.244	3.378	3.698	2.552	-0.110	-3.581	-6.620	-7.946	-6.808	-3.368
2121	21.20	1.304	5.619	8.084	7.871	5.108	0.771	-3.746	-7.169	-8.767	-8.496
2131	21.30	-6.868	-4.645	-2.541	-1.036	-0.342	-0.454	-1.209	-2.292	-3.238	-3.481
2141	21.40	-2.521	-0.180	3.177	6.595	8.776	8.567	5.528	0.785	-5.517	-9.747
2151	21.50	-10.599	-7.375	-0.864	6.872	13.255	16.177	14.810	9.882	3.315	-2.596
2161	21.60	-6.093	-6.560	-4.580	-1.478	1.389	3.232	4.052	4.416	4.953	5.872
2171	21.70	6.767	6.820	5.271	1.916	-2.655	-7.209	-10.348	-11.091	-9.280	-5.621
2181	21.80	-1.372	2.177	4.174	4.417	3.271	1.367	-0.724	-2.658	-4.301	-5.560
2191	21.90	-6.240	-6.046	-4.748	-2.419	0.419	2.878	4.025	3.305	0.866	-2.421
2201	22.00	-5.285	-6.593	-5.867	-3.511	-0.629	1.482	1.947	0.712	-1.448	-3.330
2211	22.10	-3.896	-2.779	-0.444	2.064	3.648	3.683	2.277	0.153	-1.773	-2.866
2221	22.20	-3.053	-2.754	-2.540	-2.709	-3.059	-2.980	-1.843	0.543	3.676	6.481
2231	22.30	7.779	6.882	4.000	0.236	-2.856	-3.959	-2.586	0.707	4.590	7.571
2241	22.40	8.653	7.708	5.415	2.826	0.810	-0.320	-0.834	-1.270	-2.002	-2.953
2251	22.50	-3.624	-3.425	-2.102	-0.000	2.010	2.936	2.175	-0.128	-3.094	-5.504
2261	22.60	-6.365	-5.382	-3.066	-0.456	1.416	2.013	1.496	0.548	-0.060	0.091
2271	22.70	0.856	1.667	1.905	1.293	0.081	-1.100	-1.599	-1.133	0.040	1.259
2281	22.80	1.827	1.410	0.215	-1.128	-1.927	-1.816	-0.961	0.056	0.581	0.268
2291	22.90	-0.719	-1.811	-2.373	-2.079	-1.104	-0.010	0.595	0.430	-0.272	-0.908
2301	23.00	-0.876	0.022	1.396	2.431	2.326	0.774	-1.789	-4.328	-5.692	-5.192
2311	23.10	-2.968	0.042	2.542	3.493	2.582	0.330	-2.220	-4.028	-4.539	-3.838
2321	23.20	-2.453	-0.938	0.491	2.042	4.105	6.831	9.817	12.108	12.592	10.578
2331	23.30	6.276	0.869	-3.891	-6.416	-5.981	-3.057	0.913	4.182	5.495	4.619
2341	23.40	2.366	0.098	-0.991	-0.477	1.128	2.709	3.174	2.052	-0.267	-2.741
2351	23.50	-4.230	-4.077	-2.430	-0.137	1.708	2.309	1.526	-0.136	-1.854	-2.953
2361	23.60	-3.224	-2.941	-2.594	-2.510	-2.615	-2.479	-1.626	0.079	2.206	3.878
2371	23.70	4.188	2.715	-0.156	-3.304	-5.352	-5.325	-3.160	0.210	3.265	4.623
2381	23.80	3.720	1.094	-1.871	-3.637	-3.288	-1.000	2.038	4.215	4.313	2.124
2391	23.90	-1.433	-4.761	-6.368	-5.584	-2.862	0.481	2.936	3.543	2.314	0.149
2401	24.00	-1.682	-2.212	-1.234	0.671	2.523	3.516	3.443	2.746	2.187	2.335
2411	24.10	3.186	4.125	4.276	3.029	0.456	-2.639	-5.058	-5.791	-4.518	-1.773
2421	24.20	1.312	3.541	4.199	3.319	1.563	-0.192	-1.315	-1.684	-1.621	-1.567
2431	24.30	-1.722	-1.874	-1.522	-0.233	1.998	4.596	6.594	7.068	5.615	2.604
2441	24.40	-0.926	-3.701	-4.755	-3.830	-1.448	1.359	3.509	4.292	3.571	1.711
2451	24.50	-0.680	-3.020	-4.916	-6.167	-6.669	-6.343	-5.160	-3.248	-0.992	0.978
2461	24.60	1.973	1.535	-0.303	-2.929	-5.340	-6.528	-5.910	-3.602	-0.410	2.491
2471	24.70	4.022	3.643	1.565	-1.335	-3.854	-4.909	-3.925	-1.023	3.018	7.007
2481	24.80	9.707	10.196	8.151	3.970	-1.311	-6.285	-9.578	-10.277	-8.239	-4.151
2491	24.90	0.688	4.817	7.125	7.219	5.503	2.934	0.573	-0.860	-1.229	-0.927

Table 7-23-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.576	-0.657	-1.264	-2.102	-2.711	-2.756	-2.221	-1.388	-0.628	-0.139
2511	25.10	0.187	0.677	1.614	2.947	4.181	4.551	3.419	0.692	-2.964	-6.294
2521	25.20	-7.951	-7.111	-3.915	0.506	4.458	6.367	5.436	1.958	-2.839	-7.321
2531	25.30	-10.096	-10.491	-8.670	-5.402	-1.648	1.809	4.514	6.274	6.973	6.464
2541	25.40	4.608	1.474	-2.461	-6.276	-8.826	-9.160	-6.960	-2.777	2.088	6.032
2551	25.50	7.753	6.749	3.499	-0.757	-4.516	-6.577	-6.436	-4.368	-1.206	2.034
2561	25.60	4.526	5.832	5.922	5.041	3.550	1.818	0.185	-1.042	-1.598	-1.332
2571	25.70	-0.295	1.212	2.679	3.547	3.432	2.300	0.521	-1.257	-2.357	-2.350
2581	25.80	-1.226	0.612	2.523	3.900	4.390	4.001	3.030	1.884	0.892	0.192
2591	25.90	-0.253	-0.542	-0.698	-0.606	-0.057	1.120	2.896	4.966	6.793	7.781
2601	26.00	7.505	5.891	3.287	0.359	-2.118	-3.506	-3.493	-2.157	0.090	2.655
2611	26.10	4.928	6.417	6.820	6.048	4.216	1.617	-1.308	-4.030	-6.037	-6.948
2621	26.20	-6.636	-5.276	-3.304	-1.278	0.303	1.158	1.277	0.861	0.181	-0.576
2631	26.30	-1.368	-2.258	-3.281	-4.322	-5.074	-5.150	-4.291	-2.567	-0.459	1.269
2641	26.40	1.869	0.967	-1.206	-3.842	-5.850	-6.316	-4.930	-2.156	0.918	3.034
2651	26.50	3.298	1.576	-1.436	-4.500	-6.357	-6.249	-4.220	-1.065	2.025	3.966
2661	26.60	4.208	2.919	0.858	-0.976	-1.763	-1.177	0.518	2.611	4.237	4.712
2671	26.70	3.785	1.716	-0.815	-2.943	-3.912	-3.341	-1.366	1.387	3.996	5.567
2681	26.80	5.558	4.000	1.504	-0.956	-2.426	-2.368	-0.901	1.234	2.973	3.387
2691	26.90	2.103	-0.505	-3.445	-5.508	-5.773	-3.994	-0.706	2.988	5.861	7.024
2701	27.00	6.235	3.915	0.926	-1.805	-3.609	-4.245	-3.870	-2.860	-1.611	-0.403
2711	27.10	0.627	1.421	1.927	2.069	1.784	1.087	0.121	-0.864	-1.600	-1.916
2721	27.20	-1.808	-1.428	-0.994	-0.662	-0.447	-0.227	0.148	0.724	1.347	1.697
2731	27.30	1.425	0.368	-1.293	-3.015	-4.054	-3.770	-1.932	1.096	4.416	6.877
2741	27.40	7.515	5.946	2.571	-1.521	-4.927	-6.433	-5.481	-2.375	1.811	5.637
2751	27.50	7.813	7.663	5.346	1.766	-1.786	-4.100	-4.468	-2.881	0.023	3.227
2761	27.60	5.709	6.755	6.142	4.134	1.328	-1.555	-3.881	-5.233	-5.469	-4.693
2771	27.70	-3.203	-1.404	0.270	1.443	1.869	1.483	0.420	-1.023	-2.467	-3.561
2781	27.80	-4.081	-3.991	-3.441	-2.690	-2.009	-1.565	-1.366	-1.266	-1.043	-0.521
2791	27.90	0.316	1.266	1.944	1.921	0.918	-1.019	-3.445	-5.601	-6.655	-6.030
2801	28.00	-3.683	-0.206	3.315	5.669	5.987	4.102	0.660	-3.109	-5.857	-6.662
2811	28.10	-5.378	-2.676	0.281	2.354	2.915	2.077	0.576	-0.640	-0.886	-0.062
2821	28.20	1.340	2.535	2.873	2.193	0.892	-0.295	-0.706	-0.108	1.174	2.437
2831	28.30	2.989	2.542	1.387	0.260	-0.046	0.873	2.769	4.794	5.867	5.184
2841	28.40	2.631	-1.107	-4.782	-7.073	-7.109	-4.802	-0.862	3.487	6.958	8.623
2851	28.50	8.158	5.857	2.447	-1.184	-4.227	-6.119	-6.605	-5.730	-3.798	-1.310
2861	28.60	1.131	2.946	3.726	3.355	2.069	0.384	-1.074	-1.793	-1.568	-0.569
2871	28.70	0.733	1.769	2.111	1.645	0.613	-0.504	-1.193	-1.126	-0.295	0.991
2881	28.80	2.237	2.950	2.833	1.878	0.358	-1.288	-2.609	-3.293	-3.249	-2.607
2891	28.90	-1.649	-0.704	-0.038	0.217	0.090	-0.253	-0.573	-0.636	-0.299	0.429
2901	29.00	1.372	2.220	2.324	2.324	1.274	-0.289	-1.872	-2.874	-2.804	-1.503
2911	29.10	0.719	3.129	4.791	4.910	3.171	-0.075	-3.878	-6.997	-8.353	-7.452
2921	29.20	-4.584	-0.733	2.797	4.871	4.937	3.185	0.413	-2.344	-4.235	-4.891
2931	29.30	-4.474	-3.494	-2.500	-1.819	-1.443	-1.129	-0.605	0.223	1.188	1.935
2941	29.40	2.116	1.576	0.451	-0.895	-2.027	-2.625	-2.597	-2.063	-1.257	-0.400
2951	29.50	0.372	0.986	1.368	1.382	0.855	-0.312	-2.011	-3.844	-5.186	-5.398
2961	29.60	-4.100	-1.399	2.067	5.313	7.347	7.543	5.879	2.937	-0.314	-2.882
2971	29.70	-4.072	-3.668	-1.912	0.672	3.495	6.067	8.051	9.232	9.467	8.679
2981	29.80	6.906	4.383	1.564	-0.954	-2.607	-3.072	-2.404	-1.019	0.471	1.519
2991	29.90	1.860	1.597	1.100	0.783	0.874	1.301	1.742	1.813	1.292	0.241

Table 7-23-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-1.027	-2.125	-2.806	-3.086	-3.209	-3.467	-3.970	-4.515	-4.636	-3.838
3011	30.10	-1.897	0.930	3.910	6.072	6.602	5.200	2.240	-1.346	-4.417	-6.053
3021	30.20	-5.881	-4.165	-1.647	0.772	2.360	2.766	2.045	0.544	-1.277	-2.981
3031	30.30	-4.222	-4.752	-4.423	-3.206	-1.255	1.061	3.197	4.569	4.759	3.693
3041	30.40	1.700	-0.593	-2.494	-3.521	-3.561	-2.872	-1.898	-1.024	-0.384	0.167
3051	30.50	0.902	1.980	3.262	4.286	4.451	3.331	0.955	-2.094	-4.831	-6.242
3061	30.60	-5.702	-3.285	0.209	3.519	5.391	5.053	2.528	-1.353	-5.236	-7.726
3071	30.70	-7.875	-5.521	-1.341	3.371	7.146	8.820	7.916	4.780	0.440	-3.747
3081	30.80	-6.552	-7.257	-5.839	-2.900	0.601	3.700	5.720	6.398	5.826	4.294
3091	30.90	2.124	-0.395	-2.956	-5.148	-6.427	-6.239	-4.274	-0.736	3.533	7.217
3101	31.00	8.968	7.974	4.396	-0.568	-5.077	-7.381	-6.576	-3.047	1.656	5.470
3111	31.10	6.736	4.963	1.071	-3.012	-5.236	-4.390	-0.687	4.297	8.317	9.469
3121	31.20	7.047	1.849	-4.183	-8.823	-10.522	-9.010	-5.310	-1.176	1.746	2.628
3131	31.30	1.726	0.106	-0.989	-0.804	0.562	2.248	3.123	2.393	0.047	-3.098
3141	31.40	-5.755	-6.745	-5.527	-2.437	1.465	4.845	6.623	6.357	4.324	1.311
3151	31.50	-1.759	-4.176	-5.617	-6.109	-5.850	-5.018	-3.686	-1.886	0.247	2.359
3161	31.60	3.887	4.241	3.083	0.558	-2.644	-5.465	-6.852	-6.173	-3.497	0.386
3171	31.70	4.232	6.794	7.263	5.549	2.275	-1.476	-4.559	-6.132	-5.077	-4.009
3181	31.80	-1.129	2.008	4.698	6.422	6.911	6.155	4.391	2.075	-0.193	-1.798
3191	31.90	-2.293	-1.563	0.096	2.043	3.516	3.923	3.088	1.334	-0.650	-2.108
3201	32.00	-2.532	-1.878	-0.543	0.847	1.748	1.951	1.641	1.247	1.171	1.538
3211	32.10	2.117	2.449	2.126	1.055	-0.424	-1.671	-2.045	-1.249	0.475	2.402
3221	32.20	3.632	3.509	1.946	-0.490	-2.793	-3.949	-3.380	-1.211	1.764	4.401
3231	32.30	5.673	5.082	2.843	-0.226	-3.044	-4.687	-4.712	-3.264	-0.941	1.480
3241	32.40	3.350	4.330	4.421	3.838	2.841	1.605	0.195	-1.358	-2.949	-4.330
3251	32.50	-5.145	-5.064	-3.953	-1.996	0.309	2.289	3.317	3.046	1.530	-0.796
3261	32.60	-3.267	-5.216	-6.171	-5.971	-4.753	-2.860	-0.715	1.283	2.819	3.671
3271	32.70	3.710	2.905	1.347	-0.733	-2.967	-4.903	-6.095	-6.223	-5.178	-3.125
3281	32.80	-0.488	2.118	4.007	4.582	3.500	0.815	-2.957	-6.907	-9.940	-11.112
3291	32.90	-9.971	-6.790	-2.546	1.380	3.705	3.755	1.766	-1.198	-3.690	-4.527
3301	33.00	-3.342	-0.768	1.847	3.095	2.224	-0.436	-3.549	-5.371	-4.575	-0.933
3311	33.10	4.495	9.768	12.891	12.686	9.298	4.109	-0.897	-3.990	-4.389	-2.472
3321	33.20	0.554	3.307	4.875	5.127	4.588	3.983	3.753	3.805	3.637	2.732
3331	33.30	0.973	-1.173	-2.831	-3.180	-1.927	0.445	2.840	4.043	3.306	0.744
3341	33.40	-2.684	-5.590	-6.778	-5.770	-2.990	0.458	3.308	4.674	4.373	2.899
3351	33.50	1.101	-0.256	-0.810	-0.676	-0.265	0.018	0.023	-0.080	0.060	0.729
3361	33.60	1.935	3.350	4.638	4.698	3.904	2.215	0.123	-1.749	-2.876	-3.007
3371	33.70	-2.217	-0.837	0.681	1.901	2.494	2.282	1.248	-0.448	-2.466	-4.303
3381	33.80	-5.385	-5.222	-3.614	-0.805	2.497	5.286	6.591	5.855	3.205	-0.521
3391	33.90	-4.042	-6.105	-5.976	-3.754	-0.334	2.945	4.853	4.766	2.900	0.180
3401	34.00	-2.198	-3.297	-2.829	-1.228	0.614	1.797	1.838	0.857	-0.537	-1.597
3411	34.10	-1.817	-1.159	-0.029	0.984	1.426	1.194	0.538	-0.128	-0.484	-0.479
3421	34.20	-0.313	-0.261	-0.452	-0.747	-0.810	-0.334	0.722	2.023	2.978	3.044
3431	34.30	2.048	0.346	-1.297	-2.073	-1.560	0.016	1.833	2.848	2.319	0.209
3441	34.40	-2.733	-5.277	-6.272	-5.185	-2.366	1.088	3.812	4.760	3.637	0.984
3451	34.50	-2.104	-4.468	-5.343	-4.610	-2.731	-0.469	1.466	2.662	3.066	2.878
3461	34.60	2.369	1.741	1.086	0.423	-0.224	-0.790	-1.195	-1.394	-1.415	-1.366
3471	34.70	-1.263	-1.168	-0.965	-0.517	0.246	1.231	2.167	2.698	2.546	1.666
3481	34.80	0.309	-1.058	-1.941	-2.036	-1.363	-0.266	0.738	1.180	0.831	-0.219
3491	34.90	-1.614	-2.895	-3.688	-3.830	-3.408	-2.691	-2.009	-1.624	-1.649	-2.015

Table 7-23-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-2.511	-2.850	-2.775	-2.150	-1.036	0.303	1.457	1.996	1.640	0.390
3511	35.10	-1.424	-3.223	-4.379	-4.446	-3.347	-1.420	0.703	2.337	2.994	2.563
3521	35.20	1.314	-0.244	-1.580	-2.346	-2.468	-2.109	-1.538	-0.986	-0.558	-0.232
3531	35.30	0.070	0.404	0.752	1.039	1.183	1.143	0.934	0.600	0.171	-0.346
3541	35.40	-0.944	-1.548	-1.978	-1.969	-1.274	0.186	2.205	4.281	5.752	6.040
3551	35.50	4.902	2.582	-0.237	-2.663	-3.922	-3.649	-2.017	0.349	2.635	4.150
3561	35.60	4.562	3.966	2.776	1.506	0.562	0.116	0.110	0.360	0.678	0.953
3571	35.70	1.158	1.300	1.354	1.247	0.881	0.206	-0.715	-1.697	-2.468	-2.767
3581	35.80	-2.430	-1.451	0.011	1.681	3.237	4.381	4.894	4.675	3.755	2.302
3591	35.90	0.597	-1.016	-2.211	-2.763	-2.612	-1.874	-0.787	0.373	1.392	2.158
3601	36.00	2.652	2.884	2.833	2.427	1.598	0.368	-1.072	-2.362	-3.080	-2.913
3611	36.10	-1.829	-0.141	1.578	2.709	2.851	1.997	0.549	-0.862	-1.654	-1.553
3621	36.20	-0.709	0.393	1.169	1.222	0.517	-0.611	-1.635	-2.087	-1.774	-0.843
3631	36.30	0.308	1.239	1.663	1.552	1.105	0.610	0.294	0.224	0.315	0.419
3641	36.40	0.431	0.360	0.308	0.396	0.677	1.086	1.466	1.647	1.530	1.143
3651	36.50	0.624	0.159	-0.100	-0.092	0.145	0.503	0.858	1.109	1.196	1.095
3661	36.60	0.811	0.373	-0.167	-0.736	-1.260	-1.691	-2.022	-2.288	-2.526	-2.727
3671	36.70	-2.801	-2.597	-1.975	-0.911	0.427	1.688	2.442	2.365	1.402	-0.165
3681	36.80	-1.795	-2.896	-3.071	-2.286	-0.884	0.580	1.597	1.924	1.675	1.220
3691	36.90	0.955	1.075	1.450	1.697	1.401	0.370	-1.209	-2.807	-3.774	-3.643
3701	37.00	-2.368	-0.381	1.574	2.745	2.681	1.408	-0.603	-2.651	-4.085	-4.543
3711	37.10	-4.037	-2.881	-1.520	-0.352	0.384	0.623	0.414	-0.139	-0.909	-1.738
3721	37.20	-2.412	-2.682	-2.332	-1.288	0.293	2.014	3.350	3.830	3.247	1.767
3731	37.30	-0.098	-1.673	-2.371	-1.925	-0.486	1.441	3.193	4.200	4.171	3.169
3741	37.40	1.543	-0.224	-1.678	-2.514	-2.613	-2.025	-0.921	0.442	1.749	2.660
3751	37.50	2.864	2.172	0.612	-1.513	-3.670	-5.231	-5.691	-4.861	-2.971	-0.613
3761	37.60	1.459	2.597	2.494	1.283	-0.539	-2.314	-3.478	-3.751	-3.194	-2.132
3771	37.70	-0.983	-0.095	0.361	0.393	0.131	-0.267	-0.667	-0.975	-1.125	-1.061
3781	37.80	-0.752	-0.224	0.407	0.948	1.190	1.004	0.423	-0.344	-0.987	-1.226
3791	37.90	-0.947	-0.264	0.521	1.064	1.128	0.697	-0.033	-0.767	-1.259	-1.429
3801	38.00	-1.368	-1.243	-1.155	-1.039	-0.683	0.143	1.509	3.198	4.727	5.516
3811	38.10	5.149	3.601	1.305	-0.981	-2.465	-2.641	-1.490	0.516	2.621	4.093
3821	38.20	4.491	3.796	2.339	0.610	-0.961	-2.140	-2.894	-3.295	-3.394	-3.163
3831	38.30	-2.520	-1.433	-0.015	1.452	2.593	3.087	2.810	1.892	0.667	-0.471
3841	38.40	-1.225	-1.487	-1.335	-0.940	-0.451	0.069	0.633	1.252	1.857	2.274
3851	38.50	2.292	1.784	0.816	-0.327	-1.235	-1.548	-1.136	-0.180	0.891	1.591
3861	38.60	1.608	0.960	-0.002	-0.756	-0.857	-0.156	1.109	2.413	3.177	3.022
3871	38.70	1.948	0.326	-1.259	-2.260	-2.389	-1.715	-0.594	0.507	1.225	1.437
3881	38.80	1.277	1.024	0.937	1.110	1.427	1.623	1.420	0.683	-0.497	-1.811
3891	38.90	-2.865	-3.231	-2.795	-1.625	-0.049	1.474	2.501	2.744	2.156	0.933
3901	39.00	-0.554	-1.869	-2.642	-2.666	-1.933	-0.651	0.841	2.159	2.973	3.095
3911	39.10	2.524	1.444	0.168	-0.947	-1.606	-1.657	-1.133	-0.237	0.731	1.475
3921	39.20	1.797	1.656	1.167	0.538	-0.016	-0.363	-0.490	-0.491	-0.506	-0.641
3931	39.30	-0.920	-1.285	-1.634	-1.891	-2.049	-2.170	-2.330	-2.551	-2.748	-2.740
3941	39.40	-2.331	-1.428	-0.143	1.189	2.093	2.133	1.107	-0.816	-3.100	-4.987
3951	39.50	-5.758	-4.998	-2.773	0.359	3.519	5.793	6.531	5.561	3.227	0.265
3961	39.60	-2.658	-4.219	-4.647	-3.800	-2.086	-0.084	1.664	2.815	3.288	3.216
3971	39.70	2.832	2.341	1.841	1.318	0.714	0.012	-0.691	-1.195	-1.271	-0.778
3981	39.80	0.240	1.529	2.699	3.363	3.296	2.527	1.330	0.105	-0.786	-1.169
3991	39.90	-1.109	-0.841	-0.637	-0.651	-0.843	-1.017	-0.944	-0.516	0.165	0.807

Table 7-23-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	1.062	0.708	-0.222	-1.414	-2.388	-2.704	-2.154	-0.859	0.768	2.191
4011	40.10	2.957	2.864	2.013	0.736	-0.554	-1.524	-2.013	-2.046	-1.766	-1.344
4021	40.20	-0.910	-0.526	-0.207	0.040	0.191	0.206	0.056	-0.255	-0.667	-1.080
4031	40.30	-1.375	-1.446	-1.225	-0.704	0.060	0.939	1.738	2.227	2.201	1.536
4041	40.40	0.366	-1.090	-2.374	-3.015	-2.688	-1.360	0.642	2.699	4.098	4.281
4051	40.50	3.069	0.755	-1.969	-4.232	-5.278	-4.721	-2.683	0.249	3.216	5.359
4061	40.60	6.086	5.244	3.145	0.450	-2.048	-3.668	-4.038	-3.182	-1.485	0.457
4071	40.70	2.039	2.831	2.694	1.779	0.434	-0.941	-2.025	-2.649	-2.789	-2.505
4081	40.80	-1.873	-0.957	0.172	1.379	2.432	3.031	2.901	1.933	0.284	-1.621
4091	40.90	-3.201	-3.930	-3.549	-2.183	-0.309	1.426	2.452	2.490	1.636	0.285
4101	41.00	-1.057	-1.975	-2.286	-2.044	-1.452	-0.735	-0.043	0.548	0.990	1.189
4111	41.10	1.000	0.291	-0.941	-2.476	-3.878	-4.621	-4.300	-2.833	-0.554	1.869
4121	41.20	3.662	4.236	3.412	1.482	-0.909	-3.011	-4.235	-4.335	-3.431	-1.907
4131	41.30	-0.239	1.171	2.073	2.386	2.156	1.508	0.633	-0.229	-0.808	-0.864
4141	41.40	-0.287	0.819	2.116	3.118	3.366	2.633	1.053	-0.886	-2.518	-3.256
4151	41.50	-2.844	-1.461	0.357	1.957	2.856	2.932	2.444	1.862	1.597	1.786
4161	41.60	2.210	2.440	2.076	1.004	-0.496	-1.846	-2.435	-1.924	-0.439	1.452
4171	41.70	2.975	3.486	2.763	1.099	-0.838	-2.305	-2.815	-2.329	-1.231	-0.110
4181	41.80	0.534	0.514	0.011	-0.565	-0.816	-0.575	0.018	0.600	0.795	0.418
4191	41.90	-0.419	-1.361	-1.985	-2.002	-1.387	-0.372	0.678	1.438	1.758	1.687
4201	42.00	1.402	1.091	0.852	0.671	0.478	0.224	-0.062	-0.283	-0.336	-0.186
4211	42.10	0.099	0.383	0.546	0.563	0.525	0.584	0.845	1.272	1.664	1.739
4221	42.20	1.278	0.261	-1.077	-2.320	-3.036	-2.968	-2.142	-0.854	0.459	1.412
4231	42.30	1.808	1.683	1.230	0.669	0.135	-0.352	-0.836	-1.331	-1.750	-1.923
4241	42.40	-1.678	-0.960	0.103	1.225	2.077	2.432	2.264	1.745	1.143	0.676
4251	42.50	0.403	0.221	-0.039	-0.479	-1.030	-1.467	-1.525	-1.058	-0.158	0.853
4261	42.60	1.559	1.646	1.061	0.048	-0.971	-1.602	-1.668	-1.281	-0.762	-0.446
4271	42.70	-0.489	-0.775	-0.985	-0.779	-0.011	1.158	2.311	2.965	2.807	1.856
4281	42.80	0.461	-0.864	-1.675	-1.804	-1.407	-0.854	-0.515	-0.562	-0.889	-1.191
4291	42.90	-1.151	-0.643	0.179	0.939	1.224	0.804	-0.231	-1.491	-2.442	-2.644
4301	43.00	-1.934	-0.498	1.221	2.697	3.525	3.541	2.831	1.654	0.320	-0.902
4311	43.10	-1.826	-2.333	-2.352	-1.860	-0.913	0.316	1.529	2.360	2.496	1.810
4321	43.20	0.443	-1.208	-2.617	-3.319	-3.093	-2.050	-0.592	0.744	1.488	1.412
4331	43.30	0.592	-0.635	-1.814	-2.540	-2.579	-1.924	-0.762	0.608	1.864	2.743
4341	43.40	3.081	2.835	2.076	0.974	-0.236	-1.301	-2.012	-2.256	-2.046	-1.504
4351	43.50	-0.816	-0.155	0.365	0.708	0.888	0.918	0.777	0.415	-0.201	-1.013
4361	43.60	-1.843	-2.412	-2.442	-1.785	-0.532	0.980	2.265	2.671	2.574	1.487
4371	43.70	0.036	-1.201	-1.731	-1.348	-0.217	1.200	2.338	2.762	2.332	1.235
4381	43.80	-0.117	-1.284	-1.970	-2.120	-1.894	-1.545	-1.276	-1.145	-1.055	-0.840
4391	43.90	-0.377	0.319	1.081	1.646	1.777	1.367	0.496	-0.592	-1.576	-2.176
4401	44.00	-2.242	-1.798	-1.013	-0.131	0.614	1.069	1.189	1.021	0.668	0.231
4411	44.10	-0.217	-0.650	-1.067	-1.464	-1.805	-2.016	-1.997	-1.670	-1.021	-0.132
4421	44.20	0.822	1.618	2.057	2.034	1.585	0.872	0.129	-0.422	-0.652	-0.563
4431	44.30	-0.263	0.084	0.340	0.440	0.402	0.298	0.198	0.138	0.108	0.085
4441	44.40	0.063	0.075	0.182	0.427	0.791	1.177	1.441	1.462	1.214	0.801
4451	44.50	0.422	0.279	0.465	0.898	1.333	1.470	1.109	0.268	-0.791	-1.652
4461	44.60	-1.932	-1.467	-0.414	0.800	1.651	1.760	1.076	-0.088	-1.185	-1.687
4471	44.70	-1.337	-0.284	0.966	1.776	1.675	0.590	-1.091	-2.668	-3.424	-2.936
4481	44.80	-1.271	1.031	3.169	4.405	4.353	3.120	1.236	-0.572	-1.674	-1.767
4491	44.90	-0.951	0.361	1.638	2.443	2.577	2.097	1.236	0.276	-0.557	-1.146

Table 7-23-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-1.462	-1.521	-1.347	-0.962	-0.415	0.190	0.701	0.960	0.865	0.437
4511	45.10	-0.179	-0.758	-1.092	-1.076	-0.749	-0.268	0.186	0.497	0.670	0.808
4521	45.20	1.025	1.353	1.682	1.800	1.495	0.699	-0.436	-1.554	-2.233	-2.177
4531	45.30	-1.373	-0.136	1.004	1.528	1.164	0.033	-1.382	-2.433	-2.590	-1.687
4541	45.40	-0.009	1.810	3.046	3.193	2.168	0.349	-1.589	-2.945	-3.267	-2.512
4551	45.50	-1.036	0.578	1.746	2.094	1.561	0.367	-1.099	-2.435	-3.337	-3.656
4561	45.60	-3.390	-2.643	-1.584	-0.414	0.656	1.429	1.758	1.593	1.004	0.178
4571	45.76	-0.639	-1.217	-1.421	-1.253	-0.838	-0.360	0.015	0.202	0.209	0.113
4581	45.80	0.004	-0.056	-0.053	-0.004	0.072	0.175	0.322	0.519	0.736	0.900
4591	45.90	0.925	0.760	0.435	0.073	-0.146	-0.064	0.377	1.090	1.855	2.401
4601	46.00	2.506	2.083	1.219	0.132	-0.903	-1.655	-1.995	-1.919	-1.517	-0.924
4611	46.10	-0.277	0.304	0.727	0.916	0.820	0.437	-0.164	-0.836	-1.375	-1.581
4621	46.20	-1.331	-0.631	0.363	1.393	2.174	2.490	2.257	1.541	0.525	-0.554
4631	46.30	-1.478	-2.094	-2.329	-2.181	-1.698	-0.963	-0.086	0.788	1.488	1.837
4641	46.40	1.695	1.013	-0.126	-1.496	-2.765	-3.576	-3.651	-2.894	-1.435	0.376
4651	46.50	2.065	3.167	3.373	2.638	1.201	-0.486	-1.911	-2.668	-2.591	-1.804
4661	46.60	-0.650	0.442	1.131	1.281	0.994	0.534	0.192	0.147	0.390	0.737
4671	46.70	0.930	0.778	0.257	-0.464	-1.095	-1.362	-1.135	-0.513	0.212	0.664
4681	46.80	0.553	-0.192	-1.366	-2.546	-3.245	-3.105	-2.046	-0.328	1.523	2.890
4691	46.90	3.285	2.532	0.845	-1.230	-3.006	-3.888	-3.590	-2.227	-0.271	1.636
4701	47.00	2.917	3.263	2.728	1.668	0.571	-0.152	-0.324	-0.035	0.436	0.785
4711	47.10	0.836	0.614	0.308	0.152	0.283	0.664	1.095	1.314	1.138	0.561
4721	47.20	-0.236	-0.960	-1.342	-1.244	-0.715	0.049	0.802	1.346	1.592	1.558
4731	47.30	1.319	0.949	0.492	-0.017	-0.520	-0.907	-1.034	-0.788	-0.163	0.688
4741	47.40	1.478	1.884	1.688	0.886	-0.278	-1.385	-2.007	-1.874	-0.996	0.334
4751	47.50	1.649	2.487	2.569	1.899	0.754	-0.432	-1.230	-1.378	-0.859	0.104
4761	47.60	1.140	1.866	2.025	1.565	0.655	-0.376	-1.157	-1.402	-1.010	-0.106
4771	47.70	0.995	1.896	2.256	1.914	0.950	-0.342	-1.556	-2.323	-2.439	-1.923
4781	47.80	-0.999	0.009	0.800	1.196	1.182	0.873	0.437	0.017	-0.318	-0.569
4791	47.90	-0.768	-0.930	-1.034	-1.029	-0.873	-0.568	-0.173	0.215	0.498	0.618
4801	48.00	0.572	0.403	0.167	-0.097	-0.375	-0.665	-0.959	-1.220	-1.397	-1.446
4811	48.10	-1.365	-1.207	-1.054	-0.977	-0.989	-1.022	-0.962	-0.707	-0.238	0.344
4821	48.20	0.848	1.068	0.890	0.352	-0.351	-0.948	-1.206	-1.037	-0.533	0.083
4831	48.30	0.566	0.767	0.699	0.511	0.399	0.490	0.762	1.052	1.138	0.866
4841	48.40	0.241	-0.555	-1.233	-1.530	-1.326	-0.711	0.061	0.673	0.887	0.645
4851	48.50	0.071	-0.572	-1.003	-1.033	-0.627	0.098	0.926	1.622	1.999	1.967
4861	48.60	1.544	0.837	0.022	-0.702	-1.152	-1.213	-0.878	-0.260	0.429	0.943
4871	48.70	1.089	0.800	0.166	-0.597	-1.230	-1.532	-1.427	-0.983	-0.364	0.251
4881	48.80	0.738	1.055	1.222	1.264	1.173	0.899	0.396	-0.308	-1.077	-1.675
4891	48.90	-1.850	-1.450	-0.512	0.720	1.864	2.544	2.538	1.865	0.777	-0.351
4901	49.00	-1.166	-1.468	-1.263	-0.727	-0.103	0.406	0.704	0.810	0.801	0.751
4911	49.10	0.688	0.590	0.429	0.199	-0.057	-0.274	-0.400	-0.434	-0.427	-0.445
4921	49.20	-0.521	-0.620	-0.642	-0.480	-0.090	0.452	0.963	1.220	1.066	0.503
4931	49.30	-0.283	-0.989	-1.320	-1.127	-0.480	0.348	1.005	1.218	0.924	0.300
4941	49.40	-0.314	-0.582	-0.332	0.347	1.132	1.609	1.454	0.595	-0.748	-2.141
4951	49.50	-3.117	-3.368	-2.868	-1.874	-0.805	-0.060	0.151	-0.121	-0.603	-0.945
4961	49.60	-0.884	-0.364	0.444	1.227	1.673	1.608	1.062	0.247	-0.548	-1.079
4971	49.70	-1.247	-1.115	-0.865	-0.692	-0.719	-0.938	-1.226	-1.407	-1.327	-0.931
4981	49.80	-0.281	0.457	1.070	1.368	1.241	0.700	-0.128	-1.023	-1.736	-2.059
4991	49.90	-1.893	-1.285	-0.421	0.427	0.995	1.121	0.807	0.217	-0.387	-0.753

Table 7-23-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.744	-0.384	0.156	0.638	0.882	0.827	0.555	0.236	0.036	0.028
5011	50.10	0.165	0.311	0.329	0.155	-0.152	-0.441	-0.540	-0.351	0.103	0.682
5021	50.20	1.192	1.475	1.477	1.261	0.973	0.764	0.729	0.873	1.121	1.367
5031	50.30	1.520	1.534	1.418	1.215	0.978	0.759	0.597	0.517	0.523	0.588
5041	50.40	0.652	0.631	0.453	0.100	-0.365	-0.798	-1.025	-0.918	-0.467	0.195
5051	50.50	0.825	1.171	1.075	0.548	-0.229	-0.982	-1.458	-1.530	-1.236	-0.741
5061	50.60	-0.246	0.106	0.285	0.357	0.412	0.492	0.553	0.488	0.205	-0.294
5071	50.70	-0.882	-1.336	-1.433	-1.059	-0.278	0.673	1.468	1.817	1.571	0.784
5081	50.80	-0.320	-1.418	-2.198	-2.448	-2.102	-1.246	-0.096	1.058	1.904	2.188
5091	50.90	1.776	0.723	-0.723	-2.159	-3.140	-3.332	-2.638	-1.259	0.366	1.709
5101	51.00	2.348	2.133	1.229	0.043	-0.949	-1.395	-1.196	-0.503	0.366	1.098
5111	51.10	1.515	1.622	1.558	1.487	1.496	1.545	1.506	1.260	0.783	0.189
5121	51.20	-0.311	-0.506	-0.292	0.274	0.981	1.558	1.778	1.548	0.938	0.139
5131	51.30	-0.614	-1.125	-1.296	-1.140	-0.761	-0.312	0.048	0.199	0.088	-0.248
5141	51.40	-0.685	-1.039	-1.130	-0.854	-0.252	0.480	1.042	1.149	0.664	-0.318
5151	51.50	-1.473	-2.365	-2.621	-2.099	-0.968	0.358	1.382	1.741	1.358	0.462
5161	51.60	-0.525	-1.195	-1.337	-1.019	-0.532	-0.219	-0.291	-0.712	-1.226	-1.494
5171	51.70	-1.281	-0.586	0.345	1.135	1.463	1.215	0.536	-0.243	-0.776	-0.862
5181	51.80	-0.536	-0.027	0.369	0.447	0.188	-0.241	-0.591	-0.666	-0.426	-0.004
5191	51.90	0.374	0.506	0.317	-0.111	-0.587	-0.910	-0.966	-0.770	-0.435	-0.104
5201	52.00	0.122	0.226	0.252	0.261	0.276	0.268	0.182	-0.023	-0.333	-0.675
5211	52.10	-0.957	-1.116	-1.152	-1.121	-1.094	-1.094	-1.073	-0.927	-0.566	0.015
5221	52.20	0.690	1.228	1.387	1.025	0.189	-0.873	-1.797	-2.238	-2.011	-1.163
5231	52.30	0.038	1.210	1.995	2.179	1.750	0.879	-0.159	-1.070	-1.622	-1.685
5241	52.40	-1.238	-0.362	0.767	1.909	2.790	3.170	2.910	2.040	0.775	-0.535
5251	52.50	-1.513	-1.883	-1.577	-0.751	0.274	1.149	1.632	1.672	1.402	1.051
5261	52.60	0.620	0.786	0.878	0.935	0.809	0.461	-0.009	-0.411	-0.561	-0.389
5271	52.70	0.014	0.430	0.607	0.380	-0.245	-1.088	-1.866	-2.308	-2.262	-1.746
5281	52.80	-0.926	-0.040	0.699	1.170	1.358	1.323	1.143	0.870	0.520	0.096
5291	52.90	-0.371	-0.795	-1.051	-1.017	-0.644	-0.003	0.712	1.242	1.359	0.973
5301	53.00	0.183	-0.735	-1.424	-1.585	-1.108	-0.136	0.978	1.798	1.982	1.426
5311	53.10	0.322	-0.909	-1.783	-1.948	-1.329	-0.161	1.108	2.004	2.216	1.715
5321	53.20	0.745	-0.296	-1.030	-1.253	-0.986	-0.428	0.167	0.616	0.878	1.033
5331	53.30	1.189	1.394	1.579	1.592	1.290	0.642	-0.221	-1.042	-1.543	-1.557
5341	53.40	-1.109	-0.407	0.249	0.608	0.574	0.234	-0.198	-0.501	-0.552	-0.371
5351	53.50	-0.087	0.155	0.281	0.326	0.398	0.591	0.902	1.199	1.275	0.945
5361	53.60	0.162	-0.931	-2.036	-2.803	-2.972	-2.470	-1.440	-0.179	0.971	1.734
5371	53.70	1.973	1.695	1.015	0.107	-0.847	-1.668	-2.197	-2.306	-1.932	-1.112
5381	53.80	-0.008	1.114	1.955	2.273	1.977	1.166	0.092	-0.931	-1.640	-1.909
5391	53.90	-1.768	-1.358	-0.848	-0.360	0.060	0.421	0.728	0.939	0.961	0.690
5401	54.00	0.092	-0.746	-1.610	-2.223	-2.354	-1.919	-1.032	0.026	0.913	1.359
5411	54.10	1.264	0.736	0.036	-0.535	-0.755	-0.561	-0.067	0.499	0.888	0.929
5421	54.20	0.582	-0.052	-0.775	-1.361	-1.627	-1.484	-0.956	-0.174	0.664	1.341
5431	54.30	1.686	1.616	1.171	0.499	-0.178	-0.637	-0.731	-0.437	0.128	0.751
5441	54.40	1.201	1.312	1.043	0.492	-0.144	-0.649	-0.863	-0.729	-0.300	0.303
5451	54.50	0.939	1.495	1.903	2.131	2.159	1.964	1.524	0.851	0.022	-0.813
5461	54.60	-1.453	-1.706	-1.465	-0.768	0.196	1.135	1.743	1.809	1.288	0.321
5471	54.70	-0.813	-1.789	-2.339	-2.330	-1.789	-0.881	0.152	1.063	1.659	1.837
5481	54.80	1.582	0.961	0.099	-0.845	-1.696	-2.291	-2.501	-2.261	-1.591	-0.606
5491	54.90	0.502	1.494	2.143	2.292	1.898	1.053	-0.032	-1.075	-1.804	-2.028

Table 7-23-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.704	-0.947	-0.001	0.838	1.318	1.316	0.879	0.204	-0.439	-0.804
5511	55.10	-0.765	-0.358	0.238	0.776	1.043	0.942	0.518	-0.062	-0.589	-0.893
5521	55.20	-0.904	-0.662	-0.286	0.084	0.340	0.436	0.376	0.195	-0.069	-0.385
5531	55.30	-0.718	-1.012	-1.186	-1.151	-0.849	-0.293	0.408	1.069	1.487	1.516
5541	55.40	1.132	0.452	-0.302	-0.880	-1.093	-0.879	-0.320	0.401	1.067	1.500
5551	55.50	1.608	1.396	0.939	0.344	-0.274	-0.813	-1.181	-1.301	-1.120	-0.641
5561	55.60	0.055	0.806	1.398	1.628	1.385	0.705	-0.224	-1.113	-1.674	-1.725
5571	55.70	-1.260	-0.453	0.408	1.031	1.225	0.958	0.359	-0.355	-0.958	-1.300
5581	55.80	-1.334	-1.105	-0.708	-0.240	0.220	0.615	0.890	0.985	0.848	0.463
5591	55.90	-0.113	-0.745	-1.249	-1.463	-1.312	-0.855	-0.272	0.206	0.394	0.233
5601	56.00	-0.184	-0.656	-0.969	-0.998	-0.763	-0.409	-0.131	-0.062	-0.202	-0.418
5611	56.10	-0.505	-0.308	0.191	0.837	1.363	1.505	1.135	0.327	-0.652	-1.448
5621	56.20	-1.762	-1.473	-0.686	0.320	1.200	1.687	1.678	1.257	0.635	0.048
5631	56.30	-0.338	-0.477	-0.431	-0.314	-0.220	-0.181	-0.157	-0.074	0.123	0.431
5641	56.40	0.774	1.034	1.096	0.895	0.447	-0.161	-0.797	-1.326	-1.651	-1.727
5651	56.50	-1.570	-1.231	-0.779	-0.284	0.193	0.603	0.906	1.075	1.099	0.991
5661	56.60	0.792	0.563	0.372	0.272	0.282	0.383	0.528	0.664	0.759	0.817
5671	56.70	0.878	0.987	1.170	1.401	1.606	1.687	1.565	1.230	0.756	0.282
5681	56.80	-0.040	-0.113	0.058	0.361	0.621	0.684	0.481	0.073	-0.378	-0.682
5691	56.90	-0.710	-0.463	-0.077	0.232	0.264	-0.068	-0.692	-1.401	-1.931	-2.068
5701	57.00	-1.729	-0.995	-0.067	0.804	1.413	1.650	1.519	1.106	0.533	-0.080
5711	57.10	-0.636	-1.059	-1.287	-1.275	-1.016	-0.555	-0.003	0.482	0.741	0.677
5721	57.20	0.296	-0.285	-0.869	-1.261	-1.330	-1.062	-0.556	0.019	0.496	0.767
5731	57.30	0.810	0.677	0.460	0.243	0.084	0.010	0.030	0.148	0.362	0.666
5741	57.40	0.933	1.110	1.047	0.666	-0.100	-1.081	-2.075	-2.815	-3.073	-2.745
5751	57.50	-1.893	-0.727	0.463	1.397	1.887	1.876	1.435	0.718	-0.092	-0.827
5761	57.60	-1.359	-1.611	-1.552	-1.206	-0.650	-0.012	0.554	0.902	0.945	0.686
5771	57.70	0.223	-0.289	-0.693	-0.892	-0.880	-0.726	-0.532	-0.376	-0.278	-0.207
5781	57.80	-0.112	0.028	0.182	0.278	0.252	0.096	-0.117	-0.263	-0.232	-0.004
5791	57.90	0.320	0.547	0.480	0.028	-0.723	-1.520	-2.037	-2.017	-1.395	-0.343
5801	58.00	0.794	1.635	1.917	1.596	0.849	-0.018	-0.706	-1.038	-1.000	-0.704
5811	58.10	-0.306	0.081	0.414	0.700	0.939	1.080	1.035	0.731	0.183	-0.465
5821	58.20	-0.975	-1.108	-0.743	0.045	0.994	1.754	2.033	1.732	0.983	0.092
5831	58.30	-0.602	-0.867	-0.667	-0.154	0.425	0.853	1.029	0.984	0.830	0.671
5841	58.40	0.546	0.421	0.236	-0.030	-0.320	-0.520	-0.517	-0.278	0.117	0.501
5851	58.50	0.702	0.630	0.330	-0.040	-0.289	-0.294	-0.067	0.256	0.481	0.464
5861	58.60	0.187	-0.240	-0.632	-0.833	-0.786	-0.560	-0.300	-0.146	-0.161	-0.311
5871	58.70	-0.502	-0.650	-0.735	-0.809	-0.952	-1.197	-1.487	-1.678	-1.616	-1.226
5881	58.80	-0.577	0.125	0.620	0.722	0.414	-0.128	-0.614	-0.773	-0.490	0.132
5891	58.90	0.825	1.280	1.305	0.917	0.333	-0.143	-0.271	-0.002	0.498	0.937
5901	59.00	1.042	0.706	0.044	-0.658	-1.083	-1.037	-0.543	0.172	0.787	1.045
5911	59.10	0.867	0.382	-0.152	-0.481	-0.479	-0.203	0.159	0.395	0.391	0.192
5921	59.20	-0.026	-0.059	0.203	0.703	1.232	1.525	1.397	0.841	0.045	-0.685
5931	59.30	-1.060	-0.935	-0.368	0.416	1.125	1.531	1.552	1.261	0.825	0.414
5941	59.40	0.123	-0.040	-0.126	-0.176	-0.183	-0.091	0.159	0.565	1.032	1.392
5951	59.50	1.474	1.193	0.609	-0.032	-0.623	-0.807	-0.571	-0.026	0.595	1.034
5961	59.60	1.129	0.874	0.411	-0.039	-0.284	-0.239	0.047	0.427	0.728	0.826
5971	59.70	0.683	0.348	-0.084	-0.511	-0.859	-1.088	-1.178	-1.124	-0.929	-0.616
5981	59.80	-0.239	0.118	0.356	0.399	0.227	-0.113	-0.517	-0.859	-1.037	-1.006
5991	59.90	-0.784	-0.439	-0.056	0.291	0.549	0.694	0.714	0.605	0.366	0.010

Table 7-23-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.430	-0.895	-1.311	-1.692	-1.712	-1.619	-1.340	-0.926	-0.461	-0.037
6011	60.10	0.253	0.364	0.217	-0.085	-0.460	-0.767	-0.877	-0.723	-0.336	0.163
6021	60.20	0.584	0.758	0.604	0.171	-0.382	-0.861	-1.036	-0.910	-0.543	-0.115
6031	60.30	0.178	0.213	-0.005	-0.355	-0.658	-0.741	-0.609	-0.261	0.144	0.458
6041	60.40	0.593	0.550	0.409	0.282	0.248	0.322	0.450	0.543	0.524	0.366
6051	60.50	0.103	-0.188	-0.420	-0.527	-0.482	-0.297	-0.014	0.309	0.607	0.820
6061	60.60	0.890	0.782	0.492	0.066	-0.409	-0.811	-1.029	-0.993	-0.709	-0.260
6071	60.70	0.212	0.551	0.642	0.443	0.007	-0.540	-1.031	-1.318	-1.309	-1.005
6081	60.80	-0.495	0.066	0.504	0.684	0.550	0.152	-0.373	-0.839	-1.077	-0.993
6091	60.90	-0.597	-0.001	0.624	1.108	1.338	1.294	1.038	0.678	0.326	0.056
6101	61.00	-0.110	-0.185	-0.197	-0.163	-0.089	0.024	0.157	0.265	0.289	0.184
6111	61.10	-0.049	-0.351	-0.618	-0.765	-0.681	-0.462	-0.213	-0.097	-0.244	-0.687
6121	61.20	-1.322	-1.943	-2.308	-2.237	-1.690	-0.788	0.220	1.049	1.470	1.392
6131	61.30	0.884	0.149	-0.594	-1.106	-1.285	-1.130	-0.745	-0.280	0.130	0.399
6141	61.40	0.518	0.532	0.513	0.518	0.564	0.617	0.614	0.493	0.237	-0.106
6151	61.50	-0.422	-0.564	-0.413	0.071	0.805	1.593	2.180	2.341	1.965	1.110
6161	61.60	-0.006	-1.069	-1.782	-1.961	-1.598	-0.859	0.029	0.788	1.264	1.420
6171	61.70	1.332	1.120	0.892	0.694	0.517	0.327	0.117	-0.076	-0.179	-0.125
6181	61.80	0.099	0.429	0.742	0.907	0.850	0.593	0.251	-0.015	-0.070	0.136
6191	61.90	0.547	1.021	1.395	1.546	1.432	1.098	0.647	0.197	-0.156	-0.353
6201	62.00	-0.376	-0.237	0.029	0.364	0.687	0.907	0.949	0.783	0.452	0.067
6211	62.10	-0.223	-0.291	-0.085	0.344	0.858	1.285	1.494	1.441	1.184	0.844
6221	62.20	0.548	0.572	0.326	0.358	0.408	0.432	0.427	0.403	0.359	0.259
6231	62.30	0.043	-0.333	-0.843	-1.373	-1.741	-1.771	-1.385	-0.660	0.173	0.812
6241	62.40	1.001	0.651	-0.116	-1.009	-1.683	-1.886	-1.559	-0.856	-0.068	0.503
6251	62.50	0.669	0.416	-0.106	-0.673	-1.083	-1.235	-1.136	-0.868	-0.526	-0.171
6261	62.60	0.173	0.495	0.761	0.897	0.815	0.470	-0.089	-0.703	-1.148	-1.223
6271	62.70	-0.843	-0.104	0.740	1.365	1.506	1.071	0.187	-0.840	-1.647	-1.952
6281	62.80	-1.661	-0.903	0.030	0.802	1.163	1.034	0.526	-0.120	-0.635	-0.824
6291	62.90	-0.636	-0.163	0.399	0.840	1.003	0.834	0.395	-0.178	-0.713	-1.066
6301	63.00	-1.149	-0.949	-0.525	0.019	0.551	0.946	1.105	0.980	0.586	0.008
6311	63.10	-0.619	-1.137	-1.407	-1.359	-1.012	-0.481	0.059	0.426	0.498	0.246
6321	63.20	-0.250	-0.834	-1.333	-1.613	-1.622	-1.392	-1.017	-0.608	-0.259	-0.030
6331	63.30	0.053	-0.021	-0.253	-0.632	-1.114	-1.609	-1.981	-2.085	-1.825	-1.205
6341	63.40	-0.357	0.489	1.080	1.236	0.923	0.273	-0.463	-1.023	-1.229	-1.056
6351	63.50	-0.626	-0.135	0.238	0.416	0.437	0.414	0.455	0.590	0.751	0.804
6361	63.60	0.632	0.210	-0.359	-0.882	-1.154	-1.053	-0.606	0.027	0.612	0.946
6371	63.70	0.930	0.603	0.105	-0.390	-0.749	-0.918	-0.914	-0.788	-0.580	-0.300
6381	63.80	0.063	0.502	0.967	1.363	1.579	1.544	1.263	0.829	0.391	0.088
6391	63.90	-0.001	0.111	0.339	0.571	0.725	0.779	0.765	0.734	0.718	0.702
6401	64.00	0.636	0.473	0.207	-0.110	-0.376	-0.495	-0.418	-0.175	0.137	0.398
6411	64.10	0.524	0.504	0.405	0.332	0.368	0.531	0.760	0.940	0.960	0.769
6421	64.20	0.395	-0.057	-0.456	-0.695	-0.728	-0.579	-0.314	-0.011	0.277	0.525
6431	64.30	0.728	0.879	0.945	0.879	0.639	0.219	-0.330	-0.893	-1.326	-1.501
6441	64.40	-1.349	-0.893	-0.246	0.419	0.919	1.110	0.930	0.412	-0.328	-1.122
6451	64.50	-1.794	-2.202	-2.272	-2.011	-1.500	-0.872	-0.272	0.184	0.437	0.503
6461	64.60	0.454	0.392	0.406	0.535	0.753	0.983	1.128	1.114	0.928	0.623
6471	64.70	0.306	0.087	0.039	0.162	0.382	0.586	0.674	0.604	0.419	0.229
6481	64.80	0.161	0.292	0.606	0.982	1.237	1.198	0.784	0.051	-0.814	-1.552
6491	64.90	-1.932	-1.830	-1.281	-0.458	0.393	1.043	1.361	1.342	1.086	0.738

Table 7-23-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.419	0.187	0.030	-0.101	-0.244	-0.399	-0.522	-0.552	-0.448	-0.222
6511	65.10	0.067	0.339	0.527	0.611	0.618	0.593	0.567	0.529	0.429	0.208
6521	65.20	-0.151	-0.593	-0.993	-1.199	-1.100	-0.682	-0.051	0.599	1.061	1.197
6531	65.30	0.996	0.573	0.120	-0.181	-0.231	-0.052	0.237	0.483	0.572	0.481
6541	65.40	0.281	0.090	0.014	0.090	0.265	0.427	0.460	0.299	-0.036	-0.447
6551	65.50	-0.798	-0.974	-0.917	-0.649	-0.251	0.171	0.524	0.752	0.839	0.801
6561	65.60	0.667	0.471	0.247	0.034	-0.124	-0.189	-0.138	0.018	0.229	0.414
6571	65.70	0.490	0.406	0.162	-0.175	-0.498	-0.690	-0.674	-0.439	-0.049	0.375
6581	65.80	0.699	0.819	0.697	0.368	-0.076	-0.521	-0.865	-1.052	-1.074	-0.957
6591	65.90	-0.740	-0.458	-0.130	0.230	0.593	0.904	1.085	1.054	0.763	0.229
6601	66.00	-0.454	-1.134	-1.666	-1.868	-1.763	-1.391	-0.884	-0.390	-0.025	0.165
6611	66.10	0.202	0.146	0.068	-0.071	-0.229	-0.450	-0.729	-1.008	-1.185	-1.157
6621	66.20	-0.873	-0.377	0.192	0.645	0.822	0.660	0.229	-0.294	-0.698	-0.822
6631	66.30	-0.625	-0.196	0.292	0.657	0.793	0.702	0.484	0.275	0.175	0.203
6641	66.40	0.289	0.322	0.205	-0.082	-0.471	-0.834	-1.035	-0.996	-0.730	-0.334
6651	66.50	0.049	0.293	0.330	0.175	-0.092	-0.366	-0.562	-0.645	-0.636	-0.593
6661	66.60	-0.575	-0.614	-0.695	-0.770	-0.781	-0.693	-0.522	-0.331	-0.211	-0.243
6671	66.70	-0.451	-0.783	-1.118	-1.308	-1.233	-0.861	-0.267	0.383	0.888	1.091
6681	66.80	0.939	0.505	-0.041	-0.498	-0.715	-0.640	-0.333	0.072	0.429	0.639
6691	66.90	0.678	0.587	0.433	0.265	0.096	-0.093	-0.321	-0.574	-0.797	-0.907
6701	67.00	-0.838	-0.580	-0.194	0.203	0.488	0.581	0.482	0.261	0.026	-0.135
6711	67.10	-0.185	-0.155	-0.108	-0.105	-0.162	-0.244	-0.285	-0.230	-0.064	0.172
6721	67.20	0.400	0.551	0.592	0.546	0.477	0.452	0.503	0.611	0.709	0.722
6731	67.30	0.598	0.336	-0.008	-0.351	-0.609	-0.729	-0.697	-0.534	-0.282	0.015
6741	67.40	0.318	0.588	0.791	0.894	0.878	0.749	0.542	0.317	0.138	0.019
6751	67.50	0.058	0.136	0.235	0.313	0.359	0.396	0.468	0.607	0.815	1.047
6761	67.60	1.228	1.285	1.181	0.933	0.617	0.335	0.180	0.198	0.377	0.649
6771	67.70	0.925	1.124	1.203	1.166	1.059	0.942	0.865	0.844	0.861	0.862
6781	67.80	0.788	0.595	0.277	-0.124	-0.524	-0.825	-0.945	-0.845	-0.551	-0.144
6791	67.90	0.269	0.584	0.744	0.743	0.624	0.447	0.262	0.089	-0.080	-0.258
6801	68.00	-0.437	-0.576	-0.609	-0.479	-0.176	0.234	0.625	0.848	0.796	0.454
6811	68.10	-0.080	-0.627	-0.993	-1.048	-0.775	-0.280	0.252	0.637	0.756	0.601
6821	68.20	0.261	-0.121	-0.416	-0.553	-0.536	-0.424	-0.289	-0.181	-0.110	-0.058
6831	68.30	-0.007	0.035	0.029	-0.078	-0.326	-0.703	-1.144	-1.537	-1.764	-1.745
6841	68.40	-1.466	-0.990	-0.433	0.068	0.399	0.498	0.367	0.065	-0.314	-0.667
6851	68.50	-0.906	-0.975	-0.859	-0.585	-0.215	0.170	0.487	0.672	0.695	0.566
6861	68.60	0.333	0.068	-0.150	-0.258	-0.222	-0.047	0.229	0.542	0.814	0.977
6871	68.70	0.986	0.831	0.537	0.164	-0.213	-0.521	-0.711	-0.761	-0.685	-0.516
6881	68.80	-0.298	-0.074	0.121	0.258	0.317	0.284	0.161	-0.024	-0.217	-0.348
6891	68.90	-0.356	-0.218	0.025	0.278	0.420	0.358	0.078	-0.334	-0.711	-0.873
6901	69.00	-0.706	-0.224	0.417	0.974	1.217	1.021	0.436	-0.335	-1.017	-1.376
6911	69.10	-1.321	-0.939	-0.444	-0.080	0.002	-0.196	-0.524	-0.768	-0.759	-0.466
6921	69.20	-0.015	0.374	0.486	0.227	-0.331	-0.977	-1.451	-1.560	-1.258	-0.660
6931	69.30	0.016	0.545	0.785	0.722	0.455	0.126	-0.139	-0.284	-0.323	-0.302
6941	69.40	-0.263	-0.211	-0.123	0.027	0.232	0.441	0.581	0.590	0.459	0.244
6951	69.50	0.046	-0.042	0.020	0.195	0.382	0.469	0.392	0.168	-0.104	-0.292
6961	69.60	-0.293	-0.086	0.259	0.606	0.820	0.827	0.646	0.378	0.155	0.081
6971	69.70	0.179	0.389	0.590	0.661	0.538	0.239	-0.140	-0.465	-0.623	-0.567
6981	69.80	-0.334	-0.027	0.227	0.327	0.240	0.005	-0.283	-0.521	-0.642	-0.641
6991	69.90	-0.573	-0.526	-0.567	-0.711	-0.898	-1.021	-0.972	-0.703	-0.256	0.235

Table 7-23-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	0.595	0.677	0.434	-0.054	-0.604	-0.993	-1.054	-0.738	-0.139	0.543
7011	70.10	1.085	1.321	1.206	0.820	0.323	-0.113	-0.372	-0.424	-0.318	-0.140
7021	70.20	0.029	0.151	0.228	0.283	0.336	0.379	0.384	0.319	0.171	-0.036
7031	70.30	-0.251	-0.410	-0.468	-0.412	-0.269	-0.092	0.066	0.161	0.181	0.133
7041	70.40	0.046	-0.046	-0.108	-0.114	-0.049	0.084	0.255	0.414	0.500	0.457
7051	70.50	0.268	-0.040	-0.388	-0.673	-0.797	-0.707	-0.416	-0.003	0.417	0.727
7061	70.60	0.849	0.769	0.530	0.217	-0.076	-0.274	-0.338	-0.270	-0.099	0.125
7071	70.70	0.366	0.516	0.600	0.580	0.464	0.277	0.064	-0.124	-0.242	-0.266
7081	70.80	-0.194	-0.052	0.114	0.252	0.320	0.294	0.185	0.032	-0.102	-0.148
7091	70.90	-0.061	0.165	0.482	0.797	1.002	1.020	0.835	0.515	0.184	-0.020
7101	71.00	-0.014	0.187	0.467	0.650	0.582	0.205	-0.397	-1.027	-1.448	-1.488
7111	71.10	-1.121	-0.488	0.163	0.574	0.597	0.252	-0.283	-0.754	-0.947	-0.782
7121	71.20	-0.338	0.190	0.592	0.733	0.613	0.351	0.113	0.025	0.116	0.315
7131	71.30	0.494	0.549	0.450	0.255	0.068	-0.016	0.029	0.151	0.251	0.246
7141	71.40	0.114	-0.088	-0.249	-0.272	-0.119	0.161	0.458	0.654	0.683	0.560
7151	71.50	0.369	0.211	0.152	0.186	0.246	0.241	0.114	-0.119	-0.379	-0.558
7161	71.60	-0.574	-0.418	-0.153	0.113	0.283	0.314	0.230	0.100	-0.010	-0.074
7171	71.70	-0.121	-0.205	-0.367	-0.587	-0.782	-0.836	-0.662	-0.256	0.281	0.772
7181	71.80	1.035	0.964	0.577	0.017	-0.507	-0.807	-0.789	-0.486	-0.030	0.415
7191	71.90	0.723	0.855	0.853	0.795	0.740	0.693	0.604	0.414	0.111	-0.247
7201	72.00	-0.532	-0.610	-0.410	0.027	0.544	0.928	0.998	0.692	0.098	-0.573
7211	72.10	-1.079	-1.246	-1.042	-0.587	-0.097	0.215	0.224	-0.058	-0.502	-0.926
7221	72.20	-1.178	-1.192	-0.997	-0.688	-0.366	-0.097	0.104	0.256	0.372	0.439
7231	72.30	0.414	0.254	-0.047	-0.435	-0.800	-1.021	-1.014	-0.776	-0.386	0.022
7241	72.40	0.319	0.428	0.351	0.156	-0.065	-0.239	-0.343	-0.398	-0.445	-0.514
7251	72.50	-0.604	-0.688	-0.738	-0.747	-0.739	-0.755	-0.826	-0.947	-1.071	-1.134
7261	72.60	-1.084	-0.921	-0.695	-0.491	-0.379	-0.374	-0.424	-0.432	-0.314	-0.064
7271	72.70	0.315	0.638	0.788	0.689	0.370	-0.045	-0.383	-0.503	-0.357	-0.008
7281	72.80	0.395	0.693	0.778	0.636	0.341	0.008	-0.258	-0.406	-0.438	-0.389
7291	72.90	-0.286	-0.136	0.074	0.349	0.654	0.910	1.021	0.919	0.606	0.173
7301	73.00	-0.231	-0.459	-0.432	-0.174	0.196	0.520	0.672	0.611	0.389	0.120
7311	73.10	-0.087	-0.175	-0.161	-0.110	-0.084	-0.100	-0.118	-0.065	0.108	0.387
7321	73.20	0.690	0.895	0.907	0.712	0.390	0.087	-0.059	0.016	0.269	0.573
7331	73.30	0.781	0.801	0.644	0.414	0.247	0.238	0.386	0.592	0.710	0.631
7341	73.40	0.339	-0.071	-0.437	-0.608	-0.518	-0.214	0.172	0.489	0.638	0.616
7351	73.50	0.499	0.390	0.360	0.407	0.471	0.479	0.395	0.253	0.132	0.114
7361	73.60	0.218	0.382	0.487	0.422	0.157	-0.227	-0.557	-0.655	-0.424	0.084
7371	73.70	0.681	1.121	1.213	0.910	0.337	-0.269	-0.665	-0.718	-0.456	-0.053
7381	73.80	0.271	0.355	0.175	-0.152	-0.434	-0.509	-0.325	0.036	0.409	0.629
7391	73.90	0.616	0.410	0.138	-0.056	-0.093	0.002	0.119	0.126	-0.050	-0.385
7401	74.00	-0.758	-1.016	-1.050	-0.848	-0.505	-0.180	-0.024	-0.111	-0.412	-0.814
7411	74.10	-1.172	-1.366	-1.343	-1.125	-0.783	-0.407	-0.075	0.155	0.250	0.197
7421	74.20	0.004	-0.290	-0.614	-0.870	-0.960	-0.828	-0.487	-0.030	0.393	0.636
7431	74.30	0.612	0.332	-0.088	-0.478	-0.676	-0.597	-0.264	0.205	0.662	0.895
7441	74.40	0.883	0.617	0.185	-0.283	-0.661	-0.864	-0.858	-0.661	-0.328	0.064
7451	74.50	0.428	0.683	0.767	0.656	0.373	-0.008	-0.380	-0.637	-0.707	-0.581
7461	74.60	-0.317	-0.018	0.206	0.283	0.200	0.005	-0.216	-0.382	-0.442	-0.392
7471	74.70	-0.269	-0.120	0.012	0.108	0.174	0.225	0.275	0.328	0.383	0.439
7481	74.80	0.500	0.574	0.664	0.756	0.820	0.812	0.701	0.488	0.218	-0.031
7491	74.90	-0.170	-0.138	0.069	0.390	0.714	0.924	0.933	0.723	0.347	-0.092

Table 7-23-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.471	-0.696	-0.722	-0.566	-0.293	0.012	0.267	0.417	0.441	0.355
7511	75.10	0.201	0.038	-0.078	-0.101	-0.016	0.164	0.390	0.595	0.709	0.687
7521	75.20	0.523	0.258	-0.031	-0.251	-0.326	-0.221	0.041	0.393	0.734	0.966
7531	75.30	1.019	0.873	0.556	0.142	-0.279	-0.620	-0.820	-0.857	-0.745	-0.525
7541	75.40	-0.255	0.006	0.207	0.314	0.303	0.169	-0.077	-0.402	-0.752	-1.053
7551	75.50	-1.228	-1.220	-1.010	-0.639	-0.195	0.198	0.430	0.434	0.217	-0.147
7561	75.60	-0.537	-0.832	-0.948	-0.864	-0.612	-0.263	0.111	0.452	0.722	0.889
7571	75.70	0.917	0.766	0.465	-0.153	-0.826	-1.463	-1.881	-1.922	-1.527	-0.773
7581	75.80	0.136	0.926	1.353	1.288	0.766	-0.024	-0.816	-1.357	-1.497	-1.227
7591	75.90	-0.664	0.010	0.616	1.036	1.232	1.230	1.086	0.853	0.577	0.291
7601	76.00	0.037	-0.139	-0.191	-0.106	0.084	0.300	0.434	0.402	0.180	-0.177
7611	76.10	-0.548	-0.793	-0.813	-0.591	-0.201	0.218	0.520	0.604	0.451	0.123
7621	76.20	-0.269	-0.603	-0.793	-0.804	-0.649	-0.374	-0.040	0.294	0.577	0.764
7631	76.30	0.822	0.737	0.523	0.224	-0.094	-0.361	-0.528	-0.583	-0.552	-0.484
7641	76.40	-0.422	-0.386	-0.357	-0.297	-0.169	0.033	0.273	0.483	0.588	0.539
7651	76.50	0.340	0.042	-0.266	-0.500	-0.603	-0.563	-0.413	-0.207	0.000	0.168
7661	76.60	0.280	0.338	0.348	0.321	0.264	0.184	0.091	-0.007	-0.106	-0.204
7671	76.70	-0.307	-0.412	-0.508	-0.567	-0.552	-0.438	-0.225	0.047	0.303	0.465
7681	76.80	0.476	0.342	0.125	-0.074	-0.154	-0.062	0.187	0.510	0.796	0.952
7691	76.90	0.942	0.801	0.612	0.463	0.407	0.436	0.497	0.515	0.442	0.276
7701	77.00	0.063	-0.130	-0.246	-0.266	-0.212	-0.127	-0.048	0.014	0.078	0.168
7711	77.10	0.294	0.427	0.511	0.480	0.302	-0.002	-0.349	-0.631	-0.752	-0.675
7721	77.20	-0.435	-0.128	0.135	0.274	0.271	0.173	0.064	0.017	0.062	0.167
7731	77.30	0.263	0.282	0.193	0.027	-0.134	-0.197	-0.103	0.142	0.460	0.732
7741	77.40	0.847	0.748	0.458	0.075	-0.273	-0.471	-0.469	-0.296	-0.043	0.177
7751	77.50	0.274	0.220	0.049	-0.157	-0.311	-0.353	-0.272	-0.103	0.098	0.279
7761	77.60	0.415	0.503	0.551	0.561	0.518	0.393	0.172	-0.127	-0.441	-0.676
7771	77.70	-0.740	-0.587	-0.245	0.180	0.542	0.706	0.605	0.270	-0.180	-0.586
7781	77.80	-0.807	-0.779	-0.528	-0.159	0.199	0.442	0.528	0.480	0.362	0.240
7791	77.90	0.155	0.111	0.090	0.073	0.064	0.081	0.144	0.247	0.345	0.363
7801	78.00	0.225	-0.094	-0.547	-1.011	-1.326	-1.360	-1.072	-0.543	0.039	0.445
7811	78.10	0.487	0.102	-0.618	-1.449	-2.109	-2.366	-2.114	-1.423	-0.505	0.356
7821	78.20	0.905	1.002	0.666	0.050	-0.613	-1.107	-1.299	-1.178	-0.844	-0.650
7831	78.30	-0.144	-0.009	-0.041	-0.170	-0.298	-0.348	-0.297	-0.178	-0.057	0.004
7841	78.40	-0.018	-0.097	-0.169	-0.168	-0.060	0.132	0.338	0.465	0.438	0.237
7851	78.50	-0.094	-0.461	-0.755	-0.892	-0.841	-0.633	-0.337	-0.033	0.219	0.393
7861	78.60	0.499	0.555	0.579	0.572	0.523	0.423	0.285	0.142	0.040	0.016
7871	78.70	0.083	0.213	0.352	0.441	0.448	0.377	0.273	0.195	0.188	0.260
7881	78.80	0.378	0.483	0.524	0.480	0.372	0.252	0.171	0.158	0.205	0.271
7891	78.90	0.308	0.289	0.225	0.155	0.130	0.185	0.317	0.488	0.642	0.732
7901	79.00	0.739	0.680	0.591	0.506	0.445	0.403	0.362	0.311	0.250	0.198
7911	79.10	0.175	0.188	0.225	0.257	0.254	0.208	0.137	0.078	0.067	0.115
7921	79.20	0.198	0.269	0.285	0.237	0.160	0.119	0.179	0.357	0.607	0.829
7931	79.30	0.910	0.781	0.457	0.040	-0.324	-0.503	-0.443	-0.190	0.126	0.359
7941	79.40	0.406	0.261	0.007	-0.225	-0.321	-0.243	-0.040	0.181	0.310	0.294
7951	79.50	0.160	-0.002	-0.092	-0.058	0.069	0.187	0.172	-0.052	-0.469	-0.962
7961	79.60	-1.354	-1.487	-1.283	-0.793	-0.170	0.381	0.686	0.664	0.353	-0.115
7971	79.70	-0.573	-0.887	-0.998	-0.934	-0.786	-0.644	-0.577	-0.592	-0.644	-0.670
7981	79.80	-0.621	-0.486	-0.294	-0.102	0.038	0.097	0.083	0.031	-0.016	-0.028
7991	79.90	0.002	0.055	0.098	0.105	0.070	0.008	-0.049	-0.065	-0.017	0.096

Table 7-23-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	0.250	0.403	0.512	0.541	0.479	0.337	0.154	-0.024	-0.151	-0.199
8011	80.10	-0.163	-0.064	0.061	0.171	0.234	0.233	0.168	0.053	-0.095	-0.253
8021	80.20	-0.396	-0.494	-0.514	-0.428	-0.227	0.064	0.381	0.633	0.729	0.620
8031	80.30	0.323	-0.070	-0.422	-0.598	-0.531	-0.249	0.123	0.411	0.465	0.219
8041	80.40	-0.272	-0.858	-1.351	-1.606	-1.571	-1.303	-0.927	-0.575	-0.320	-0.159
8051	80.50	-0.027	0.146	0.384	0.638	0.805	0.784	0.534	0.115	-0.331	-0.635
8061	80.60	-0.675	-0.437	-0.021	0.399	0.652	0.646	0.406	0.051	-0.258	-0.400
8071	80.70	-0.340	-0.138	0.087	0.225	0.221	0.103	-0.045	-0.130	-0.100	0.031
8081	80.80	0.195	0.309	0.319	0.233	0.109	0.024	0.027	0.109	0.203	0.221
8091	80.90	0.097	-0.166	-0.485	-0.733	-0.785	-0.579	-0.153	0.369	0.817	1.045
8101	81.00	0.985	0.673	0.232	-0.181	-0.434	-0.468	-0.311	-0.049	0.211	0.390
8111	81.10	0.462	0.450	0.403	0.364	0.350	0.351	0.345	0.317	0.276	0.251
8121	81.20	0.274	0.356	0.472	0.572	0.594	0.498	0.289	0.014	-0.245	-0.406
8131	81.30	-0.416	-0.269	-0.004	0.306	0.579	0.746	0.765	0.626	0.355	0.004
8141	81.40	-0.351	-0.626	-0.751	-0.688	-0.449	-0.099	0.261	0.527	0.627	0.541
8151	81.50	0.311	0.011	-0.284	-0.530	-0.721	-0.878	-1.021	-1.140	-1.191	-1.116
8161	81.60	-0.884	-0.514	-0.092	0.262	0.439	0.392	0.160	-0.154	-0.422	-0.559
8171	81.70	-0.553	-0.466	-0.392	-0.399	-0.489	-0.596	-0.623	-0.498	-0.226	0.107
8181	81.80	0.371	0.452	0.317	0.031	-0.268	-0.436	-0.386	-0.133	0.220	0.531
8191	81.90	0.689	0.660	0.494	0.295	0.160	0.136	0.206	0.311	0.391	0.420
8201	82.00	0.415	0.419	0.464	0.543	0.612	0.611	0.506	0.316	0.110	-0.025
8211	82.10	-0.031	0.088	0.260	0.378	0.354	0.169	-0.116	-0.385	-0.521	-0.460
8221	82.20	-0.227	0.081	0.338	0.447	0.382	0.194	-0.020	-0.163	-0.184	-0.091
8231	82.30	0.063	0.213	0.321	0.382	0.425	0.477	0.543	0.599	0.602	0.523
8241	82.40	0.367	0.185	0.049	0.022	0.118	0.292	0.452	0.502	0.390	0.131
8251	82.50	-0.188	-0.444	-0.532	-0.409	-0.114	0.244	0.535	0.656	0.573	0.328
8261	82.60	0.018	-0.251	-0.403	-0.419	-0.336	-0.224	-0.146	-0.142	-0.208	-0.315
8271	82.70	-0.424	-0.505	-0.551	-0.570	-0.575	-0.570	-0.548	-0.494	-0.398	-0.264
8281	82.80	-0.113	0.027	0.128	0.180	0.190	0.180	0.169	0.166	0.168	0.162
8291	82.90	0.144	0.121	0.110	0.129	0.177	0.226	0.223	0.112	-0.134	-0.492
8301	83.00	-0.885	-1.201	-1.335	-1.234	-0.923	-0.500	-0.105	0.135	0.152	-0.043
8311	83.10	-0.366	-0.701	-0.944	-1.038	-0.984	-0.824	-0.614	-0.393	-0.180	0.025
8321	83.20	0.218	0.378	0.469	0.452	0.314	0.084	-0.172	-0.368	-0.437	-0.358
8331	83.30	-0.163	0.079	0.294	0.439	0.513	0.550	0.586	0.632	0.657	0.604
8341	83.40	0.425	0.121	-0.241	-0.541	-0.658	-0.524	-0.169	0.279	0.643	0.769
8351	83.50	0.595	0.186	-0.295	-0.649	-0.733	-0.513	-0.084	0.378	0.696	0.767
8361	83.60	0.602	0.310	0.067	-0.064	0.018	0.239	0.488	0.651	0.668	0.552
8371	83.70	0.377	0.233	0.184	0.239	0.356	0.471	0.532	0.519	0.448	0.352
8381	83.80	0.260	0.186	0.128	0.087	0.075	0.116	0.228	0.407	0.608	0.757
8391	83.90	0.775	0.620	0.314	-0.055	-0.365	-0.504	-0.424	-0.157	0.192	0.498
8401	84.00	0.663	0.655	0.515	0.326	0.171	0.089	0.065	0.047	-0.019	-0.151
8411	84.10	-0.314	-0.439	-0.451	-0.318	-0.069	0.208	0.400	0.415	0.221	-0.139
8421	84.20	-0.562	-0.924	-1.125	-1.123	-0.947	-0.685	-0.443	-0.311	-0.331	-0.487
8431	84.30	-0.711	-0.919	-1.040	-1.046	-0.961	-0.842	-0.756	-0.742	-0.789	-0.839
8441	84.40	-0.814	-0.657	-0.375	-0.046	0.201	0.235	-0.013	-0.506	-1.101	-1.593
8451	84.50	-1.793	-1.602	-1.060	-0.337	0.332	0.734	0.763	0.454	-0.031	-0.474
8461	84.60	-0.691	-0.598	-0.241	0.239	0.663	0.895	0.882	0.672	0.372	0.105
8471	84.70	-0.045	-0.060	0.022	0.130	0.200	0.204	0.155	0.100	0.091	0.163
8481	84.80	0.315	0.514	0.705	0.830	0.850	0.758	0.583	0.379	0.212	0.139
8491	84.90	0.185	0.337	0.541	0.721	0.806	0.756	0.580	0.343	0.140	0.066

Table 7-23-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.170	0.434	0.767	1.030	1.088	0.859	0.353	-0.328	-1.015	-1.530
8511	85.10	-1.745	-1.626	-1.239	-0.720	-0.227	0.123	0.286	0.298	0.247	0.223
8521	85.20	0.281	0.413	0.560	0.640	0.596	0.420	0.162	-0.090	-0.246	-0.247
8531	85.30	-0.093	0.164	0.442	0.655	0.746	0.700	0.539	0.311	0.070	-0.141
8541	85.40	-0.293	-0.374	-0.383	-0.329	-0.229	-0.102	0.027	0.134	0.200	0.217
8551	85.50	0.189	0.128	0.053	-0.020	-0.077	-0.108	-0.107	-0.070	0.001	0.100
8561	85.60	0.210	0.309	0.375	0.393	0.365	0.310	0.261	0.247	0.281	0.352
8571	85.70	0.419	0.433	0.356	0.173	-0.076	-0.324	-0.491	-0.513	-0.372	-0.111
8581	85.80	0.184	0.410	0.491	0.411	0.222	0.026	-0.069	0.001	0.225	0.510
8591	85.90	0.726	0.756	0.565	0.215	-0.146	-0.348	-0.277	0.067	0.554	0.981
8601	86.00	1.149	0.961	0.468	-0.150	-0.651	-0.849	-0.685	-0.260	0.220	0.536
8611	86.10	0.561	0.313	-0.062	-0.366	-0.450	-0.287	0.017	0.286	0.360	0.184
8621	86.20	-0.171	-0.545	-0.770	-0.755	-0.529	-0.217	0.027	0.102	0.010	-0.156
8631	86.30	-0.266	-0.230	-0.047	0.194	0.364	0.362	0.167	-0.156	-0.494	-0.749
8641	86.40	-0.884	-0.935	-0.972	-1.047	-1.149	-1.207	-1.124	-0.849	-0.418	0.045
8651	86.50	0.371	0.431	0.196	-0.234	-0.672	-0.925	-0.878	-0.544	-0.053	0.407
8661	86.60	0.677	0.688	0.483	0.182	-0.081	-0.220	-0.224	-0.147	-0.067	-0.041
8671	86.70	-0.079	-0.144	-0.182	-0.158	-0.073	0.033	0.104	0.094	-0.008	-0.178
8681	86.80	-0.367	-0.521	-0.600	-0.588	-0.493	-0.345	-0.183	-0.051	0.010	-0.021
8691	86.90	-0.139	-0.309	-0.472	-0.564	-0.539	-0.391	-0.162	0.079	0.260	0.341
8701	87.00	0.331	0.280	0.249	0.272	0.336	0.383	0.342	0.174	-0.091	-0.358
8711	87.10	-0.504	-0.433	-0.136	0.294	0.684	0.855	0.695	0.220	-0.429	-1.039
8721	87.20	-1.406	-1.424	-1.122	-0.644	-0.188	0.085	0.115	-0.040	-0.241	-0.339
8731	87.30	-0.246	0.026	0.377	0.672	0.800	0.731	0.515	0.260	0.068	-0.007
8741	87.40	0.017	0.072	0.081	0.007	-0.128	-0.249	-0.274	-0.159	0.071	0.325
8751	87.50	0.488	0.474	0.272	-0.042	-0.337	-0.482	-0.407	-0.134	0.229	0.539
8761	87.60	0.679	0.610	0.385	0.123	-0.050	-0.054	0.107	0.355	0.574	0.669
8771	87.70	0.607	0.428	0.224	0.089	0.081	0.192	0.363	0.515	0.586	0.564
8781	87.80	0.484	0.404	0.369	0.385	0.412	0.391	0.271	0.047	-0.228	-0.466
8791	87.90	-0.572	-0.495	-0.253	0.071	0.350	0.468	0.362	0.047	-0.386	-0.805
8801	88.00	-1.075	-1.109	-0.892	-0.481	0.014	0.465	0.766	0.855	0.735	0.462
8811	88.10	0.129	-0.161	-0.328	-0.336	-0.206	-0.010	0.156	0.203	0.086	-0.178
8821	88.20	-0.508	-0.792	-0.923	-0.844	-0.577	-0.209	0.135	0.346	0.374	0.247
8831	88.30	0.056	-0.088	-0.104	0.023	0.242	0.459	0.586	0.586	0.480	0.340
8841	88.40	0.248	0.253	0.349	0.481	0.579	0.593	0.520	0.406	0.314	0.294
8851	88.50	0.352	0.450	0.528	0.541	0.481	0.385	0.314	0.315	0.400	0.530
8861	88.60	0.644	0.683	0.631	0.517	0.404	0.349	0.380	0.472	0.567	0.602
8871	88.70	0.545	0.406	0.236	0.093	0.011	-0.014	-0.019	-0.046	-0.117	-0.218
8881	88.80	-0.307	-0.343	-0.312	-0.242	-0.190	-0.207	-0.308	-0.457	-0.575	-0.585
8891	88.90	-0.451	-0.209	0.047	0.198	0.159	-0.081	-0.452	-0.829	-1.087	-1.148
8901	89.00	-1.012	-0.747	-0.451	-0.209	-0.060	0.008	0.033	0.054	0.084	0.104
8911	89.10	0.085	0.004	-0.132	-0.285	-0.406	-0.454	-0.414	-0.303	-0.157	-0.012
8921	89.20	0.111	0.208	0.286	0.347	0.380	0.369	0.299	0.175	0.023	-0.111
8931	89.30	-0.189	-0.195	-0.147	-0.092	-0.080	-0.137	-0.251	-0.371	-0.431	-0.385
8941	89.40	-0.230	-0.015	0.176	0.261	0.197	0.000	-0.255	-0.469	-0.556	-0.482
8951	89.50	-0.277	-0.023	0.185	0.275	0.232	0.097	-0.051	-0.138	-0.127	-0.041
8961	89.60	0.050	0.066	-0.046	-0.273	-0.537	-0.719	-0.709	-0.465	-0.035	0.440
8971	89.70	0.779	0.828	0.526	-0.063	-0.763	-1.351	-1.633	-1.525	-1.082	-0.475
8981	89.80	0.070	0.364	0.319	-0.020	-0.509	-0.963	-1.239	-1.281	-1.134	-0.908
8991	89.90	-0.720	-0.639	-0.661	-0.714	-0.707	-0.576	-0.320	-0.005	0.270	0.411

Table 7-23-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.380	0.206	-0.023	-0.199	-0.242	-0.129	0.094	0.332	0.478	0.460
9011	90.10	0.263	-0.061	-0.414	-0.689	-0.808	-0.749	-0.554	-0.309	-0.108	-0.021
9021	90.20	-0.060	-0.180	-0.296	-0.320	-0.203	0.044	0.352	0.621	0.770	0.766
9031	90.30	0.646	0.496	0.412	0.453	0.611	0.816	0.967	0.984	0.847	0.604
9041	90.40	0.348	0.171	0.117	0.164	0.243	0.284	0.256	0.196	0.190	0.319
9051	90.50	0.611	1.005	1.365	1.537	1.419	1.019	0.454	-0.087	-0.429	-0.478
9061	90.60	-0.261	0.103	0.459	0.692	0.771	0.768	0.714	0.736	0.817	0.898
9071	90.70	0.892	0.748	0.484	0.190	-0.017	-0.052	0.091	0.329	0.535	0.596
9081	90.80	0.476	0.231	-0.019	-0.150	-0.094	0.127	0.418	0.659	0.761	0.697
9091	90.90	0.504	0.248	-0.020	-0.286	-0.563	-0.862	-1.157	-1.375	-1.423	-1.235
9101	91.00	-0.824	-0.292	0.192	0.467	0.445	0.160	-0.246	-0.581	-0.693	-0.531
9111	91.10	-0.171	0.228	0.493	0.520	0.311	-0.030	-0.355	-0.541	-0.536	-0.374
9121	91.20	-0.146	0.051	0.152	0.147	0.061	-0.063	-0.200	-0.338	-0.474	-0.588
9131	91.30	-0.640	-0.575	-0.356	0.005	0.436	0.815	1.016	0.961	0.652	0.179
9141	91.40	-0.320	-0.706	-0.899	-0.897	-0.766	-0.596	-0.460	-0.374	-0.303	-0.187
9151	91.50	0.013	0.288	0.570	0.764	0.785	0.605	0.268	-0.122	-0.437	-0.577
9161	91.60	-0.502	-0.251	0.083	0.386	0.562	0.570	0.424	0.186	-0.060	-0.242
9171	91.70	-0.315	-0.274	-0.148	0.017	0.171	0.276	0.315	0.295	0.238	0.174
9181	91.80	0.126	0.105	0.109	0.120	0.120	0.096	0.048	-0.016	-0.077	-0.125
9191	91.90	-0.157	-0.182	-0.214	-0.259	-0.306	-0.331	-0.302	-0.201	-0.036	0.151
9201	92.00	0.294	0.328	0.217	-0.024	-0.331	-0.610	-0.774	-0.777	-0.633	-0.411
9211	92.10	-0.202	-0.078	-0.058	-0.104	-0.139	-0.088	0.073	0.305	0.510	0.577
9221	92.20	0.432	0.081	-0.385	-0.819	-1.074	-1.061	-0.783	-0.327	0.169	0.576
9231	92.30	0.819	0.893	0.847	0.747	0.642	0.538	0.416	0.253	0.055	-0.136
9241	92.40	-0.256	-0.253	-0.124	0.075	0.249	0.300	0.181	-0.082	-0.398	-0.652
9251	92.50	-0.754	-0.686	-0.499	-0.290	-0.151	-0.122	-0.180	-0.257	-0.287	-0.240
9261	92.60	-0.145	-0.066	-0.062	-0.146	-0.271	-0.351	-0.311	-0.133	0.120	0.332
9271	92.70	0.383	0.215	-0.131	-0.530	-0.827	-0.906	-0.769	-0.437	-0.112	0.091
9281	92.80	0.111	-0.019	-0.199	-0.320	-0.325	-0.232	-0.119	-0.071	-0.121	-0.229
9291	92.90	-0.299	-0.236	-0.007	0.332	0.647	0.798	0.702	0.387	-0.020	-0.346
9301	93.00	-0.458	-0.322	-0.022	0.288	0.460	0.424	0.224	-0.016	-0.153	-0.105
9311	93.10	0.107	0.370	0.536	0.497	0.242	-0.135	-0.478	-0.640	-0.548	-0.232
9321	93.20	0.193	0.578	0.805	0.825	0.671	0.426	0.186	0.024	-0.037	-0.010
9331	93.30	0.065	0.144	0.193	0.197	0.154	0.078	-0.002	-0.052	-0.039	0.057
9341	93.40	0.222	0.411	0.556	0.587	0.465	0.202	-0.139	-0.468	-0.699	-0.789
9351	93.50	-0.748	-0.632	-0.510	-0.433	-0.411	-0.413	-0.394	-0.321	-0.190	-0.034
9361	93.60	0.108	0.205	0.257	0.289	0.335	0.408	0.492	0.547	0.533	0.434
9371	93.70	0.277	0.120	0.023	0.018	0.087	0.173	0.205	0.139	-0.020	-0.213
9381	93.80	-0.363	-0.410	-0.342	-0.199	-0.048	0.054	0.093	0.099	0.130	0.225
9391	93.90	0.381	0.540	0.619	0.557	0.346	0.051	-0.219	-0.360	-0.318	-0.121
9401	94.00	0.142	0.360	0.456	0.418	0.305	0.205	0.187	0.267	0.395	0.484
9411	94.10	0.460	0.296	0.035	-0.233	-0.410	-0.434	-0.306	-0.082	0.156	0.337
9421	94.20	0.429	0.448	0.437	0.440	0.475	0.527	0.560	0.535	0.434	0.272
9431	94.30	0.095	-0.043	-0.094	-0.041	0.100	0.281	0.441	0.520	0.487	0.342
9441	94.40	0.123	-0.109	-0.296	-0.401	-0.426	-0.413	-0.419	-0.492	-0.639	-0.814
9451	94.50	-0.933	-0.911	-0.704	-0.340	0.079	0.409	0.520	0.350	-0.068	-0.615
9461	94.60	-1.126	-1.451	-1.509	-1.301	-0.900	-0.412	0.061	0.455	0.741	0.911
9471	94.70	0.967	0.904	0.722	0.436	0.086	-0.262	-0.541	-0.704	-0.741	-0.682
9481	94.80	-0.578	-0.474	-0.393	-0.329	-0.263	-0.185	-0.102	-0.042	-0.028	-0.060
9491	94.90	-0.100	-0.090	0.022	0.248	0.539	0.799	0.928	0.867	0.632	0.315

Table 7-23-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1215 S601-DA-2-1 U-D (U-D) SHIJYUSHIDA DAM MAX. ACC. = 88.937 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	0.043	-0.074	0.006	0.240	0.527	0.750	0.832	0.764	0.597	0.407
9511	95.10	0.251	0.144	0.060	-0.041	-0.175	-0.316	-0.399	-0.360	-0.168	0.166
9521	95.20	0.489	0.746	0.820	0.672	0.336	-0.098	-0.514	-0.813	-0.938	-0.875
9531	95.30	-0.652	-0.317	0.065	0.430	0.710	0.849	0.811	0.598	0.256	-0.136
9541	95.40	-0.490	-0.734	-0.843	-0.835	-0.759	-0.661	-0.563	-0.454	-0.306	-0.104
9551	95.50	0.123	0.306	0.350	0.185	-0.194	-0.710	-1.217	-1.557	-1.619	-1.383
9561	95.60	-0.935	-0.425	-0.015	0.187	0.165	-0.012	-0.228	-0.371	-0.382	-0.272
9571	95.70	-0.104	0.037	0.085	0.022	-0.127	-0.305	-0.456	-0.545	-0.566	-0.534
9581	95.80	-0.475	-0.405	-0.328	-0.237	-0.125	0.005	0.138	0.244	0.295	0.272
9591	95.90	0.175	0.024	-0.149	-0.305	-0.415	-0.457	-0.429	-0.337	-0.198	-0.030
9601	96.00	0.145	0.303	0.419	0.467	0.427	0.296	0.091	-0.145	-0.351	-0.464
9611	96.10	-0.439	-0.266	0.023	0.359	0.660	0.856	0.908	0.823	0.646	0.440
9621	96.20	0.265	0.154	0.111	0.114	0.130	0.132	0.109	0.066	0.026	0.011
9631	96.30	0.039	0.119	0.244	0.396	0.549	0.673	0.747	0.761	0.727	0.675
9641	96.40	0.644	0.664	0.741	0.845	0.921	0.910	0.782	0.560	0.320	0.165
9651	96.50	0.182	0.392	0.725	1.035	1.156	0.966	0.452	-0.275	-1.011	-1.529
9661	96.60	-1.673	-1.410	-0.843	-0.166	0.414	0.756	0.826	0.690	0.471	0.279
9671	96.70	0.165	0.114	0.071	-0.014	-0.150	-0.291	-0.365	-0.315	-0.135	0.116
9681	96.80	0.340	0.444	0.384	0.187	-0.064	-0.271	-0.365	-0.340	-0.253	-0.187
9691	96.90	-0.212	-0.344	-0.540	-0.718	-0.792	-0.718	-0.509	-0.226	0.046	0.244
9701	97.00	0.342	0.363	0.352	0.350	0.372	0.395	0.371	0.254	0.027	-0.285
9711	97.10	-0.618	-0.890	-1.031	-1.002	-0.814	-0.519	-0.193	0.090	0.275	0.344
9721	97.20	0.309	0.209	0.091							

Table 7-24-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.166	-2.359	-3.197	-1.744	1.608	5.535	8.253	8.241	4.920	-0.980
11	0.10	-7.550	-12.304	-13.076	-8.900	-0.548	9.522	17.858	21.177	17.622	7.661
21	0.20	-5.799	-18.214	-24.966	-23.130	-12.784	2.756	17.976	27.183	26.738	16.606
31	0.30	0.490	-15.532	-25.391	-25.432	-15.829	-0.437	14.836	24.409	25.116	17.197
41	0.40	3.869	-10.137	-20.370	-23.999	-20.332	-10.583	2.724	16.333	26.695	30.459
51	0.50	25.257	10.801	-10.128	-31.521	-45.439	-44.745	-26.444	5.889	42.075	68.328
61	0.60	72.521	49.698	5.288	-45.813	-84.420	-94.667	-70.861	-20.498	38.147	83.093
71	0.70	97.478	76.376	28.667	-26.824	-69.157	-83.642	-67.171	-28.486	16.361	50.958
81	0.80	64.779	56.155	31.273	0.317	-27.013	-44.534	-50.229	-45.010	-30.966	-10.620
91	0.90	13.803	37.515	54.909	59.794	48.163	20.885	-15.164	-48.640	-67.764	-65.220
101	1.00	-41.634	-5.783	28.818	49.551	69.994	32.416	6.321	-16.220	-26.168	-21.379
111	1.10	-6.974	7.770	14.317	9.079	-5.069	-20.539	-28.956	-25.247	-9.890	11.533
121	1.20	31.041	41.691	40.138	27.358	7.606	-13.502	-30.752	-40.339	-40.183	-30.029
131	1.30	-14.707	10.569	30.451	40.842	36.459	16.690	-12.761	-40.806	-54.792	-46.026
141	1.40	-16.555	29.318	68.147	84.310	67.999	22.562	-35.652	-83.405	-100.308	-77.966
151	1.50	-24.273	39.332	86.715	98.219	69.192	12.040	-49.140	-88.963	-91.549	-56.987
161	1.60	-0.765	53.343	83.570	79.054	43.622	-6.797	-51.546	-73.906	-67.326	-36.908
171	1.70	3.899	39.436	57.958	55.312	35.185	6.464	-20.689	-38.333	-42.693	-34.357
181	1.80	-17.228	3.048	20.610	30.676	30.580	20.511	3.737	-14.014	-26.136	-27.421
191	1.90	-16.262	4.192	26.633	42.019	43.046	27.314	-1.196	-33.111	-56.932	-63.368
201	2.00	-49.053	-18.125	19.055	49.601	62.853	54.330	27.411	-7.942	-38.882	-54.416
211	2.10	-49.372	-26.150	6.361	36.203	52.772	50.550	30.802	0.730	-29.459	-50.292
221	2.20	-56.150	-46.642	-25.976	-0.823	22.230	38.595	46.357	45.765	38.159	25.062
231	2.30	7.945	-11.405	-30.339	-45.263	-52.313	-48.665	-33.885	-10.608	15.889	39.161
241	2.40	53.549	55.830	45.967	26.778	2.849	-20.755	-39.505	-49.960	-50.037	-39.247
251	2.50	-19.052	6.864	32.788	52.004	58.627	49.717	26.784	-4.115	-34.016	-53.966
261	2.60	-58.131	-45.841	-21.701	6.253	29.563	42.242	42.430	32.284	16.450	-0.023
271	2.70	-13.329	-21.547	-24.333	-22.189	-15.946	-6.753	3.592	12.493	17.039	15.159
281	2.80	6.937	-4.723	-14.754	-17.904	-11.325	3.511	20.691	31.954	30.320	13.694
291	2.90	-13.328	-40.581	-56.218	-51.862	-26.766	11.047	47.455	67.836	63.292	34.759
301	3.00	-6.945	-45.361	-65.234	-59.012	-30.122	8.528	40.230	51.865	39.677	10.788
311	3.10	-20.266	-38.425	-35.221	-12.785	17.177	39.027	40.813	20.242	-13.903	-45.679
321	3.20	-59.469	-47.461	-13.696	27.588	58.362	65.119	45.138	7.702	-30.300	-52.298
331	3.30	-69.696	-25.635	6.877	31.498	36.518	20.405	-7.702	-32.701	-41.045	-27.388
341	3.40	2.852	36.150	57.358	56.803	34.603	0.256	-32.086	-50.199	-49.011	-32.083
351	3.50	-8.954	10.025	18.606	16.904	10.135	4.850	4.918	9.510	14.056	13.494
361	3.60	5.783	-6.430	-17.036	-19.980	-13.052	0.297	12.359	15.290	5.803	-12.196
371	3.70	-28.762	-32.665	-17.544	13.721	68.943	71.427	67.681	34.468	-18.377	-71.092
381	3.80	-102.050	-97.244	-56.840	4.347	62.861	96.493	93.609	57.736	5.423	-41.482
391	3.90	-65.456	-60.402	-33.156	0.916	25.762	32.010	20.427	0.199	-16.659	-21.620
401	4.00	-13.510	1.802	15.303	19.946	14.191	2.228	-8.893	-13.444	-9.977	-1.680
411	4.10	6.006	8.816	6.095	0.830	-2.610	-1.544	3.109	7.308	6.537	-0.972
421	4.20	-12.470	-21.648	-21.993	-10.787	8.581	27.518	36.168	28.515	5.994	-22.437
431	4.30	-44.048	-48.217	-31.624	-0.139	33.566	55.609	57.046	37.701	5.957	-25.235
441	4.40	-44.126	-45.001	-29.967	-7.161	13.450	24.528	24.037	15.169	3.942	-4.068
451	4.50	-6.192	-3.316	1.297	6.139	3.326	-0.677	-5.651	-9.047	-9.376	-6.877
461	4.60	-3.193	-0.347	0.394	-0.811	-2.504	-2.738	-0.175	5.072	11.261	15.639
671	4.70	15.639	10.160	0.348	-10.549	-18.329	-19.589	-13.380	-1.947	9.910	16.755
481	4.80	14.960	4.589	-10.277	-23.070	-27.585	-20.885	-4.859	14.400	29.225	33.820
491	4.90	26.877	12.065	-3.880	-14.519	-16.825	-12.466	-6.570	-4.641	-9.267	-18.404

Table 7-24-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-26.235	-26.218	-14.791	6.249	30.002	47.350	51.107	39.397	16.583	-8.700
511	5.10	-27.412	-33.983	-28.356	-15.332	-1.744	6.993	9.195	7.037	4.640	5.326
521	5.20	9.567	14.709	16.532	11.706	-0.172	-16.058	-30.638	-38.594	-36.788	-25.406
531	5.30	-7.653	11.638	27.716	37.196	38.552	31.975	18.977	2.085	-15.368	-29.574
541	5.40	-36.975	-35.361	-24.926	-8.664	8.358	20.805	25.250	21.709	13.648	6.291
551	5.50	3.915	7.455	13.704	16.717	10.888	-5.689	-29.336	-51.479	-61.907	-53.278
561	5.60	-24.873	16.194	57.051	83.714	86.433	63.527	22.123	-24.481	-61.699	-78.806
571	5.70	-72.351	-46.685	-11.678	21.234	43.004	49.498	41.924	25.392	6.473	-9.177
581	5.80	-18.338	-20.597	-17.750	-12.678	-8.169	-6.017	-6.553	-8.664	-10.247	-9.019
591	5.90	-3.479	6.268	18.177	28.661	33.730	30.518	18.630	0.677	-18.333	-32.640
601	6.00	-37.809	-32.403	-18.543	-1.067	14.356	23.406	24.613	19.642	12.217	6.258
611	6.10	4.053	5.297	7.392	6.862	1.233	-9.457	-22.219	-32.005	-33.636	-24.054
621	6.20	-4.014	21.537	44.676	57.043	52.880	31.495	-1.882	-37.337	-63.394	-71.029
631	6.30	-57.110	-25.897	12.149	43.979	58.709	51.698	26.294	-7.500	-36.935	-51.436
641	6.40	-46.525	-25.184	3.767	29.459	43.217	41.488	26.422	4.204	-17.812	-33.742
651	6.50	-40.532	-37.851	-27.097	-10.430	9.535	29.424	44.847	50.938	43.954	23.422
661	6.60	-6.380	-36.747	-57.127	-59.201	-40.742	-7.328	29.217	55.302	61.160	45.048
671	6.70	14.072	-18.865	-40.664	-43.645	-28.597	-3.923	18.626	29.501	25.527	10.777
681	6.80	-6.096	-16.567	-16.536	-8.077	2.154	6.890	2.460	-9.007	-20.551	-24.064
691	6.90	-14.791	5.652	29.372	45.493	45.170	25.990	-6.368	-40.042	-61.743	-62.276
701	7.00	-40.475	-3.841	34.354	60.273	64.867	47.234	14.703	-20.245	-44.911	-51.152
711	7.10	-38.179	-12.419	15.361	34.423	38.176	26.485	5.375	-15.665	-27.625	-25.619
721	7.20	-10.805	10.151	27.819	33.875	24.573	2.416	-24.633	-46.135	-53.220	-42.094
731	7.30	-15.658	17.448	45.990	60.289	55.751	34.441	4.122	-24.791	-43.130	-46.168
741	7.40	-34.934	-15.249	4.967	18.881	23.129	18.489	8.789	-1.249	-8.137	-10.755
751	7.50	-10.103	-8.030	-5.769	-3.145	1.079	7.975	17.089	25.845	30.224	26.539
761	7.60	13.493	-6.546	-27.836	-43.158	-46.601	-36.038	-14.168	12.333	35.216	47.595
771	7.70	46.214	32.234	10.412	-12.788	-31.268	-40.828	-39.809	-29.011	-11.230	9.299
781	7.80	27.533	38.495	38.505	26.554	5.276	-19.176	-38.704	-46.017	-37.584	-15.476
791	7.90	12.926	37.490	49.270	44.144	24.545	-1.594	-24.231	-35.464	-32.710	-19.405
801	8.00	-3.000	8.735	11.292	5.260	-4.365	-10.920	-9.466	0.776	16.016	29.586
811	8.10	34.852	28.031	9.764	-15.058	-38.997	-54.538	-56.468	-43.455	-18.489	11.868
821	8.20	39.238	55.797	56.710	41.883	16.323	-11.282	-31.552	-37.998	-29.751	-12.122
831	8.30	5.557	14.107	8.941	-7.355	-25.756	-34.802	-26.232	0.394	36.439	67.209
841	8.40	78.178	61.668	20.925	-30.460	-73.702	-92.396	-79.230	-38.918	13.820	60.238
851	8.50	84.836	80.862	51.980	9.829	-31.055	-58.618	-66.839	-56.499	-33.474	-5.818
861	8.60	19.016	35.898	42.574	39.393	28.709	14.206	0.116	-9.763	-13.160	-10.174
871	8.70	-3.360	3.189	5.559	1.803	-7.053	-17.372	-24.517	-24.966	-17.877	-5.347
881	8.80	8.710	20.412	27.455	29.575	27.825	23.282	16.129	5.805	-7.842	-23.179
891	8.90	-36.276	-41.959	-36.206	-18.760	5.568	27.966	38.994	32.935	11.069	-17.932
901	9.00	-61.034	-46.293	-28.398	8.208	50.248	80.452	84.443	56.856	4.089	-57.500
911	9.10	-107.308	-127.877	-111.108	-61.017	7.833	75.407	122.740	137.581	117.343	58.777
921	9.20	4.987	-58.771	-108.973	-136.336	-136.676	-110.543	-62.369	0.320	67.471	127.198
931	9.30	167.101	176.498	149.317	86.808	-1.083	-96.668	-178.081	-224.785	-223.473	-172.447
941	9.40	-82.661	23.822	121.556	186.924	205.608	176.100	109.583	26.135	-51.437	-104.164
951	9.50	-121.913	-105.462	-65.251	-17.412	21.562	39.876	33.753	8.116	-25.460	-52.812
961	9.60	-61.991	-47.277	-11.126	36.563	81.630	110.233	113.283	89.254	44.441	-9.337
971	9.70	-58.702	-92.873	-106.530	-100.456	-79.912	-51.638	-20.850	10.387	42.713	77.206
981	9.80	112.439	142.503	157.341	145.825	100.740	23.710	-72.287	-164.570	-226.799	-237.743
991	9.90	-189.643	-92.669	26.842	134.402	199.018	204.119	153.336	68.630	-18.672	-80.284

Table 7-24-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-101.637	-86.307	-52.431	-22.935	-14.190	-28.399	-53.205	-68.543	-57.307	-14.597
1011	10.10	48.961	111.413	149.105	147.103	105.464	38.577	-31.772	-85.959	-113.988	-117.492
1021	10.20	-105.875	-89.221	-72.105	-51.720	-21.194	23.967	80.149	134.154	167.289	163.382
1031	10.30	116.931	37.337	-53.094	-126.779	-160.967	-146.077	-88.915	-9.672	65.735	114.759
1041	10.40	125.270	98.319	46.226	-12.642	-60.192	-83.899	-79.717	-52.210	-12.353	26.166
1051	10.50	51.066	54.985	37.485	4.958	-31.599	-60.327	-72.530	-65.556	-43.455	-15.159
1061	10.60	9.089	21.612	19.980	7.531	-8.285	-18.924	-17.885	-2.912	23.312	53.940
1071	10.70	79.810	91.878	83.794	54.157	7.874	-44.059	-86.852	-106.172	-93.311	-49.410
1081	10.80	13.267	74.249	111.538	109.876	67.309	-2.937	-76.546	-126.917	-135.301	-98.101
1091	10.90	-28.236	50.037	110.646	135.526	120.688	76.239	20.769	-27.040	-55.767	-64.494
1101	11.00	-60.955	-55.975	-57.158	-64.855	-72.178	-68.846	-46.898	-5.558	47.019	95.946
1111	11.10	124.944	122.673	87.549	29.085	-34.910	-84.362	-104.066	-89.267	-47.484	4.308
1121	11.20	46.283	63.682	52.880	22.939	-8.313	-22.317	-8.625	29.397	74.865	104.196
1131	11.30	97.471	48.508	-30.674	-113.110	-167.154	-169.614	-116.110	-23.926	74.223	143.097
1141	11.40	159.106	119.654	43.637	-37.063	-91.277	-101.420	-69.958	-16.871	30.447	50.087
1151	11.50	35.418	-2.515	-40.873	-56.311	-36.412	13.932	74.026	116.104	117.388	70.275
1161	11.60	-13.704	-107.750	-179.761	-204.270	-171.563	-90.624	14.823	115.147	184.782	209.596
1171	11.70	189.377	135.344	64.518	-6.356	-65.935	-105.146	-125.140	-126.176	-110.394	-80.324
1181	11.80	-39.300	7.864	54.768	94.210	119.627	126.539	113.434	81.908	36.312	-16.728
1191	11.90	-68.777	-110.284	-131.966	-127.095	-94.244	-39.350	24.285	78.880	107.535	100.295
1201	12.00	58.401	-5.368	-70.849	-117.698	-132.729	-114.273	-71.734	-20.770	23.520	52.150
1211	12.10	64.167	64.510	59.526	52.904	44.301	31.139	12.079	-10.342	-29.915	-39.933
1221	12.20	-37.469	-25.933	-13.842	-9.951	-17.277	-29.663	-33.583	-15.107	31.133	95.872
1231	12.30	156.095	183.670	158.414	79.443	-31.233	-135.633	-194.992	-186.643	-114.716	-9.265
1241	12.40	86.286	133.920	117.461	49.089	-37.072	-101.149	-115.830	-78.180	-9.655	55.261
1251	12.50	85.990	70.061	17.960	-43.277	-84.065	-86.753	-53.545	-4.369	33.760	40.292
1261	12.60	10.956	-40.654	-89.962	-112.977	-96.847	-44.702	26.790	95.180	141.177	154.725
1271	12.70	136.262	93.831	38.555	-18.892	-69.568	-105.866	-121.131	-110.694	-74.349	-18.764
1281	12.80	42.278	91.110	112.240	98.761	55.934	-0.211	-49.077	-73.878	-68.363	-38.742
1291	12.90	0.001	31.441	45.018	39.802	23.162	5.544	-5.549	-9.040	-9.550	-13.250
1301	13.00	-23.037	-36.057	-45.107	-43.100	-27.837	-4.091	18.490	30.680	29.175	18.956
1311	13.10	10.802	14.954	34.276	60.866	78.490	70.193	27.578	-42.968	-120.601	-177.338
1321	13.20	-189.381	-147.415	-61.191	43.716	135.560	188.255	190.423	148.172	81.018	13.297
1331	13.30	-35.056	-54.717	-48.317	-27.219	-5.756	4.586	-0.956	-19.367	-41.472	-55.446
1341	13.40	-51.153	-24.202	21.423	73.196	112.937	122.451	90.434	18.201	-78.291	-171.690
1351	13.50	-231.310	-233.501	-170.533	-54.461	85.752	212.974	293.350	306.361	250.122	140.591
1361	13.60	5.628	-123.520	-220.373	-268.797	-265.130	-217.097	-140.424	-54.207	23.959	82.081
1371	13.70	116.050	129.297	129.704	124.777	117.185	103.002	74.090	24.005	-45.285	-119.755
1381	13.80	-175.691	-188.340	-143.676	-47.756	71.609	173.131	217.830	185.861	86.614	-43.201
1391	13.90	-153.521	-201.333	-168.606	-69.702	55.125	157.141	199.524	171.605	91.000	-6.496
1401	14.00	-83.726	-117.498	-105.655	-63.733	-14.303	24.672	46.473	54.667	56.450	55.179
1411	14.10	47.007	23.674	-20.403	-81.331	-143.796	-185.792	-188.028	-143.231	-60.432	38.076
1421	14.20	125.589	181.168	196.196	174.603	127.628	63.893	0.094	-68.402	-133.217	-183.654
1431	14.30	-203.570	-177.095	-98.103	21.699	151.691	249.463	278.160	220.705	90.264	-72.428
1441	14.40	-213.303	-285.339	-266.360	-166.603	-23.057	116.409	211.678	243.548	216.387	150.608
1451	14.50	70.101	-8.400	-78.920	-142.121	-197.237	-235.936	-242.643	-201.897	-108.893	22.883
1461	14.60	162.009	268.563	308.996	269.729	163.078	22.653	-109.622	-198.909	-228.457	-201.951
1471	14.70	-137.426	-56.952	22.205	90.895	145.491	182.555	195.318	175.050	116.913	26.643
1481	14.80	-76.783	-165.467	-212.973	-206.070	-151.670	-74.727	-7.299	26.281	20.840	-7.565
1491	14.90	-30.318	-21.540	27.663	103.322	174.336	207.114	181.903	102.636	-4.578	-103.426

Table 7-24-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-163.696	-173.729	-143.046	-94.468	-50.476	-21.455	-2.084	22.448	64.302	122.105
1511	15.10	177.940	204.505	179.135	97.378	-21.353	-139.667	-217.407	-229.078	-175.054	-81.067
1521	15.20	13.850	75.114	87.526	60.369	20.580	-2.228	8.715	48.893	95.075	111.350
1531	15.30	94.509	25.277	-69.918	-157.261	-203.852	-191.344	-122.914	-20.977	82.649	159.228
1541	15.40	192.695	182.746	141.157	84.175	25.176	-28.986	-76.913	-118.416	-150.226	-164.579
1551	15.50	-151.853	-106.088	-30.501	60.193	142.502	191.457	189.802	135.285	42.805	-59.841
1561	15.60	-141.233	-177.177	-158.965	-95.782	-10.834	67.709	116.638	125.033	96.313	44.818
1571	15.70	-11.037	-55.814	-81.411	-87.455	-78.460	-59.894	-35.477	-6.967	24.003	53.707
1581	15.80	75.656	82.409	69.173	37.235	-4.939	-44.055	-67.052	-66.604	-44.348	-10.131
1591	15.90	22.455	42.079	44.252	32.291	14.387	-1.404	-11.379	-17.258	-23.627	-33.433
1601	16.00	-44.432	-69.083	-38.404	-7.928	37.597	83.870	112.002	106.935	65.356	-1.027
1611	16.10	-68.958	-112.761	-115.175	-74.928	-7.503	61.324	106.201	112.314	80.450	25.148
1621	16.20	-32.663	-74.686	-91.708	-84.965	-62.675	-34.363	-6.361	19.313	42.734	62.611
1631	16.30	74.337	71.263	48.776	8.785	-38.346	-76.256	-88.940	-68.219	-18.638	42.973
1641	16.40	93.539	112.984	92.617	38.917	-28.976	-86.907	-115.108	-105.360	-63.148	-4.375
1651	16.50	51.455	88.445	99.039	84.888	54.303	18.016	-14.717	-38.345	-51.287	-54.864
1661	16.60	-51.794	-44.932	-36.497	-27.681	-18.518	-8.082	4.872	20.809	38.264	53.304
1671	16.70	60.264	53.874	32.075	-1.792	-38.799	-66.860	-75.187	-58.980	-22.219	23.012
1681	16.80	60.716	77.129	66.249	32.330	-11.784	-49.797	-68.359	-62.055	-34.990	1.404
1691	16.90	33.178	49.112	44.361	21.374	-11.761	-44.458	-66.900	-72.444	-58.836	-28.418
1701	17.00	12.380	54.119	86.116	98.904	87.049	51.473	0.215	-53.147	-93.300	-108.116
1711	17.10	-92.875	-52.055	2.154	54.084	89.898	101.867	90.035	60.907	24.108	-11.295
1721	17.20	-39.215	-57.007	-64.346	-61.665	-49.314	-27.948	0.281	30.739	56.551	70.394
1731	17.30	67.238	46.760	14.187	-21.060	-48.487	-60.172	-53.453	-31.617	-2.461	24.547
1741	17.40	41.330	43.408	30.750	7.333	-20.118	-43.752	-56.286	-52.700	-31.784	2.820
1751	17.50	42.665	76.113	91.540	81.312	45.140	-8.752	-65.523	-108.359	-124.275	-108.809
1761	17.60	-67.612	-14.216	35.149	67.487	77.267	67.267	46.105	23.530	6.401	-3.433
1771	17.70	-8.312	-11.983	-16.632	-21.440	-23.371	-19.567	-9.773	2.779	12.692	15.294
1781	17.80	9.451	-1.360	-10.522	-11.672	-2.273	14.570	31.174	38.832	32.146	11.953
1791	17.90	-14.695	-37.546	-47.721	-41.601	-22.198	2.569	23.676	34.913	35.014	27.142
1801	18.00	16.327	6.446	-1.511	-9.063	-18.166	-28.874	-38.313	-41.715	-35.053	-17.766
1811	18.10	6.038	28.800	42.678	43.111	30.942	11.955	-5.963	-16.577	-18.023	-13.122
1821	18.20	-7.204	-4.708	-6.460	-9.301	-7.953	1.313	17.846	35.927	46.961	43.570
1831	18.30	23.589	-8.093	-40.914	-62.743	-64.889	-45.739	-11.422	26.734	56.683	70.073
1841	18.40	64.727	44.417	16.423	-11.669	-34.412	-49.280	-55.915	-54.762	-46.122	-30.496
1851	18.50	-9.139	14.625	35.663	48.393	49.039	37.598	18.346	-1.646	-15.498	-19.615
1861	18.60	-15.335	-8.156	-4.785	-9.388	-20.971	-33.345	-37.951	-28.289	-3.832	28.671
1871	18.70	57.393	70.376	61.027	31.555	-7.426	-41.155	-57.028	-50.090	-25.149	5.512
1881	18.80	27.818	32.319	18.380	-5.820	-27.412	-35.068	-24.365	0.257	27.771	45.889
1891	18.90	46.788	30.527	4.611	-19.881	-33.585	-32.938	-21.185	-6.065	4.451	6.091
1901	19.00	-0.012	-8.512	-13.065	-9.764	0.990	14.956	26.399	30.902	27.149	16.933
1911	19.10	3.694	-9.342	-20.277	-28.399	-33.178	-33.379	-27.181	-13.469	6.424	27.785
1921	19.20	43.360	46.050	32.347	4.814	-27.906	-53.937	-62.857	-50.184	-19.576	18.361
1931	19.30	50.201	64.988	58.355	33.804	0.766	-29.455	-47.964	-51.001	-40.273	-21.228
1941	19.40	-0.433	16.657	26.790	28.896	23.529	12.402	-1.764	-15.324	-24.204	-25.039
1951	19.50	-16.651	-1.116	16.389	29.232	31.965	22.794	4.637	-15.897	-31.227	-36.009
1961	19.60	-29.281	-14.550	2.171	15.289	22.014	23.008	21.123	19.093	17.608	14.956
1971	19.70	8.429	-3.320	-18.457	-31.915	-37.379	-30.448	-11.322	14.468	37.874	49.950
1981	19.80	45.637	25.924	-2.591	-30.484	-49.244	-54.264	-45.850	-28.106	-6.587	13.930
1991	19.90	30.510	41.758	46.811	44.619	34.222	15.926	-7.455	-30.355	-45.802	-48.044

Table 7-24-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-35.274	-11.023	16.694	38.333	46.627	39.520	20.842	-1.566	-19.360	-27.159
2011	20.10	-24.364	-14.630	-3.679	4.600	8.035	8.209	7.855	8.885	10.982	11.765
2021	20.20	8.387	-0.372	-12.797	-24.528	-30.399	-26.930	-14.182	3.970	21.318	31.848
2031	20.30	32.136	22.545	6.811	-9.639	-21.759	-26.445	-23.092	-13.211	0.414	14.523
2041	20.40	25.883	31.602	29.538	18.954	1.247	-19.724	-38.197	-48.095	-45.229	-29.241
2051	20.50	-4.322	21.829	40.594	45.616	35.287	13.453	-11.989	-32.052	-39.973	-33.557
2061	20.60	-15.698	7.016	26.907	37.933	37.518	26.964	10.496	-6.476	-19.178	-24.772
2071	20.70	-22.848	-15.155	-4.802	4.758	10.707	11.571	7.541	0.328	-7.439	-13.103
2081	20.80	-14.889	-12.520	-7.286	-1.513	2.372	2.816	-0.243	-5.369	-10.217	-12.482
2091	20.90	-10.801	-5.280	2.543	10.252	15.384	16.256	12.511	5.239	-3.341	-10.557
2101	21.00	-14.112	-12.831	-7.081	1.303	9.631	15.317	16.851	14.371	9.555	4.818
2111	21.10	2.158	2.167	3.735	4.645	2.830	-2.327	-9.339	-15.047	-16.034	-10.402
2121	21.20	0.972	14.395	24.680	27.313	20.499	6.111	-10.931	-24.611	-30.257	-26.373
2131	21.30	-15.100	-1.166	10.147	15.078	12.657	4.744	-4.998	-12.626	-15.271	-11.887
2141	21.40	-3.318	8.109	19.212	26.631	27.530	20.377	5.668	-13.675	-32.605	-45.160
2151	21.50	-46.386	-34.337	-11.294	16.504	40.748	53.960	52.265	36.866	13.523	-9.748
2161	21.60	-25.789	-30.867	-25.640	-14.204	-1.842	7.400	12.140	13.554	13.975	15.096
2171	21.70	16.794	17.199	13.900	5.594	-6.791	-20.112	-30.203	-33.646	-29.245	-18.499
2181	21.80	-4.916	7.453	15.517	18.017	15.500	9.608	2.174	-5.360	-12.008	-16.959
2191	21.90	-19.309	-18.152	-13.054	-4.647	5.115	13.341	17.210	15.187	7.862	-2.065
2201	22.00	-10.753	-14.757	-12.471	-4.816	5.138	13.457	16.951	14.429	7.065	-2.191
2211	22.10	-9.863	-13.279	-11.456	-5.272	3.035	10.739	15.500	15.963	11.999	4.624
2221	22.20	-4.297	-12.461	-17.642	-18.239	-13.776	-5.191	5.272	14.642	20.138	20.133
2231	22.30	14.767	5.903	-3.583	-10.922	-14.472	-14.197	-11.391	-7.815	-4.715	-2.244
2241	22.40	0.391	4.141	9.152	14.201	16.961	15.064	7.477	-4.528	-17.397	-26.480
2251	22.50	-27.920	-20.414	-6.020	10.464	23.328	28.210	23.808	12.291	-1.737	-13.216
2261	22.60	-18.630	-17.183	-10.707	-2.493	4.296	7.854	8.119	6.282	3.852	1.833
2271	22.70	0.443	-0.616	-1.609	-2.375	-2.361	-1.044	1.562	4.686	7.058	7.517
2281	22.80	5.642	2.000	-2.126	-5.383	-6.993	-7.003	-6.031	-4.692	-3.119	-0.924
2291	22.90	2.336	6.491	10.383	12.154	10.165	4.113	-4.352	-12.008	-15.419	-12.682
2301	23.00	-4.653	5.119	11.867	11.894	4.546	-7.179	-17.818	-21.934	-16.746	-3.571
2311	23.10	12.659	25.618	30.449	25.868	14.495	1.306	-8.923	-13.811	-14.097	-12.600
2321	23.20	-12.096	-13.387	-14.710	-12.850	-5.350	7.462	21.888	32.178	33.230	23.282
2331	23.30	5.187	-14.521	-28.404	-31.436	-23.235	-8.118	7.050	16.122	16.438	9.770
2341	23.40	1.042	-4.417	-3.656	2.500	10.075	14.184	11.664	2.731	-9.148	-19.023
2351	23.50	-22.897	-19.557	-10.923	-0.839	6.937	10.454	10.108	7.867	5.730	4.411
2361	23.60	3.035	-0.005	-5.570	-12.647	-18.350	-19.214	-13.174	-1.126	12.870	23.086
2371	23.70	24.710	16.293	0.798	-15.412	-25.303	-24.385	-12.894	4.160	19.178	25.408
2381	23.80	20.050	5.553	-11.501	-23.406	-24.819	-15.103	1.526	18.052	27.872	27.644
2391	23.90	18.477	5.013	-7.000	-13.393	-13.235	-8.753	-3.749	-1.434	-2.835	-6.535
2401	24.00	-9.735	-9.970	-6.487	-0.575	5.267	8.772	9.113	7.214	5.017	4.186
2411	24.10	5.021	6.218	5.653	1.728	-5.457	-13.810	-20.042	-21.167	-15.972	-5.698
2421	24.20	6.406	16.429	21.378	20.267	14.233	5.770	-2.466	-8.657	-12.182	-13.325
2431	24.30	-12.636	-10.411	-6.620	-1.248	5.208	11.509	15.922	16.883	13.764	7.302
2441	24.40	-0.538	-7.252	-10.730	-10.002	-5.521	1.118	7.814	12.660	14.452	12.884
2451	24.50	8.481	2.389	-3.883	-8.747	-10.883	-9.620	-5.260	0.837	6.537	9.618
2461	24.60	8.619	3.531	-4.032	-11.316	-15.446	-14.568	-8.637	0.478	9.643	15.575
2471	24.70	15.997	10.404	0.207	-11.720	-21.880	-27.103	-25.376	-16.407	-1.839	14.946
2481	24.80	29.494	37.368	35.483	23.291	3.353	-19.083	-37.528	-46.340	-42.714	-27.765
2491	24.90	-6.211	15.293	30.524	35.823	31.138	19.619	6.047	-5.139	-11.353	-12.355

Table 7-24-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-9.699	-5.605	-1.886	0.565	1.675	1.740	1.059	-0.100	-1.248	-1.483
2511	25.10	0.337	4.956	11.933	19.229	23.616	21.942	12.765	-2.458	-19.367	-32.098
2521	25.20	-35.615	-27.950	-11.296	8.647	24.853	31.739	27.296	13.663	-4.018	-19.858
2531	25.30	-29.468	-31.239	-26.235	-17.014	-6.186	4.485	14.080	21.861	26.600	26.527
2541	25.40	20.111	7.268	-9.735	-26.400	-37.319	-38.256	-28.033	-9.310	12.200	29.805
2551	25.50	38.306	35.812	24.158	7.871	-7.762	-18.600	-22.784	-20.777	-14.561	-6.561
2561	25.60	1.178	7.290	10.970	11.777	9.611	4.907	-1.153	-6.732	-9.847	-9.174
2571	25.70	-4.765	1.761	7.734	10.513	8.644	2.550	-5.594	-12.756	-16.301	-15.031
2581	25.80	-9.552	-1.881	5.477	10.502	12.263	10.975	7.597	3.292	-0.977	-4.570
2591	25.90	-7.062	-8.103	-7.397	-4.841	-0.720	4.215	8.876	12.157	13.292	12.077
2601	26.00	8.858	4.327	-0.737	-5.634	-9.752	-12.486	-13.208	-11.386	-6.852	-0.082
2611	26.10	7.717	14.812	19.444	20.411	17.490	11.487	3.915	-3.554	-9.595	-13.488
2621	26.20	-15.062	-14.442	-11.817	-7.374	-1.463	5.189	11.371	15.580	16.480	13.451
2631	26.30	6.967	-1.410	-9.471	-15.064	-16.794	-14.441	-8.950	-2.037	4.397	8.825
2641	26.40	10.435	9.212	5.794	1.225	-3.323	-6.792	-8.444	-8.014	-5.775	-2.492
2651	26.50	0.782	3.014	3.535	2.269	-0.226	-2.965	-4.889	-5.256	-3.896	-1.255
2661	26.60	1.801	4.317	5.594	5.420	4.111	2.351	0.903	0.290	0.568	1.284
2671	26.70	1.657	0.931	-1.235	-4.490	-7.805	-9.810	-9.366	-6.134	-0.880	4.695
2681	26.80	8.578	9.297	6.617	1.728	-3.217	-6.055	-5.627	-2.369	1.848	4.599
2691	26.90	4.107	0.199	-5.471	-10.094	-10.975	-6.820	1.571	11.547	19.672	23.135
2701	27.00	20.843	13.742	4.258	-4.797	-11.331	-14.557	-14.909	-13.416	-10.987	-7.994
2711	27.10	-4.356	0.010	4.720	8.777	10.889	10.099	6.368	0.760	-4.921	-8.886
2721	27.20	-10.111	-8.715	-5.753	-2.568	-0.063	1.685	3.264	5.309	7.832	9.917
2731	27.30	10.052	6.975	0.615	-7.437	-14.277	-16.815	-13.229	-4.033	7.805	17.866
2741	27.40	22.039	18.283	7.599	-6.263	-18.264	-24.083	-21.813	-12.621	-0.129	11.147
2751	27.50	17.590	17.730	12.491	4.460	-3.357	-8.677	-10.510	-9.054	-5.163	0.200
2761	27.60	6.197	11.994	16.528	18.473	16.604	10.458	0.920	-9.683	-18.189	-21.762
2771	27.70	-19.098	-11.091	-0.579	8.774	13.964	13.821	9.312	2.880	-2.822	-6.146
2781	27.80	-7.007	-6.569	-6.293	-6.934	-8.048	-8.271	-6.188	-1.289	5.546	12.293
2791	27.90	16.635	16.958	13.001	5.863	-2.548	-10.266	-15.830	-18.440	-17.805	-13.942
2801	28.00	-7.196	1.515	10.467	17.244	19.399	15.497	6.041	-6.278	-17.343	-23.178
2811	28.10	-21.668	-13.576	-2.284	7.689	12.747	11.815	6.687	0.940	-2.028	-0.801
2821	28.20	3.375	7.380	8.064	4.117	-3.056	-9.972	-12.899	-9.898	-1.970	7.353
2831	28.30	13.786	14.513	9.685	2.357	-3.105	-3.364	2.042	10.310	16.666	16.717
2841	28.40	8.690	-5.540	-21.133	-32.330	-34.874	-27.710	-13.260	3.733	18.130	26.195
2851	28.50	26.560	20.145	9.331	-3.043	-14.405	-22.718	-26.484	-24.774	-17.473	-5.652
2861	28.60	8.268	20.848	28.584	29.156	22.457	10.842	-1.636	-10.755	-13.790	-10.565
2871	28.70	-3.403	4.013	8.333	8.004	3.839	-1.551	-5.144	-5.012	-1.219	4.304
2881	28.80	8.794	10.061	7.550	2.537	-2.591	-5.586	-5.445	-2.835	0.380	2.209
2891	28.90	1.620	-0.930	-3.807	-5.161	-3.995	-0.746	2.950	5.186	4.882	2.429
2901	29.00	-0.526	-2.053	-1.141	1.571	4.023	3.872	-0.032	-6.671	-13.018	-15.395
2911	29.10	-11.423	-1.571	10.599	19.761	21.221	13.257	-1.777	-18.211	-29.426	-30.774
2921	29.20	-21.656	-5.799	10.428	20.839	22.059	14.752	2.942	-8.103	-14.342	-14.557
2931	29.30	-10.413	-5.115	-1.512	-0.674	-1.646	-2.369	-1.123	2.359	6.738	9.887
2941	29.40	10.155	7.317	2.677	-1.687	-4.050	-3.884	-1.930	0.449	2.204	3.191
2951	29.50	4.056	5.511	7.500	8.859	7.797	3.002	-5.245	-14.660	-21.607	-22.628
2961	29.60	-16.124	-3.342	11.898	24.640	30.773	28.605	19.350	6.370	-6.369	-15.826
2971	29.70	-20.708	-21.330	-18.797	-14.106	-7.727	0.157	9.020	17.497	23.469	24.813
2981	29.80	20.456	11.142	-0.580	-11.246	-17.850	-19.055	-15.635	-9.935	-4.656	-1.567
2991	29.90	-0.813	-1.110	-0.675	1.642	5.646	9.858	12.307	11.581	7.594	1.661

Table 7-24-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-4.142	-7.976	-9.076	-8.005	-6.218	-5.199	-5.608	-6.900	-7.592	-6.044
3011	30.10	-1.382	5.891	13.879	19.909	21.524	17.469	8.271	-3.794	-15.351	-22.966
3021	30.20	-24.241	-18.611	-7.575	5.693	17.283	23.724	23.069	15.521	3.390	-9.616
3031	30.30	-19.570	-23.570	-20.645	-11.997	-0.522	10.226	17.226	18.921	15.559	8.869
3041	30.40	1.260	-5.124	-9.089	-10.594	-10.442	-9.656	-8.863	-7.986	-6.360	-3.229
3051	30.50	1.660	7.645	13.172	16.276	15.356	9.935	1.056	-8.872	-16.793	-20.037
3061	30.60	-17.304	-9.223	1.745	12.051	18.224	18.052	11.374	0.208	-11.850	-20.768
3071	30.70	-23.387	-18.468	-7.137	7.429	20.972	29.483	30.443	23.591	10.970	-3.745
3081	30.80	-16.403	-23.622	-23.726	-17.095	-5.887	6.713	17.417	23.643	24.004	18.465
3091	30.90	8.231	-4.509	-16.927	-26.016	-29.185	-24.973	-13.694	2.261	18.748	30.916
3101	31.00	34.751	28.599	14.026	-4.457	-20.865	-29.912	-29.041	-19.434	-5.513	6.934
3111	31.10	13.194	11.605	4.154	-4.566	-9.563	-7.805	0.367	11.411	20.244	22.587
3121	31.20	16.899	5.005	-8.808	-19.750	-24.572	-22.749	-16.327	-8.612	-2.463	0.963
3131	31.30	2.409	3.684	6.321	10.481	14.712	16.655	14.319	7.238	-3.081	-13.640
3141	31.40	-21.118	-23.173	-19.276	-10.777	-0.253	9.491	16.291	19.073	17.821	13.252
3151	31.50	6.474	-1.227	-8.446	-13.727	-15.773	-13.820	-8.038	0.283	8.948	15.467
3161	31.60	17.883	15.470	9.000	0.475	-7.576	-12.926	-14.294	-11.594	-5.778	1.572
3171	31.70	8.688	13.968	16.187	14.649	9.345	1.102	-8.382	-16.766	-21.619	-21.197
3181	31.80	-15.177	-4.996	6.419	15.560	19.560	17.281	9.791	-0.003	-8.446	-12.540
3191	31.90	-11.070	-5.024	2.884	9.352	11.819	9.426	3.250	-4.244	-10.266	-12.806
3201	32.00	-11.333	-6.838	-1.277	3.315	5.629	5.482	3.692	1.532	0.065	-0.343
3211	32.10	-0.113	-0.121	-1.141	-3.328	-6.011	-7.914	-7.731	-4.790	0.479	6.545
3221	32.20	11.269	12.740	10.104	4.047	-3.335	-9.246	-11.255	-8.279	-1.100	7.836
3231	32.30	15.265	18.303	15.519	7.485	-3.411	-13.794	-20.463	-21.431	-16.506	-7.238
3241	32.40	3.672	13.256	19.116	19.990	15.925	8.107	-1.528	-10.774	-17.597	-20.521
3251	32.50	-18.887	-12.994	-4.057	6.014	15.018	20.949	22.457	19.151	11.671	1.528
3261	32.60	-9.232	-18.429	-24.160	-25.138	-20.967	-12.291	-0.773	11.151	20.779	25.824
3271	32.70	25.082	18.847	8.878	-2.120	-11.348	-16.755	-17.561	-14.256	-8.149	-0.735
3281	32.80	6.764	13.481	18.646	21.268	20.116	14.173	3.433	-10.417	-23.937	-32.795
3291	32.90	-33.362	-24.412	-8.069	10.602	25.381	31.380	27.133	15.260	1.296	-8.844
3301	33.00	-11.616	-7.454	-0.439	3.897	1.550	-7.663	-19.715	-28.157	-27.293	-15.186
3311	33.10	4.997	26.060	39.813	40.688	28.223	7.245	-14.301	-28.833	-32.266	-25.379
3321	33.20	-12.893	-0.877	6.171	7.110	4.071	0.738	0.031	2.511	6.281	8.359
3331	33.30	6.651	1.380	-4.874	-8.542	-7.098	-0.627	7.964	14.266	14.570	7.817
3341	33.40	-3.708	-15.330	-22.123	-21.185	-12.946	-0.892	10.111	16.041	15.409	9.646
3351	33.50	2.096	-3.771	-6.006	-4.873	-2.330	-0.691	-1.225	-3.464	-5.554	-5.403
3361	33.60	-1.993	3.886	9.877	13.152	11.815	5.890	-2.589	-10.428	-14.647	-13.722
3371	33.70	-8.144	-0.101	7.510	12.218	12.783	9.377	3.228	-3.994	-10.682	-15.528
3381	33.80	-17.528	-15.965	-10.576	-1.877	8.534	18.042	23.619	22.895	15.285	2.608
3391	33.90	-11.223	-21.474	-24.403	-18.829	-6.755	7.323	18.184	21.972	17.725	7.640
3401	34.00	-3.987	-12.655	-15.514	-12.349	-5.342	2.175	7.308	8.745	6.990	3.713
3411	34.10	0.666	-1.187	-1.922	-2.237	-2.745	-3.453	-3.772	-3.021	-1.074	1.333
3421	34.20	2.880	2.438	-0.128	-3.636	-6.031	-5.441	-1.307	5.079	10.994	13.555
3431	34.30	11.225	4.756	-2.973	-8.251	-8.347	-2.956	5.502	12.933	15.506	11.554
3441	34.40	2.490	-7.736	-14.410	-14.226	-6.844	4.901	16.213	22.401	20.835	11.952
3451	34.50	-1.073	-13.751	-22.093	-24.012	-19.794	-11.589	-2.289	5.620	10.756	12.926
3461	34.60	12.720	10.956	8.271	5.010	1.347	-2.515	-6.244	-9.418	-11.639	-12.666
3471	34.70	-12.320	-10.637	-7.621	-3.395	1.686	6.903	11.176	13.298	12.359	8.209
3481	34.80	1.714	-5.356	-10.838	-12.933	-10.900	-5.404	1.662	7.837	10.984	10.084
3491	34.90	5.607	-0.680	-6.390	-9.425	-8.759	-4.810	0.743	5.620	7.826	6.423

Table 7-24-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	1.898	-4.019	-9.016	-11.088	-9.321	-4.262	2.273	7.877	10.468	9.091
3511	35.10	4.289	-2.086	-7.556	-9.933	-8.123	-2.528	5.098	12.254	16.564	16.562
3521	35.20	12.172	4.696	-3.640	-10.427	-13.849	-13.232	-9.201	-3.399	2.133	5.687
3531	35.30	6.480	4.867	2.119	-0.172	-0.811	0.460	2.836	4.809	4.879	2.300
3541	35.40	-2.470	-7.840	-11.681	-12.205	-8.749	-2.132	5.593	11.880	14.636	12.973
3551	35.50	7.483	-0.039	-7.274	-12.181	-13.600	-11.493	-6.791	-0.990	4.332	7.907
3561	35.60	9.021	7.586	4.091	-0.538	-5.159	-8.677	-10.312	-9.799	-7.442	-3.991
3571	35.70	-0.382	2.559	4.313	4.717	3.868	1.973	-0.720	-3.877	-6.961	-9.181
3581	35.80	-9.611	-7.532	-2.844	3.653	10.334	15.236	16.792	14.503	9.196	2.708
3591	35.90	-2.885	-6.151	-6.854	-5.899	-4.692	-4.271	-4.684	-4.966	-3.763	-0.271
3601	36.00	5.051	10.426	13.472	12.380	6.929	-1.190	-9.001	-13.545	-13.248	-8.657
3611	36.10	-2.157	3.198	5.177	3.429	-0.426	-3.708	-4.117	-0.949	4.529	9.727
3621	36.20	12.063	10.275	5.033	-1.414	-6.383	-8.048	-6.236	-2.337	1.553	3.762
3631	36.30	3.829	2.551	1.325	1.210	2.260	3.523	3.675	1.911	-1.442	-4.973
3641	36.40	-6.884	-5.970	-2.333	2.579	6.666	8.119	6.475	2.645	-1.497	-4.107
3651	36.50	-4.274	-2.389	0.185	1.930	2.010	0.673	-0.977	-1.677	-0.761	1.449
3661	36.60	3.835	5.106	4.510	2.214	-0.831	-3.446	-4.856	-5.029	-4.545	-4.098
3671	36.70	-3.955	-3.728	-2.620	-0.011	3.954	8.175	10.948	10.751	7.055	0.724
3681	36.80	-6.229	-11.454	-13.263	-11.317	-6.696	-1.312	2.989	5.206	5.444	4.590
3691	36.90	3.632	3.018	2.433	1.099	-1.599	-5.522	-9.602	-12.210	-11.901	-8.173
3701	37.00	-1.821	5.291	10.969	13.572	12.634	8.958	4.152	-0.118	-2.790	-3.692
3711	37.10	-3.358	-2.550	-1.781	-1.108	-0.272	0.930	2.309	3.229	2.897	0.869
3721	37.20	-2.529	-6.132	-8.334	-7.809	-4.241	1.336	6.789	9.696	8.388	2.763
3731	37.30	-5.495	-13.462	-18.060	-17.268	-10.950	-0.946	9.588	17.339	20.011	17.057
3741	37.40	9.733	0.504	-7.884	-13.296	-14.725	-12.342	-7.170	-0.624	5.874	11.090
3751	37.50	14.049	14.084	10.969	5.132	-2.215	-9.179	-13.631	-13.907	-9.511	-1.495
3761	37.60	7.722	15.109	18.093	15.533	8.176	-1.610	-10.721	-16.455	-17.445	-14.011
3771	37.70	-7.847	-1.220	3.920	6.566	6.778	5.369	3.363	1.528	0.176	-0.747
3781	37.80	-1.402	-1.840	-1.946	-1.560	-0.667	0.488	1.462	1.813	1.338	0.210
3791	37.90	-1.088	-1.979	-2.066	-1.320	-0.087	1.066	1.585	1.129	-0.330	-2.526
3801	38.00	-4.974	-7.069	-8.161	-7.664	-5.208	-0.843	4.795	10.461	14.534	15.494
3811	38.10	12.511	5.909	-2.745	-11.026	-16.419	-17.205	-13.090	-5.327	3.735	11.489
3821	38.20	15.950	16.326	13.093	7.604	1.479	-3.954	-7.930	-10.202	-10.807	-9.843
3831	38.30	-7.399	-3.674	0.852	5.345	8.756	10.154	9.103	5.881	1.429	-2.978
3841	38.40	-6.183	-7.525	-6.979	-5.020	-2.328	0.507	3.125	5.354	7.051	7.981
3851	38.50	7.836	6.395	3.739	0.365	-2.903	-5.195	-5.944	-5.127	-3.262	-1.156
3861	38.60	0.478	1.331	1.591	1.753	2.276	3.261	4.335	4.820	4.088	1.937
3871	38.70	-1.228	-4.506	-6.858	-7.543	-6.430	-4.031	-1.260	0.978	2.156	2.293
3881	38.80	1.871	1.542	1.792	2.709	3.954	4.921	5.009	3.878	1.591	-1.392
3891	38.90	-4.345	-6.482	-7.167	-6.090	-3.368	0.435	4.394	7.424	8.557	7.258
3901	39.00	3.665	-1.353	-6.368	-9.803	-10.443	-7.897	-2.799	3.325	8.537	11.137
3911	39.10	10.262	6.197	0.285	-5.555	-9.504	-10.480	-8.473	-4.474	-0.040	3.325
3921	39.20	4.715	4.085	2.145	-0.034	-1.510	-1.843	-1.194	-0.140	0.677	0.867
3931	39.30	0.440	-0.295	-0.984	-1.470	-1.888	-2.531	-3.572	-4.811	-5.622	-5.180
3941	39.40	-2.894	1.152	6.005	10.035	11.499	9.265	3.382	-4.760	-12.801	-18.183
3951	39.50	-19.038	-14.845	-6.621	3.430	12.634	18.673	20.228	17.240	10.783	2.636
3961	39.60	-5.250	-11.245	-14.347	-14.296	-11.499	-6.831	-1.364	3.890	8.169	11.035
3971	39.70	12.339	12.097	10.381	7.288	3.024	-1.941	-6.780	-10.376	-11.616	-9.835
3981	39.80	-5.209	1.114	7.285	11.378	12.131	9.466	4.531	-0.792	-4.704	-6.257
3991	39.90	-5.691	-4.182	-3.137	-3.393	-4.749	-6.099	-6.082	-3.921	0.015	4.251

Table 7-24-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	6.864	6.429	2.787	-2.792	-8.135	-11.134	-10.682	-7.121	-1.996	2.725
4011	40.10	5.553	6.052	4.827	3.017	1.601	0.927	0.690	0.323	-0.492	-1.522
4021	40.20	-2.091	-1.527	0.332	2.910	5.097	5.814	4.617	1.987	-0.867	-2.615
4031	40.30	-2.488	-0.669	1.827	3.716	4.128	3.033	1.184	-0.394	-1.034	-0.821
4041	40.40	-0.485	-0.870	-2.282	-4.133	-5.132	-3.980	-0.217	5.262	10.365	12.628
4051	40.50	10.365	3.602	-5.704	-14.299	-18.893	-17.492	-10.236	0.616	11.534	19.028
4061	40.60	20.861	16.725	8.167	-2.094	-11.153	-16.782	-17.941	-14.837	-8.651	-1.106
4071	40.70	5.974	11.016	12.964	11.452	6.890	0.415	-6.323	-11.542	-15.786	-12.337
4081	40.80	-7.444	-0.271	7.410	13.694	17.043	16.655	12.633	5.918	-1.956	-9.219
4091	40.90	-14.259	-15.977	-14.039	-8.970	-2.056	4.948	10.259	12.537	11.269	6.935
4101	41.00	0.880	-5.062	-9.111	-10.066	-7.662	-2.644	3.461	8.795	11.716	11.265
4111	41.10	7.434	1.149	-5.989	-12.156	-15.785	-15.962	-12.624	-6.540	0.914	8.104
4121	41.20	13.514	16.057	15.293	11.493	5.584	-1.040	-6.808	-10.332	-10.769	-8.079
4131	41.30	-3.108	2.610	7.278	9.407	8.330	4.460	-0.817	-5.622	-8.257	-7.827
4141	41.40	-4.559	0.304	4.997	7.916	8.200	5.990	2.295	-1.484	-4.113	-4.966
4151	41.50	-4.153	-2.342	-0.378	1.105	1.901	2.212	2.426	2.821	3.364	3.695
4161	41.60	3.305	1.830	-0.686	-3.691	-6.263	-7.433	-6.593	-3.794	0.187	4.080
4171	41.70	6.586	6.890	5.000	1.771	-1.467	-3.382	-3.398	-1.774	0.440	1.742
4181	41.80	1.840	0.123	-2.287	-3.971	-3.740	-1.296	2.510	5.991	7.375	5.660
4191	41.90	1.151	-4.603	-9.455	-11.593	-10.319	-6.313	-1.257	2.954	5.047	4.822
4201	42.00	3.054	0.940	-0.578	-1.249	-1.494	-1.994	-3.155	-4.779	-6.136	-6.386
4211	42.10	-5.098	-2.548	0.384	2.662	3.631	3.340	2.446	1.771	1.765	2.196
4221	42.20	2.272	1.131	-1.560	-5.262	-8.685	-10.351	-9.318	-5.683	-0.602	4.202
4231	42.30	7.197	7.676	5.966	3.139	0.398	-1.502	-2.512	-3.095	-3.764	-4.617
4241	42.40	-5.176	-4.633	-2.362	1.593	6.342	10.410	12.329	11.272	7.428	1.938
4251	42.50	-3.562	-7.557	-9.165	-8.328	-5.664	-2.106	1.459	4.414	6.447	7.460
4261	42.60	7.481	6.626	5.127	3.359	1.681	0.488	-0.144	-0.407	-0.678	-1.278
4271	42.70	-2.228	-3.150	-3.403	-2.413	-0.047	3.196	6.286	8.053	7.764	5.295
4281	42.80	1.478	-2.469	-5.365	-6.567	-6.172	-4.844	-3.378	-2.245	-1.371	-0.262
4291	42.90	1.582	4.220	7.034	8.888	8.620	5.648	0.381	-5.786	-10.923	-13.285
4301	43.00	-11.992	-7.362	-0.788	5.798	10.606	12.549	11.471	8.016	3.268	-1.641
4311	43.10	-5.797	-8.576	-9.597	-8.679	-5.878	-1.606	3.287	7.577	9.963	9.518
4321	43.20	6.124	0.660	-5.192	-9.513	-10.874	-8.931	-4.603	0.259	3.614	4.061
4331	43.30	1.424	-3.170	-7.754	-10.325	-9.653	-5.756	0.135	6.087	10.219	11.374
4341	43.40	9.469	5.400	0.604	-3.517	-6.068	-6.855	-6.283	-5.038	-3.723	-2.607
4351	43.50	-1.578	-0.294	1.553	3.978	6.573	8.580	9.140	7.658	4.124	-0.729
4361	43.60	-5.559	-8.803	-9.244	-6.517	-1.355	4.570	9.203	10.867	8.937	4.124
4371	43.70	-1.762	-6.515	-8.406	-6.869	-2.691	2.360	6.316	7.826	6.653	3.654
4381	43.80	0.248	-2.302	-3.455	-3.539	-3.420	-3.903	-5.193	-6.710	-7.355	-6.106
4391	43.90	-2.623	2.451	7.647	11.239	11.950	9.474	4.596	-1.142	-6.044	-8.867
4401	44.00	-9.185	-7.392	-4.403	-1.235	1.347	2.993	3.725	3.769	3.386	2.757
4411	44.10	1.971	1.060	0.053	-0.989	-1.966	-2.743	-3.167	-3.089	-2.413	-1.167
4421	44.20	0.443	2.028	3.103	3.251	2.310	0.494	-1.636	-3.354	-4.039	-3.421
4431	44.30	-1.686	0.613	2.788	4.284	4.850	4.556	3.659	2.427	1.025	-0.483
4441	44.40	-2.025	-3.415	-4.334	-4.435	-3.531	-1.751	0.452	2.453	3.725	4.063
4451	44.50	3.648	2.909	2.244	1.785	1.326	0.498	-0.923	-2.751	-4.344	-4.854
4461	44.60	-3.673	-0.838	2.831	5.991	7.366	6.270	3.165	-0.646	-3.488	-4.115
4471	44.70	-2.331	0.857	3.660	4.326	1.996	-2.808	-8.308	-12.168	-12.474	-8.574
4481	44.80	-1.413	6.781	13.322	16.068	14.189	8.416	0.717	-6.462	-11.039	-11.944
4491	44.90	-9.346	-4.441	1.058	5.514	7.826	7.649	5.337	1.718	-2.210	-5.545

Table 7-24-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-7.650	-8.235	-7.348	-5.320	-2.681	-0.050	1.995	3.050	2.979	1.948
4511	45.10	0.367	-1.250	-2.462	-3.039	-3.008	-2.588	-2.036	-1.490	-0.895	-0.060
4521	45.20	1.180	2.768	4.331	5.259	4.955	3.157	0.174	-3.322	-5.570	-6.200
4531	45.30	-4.686	-1.568	1.904	4.275	4.528	2.583	-0.605	-3.420	-4.297	-2.459
4541	45.40	1.663	6.524	10.075	10.622	7.569	1.720	-4.994	-10.246	-12.202	-10.186
4551	45.50	-4.887	1.953	8.201	12.061	12.594	9.884	4.859	-1.092	-6.536	-10.312
4561	45.60	-11.709	-10.523	-7.055	-2.053	3.395	8.064	10.877	11.207	9.095	5.262
4571	45.70	0.897	-2.750	-4.794	-4.994	-3.779	-1.997	-0.522	0.113	-0.113	-0.779
4581	45.80	-1.300	-1.239	-0.516	0.578	1.550	1.959	1.608	0.597	-0.768	-2.140
4591	45.90	-3.277	-4.077	-4.513	-4.522	-3.944	-2.565	-0.266	2.803	6.123	8.877
4601	46.00	10.173	9.366	6.350	1.675	-3.560	-8.020	-10.547	-10.522	-8.047	-3.894
4611	46.10	0.761	4.711	7.061	7.442	6.030	3.407	0.323	-2.526	-4.645	-5.773
4621	46.20	-5.838	-4.884	-3.028	-0.477	2.432	5.204	7.229	7.927	6.937	4.294
4631	46.30	0.503	-3.560	-6.885	-8.639	-8.435	-6.442	-3.318	0.026	2.720	4.169
4641	46.40	4.172	2.898	0.769	-1.672	-3.865	-5.299	-5.565	-4.437	-1.979	1.369
4651	46.50	4.799	7.299	7.965	6.354	2.737	-1.887	-6.079	-8.459	-8.232	-5.509
4661	46.60	-1.289	2.930	5.731	6.327	4.832	2.140	-0.503	-2.053	-2.091	-0.935
4671	46.70	0.590	1.592	1.548	0.533	-0.851	-1.804	-1.749	-0.594	1.125	2.549
4681	46.80	2.846	1.616	-0.878	-3.756	-5.814	-5.987	-3.788	0.434	5.524	9.860
4691	46.90	11.890	10.706	6.433	0.281	-5.795	-9.745	-10.155	-6.788	-0.722	6.004
4701	47.00	11.122	12.963	11.055	6.257	0.358	-4.661	-7.399	-7.508	-5.676	-3.167
4711	47.10	-1.162	-0.225	-0.137	-0.165	0.417	1.832	3.611	4.804	4.487	2.295
4721	47.20	-1.302	-5.140	-7.840	-8.422	-6.719	-3.435	0.208	3.010	4.277	4.013
4731	47.30	2.774	1.283	0.057	-0.784	-1.420	-2.071	-2.735	-3.122	-2.820	-1.601
4741	47.40	0.324	2.277	3.379	2.978	1.033	-1.774	-4.279	-5.344	-4.394	-1.716
4751	47.50	1.636	4.294	5.183	3.999	1.331	-1.619	-3.582	-3.782	-2.247	0.244
4761	47.60	2.531	3.589	2.939	0.807	-2.018	-4.527	-5.865	-5.604	-3.821	-1.008
4771	47.70	2.122	4.835	6.542	6.907	5.900	3.806	1.178	-1.283	-2.912	-3.285
4781	47.80	-2.374	-0.577	1.415	2.869	3.290	2.602	1.157	-0.448	-1.636	-2.095
4791	47.90	-1.872	-1.286	-0.715	-0.380	-0.233	-0.025	0.507	1.426	2.492	3.241
4801	48.00	3.204	2.177	0.385	-1.560	-2.898	-3.069	-1.988	-0.128	1.655	2.491
4811	48.10	1.888	-0.024	-2.514	-4.541	-5.199	-4.106	-1.596	1.406	3.752	4.544
4821	48.20	3.503	1.083	-1.727	-3.817	-4.422	-3.422	-1.373	0.764	2.057	2.022
4831	48.30	0.821	-0.821	-1.969	-1.910	-0.500	1.765	3.959	5.131	4.732	2.843
4841	48.40	0.144	-2.390	-3.901	-3.992	-2.852	-1.130	0.376	1.050	0.684	-0.504
4851	48.50	-2.019	-3.322	-4.018	-3.951	-3.169	-1.844	-0.195	1.532	3.058	4.061
4861	48.60	4.233	3.392	1.607	-0.739	-3.008	-4.499	-4.694	-3.469	-1.161	1.535
4871	48.70	3.799	4.962	4.700	3.111	0.645	-2.045	-4.262	-5.413	-5.116	-3.278
4881	48.80	-0.163	3.593	7.066	9.237	9.299	6.973	2.698	-2.412	-6.887	-9.381
4891	48.90	-9.165	-6.392	-2.040	2.463	5.775	7.105	6.419	4.327	1.738	-0.542
4901	49.00	-2.066	-2.785	-2.879	-2.537	-1.823	-0.696	0.837	2.567	4.051	4.756
4911	49.10	4.316	2.760	0.573	-1.480	-2.690	-2.744	-1.881	-0.775	-0.190	-0.573
4921	49.20	-1.782	-3.122	-3.658	-2.684	-0.116	3.385	6.629	8.371	7.832	5.052
4931	49.30	0.896	-3.269	-6.103	-6.806	-5.405	-2.706	0.068	1.788	1.878	0.525
4941	49.40	-1.432	-2.902	-3.037	-1.629	0.771	3.085	4.179	3.391	0.867	-2.453
4951	49.50	-5.216	-6.244	-5.073	-2.180	1.200	3.616	4.059	2.417	-0.479	-3.241
4961	49.60	-4.573	-3.868	-1.463	1.553	3.888	4.660	3.784	1.938	0.147	-0.783
4971	49.70	-0.685	-0.076	0.172	-0.629	-2.545	-4.911	-6.620	-6.659	-4.631	-0.982
4981	49.80	3.162	6.470	7.956	7.345	5.101	2.149	-0.558	-2.390	-3.189	-3.168
4991	49.90	-2.683	-2.025	-1.321	-0.586	0.172	0.875	1.387	1.598	1.510	1.249

Table 7-24-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1216 S601-0A-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.994	0.847	0.766	0.575	0.112	-0.642	-1.481	-2.041	-1.985	-1.210
5011	50.10	0.054	1.320	2.070	2.021	1.274	0.271	-0.441	-0.502	0.064	0.857
5021	50.20	1.317	1.028	-0.045	-1.526	-2.800	-3.321	-2.863	-1.618	-0.084	1.186
5031	50.30	1.829	1.800	1.335	0.786	0.444	0.426	0.673	1.034	1.353	1.520
5041	50.40	1.468	1.150	0.543	-0.304	-1.220	-1.910	-2.041	-1.405	-0.075	1.538
5051	50.50	2.808	3.144	2.278	0.432	-1.744	-3.437	-4.035	-3.395	-1.890	-0.199
5061	50.60	1.046	1.562	1.509	1.333	1.439	1.912	2.420	2.401	1.416	-0.528
5071	50.70	-2.861	-4.648	-5.011	-3.567	-0.668	2.693	5.279	6.114	4.881	2.019
5081	50.80	-1.486	-4.516	-6.225	-6.285	-4.885	-2.560	0.048	2.359	3.931	4.462
5091	50.90	3.797	1.989	-0.617	-3.356	-5.344	-5.744	-4.119	-0.694	3.594	7.350
5101	51.00	9.215	8.381	4.946	-0.095	-5.194	-8.816	-9.971	-8.520	-5.120	-0.904
5111	51.10	2.977	5.724	7.039	7.048	6.085	4.477	2.440	0.125	-2.264	-4.383
5121	51.20	-5.768	-5.981	-4.817	-2.458	0.519	3.300	5.119	5.528	4.562	2.712
5131	51.30	0.721	-0.704	-1.153	-0.666	0.411	1.415	1.817	1.340	0.077	-1.546
5141	51.40	-2.937	-3.556	-3.114	-1.681	0.328	2.282	3.542	3.667	2.563	0.521
5151	51.50	-1.876	-3.936	-5.079	-5.016	-3.821	-1.883	0.252	2.065	3.218	3.614
5161	51.60	3.350	2.609	1.553	0.274	-1.171	-2.676	-4.016	-4.845	-4.810	-3.713
5171	51.70	-1.667	0.856	3.141	4.470	4.408	2.993	0.742	-1.544	-3.096	-3.481
5181	51.80	-2.755	-1.398	-0.070	0.703	0.745	0.277	-0.239	-0.355	0.132	1.095
5191	51.90	2.151	2.862	2.940	2.352	1.298	0.077	-1.053	-1.953	-2.583	-2.915
5201	52.00	-2.871	-2.326	-1.210	0.371	2.066	3.349	3.708	2.883	1.035	-1.275
5211	52.10	-3.272	-4.283	-4.005	-2.615	-0.669	1.166	2.396	2.874	2.789	2.479
5221	52.20	2.204	1.992	1.648	0.917	-0.305	-1.816	-3.156	-3.757	-3.219	-1.514
5231	52.30	0.957	3.475	5.254	5.701	4.601	2.176	-0.996	-4.140	-6.466	-7.349
5241	52.40	-6.464	-3.887	-0.117	3.983	7.372	9.101	8.613	5.966	1.862	-2.544
5251	52.50	-6.011	-7.634	-7.137	-4.933	-1.923	0.879	2.726	3.359	3.006	2.171
5261	52.60	1.348	0.796	0.481	0.189	-0.273	-0.912	-1.501	-1.692	-1.200	0.009
5271	52.70	1.654	3.208	4.095	3.905	2.564	0.373	-2.083	-4.113	-5.138	-4.866
5281	52.80	-3.376	-1.102	1.292	3.102	3.793	3.160	1.385	-1.019	-3.379	-5.069
5291	52.90	-5.693	-5.173	-3.709	-1.667	0.555	2.618	4.248	5.200	5.241	4.198
5301	53.00	2.075	-0.814	-3.814	-6.055	-6.743	-5.507	-2.639	0.923	3.909	5.217
5311	53.10	4.398	1.878	-1.190	-3.415	-3.778	-2.090	0.927	3.969	5.738	5.517
5321	53.20	3.462	0.489	-2.175	-3.542	-3.264	-1.700	0.333	1.985	2.733	2.531
5331	53.30	1.700	0.679	-0.225	-0.915	-1.441	-1.832	-1.990	-1.713	-0.853	0.510
5341	53.40	2.004	3.074	3.236	2.346	0.712	-1.018	-2.160	-2.330	-1.634	-0.597
5351	53.50	0.126	0.120	-0.555	-1.394	-1.731	-1.133	0.318	2.005	3.054	2.760
5361	53.60	0.958	-1.865	-4.753	-6.694	-7.033	-5.704	-3.193	-0.278	2.302	4.071
5371	53.70	4.858	4.681	3.605	1.684	-0.961	-3.981	-6.721	-8.305	-7.936	-5.276
5381	53.80	-0.726	4.568	9.046	11.289	10.567	7.134	2.144	-2.803	-6.257	-7.423
5391	53.90	-6.353	-3.781	-0.716	1.991	3.912	5.043	5.591	5.715	5.373	4.366
5401	54.00	2.538	0.006	-2.745	-4.965	-5.918	-5.213	-3.016	-0.031	2.742	4.383
5411	54.10	4.401	2.910	0.568	-1.687	-2.987	-2.840	-1.286	1.143	3.618	5.292
5421	54.20	5.573	4.300	1.794	-1.242	-3.937	-5.516	-5.552	-4.104	-1.717	0.759
5431	54.30	2.454	2.784	1.663	-0.462	-2.773	-4.389	-4.650	-3.431	-1.100	1.582
5441	54.40	3.746	4.704	4.157	2.253	-0.489	-3.358	-5.644	-6.801	-6.548	-4.901
5451	54.50	-2.160	1.142	4.340	6.761	7.878	7.439	5.555	2.675	-0.521	-3.308
5461	54.60	-5.105	-5.606	-4.825	-3.044	-0.713	1.664	3.612	4.741	4.789	3.675
5471	54.70	1.551	-1.165	-3.823	-5.683	-6.126	-4.883	-2.179	1.283	4.526	6.612
5481	54.80	6.968	5.569	2.928	-0.120	-2.725	-4.303	-4.667	-3.983	-2.609	-0.906
5491	54.90	0.870	2.558	4.002	4.976	5.186	4.395	2.590	0.108	-2.394	-4.141

Table 7-24-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1216 S601-0A-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-4.545	-3.484	-1.392	0.878	2.408	2.604	1.460	-0.441	-2.194	-2.989
5511	55.10	-2.480	-0.934	0.904	2.172	2.297	1.244	-0.481	-2.101	-2.937	-2.723
5521	55.20	-1.690	-0.416	0.494	0.710	0.313	-0.293	-0.644	-0.493	0.038	0.527
5531	55.30	0.505	-0.241	-1.496	-2.653	-2.988	-2.025	0.179	2.977	5.350	6.311
5541	55.40	5.328	2.562	-1.169	-4.693	-6.919	-7.226	-5.644	-2.782	0.448	3.171
5551	55.50	4.818	5.227	4.577	3.228	1.558	-0.130	-1.608	-2.682	-3.163	-2.890
5561	55.60	-1.817	-0.091	1.918	3.685	4.686	4.596	3.414	1.485	-0.611	-2.263
5571	55.70	-3.040	-2.824	-1.826	-0.482	0.716	1.386	1.357	0.688	-0.388	-1.544
5581	55.80	-2.455	-2.861	-2.616	-1.724	-0.356	1.153	2.359	2.817	2.226	0.569
5591	55.90	-1.820	-4.310	-6.148	-6.712	-5.752	-3.499	-0.613	2.055	3.772	4.188
5601	56.00	3.453	2.111	0.842	0.155	0.172	0.610	0.955	0.756	-0.113	-1.356
5611	56.10	-2.372	-2.543	-1.553	0.413	2.698	4.426	4.871	3.781	1.499	-1.162
5621	56.20	-3.256	-4.081	-3.455	-1.751	0.288	1.883	2.532	2.175	1.151	-0.009
5631	56.30	-0.843	-1.147	-1.008	-0.697	-0.478	-0.455	-0.521	-0.432	0.046	0.986
5641	56.40	2.234	3.450	4.230	4.263	3.438	1.882	-0.086	-2.054	-3.624	-4.505
5651	56.50	-4.563	-3.846	-2.560	-1.026	0.395	1.404	1.843	1.754	1.356	0.954
5661	56.60	0.803	0.982	1.342	1.561	1.296	0.362	-1.131	-2.770	-3.968	-4.191
5671	56.70	-3.186	-1.116	1.463	3.780	5.110	5.028	3.547	1.106	-1.590	-3.804
5681	56.80	-4.997	-4.971	-3.895	-2.216	-0.487	0.810	1.410	1.327	0.822	0.284
5691	56.90	0.074	0.379	1.125	2.000	2.573	2.472	1.550	-0.033	-1.836	-3.297
5701	57.00	-3.931	-3.514	-2.163	-0.287	1.559	2.863	3.305	2.824	1.595	-0.057
5711	57.10	-1.744	-3.092	-3.785	-3.613	-2.513	-0.630	1.665	3.820	5.234	5.458
5721	57.20	4.372	2.277	-0.180	-2.223	-3.235	-2.991	-1.735	-0.054	1.372	2.053
5731	57.30	1.859	1.023	-0.025	-0.874	-1.299	-1.301	-1.017	-0.579	-0.025	0.694
5741	57.40	1.601	2.562	3.254	3.247	2.225	0.191	-2.424	-4.859	-6.286	-6.144
5751	57.50	-4.384	-1.512	1.604	4.059	5.237	4.998	3.649	1.766	-0.062	-1.414
5761	57.60	-2.106	-2.146	-1.642	-0.731	0.422	1.599	2.520	2.901	2.567	1.568
5771	57.70	0.214	-1.016	-1.670	-1.526	-0.705	0.387	1.258	1.575	1.323	0.790
5781	57.80	0.380	0.366	0.714	1.104	1.120	0.524	-0.558	-1.659	-2.201	-1.828
5791	57.90	-0.652	0.739	1.544	1.161	-0.462	-2.725	-4.602	-5.113	-3.801	-0.996
5801	58.00	2.285	4.760	5.438	4.043	1.128	-2.184	-4.681	-5.550	-4.658	-2.522
5811	58.10	-0.023	1.986	2.979	2.869	1.915	0.530	-0.894	-2.076	-2.830	-3.014
5821	58.20	-2.519	-1.317	0.450	2.424	4.083	4.901	4.558	3.093	0.919	-1.320
5831	58.30	-2.991	-3.711	-3.453	-2.502	-1.287	-0.178	0.637	1.159	1.474	1.632
5841	58.40	1.586	1.223	0.477	-0.562	-1.616	-2.310	-2.338	-1.623	-0.389	0.910
5851	58.50	1.776	1.881	1.206	0.039	-1.164	-1.976	-2.176	-1.807	-1.110	-0.374
5861	58.60	0.207	0.606	0.932	1.322	1.822	2.334	2.645	2.540	1.916	0.856
5871	58.70	-0.382	-1.469	-2.127	-2.236	-1.865	-1.223	-0.553	-0.031	0.286	0.450
5881	58.80	0.561	0.685	0.805	0.835	0.673	0.278	-0.275	-0.805	-1.088	-0.957
5891	58.90	-0.394	0.440	1.253	1.726	1.647	0.998	-0.031	-1.115	-1.925	-2.253
5901	59.00	-2.090	-1.605	-1.061	-0.683	-0.564	-0.631	-0.695	-0.569	-0.080	0.673
5911	59.10	1.522	2.198	2.446	2.119	1.223	-0.078	-1.498	-2.694	-3.339	-3.204
5921	59.20	-2.228	-0.562	1.431	3.245	4.361	4.417	3.352	1.465	-0.659	-2.332
5931	59.30	-3.012	-2.505	-1.043	0.809	2.369	3.100	2.797	1.634	0.054	-1.428
5941	59.40	-2.419	-2.751	-2.476	-1.763	-0.794	0.294	1.392	2.362	2.993	3.038
5951	59.50	2.322	0.875	-0.991	-2.735	-3.765	-3.676	-2.450	-0.497	1.477	2.753
5961	59.60	2.888	1.897	0.240	-1.381	-2.318	-2.239	-1.240	0.225	1.566	2.298
5971	59.70	2.222	1.455	0.332	-0.763	-1.556	-1.947	-1.991	-1.813	-1.518	-1.152
5981	59.80	-0.718	-0.230	0.242	0.566	0.598	0.260	-0.396	-1.174	-1.791	-1.979
5991	59.90	-1.586	-0.651	0.606	1.851	2.755	3.097	2.832	2.086	1.094	0.110

Table 7-24-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.675	-1.171	-1.380	-1.349	-1.126	-0.732	-0.180	0.488	1.159	1.648
6011	60.10	1.751	1.326	0.386	-0.862	-2.061	-2.817	-2.849	-2.110	-0.814	0.638
6021	60.20	1.310	2.400	2.344	1.812	1.110	0.528	0.221	0.164	0.208	0.186
6031	60.30	0.017	-0.249	-0.472	-0.516	-0.335	-0.011	0.293	0.421	0.318	0.067
6041	60.40	-0.150	-0.149	0.160	0.720	1.355	1.845	2.028	1.854	1.385	0.739
6051	60.50	0.035	-0.645	-1.243	-1.686	-1.862	-1.667	-0.968	0.103	1.314	2.270
6061	60.60	2.571	1.979	0.554	-1.326	-3.075	-4.113	-4.086	-3.001	-1.221	0.676
6071	60.70	2.118	2.729	2.431	1.420	0.052	-1.296	-2.334	-2.895	-2.921	-2.431
6081	60.80	-1.504	-0.285	0.995	2.040	2.551	2.329	1.380	-0.050	-1.525	-2.562
6091	60.90	-2.805	-2.167	-0.858	0.689	1.987	2.675	2.632	1.994	1.071	0.211
6101	61.00	-0.322	-0.418	-0.115	0.443	1.078	1.618	1.919	1.883	1.474	0.740
6111	61.10	-0.157	-0.960	-1.381	-1.209	-0.423	0.750	1.871	2.437	2.085	0.763
6121	61.20	-1.197	-3.165	-4.438	-4.509	-3.278	-1.112	1.286	3.134	3.864	3.325
6131	61.30	1.818	-0.051	-1.617	-2.416	-2.334	-1.610	-0.687	0.002	0.217	0.002
6141	61.40	-0.370	-0.545	-0.266	0.488	1.477	2.284	2.482	1.822	0.354	-1.550
6151	61.50	-3.299	-4.276	-4.059	-2.589	-0.228	2.334	4.292	4.995	4.174	2.048
6161	61.60	-0.745	-3.356	-5.023	-5.319	-4.281	-2.363	-0.232	1.481	2.396	2.469
6171	61.70	1.930	1.118	0.313	-0.365	-0.942	-1.486	-1.988	-2.302	-2.192	-1.464
6181	61.80	-0.117	1.582	3.138	4.007	3.811	2.318	0.483	-1.660	-3.230	-3.747
6191	61.90	-3.102	-1.579	0.264	1.810	2.593	2.439	1.491	0.130	-1.167	-1.980
6201	62.00	-2.058	-1.387	-0.182	1.160	2.170	2.436	1.743	0.172	-1.873	-3.757
6211	62.10	-4.790	-4.473	-2.701	0.150	3.304	5.822	6.917	6.234	3.984	0.872
6221	62.20	-2.144	-4.187	-4.740	-3.796	-1.805	0.521	2.474	3.576	3.685	2.972
6231	62.30	1.794	0.538	-0.505	-1.183	-1.475	-1.432	-1.133	-0.654	-0.080	0.484
6241	62.40	0.912	1.086	0.937	0.492	-0.112	-0.664	-0.940	-0.793	-0.211	0.663
6251	62.50	1.569	2.211	2.356	1.918	0.994	-0.159	-1.193	-1.779	-1.713	-0.995
6261	62.60	0.153	1.343	2.134	2.179	1.361	-0.144	-1.895	-3.320	-3.912	-3.420
6271	62.70	-1.967	-0.027	1.731	2.684	2.493	1.245	-0.577	-2.278	-3.219	-3.070
6281	62.80	-1.934	-0.292	1.203	1.990	1.818	0.827	-0.546	-1.762	-2.401	-2.303
6291	62.90	-1.586	-0.546	0.491	1.292	1.752	1.867	1.654	1.119	0.267	-0.833
6301	63.00	-1.981	-2.857	-3.109	-2.508	-1.095	0.769	2.501	3.503	3.417	2.291
6311	63.10	0.579	-1.030	-1.901	-1.715	-0.600	0.937	2.235	2.757	2.305	1.070
6321	63.20	-0.485	-1.841	-2.632	-2.748	-2.318	-1.582	-0.759	0.035	0.776	1.447
6331	63.30	1.967	2.172	1.885	1.030	-0.262	-1.644	-2.657	-2.908	-2.246	-0.853
6341	63.40	0.812	2.189	2.833	2.590	1.634	0.370	-0.751	-1.420	-1.571	-1.352
6351	63.50	-1.001	-0.703	-0.483	-0.221	0.254	1.025	2.000	2.904	3.391	3.193
6361	63.60	2.250	0.759	-0.898	-2.295	-3.120	-3.270	-2.850	-2.087	-1.218	-0.401
6371	63.70	0.300	0.870	1.268	1.395	1.129	0.408	-0.666	-1.793	-2.545	-2.525
6381	63.80	-1.560	0.174	2.158	3.698	4.185	3.351	1.399	-1.051	-3.190	-4.328
6391	63.90	-4.148	-2.808	-0.854	1.021	2.247	2.579	2.131	1.276	0.437	-0.088
6401	64.00	-0.231	-0.124	0.009	-0.012	-0.236	-0.585	-0.912	-1.093	-1.087	-0.938
6411	64.10	-0.726	-0.510	-0.281	0.018	0.441	0.980	1.530	1.905	1.912	1.432
6421	64.20	0.490	-0.730	-1.931	-2.793	-3.068	-2.660	-1.649	-0.261	1.197	2.422
6431	64.30	3.194	3.419	3.133	2.472	1.615	0.725	-0.083	-0.753	-1.261	-1.583
6441	64.40	-1.671	-1.458	-0.909	-0.066	0.910	1.758	2.187	1.991	1.155	-0.114
6451	64.50	-1.429	-2.360	-2.603	-2.097	-1.059	0.109	0.984	1.291	1.006	0.345
6461	64.60	-0.357	-0.802	-0.857	-0.593	-0.217	0.047	0.083	-0.065	-0.233	-0.235
6471	64.70	0.021	0.475	0.932	1.157	0.987	0.421	-0.365	-1.079	-1.425	-1.213
6481	64.80	-0.433	0.742	2.000	2.991	3.421	3.135	2.161	0.707	-0.882	-2.213
6491	64.90	-2.944	-2.886	-2.048	-0.655	0.933	2.318	3.184	3.377	2.919	1.979

Table 7-24-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.787	-0.430	-1.497	-2.291	-2.728	-2.751	-2.339	-1.545	-0.515	0.516
6511	65.10	1.283	1.584	1.364	0.746	-0.014	-0.640	-0.962	-0.988	-0.891	-0.900
6521	65.20	-1.159	-1.626	-2.062	-2.138	-1.606	-0.444	1.082	2.497	3.298	3.163
6531	65.30	2.081	0.374	-1.431	-2.793	-3.348	-3.020	-2.008	-0.685	0.547	1.385
6541	65.40	1.690	1.491	0.933	0.216	-0.465	-0.957	-1.177	-1.120	-0.858	-0.514
6551	65.50	-0.219	-0.058	-0.030	-0.044	0.040	0.333	0.846	1.453	1.925	2.021
6561	65.60	1.603	0.713	-0.411	-1.413	-1.947	-1.804	-0.992	0.266	1.613	2.672
6571	65.70	3.160	2.954	2.111	0.836	-0.577	-1.803	-2.557	-2.658	-2.073	-0.945
6581	65.80	0.431	1.678	2.453	2.554	1.995	0.995	-0.104	-0.970	-1.399	-1.373
6591	65.90	-1.025	-0.552	-0.107	0.256	0.571	0.888	1.195	1.384	1.293	0.796
6601	66.00	-0.094	-1.195	-2.200	-2.803	-2.831	-2.315	-1.473	-0.598	0.078	0.478
6611	66.10	0.677	0.816	0.987	1.154	1.163	0.850	0.159	-0.773	-1.643	-2.106
6621	66.20	-1.941	-1.168	-0.049	1.023	1.705	1.854	1.569	1.105	0.718	0.521
6631	66.30	0.431	0.249	-0.193	-0.889	-1.627	-2.074	-1.958	-1.239	-0.168	0.803
6641	66.40	1.227	0.888	-0.084	-1.257	-2.098	-2.225	-1.582	-0.465	0.634	1.268
6651	66.50	1.247	0.707	0.019	-0.426	-0.427	-0.068	0.337	0.431	0.021	-0.795
6661	66.60	-1.669	-2.164	-1.978	-1.100	0.168	1.344	1.973	1.825	0.972	-0.259
6671	66.70	-1.444	-2.230	-2.447	-2.122	-1.405	-0.478	0.518	1.480	2.306	2.857
6681	66.80	2.961	2.474	1.379	-0.151	-1.759	-3.000	-3.496	-3.084	-1.881	-0.250
6691	66.90	1.338	2.472	2.930	2.731	2.078	1.253	0.502	-0.031	-0.317	-0.396
6701	67.00	-0.331	-0.171	0.049	0.287	0.484	0.570	0.495	0.261	-0.062	-0.356
6711	67.10	-0.505	-0.446	-0.197	0.152	0.482	0.698	0.764	0.704	0.575	0.427
6721	67.20	0.281	0.132	-0.020	-0.148	-0.185	-0.049	0.304	0.848	1.462	1.964
6731	67.30	2.168	1.955	1.316	0.363	-0.705	-1.657	-2.290	-2.477	-2.190	-1.499
6741	67.40	-0.561	0.410	1.195	1.616	1.598	1.193	0.570	-0.043	-0.456	-0.592
6751	67.50	-0.527	-0.450	-0.562	-0.957	-1.550	-2.091	-2.267	-1.859	-0.862	0.478
6761	67.60	1.750	2.551	2.657	2.120	1.239	0.417	-0.025	0.013	0.387	0.805
6771	67.70	0.985	0.802	0.342	-0.157	-0.441	-0.372	-0.003	0.466	0.786	0.792
6781	67.80	0.473	-0.036	-0.537	-0.871	-0.983	-0.926	-0.804	-0.698	-0.619	-0.515
6791	67.90	-0.320	-0.011	0.356	0.669	0.808	0.706	0.376	-0.095	-0.596	-1.026
6801	68.00	-1.325	-1.463	-1.425	-1.198	-0.784	-0.236	0.325	0.722	0.779	0.412
6811	68.10	-0.314	-1.168	-1.834	-2.028	-1.623	-0.713	0.422	1.425	2.008	2.054
6821	68.20	1.640	0.974	0.285	-0.268	-0.632	-0.825	-0.869	-0.744	-0.388	0.245
6831	68.30	1.109	2.028	2.722	2.909	2.430	1.330	-0.126	-1.546	-2.540	-2.860
6841	68.40	-2.466	-1.516	-0.292	0.898	1.801	2.256	2.196	1.641	0.694	-0.462
6851	68.50	-1.573	-2.359	-2.594	-2.189	-1.253	-0.076	0.966	1.549	1.534	1.015
6861	68.60	0.280	-0.327	-0.553	-0.342	0.160	0.694	1.022	1.038	0.796	0.463
6871	68.70	0.206	0.098	0.084	0.028	-0.197	-0.619	-1.132	-1.541	-1.651	-1.364
6881	68.80	-0.734	0.059	0.777	1.218	1.284	0.999	0.478	-0.129	-0.684	-1.089
6891	68.90	-1.297	-1.300	-1.129	-0.855	-0.574	-0.393	-0.385	-0.553	-0.810	-1.007
6901	69.00	-0.992	-0.689	-0.143	0.477	0.951	1.100	0.874	0.376	-0.184	-0.589
6911	69.10	-0.711	-0.559	-0.263	0.017	0.178	0.230	0.273	0.425	0.725	1.083
6921	69.20	1.304	1.180	0.604	-0.353	-1.448	-2.353	-2.783	-2.615	-1.929	-0.966
6931	69.30	-0.025	0.652	0.955	0.909	0.627	0.241	-0.146	-0.473	-0.698	-0.773
6941	69.40	-0.641	-0.266	0.323	1.005	1.587	1.865	1.717	1.167	0.396	-0.320
6951	69.50	-0.719	-0.664	-0.200	0.461	1.038	1.297	1.155	0.705	0.169	-0.209
6961	69.60	-0.273	-0.025	0.381	0.706	0.742	0.407	-0.214	-0.894	-1.358	-1.391
6971	69.70	-0.937	-0.126	0.765	1.417	1.586	1.206	0.412	-0.505	-1.214	-1.468
6981	69.80	-1.200	-0.535	0.269	0.934	1.283	1.294	1.089	0.851	0.708	0.668
6991	69.90	0.615	0.385	-0.115	-0.823	-1.508	-1.856	-1.618	-0.751	0.517	1.742

Table 7-24-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	2.429	2.235	1.130	-0.566	-2.280	-3.394	-3.473	-2.428	-0.552	1.582
7011	70.10	3.316	4.121	3.756	2.328	0.242	-1.928	-3.609	-4.376	-4.057	-2.770
7021	70.20	-0.879	1.101	2.649	3.379	3.156	2.127	0.669	-0.738	-1.674	-1.924
7031	70.30	-1.529	-0.750	0.061	0.607	0.764	0.602	0.321	0.127	0.127	0.277
7041	70.40	0.425	0.410	0.171	-0.207	-0.520	-0.551	-0.187	0.508	1.305	1.905
7051	70.50	2.068	1.723	0.996	0.156	-0.506	-0.788	-0.653	-0.217	0.314	0.740
7061	70.60	0.933	0.862	0.568	0.132	-0.360	-0.822	-1.160	-1.271	-1.070	-0.537
7071	70.70	0.238	1.040	1.577	1.587	0.952	-0.219	-1.599	-2.740	-3.238	-2.895
7081	70.80	-1.800	-0.306	1.104	1.999	2.152	1.605	0.634	-0.388	-1.131	-1.422
7091	70.90	-1.277	-0.855	-0.365	0.025	0.234	0.279	0.227	0.155	0.115	0.115
7101	71.00	0.133	0.132	0.073	-0.071	-0.310	-0.621	-0.943	-1.183	-1.236	-1.030
7111	71.10	-0.567	0.047	0.626	0.963	0.918	0.489	-0.169	-0.791	-1.106	-0.960
7121	71.20	-0.386	0.398	1.077	1.372	1.161	0.535	-0.246	-0.863	-1.076	-0.822
7131	71.30	-0.232	0.437	0.922	1.064	0.869	0.489	0.139	-0.001	0.135	0.482
7141	71.40	0.880	1.152	1.177	0.935	0.505	0.022	-0.379	-0.611	-0.657	-0.561
7151	71.50	-0.402	-0.251	-0.152	-0.107	-0.095	-0.089	-0.084	-0.108	-0.207	-0.422
7161	71.60	-0.755	-1.139	-1.447	-1.520	-1.233	-0.554	0.415	1.450	2.266	2.613
7171	71.70	2.368	1.594	0.521	-0.524	-1.236	-1.433	-1.117	-0.463	0.263	0.796
7181	71.80	0.972	0.772	0.308	-0.229	-0.647	-0.813	-0.691	-0.334	0.142	0.603
7191	71.90	0.932	1.056	0.960	0.678	0.285	-0.134	-0.501	-0.764	-0.906	-0.932
7201	72.00	-0.858	-0.698	-0.461	-0.165	0.148	0.402	0.503	0.372	-0.004	-0.542
7211	72.10	-1.068	-1.372	-1.288	-0.783	0.013	0.837	1.393	1.467	1.023	0.220
7221	72.20	-0.647	-1.273	-1.464	-1.205	-0.652	-0.048	0.388	0.549	0.463	0.253
7231	72.30	0.062	-0.024	0.002	0.081	0.144	0.151	0.111	0.062	0.031	0.012
7241	72.40	-0.030	-0.131	-0.283	-0.428	-0.476	-0.355	-0.065	0.310	0.632	0.772
7251	72.50	0.685	0.428	0.141	-0.033	-0.026	0.119	0.268	0.279	0.083	-0.262
7261	72.60	-0.595	-0.733	-0.576	-0.167	0.317	0.656	0.700	0.451	0.070	-0.207
7271	72.70	-0.199	0.114	0.569	0.885	0.810	0.253	-0.650	-1.578	-2.161	-2.140
7281	72.80	-1.691	-0.435	0.645	1.359	1.665	0.936	-0.023	-1.089	-1.934	-2.330
7291	72.90	-2.200	-1.614	-0.742	0.205	1.022	1.545	1.672	1.382	0.747	-0.067
7301	73.00	-0.831	-1.311	-1.340	-0.881	-0.053	0.904	1.707	2.122	2.042	1.512
7311	73.10	0.699	-0.173	-0.901	-1.348	-1.461	-1.253	-0.782	-0.126	0.611	1.304
7321	73.20	1.804	1.969	1.708	1.029	0.061	-0.968	-1.790	-2.185	-2.050	-1.434
7331	73.30	-0.518	0.456	1.259	1.740	1.853	1.644	1.216	0.690	0.177	-0.236
7341	73.40	-0.486	-0.537	-0.390	-0.085	0.292	0.636	0.848	0.873	0.718	0.444
7351	73.50	0.140	-0.120	-0.299	-0.402	-0.448	-0.445	-0.369	-0.179	0.150	0.584
7361	73.60	1.019	1.305	1.311	0.991	0.429	-0.182	-0.615	-0.706	-0.433	0.069
7371	73.70	0.570	0.849	0.800	0.478	0.069	-0.209	-0.219	0.022	0.354	0.552
7381	73.80	0.449	0.024	-0.576	-1.108	-1.341	-1.171	-0.665	-0.029	0.490	0.717
7391	73.90	0.617	0.292	-0.078	-0.334	-0.403	-0.320	-0.185	-0.099	-0.114	-0.206
7401	74.00	-0.311	-0.363	-0.342	-0.272	-0.206	-0.183	-0.206	-0.243	-0.258	-0.239
7411	74.10	-0.215	-0.244	-0.368	-0.585	-0.835	-1.031	-1.104	-1.048	-0.927	-0.844
7421	74.20	-0.870	-0.995	-1.112	-1.063	-0.726	-0.095	0.683	1.349	1.639	1.400
7431	74.30	0.678	-0.284	-1.134	-1.545	-1.347	-0.587	0.492	1.551	2.282	2.511
7441	74.40	2.237	1.604	0.830	0.127	-0.350	-0.530	-0.413	-0.059	0.433	0.928
7451	74.50	1.282	1.366	1.115	0.563	-0.150	-0.809	-1.201	-1.198	-0.817	-0.220
7461	74.60	0.349	0.664	0.616	0.257	-0.227	-0.599	-0.681	-0.427	0.062	0.586
7471	74.70	0.938	0.981	0.695	0.159	-0.491	-1.120	-1.623	-1.927	-1.976	-1.722
7481	74.80	-1.144	-0.284	0.720	1.632	2.179	2.143	1.468	0.316	-0.965	-1.952
7491	74.90	-2.303	-1.903	-0.909	0.302	1.286	1.704	1.450	0.677	-0.287	-1.087

Table 7-24-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-1.489	-1.453	-1.117	-0.700	-0.386	-0.244	-0.220	-0.202	-0.104	0.068
7511	75.10	0.212	0.195	-0.064	-0.527	-1.032	-1.358	-1.325	-0.885	-0.158	0.615
7521	75.20	1.172	1.337	1.096	0.593	0.068	-0.254	-0.251	0.053	0.507	0.905
7531	75.30	1.069	0.910	0.452	-0.192	-0.862	-1.399	-1.679	-1.626	-1.220	-0.493
7541	75.40	0.460	1.484	2.380	2.935	2.980	2.443	1.387	0.016	-1.373	-2.466
7551	75.50	-3.013	-2.899	-2.166	-1.000	0.332	1.547	2.408	2.767	2.579	1.897
7561	75.60	0.857	-0.343	-1.466	-2.271	-2.558	-2.215	-1.263	0.123	1.637	2.905
7571	75.70	3.582	3.447	2.686	0.902	-0.922	-2.530	-3.510	-3.619	-2.840	-1.394
7581	75.80	0.326	1.861	2.801	2.901	2.137	0.713	-0.984	-2.487	-3.372	-3.372
7591	75.90	-2.462	-0.881	0.930	2.450	3.234	3.060	2.009	0.643	-1.110	-2.136
7601	76.00	-2.315	-1.628	-0.359	1.015	2.002	2.274	1.771	0.701	-0.556	-1.604
7611	76.10	-2.167	-2.163	-1.697	-0.979	-0.229	0.396	0.827	1.058	1.104	0.975
7621	76.20	0.681	0.255	-0.213	-0.585	-0.707	-0.485	0.065	0.798	1.481	1.880
7631	76.30	1.860	1.437	0.776	0.115	-0.338	-0.489	-0.392	-0.207	-0.115	-0.222
7641	76.40	-0.506	-0.830	-1.004	-0.882	-0.425	0.269	1.008	1.575	1.812	1.668
7651	76.50	1.208	0.578	-0.053	-0.548	-0.827	-0.883	-0.755	-0.511	-0.225	0.043
7661	76.60	0.246	0.359	0.378	0.313	0.191	0.042	-0.103	-0.229	-0.328	-0.405
7671	76.70	-0.461	-0.493	-0.489	-0.431	-0.311	-0.139	0.050	0.203	0.261	0.179
7681	76.80	-0.056	-0.415	-0.828	-1.197	-1.624	-1.434	-1.202	-0.757	-0.185	0.398
7691	76.90	0.871	1.139	1.159	0.939	0.542	0.060	-0.406	-0.759	-0.929	-0.880
7701	77.00	-0.619	-0.200	0.278	0.691	0.924	0.907	0.653	0.263	-0.103	-0.286
7711	77.10	-0.202	0.114	0.503	0.747	0.667	0.213	-0.492	-1.187	-1.581	-1.481
7721	77.20	-0.887	-0.005	0.842	1.347	1.366	0.966	0.395	-0.052	-0.177	0.025
7731	77.30	0.377	0.619	0.560	0.187	-0.324	-0.691	-0.690	-0.277	0.365	0.908
7741	77.40	1.042	0.630	-0.205	-1.130	-1.755	-1.818	-1.307	-0.468	0.319	0.719
7751	77.50	0.595	0.060	-0.589	-1.031	-1.069	-0.715	-0.159	0.336	0.580	0.533
7761	77.60	0.307	0.087	0.018	0.131	0.334	0.474	0.430	0.177	-0.197	-0.544
7771	77.70	-0.726	-0.680	-0.430	-0.061	0.331	0.675	0.924	1.036	0.955	0.616
7781	77.80	-0.013	-0.870	-1.775	-2.453	-2.626	-2.138	-1.046	0.362	1.655	2.414
7791	77.90	2.404	1.665	0.505	-0.630	-1.331	-1.382	-0.829	0.062	0.932	1.472
7801	78.00	1.535	1.158	0.516	-0.169	-0.712	-1.010	-1.048	-0.869	-0.544	-0.152
7811	78.10	0.226	0.508	0.631	0.567	0.345	0.058	-0.173	-0.246	-0.130	0.113
7821	78.20	0.346	0.423	0.256	-0.135	-0.623	-1.028	-1.195	-1.059	-0.672	-0.171
7831	78.30	0.288	0.592	0.707	0.676	0.569	0.441	0.302	0.125	-0.118	-0.422
7841	78.40	-0.732	-0.955	-1.007	-0.846	-0.502	-0.064	0.354	0.652	0.771	0.706
7851	78.50	0.483	0.149	-0.243	-0.629	-0.931	-1.066	-0.962	-0.599	-0.040	0.576
7861	78.60	1.060	1.249	1.074	0.601	0.014	-0.451	-0.609	-0.399	0.084	0.637
7871	78.70	1.037	1.140	0.945	0.583	0.252	0.115	0.223	0.494	0.750	0.811
7881	78.80	0.577	0.079	-0.533	-1.055	-1.315	-1.238	-0.870	-0.347	0.169	0.551
7891	78.90	0.746	0.772	0.688	0.561	0.431	0.314	0.208	0.112	0.035	-0.013
7901	79.00	-0.030	-0.040	-0.080	-0.185	-0.359	-0.562	-0.713	-0.728	-0.557	-0.218
7911	79.10	0.200	0.568	0.771	0.758	0.568	0.310	0.111	0.056	0.149	0.310
7921	79.20	0.423	0.398	0.224	-0.017	-0.183	-0.143	0.154	0.643	1.159	1.504
7931	79.30	1.532	1.212	0.652	0.048	-0.388	-0.521	-0.343	0.026	0.391	0.566
7941	79.40	0.449	0.057	-0.480	-0.977	-1.265	-1.251	-0.953	-0.487	-0.024	0.272
7951	79.50	0.297	0.044	-0.397	-0.870	-1.205	-1.280	-1.059	-0.611	-0.086	0.345
7961	79.60	0.553	0.502	0.265	-0.006	-0.150	-0.071	0.220	0.599	0.886	0.927
7971	79.70	0.665	0.172	-0.374	-0.769	-0.867	-0.641	-0.192	0.301	0.661	0.787
7981	79.80	0.681	0.430	0.150	-0.077	-0.232	-0.352	-0.487	-0.648	-0.789	-0.824
7991	79.90	-0.676	-0.332	0.134	0.576	0.838	0.819	0.525	0.061	-0.409	-0.736

Table 7-24-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-0.843	-0.750	-0.551	-0.361	-0.265	-0.288	-0.398	-0.538	-0.657	-0.727
8011	80.10	-0.743	-0.704	-0.601	-0.425	-0.178	0.095	0.312	0.374	0.216	-0.148
8021	80.20	-0.604	-0.969	-1.061	-0.780	-0.172	0.581	1.216	1.495	1.302	0.693
8031	80.30	-0.126	-0.878	-1.320	-1.330	-0.939	-0.303	0.569	0.892	1.154	1.138
8041	80.40	0.897	0.520	0.098	-0.291	-0.584	-0.736	-0.719	-0.530	-0.203	0.193
8051	80.50	0.566	0.828	0.916	0.812	0.539	0.153	-0.276	-0.676	-0.976	-1.112
8061	80.60	-1.035	-0.729	-0.231	0.357	0.886	1.199	1.190	0.852	0.290	-0.310
8071	80.70	-0.752	-0.906	-0.752	-0.381	0.057	0.422	0.642	0.724	0.726	0.700
8081	80.80	0.652	0.543	0.325	0.003	-0.337	-0.545	-0.475	-0.076	0.553	1.179
8091	80.90	1.521	1.381	0.749	-0.172	-1.043	-1.534	-1.471	-0.924	-0.166	0.453
8101	81.00	0.671	0.442	-0.052	-0.494	-0.597	-0.248	0.430	1.134	1.523	1.386
8111	81.10	0.738	-0.187	-1.039	-1.516	-1.483	-1.017	-0.354	0.237	0.573	0.626
8121	81.20	0.508	0.390	0.402	0.559	0.763	0.854	0.701	0.271	-0.340	-0.945
8131	81.30	-1.332	-1.348	-0.957	-0.243	0.611	1.385	1.879	1.965	1.611	0.881
8141	81.40	-0.076	-1.064	-1.876	-2.341	-2.361	-1.935	-1.160	-0.211	0.706	1.400
8151	81.50	1.746	1.697	1.293	0.635	-0.140	-0.892	-1.494	-1.849	-1.899	-1.630
8161	81.60	-1.086	-0.368	0.376	0.983	1.309	1.279	0.911	0.313	-0.341	-0.870
8171	81.70	-1.144	-1.118	-0.845	-0.441	-0.043	0.250	0.400	0.435	0.419	0.415
8181	81.80	0.452	0.513	0.551	0.517	0.385	0.165	-0.101	-0.362	-0.577	-0.723
8191	81.90	-0.736	-0.751	-0.595	-0.294	0.149	0.686	1.207	1.566	1.630	1.338
8201	82.00	0.739	-0.001	-0.658	-1.023	-0.985	-0.572	0.065	0.715	1.194	1.404
8211	82.10	1.355	1.131	0.824	0.488	0.123	-0.300	-0.775	-1.230	-1.523	-1.495
8221	82.20	-1.052	-0.238	0.753	1.624	2.079	1.935	1.205	0.095	-1.064	-1.928
8231	82.30	-2.257	-1.980	-1.207	-0.175	0.832	1.561	1.851	1.657	1.052	0.200
8241	82.40	-0.677	-1.355	-1.661	-1.524	-1.006	-0.286	0.395	0.818	0.870	0.590
8251	82.50	0.146	-0.237	-0.380	-0.231	0.111	0.450	0.585	0.413	-0.021	-0.534
8261	82.60	-0.899	-0.939	-0.615	-0.043	0.562	0.973	1.050	0.784	0.292	-0.242
8271	82.70	-0.644	-0.809	-0.726	-0.463	-0.125	0.183	0.384	0.446	0.371	0.194
8281	82.80	-0.029	-0.234	-0.364	-0.385	-0.303	-0.162	-0.029	0.032	-0.004	-0.116
8291	82.90	-0.244	-0.321	-0.306	-0.213	-0.097	-0.024	-0.031	-0.102	-0.170	-0.157
8301	83.00	-0.019	0.224	0.487	0.663	0.676	0.525	0.283	0.063	-0.046	-0.026
8311	83.10	0.055	0.080	-0.057	-0.386	-0.835	-1.253	-1.476	-1.397	-1.015	-0.431
8321	83.20	0.189	0.683	0.948	0.957	0.754	0.418	0.033	-0.331	-0.612	-0.768
8331	83.30	-0.685	-0.398	0.088	0.673	1.194	1.477	1.400	0.951	0.248	-0.490
8341	83.40	-1.026	-1.190	-0.943	-0.383	0.295	0.881	1.227	1.286	1.106	0.784
8351	83.50	0.415	0.056	-0.276	-0.575	-0.816	-0.944	-0.889	-0.608	-0.133	0.424
8361	83.60	0.887	1.089	0.937	0.463	-0.177	-0.759	-1.077	-1.023	-0.636	-0.078
8371	83.70	0.428	0.692	0.631	0.291	-0.176	-0.587	-0.805	-0.790	-0.607	-0.385
8381	83.80	-0.249	-0.262	-0.394	-0.540	-0.568	-0.384	0.017	0.545	1.036	1.315
8391	83.90	1.257	0.840	0.155	-0.608	-1.224	-1.494	-1.311	-0.697	0.195	1.118
8401	84.00	1.803	2.036	1.728	0.946	-0.102	-1.131	-1.868	-2.140	-1.926	-1.352
8411	84.10	-0.641	-0.021	0.355	0.452	0.347	0.173	0.047	0.012	0.029	0.009
8421	84.20	-0.129	-0.402	-0.748	-1.049	-1.189	-1.111	-0.846	-0.491	-0.165	0.057
8431	84.30	0.172	0.243	0.348	0.522	0.725	0.854	0.791	0.485	-0.007	-0.517
8441	84.40	-0.830	-0.770	-0.294	0.480	1.304	1.889	2.016	1.621	0.815	-0.156
8451	84.50	-1.005	-1.499	-1.532	-1.143	-0.484	0.234	0.815	1.120	1.095	0.773
8461	84.60	0.262	-0.286	-0.705	-0.861	-0.694	-0.243	0.348	0.878	1.148	1.043
8471	84.70	0.587	-0.058	-0.647	-0.949	-0.845	-0.379	0.254	0.793	1.025	0.878
8481	84.80	0.448	-0.049	-0.384	-0.421	-0.182	0.176	0.444	0.479	0.277	-0.016
8491	84.90	-0.181	-0.044	0.421	1.060	1.597	1.760	1.415	0.641	-0.288	-1.017

Table 7-24-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-1.264	-0.940	-0.191	0.669	1.295	1.458	1.133	0.497	-0.170	-0.613
8511	85.10	-0.714	-0.528	-0.239	-0.056	-0.107	-0.380	-0.732	-0.964	-0.919	-0.555
8521	85.20	0.036	0.661	1.101	1.194	0.887	0.250	-0.548	-1.288	-1.741	-1.817
8531	85.30	-1.407	-0.601	0.415	1.373	1.994	2.067	1.528	0.500	-0.728	-1.783
8541	85.40	-2.335	-2.212	-1.466	-0.357	0.746	1.501	1.713	1.395	0.739	0.019
8551	85.50	-0.525	-0.774	-0.754	-0.589	-0.419	-0.328	-0.306	-0.283	-0.181	0.023
8561	85.60	0.271	0.453	0.461	0.256	-0.104	-0.478	-0.705	-0.675	-0.382	0.071
8571	85.70	0.518	0.793	0.808	0.576	0.205	-0.156	-0.377	-0.401	-0.257	-0.042
8581	85.80	0.128	0.163	0.039	-0.202	-0.469	-0.662	-0.711	-0.598	-0.364	-0.087
8591	85.90	0.148	0.282	0.297	0.222	0.108	0.010	-0.040	-0.039	-0.007	0.037
8601	86.00	0.091	0.173	0.310	0.512	0.745	0.934	0.979	0.802	0.393	-0.165
8611	86.10	-0.712	-1.064	-1.088	-0.766	-0.207	0.379	0.770	0.820	0.521	0.010
8621	86.20	-0.489	-0.761	-0.691	-0.312	0.212	0.657	0.837	0.679	0.254	-0.259
8631	86.30	-0.653	-0.777	-0.598	-0.212	0.204	0.460	0.429	0.096	-0.445	-1.023
8641	86.40	-1.458	-1.614	-1.447	-1.008	-0.422	0.157	0.592	0.799	0.766	0.538
8651	86.50	0.197	-0.169	-0.492	-0.729	-0.865	-0.893	-0.810	-0.614	-0.315	0.052
8661	86.60	0.421	0.702	0.813	0.711	0.419	0.029	-0.324	-0.516	-0.477	-0.225
8671	86.70	0.143	0.496	0.719	0.761	0.646	0.449	0.251	0.104	0.008	-0.067
8681	86.80	-0.147	-0.225	-0.254	-0.172	0.045	0.359	0.658	0.803	0.693	0.323
8691	86.90	-0.203	-0.700	-0.989	-0.968	-0.662	-0.203	0.238	0.534	0.657	0.680
8701	87.00	0.719	0.846	1.043	1.195	1.155	0.835	0.273	-0.363	-0.843	-0.983
8711	87.10	-0.744	-0.255	0.240	0.496	0.390	-0.019	-0.519	-0.846	-0.820	-0.429
8721	87.20	0.160	0.687	0.919	0.761	0.289	-0.294	-0.765	-0.979	-0.923	-0.696
8731	87.30	-0.438	-0.245	-0.129	-0.030	0.124	0.348	0.577	0.685	0.555	0.149
8741	87.40	-0.452	-1.078	-1.535	-1.687	-1.513	-1.106	-0.616	-0.185	0.115	0.288
8751	87.50	0.391	0.480	0.574	0.650	0.664	0.589	0.440	0.267	0.131	0.064
8761	87.60	0.057	0.071	0.066	0.037	0.013	0.046	0.165	0.351	0.532	0.620
8771	87.70	0.557	0.356	0.101	-0.089	-0.128	-0.003	0.215	0.408	0.485	0.429
8781	87.80	0.306	0.226	0.266	0.415	0.565	0.567	0.321	-0.147	-0.669	-0.998
8791	87.90	-0.925	-0.395	0.447	1.291	1.796	1.730	1.084	0.074	-0.944	-1.620
8801	88.00	-1.748	-1.335	-0.568	0.272	0.933	1.272	1.272	1.004	0.574	0.069
8811	88.10	-0.445	-0.907	-1.243	-1.370	-1.227	-0.824	-0.266	0.270	0.600	0.616
8821	88.20	0.341	-0.067	-0.393	-0.461	-0.225	0.203	0.610	0.784	0.618	0.165
8831	88.30	-0.388	-0.813	-0.951	-0.781	-0.425	-0.075	0.103	0.046	-0.181	-0.439
8841	88.40	-0.588	-0.567	-0.413	-0.229	-0.123	-0.137	-0.231	-0.304	-0.261	-0.064
8851	88.50	0.243	0.553	0.754	0.785	0.656	0.439	0.222	0.063	-0.031	-0.094
8861	88.60	-0.163	-0.240	-0.285	-0.233	-0.040	0.279	0.638	0.909	0.976	0.789
8871	88.70	0.388	-0.104	-0.537	-0.787	-0.800	-0.602	-0.274	0.087	0.409	0.653
8881	88.80	0.806	0.866	0.824	0.668	0.398	0.045	-0.322	-0.617	-0.763	-0.728
8891	88.90	-0.541	-0.279	-0.037	0.119	0.175	0.170	0.166	0.209	0.296	0.371
8901	89.00	0.350	0.168	-0.177	-0.610	-0.997	-1.194	-1.113	-0.759	-0.238	0.276
8911	89.10	0.609	0.649	0.387	-0.084	-0.608	-1.026	-1.234	-1.203	-0.981	-0.655
8921	89.20	-0.309	0.007	0.282	0.524	0.738	0.907	0.991	0.952	0.780	0.514
8931	89.30	0.232	0.024	-0.044	0.037	0.218	0.414	0.544	0.567	0.497	0.381
8941	89.40	0.272	0.194	0.129	0.036	-0.116	-0.318	-0.516	-0.630	-0.601	-0.426
8951	89.50	-0.164	0.085	0.233	0.252	0.186	0.127	0.155	0.281	0.433	0.483
8961	89.60	0.316	-0.089	-0.627	-1.092	-1.262	-1.004	-0.349	0.506	1.264	1.650
8971	89.70	1.521	0.921	0.056	-0.792	-1.377	-1.570	-1.385	-0.936	-0.375	0.177
8981	89.80	0.653	1.027	1.280	1.373	1.249	0.862	0.220	-0.591	-1.413	-2.061
8991	89.90	-2.381	-2.300	-1.844	-1.123	-0.295	0.479	1.062	1.357	1.316	0.948

Table 7-24-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.326	-0.410	-1.073	-1.469	-1.464	-1.040	-0.317	0.475	1.075	1.291
9011	90.10	1.079	0.557	-0.041	-0.465	-0.558	-0.317	0.112	0.507	0.673	0.524
9021	90.20	0.122	-0.561	-0.726	-0.827	-0.636	-0.237	0.216	0.568	0.725	0.685
9031	90.30	0.514	0.303	0.142	0.073	0.094	0.171	0.264	0.345	0.401	0.431
9041	90.40	0.432	0.393	0.297	0.135	-0.083	-0.316	-0.501	-0.566	-0.459	-0.172
9051	90.50	0.245	0.688	1.031	1.165	1.034	0.662	0.148	-0.366	-0.741	-0.885
9061	90.60	-0.780	-0.477	-0.074	0.323	0.628	0.791	0.787	0.608	0.263	-0.221
9071	90.70	-0.776	-1.267	-1.609	-1.610	-1.227	-0.516	0.343	1.093	1.488	1.391
9081	90.80	0.835	0.016	-0.775	-1.269	-1.324	-0.967	-0.377	0.205	0.576	0.647
9091	90.90	0.457	0.134	-0.185	-0.408	-0.516	-0.540	-0.516	-0.448	-0.306	-0.052
9101	91.00	0.308	0.706	1.018	1.114	0.930	0.506	-0.012	-0.429	-0.581	-0.407
9111	91.10	0.026	0.548	0.964	1.126	0.991	0.627	0.170	-0.227	-0.454	-0.462
9121	91.20	-0.269	0.066	0.462	0.828	1.073	1.115	0.897	0.419	-0.248	-0.955
9131	91.30	-1.512	-1.745	-1.558	-0.979	-0.157	0.683	1.315	1.588	1.465	1.021
9141	91.40	0.406	-0.220	-0.731	-1.057	-1.181	-1.118	-0.897	-0.558	-0.156	0.229
9151	91.50	0.500	0.568	0.392	0.005	-0.485	-0.919	-1.149	-1.096	-0.780	-0.318
9161	91.60	0.122	0.390	0.408	0.200	-0.125	-0.423	-0.572	-0.521	-0.300	-0.001
9171	91.70	0.267	0.620	0.425	0.308	0.130	-0.045	-0.168	-0.226	-0.235	-0.229
9181	91.80	-0.236	-0.272	-0.330	-0.388	-0.415	-0.386	-0.290	-0.139	0.036	0.191
9191	91.90	0.282	0.285	0.204	0.079	-0.031	-0.064	0.013	0.189	0.403	0.563
9201	92.00	0.588	0.440	0.155	-0.160	-0.367	-0.346	-0.051	0.455	1.017	1.435
9211	92.10	1.540	1.260	0.658	-0.089	-0.751	-1.128	-1.124	-0.782	-0.259	0.237
9221	92.20	0.532	0.544	0.314	-0.027	-0.322	-0.451	-0.384	-0.177	0.056	0.204
9231	92.30	0.209	0.089	-0.080	-0.203	-0.214	-0.108	0.062	0.213	0.279	0.242
9241	92.40	0.143	0.056	0.069	0.146	0.303	0.426	0.408	0.186	-0.226	-0.731
9251	92.50	-1.173	-1.398	-1.308	-0.899	-0.270	0.413	0.972	1.268	1.247	0.945
9261	92.60	0.471	-0.035	-0.443	-0.667	-0.680	-0.507	-0.217	0.107	0.382	0.543
9271	92.70	0.554	0.412	0.150	-0.168	-0.461	-0.650	-0.676	-0.522	-0.217	0.163
9281	92.80	0.520	0.751	0.786	0.602	0.240	-0.212	-0.633	-0.905	-0.944	-0.725
9291	92.90	-0.293	0.246	0.754	1.099	1.192	1.011	0.609	0.095	-0.400	-0.758
9301	93.00	-0.907	-0.833	-0.575	-0.206	0.192	0.540	0.783	0.883	0.829	0.633
9311	93.10	0.332	-0.014	-0.333	-0.555	-0.641	-0.587	-0.432	-0.237	-0.062	0.062
9321	93.20	0.142	0.212	0.304	0.423	0.532	0.566	0.462	0.201	-0.173	-0.561
9331	93.30	-0.849	-0.954	-0.867	-0.650	-0.406	-0.229	-0.152	-0.137	-0.100	0.033
9341	93.40	0.272	0.545	0.721	0.671	0.340	-0.211	-0.819	-1.278	-1.425	-1.207
9351	93.50	-0.702	-0.086	0.447	0.762	0.827	0.708	0.520	0.362	0.267	0.200
9361	93.60	0.095	-0.116	-0.406	-0.701	-0.883	-0.849	-0.568	-0.101	0.414	0.812
9371	93.70	0.963	0.815	0.416	-0.112	-0.614	-0.954	-1.048	-0.889	-0.534	-0.084
9381	93.80	0.348	0.669	0.828	0.820	0.689	0.503	0.333	0.232	0.215	0.264
9391	93.90	0.333	0.377	0.365	0.292	0.178	0.055	-0.045	-0.103	-0.110	-0.062
9401	94.00	0.040	0.193	0.381	0.568	0.699	0.712	0.567	0.270	-0.115	-0.479
9411	94.10	-0.704	-0.712	-0.503	-0.161	0.174	0.367	0.345	0.126	-0.183	-0.439
9421	94.20	-0.527	-0.414	-0.162	0.103	0.248	0.200	-0.023	-0.317	-0.545	-0.593
9431	94.30	-0.422	-0.080	0.326	0.676	0.887	0.938	0.861	0.709	0.525	0.322
9441	94.40	0.087	-0.188	-0.486	-0.747	-0.890	-0.844	-0.590	-0.184	0.256	0.587
9451	94.50	0.693	0.535	0.159	-0.315	-0.745	-1.018	-1.083	-0.962	-0.726	-0.465
9461	94.60	-0.247	-0.107	-0.048	-0.054	-0.112	-0.210	-0.338	-0.471	-0.565	-0.563
9471	94.70	-0.421	-0.133	0.247	0.618	0.855	0.866	0.624	0.199	-0.270	-0.617
9481	94.80	-0.715	-0.528	-0.129	0.326	0.652	0.704	0.434	-0.092	-0.717	-1.248
9491	94.90	-1.520	-1.453	-1.069	-0.483	0.142	0.643	0.910	0.910	0.689	0.353

Table 7-24-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1216 S601-DA-2-1 HB. (HB.) SHIJYUSHIDA DAM MAX. ACC. = 308.996 (GAL) T= 14.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	0.028	-0.177	-0.200	-0.042	0.241	0.559	0.817	0.945	0.916	0.750
9511	95.10	0.502	0.239	0.018	-0.128	-0.192	-0.186	-0.124	-0.020	0.119	0.279
9521	95.20	0.437	0.550	0.569	0.458	0.214	-0.117	-0.447	-0.671	-0.703	-0.515
9531	95.30	-0.151	0.285	0.663	0.873	0.868	0.673	0.371	0.066	-0.166	-0.296
9541	95.40	-0.349	-0.377	-0.422	-0.490	-0.542	-0.515	-0.358	-0.069	0.292	0.619
9551	95.50	0.793	0.735	0.435	-0.037	-0.549	-0.958	-1.150	-1.075	-0.763	-0.306
9561	95.60	0.171	0.542	0.718	0.667	0.417	0.055	-0.296	-0.512	-0.507	-0.265
9571	95.70	0.145	0.581	0.878	0.904	0.622	0.112	-0.448	-0.850	-0.938	-0.677
9581	95.80	-0.174	0.366	0.725	0.769	0.506	0.081	-0.294	-0.439	-0.294	0.058
9591	95.90	0.428	0.618	0.516	0.150	-0.326	-0.708	-0.838	-0.675	-0.305	0.111
9601	96.00	0.420	0.553	0.544	0.492	0.493	0.572	0.667	0.664	0.468	0.078
9611	96.10	-0.397	-0.777	-0.893	-0.674	-0.194	0.369	0.765	0.867	0.647	0.221
9621	96.20	-0.218	-0.501	-0.560	-0.454	-0.319	-0.295	-0.438	-0.693	-0.918	-0.964
9631	96.30	-0.752	-0.327	0.164	0.532	0.638	0.453	0.072	-0.327	-0.567	-0.545
9641	96.40	-0.275	0.127	0.489	0.664	0.583	0.283	-0.109	-0.428	-0.525	-0.329
9651	96.50	0.133	0.734	1.287	1.602	1.550	1.114	0.398	-0.392	-1.014	-1.277
9661	96.60	-1.102	-0.557	0.168	0.835	1.245	1.311	1.074	0.676	0.284	0.019
9671	96.70	-0.090	-0.097	-0.091	-0.138	-0.243	-0.351	-0.387	-0.315	-0.163	-0.022
9681	96.80	0.008	-0.130	-0.401	-0.690	-0.852	-0.786	-0.488	-0.064	0.319	0.512
9691	96.90	0.450	0.185	-0.146	-0.387	-0.446	-0.328	-0.134	0.002	-0.018	-0.200
9701	97.00	-0.463	-0.679	-0.739	-0.608	-0.340	-0.048	0.155	0.206	0.116	-0.046
9711	97.10	-0.196	-0.278	-0.290	-0.272	-0.276	-0.327	-0.408	-0.472	-0.463	-0.359
9721	97.20	-0.180	0.014	0.158							

Table 7-25-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1217 713-GR-1-3 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -50.577 (GAL) T= 2.31 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-5.592	-8.620	-9.649	-8.556	-5.749	-1.910	2.331	6.603	10.764	14.657
11	0.10	17.788	19.179	17.537	11.756	1.567	-11.987	-26.526	-38.885	-46.106	-46.487
21	0.20	-40.265	-29.606	-17.853	-8.322	-3.113	-2.423	-4.643	-7.170	-7.584	-4.665
31	0.30	1.145	8.004	13.499	15.626	13.523	7.649	-0.557	-9.337	-17.235	-23.410
41	0.40	-27.573	-29.686	-29.658	-27.284	-22.451	-15.508	-7.535	-0.295	4.215	4.460
51	0.50	0.041	-7.972	-17.243	-24.651	-28.239	-26.048	-18.553	-7.542	4.300	14.238
61	0.60	20.292	21.714	19.058	13.845	8.009	3.289	0.758	0.579	2.036	3.801
71	0.70	4.374	2.571	-2.048	-8.970	-16.793	-23.604	-27.555	-27.473	-23.277	-16.043
81	0.80	-7.665	-0.219	4.730	6.640	6.104	4.547	3.625	4.566	7.718	12.449
91	0.90	17.421	21.091	22.245	20.365	15.736	9.289	2.299	-3.960	-8.497	-10.772
101	1.00	-10.762	-8.937	-6.149	-3.451	-1.850	-2.022	-4.096	-7.561	-11.377	-14.268
111	1.10	-15.103	-13.238	-8.678	-2.027	5.746	13.586	20.555	25.891	28.945	29.132
121	1.20	25.978	19.344	9.716	-1.593	-12.522	-20.708	-24.198	-22.189	-15.456	-6.249
131	1.30	2.380	7.612	7.860	3.337	-4.021	-11.284	-15.583	-15.103	-9.632	-0.503
141	1.40	9.979	19.353	25.718	28.112	26.506	21.530	14.147	5.427	-3.509	-11.466
151	1.50	-17.206	-19.626	-18.068	-12.644	-4.388	4.882	13.008	18.094	19.055	15.907
161	1.60	9.705	2.166	-4.852	-9.831	-11.893	-10.876	-7.245	-1.923	3.866	8.760
171	1.70	11.439	10.885	6.684	-0.706	-9.850	-18.545	-24.323	-25.162	-20.174	-9.995
181	1.80	3.270	16.591	26.864	31.796	30.513	23.714	13.334	1.892	-8.243	-15.407
191	1.90	-18.874	-18.775	-15.795	-10.840	-4.788	1.610	7.726	13.005	16.968	19.261
201	2.00	19.739	18.515	15.920	12.398	8.356	4.070	-0.325	-4.742	-9.015	-12.808
211	2.10	-15.622	-16.903	-16.208	-13.346	-8.427	-1.812	6.000	14.467	23.018	30.994
221	2.20	37.550	41.635	42.112	38.039	29.030	15.553	-0.957	-18.275	-33.804	-45.136
231	2.30	-50.577	-49.485	-42.337	-30.543	-16.095	-1.161	12.278	22.684	29.114	31.272
241	2.40	29.482	24.592	17.798	10.426	3.687	-1.530	-4.784	-6.101	-5.885	-4.775
251	2.50	-3.478	-2.630	-2.685	-3.840	-5.995	-8.762	-11.537	-13.656	-14.604	-14.215
261	2.60	-12.774	-10.943	-9.510	-9.037	-9.550	-10.434	-10.607	-8.932	-4.728	1.859
271	2.70	9.777	17.351	22.817	24.891	23.161	18.134	10.972	3.048	-4.472	-10.847
281	2.80	-15.739	-19.024	-20.600	-20.313	-18.053	-13.954	-8.543	-2.726	2.430	6.045
291	2.90	7.731	7.722	6.739	5.669	5.182	5.493	6.347	7.237	7.720	7.669
301	3.00	7.339	7.215	7.721	8.955	10.569	11.864	12.053	10.566	7.267	2.501
311	3.10	-3.040	-8.546	-13.318	-16.903	-19.104	-19.909	-19.384	-17.609	-14.657	-10.634
321	3.20	-5.712	-0.146	5.757	11.670	17.276	22.255	26.242	28.796	29.414	27.619
331	3.30	23.122	16.007	6.853	-3.259	-12.896	-20.559	-25.036	-25.707	-22.720	-16.966
341	3.40	-9.865	-3.009	2.218	4.958	5.034	2.917	-0.467	-4.034	-6.841	-8.310
351	3.50	-8.335	-7.234	-5.606	-4.117	-3.288	-3.355	-4.201	-5.415	-6.417	-6.657
361	3.60	-5.793	-3.825	-1.132	1.610	3.600	4.138	2.833	-0.270	-4.681	-9.572
371	3.70	-13.976	-17.004	-18.026	-16.779	-13.387	-8.312	-2.261	3.920	9.360	13.285
381	3.80	15.142	14.715	12.200	8.192	3.574	-0.690	-3.811	-5.390	-5.506	-4.658
391	3.90	-3.542	-2.769	-2.612	-2.899	-3.078	-2.452	-0.477	2.983	7.544	12.365
401	4.00	16.384	18.610	18.403	15.647	10.782	4.696	-1.457	-6.490	-9.402	-9.558
411	4.10	-6.819	-1.589	5.215	12.295	18.202	21.615	21.621	17.921	10.900	1.542
421	4.20	-8.781	-18.592	-26.564	-31.708	-33.451	-31.625	-26.425	-18.358	-8.212	2.965
431	4.30	13.922	23.325	29.942	32.860	31.684	26.630	18.503	8.535	-1.853	-11.307
441	4.40	-18.750	-23.508	-25.355	-24.480	-21.422	-16.965	-12.012	-7.439	-3.936	-1.867
451	4.50	-1.199	-1.532	-2.232	-2.644	-2.311	-1.120	0.669	2.541	3.913	4.355
461	4.60	3.722	2.193	0.195	-1.737	-3.104	-3.545	-2.879	-1.115	1.563	4.801
471	4.70	8.095	10.833	12.395	12.301	10.372	6.837	2.335	-2.226	-5.909	-8.014
481	4.80	-8.267	-6.870	-4.387	-1.521	1.115	3.158	4.522	5.308	5.671	5.811
491	4.90	5.457	4.928	4.232	3.621	3.447	4.025	5.450	7.475	9.510	10.786

Table 7-25-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1217 713-GR-1-3 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -50.577 (GAL) T= 2.31 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	10.622	8.698	5.222	0.915	-3.198	-6.106	-7.134	-6.142	-3.551	-0.187
511	5.10	2.988	5.156	5.846	5.012	2.988	0.352	-2.256	-4.291	-5.426	-5.606
521	5.20	-5.033	-4.086	-3.191	-2.667	-2.607	-2.834	-2.961	-2.562	-1.388	0.459
531	5.30	2.468	3.845	3.777	1.772	-2.086	-7.069	-11.969	-15.462	-16.531	-14.803
541	5.40	-10.665	-5.119	0.547	5.168	8.008	8.901	8.179	6.457	4.388	2.466
551	5.50	0.949	-0.125	-0.862	-1.427	-1.988	-2.675	-3.553	-4.580	-5.573	-6.212
561	5.60	-6.107	-4.935	-2.607	0.614	4.116	7.090	8.802	8.884	7.514	5.404
571	5.70	3.568	2.953	4.072	6.779	10.294	13.459	15.134	14.584	11.713	7.073
581	5.80	1.653	-3.445	-7.338	-9.573	-10.177	-9.560	-8.311	-6.989	-5.956	-5.300
591	5.90	-4.842	-4.221	-3.021	-0.916	2.201	6.129	10.343	14.062	16.406	16.603
601	6.00	14.217	9.306	2.483	-5.154	-12.230	-17.370	-19.509	-18.139	-13.453	-6.336
611	6.10	1.798	9.298	14.631	16.736	15.266	10.667	4.050	-3.105	-9.344	-13.602
621	6.20	-15.431	-15.022	-13.026	-10.267	-7.446	-4.963	-2.908	-1.189	0.286	1.471
631	6.30	2.184	2.227	1.569	0.478	-0.485	-0.637	0.554	3.214	6.935	10.860
641	6.40	13.944	15.294	14.460	11.559	7.190	2.203	-2.588	-6.622	-9.672	-11.781
651	6.50	-13.115	-13.813	-13.895	-13.266	-11.775	-9.301	-5.810	-1.390	3.764	9.343
661	6.60	14.935	20.014	23.966	26.164	26.083	23.453	18.377	11.380	3.346	-4.638
671	6.70	-11.447	-16.220	-18.407	-17.891	-14.970	-10.280	-4.686	0.852	5.423	8.310
681	6.80	9.109	7.811	4.798	0.765	-3.432	-6.956	-9.167	-9.724	-8.636	-6.221
691	6.90	-3.029	0.272	3.017	4.671	4.942	3.868	1.837	-0.488	-2.340	-3.088
701	7.00	-2.471	-0.720	1.474	3.179	3.551	2.152	-0.852	-4.728	-8.402	-10.817
711	7.10	-11.279	-9.653	-6.356	-2.181	1.985	5.404	7.629	8.512	8.125	6.658
721	7.20	4.355	1.511	-1.507	-4.250	-6.241	-7.074	-6.544	-4.732	-2.011	1.036
731	7.30	3.759	5.593	6.169	5.363	3.290	0.268	-3.221	-6.580	-9.162	-10.369
741	7.40	-9.794	-7.354	-3.384	1.387	5.984	9.440	11.073	10.686	8.618	5.612
751	7.50	2.552	0.169	-1.185	-1.605	-1.528	-1.513	-1.987	-3.061	-4.493	-5.777
761	7.60	-6.342	-5.761	-3.916	-1.041	2.328	5.497	7.783	8.666	7.890	5.499
771	7.70	1.828	-2.567	-6.984	-10.688	-13.014	-13.482	-11.894	-8.384	-3.433	2.206
781	7.80	7.621	11.912	14.362	14.573	12.546	8.670	3.645	-1.668	-6.414	-9.905
791	7.90	-11.740	-11.854	-10.496	-8.138	-5.345	-2.640	-0.404	1.163	2.018	2.208
801	8.00	1.798	0.822	-0.692	-2.665	-4.886	-6.976	-8.430	-8.748	-7.617	-5.076
811	8.10	-1.585	2.050	4.884	6.117	5.355	2.745	-1.052	-5.062	-8.288	-9.996
821	8.20	-9.911	-8.254	-5.637	-2.845	-0.601	0.643	0.811	0.210	-0.577	-0.866
831	8.30	-0.091	2.005	5.253	9.048	12.488	14.611	14.691	12.477	8.309	3.046
841	8.40	-2.171	-6.250	-8.454	-8.579	-6.954	-4.267	-1.300	1.319	3.260	4.505
851	8.50	5.233	5.668	5.954	6.099	6.014	5.594	4.801	3.717	2.526	1.465
861	8.60	0.751	0.517	0.776	1.417	2.227	2.939	3.294	3.109	2.339	1.104
871	8.70	-0.330	-1.627	-2.495	-2.793	-2.600	-2.203	-2.001	-2.360	-3.466	-5.236
881	8.80	-7.315	-9.163	-10.203	-9.976	-8.266	-5.169	-1.091	3.311	7.241	9.909
891	8.90	10.695	9.309	5.899	1.080	-4.161	-8.674	-11.422	-11.754	-9.579	-5.398
901	9.00	-0.154	5.024	9.118	11.457	11.830	10.459	7.864	4.675	1.473	-1.324
911	9.10	-3.490	-4.970	-5.824	-6.156	-6.064	-5.599	-4.755	-3.500	-1.812	0.257
921	9.20	2.541	4.763	6.590	7.736	8.071	7.688	6.886	6.059	5.542	5.461
931	9.30	5.669	5.808	5.469	4.402	2.658	0.625	-1.105	-1.952	-1.596	-0.125
941	9.40	1.961	3.909	4.964	4.637	2.875	0.087	-2.974	-5.436	-6.564	-5.965
951	9.50	-3.698	-0.253	3.571	6.874	8.883	9.144	7.638	4.768	1.239	-2.150
961	9.60	-4.741	-6.184	-6.503	-6.018	-5.174	-4.341	-3.663	-3.036	-2.206	-0.943
971	9.70	0.783	2.725	4.408	5.306	5.049	3.606	1.318	-1.194	-3.247	-4.332
981	9.80	-4.286	-3.329	-1.957	-0.744	-0.124	-0.236	-0.891	-1.656	-2.027	-1.615
991	9.90	-0.287	1.773	4.110	6.123	7.223	6.994	5.303	2.344	-1.403	-5.269

Table 7-25-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1217 713-GR-1-3 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -50.577 (GAL) T= 2.31 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-8.562	-10.617	-11.119	-9.967	-7.376	-3.791	0.205	4.013	7.104	9.092
1011	10.10	9.766	9.101	7.261	4.585	1.550	-1.282	-3.364	-4.283	-3.879	-2.265
1021	10.20	0.093	2.572	4.527	5.490	5.313	4.207	2.658	1.243	0.421	0.364
1031	10.30	0.903	1.605	1.942	1.505	0.164	-1.869	-4.101	-5.912	-6.749	-6.292
1041	10.40	-4.545	-1.826	1.319	4.266	6.466	7.563	7.468	6.358	4.608	2.683
1051	10.50	1.010	-0.141	-0.713	-0.857	-0.856	-1.009	-1.512	-2.391	-3.507	-4.631
1061	10.60	-5.545	-6.138	-6.431	-6.541	-6.594	-6.641	-6.623	-6.404	-5.863	-4.977
1071	10.70	-3.865	-2.742	-1.816	-1.173	-0.716	-0.210	0.584	1.744	3.084	4.167
1081	10.80	4.469	3.615	1.593	-1.171	-3.923	-5.850	-6.398	-5.510	-3.656	-1.656
1091	10.90	-0.341	-0.217	-1.260	-2.938	-4.445	-5.043	-4.368	-2.566	-0.212	1.946
1101	11.00	3.291	3.570	2.951	1.900	0.946	0.445	0.448	0.713	0.855	0.537
1111	11.10	-0.368	-1.724	-3.192	-4.368	-4.938	-4.777	-3.971	-2.767	-1.473	-0.370
1121	11.20	0.358	0.647	0.540	0.168	-0.291	-0.642	-0.723	-0.441	0.189	1.039
1131	11.30	1.891	2.504	2.688	2.375	1.633	0.640	-0.399	-1.339	-2.145	-2.890
1141	11.40	-3.696	-4.632	-5.659	-6.552	-7.064	-6.925	-6.018	-4.434	-2.470	-0.538
1151	11.50	0.964	1.785	1.881	1.416	0.672	-0.052	-0.547	-0.735	-0.661	-0.443
1161	11.60	-0.207	-0.045	0.002	-0.072	-0.253	-0.515	-0.807	-1.052	-1.138	-0.947
1171	11.70	-0.406	0.451	1.458	2.339	2.783	2.561	1.638	0.217	-1.283	-2.351
1181	11.80	-2.547	-1.658	0.217	2.683	5.161	7.073	8.011	7.859	6.805	5.262
1191	11.90	3.726	2.616	2.156	2.332	2.927	3.615	4.078	4.108	3.658	2.845
1201	12.00	1.890	1.041	0.484	0.286	0.374	0.564	0.632	0.394	-0.225	-1.158
1211	12.10	-2.214	-3.139	-3.704	-3.778	-3.369	-2.613	-1.718	-0.888	-0.253	0.160
1221	12.20	0.414	0.619	0.870	1.206	1.595	1.947	2.150	2.103	1.745	1.066
1231	12.30	0.113	-1.000	-2.099	-2.957	-3.337	-3.049	-2.025	-0.378	1.604	3.512
1241	12.40	4.947	5.656	5.638	5.152	4.626	4.481	4.953	5.973	7.182	8.061
1251	12.50	8.144	7.224	5.453	3.303	1.398	0.281	0.216	1.098	2.512	3.901
1261	12.60	4.781	4.899	4.300	3.254	2.122	1.194	0.586	0.224	-0.085	-0.535
1271	12.70	-1.210	-2.028	-2.758	-3.094	-2.775	-1.676	0.122	2.338	4.543	6.260
1281	12.80	7.081	6.772	5.339	3.042	0.333	-2.247	-4.213	-5.260	-5.341	-4.664
1291	12.90	-3.612	-2.599	-1.935	-1.723	-1.853	-2.065	-2.082	-1.739	-1.055	-0.233
1301	13.00	0.426	0.657	0.342	-0.439	-1.430	-2.305	-2.788	-2.749	-2.241	-1.459
1311	13.10	-0.653	-0.035	0.280	0.278	0.013	-0.451	-1.077	-1.851	-2.756	-3.729
1321	13.20	-4.642	-5.322	-5.606	-5.404	-4.740	-3.744	-2.601	-1.474	-0.451	0.469
1331	13.30	1.334	2.167	2.908	3.393	3.413	2.807	1.559	-0.151	-1.977	-3.507
1341	13.40	-4.401	-4.507	-3.901	-2.841	-1.653	-0.602	0.195	0.772	1.252	1.737
1351	13.50	2.226	2.592	2.634	2.186	1.224	-0.080	-1.388	-2.307	-2.526	-1.946
1361	13.60	-0.717	0.796	2.138	2.912	2.893	2.089	0.707	-0.921	-2.452	-3.614
1371	13.70	-4.247	-4.309	-3.842	-2.939	-1.720	-0.324	1.094	2.369	3.343	3.897
1381	13.80	3.976	3.598	2.840	1.817	0.645	-0.572	-1.745	-2.786	-3.608	-4.133
1391	13.90	-4.326	-4.231	-3.987	-3.801	-3.873	-4.297	-4.993	-5.691	-6.008	-5.600
1401	14.00	-4.316	-2.305	-0.013	1.949	3.015	2.876	1.610	-0.336	-2.297	-3.625
1411	14.10	-3.920	-3.151	-1.654	0.016	1.284	1.755	1.317	0.152	-1.363	-2.791
1421	14.20	-3.766	-4.081	-3.715	-2.814	-1.635	-0.481	0.367	0.717	0.513	-0.145
1431	14.30	-1.020	-1.804	-2.210	-2.072	-1.398	-0.371	0.725	1.612	2.123	2.256
1441	14.40	2.161	2.058	2.139	2.478	3.010	3.566	3.953	4.036	3.786	3.287
1451	14.50	2.685	2.134	1.742	1.553	1.548	1.669	1.840	1.978	1.999	1.829
1461	14.60	1.423	0.795	0.040	-0.665	-1.099	-1.059	-0.441	0.706	2.173	3.637
1471	14.70	4.751	5.247	5.018	4.145	2.871	1.522	0.411	-0.248	-0.388	-0.093
1481	14.80	0.433	0.937	1.182	1.011	0.381	-0.630	-1.851	-3.059	-4.036	-4.612
1491	14.90	-4.700	-4.300	-3.482	-2.365	-1.086	0.218	1.419	2.402	3.067	3.336

Table 7-25-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1217 713-GR-1-3 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -50.577 (GAL) T= 2.31 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	3.169	2.582	1.652	0.510	-0.689	-1.799	-2.718	-3.410	-3.895	-4.221
1511	15.10	-4.429	-4.523	-4.458	-4.160	-3.565	-2.664	-1.529	-0.310	0.796	1.602
1521	15.20	1.988	1.941	1.551	0.981	0.407	-0.046	-0.333	-0.497	-0.628	-0.805
1531	15.30	-1.049	-1.295	-1.409	-1.237	-0.662	0.338	1.679	3.180	4.618	5.774
1541	15.40	6.489	6.684	6.364	5.610	4.556	3.372	2.241	1.339	0.793	0.654
1551	15.50	0.872	1.304	1.753	2.030	2.026	1.749	1.320	0.921	0.705	0.729
1561	15.60	0.922	1.121	1.152	0.933	0.532	0.163	0.099	0.544	1.514	2.785
1571	15.70	3.933	4.475	4.036	2.511	0.125	-2.610	-5.046	-6.596	-6.914	-5.994
1581	15.80	-4.163	-1.968	-0.010	1.228	1.502	0.854	-0.429	-1.908	-3.116	-3.670
1591	15.90	-3.359	-2.181	-0.340	1.802	3.798	5.219	5.751	5.274	3.906	1.988
1601	16.00	0.002	-1.544	-2.258	-1.974	-0.799	0.912	2.660	3.946	4.410	3.922
1611	16.10	2.608	0.790	-1.115	-2.707	-3.701	-3.973	-3.562	-2.637	-1.441	-0.247
1621	16.20	0.692	1.176	1.089	0.418	-0.734	-2.162	-3.597	-4.763	-5.448	-5.547
1631	16.30	-5.087	-4.205	-3.103	-1.983	-1.002	-0.250	0.246	0.497	0.530	0.369
1641	16.40	0.039	-0.425	-0.971	-1.529	-2.031	-2.421	-2.674	-2.788	-2.778	-2.654
1651	16.50	-2.411	-2.036	-1.522	-0.887	-0.189	0.484	1.035	1.393	1.540	1.521
1661	16.60	1.431	1.383	1.471	1.739	2.164	2.662	3.110	3.377	3.363	3.032
1671	16.70	2.430	1.687	0.997	0.567	0.557	1.020	1.867	2.870	3.719	4.106
1681	16.80	3.825	2.838	1.303	-0.473	-2.119	-3.308	-3.849	-3.731	-3.111	-2.261
1691	16.90	-1.480	-1.012	-0.981	-1.372	-2.036	-2.735	-3.208	-3.236	-2.712	-1.672
1701	17.00	-0.301	1.106	2.217	2.754	2.576	1.716	0.382	-1.106	-2.415	-3.268
1711	17.10	-3.531	-3.226	-2.504	-1.590	-0.721	-0.091	0.183	0.070	-0.390	-1.095
1721	17.20	-1.908	-2.680	-3.274	-3.587	-3.572	-3.245	-2.673	-1.958	-1.203	-0.486
1731	17.30	0.149	0.700	1.183	1.623	2.036	2.425	2.763	3.030	3.183	3.176
1741	17.40	2.959	2.492	1.757	0.775	-0.381	-1.595	-2.726	-3.639	-4.236	-4.480
1751	17.50	-4.397	-4.059	-3.559	-2.981	-2.378	-1.757	-1.087	-0.301	0.671	1.885
1761	17.60	3.344	4.975	6.614	8.026	8.955	9.192	8.658	7.452	5.844	4.217
1771	17.70	2.954	2.318	2.370	2.950	3.739	4.366	4.533	4.096	3.093	1.699
1781	17.80	0.151	-1.329	-2.582	-3.520	-4.104	-4.317	-4.153	-3.634	-2.824	-1.847
1791	17.90	-0.870	-0.057	0.477	0.707	0.691	0.532	0.314	0.053	-0.312	-0.880
1801	18.00	-1.721	-2.812	-4.008	-5.081	-5.803	-6.035	-5.794	-5.249	-4.648	-4.207
1811	18.10	-4.013	-3.976	-3.864	-3.405	-2.413	-0.889	0.954	2.746	4.079	4.656
1821	18.20	4.387	3.423	2.108	0.862	0.054	-0.105	0.392	1.374	2.559	3.647
1831	18.30	4.404	4.703	4.531	3.966	3.140	2.202	1.308	0.601	0.213	0.245
1841	18.40	0.746	1.686	2.935	4.268	5.399	6.041	5.983	5.153	3.655	1.752
1851	18.50	-0.184	-1.764	-2.677	-2.768	-2.077	-0.827	0.637	1.936	2.751	2.902
1861	18.60	2.382	1.368	0.068	-1.164	-2.105	-2.624	-2.721	-2.503	-2.135	-1.772
1871	18.70	-1.515	-1.389	-1.360	-1.369	-1.368	-1.343	-1.309	-1.289	-1.283	-1.259
1881	18.80	-1.160	-0.935	-0.583	-0.168	0.180	0.310	0.105	-0.463	-1.312	-2.265
1891	18.90	-3.101	-3.631	-3.747	-3.459	-2.873	-2.159	-1.493	-1.015	-0.805	-0.880
1901	19.00	-1.205	-1.701	-2.263	-2.767	-3.086	-3.114	-2.802	-2.176	-1.353	-0.498
1911	19.10	0.206	0.630	0.741	0.612	0.397	0.261	0.321	0.597	1.010	1.417
1921	19.20	1.672	1.682	1.432	0.983	0.436	-0.104	-0.562	-0.889	-1.052	-1.019
1931	19.30	-0.748	-0.212	0.582	1.559	2.575	3.438	3.956	3.991	3.503	2.556
1941	19.40	1.307	-0.033	-1.246	-2.139	-2.570	-2.469	-1.845	-0.801	0.465	1.682
1951	19.50	2.552	2.822	2.359	1.208	-0.410	-2.147	-3.629	-4.563	-4.829	-4.498
1961	19.60	-3.802	-3.040	-2.479	-2.271	-2.420	-2.802	-3.222	-3.487	-3.460	-3.097
1971	19.70	-2.447	-1.631	-0.805	-0.122	0.312	0.458	0.359	0.132	-0.073	-0.113
1981	19.80	0.091	0.528	1.094	1.631	1.985	2.058	1.841	1.405	0.865	0.323
1991	19.90	-0.159	-0.571	-0.929	-1.232	-1.443	-1.490	-1.307	-0.876	-0.264	0.387

Table 7-25-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1217 713-GR-1-3 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -50.577 (GAL) T= 2.31 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.910	1.188	1.210	1.087	1.008	1.151	1.593	2.248	2.887	3.213
2011	20.10	2.979	2.092	0.670	-0.986	-2.477	-3.440	-3.653	-3.105	-1.987	-0.629
2021	20.20	0.601	1.400	1.603	1.217	0.407	-0.558	-1.373	-1.779	-1.620	-0.882
2031	20.30	0.305	1.706	3.042	4.066	4.621	4.670	4.291	3.637	2.873	2.133
2041	20.40	1.489	0.954	0.512	0.149	-0.127	-0.288	-0.309	-0.191	0.018	0.231
2051	20.50	0.359	0.347	0.211	0.042	-0.027	0.130	0.570	1.244	2.007	2.658
2061	20.60	3.014	2.978	2.580	1.962	1.327	0.862	0.660	0.687	0.797	0.783
2071	20.70	0.465	-0.245	-1.297	-2.518	-3.657	-4.455	-4.723	-4.379	-3.469	-2.149
2081	20.80	-0.639	0.818	2.014	2.805	3.142	3.074	2.735	2.312	1.997	1.936
2091	20.90	2.190	2.715	3.377	3.991	4.377	4.412	4.059	3.370	2.461	1.476
2101	21.00	0.556	-0.188	-0.677	-0.864	-0.729	-0.285	0.415	1.274	2.164	2.944
2111	21.10	3.501	3.780	3.803	3.656	3.455	3.303	3.249	3.276	3.311	3.263
2121	21.20	3.060	2.676	2.140	1.517	0.883	0.302	-0.188	-0.570	-0.842	-1.005
2131	21.30	-1.064	-1.027	-0.917	-0.770	-0.622	-0.496	-0.376	-0.225	0.022	0.415
2141	21.40	0.961	1.602	2.224	2.681	2.863	2.635	2.063	1.204	0.180	-0.877
2151	21.50	-1.859	-2.695	-3.343	-3.772	-3.956	-3.870	-3.511	-2.920	-2.193	-1.471
2161	21.60	-0.906	-0.610	-0.614	-0.851	-1.173	-1.406	-1.409	-1.131	-0.626	-0.038
2171	21.70	0.452	0.683	0.560	0.080	-0.678	-1.581	-2.478	-3.231	-3.737	-3.945
2181	21.80	-3.860	-3.546	-3.117	-2.715	-2.473	-2.470	-2.699	-3.049	-3.338	-3.363
2191	21.90	-2.980	-2.166	-1.045	0.132	1.056	1.453	1.169	0.222	-1.200	-2.782
2201	22.00	-4.165	-5.036	-5.207	-4.664	-3.569	-2.233	-1.034	-0.330	-0.358	-1.167
2211	22.10	-2.592	-4.297	-5.865	-6.912	-7.220	-6.779	-5.791	-4.598	-3.569	-2.990
2221	22.20	-2.991	-3.536	-4.452	-5.503	-6.451	-7.109	-7.368	-7.201	-6.665	-5.890
2231	22.30	-5.062	-4.385	-4.025	-4.056	-4.427	-4.976	-5.488	-5.797	-5.864	-5.804
2241	22.40	-5.841	-6.179	-6.879	-7.766	-8.455	-8.473	-7.448	-5.286	-2.244	1.130

Table 7-26-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1218 713-GR-1-3 U-D (U-D) YOSHIDAGAWA EHB. MAX. ACC. = -20.127 (GAL) T= 0.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-6.183	-8.026	-8.805	-8.918	-8.803	-8.701	-8.566	-8.172	-7.328	-6.079
11	0.10	-4.760	-3.866	-3.794	-4.619	-6.025	-7.453	-8.405	-8.727	-8.731	-9.054
21	0.20	-10.309	-12.700	-15.807	-18.664	-20.127	-19.366	-16.264	-11.512	-6.359	-2.119
31	0.30	0.342	0.904	0.143	-1.010	-1.748	-1.751	-1.275	-0.940	-1.342	-2.687
41	0.40	-4.654	-6.530	-7.567	-7.363	-6.083	-4.398	-3.185	-3.119	-4.360	-6.475
51	0.50	-8.637	-9.985	-10.006	-8.736	-6.714	-4.720	-3.408	-3.019	-3.285	-3.565
61	0.60	-3.148	-1.589	1.064	4.240	7.031	8.516	8.099	5.747	2.020	-2.089
71	0.70	-5.469	-7.251	-7.075	-5.195	-2.381	0.351	2.064	2.190	0.673	-2.062
81	0.80	-5.266	-8.211	-10.207	-10.917	-10.269	-8.402	-5.577	-2.126	1.552	4.991
91	0.90	7.681	9.162	9.177	7.797	5.464	2.882	0.763	-0.360	-0.524	-0.145
101	1.00	0.079	-0.464	-1.989	-4.156	-6.177	-7.138	-6.401	-3.908	-0.231	3.632
111	1.10	6.651	8.141	7.976	6.551	4.538	2.568	0.992	-0.155	-1.028	-1.752
121	1.20	-2.266	-2.325	-1.655	-0.178	1.826	3.729	4.760	4.312	2.222	-1.102
131	1.30	-4.788	-7.778	-9.179	-8.550	-6.012	-2.184	2.037	5.737	8.229	9.192
141	1.40	8.713	7.225	5.369	3.812	3.042	3.208	4.052	4.974	5.240	4.281
151	1.50	1.955	-1.328	-4.708	-7.179	-7.990	-6.959	-4.558	-1.707	0.634	1.897
161	1.60	2.157	2.064	2.486	4.015	6.597	9.445	11.337	11.142	8.368	3.464
171	1.70	-2.274	-7.148	-9.691	-9.192	-5.931	-1.013	4.082	8.037	10.102	10.216
181	1.80	8.857	6.730	4.464	2.443	0.818	-0.373	-1.072	-1.161	-0.524	0.822
191	1.90	2.636	4.461	5.758	6.105	5.371	3.773	1.794	-0.002	-1.172	-1.529
201	2.00	-1.154	-0.298	0.751	1.778	2.675	3.396	3.885	4.035	3.702	2.791
211	2.10	1.346	-0.395	-2.037	-3.141	-3.377	-2.653	-1.156	0.700	2.414	3.558
221	2.20	3.696	3.431	2.366	1.005	-0.350	-1.488	-2.317	-2.853	-3.177	-3.380
231	2.30	-3.519	-3.587	-3.506	-3.137	-2.316	-0.906	1.133	3.688	6.464	9.000
241	2.40	10.761	11.263	10.219	7.653	3.923	-0.340	-4.388	-7.548	-9.394	-9.832
251	2.50	-9.082	-7.554	-5.678	-3.754	-1.876	0.026	2.070	4.273	6.443	8.190
261	2.60	9.041	8.634	6.899	4.145	0.997	-1.800	-3.645	-4.297	-3.951	-3.142
271	2.70	-2.500	-2.474	-3.137	-4.154	-4.940	-4.921	-3.798	-1.683	0.932	3.366
281	2.80	4.998	5.473	4.782	3.197	1.124	-1.049	-3.035	-4.641	-5.712	-6.080
291	2.90	-5.591	-4.195	-2.050	0.423	2.617	3.927	3.989	2.857	1.023	-0.754
301	3.00	-1.740	-1.530	-0.224	1.618	3.204	3.846	3.235	1.558	-0.604	-2.536
311	3.10	-3.675	-3.826	-3.191	-2.244	-1.509	-1.346	-1.839	-2.807	-3.916	-4.819
321	3.20	-5.272	-5.168	-4.516	-3.382	-1.843	0.021	2.112	4.279	6.294	7.872
331	3.30	8.709	8.547	7.246	4.831	1.525	-2.260	-5.973	-9.010	-10.831	-11.091
341	3.40	-9.729	-7.010	-3.475	0.181	3.277	5.303	6.023	5.494	4.004	1.967
351	3.50	-0.186	-2.089	-3.481	-4.207	-4.215	-3.538	-2.294	-0.670	1.104	2.796
361	3.60	4.215	5.239	5.809	5.899	5.473	4.473	2.838	0.566	-2.216	-5.217
371	3.70	-8.005	-10.105	-11.130	-10.899	-9.496	-7.239	-4.571	-1.929	0.366	2.163
381	3.80	3.447	4.277	4.701	4.718	4.282	3.353	1.961	0.244	-1.545	-3.084
391	3.90	-4.060	-4.253	-3.607	-2.267	-0.560	1.070	2.169	2.409	1.688	0.192
401	4.00	-1.645	-3.255	-4.125	-3.969	-2.842	-1.134	0.564	1.665	1.802	0.962
411	4.10	-0.515	-2.067	-3.113	-3.268	-2.460	-0.935	0.850	2.397	3.323	3.455
421	4.20	2.835	1.661	0.188	-1.365	-2.763	-3.950	-4.830	-5.338	-5.540	-5.001
431	4.30	-4.105	-2.787	-1.185	0.502	2.046	3.240	3.942	4.101	3.764	3.057
441	4.40	2.145	1.191	0.326	-0.369	-0.843	-1.059	-0.976	-0.551	0.235	1.332
451	4.50	2.595	3.787	4.627	4.870	4.392	3.238	1.614	-0.181	-1.843	-3.147
461	4.60	-3.982	-4.328	-4.204	-3.617	-2.556	-1.034	0.845	2.837	4.570	5.639
471	4.70	5.737	4.788	3.001	0.819	-1.223	-2.682	-3.342	-3.259	-2.692	-1.957
481	4.80	-1.288	-0.752	-0.268	0.298	1.024	1.853	2.607	3.073	3.107	2.722
491	4.90	2.081	1.428	0.968	0.771	0.747	0.703	0.453	-0.070	-0.766	-1.401

Table 7-26-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1218 713-GR-1-3 U-D (U-D) YOSHIDAGAWA EHB. MAX. ACC. = -20.127 (GAL) T= 0.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-1.716	-1.554	-0.951	-0.136	0.551	0.798	0.457	-0.384	-1.418	-2.229
511	5.10	-2.434	-1.832	-0.472	1.344	3.156	4.478	4.946	4.418	3.018	1.105
521	5.20	-0.826	-2.277	-2.885	-2.523	-1.348	0.242	1.711	2.552	2.443	1.362
531	5.30	-0.385	-2.253	-3.628	-4.028	-3.278	-1.580	0.544	2.423	3.466	3.363
541	5.40	2.186	0.356	-1.508	-2.804	-3.137	-2.422	-0.874	1.102	3.062	4.649
551	5.50	5.657	6.023	5.778	4.997	3.784	2.277	0.677	-0.762	-1.788	-2.236
561	5.60	-2.114	-1.632	-1.138	-0.988	-1.380	-2.245	-3.248	-3.906	-3.794	-2.736
571	5.70	-0.910	1.204	2.995	3.967	3.923	3.039	1.767	0.644	0.064	0.134
581	5.80	0.657	1.257	1.557	1.351	0.684	-0.194	-0.951	-1.326	-1.230	-0.761
591	5.90	-0.133	0.437	0.822	1.023	1.137	1.278	1.503	1.772	1.962	1.934
601	6.00	1.603	0.985	0.199	-0.577	-1.181	-1.527	-1.627	-1.578	-1.501	-1.481
611	6.10	-1.517	-1.521	-1.354	-0.900	-0.127	0.866	1.866	2.604	2.850	2.501
621	6.20	1.625	0.451	-0.711	-1.578	-1.990	-1.959	-1.643	-1.264	-1.001	-0.910
631	6.30	-0.908	-0.827	-0.519	0.052	0.759	1.356	1.578	1.272	0.481	-0.540
641	6.40	-1.414	-1.780	-1.446	-0.465	0.873	2.144	2.945	3.035	2.416	1.323
651	6.50	0.138	-0.734	-0.989	-0.501	0.649	2.202	3.783	4.985	5.460	5.001
661	6.60	3.608	1.508	-0.877	-3.026	-4.457	-4.876	-4.275	-2.940	-1.363	-0.072
671	6.70	0.558	0.430	-0.254	-1.085	-1.628	-1.590	-0.933	0.134	1.269	2.146
681	6.80	2.594	2.640	2.456	2.237	2.082	1.937	1.623	0.956	-0.135	-1.521
691	6.90	-2.894	-3.873	-4.163	-3.688	-2.631	-1.372	-0.335	0.180	0.114	-0.338
701	7.00	-0.826	-0.997	-0.648	0.185	1.255	2.201	2.698	2.575	1.870	0.792
711	7.10	-0.369	-1.349	-1.992	-2.268	-2.238	-1.994	-1.611	-1.126	-0.569	0.005
721	7.20	0.482	0.700	0.501	-0.198	-1.339	-2.710	-3.990	-4.841	-5.015	-4.430
731	7.30	-3.189	-1.530	0.259	1.932	3.334	4.401	5.108	5.419	5.253	4.506
741	7.40	3.112	1.123	-1.254	-3.672	-5.724	-7.063	-7.510	-7.106	-6.082	-4.780
751	7.50	-3.524	-2.531	-1.863	-1.444	-1.127	-0.758	-0.241	0.447	1.263	2.115
761	7.60	2.887	3.456	3.699	3.525	2.903	1.895	0.666	-0.542	-1.473	-1.943
771	7.70	-1.911	-1.504	-0.972	-0.599	-0.587	-0.976	-1.629	-2.288	-2.671	-2.588
781	7.80	-2.007	-1.060	0.009	0.930	1.492	1.591	1.245	0.561	-0.297	-1.157
791	7.90	-1.867	-2.317	-2.454	-2.285	-1.884	-1.363	-0.848	-0.434	-0.157	0.021
801	8.00	0.184	0.424	0.784	1.230	1.669	1.884	1.787	1.278	0.376	-0.803
811	8.10	-2.066	-3.196	-3.989	-4.304	-4.083	-3.370	-2.307	-1.109	-0.015	0.769
821	8.20	1.135	1.114	0.867	0.633	0.638	1.001	1.684	2.494	3.154	3.414
831	8.30	3.143	2.386	1.343	0.294	-0.505	-0.902	-0.898	-0.623	-0.284	-0.093
841	8.40	-0.208	-0.691	-1.498	-2.487	-3.441	-4.114	-4.283	-3.814	-2.717	-1.160
851	8.50	0.562	2.118	3.250	3.860	4.038	4.002	3.976	4.066	4.183	4.074
861	8.60	3.446	2.127	0.203	-1.961	-3.822	-4.857	-4.767	-3.607	-1.767	0.169
871	8.70	1.642	2.312	2.152	1.403	0.461	-0.339	-0.799	-0.904	-0.759	-0.486
881	8.80	-0.149	0.269	0.818	1.511	2.277	2.970	3.436	3.599	3.507	3.314
891	8.90	3.192	3.223	3.324	3.255	2.717	1.512	-0.332	-2.510	-4.516	-5.814
901	9.00	-6.033	-5.119	-3.352	-1.249	0.630	1.872	2.341	2.182	1.721	1.302
911	9.10	1.148	1.288	1.584	1.825	1.845	1.602	1.189	0.784	0.560	0.608
921	9.20	0.905	1.327	1.710	1.911	1.853	1.539	1.035	0.442	-0.131	-0.585
931	9.30	-0.844	-0.855	-0.610	-0.144	0.455	1.069	1.580	1.910	2.050	2.053
941	9.40	2.009	1.994	2.029	2.069	2.027	1.825	1.440	0.929	0.410	0.010
951	9.50	-0.191	-0.192	-0.059	0.118	0.281	0.440	0.662	1.019	1.529	2.116
961	9.60	2.618	2.858	2.718	2.206	1.459	0.685	0.069	-0.313	-0.523	-0.709
971	9.70	-1.018	-1.483	-1.988	-2.294	-2.155	-1.452	-0.289	1.011	2.007	2.313
981	9.80	1.759	0.488	-1.081	-2.394	-2.960	-2.534	-1.207	0.631	2.423	3.644
991	9.90	3.964	3.342	2.011	0.378	-1.123	-2.167	-2.613	-2.516	-2.068	-1.513

Table 7-26-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1218 713-GR-1-3 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -20.127 (GAL) T= 0.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-1.060	-0.825	-0.821	-0.985	-1.212	-1.407	-1.498	-1.451	-1.247	-0.878
1011	10.10	-0.333	0.386	1.245	2.165	3.008	3.600	3.767	3.392	2.469	1.084
1021	10.20	-0.506	-2.009	-3.120	-3.608	-3.381	-2.507	-1.205	0.207	1.393	2.080
1031	10.30	2.127	1.564	0.578	-0.532	-1.444	-1.899	-1.779	-1.137	-0.177	0.809
1041	10.40	1.534	1.810	1.599	1.022	0.302	-0.318	-0.667	-0.707	-0.543	-0.375
1051	10.50	-0.417	-0.801	-1.522	-2.425	-3.256	-3.751	-3.734	-3.185	-2.249	-1.190
1061	10.60	-0.293	0.233	0.333	0.115	-0.199	-0.366	-0.230	0.221	0.844	1.410
1071	10.70	1.696	1.586	1.117	0.463	-0.146	-0.521	-0.599	-0.462	-0.293	-0.286
1081	10.80	-0.552	-1.066	-1.685	-2.216	-2.513	-2.537	-2.365	-2.133	-1.947	-1.814
1091	10.90	-1.631	-1.248	-0.575	0.325	1.208	1.711	1.503	0.442	-1.324	-3.365
1101	11.00	-5.107	-6.036	-5.893	-4.773	-3.081	-1.363	-0.088	0.527	0.578	0.388
1111	11.10	0.331	0.634	1.272	1.976	2.367	2.143	1.229	-0.173	-1.660	-2.793
1121	11.20	-3.269	-3.036	-2.294	-1.397	-0.706	-0.447	-0.650	-1.163	-1.740	-2.151
1131	11.30	-2.264	-2.075	-1.690	-1.269	-0.967	-0.832	-1.035	-1.370	-1.766	-2.072
1141	11.40	-2.147	-1.906	-1.361	-0.632	0.077	0.545	0.618	0.283	-0.310	-0.898
1151	11.50	-1.207	-1.072	-0.523	0.218	0.818	0.976	0.552	-0.367	-1.510	-2.538
1161	11.60	-3.193	-3.402	-3.286	-3.080	-2.992	-3.094	-3.274	-3.304	-2.963	-2.174
1171	11.70	-1.067	0.057	0.848	1.069	0.705	-0.021	-0.740	-1.090	-0.868	-0.100
1181	11.80	0.983	2.061	2.863	3.270	3.336	3.221	3.086	2.996	2.887	2.615
1191	11.90	2.049	1.172	0.123	-0.829	-1.385	-1.337	-0.660	0.474	1.750	2.828
1201	12.00	3.462	3.579	3.280	2.785	2.331	2.089	2.109	2.329	2.621	2.859
1211	12.10	2.963	2.920	2.768	2.561	2.346	2.137	1.934	1.726	1.516	1.322
1221	12.20	1.170	1.081	1.065	1.118	1.227	1.382	1.576	1.795	2.018	2.209
1231	12.30	2.327	2.347	2.278	2.171	2.105	2.155	2.351	2.657	2.976	3.189
1241	12.40	3.201	2.993	2.628	2.225	1.906	1.744	1.726	1.772	1.777	1.663
1251	12.50	1.416	1.084	0.741	0.441	0.193	-0.035	-0.276	-0.516	-0.678	-0.643
1261	12.60	-0.317	0.298	1.066	1.742	2.061	1.859	1.159	0.192	-0.686	-1.132
1271	12.70	-0.963	-0.241	0.749	1.616	2.028	1.850	1.200	0.387	-0.230	-0.393
1281	12.80	-0.055	0.617	1.327	1.782	1.817	1.445	0.825	0.174	-0.337	-0.645
1291	12.90	-0.789	-0.856	-0.911	-0.945	-0.886	-0.647	-0.196	0.401	0.989	1.382
1301	13.00	1.447	1.163	0.634	0.037	-0.461	-0.783	-0.972	-1.159	-1.483	-1.996
1311	13.10	-2.618	-3.144	-3.333	-3.016	-2.195	-1.063	0.042	0.758	0.836	0.239
1321	13.20	-0.837	-2.025	-2.912	-3.176	-2.690	-1.555	-0.052	1.454	2.630	3.273
1331	13.30	3.352	2.995	2.428	1.889	1.552	1.470	1.578	1.723	1.733	1.481
1341	13.40	0.942	0.196	-0.599	-1.271	-1.704	-1.879	-1.877	-1.839	-1.896	-2.106
1351	13.50	-2.429	-2.748	-2.928	-2.888	-2.652	-2.344	-2.138	-2.178	-2.508	-3.045
1361	13.60	-3.604	-3.971	-3.989	-3.613	-2.922	-2.081	-1.274	-0.643	-0.255	-0.104
1371	13.70	-0.143	-0.318	-0.588	-0.925	-1.297	-1.660	-1.957	-2.143	-2.202	-2.168
1381	13.80	-2.107	-2.088	-2.144	-2.250	-2.329	-2.296	-2.104	-1.782	-1.437	-1.212
1391	13.90	-1.217	-1.471	-1.872	-2.225	-2.314	-1.986	-1.229	-0.188	0.870	1.644
1401	14.00	1.898	1.539	0.655	-0.525	-1.698	-2.587	-3.022	-2.981	-2.582	-2.025
1411	14.10	-1.519	-1.206	-1.118	-1.171	-1.206	-1.048	-0.574	0.240	1.307	2.451
1421	14.20	3.458	4.133	4.358	4.113	3.486	2.640	1.771	1.056	0.603	0.426
1431	14.30	0.444	0.510	0.465	0.197	-0.315	-0.983	-1.640	-2.098	-2.223	-1.986
1441	14.40	-1.480	-0.878	-0.365	-0.061	0.027	-0.000	0.011	0.191	0.579	1.107
1451	14.50	1.625	1.972	2.044	1.837	1.434	0.962	0.538	0.219	0.010	-0.116
1461	14.60	-0.182	-0.180	-0.091	0.085	0.295	0.423	0.329	-0.085	-0.814	-1.721
1471	14.70	-2.566	-3.095	-3.135	-2.672	-1.856	-0.950	-0.220	0.162	0.180	-0.039
1481	14.80	-0.283	-0.353	-0.133	0.371	1.054	1.757	2.334	2.687	2.792	2.683
1491	14.90	2.433	2.127	1.838	1.615	1.467	1.364	1.247	1.056	0.762	0.397

Table 7-26-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1218 713-GR-1-3 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -20.127 (GAL) T= 0.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	0.059	-0.110	0.009	0.457	1.145	1.872	2.379	2.458	2.041	1.249
1511	15.10	0.364	-0.268	-0.362	0.194	1.298	2.665	3.935	4.784	5.030	4.658
1521	15.20	3.802	2.673	1.487	0.409	-0.458	-1.069	-1.415	-1.510	-1.390	-1.119
1531	15.30	-0.787	-0.487	-0.288	-0.203	-0.179	-0.113	0.104	0.535	1.157	1.861
1541	15.40	2.481	2.853	2.876	2.545	1.954	1.259	0.624	0.164	-0.081	-0.145
1551	15.50	-0.108	-0.056	-0.040	-0.065	-0.101	-0.108	-0.073	-0.033	-0.068	-0.272
1561	15.60	-0.713	-1.380	-2.175	-2.919	-3.411	-3.497	-3.127	-2.391	-1.488	-0.667
1571	15.70	-0.135	0.011	-0.185	-0.562	-0.912	-1.064	-0.947	-0.606	-0.165	0.238
1581	15.80	0.514	0.665	0.768	0.931	1.228	1.660	2.142	2.542	2.731	2.637
1591	15.90	2.268	1.703	1.056	0.431	-0.107	-0.533	-0.847	-1.047	-1.118	-1.033
1601	16.00	-0.776	-0.374	0.096	0.509	0.732	0.663	0.277	-0.357	-1.092	-1.740
1611	16.10	-2.125	-2.135	-1.749	-1.042	-0.165	0.699	1.374	1.740	1.748	1.437
1621	16.20	0.908	0.299	-0.254	-0.655	-0.863	-0.901	-0.828	-0.718	-0.626	-0.576
1631	16.30	-0.560	-0.555	-0.544	-0.533	-0.543	-0.600	-0.708	-0.836	-0.919	-0.885
1641	16.40	-0.685	-0.329	0.109	0.504	0.723	0.671	0.331	-0.231	-0.887	-1.493
1651	16.50	-1.939	-2.176	-2.225	-2.150	-2.027	-1.904	-1.786	-1.668	-1.456	-1.206
1661	16.60	-0.935	-0.727	-0.686	-0.892	-1.360	-2.017	-2.702	-3.202	-3.310	-2.892
1671	16.70	-1.944	-0.609	0.845	2.088	2.827	2.891	2.291	1.224	0.020	-0.959
1681	16.80	-1.434	-1.285	-0.590	0.416	1.427	2.162	2.459	2.301	1.805	1.158
1691	16.90	0.546	0.093	-0.157	-0.231	-0.190	-0.092	0.033	0.180	0.357	0.562
1701	17.00	0.771	0.936	0.997	0.906	0.636	0.199	-0.359	-0.963	-1.522	-1.944
1711	17.10	-2.155	-2.119	-1.849	-1.404	-0.881	-0.387	-0.005	0.227	0.324	0.345
1721	17.20	0.355	0.399	0.475	0.544	0.547	0.445	0.248	0.021	-0.131	-0.103
1731	17.30	0.164	0.660	1.300	1.946	2.453	2.710	2.670	2.363	1.882	1.354
1741	17.40	0.902	0.617	0.529	0.604	0.757	0.879	0.873	0.688	0.337	-0.104
1751	17.50	-0.534	-0.862	-1.052	-1.136	-1.199	-1.332	-1.585	-1.924	-2.237	-2.375
1761	17.60	-2.219	-1.734	-1.003	-0.193	0.506	0.955	1.122	1.082	0.973	0.918
1771	17.70	0.966	1.066	1.098	0.992	0.546	-0.031	-0.637	-1.086	-1.236	-1.051
1781	17.80	-0.613	-0.082	0.367	0.617	0.643	0.502	0.291	0.092	-0.057	-0.166
1791	17.90	-0.267	-0.373	-0.459	-0.469	-0.344	-0.060	0.347	0.788	1.154	1.368
1801	18.00	1.412	1.342	1.255	1.247	1.366	1.590	1.840	2.012	2.035	1.897
1811	18.10	1.657	1.424	1.304	1.362	1.585	1.883	2.112	2.130	1.838	1.226
1821	18.20	0.378	-0.544	-1.347	-1.865	-2.007	-1.787	-1.316	-0.764	-0.298	-0.026
1831	18.30	0.035	-0.037	-0.113	-0.065	0.179	0.606	1.127	1.616	1.961	2.106
1841	18.40	2.057	1.864	1.584	1.247	0.849	0.362	-0.220	-0.861	-1.469	-1.926
1851	18.50	-2.138	-2.081	-1.828	-1.528	-1.349	-1.406	-1.709	-2.150	-2.546	-2.711
1861	18.60	-2.541	-2.052	-1.380	-0.723	-0.255	-0.060	-0.095	-0.226	-0.261	-0.092
1871	18.70	0.308	0.843	1.345	1.642	1.639	1.358	0.935	0.559	0.399	0.531
1881	18.80	0.900	1.343	1.637	1.604	1.161	0.358	-0.635	-1.590	-2.291	-2.602
1891	18.90	-2.495	-2.048	-1.403	-0.719	-0.128	0.287	0.492	0.490	0.311	-0.004
1901	19.00	-0.396	-0.796	-1.127	-1.322	-1.346	-1.214	-0.995	-0.793	-0.712	-0.821
1911	19.10	-1.124	-1.559	-2.019	-2.385	-2.570	-2.536	-2.298	-1.910	-1.436	-0.935
1921	19.20	-0.454	-0.027	0.314	0.541	0.636	0.599	0.462	0.283	0.129	0.053
1931	19.30	0.073	0.166	0.268	0.322	0.285	0.153	-0.044	-0.260	-0.463	-0.651
1941	19.40	-0.855	-1.115	-1.457	-1.863	-2.268	-2.579	-2.708	-2.610	-2.298	-1.844
1951	19.50	-1.348	-0.897	-0.533	-0.244	0.022	0.321	0.679	1.064	1.394	1.567
1961	19.60	1.506	1.197	0.709	0.177	-0.241	-0.419	-0.306	0.053	0.533	0.968
1971	19.70	1.207	1.159	0.814	0.239	-0.449	-1.117	-1.649	-1.969	-2.048	-1.899
1981	19.80	-1.576	-1.160	-0.745	-0.418	-0.239	-0.220	-0.315	-0.436	-0.476	-0.356
1991	19.90	-0.054	0.382	0.844	1.212	1.393	1.356	1.137	0.811	0.460	0.137

Table 7-26-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1218 713-GR-1-3 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -20.127 (GAL) T= 0.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.139	-0.374	-0.564	-0.683	-0.684	-0.529	-0.231	0.127	0.406	0.466
2011	20.10	0.229	-0.263	-0.847	-1.293	-1.399	-1.080	-0.416	0.380	1.045	1.389
2021	20.20	1.373	1.133	0.911	0.947	1.362	2.100	2.943	3.597	3.813	3.479
2031	20.30	2.656	1.545	0.405	-0.535	-1.141	-1.382	-1.311	-1.011	-0.568	-0.049
2041	20.40	0.487	0.978	1.357	1.565	1.572	1.400	1.120	0.832	0.628	0.560
2051	20.50	0.625	0.776	0.949	1.095	1.199	1.269	1.325	1.370	1.381	1.323
2061	20.60	1.166	0.922	0.647	0.438	0.393	0.574	0.970	1.494	2.008	2.364
2071	20.70	2.461	2.276	1.871	1.375	0.930	0.652	0.594	0.737	1.011	1.325
2081	20.80	1.607	1.820	1.967	2.068	2.136	2.157	2.091	1.889	1.528	1.030
2091	20.90	0.474	-0.024	-0.350	-0.433	-0.276	0.047	0.423	0.739	0.931	1.000
2101	21.00	1.090	1.008	1.078	1.219	1.391	1.524	1.561	1.477	1.300	1.088
2111	21.10	0.915	0.834	0.868	1.008	1.225	1.486	1.759	2.019	2.237	2.381
2121	21.20	2.419	2.333	2.128	1.833	1.498	1.177	0.908	0.705	0.574	0.497
2131	21.30	0.472	0.504	0.597	0.741	0.902	1.022	1.042	0.926	0.685	0.381
2141	21.40	0.100	-0.082	-0.137	-0.099	-0.052	-0.089	-0.266	-0.569	-0.919	-1.202
2151	21.50	-1.324	-1.251	-1.031	-0.774	-0.607	-0.622	-0.837	-1.190	-1.563	-1.825
2161	21.60	-1.878	-1.695	-1.322	-0.867	-0.466	-0.245	-0.284	-0.597	-1.127	-1.765
2171	21.70	-2.379	-2.858	-3.144	-3.247	-3.237	-3.205	-3.223	-3.303	-3.390	-3.388
2181	21.80	-3.210	-2.826	-2.295	-1.743	-1.321	-1.135	-1.204	-1.443	-1.713	-1.879
2191	21.90	-1.878	-1.742	-1.581	-1.521	-1.637	-1.914	-2.252	-2.520	-2.626	-2.566
2201	22.00	-2.439	-2.401	-2.599	-3.100	-3.862	-4.740	-5.547	-6.110	-6.329	-6.195
2211	22.10	-5.782	-5.211	-4.617	-4.122	-3.815	-3.741	-3.896	-4.219	-4.602	-4.913
2221	22.20	-5.032	-4.899	-4.539	-4.060	-3.616	-3.352	-3.349	-3.601	-4.036	-4.554
2231	22.30	-5.083	-5.594	-6.095	-6.586	-7.025	-7.322	-7.376	-7.141	-6.689	-6.210
2241	22.40	-5.951	-6.097	-6.658	-7.405	-7.918	-7.728	-6.501	-4.199	-1.124	2.162

Table 7-27-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1219 713-GR-1-3 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -55.266 (GAL) T= 0.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.095	1.745	5.274	9.390	12.624	13.593	11.391	5.820	-2.628	-12.961
11	0.10	-23.975	-34.505	-43.571	-50.412	-54.453	-55.266	-52.583	-46.374	-36.949	-25.032
21	0.20	-11.755	1.455	13.093	21.847	26.858	27.887	25.360	20.240	13.773	7.164
31	0.30	1.281	-3.515	-7.367	-10.726	-14.057	-17.548	-20.948	-23.611	-24.725	-23.652
41	0.40	-20.223	-14.843	-8.492	-2.227	2.984	6.655	8.858	10.096	11.015	12.093
51	0.50	13.436	14.765	15.587	15.448	14.152	11.840	8.902	5.771	2.718	-0.248
61	0.60	-3.318	-6.685	-10.313	-13.789	-16.365	-17.192	-15.667	-11.750	-6.114	-0.026
71	0.70	5.000	7.678	7.368	4.283	-0.602	-5.881	-10.174	-12.524	-12.599	-10.651
81	0.80	-7.287	-3.192	1.067	5.092	8.559	11.094	12.228	11.492	8.632	3.831
91	0.90	-2.203	-8.369	-13.496	-16.751	-17.927	-17.478	-16.265	-15.118	-14.430	-13.963
101	1.00	-12.988	-10.697	-6.685	-1.269	4.523	9.306	11.880	11.719	9.167	5.271
111	1.10	1.317	-1.685	-3.346	-3.923	-4.023	-4.188	-4.564	-4.837	-4.462	-3.043
121	1.20	-0.665	2.034	4.072	4.557	3.095	0.006	-3.788	-7.121	-9.032	-9.084
131	1.30	-7.420	-4.564	-1.109	2.549	6.271	10.047	13.768	17.066	19.356	20.052
141	1.40	18.873	16.031	12.195	8.210	4.702	1.789	-0.934	-4.108	-8.128	-12.722
151	1.50	-16.818	-18.822	-17.207	-11.185	-1.155	11.276	23.729	33.761	39.575	40.433
161	1.60	36.682	29.419	20.010	9.694	-0.578	-10.081	-18.138	-24.011	-26.978	-26.557
171	1.70	-22.784	-16.351	-8.501	-0.695	5.824	10.370	12.922	13.955	14.106	13.842
181	1.80	13.290	12.298	10.669	8.296	5.475	2.617	0.133	-1.814	-3.393	-4.997
191	1.90	-6.974	-9.347	-11.683	-13.199	-13.077	-10.848	-6.670	-1.357	3.857	7.736
201	2.00	9.440	8.773	6.170	2.482	-1.347	-4.556	-6.702	-7.644	-7.444	-6.263
211	2.10	-4.316	-1.892	0.620	2.760	4.109	4.444	3.869	2.818	1.907	1.671
221	2.20	2.302	3.514	4.627	4.852	3.654	1.050	-2.315	-5.368	-6.992	-6.460
231	2.30	-3.714	0.620	5.477	9.762	12.716	14.113	14.198	13.428	12.178	10.535
241	2.40	8.320	5.290	1.433	-2.821	-6.592	-8.783	-8.462	-5.256	0.430	7.445
251	2.50	14.185	19.037	20.817	19.075	14.177	7.170	-0.514	-7.405	-12.323	-14.622
261	2.60	-14.289	-11.915	-8.501	-5.167	-2.801	-1.762	-1.753	-1.918	-1.190	1.243
271	2.70	5.491	10.760	15.463	17.766	16.146	9.978	-0.059	-12.180	-23.975	-33.105
281	2.80	-37.950	-37.970	-33.691	-26.366	-17.488	-8.349	0.183	7.662	13.860	18.658
291	2.90	21.718	22.699	21.302	17.460	11.470	4.009	-3.962	-11.370	-17.231	-20.815
301	3.00	-21.767	-20.155	-16.455	-11.463	-6.147	-1.449	1.909	3.572	3.601	2.411
311	3.10	0.612	-1.171	-2.440	-2.886	-2.355	-0.777	1.883	5.621	10.310	15.606
321	3.20	20.893	25.331	28.000	28.129	25.298	19.563	11.466	1.928	-7.924	-16.934
331	3.30	-24.067	-28.524	-29.826	-27.883	-23.049	-16.108	-8.186	-0.558	5.615	9.551
341	3.40	11.018	10.356	8.337	5.898	3.859	2.712	2.544	3.107	3.975	4.713
351	3.50	5.005	4.701	3.801	2.406	0.676	-1.188	-2.961	-4.426	-5.432	-5.966
361	3.60	-6.205	-6.506	-7.307	-8.962	-11.554	-14.771	-17.912	-20.024	-20.174	-17.742
371	3.70	-12.655	-5.467	2.735	10.588	16.794	20.421	21.107	19.089	15.077	10.020
381	3.80	4.845	0.256	-3.369	-5.957	-7.639	-8.609	-9.009	-8.884	-8.205	-6.947
391	3.90	-5.174	-3.090	-1.021	0.671	1.702	1.974	1.623	0.972	0.408	0.224
401	4.00	0.489	1.006	1.391	1.248	0.378	-1.076	-2.614	-3.525	-3.157	-1.211
411	4.10	2.065	5.871	9.075	10.569	9.671	6.335	1.439	-3.923	-8.333	-10.715
421	4.20	-10.594	-8.186	-4.261	0.154	4.101	6.944	8.464	8.815	8.366	7.541
431	4.30	6.487	6.022	5.627	5.488	5.517	5.582	5.520	5.166	4.389	3.140
441	4.40	1.478	-0.426	-2.324	-3.940	-5.035	-5.454	-5.153	-4.208	-2.807	-1.230
451	4.50	0.200	1.187	1.548	1.298	0.683	0.138	0.155	1.103	3.052	5.689
461	4.60	8.364	10.261	10.655	9.132	5.722	0.881	-4.654	-10.057	-14.595	-17.727
471	4.70	-19.126	-18.650	-16.324	-12.346	-7.128	-1.315	4.264	8.734	11.368	11.786
481	4.80	10.066	6.725	2.560	-1.572	-4.276	-7.256	-8.332	-8.359	-7.609	-6.357
491	4.90	-4.816	-3.123	-1.351	0.470	2.342	4.280	6.272	8.233	9.947	11.059

Table 7-27-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1219 713-GR-1-3 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -55.266 (GAL) T= 0.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	11.130	9.769	6.800	2.403	-2.846	-8.064	-12.262	-14.605	-14.625	-12.333
511	5.10	-8.191	-2.970	2.450	7.269	10.889	12.977	13.448	12.424	10.172	7.034
521	5.20	3.373	-0.470	-4.198	-7.533	-10.171	-11.741	-11.802	-9.934	-5.911	0.093
531	5.30	7.346	14.567	20.138	22.507	20.668	14.540	5.104	-5.782	-15.856	-23.050
541	5.40	-26.033	-24.497	-19.142	-11.370	-2.845	4.931	10.899	14.531	15.761	14.858
551	5.50	12.285	8.619	4.493	0.530	-2.749	-5.033	-6.304	-6.820	-6.996	-7.198
561	5.60	-7.537	-7.774	-7.380	-5.775	-2.621	1.925	7.146	11.918	15.047	15.658
571	5.70	13.491	8.988	3.147	-2.797	-7.726	-10.914	-12.123	-11.539	-9.596	-6.796
581	5.80	-3.588	-0.347	2.588	4.872	6.165	6.201	4.904	2.472	-0.613	-3.669
591	5.90	-5.990	-7.027	-6.533	-4.600	-1.597	1.962	5.571	8.834	11.504	13.444
601	6.00	14.558	14.727	13.798	11.621	8.148	3.524	-1.839	-7.279	-11.978	-15.135
611	6.10	-16.169	-14.892	-11.585	-6.957	-1.961	2.460	5.628	7.298	7.677	7.289
621	6.20	6.732	6.433	6.487	6.656	6.515	5.686	4.053	1.859	-0.359	-1.962
631	6.30	-2.462	-1.711	0.044	2.253	4.258	5.506	5.691	4.774	2.909	0.333
641	6.40	-2.725	-6.054	-9.401	-12.407	-14.580	-15.366	-14.312	-11.235	-6.470	-0.682
651	6.50	5.063	9.666	12.273	12.530	10.680	7.494	4.039	1.361	0.177	0.672
661	6.60	2.458	4.698	6.373	6.594	4.891	1.368	-3.297	-8.044	-11.726	-13.448
671	6.70	-12.827	-10.103	-6.058	-1.776	1.683	3.580	3.678	2.260	-0.018	-2.366
681	6.80	-4.109	-4.866	-4.599	-3.557	-2.128	-0.688	0.511	1.378	1.945	2.287
691	6.90	2.446	2.393	2.046	1.340	0.305	-0.880	-1.895	-2.361	-1.964	-0.597
701	7.00	1.552	4.001	6.086	7.151	6.763	4.876	1.883	-1.473	-4.316	-5.902
711	7.10	-5.854	-4.281	-1.750	0.905	2.845	3.503	2.752	0.948	-1.203	-2.879
721	7.20	-3.411	-2.499	-0.299	2.631	5.524	7.655	8.563	8.179	6.814	5.010
731	7.30	3.325	2.118	1.432	1.000	0.383	-0.822	-2.788	-5.353	-8.042	-10.213
741	7.40	-11.260	-10.819	-8.876	-5.777	-2.125	1.390	4.155	5.767	6.090	5.252
751	7.50	3.577	1.493	-0.564	-2.240	-3.333	-3.819	-3.829	-3.588	-3.315	-3.134
761	7.60	-3.017	-2.799	-2.253	-1.222	0.270	1.956	3.364	3.936	3.209	0.982
771	7.70	-2.582	-6.953	-11.336	-14.844	-16.694	-16.380	-13.787	-9.228	-3.395	2.752
781	7.80	8.166	11.911	13.358	12.325	9.120	4.470	-0.650	-5.253	-8.569	-10.197
791	7.90	-10.152	-8.791	-6.662	-4.330	-2.238	-0.624	0.474	1.183	1.711	2.273
801	8.00	3.021	3.987	5.047	5.924	6.241	5.622	3.839	0.937	-2.693	-6.355
811	8.10	-9.207	-10.493	-9.780	-7.101	-2.964	1.808	6.319	9.860	12.072	12.975
821	8.20	12.859	12.101	10.989	9.638	8.005	6.008	3.656	1.137	-1.185	-2.872
831	8.30	-3.574	-3.174	-1.869	-0.150	1.333	1.957	1.325	-0.591	-3.411	-6.414
841	8.40	-8.716	-9.506	-8.277	-4.999	-0.172	5.260	10.125	13.312	14.060	12.159
851	8.50	8.001	2.478	-3.261	-8.107	-11.250	-12.336	-11.490	-9.207	-6.169	-3.062
861	8.60	-0.439	1.342	2.115	1.869	0.708	-1.165	-3.445	-5.738	-7.599	-8.604
871	8.70	-8.462	-7.112	-4.770	-1.902	0.878	2.972	3.955	3.690	2.364	0.434
881	8.80	-1.500	-2.846	-3.166	-2.280	-0.313	2.332	5.047	7.154	8.056	7.393
891	8.90	5.159	1.747	-2.112	-5.501	-7.544	-7.639	-5.636	-1.892	2.814	7.477
901	9.00	11.128	13.071	13.034	11.200	8.121	4.547	1.238	-1.207	-2.465	-2.521
911	9.10	-1.635	-0.247	1.159	2.202	2.719	2.815	2.821	3.149	4.110	5.739
921	9.20	7.711	9.400	10.084	9.210	6.640	2.757	-1.619	-5.485	-7.992	-8.729
931	9.30	-7.838	-5.928	-3.805	-2.156	-1.299	-1.105	-1.112	-0.780	0.244	1.947
941	9.40	3.540	5.607	6.352	5.827	4.082	1.552	-1.068	-3.033	-3.759	-2.980
951	9.50	-0.800	2.339	5.763	8.719	10.527	10.715	9.102	5.834	1.353	-3.694
961	9.60	-8.575	-12.603	-15.251	-16.223	-15.472	-13.176	-9.686	-5.456	-0.986	3.233
971	9.70	6.753	9.211	10.357	10.091	8.478	5.759	2.330	-1.303	-4.609	-7.120
981	9.80	-8.528	-8.757	-7.970	-6.529	-4.883	-3.432	-2.405	-1.806	-1.440	-1.038
991	9.90	-0.402	0.461	1.310	1.744	1.388	0.087	-1.957	-4.175	-5.780	-6.011

Table 7-27-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1219 713-GR-1-3 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -55.266 (GAL) T= 0.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-4.603	-0.958	3.824	9.077	13.810	17.159	18.586	17.950	15.474	11.633
1011	10.10	7.027	2.266	-2.092	-5.588	-7.885	-8.806	-8.351	-6.702	-4.189	-1.222
1021	10.20	1.789	4.498	6.653	8.079	8.653	8.289	6.967	4.789	2.039	-0.808
1031	10.30	-3.159	-4.456	-4.368	-2.933	-0.599	1.891	3.726	4.297	3.410	1.351
1041	10.40	-1.212	-3.475	-4.778	-4.823	-3.764	-2.124	-0.590	0.235	0.034	-1.138
1051	10.50	-2.898	-4.690	-5.984	-6.453	-6.063	-5.071	-3.918	-3.076	-2.892	-3.468
1061	10.60	-4.637	-6.011	-7.106	-7.497	-6.953	-5.508	-3.461	-1.277	0.547	1.635
1071	10.70	1.829	1.226	0.126	-1.077	-2.021	-2.479	-2.408	-1.935	-1.295	-0.732
1081	10.80	-0.422	-0.419	-0.644	-0.926	-1.071	-0.938	-0.509	0.082	0.567	0.621
1091	10.90	-0.019	-1.434	-3.427	-5.517	-7.027	-7.266	-5.753	-2.412	2.336	7.634
1101	11.00	12.397	15.610	16.619	15.325	12.196	8.115	4.087	0.939	-0.914	-1.536
1111	11.10	-1.383	-1.078	-1.162	-1.894	-3.172	-4.596	-5.633	-5.824	-4.955	-3.143
1121	11.20	-0.009	1.444	3.009	3.468	2.617	0.707	-1.813	-4.321	-6.218	-7.080
1131	11.30	-6.771	-5.462	-3.561	-1.585	-0.006	0.672	0.972	0.423	-0.516	-1.564
1141	11.40	-2.499	-3.205	-3.660	-3.899	-3.968	-3.901	-3.725	-3.480	-3.238	-3.098
1151	11.50	-3.152	-3.445	-3.932	-4.481	-4.908	-5.048	-4.819	-4.267	-3.557	-2.913
1161	11.60	-2.543	-2.557	-2.928	-3.500	-4.037	-4.300	-4.118	-3.434	-2.310	-0.909
1171	11.70	0.550	1.843	2.780	3.238	3.173	2.622	1.689	0.530	-0.677	-1.752
1181	11.80	-2.542	-2.936	-2.878	-2.368	-1.463	-0.268	1.076	2.417	3.615	4.577
1191	11.90	5.270	5.724	6.007	6.192	6.305	6.312	6.120	5.629	4.801	3.716
1201	12.00	2.598	1.763	1.525	2.071	3.358	5.087	6.775	7.901	8.092	7.267
1211	12.10	5.685	3.868	2.418	1.803	2.182	3.350	4.809	5.960	6.327	5.725
1221	12.20	4.331	2.597	1.084	0.256	0.324	1.194	2.533	3.903	4.917	5.347
1231	12.30	5.156	4.457	3.429	2.241	1.011	-0.190	-1.259	-2.233	-2.879	-3.128
1241	12.40	-2.918	-2.280	-1.350	-0.338	0.524	1.055	1.162	0.854	0.216	0.628
1251	12.50	-1.549	-2.432	-3.179	-3.701	-3.922	-3.798	-3.339	-2.628	-1.821	-1.106
1261	12.60	-0.652	-0.552	-0.790	-1.252	-1.769	-2.180	-2.388	-2.382	-2.208	-1.932
1271	12.70	-1.586	-1.150	-0.567	0.206	1.149	2.152	3.027	3.576	3.658	3.254
1281	12.80	2.476	1.531	0.644	-0.015	-0.377	-0.464	-0.337	-0.040	0.439	1.147
1291	12.90	2.116	3.282	4.454	5.331	5.600	5.065	3.752	1.950	0.141	-1.147
1301	13.00	-1.525	-0.883	0.571	2.384	4.022	5.055	5.284	4.782	3.820	2.737
1311	13.10	1.801	1.119	0.640	0.210	-0.319	-1.006	-1.785	-2.468	-2.824	-2.637
1321	13.20	-1.774	-0.229	1.866	4.241	6.525	8.284	9.107	8.690	6.935	4.010
1331	13.30	0.346	-3.432	-6.660	-8.797	-9.568	-9.028	-7.522	-5.564	-3.671	-2.221
1341	13.40	-1.379	-1.106	-1.231	-1.559	-1.945	-2.328	-2.715	-3.132	-3.579	-4.020
1351	13.50	-4.394	-4.651	-4.784	-4.835	-4.866	-4.925	-5.005	-5.039	-4.929	-4.596
1361	13.60	-4.029	-3.313	-2.609	-2.111	-1.968	-2.237	-2.859	-3.681	-4.513	-5.184
1371	13.70	-5.591	-5.705	-5.549	-5.168	-4.592	-3.837	-2.927	-1.929	-0.970	-0.231
1381	13.80	0.109	-0.052	-0.674	-1.542	-2.308	-2.579	-2.050	-0.615	1.569	4.110
1391	13.90	6.478	8.150	8.756	8.181	6.586	4.364	2.031	0.100	-1.034	-1.170
1401	14.00	-0.337	1.223	3.117	4.880	6.079	6.405	5.756	4.263	2.269	0.250
1411	14.10	-1.308	-2.039	-1.802	-0.722	0.842	2.401	3.472	3.718	3.029	1.551
1421	14.20	-0.373	-2.304	-3.830	-4.672	-4.742	-4.144	-3.128	-2.008	-1.081	-0.559
1431	14.30	-0.537	-0.994	-1.819	-2.849	-3.903	-4.813	-5.439	-5.686	-5.509	-4.935
1441	14.40	-4.058	-3.039	-2.071	-1.338	-0.962	-0.966	-1.265	-1.699	-2.085	-2.287
1451	14.50	-2.263	-2.064	-1.801	-1.581	-1.449	-1.353	-1.172	-0.768	-0.065	0.896
1461	14.60	1.948	2.843	3.329	3.247	2.589	1.511	0.294	-0.743	-1.333	-1.337
1471	14.70	-0.778	0.173	1.249	2.165	2.698	2.746	2.351	1.683	0.982	0.487
1481	14.80	0.359	0.630	1.200	1.879	2.455	2.777	2.805	2.617	2.370	2.222
1491	14.90	2.269	2.498	2.807	3.052	3.125	3.007	2.782	2.600	2.609	2.886

Table 7-27-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1219 713-GR-1-3 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -55.266 (GAL) T= 0.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	3.395	3.998	4.506	4.757	4.678	4.310	3.792	3.301	2.984	2.912
1511	15.10	3.053	3.300	3.505	3.536	3.312	2.823	2.126	1.336	0.592	0.042
1521	15.20	-0.194	-0.044	0.483	1.288	2.182	2.919	3.255	3.017	2.165	0.824
1531	15.30	-0.742	-2.191	-3.206	-3.591	-3.333	-2.601	-1.697	-0.958	-0.654	-0.920
1541	15.40	-1.730	-2.927	-4.280	-5.546	-6.520	-7.048	-7.029	-6.414	-5.211	-3.518
1551	15.50	-1.537	0.417	1.966	2.759	2.584	1.457	-0.344	-2.339	-3.984	-4.836
1561	15.60	-4.698	-3.682	-2.158	-0.617	0.500	0.951	0.747	0.121	-0.598	-1.119
1571	15.70	-1.293	-1.140	-0.805	-0.460	-0.216	-0.076	0.053	0.294	0.733	1.364
1581	15.80	2.096	2.789	3.321	3.635	3.759	3.777	3.789	3.858	3.990	4.139
1591	15.90	4.235	4.218	4.062	3.778	3.402	2.976	2.541	2.130	1.777	1.510
1601	16.00	1.353	1.308	1.345	1.402	1.410	1.317	1.124	0.887	0.707	0.677
1611	16.10	0.837	1.141	1.459	1.626	1.500	1.032	0.292	-0.547	-1.267	-1.685
1621	16.20	-1.713	-1.386	-0.842	-0.268	0.166	0.359	0.293	0.025	-0.355	-0.762
1631	16.30	-1.147	-1.506	-1.878	-2.329	-2.928	-3.730	-4.749	-5.940	-7.184	-8.295
1641	16.40	-9.043	-9.211	-8.661	-7.396	-5.597	-3.599	-1.828	-0.687	-0.442	-1.137
1651	16.50	-2.565	-4.312	-5.865	-6.749	-6.653	-5.514	-3.535	-1.127	1.194	2.943
1661	16.60	3.781	3.594	2.511	0.848	-0.977	-2.567	-3.644	-4.108	-4.039	-3.643
1671	16.70	-3.162	-2.783	-2.573	-2.467	-2.306	-1.913	-1.173	-0.087	1.214	2.512
1681	16.80	3.575	4.229	4.410	4.180	3.690	3.125	2.641	2.321	2.173	2.146
1691	16.90	2.174	2.215	2.274	2.397	2.646	3.062	3.638	4.305	4.947	5.423
1701	17.00	5.610	5.436	4.900	4.076	3.104	2.159	1.419	1.027	1.057	1.486
1711	17.10	2.188	2.949	3.510	3.633	3.169	2.116	0.638	-0.964	-2.329	-3.139
1721	17.20	-3.218	-2.589	-1.469	-0.196	0.876	1.495	1.583	1.239	0.687	0.174
1731	17.30	-0.127	-0.171	-0.043	0.103	0.120	-0.065	-0.432	-0.896	-1.271	-1.825
1741	17.40	-2.305	-2.908	-3.719	-4.735	-5.830	-6.767	-7.274	-7.138	-6.296	-4.866
1751	17.50	-3.118	-1.388	0.026	0.948	1.355	1.352	1.114	0.815	0.579	0.464
1761	17.60	0.474	0.582	0.745	0.910	1.004	0.942	0.639	0.050	-0.799	-1.788
1771	17.70	-2.723	-3.383	-3.599	-3.308	-2.580	-1.594	-0.569	0.304	0.928	1.309
1781	17.80	1.534	1.715	1.938	2.236	2.591	2.964	3.325	3.669	4.010	4.367
1791	17.90	4.736	5.088	5.379	5.572	5.652	5.634	5.540	5.384	5.153	4.815
1801	18.00	4.347	3.767	3.155	2.637	2.347	2.368	2.687	3.192	3.700	4.037
1811	18.10	4.096	3.890	3.536	3.205	3.040	3.089	3.276	3.430	3.328	2.796
1821	18.20	1.762	0.285	-1.456	-3.205	-4.693	-5.693	-6.066	-5.791	-4.970	-3.814
1831	18.30	-2.611	-1.669	-1.245	-1.484	-2.369	-3.720	-5.232	-6.553	-7.379	-7.536
1841	18.40	-7.020	-5.989	-4.718	-3.523	-2.683	-2.387	-2.698	-3.569	-4.759	-6.057
1851	18.50	-7.136	-7.702	-7.543	-6.590	-4.953	-2.913	-0.871	0.753	1.637	1.664
1861	18.60	0.872	-0.386	-1.725	-2.750	-3.186	-2.935	-2.082	-0.838	0.535	1.804
1871	18.70	2.806	3.458	3.746	3.700	3.388	2.910	2.400	2.022	1.934	2.246
1881	18.80	2.971	3.993	5.084	5.957	6.351	6.114	5.261	3.977	2.565	1.357
1891	18.90	0.623	0.491	0.926	1.748	2.691	3.476	3.882	3.785	3.181	2.174
1901	19.00	0.948	-0.270	-1.256	-1.835	-1.918	-1.530	-0.812	0.004	0.652	0.903
1911	19.10	0.635	-0.123	-1.194	-2.299	-3.142	-3.506	-3.318	-2.673	-1.803	-0.999
1921	19.20	-0.521	-0.525	-1.028	-1.917	-2.999	-4.061	-4.922	-5.458	-5.613	-5.387
1931	19.30	-4.825	-4.012	-3.070	-2.152	-1.422	-1.015	-0.999	-1.342	-1.918	-2.531
1941	19.40	-2.982	-3.124	-2.906	-2.377	-1.648	-0.848	-0.076	0.615	1.207	1.686
1951	19.50	2.017	2.144	2.020	1.648	1.111	0.572	0.228	0.237	0.654	1.393
1961	19.60	2.248	2.965	3.320	3.201	2.631	1.752	0.768	-0.120	-0.760	-1.072
1971	19.70	-1.039	-0.695	-0.109	0.618	1.361	1.985	2.374	2.469	2.294	1.951
1981	19.80	1.582	1.304	1.152	1.049	0.842	0.370	-0.446	-1.550	-2.744	-3.761
1991	19.90	-4.361	-4.427	-4.008	-3.296	-2.538	-1.943	-1.610	-1.512	-1.546	-1.603

Table 7-27-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1219 713-GR-1-3 HB. (HB.) YOSHIDAGAWA EMD. MAX. ACC. = -55.266 (GAL) T= 0.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-1.630	-1.649	-1.726	-1.909	-2.174	-2.412	-2.466	-2.206	-1.593	-0.736
2011	20.10	0.150	0.802	1.012	0.702	-0.035	-0.972	-1.818	-2.320	-2.345	-1.913
2021	20.20	-1.189	-0.417	0.166	0.405	0.278	-0.098	-0.513	-0.738	-0.606	-0.073
2031	20.30	0.766	1.708	2.514	2.992	3.063	2.782	2.308	1.838	1.531	1.451
2041	20.40	1.559	1.740	1.867	1.852	1.683	1.415	1.136	0.928	0.831	0.843
2051	20.50	0.933	1.065	1.219	1.393	1.588	1.795	1.988	2.136	2.221	2.257
2061	20.60	2.290	2.382	2.576	2.871	3.209	3.496	3.633	3.569	3.315	2.950
2071	20.70	2.585	2.322	2.216	2.262	2.405	2.576	2.722	2.819	2.874	2.903
2081	20.80	2.910	2.880	2.783	2.596	2.321	1.996	1.677	1.417	1.243	1.146
2091	20.90	1.081	1.014	0.932	0.868	0.886	1.051	1.389	1.855	2.336	2.682
2101	21.00	2.762	2.521	2.011	1.381	0.835	0.556	0.644	1.077	1.720	2.370
2111	21.10	2.825	2.953	2.720	2.193	1.503	0.791	0.166	-0.316	-0.651	-0.853
2121	21.20	-0.938	-0.897	-0.710	-0.360	0.138	0.729	1.323	1.817	2.129	2.221
2131	21.30	2.111	1.856	1.532	1.202	0.903	0.642	0.404	0.171	-0.074	-0.360
2141	21.40	-0.631	-0.956	-1.310	-1.697	-2.092	-2.456	-2.737	-2.888	-2.881	-2.720
2151	21.50	-2.435	-2.066	-1.647	-1.194	-0.713	-0.217	0.252	0.622	0.806	0.739
2161	21.60	0.423	-0.056	-0.545	-0.873	-0.929	-0.715	-0.371	-0.128	-0.230	-0.836
2171	21.70	-1.952	-3.411	-4.926	-6.173	-6.889	-6.938	-6.333	-5.208	-3.773	-2.255
2181	21.80	-0.858	0.257	0.989	1.303	1.237	0.898	0.446	0.047	-0.178	-0.202
2191	21.90	-0.105	-0.045	-0.194	-0.667	-1.468	-2.491	-3.562	-4.508	-5.217	-5.653
2201	22.00	-5.835	-5.793	-5.528	-5.015	-4.243	-3.270	-2.255	-1.441	-1.077	-1.317
2211	22.10	-2.143	-3.356	-4.635	-5.663	-6.239	-6.338	-6.090	-5.699	-5.336	-5.082
2221	22.20	-4.924	-4.818	-4.759	-4.812	-5.092	-5.678	-6.541	-7.515	-8.350	-8.825
2231	22.30	-8.856	-8.542	-8.122	-7.845	-7.834	-8.019	-8.183	-8.105	-7.721	-7.215
2241	22.40	-6.963	-7.347	-8.520	-10.236	-11.862	-12.576	-11.690	-8.958	-4.724	0.169

Table 7-28-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1220 1301-GR-1-1 HA. (HA.) SORACHI BRIDGE MAX. ACC. = 20.532 (GAL) T= 14.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	2.020	1.391	0.184	-1.400	-3.029	-4.314	-4.918	-4.668	-3.626	-2.090
11	0.10	-0.503	0.703	1.270	1.202	0.756	0.314	0.202	0.544	1.221	1.944
21	0.20	2.419	2.492	2.217	1.790	1.406	1.120	0.806	0.250	-0.673	-1.846
31	0.30	-2.883	-3.277	-2.666	-1.075	1.006	2.789	3.533	2.916	1.239	-0.671
41	0.40	-1.830	-1.566	0.133	2.587	4.723	5.577	4.742	2.539	-0.175	-2.452
51	0.50	-3.719	-4.022	-3.920	-4.089	-4.883	-6.074	-6.945	-6.682	-4.856	-1.731
61	0.60	1.791	4.558	5.700	5.029	3.090	0.848	-0.814	-1.525	-1.533	-1.461
71	0.70	-1.850	-2.760	-3.667	-3.726	-2.259	0.793	4.724	8.307	10.332	10.156
81	0.80	7.984	4.749	1.655	-0.375	-1.053	-0.736	-0.104	0.280	0.274	0.157
91	0.90	0.357	1.075	2.063	2.691	2.293	0.589	-2.061	-4.735	-6.354	-6.193
101	1.00	-4.266	-1.343	1.389	2.861	2.595	0.865	-1.490	-3.505	-4.525	-4.440
111	1.10	-3.613	-2.588	-1.773	-1.271	-0.929	-0.550	-0.097	0.255	0.247	-0.227
121	1.20	-0.955	-1.431	-1.100	0.317	2.594	5.021	6.705	6.999	5.842	3.824
131	1.30	1.923	1.033	1.531	3.096	4.875	5.913	5.624	4.061	1.864	-0.083
141	1.40	-1.091	-0.978	-0.107	0.861	1.330	1.071	0.290	-0.543	-1.000	-0.952
151	1.50	-0.646	-0.557	-1.118	-2.455	-4.292	-6.053	-7.102	-7.011	-5.723	-3.546
161	1.60	-1.015	1.304	2.982	3.802	3.762	3.017	1.830	0.526	-0.550	-1.093
171	1.70	-0.919	-0.040	1.308	2.710	3.705	3.939	3.292	1.909	0.136	-1.614
181	1.80	-2.994	-3.799	-3.970	-3.537	-2.567	-1.137	0.645	2.599	4.463	5.933
191	1.90	6.739	6.739	5.961	4.591	2.894	1.142	-0.447	-1.713	-2.530	-2.797
201	2.00	-2.468	-1.610	-0.455	0.610	1.150	0.849	-0.329	-2.087	-3.884	-5.153
211	2.10	-5.547	-5.090	-4.151	-3.245	-2.771	-2.797	-3.027	-2.960	-2.153	-0.462
221	2.20	1.876	4.339	6.362	7.566	7.872	7.457	6.583	5.428	4.018	2.489
231	2.30	0.243	-1.935	-3.874	-5.151	-5.503	-4.979	-3.936	-2.877	-2.200	-2.012
241	2.40	-2.102	-2.109	-1.767	-1.093	-0.388	-0.048	-0.279	-0.898	-1.368	-1.053
251	2.50	0.398	2.779	5.310	6.949	6.877	4.925	1.711	-1.597	-3.813	-4.279
261	2.60	-3.173	-1.412	-0.183	-0.349	-2.008	-4.435	-6.428	-6.894	-5.379	-2.290
271	2.70	1.280	4.039	5.057	4.125	1.788	-0.954	-3.099	-4.033	-3.707	-2.544
281	2.80	-1.169	-0.123	0.331	0.234	-0.171	-0.584	-0.766	-0.591	-0.049	0.776
291	2.90	1.711	2.505	2.865	2.532	1.393	-0.439	-2.605	-4.601	-5.945	-6.357
301	3.00	-5.860	-4.740	-3.409	-2.213	-1.311	-0.662	-0.136	0.344	0.716	0.811
311	3.10	0.490	-0.197	-0.931	-1.209	-0.567	1.166	3.704	6.344	8.217	8.637
321	3.20	7.403	4.897	1.939	-0.559	-1.953	-2.107	-1.389	-0.448	0.110	-0.003
331	3.30	-0.663	-1.443	-1.857	-1.611	-0.739	0.431	1.444	1.928	1.741	0.997
341	3.40	-0.026	-1.028	-1.807	-2.299	-2.539	-2.573	-2.394	-1.926	-1.073	0.204
351	3.50	1.826	3.585	5.181	6.305	6.718	6.299	5.069	3.173	0.853	-1.587
361	3.60	-3.820	-5.543	-6.529	-6.679	-6.055	-4.868	-3.428	-2.058	-1.011	-0.411
371	3.70	-0.248	-0.407	-0.729	-1.058	-1.266	-1.252	-0.936	-0.265	0.760	2.047
381	3.80	3.395	4.525	5.153	5.097	4.357	3.134	1.756	0.549	-0.303	-0.836
391	3.90	-1.283	-1.941	-3.005	-4.432	-5.914	-6.980	-7.195	-6.352	-4.582	-2.319
401	4.00	-0.130	1.514	2.420	2.729	2.812	3.067	3.704	4.630	5.485	5.815
411	4.10	5.296	3.912	1.986	0.056	-1.340	-1.888	-1.610	-0.826	0.015	0.542
421	4.20	0.616	0.356	0.027	-0.125	-0.023	0.212	0.347	0.211	-0.163	-0.498
431	4.30	-0.383	0.521	2.260	4.492	6.562	7.738	7.516	5.851	3.215	0.426
441	4.40	-1.659	-2.476	-1.971	-0.588	0.928	1.849	1.749	0.648	-1.054	-2.773
451	4.50	-4.004	-4.498	-4.304	-3.667	-2.859	-2.024	-1.136	-0.057	1.314	2.919
461	4.60	4.493	5.633	5.948	5.235	3.575	1.328	-0.994	-2.901	-4.094	-4.544
471	4.70	-4.462	-4.192	-4.059	-4.252	-4.773	-5.471	-6.123	-6.537	-6.616	-6.378
481	4.80	-5.926	-5.384	-4.846	-4.339	-3.827	-3.245	-2.540	-1.703	-0.781	0.143
491	4.90	0.980	1.668	2.198	2.607	2.960	3.316	3.705	4.120	4.524	4.876

Table 7-28-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1220 1301-GR-1-1 HA. (HA.) SORACHI BRIDGE MAX. ACC. = 20.532 (GAL) T= 14.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	5.161	5.399	5.644	5.960	6.385	6.909	7.459	7.910	8.112	7.931
511	5.10	7.280	6.150	4.616	2.820	0.940	-0.853	-2.436	-3.753	-4.827	-5.705
521	5.20	-6.415	-6.911	-7.060	-6.680	-5.626	-3.897	-1.709	0.505	2.199	2.891
531	5.30	2.351	0.718	-1.505	-3.607	-4.910	-5.015	-3.932	-2.063	-0.024	1.613
541	5.40	2.537	2.800	2.746	2.824	3.369	4.446	5.832	7.124	7.914	7.951
551	5.50	7.212	5.866	4.171	2.361	0.581	-1.108	-2.667	-4.023	-5.057	-5.643
561	5.60	-5.717	-5.336	-4.679	-3.989	-3.469	-3.210	-3.160	-3.173	-3.098	-2.871
571	5.70	-2.544	-2.249	-2.117	-2.187	-2.358	-2.423	-2.154	-1.410	-0.210	1.250
581	5.80	2.666	3.724	4.208	4.069	3.441	2.596	1.866	1.548	1.818	2.678
591	5.90	3.934	5.238	6.173	6.378	5.670	4.117	2.040	-0.090	-1.814	-2.851
601	6.00	-3.206	-3.151	-3.102	-3.426	-4.271	-5.486	-6.687	-7.424	-7.375	-6.492
611	6.10	-5.009	-3.343	-1.904	-0.937	-0.445	-0.233	-0.031	0.355	0.960	1.661
621	6.20	2.255	2.577	2.564	2.275	1.832	1.345	0.869	0.405	-0.049	-0.443
631	6.30	-0.666	-0.580	-0.098	0.744	1.777	2.759	3.480	3.862	3.992	4.055
641	6.40	4.210	4.463	4.615	4.331	3.304	1.443	-1.019	-3.556	-5.533	-6.457
651	6.50	-6.195	-5.039	-3.594	-2.520	-2.247	-2.799	-3.794	-4.635	-4.788	-4.031
661	6.60	-2.548	-0.835	0.533	1.164	1.013	0.375	-0.281	-0.545	-0.259	0.425
671	6.70	1.145	1.523	1.357	0.714	-0.126	-0.817	-1.134	-1.076	-0.850	-0.746
681	6.80	-0.965	-1.502	-2.137	-2.539	-2.425	-1.698	-0.480	0.947	2.282	3.332
691	6.90	4.058	4.531	4.822	4.903	4.614	3.743	2.163	-0.040	-2.523	-4.776
701	7.00	-6.308	-6.852	-6.477	-5.565	-4.629	-4.078	-4.021	-4.210	-4.163	-3.405
711	7.10	-1.717	0.723	3.380	5.567	6.727	6.659	5.604	4.124	2.866	2.286
721	7.20	2.477	3.157	3.816	3.948	3.264	1.788	-0.180	-2.213	-3.929	-5.110
731	7.30	-5.729	-5.878	-5.668	-5.155	-4.322	-3.144	-1.665	-0.048	1.432	2.471
741	7.40	2.845	2.493	1.544	0.261	-1.052	-2.143	-2.873	-3.201	-3.149	-2.748
751	7.50	-2.029	-1.036	0.126	1.273	2.162	2.563	2.359	1.609	0.551	-0.469
761	7.60	-1.125	-1.224	-0.768	0.075	1.059	1.970	2.701	3.251	3.669	3.973
771	7.70	4.101	3.931	3.359	2.385	1.172	0.006	-0.797	-1.033	-0.700	-0.009
781	7.80	0.715	1.174	1.229	0.958	0.596	0.407	0.546	0.978	1.498	1.844
791	7.90	1.836	1.475	0.947	0.537	0.485	0.873	1.576	2.321	2.806	2.830
801	8.00	2.365	1.552	0.625	-0.193	-0.762	-1.046	-1.074	-0.882	-0.474	0.179
811	8.10	1.091	2.211	3.395	4.431	5.102	5.270	4.931	4.215	3.328	2.468
821	8.20	1.749	1.168	0.637	0.046	-0.663	-1.455	-2.215	-2.793	-3.076	-3.032
831	8.30	-2.720	-2.266	-1.803	-1.434	-1.206	-1.116	-1.153	-1.221	-1.343	-1.452
841	8.40	-1.486	-1.364	-1.017	-0.418	0.379	1.234	1.956	2.361	2.340	1.902
851	8.50	1.162	0.298	-0.529	-1.225	-1.785	-2.262	-2.704	-3.110	-3.410	-3.504
861	8.60	-3.324	-2.896	-2.347	-1.863	-1.604	-1.625	-1.840	-2.063	-2.103	-1.864
871	8.70	-1.407	-0.930	-0.663	-0.750	-1.150	-1.633	-1.866	-1.554	-0.578	0.951
881	8.80	2.726	4.366	5.548	6.111	6.065	5.541	4.698	3.656	2.483	1.233
891	8.90	0.000	-1.057	-1.749	-1.927	-1.575	-0.842	-0.011	0.593	0.726	0.305
901	9.00	-0.576	-1.697	-2.807	-3.697	-4.239	-4.372	-4.067	-3.316	-2.145	-0.654
911	9.10	0.959	2.413	3.423	3.812	3.592	2.974	2.286	1.831	1.750	1.963
921	9.20	2.223	2.256	1.919	1.285	0.612	0.209	0.260	0.708	1.270	1.561
931	9.30	1.296	0.444	-0.743	-1.837	-2.437	-2.362	-1.741	-0.953	-0.444	-0.519
941	9.40	-1.206	-2.251	-3.247	-3.836	-3.836	-3.351	-2.642	-2.010	-1.640	-1.526
951	9.50	-1.507	-1.367	-0.965	-0.305	0.464	1.127	1.503	1.523	1.236	0.775
961	9.60	0.276	-0.174	-0.556	-0.891	-1.198	-1.462	-1.634	-1.663	-1.535	-1.301
971	9.70	-1.060	-0.916	-0.924	-1.055	-1.200	-1.220	-1.010	-0.561	0.025	0.565
981	9.80	0.857	0.761	0.255	-0.555	-1.463	-2.233	-2.661	-2.635	-2.150	-1.294
991	9.90	-0.222	0.891	1.875	2.593	2.952	2.919	2.527	1.879	1.142	0.510

Table 7-28-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1220 1301-GR-1-1 HA. (HA.) SORACHI BRIDGE MAX. ACC. = 20.532 (GAL) T= 14.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.165	0.214	0.662	1.400	2.243	2.985	3.464	3.605	3.419	2.968
1011	10.10	2.321	1.515	0.557	-0.542	-1.717	-2.820	-3.638	-3.956	-3.668	-2.752
1021	10.20	-1.481	-0.171	0.835	1.301	1.178	0.602	-0.177	-0.908	-1.436	-1.737
1031	10.30	-1.894	-2.018	-2.176	-2.357	-2.488	-2.496	-2.366	-2.156	-1.974	-1.909
1041	10.40	-1.969	-2.060	-2.025	-1.718	-1.081	-0.192	0.768	1.583	2.090	2.240
1051	10.50	2.097	1.784	1.410	1.015	0.561	-0.016	-0.734	-1.518	-2.188	-2.524
1061	10.60	-2.352	-1.630	-0.487	0.807	1.926	2.596	2.676	2.195	1.322	0.295
1071	10.70	-0.662	-1.401	-1.879	-2.132	-2.237	-2.252	-2.184	-1.981	-1.554	-0.828
1081	10.80	0.211	1.484	2.817	3.986	4.785	5.099	4.954	4.514	4.028	3.728
1091	10.90	3.734	4.000	4.324	4.431	4.092	3.226	1.949	0.527	-0.733	-1.609
1101	11.00	-2.059	-2.227	-2.366	-2.701	-3.316	-4.100	-4.789	-5.084	-4.799	-3.945
1111	11.10	-2.740	-1.514	-0.566	-0.036	0.146	0.210	0.427	0.964	1.803	2.742
1121	11.20	3.495	3.820	3.636	3.052	2.309	1.666	1.283	1.164	1.184	1.174
1131	11.30	1.028	0.756	0.467	0.293	0.293	0.400	0.452	0.282	-0.173	-0.801
1141	11.40	-1.343	-1.505	-1.109	-0.197	0.955	1.949	2.442	2.303	1.691	0.979
1151	11.50	0.586	0.780	1.545	2.582	3.444	3.738	3.295	2.243	0.936	-0.207
1161	11.60	-0.878	-0.996	-0.702	-0.262	0.075	0.184	0.090	-0.077	-0.184	-0.166
1171	11.70	-0.053	0.073	0.139	0.134	0.110	0.138	0.246	0.386	0.455	0.351
1181	11.80	0.050	-0.362	-0.714	-0.832	-0.634	-0.193	0.282	0.533	0.376	-0.200
1191	11.90	-1.013	-1.754	-2.113	-1.912	-1.185	-0.163	0.814	1.434	1.523	1.100
1201	12.00	0.342	-0.498	-1.198	-1.642	-1.843	-1.897	-1.918	-1.965	-2.015	-1.975
1211	12.10	-1.745	-1.278	-0.627	0.052	0.561	0.734	0.515	-0.006	-0.618	-1.076
1221	12.20	-1.203	-0.971	-0.523	-0.112	0.008	-0.301	-0.993	-1.869	-2.571	-2.914
1231	12.30	-2.785	-2.280	-1.621	-1.043	-0.674	-0.484	-0.312	0.031	0.644	1.470
1241	12.40	2.316	2.943	3.197	3.091	2.805	2.598	2.675	3.084	3.692	4.251
1251	12.50	4.529	4.426	4.015	3.499	3.091	2.893	2.837	2.721	2.309	1.466
1261	12.60	0.230	-1.192	-2.513	-3.492	-4.023	-4.160	-4.062	-3.896	-3.757	-3.638
1271	12.70	-3.469	-3.187	-2.795	-2.376	-2.054	-1.910	-1.936	-2.011	-1.959	-1.629
1281	12.80	-0.969	-0.060	0.919	1.765	2.331	2.581	2.585	2.472	2.366	2.333
1291	12.90	2.368	2.415	2.400	2.264	1.975	1.525	0.916	0.165	-0.686	-1.549
1301	13.00	-2.294	-2.771	-2.863	-2.551	-1.946	-1.281	-0.835	-0.836	-1.365	-2.307
1311	13.10	-3.390	-4.282	-4.726	-4.645	-4.173	-3.595	-3.219	-3.233	-3.615	-4.141
1321	13.20	-4.478	-4.345	-3.648	-2.538	-1.359	-0.500	-0.227	-0.559	-1.255	-1.918
1331	13.30	-2.164	-1.795	-0.877	0.296	1.338	1.949	2.032	1.722	1.289	0.998
1341	13.40	0.967	1.127	1.265	1.157	0.693	-0.063	-0.898	-1.568	-1.915	-1.952
1351	13.50	-1.839	-1.798	-1.983	-2.400	-2.904	-3.271	-3.313	-2.969	-2.321	-1.543
1361	13.60	-0.811	-0.225	0.207	0.526	0.755	0.851	0.718	0.267	-0.496	-1.425
1371	13.70	-2.270	-2.768	-2.766	-2.304	-1.603	-0.965	-0.626	-0.641	-0.848	-0.947
1381	13.80	-0.646	0.194	1.487	2.957	4.251	5.089	5.366	5.169	4.706	4.207
1391	13.90	3.824	3.604	3.515	3.503	3.550	3.682	3.940	4.333	4.808	5.263
1401	14.00	5.585	5.698	5.592	5.307	4.893	4.368	3.712	2.897	1.936	0.925
1411	14.10	0.029	-0.569	-0.763	-0.583	-0.199	0.142	0.231	-0.009	-0.493	-1.026
1421	14.20	-1.425	-1.622	-1.717	-1.919	-2.421	-3.254	-4.223	-4.944	-4.999	-4.120
1431	14.30	-2.327	0.060	2.549	4.677	6.195	7.147	7.810	8.514	9.451	10.557
1441	14.40	11.528	11.972	11.600	10.374	8.534	6.495	4.661	3.265	2.304	1.593
1451	14.50	0.905	0.103	-0.796	-1.671	-2.419	-3.070	-3.820	-4.945	-6.646	-8.902
1461	14.60	-11.412	-13.699	-15.306	-16.012	-15.942	-15.515	-15.229	-15.397	-15.962	-16.479
1471	14.70	-16.307	-14.903	-12.093	-8.187	-3.870	0.074	3.079	5.015	6.200	7.210
1481	14.80	8.594	10.619	13.166	15.821	18.091	19.631	20.381	20.532	20.378	20.123
1491	14.90	19.753	19.040	17.672	15.431	12.329	8.645	4.827	1.333	-1.528	-3.675

Table 7-28-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1220 1301-GR-1-1 HA. (HA.) SORACHI BRIDGE MAX. ACC. = 20.532 (GAL) T= 14.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-5.235	-6.437	-7.485	-8.466	-9.336	-9.969	-10.253	-10.167	-9.818	-9.413
1511	15.10	-9.191	-9.327	-9.863	-10.673	-11.494	-11.997	-11.902	-11.074	-9.593	-7.743
1521	15.20	-5.939	-4.591	-3.972	-4.123	-4.851	-5.800	-6.591	-6.940	-6.730	-5.992
1531	15.30	-4.826	-3.313	-1.457	0.787	3.443	6.431	9.534	12.439	14.841	16.550
1541	15.40	17.543	17.925	17.827	17.298	16.251	14.524	12.005	8.775	5.163	1.675
1551	15.50	-1.183	-3.108	-4.129	-4.581	-4.940	-5.588	-6.642	-7.909	-9.017	-9.632
1561	15.60	-9.646	-9.242	-8.796	-8.663	-8.980	-9.571	-10.026	-9.895	-8.909	-7.092
1571	15.70	-4.730	-2.195	0.253	2.589	4.997	7.713	10.815	14.097	17.083	19.186
1581	15.80	19.936	19.165	17.052	14.024	10.564	7.032	3.580	0.193	-3.194	-6.571
1591	15.90	-9.809	-12.703	-15.077	-16.874	-18.164	-19.058	-19.586	-19.598	-18.778	-16.782
1601	16.00	-13.435	-8.914	-3.790	1.086	4.841	6.868	7.034	5.710	3.615	1.543
1611	16.10	0.072	-0.614	-0.736	-0.764	-1.171	-2.211	-3.795	-5.525	-6.856	-7.306
1621	16.20	-6.641	-4.945	-2.569	0.028	2.452	4.504	6.204	7.705	9.150	10.527
1631	16.30	11.614	12.032	11.391	9.474	6.364	2.471	-1.575	-5.117	-7.677	-9.088
1641	16.40	-9.517	-9.356	-9.054	-8.941	-9.130	-9.509	-9.819	-9.775	-9.164	-7.894
1651	16.50	-5.990	-3.545	-0.677	2.497	5.847	9.205	12.336	14.951	16.739	17.450
1661	16.60	16.970	15.387	13.011	10.323	7.873	6.136	5.366	5.494	6.121	6.618
1671	16.70	6.314	4.723	1.730	-2.343	-6.810	-10.825	-13.648	-14.863	-14.486	-12.912
1681	16.80	-10.750	-8.606	-6.909	-5.832	-5.326	-5.207	-5.265	-5.313	-5.204	-4.813
1691	16.90	-4.029	-2.794	-1.153	0.706	2.475	3.818	4.520	4.610	4.396	4.375
1701	17.00	5.045	6.675	9.162	12.009	14.472	15.792	15.435	13.246	9.458	4.584
1711	17.10	-0.753	-5.975	-10.636	-14.426	-17.136	-18.619	-18.782	-17.624	-15.273	-11.995
1721	17.20	-8.164	-4.174	-0.349	3.117	6.169	8.833	11.134	13.015	14.313	14.783
1731	17.30	14.192	12.419	9.551	5.918	2.068	-1.340	-3.695	-4.589	-3.951	-2.081
1741	17.40	0.422	2.830	4.506	5.097	4.630	3.466	2.130	1.095	0.593	0.554
1751	17.50	0.684	0.666	0.250	-0.428	-1.079	-1.299	-0.792	0.484	2.292	4.219
1761	17.60	5.863	7.002	7.676	8.137	8.709	9.619	10.889	12.323	13.589	14.336
1771	17.70	14.308	13.394	11.632	9.173	6.255	3.178	0.280	-2.102	-3.714	-4.471
1781	17.80	-4.522	-4.236	-4.098	-4.544	-5.794	-7.768	-10.124	-12.408	-14.239	-15.443
1791	17.90	-16.074	-16.310	-16.283	-15.958	-15.119	-13.486	-10.907	-7.525	-3.803	-0.392
1801	18.00	2.121	3.464	3.821	3.763	4.021	5.169	7.378	10.350	13.444	15.954
1811	18.10	17.389	17.648	17.001	15.910	14.782	13.770	12.718	11.279	9.126	6.167
1821	18.20	2.649	-0.895	-3.828	-5.657	-6.213	-5.711	-4.655	-3.634	-3.102	-3.235
1831	18.30	-3.903	-4.782	-5.522	-5.917	-5.986	-5.948	-6.095	-6.636	-7.582	-8.710
1841	18.40	-9.643	-9.991	-9.513	-8.217	-6.370	-4.410	-2.802	-1.883	-1.775	-2.370
1851	18.50	-3.399	-4.547	-5.567	-6.344	-6.899	-7.327	-7.717	-8.065	-8.247	-8.042
1861	18.60	-7.211	-5.597	-3.217	-0.293	2.773	5.499	7.450	8.349	8.143	6.981
1871	18.70	5.133	2.868	0.363	-2.330	-5.233	-8.366	-11.548	-14.555	-16.973	-18.419
1881	18.80	-18.671	-17.758	-15.955	-13.671	-11.279	-8.973	-6.716	-4.316	-1.593	1.464
1891	18.90	4.609	7.403	9.385	10.293	10.206	9.545	8.914	8.847	9.570	10.891
1901	19.00	12.271	13.029	12.616	10.813	7.797	4.050	0.168	-3.334	-6.136	-8.124
1911	19.10	-9.301	-9.686	-9.253	-7.943	-5.738	-2.750	0.738	4.305	7.487	9.892
1921	19.20	11.289	11.634	11.034	9.675	7.758	5.470	2.981	0.469	-1.882	-3.897
1931	19.30	-5.458	-6.539	-7.218	-7.646	-7.982	-8.324	-8.670	-8.923	-8.950	-8.644
1941	19.40	-7.982	-7.031	-5.919	-4.774	-3.667	-2.598	-1.516	-0.372	0.820	1.956
1951	19.50	2.855	3.312	3.175	2.404	1.108	-0.472	-2.016	-3.199	-3.764	-3.583
1961	19.60	-2.674	-1.195	0.595	2.389	3.902	4.919	5.343	5.211	4.679	3.993
1971	19.70	3.437	3.272	3.696	4.800	6.561	8.836	11.384	13.894	16.031	17.484
1981	19.80	18.027	17.566	16.159	14.012	11.416	8.675	6.015	3.534	1.196	-1.103
1991	19.90	-3.447	-5.804	-7.986	-9.680	-10.557	-10.405	-9.240	-7.340	-5.170	-3.237

Table 7-28-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1220 1301-GR-1-1 HA. (HA.) SORACHI BRIDGE MAX. ACC. = 20.532 (GAL) T= 14.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-1.921	-1.347	-1.368	-1.645	-1.802	-1.573	-0.896	0.097	1.168	2.102
2011	20.10	2.793	3.273	3.661	4.074	4.549	5.030	5.396	5.549	5.469	5.231
2021	20.20	4.964	4.773	4.674	4.585	4.370	3.932	3.285	2.584	2.071	1.987
2031	20.30	2.457	3.443	4.752	6.118	7.309	8.202	8.802	9.197	9.476	9.658
2041	20.40	9.659	9.325	8.502	7.120	5.237	3.044	0.814	-1.178	-2.737	-3.812
2051	20.50	-4.509	-5.065	-5.775	-6.891	-8.521	-10.561	-12.685	-14.416	-15.266	-14.903
2061	20.60	-13.287	-10.711	-7.728	-4.972	-2.939	-1.825	-1.483	-1.522	-1.514	-1.195
2071	20.70	-0.591	0.007	0.205	-0.276	-1.439	-2.972	-4.368	-5.149	-5.079	-4.272
2081	20.80	-3.148	-2.246	-1.997	-2.544	-3.710	-5.095	-6.266	-6.937	-7.066	-6.818
2091	20.90	-6.446	-6.145	-5.955	-5.761	-5.371	-4.630	-3.502	-2.083	-0.548	0.933
2101	21.00	2.262	3.425	4.443	5.307	5.933	6.172	5.877	4.999	3.656	2.132
2111	21.10	0.811	0.037	-0.003	0.638	1.682	2.723	3.376	3.414	2.846	1.909
2121	21.20	0.977	0.431	0.524	1.310	2.633	4.198	5.673	6.800	7.458	7.686
2131	21.30	7.632	7.489	7.408	7.449	7.567	7.638	7.512	7.067	6.245	5.064
2141	21.40	3.600	1.959	0.243	-1.465	-3.106	-4.629	-5.980	-7.083	-7.846	-8.178
2151	21.50	-8.009	-7.325	-6.184	-4.721	-3.131	-1.627	-0.402	0.414	0.777	0.722
2161	21.60	0.334	-0.292	-1.091	-2.043	-3.166	-4.474	-5.947	-7.500	-8.989	-10.245
2171	21.70	-11.118	-11.529	-11.482	-11.060	-10.379	-9.548	-8.634	-7.655	-6.599	-5.454
2181	21.80	-4.236	-3.006	-1.859	-0.908	-0.262	-0.008	-0.193	-0.817	-1.812	-3.038
2191	21.90	-4.280	-5.283	-5.801	-5.674	-4.880	-3.565	-2.001	-0.499	0.697	1.501
2201	22.00	2.007	2.438	3.036	3.943	5.119	6.347	7.309	7.725	7.469	6.630
2211	22.10	5.491	4.419	3.729	3.566	3.860	4.356	4.717	4.649	4.002	2.813
2221	22.20	1.279	-0.311	-1.680	-2.639	-3.134	-3.238	-3.115	-2.954	-2.912	-3.081
2231	22.30	-3.471	-4.035	-4.692	-5.364	-5.986	-6.505	-6.867	-7.001	-6.811	-6.204
2241	22.40	-5.118	-3.565	-1.649	0.441	2.484	4.283	5.725	6.805	7.615	8.284
2251	22.50	8.919	9.557	10.156	10.623	10.868	10.850	10.602	10.211	9.781	9.380
2261	22.60	9.020	8.656	8.212	7.625	6.869	5.957	4.935	3.855	2.761	1.695
2271	22.70	0.708	-0.132	-0.745	-1.056	-1.034	-0.716	-0.206	0.349	0.809	1.082
2281	22.80	1.154	1.072	0.906	0.702	0.450	0.085	-0.477	-1.289	-2.326	-3.476
2291	22.90	-4.558	-5.375	-5.769	-5.660	-5.053	-4.022	-2.673	-1.119	0.532	2.179
2301	23.00	3.709	4.999	5.923	6.380	6.325	5.784	4.353	3.674	2.394	1.131
2311	23.10	-0.046	-1.120	-2.098	-2.994	-3.807	-4.525	-5.125	-5.596	-5.934	-6.140
2321	23.20	-6.203	-6.088	-5.740	-5.104	-4.161	-2.959	-1.623	-0.331	0.735	1.447
2331	23.30	1.779	1.812	1.698	1.602	1.633	1.810	2.056	2.242	2.245	1.996
2341	23.40	1.500	0.827	0.071	-0.674	-1.338	-1.864	-2.193	-2.258	-1.988	-1.345
2351	23.50	-0.365	0.830	2.042	3.054	3.700	3.923	3.798	3.493	3.199	3.054
2361	23.60	3.092	3.238	3.350	3.280	2.924	2.248	1.278	0.071	-1.306	-2.772
2371	23.70	-4.223	-5.516	-6.475	-6.932	-6.789	-6.076	-4.966	-3.746	-2.733	-2.171
2381	23.80	-2.158	-2.628	-3.390	-4.210	-4.904	-5.386	-5.672	-5.838	-5.962	-6.074
2391	23.90	-6.147	-6.115	-5.905	-5.466	-4.778	-3.842	-2.667	-1.267	0.330	2.063
2401	24.00	3.825	5.476	6.875	7.924	8.595	8.938	9.050	9.031	8.947	8.815
2411	24.10	8.622	8.368	8.087	7.852	7.739	7.769	7.868	7.860	7.520	6.659
2421	24.20	5.209	3.277	1.120	-0.933	-2.598	-3.734	-4.387	-4.752	-5.086	-5.586
2431	24.30	-6.313	-7.161	-7.905	-8.293	-8.136	-7.375	-6.091	-4.456	-2.679	-0.938
2441	24.40	0.640	1.976	3.008	3.670	3.892	3.629	2.905	1.836	0.626	-0.482
2451	24.50	-1.283	-1.680	-1.715	-1.550	-1.394	-1.412	-1.658	-2.056	-2.449	-2.678
2461	24.60	-2.658	-2.423	-2.097	-1.830	-1.706	-1.698	-1.668	-1.432	-0.868	0.110
2471	24.70	1.329	2.607	3.728	4.552	5.054	5.310	5.435	5.508	5.530	5.423
2481	24.80	5.085	4.452	3.542	2.454	1.324	0.258	-0.709	-1.617	-2.542	-3.529
2491	24.90	-4.548	-5.489	-6.206	-6.591	-6.634	-6.445	-6.218	-6.157	-6.397	-6.952

Table 7-28-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1220 1301-GR-1-1 HA. (HA.) SORACHI BRIDGE MAX. ACC. = 20.532 (GAL) T= 14.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-7.714	-8.506	-9.150	-9.527	-9.610	-9.449	-9.130	-8.730	-8.291	-7.813
2511	25.10	-7.269	-6.637	-5.909	-5.101	-4.239	-3.346	-2.430	-1.482	-0.479	0.599
2521	25.20	1.763	3.002	4.274	5.513	6.631	7.534	8.138	8.395	8.308	7.934
2531	25.30	7.380	6.773	6.236	5.855	5.666	5.653	5.760	5.906	6.008	5.986
2541	25.40	5.783	5.362	4.713	3.852	2.811	1.634	0.362	-0.966	-2.315	-3.635
2551	25.50	-4.850	-5.853	-6.522	-6.755	-6.508	-5.827	-4.848	-3.753	-2.716	-1.832
2561	25.60	-1.086	-0.363	0.496	1.614	3.019	4.616	6.215	7.599	8.598	9.135
2571	25.70	9.232	8.981	8.481	7.805	6.972	5.968	4.777	3.408	1.915	0.385
2581	25.80	-1.079	-2.377	-3.427	-4.166	-4.548	-4.558	-4.217	-3.601	-2.835	-2.074
2591	25.90	-1.462	-1.090	-0.974	-1.055	-1.235	-1.422	-1.565	-1.661	-1.737	-1.811
2601	26.00	-1.869	-1.870	-1.776	-1.595	-1.401	-1.327	-1.502	-1.992	-2.744	-3.588
2611	26.10	-4.296	-4.669	-4.625	-4.236	-3.693	-3.226	-2.996	-3.026	-3.196	-3.292
2621	26.20	-3.109	-2.533	-1.587	-0.414	0.786	1.834	2.626	3.154	3.478	3.691
2631	26.30	3.876	4.093	4.377	4.751	5.225	5.792	6.412	7.011	7.492	7.768
2641	26.40	7.803	7.628	7.335	7.034	6.798	6.618	6.402	6.012	5.336	4.355
2651	26.50	3.173	1.996	1.063	0.549	0.503	0.826	1.317	1.759	2.002	2.019
2661	26.60	1.895	1.776	1.784	1.954	2.216	2.429	2.466	2.182	1.637	0.886
2671	26.70	0.026	-0.880	-1.831	-2.869	-4.026	-5.265	-6.454	-7.394	-7.892	-7.856
2681	26.80	-7.355	-6.612	-5.929	-5.564	-5.617	-5.984	-6.393	-6.517	-6.113	-5.122
2691	26.90	-3.693	-2.119	-0.711	0.312	0.892	1.120	1.151	1.114	1.045	0.882
2701	27.00	0.519	-0.114	-0.988	-1.967	-2.853	-3.460	-3.684	-3.535	-3.114	-2.566
2711	27.10	-2.014	-1.522	-1.088	-0.670	-0.214	0.317	0.938	1.641	2.402	3.180
2721	27.20	3.916	4.534	4.955	5.128	5.057	4.810	4.495	4.219	4.029	3.878
2731	27.30	3.638	3.152	2.303	1.085	-0.390	-1.924	-3.308	-4.398	-5.159	-5.651
2741	27.40	-5.977	-6.213	-6.371	-6.396	-6.213	-5.784	-5.143	-4.399	-3.692	-3.138
2751	27.50	-2.781	-2.591	-2.487	-2.384	-2.234	-2.033	-1.809	-1.591	-1.390	-1.197
2761	27.60	-1.003	-0.813	-0.656	-0.566	-0.552	-0.575	-0.553	-0.389	-0.018	0.556
2771	27.70	1.255	1.957	2.549	2.969	3.227	3.376	3.468	3.512	3.469	3.275
2781	27.80	2.906	2.413	1.930	1.629	1.643	1.994	2.570	3.154	3.516	3.501
2791	27.90	3.092	2.413	1.664	1.039	0.642	0.466	0.408	0.341	0.171	-0.121
2801	28.00	-0.490	-0.861	-1.179	-1.437	-1.679	-1.967	-2.348	-2.828	-3.361	-3.868
2811	28.10	-4.258	-4.453	-4.395	-4.056	-3.432	-2.548	-1.457	-0.241	0.996	2.150
2821	28.20	3.138	3.916	4.483	4.865	5.101	5.213	5.208	5.079	4.826	4.471
2831	28.30	4.062	3.654	3.289	2.968	2.643	2.235	1.661	0.872	-0.121	-1.248
2841	28.40	-2.395	-3.443	-4.294	-4.900	-5.260	-5.405	-5.381	-5.225	-4.956	-4.578
2851	28.50	-4.092	-3.508	-2.856	-2.186	-1.558	-1.027	-0.629	-0.371	-0.230	-0.167
2861	28.60	-0.140	-0.118	-0.085	-0.034	0.049	0.194	0.447	0.857	1.450	2.205
2871	28.70	3.048	3.870	4.562	5.053	5.342	5.489	5.583	5.694	5.829	5.923
2881	28.80	5.861	5.533	4.889	3.968	2.886	1.794	0.811	-0.015	-0.720	-1.393
2891	28.90	-2.128	-2.968	-3.889	-4.806	-5.613	-6.224	-6.594	-6.726	-6.651	-6.400
2901	29.00	-6.001	-5.471	-4.832	-4.118	-3.371	-2.621	-1.875	-1.103	-0.257	0.694
2911	29.10	1.737	2.795	3.742	4.449	4.829	4.873	4.669	4.271	3.846	3.432
2921	29.20	3.026	2.583	2.062	1.460	0.832	0.273	-0.128	-0.323	-0.326	-0.204
2931	29.30	-0.044	0.086	0.162	0.198	0.229	0.282	0.365	0.464	0.558	0.634
2941	29.40	0.682	0.692	0.638	0.478	0.176	-0.272	-0.810	-1.317	-1.643	-1.683
2951	29.50	-1.338	-0.738	-0.021	0.630	1.090	1.344	1.488	1.675	2.026	2.560
2961	29.60	3.174	3.682	3.908	3.771	3.331	2.757	2.254	1.963	1.897	1.948
2971	29.70	1.946	1.750	1.325	0.750	0.173	-0.267	-0.518	-0.631	-0.726	-0.913
2981	29.80	-1.227	-1.605	-1.917	-2.048	-1.962	-1.740	-1.541	-1.526	-1.770	-2.221
2991	29.90	-2.716	-3.062	-3.122	-2.883	-2.454	-2.008	-1.693	-1.564	-1.567	-1.586

Table 7-28-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1220 1301-GR-1-1 HA. (HA.) SORACHI BRIDGE MAX. ACC. = 20.532 (GAL) T= 14.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-1.520	-1.354	-1.181	-1.162	-1.450	-2.107	-3.071	-4.169	-5.193	-5.980
3011	30.10	-6.468	-6.699	-6.774	-6.786	-6.764	-6.660	-6.382	-5.848	-5.040	-4.024
3021	30.20	-2.927	-1.885	-0.983	-0.229	0.445	1.143	1.950	2.887	3.894	4.848
3031	30.30	5.605	6.051	6.139	5.904	5.446	4.893	4.360	3.907	3.525	3.151
3041	30.40	2.697	2.098	1.347	0.517	-0.257	-0.820	-1.049	-0.906	-0.458	0.141
3051	30.50	0.692	1.019	1.018	0.693	0.143	-0.470	-0.978	-1.249	-1.231	-0.953
3061	30.60	-0.518	-0.070	0.244	0.319	0.120	-0.306	-0.841	-1.335	-1.663	-1.769
3071	30.70	-1.697	-1.571	-1.541	-1.707	-2.061	-2.467	-2.706	-2.565	-1.934	-0.868
3081	30.80	0.420	1.632	2.501	2.894	2.857	2.587	2.334	2.293	2.524	2.941
3091	30.90	3.369	3.637	3.657	3.462	3.174	2.942	2.864	2.957	3.164	3.402
3101	31.00	3.614	3.798	3.991	4.235	4.529	4.812	4.977	4.929	4.627	4.120
3111	31.10	3.527	2.990	2.614	2.425	2.362	2.311	2.161	1.850	1.389	0.848
3121	31.20	0.320	-0.125	-0.461	-0.709	-0.915	-1.121	-1.339	-1.553	-1.730	-1.846
3131	31.30	-1.910	-1.965	-2.083	-2.333	-2.753	-3.327	-3.984	-4.620	-5.136	-5.474
3141	31.40	-5.649	-5.742	-5.878	-6.170	-6.674	-7.359	-8.112	-8.778	-9.217	-9.356
3151	31.50	-9.213	-8.876	-8.454	-8.031	-7.622	-7.178	-6.619	-5.884	-4.965	-3.914
3161	31.60	-2.817	-1.753	-0.765	0.150	1.008	1.800	2.465	2.901	2.999	2.713
3171	31.70	2.099	1.324	0.621	0.209	0.222	0.659	1.398	2.248	3.027	3.618
3181	31.80	3.997	4.217	4.368	4.537	4.785	5.146	5.636	6.256	6.990	7.787
3191	31.90	8.553	9.162	9.484	9.431	8.993	8.240	7.302	6.314	5.365	4.473
3201	32.00	3.587	2.633	1.557	0.361	-0.889	-2.095	-3.156	-4.008	-4.630	-5.042
3211	32.10	-5.277	-5.371	-5.355	-5.261	-5.130	-5.008	-4.931	-4.908	-4.905	-4.852
3221	32.20	-4.672	-4.316	-3.787	-3.145	-2.483	-1.889	-1.411	-1.045	-0.746	-0.464
3231	32.30	-0.167	0.139	0.431	0.688	0.920	1.174	1.516	2.001	2.641	3.398
3241	32.40	4.196	4.947	5.586	6.076	6.406	6.569	6.551	6.334	5.919	5.350
3251	32.50	4.727	4.183	3.842	3.759	3.895	4.116	4.248	4.144	3.756	3.148
3261	32.60	2.469	1.887	1.511	1.352	1.326	1.310	1.209	1.011	0.795	0.689
3271	32.70	0.806	1.181	1.750	2.370	2.873	3.130	3.089	2.773	2.245	1.568
3281	32.80	0.768	-0.166	-1.255	-2.499	-3.842	-5.178	-6.376	-7.323	-7.963	-8.312
3291	32.90	-8.448	-8.472	-8.476	-8.510	-8.579	-8.648	-8.670	-8.601	-8.413	-8.098
3301	33.00	-7.656	-7.095	-6.425	-5.653	-4.793	-3.856	-2.861	-1.828	-0.786	0.227
3311	33.10	1.159	1.948	2.536	2.886	2.997	2.909	2.688	2.407	2.111	1.799
3321	33.20	1.435	0.969	0.387	-0.261	-0.850	-1.206	-1.167	-0.646	0.325	1.592
3331	33.30	2.919	4.068	4.876	5.297	5.410	5.363	5.305	5.322	5.402	5.451
3341	33.40	5.347	5.002	4.407	3.642	2.843	2.151	1.659	1.379	1.249	1.166
3351	33.50	1.032	0.790	0.441	0.033	-0.365	-0.697	-0.940	-1.113	-1.264	-1.454
3361	33.60	-1.730	-2.108	-2.563	-3.033	-3.428	-3.661	-3.670	-3.445	-3.043	-2.584
3371	33.70	-2.217	-2.082	-2.262	-2.760	-3.492	-4.324	-5.116	-5.771	-6.261	-6.620
3381	33.80	-6.908	-7.163	-7.366	-7.443	-7.293	-6.845	-6.103	-5.165	-4.202	-3.399
3391	33.90	-2.884	-2.682	-2.706	-2.792	-2.768	-2.518	-2.026	-1.366	-0.666	-0.041
3401	34.00	0.452	0.836	1.189	1.605	2.140	2.790	3.490	4.149	4.694	5.102
3411	34.10	5.407	5.678	5.979	6.329	6.687	6.962	7.052	6.892	6.484	5.909
3421	34.20	5.301	4.802	4.511	4.455	4.576	4.760	4.880	4.834	4.576	4.123
3431	34.30	3.532	2.875	2.210	1.569	0.956	0.367	-0.202	-0.742	-1.237	-1.672
3441	34.40	-2.043	-2.358	-2.632	-2.867	-3.046	-3.129	-3.065	-2.820	-2.394	-1.830
3451	34.50	-1.206	-0.610	-0.110	0.268	0.536	0.733	0.899	1.053	1.188	1.290
3461	34.60	1.354	1.406	1.498	1.693	2.032	2.504	3.042	3.540	3.892	4.032
3471	34.70	3.952	3.702	3.354	2.967	2.557	2.097	1.545	0.878	0.128	-0.619
3481	34.80	-1.247	-1.658	-1.814	-1.756	-1.592	-1.449	-1.425	-1.551	-1.785	-2.037
3491	34.90	-2.210	-2.241	-2.119	-1.881	-1.589	-1.301	-1.059	-0.886	-0.801	-0.824

Table 7-28-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1220 1301-GR-1-1 HA. (HA.) SORACHI BRIDGE MAX. ACC. = 20.532 (GAL) T= 14.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.978	-1.273	-1.691	-2.167	-2.605	-2.903	-2.992	-2.866	-2.596	-2.303
3511	35.10	-2.115	-2.117	-2.320	-2.659	-3.021	-3.300	-3.435	-3.437	-3.381	-3.368
3521	35.20	-3.486	-3.774	-4.211	-4.728	-5.239	-5.667	-5.962	-6.105	-6.091	-5.915
3531	35.30	-5.569	-5.045	-4.348	-3.514	-2.604	-1.699	-0.872	-0.168	0.412	0.905
3541	35.40	1.359	1.813	2.272	2.706	3.066	3.314	3.443	3.487	3.505	3.560
3551	35.50	3.686	3.879	4.102	4.310	4.479	4.617	4.765	4.970	5.254	5.601
3561	35.60	5.950	6.225	6.364	6.343	6.182	5.923	5.607	5.248	4.828	4.319
3571	35.70	3.705	3.005	2.267	1.547	0.872	0.220	-0.471	-1.262	-2.163	-3.093
3581	35.80	-3.889	-4.350	-4.323	-3.768	-2.790	-1.604	-0.461	0.454	1.080	1.488
3591	35.90	1.819	2.202	2.677	3.168	3.523	3.591	3.300	2.698	1.933	1.189
3601	36.00	0.605	0.226	0.000	-0.169	-0.359	-0.578	-0.754	-0.777	-0.558	-0.079
3611	36.10	0.589	1.319	1.976	2.470	2.771	2.905	2.909	2.807	2.594	2.253
3621	36.20	1.789	1.251	0.734	0.341	0.147	0.155	0.295	0.448	0.501	0.391
3631	36.30	0.125	-0.226	-0.575	-0.855	-1.049	-1.183	-1.304	-1.444	-1.599	-1.732
3641	36.40	-1.793	-1.745	-1.582	-1.324	-1.007	-0.659	-0.296	0.072	0.432	0.752
3651	36.50	0.993	1.123	1.144	1.105	1.088	1.175	1.403	1.730	2.040	2.182
3661	36.60	2.033	1.558	0.836	0.036	-0.641	-1.046	-1.136	-0.993	-0.783	-0.683
3671	36.70	-0.805	-1.149	-1.605	-1.998	-2.166	-2.023	-1.602	-1.036	-0.519	-0.235
3681	36.80	-0.304	-0.748	-1.492	-2.399	-3.311	-4.097	-4.673	-5.023	-5.182	-5.222
3691	36.90	-5.223	-5.256	-5.362	-5.548	-5.789	-6.040	-6.252	-6.388	-6.435	-6.402
3701	37.00	-6.310	-6.177	-6.002	-5.762	-5.415	-4.926	-4.283	-3.517	-2.698	-1.917
3711	37.10	-1.257	-0.759	-0.407	-0.138	0.134	0.478	0.914	1.402	1.857	2.187
3721	37.20	2.331	2.294	2.142	1.974	1.886	1.916	2.034	2.143	2.119	1.861
3731	37.30	1.330	0.572	-0.296	-1.124	-1.771	-2.150	-2.240	-2.086	-1.772	-1.395
3741	37.40	-1.059	-0.958	-0.577	-0.496	-0.495	-0.560	-0.589	-0.589	-0.488	-0.260
3751	37.50	0.180	0.768	1.488	2.272	3.041	3.716	4.243	4.603	4.816	4.933
3761	37.60	5.025	5.159	5.376	5.685	6.050	6.403	6.654	6.712	6.507	6.005
3771	37.70	5.218	4.200	3.039	1.840	0.705	-0.286	-1.088	-1.692	-2.127	-2.441
3781	37.80	-2.691	-2.920	-3.155	-3.400	-3.646	-3.876	-4.078	-4.247	-4.380	-4.474
3791	37.90	-4.514	-4.480	-4.348	-4.108	-3.770	-3.370	-2.963	-2.607	-2.338	-2.158
3801	38.00	-2.033	-1.907	-1.723	-1.450	-1.099	-0.723	-0.396	-0.196	-0.170	-0.323
3811	38.10	-0.610	-0.952	-1.254	-1.431	-1.430	-1.241	-0.904	-0.492	-0.098	0.196
3821	38.20	0.339	0.332	0.227	0.116	0.101	0.259	0.615	1.136	1.736	2.312
3831	38.30	2.779	3.094	3.267	3.348	3.393	3.440	3.488	3.504	3.444	3.282
3841	38.40	3.036	2.764	2.546	2.452	2.504	2.665	2.844	2.930	2.833	2.520
3851	38.50	2.033	1.472	0.965	0.622	0.498	0.578	0.793	1.044	1.252	1.381
3861	38.60	1.452	1.528	1.682	1.960	2.359	2.825	3.275	3.634	3.866	3.994
3871	38.70	4.084	4.210	4.419	4.694	4.953	5.075	4.948	4.522	3.831	2.994
3881	38.80	2.171	1.514	1.106	0.949	0.966	1.044	1.089	1.058	0.974	0.900
3891	38.90	0.899	0.996	1.156	1.295	1.322	1.175	0.858	0.442	0.040	-0.238
3901	39.00	-0.331	-0.247	-0.065	0.105	0.163	0.060	-0.187	-0.501	-0.784	-0.954
3911	39.10	-0.979	-0.889	-0.756	-0.670	-0.697	-0.857	-1.110	-1.381	-1.579	-1.639
3921	39.20	-1.539	-1.312	-1.032	-0.792	-0.673	-0.726	-0.953	-1.318	-1.751	-2.175
3931	39.30	-2.512	-2.706	-2.725	-2.567	-2.261	-1.862	-1.449	-1.107	-0.910	-0.902
3941	39.40	-1.077	-1.376	-1.698	-1.931	-1.986	-1.835	-1.525	-1.166	-0.896	-0.836
3951	39.50	-1.038	-1.470	-2.025	-2.559	-2.946	-3.122	-3.105	-2.981	-2.858	-2.822
3961	39.60	-2.895	-3.034	-3.153	-3.166	-3.032	-2.775	-2.477	-2.239	-2.139	-2.194
3971	39.70	-2.356	-2.530	-2.615	-2.546	-2.319	-1.991	-1.654	-1.398	-1.278	-1.296
3981	39.80	-1.406	-1.540	-1.634	-1.652	-1.597	-1.506	-1.428	-1.403	-1.442	-1.521
3991	39.90	-1.585	-1.564	-1.398	-1.053	-0.538	0.097	0.781	1.440	2.023	2.518

Table 7-28-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1220 1301-GR-1-1 HA. (HA.) SORACHI BRIDGE MAX. ACC. = 20.532 (GAL) T= 14.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	2.947	3.349	3.757	4.173	4.567	4.884	5.072	5.109	5.012	4.832
4011	40.10	4.625	4.415	4.177	3.837	3.304	2.515	1.475	0.266	-0.964	-2.061
4021	40.20	-2.913	-3.491	-3.858	-4.129	-4.420	-4.792	-5.227	-5.629	-5.871	-5.847
4031	40.30	-5.514	-4.912	-4.141	-3.326	-2.570	-1.928	-1.399	-0.951	-0.548	-0.176
4041	40.40	0.144	0.374	0.482	0.465	0.367	0.268	0.258	0.402	0.717	1.157
4051	40.50	1.631	2.040	2.312	2.430	2.437	2.411	2.429	2.525	2.670	2.781
4061	40.60	2.760	2.537	2.112	1.560	1.012	0.596	0.387	0.369	0.441	0.456
4071	40.70	0.281	-0.146	-0.792	-1.544	-2.261	-2.826	-3.191	-3.380	-3.463	-3.510
4081	40.80	-3.545	-3.535	-3.406	-3.084	-2.542	-1.818	-1.010	-0.235	0.420	0.930
4091	40.90	1.340	1.738	2.209	2.789	3.442	4.075	4.578	4.873	4.952	4.883
4101	41.00	4.779	4.751	4.845	5.022	5.154	5.076	4.648	3.817	2.646	1.302
4111	41.10	0.007	-1.041	-1.726	-2.050	-2.123	-2.110	-2.170	-2.394	-2.782	-3.259
4121	41.20	-3.709	-4.030	-4.167	-4.128	-3.962	-3.735	-3.501	-3.282	-3.079	-2.877
4131	41.30	-2.662	-2.430	-2.178	-1.902	-1.592	-1.235	-0.824	-0.367	0.110	0.576
4141	41.40	1.007	1.401	1.774	2.148	2.524	2.872	3.129	3.223	3.111	2.806
4151	41.50	2.386	1.966	1.658	1.517	1.520	1.573	1.551	1.360	0.977	0.458
4161	41.60	-0.085	-0.541	-0.845	-1.011	-1.111	-1.241	-1.462	-1.772	-2.102	-2.346
4171	41.70	-2.410	-2.250	-1.896	-1.435	-0.979	-0.623	-0.417	-0.355	-0.392	-0.467
4181	41.80	-0.524	-0.532	-0.482	-0.382	-0.246	-0.079	0.118	0.349	0.615	0.902
4191	41.90	1.175	1.386	1.478	1.410	1.175	0.812	0.401	0.050	-0.151	-0.153
4201	42.00	0.024	0.302	0.580	0.777	0.876	0.938	1.077	1.410	2.000	2.820
4211	42.10	3.751	4.632	5.315	5.729	5.904	5.946	5.993	6.152	6.457	6.865
4221	42.20	7.286	7.625	7.822	7.866	7.775	7.578	7.284	6.886	6.372	5.751
4231	42.30	5.063	4.373	3.742	3.196	2.704	2.194	1.583	0.823	-0.071	-1.020
4241	42.40	-1.916	-2.670	-3.250	-3.693	-4.078	-4.480	-4.920	-5.352	-5.682	-5.814
4251	42.50	-5.701	-5.378	-4.951	-4.551	-4.280	-4.165	-4.151	-4.136	-4.022	-3.770
4261	42.60	-3.419	-3.074	-2.852	-2.832	-3.016	-3.329	-3.648	-3.860	-3.903	-3.785
4271	42.70	-3.579	-3.379	-3.260	-3.246	-3.306	-3.373	-3.376	-3.268	-3.043	-2.731
4281	42.80	-2.380	-2.032	-1.711	-1.422	-1.158	-0.914	-0.699	-0.532	-0.440	-0.435
4291	42.90	-0.508	-0.620	-0.713	-0.721	-0.592	-0.308	0.103	0.576	1.020	1.347
4301	43.00	1.498	1.466	1.303	1.106	0.991	1.050	1.325	1.784	2.334	2.849
4311	43.10	3.212	3.354	3.271	3.019	2.680	2.331	2.009	1.707	1.387	1.015
4321	43.20	0.588	0.148	-0.231	-0.472	-0.533	-0.425	-0.211	0.022	0.199	0.288
4331	43.30	0.306	0.305	0.335	0.421	0.542	0.643	0.667	0.581	0.401	0.181
4341	43.40	-0.008	-0.114	-0.130	-0.095	-0.082	-0.163	-0.379	-0.730	-1.174	-1.653
4351	43.50	-2.109	-2.508	-2.836	-3.091	-3.271	-3.362	-3.349	-3.217	-2.971	-2.640
4361	43.60	-2.268	-1.905	-1.583	-1.312	-1.075	-0.844	-0.591	-0.309	-0.012	0.265
4371	43.70	0.488	0.633	0.699	0.711	0.711	0.741	0.833	0.989	1.184	1.368
4381	43.80	1.478	1.459	1.280	0.945	0.495	0.001	-0.460	-0.822	-1.053	-1.160
4391	43.90	-1.189	-1.204	-1.266	-1.418	-1.665	-1.981	-2.317	-2.617	-2.839	-2.959
4401	44.00	-2.981	-2.928	-2.835	-2.732	-2.646	-2.585	-2.548	-2.526	-2.507	-2.484
4411	44.10	-2.452	-2.407	-2.346	-2.256	-2.115	-1.902	-1.598	-1.202	-0.733	-0.231
4421	44.20	0.254	0.678	1.013	1.256	1.428	1.560	1.680	1.808	1.945	2.084
4431	44.30	2.212	2.315	2.378	2.388	2.328	2.185	1.961	1.678	1.383	1.134
4441	44.40	0.978	0.931	0.957	0.979	0.907	0.681	0.300	-0.162	-0.583	-0.835
4451	44.50	-0.840	-0.598	-0.184	0.284	0.704	1.032	1.294	1.563	1.914	2.374
4461	44.60	2.907	3.427	3.842	4.100	4.217	4.262	4.309	4.396	4.486	4.482
4471	44.70	4.278	3.816	3.135	2.371	1.704	1.285	1.165	1.268	1.426	1.449
4481	44.80	1.223	0.758	0.188	-0.283	-0.480	-0.336	0.078	0.575	0.940	1.015
4491	44.90	0.765	0.287	-0.242	-0.646	-0.828	-0.807	-0.702	-0.667	-0.817	-1.172

Table 7-28-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1220 1301-GR-1-1 HA. (HA.) SORACHI BRIDGE MAX. ACC. = 20.532 (GAL) T= 14.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-1.645	-2.079	-2.319	-2.276	-1.963	-1.489	-1.011	-0.668	-0.529	-0.569
4511	45.10	-0.695	-0.787	-0.760	-0.591	-0.330	-0.069	0.104	0.150	0.091	0.004
4521	45.20	-0.016	0.096	0.348	0.679	0.988	1.171	1.164	0.966	0.638	0.273
4531	45.30	-0.041	-0.255	-0.376	-0.449	-0.534	-0.672	-0.864	-1.074	-1.248	-1.339
4541	45.40	-1.336	-1.262	-1.165	-1.094	-1.076	-1.104	-1.148	-1.178	-1.179	-1.170
4551	45.50	-1.186	-1.264	-1.416	-1.616	-1.810	-1.936	-1.952	-1.855	-1.679	-1.469
4561	45.60	-1.257	-1.032	-0.748	-0.341	0.228	0.946	1.740	2.490	3.079	3.435
4571	45.70	3.552	3.492	3.349	3.208	3.109	3.039	2.952	2.803	2.575	2.294
4581	45.80	2.012	1.780	1.616	1.503	1.389	1.228	0.997	0.716	0.433	0.205
4591	45.90	0.067	0.015	0.018	0.033	0.035	0.025	0.035	0.103	0.257	0.500
4601	46.00	0.810	1.152	1.496	1.816	2.093	2.304	2.413	2.380	2.181	1.822
4611	46.10	1.354	0.853	0.398	0.027	-0.281	-0.599	-1.016	-1.587	-2.292	-3.026
4621	46.20	-3.635	-3.976	-3.976	-3.673	-3.200	-2.737	-2.439	-2.379	-2.525	-2.763
4631	46.30	-2.949	-2.968	-2.779	-2.416	-1.969	-1.544	-1.224	-1.050	-1.022	-1.112
4641	46.40	-1.281	-1.487	-1.694	-1.865	-1.969	-1.984	-1.902	-1.735	-1.505	-1.236
4651	46.50	-0.944	-0.626	-0.271	0.129	0.562	0.991	1.358	1.608	1.710	1.674
4661	46.60	1.557	1.441	1.407	1.514	1.774	2.160	2.613	3.066	3.458	3.746
4671	46.70	3.905	3.927	3.817	3.590	3.272	2.897	2.501	2.114	1.754	1.430
4681	46.80	1.140	0.886	0.679	0.540	0.491	0.546	0.693	0.892	1.081	1.195
4691	46.90	1.184	1.038	0.784	0.480	0.190	-0.039	-0.198	-0.320	-0.471	-0.722
4701	47.00	-1.122	-1.672	-2.321	-2.968	-3.499	-3.816	-3.875	-3.704	-3.392	-3.066
4711	47.10	-2.848	-2.809	-2.948	-3.193	-3.429	-3.543	-3.463	-3.188	-2.784	-2.354
4721	47.20	-2.002	-1.788	-1.718	-1.742	-1.788	-1.787	-1.712	-1.578	-1.440	-1.368
4731	47.30	-1.417	-1.608	-1.924	-2.313	-2.708	-3.050	-3.303	-3.464	-3.554	-3.614
4741	47.40	-3.680	-3.769	-3.875	-3.964	-3.993	-3.926	-3.754	-3.496	-3.195	-2.898
4751	47.50	-2.627	-2.375	-2.096	-1.735	-1.257	-0.669	-0.033	0.554	0.991	1.223
4761	47.60	1.256	1.164	1.054	1.024	1.122	1.330	1.573	1.759	1.818	1.732
4771	47.70	1.538	1.309	1.117	1.007	0.982	1.017	1.071	1.114	1.133	1.133
4781	47.80	1.120	1.099	1.069	1.036	1.021	1.063	1.203	1.470	1.852	2.295
4791	47.90	2.714	3.028	3.197	3.238	3.230	3.273	3.452	3.792	4.250	4.732
4801	48.00	5.131	5.375	5.448	5.388	5.260	5.117	4.979	4.824	4.620	4.348
4811	48.10	4.031	3.732	3.527	3.465	3.539	3.677	3.764	3.691	3.400	2.910
4821	48.20	2.315	1.743	1.311	1.077	1.028	1.092	1.171	1.189	1.115	0.972
4831	48.30	0.812	0.691	0.641	0.650	0.679	0.672	0.585	0.400	0.131	-0.189
4841	48.40	-0.517	-0.814	-1.054	-1.223	-1.321	-1.356	-1.365	-1.316	-1.304	-1.346
4851	48.50	-1.470	-1.686	-1.971	-2.278	-2.544	-2.713	-2.753	-2.672	-2.520	-2.370
4861	48.60	-2.298	-2.359	-2.567	-2.897	-3.297	-3.703	-4.067	-4.364	-4.592	-4.767
4871	48.70	-4.905	-5.011	-5.076	-5.081	-5.011	-4.861	-4.645	-4.392	-4.135	-3.898
4881	48.80	-3.698	-3.536	-3.408	-3.306	-3.225	-3.157	-3.086	-2.979	-2.795	-2.490
4891	48.90	-2.040	-1.453	-0.777	-0.088	0.530	1.012	1.336	1.522	1.623	1.699
4901	49.00	1.788	1.903	2.030	2.147	2.269	2.349	2.481	2.673	2.927	3.207
4911	49.10	3.450	3.592	3.595	3.477	3.301	3.153	3.102	3.171	3.326	3.497
4921	49.20	3.614	3.642	3.597	3.531	3.498	3.515	3.552	3.541	3.419	3.174
4931	49.30	2.862	2.597	2.498	2.632	2.974	3.409	3.791	4.011	4.060	4.041
4941	49.40	4.122	4.441	5.020	5.717	6.256	6.323	5.694	4.337	2.446	0.381

Table 7-29-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1221 1301-GR-1-1 U-D (U-D) SORACHI BRIDGE MAX. ACC. = -18.860 (GAL) T= 0.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	8.615	10.940	11.284	8.924	3.884	-2.955	-10.076	-15.801	-18.860	-18.816
11	0.10	-16.179	-12.161	-8.171	-5.275	-3.831	-3.453	-3.285	-2.462	-0.528	2.349
21	0.20	5.470	7.915	8.966	8.301	6.262	3.499	0.770	-1.379	-2.766	-3.546
31	0.30	-4.034	-4.479	-4.909	-5.120	-4.806	-3.751	-1.995	0.116	2.021	3.149
41	0.40	3.133	1.961	-0.005	-2.155	-3.847	-4.628	-4.386	-3.367	-2.058	-0.985
51	0.50	-0.511	-0.693	-1.276	-1.802	-1.807	-1.008	0.571	2.603	4.574	5.962
61	0.60	6.416	5.846	4.421	2.463	0.323	-1.731	-3.540	-5.015	-6.064	-6.540
71	0.70	-6.260	-5.085	-3.026	-0.317	2.603	5.207	7.046	7.904	7.854	7.189
81	0.80	6.270	5.338	4.418	3.332	1.842	-0.156	-2.499	-4.744	-6.301	-6.667
91	0.90	-5.638	-3.418	-0.556	2.252	4.410	5.617	5.904	5.539	4.839	3.998
101	1.00	3.019	1.780	0.183	-1.683	-3.509	-4.798	-5.096	-4.183	-2.201	0.362
111	1.10	2.844	4.652	5.683	5.408	4.813	4.199	3.954	4.188	4.706	5.117
121	1.20	5.023	4.217	2.775	1.041	-0.512	-1.466	-1.619	-1.055	-0.105	0.787
131	1.30	1.235	1.050	0.304	-0.704	-1.571	-1.944	-1.662	-0.816	0.276	1.189
141	1.40	1.544	1.147	0.067	-1.395	-2.802	-3.731	-3.894	-3.216	-1.821	0.030
151	1.50	2.030	3.899	5.417	6.435	6.864	6.673	5.909	4.700	3.252	1.797
161	1.60	0.522	-0.505	-1.355	-2.193	-3.164	-4.278	-5.334	-5.952	-5.706	-4.312
171	1.70	-1.793	1.667	4.808	7.489	8.928	8.873	7.449	5.068	2.253	-0.539
181	1.80	-3.026	-5.096	-6.733	-7.915	-8.553	-8.505	-7.653	-5.992	-3.684	-1.048
191	1.90	1.510	3.604	4.954	5.439	5.095	4.086	2.664	1.121	-0.255	-1.225
201	2.00	-1.655	-1.553	-1.072	-0.466	0.001	0.154	-0.027	-0.399	-0.737	-0.845
211	2.10	-0.660	-0.288	0.052	0.135	-0.146	-0.715	-1.344	-1.756	-1.761	-1.346
221	2.20	-0.689	-0.080	0.204	0.006	-0.657	-1.620	-2.644	-3.501	-4.023	-4.116
231	2.30	-3.766	-2.920	-1.702	-0.230	1.265	2.489	3.154	3.087	2.306	1.041
241	2.40	-0.329	-1.413	-1.947	-1.883	-1.383	-0.725	-0.167	0.170	0.345	0.542
251	2.50	0.966	1.721	2.747	3.826	4.665	4.997	4.678	3.730	2.321	0.716
261	2.60	-0.797	-1.973	-2.650	-2.774	-2.402	-1.684	-0.828	-0.057	0.447	0.588
271	2.70	0.377	-0.085	-0.638	-1.123	-1.419	-1.470	-1.284	-0.920	-0.476	-0.078
281	2.80	0.125	-0.015	-0.606	-1.670	-3.095	-4.632	-5.942	-6.684	-6.620	-5.696
291	2.90	-4.054	-1.987	0.158	2.071	3.532	4.416	4.662	4.242	3.166	1.518
301	3.00	-0.488	-2.497	-4.058	-4.747	-4.311	-2.783	-0.498	2.001	4.127	5.440
311	3.10	5.757	5.168	3.946	2.420	0.855	-0.588	-1.826	-2.793	-3.395	-3.512
321	3.20	-3.058	-2.054	-0.665	0.820	2.082	2.878	3.119	2.885	2.360	1.732
331	3.30	1.112	0.495	-0.202	-1.073	-2.149	-3.366	-4.574	-5.591	-6.249	-6.430
341	3.40	-6.079	-5.198	-3.847	-2.163	-0.355	1.301	2.525	3.112	3.014	2.370
351	3.50	1.468	0.631	0.090	-0.113	-0.131	-0.216	-0.581	-1.269	-2.109	-2.785
361	3.60	-2.974	-2.496	-1.402	0.055	1.533	2.749	3.581	4.078	4.379	4.598
371	3.70	4.740	4.690	4.298	3.484	2.331	1.076	0.032	-0.550	-0.586	-0.198
381	3.80	0.351	0.778	0.900	0.702	0.316	-0.063	-0.282	-0.299	-0.192	-0.108
391	3.90	-0.191	-0.515	-1.064	-1.739	-2.394	-2.866	-3.006	-2.703	-1.911	-0.687
401	4.00	0.793	2.236	3.304	3.711	3.332	2.271	0.837	-0.559	-1.566	-2.020
411	4.10	-2.002	-1.771	-1.627	-1.751	-2.112	-2.495	-2.624	-2.325	-1.639	-0.828
421	4.20	-0.257	-0.218	-0.775	-1.718	-2.636	-3.091	-2.796	-1.723	-0.093	1.734
431	4.30	3.408	4.699	5.524	5.900	5.861	5.410	4.534	3.281	1.831	0.512
441	4.40	-0.279	-0.226	0.745	2.386	4.178	5.507	5.893	5.174	3.558	1.525
451	4.50	-0.382	-1.774	-2.544	-2.853	-2.984	-3.164	-3.423	-3.589	-3.397	-2.665
461	4.60	-1.440	-0.019	1.151	1.665	1.354	0.370	-0.862	-1.825	-2.123	-1.664
471	4.70	-0.597	0.593	1.467	1.718	1.294	0.387	-0.663	-1.513	-1.922	-1.797
481	4.80	-1.169	-0.147	1.123	2.465	3.658	4.637	4.534	3.769	2.147	-0.076
491	4.90	-2.418	-4.292	-5.197	-4.887	-3.469	-1.369	0.819	2.536	3.427	3.426

Table 7-29-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1221 1301-GR-1-1 U-D (U-D) SORACHI BRIDGE MAX. ACC. = -18.860 (GAL) T= 0.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	2.718	1.627	0.482	-0.481	-1.140	-1.464	-1.464	-1.170	-0.649	-0.027
511	5.10	0.494	0.680	0.347	-0.545	-1.840	-3.216	-4.299	-4.806	-4.660	-4.012
521	5.20	-3.153	-2.369	-1.797	-1.369	-0.869	-0.076	1.083	2.448	3.662	4.313
531	5.30	4.117	3.055	1.393	-0.420	-1.922	-2.806	-3.002	-2.651	-2.000	-1.269
541	5.40	-0.580	0.044	0.618	1.114	1.433	1.435	1.028	0.256	-0.670	-1.421
551	5.50	-1.664	-1.202	-0.059	1.516	3.131	4.381	4.981	4.829	4.013	2.758
561	5.60	1.346	0.054	-0.886	-1.307	-1.119	-0.331	0.940	2.466	3.953	5.116
571	5.70	5.769	5.894	5.644	5.283	5.067	5.127	5.402	5.657	5.585	4.941
581	5.80	3.661	1.895	-0.035	-1.765	-3.016	-3.693	-3.896	-3.861	-3.845	-4.026
591	5.90	-4.450	-5.030	-5.609	-6.030	-6.193	-6.073	-5.701	-5.134	-4.422	-3.602
601	6.00	-2.710	-1.798	-0.946	-0.242	0.242	0.487	0.544	0.521	0.544	0.699
611	6.10	0.997	1.355	1.629	1.671	1.405	0.873	0.244	-0.223	-0.266	0.288
621	6.20	1.444	3.023	4.687	6.042	6.745	6.603	5.631	4.031	2.120	0.225
631	6.30	-1.407	-2.660	-3.545	-4.138	-4.517	-4.707	-4.676	-4.376	-3.800	-3.025
641	6.40	-2.212	-1.553	-1.187	-1.133	-1.264	-1.362	-1.209	-0.699	0.102	0.968
651	6.50	1.610	1.805	1.496	0.826	0.069	-0.496	-0.717	-0.643	-0.489	-0.524
661	6.60	-0.916	-1.630	-2.417	-2.922	-2.856	-2.152	-1.036	0.032	0.536	0.109
671	6.70	-1.299	-3.380	-5.572	-7.254	-7.963	-7.543	-6.173	-4.265	-2.299	-0.651
681	6.80	0.512	1.231	1.680	2.050	2.454	2.891	3.276	3.509	3.540	3.407
691	6.90	3.212	3.062	3.007	2.999	2.906	2.565	1.864	0.804	-0.481	-1.752
701	7.00	-2.744	-3.254	-3.207	-2.676	-1.853	-0.978	-0.260	0.176	0.315	0.227
711	7.10	0.027	-0.178	-0.317	-0.373	-0.376	-0.389	-0.492	-0.762	-1.258	-1.993
721	7.20	-2.916	-3.900	-4.756	-5.276	-5.295	-4.754	-3.728	-2.411	-1.048	0.150
731	7.30	1.070	1.725	2.210	2.627	3.016	3.323	3.437	3.266	2.821	2.241
741	7.40	1.754	1.578	1.804	2.335	2.911	3.223	3.053	2.388	1.427	0.496
751	7.50	-0.109	-0.263	-0.069	0.203	0.258	-0.055	-0.654	-1.242	-1.445	-0.990
761	7.60	0.148	1.705	3.220	4.201	4.317	3.513	2.016	0.239	-1.373	-2.494
771	7.70	-2.999	-2.969	-2.626	-2.228	-1.977	-1.955	-2.108	-2.273	-2.241	-1.828
781	7.80	-0.947	0.346	1.855	3.290	4.363	4.881	4.826	4.354	3.733	3.228
791	7.90	2.985	2.974	3.012	2.863	2.366	1.529	0.541	-0.308	-0.755	-0.688
801	8.00	-0.188	0.507	1.122	1.460	1.485	1.302	1.079	0.936	0.876	0.788
811	8.10	0.514	-0.041	-0.843	-1.717	-2.415	-2.721	-2.537	-1.915	-1.022	-0.053
821	8.20	0.869	1.633	2.321	2.952	3.521	3.954	4.126	3.927	3.323	2.388
831	8.30	1.293	0.248	-0.560	-1.021	-1.110	-0.867	-0.362	0.334	1.145	1.979
841	8.40	2.707	3.164	3.184	2.657	1.585	0.115	-1.480	-2.863	-3.734	-3.912
851	8.50	-3.400	-2.375	-1.136	-0.015	0.723	0.944	0.602	0.011	-0.818	-1.647
861	8.60	-2.362	-2.924	-3.351	-3.674	-3.896	-3.976	-3.835	-3.397	-2.632	-1.583
871	8.70	-0.369	0.842	1.882	2.621	2.999	3.022	2.743	2.230	1.547	0.740
881	8.80	-0.156	-1.105	-2.058	-2.952	-3.703	-4.223	-4.422	-4.228	-3.599	-2.552
891	8.90	-1.173	0.379	1.891	3.145	3.965	4.268	4.069	3.461	2.554	1.428
901	9.00	0.113	-1.388	-3.034	-4.686	-6.090	-6.925	-6.913	-5.952	-4.191	-2.018
911	9.10	0.058	1.580	2.308	2.292	1.821	1.269	0.926	0.870	0.972	0.999
921	9.20	0.785	0.347	-0.096	-0.232	0.163	1.070	2.194	3.063	3.248	2.579
931	9.30	1.266	-0.156	-1.034	-0.874	0.436	2.558	4.821	6.475	6.970	6.144
941	9.40	4.251	1.835	-0.489	-2.240	-3.190	-3.365	-2.950	-2.183	-1.260	-0.326
951	9.50	0.509	1.126	1.393	1.203	0.536	-0.496	-1.651	-2.618	-3.126	-3.039
961	9.60	-2.403	-1.425	-0.384	0.470	0.997	1.190	1.135	0.961	0.675	0.343
971	9.70	-0.098	-0.678	-1.370	-2.066	-2.604	-2.832	-2.672	-2.166	-1.473	-0.823
981	9.80	-0.434	-0.438	-0.831	-1.471	-2.124	-2.542	-2.540	-2.061	-1.196	-0.157
991	9.90	0.779	1.349	1.378	0.824	-0.206	-1.493	-2.752	-3.702	-4.126	-3.908

Table 7-29-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1221 1301-GR-1-1 U-D (U-D) SORACHI BRIDGE MAX. ACC. = -18.860 (GAL) T= 0.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-3.055	-1.690	-0.028	1.663	3.100	4.044	4.338	3.944	2.954	1.565
1011	10.10	0.033	-1.391	-2.521	-3.265	-3.626	-3.660	-3.434	-2.985	-2.317	-1.433
1021	10.20	-0.373	0.750	1.752	2.427	2.616	2.281	1.534	0.616	-0.184	-0.623
1031	10.30	-0.588	-0.127	0.582	1.302	1.831	2.062	2.007	1.768	1.482	1.270
1041	10.40	1.195	1.261	1.428	1.637	1.837	1.989	2.073	2.082	2.022	1.910
1051	10.50	1.772	1.636	1.513	1.388	1.211	0.911	0.420	-0.292	-1.190	-2.168
1061	10.60	-3.070	-3.727	-4.004	-3.844	-3.283	-2.441	-1.488	-0.601	0.090	0.528
1071	10.70	0.739	0.819	0.885	1.037	1.309	1.658	1.976	2.144	2.081	1.794
1081	10.80	1.379	0.985	0.742	0.689	0.711	0.707	0.366	-0.419	-1.626	-3.047
1091	10.90	-4.342	-5.160	-5.272	-4.660	-3.527	-2.223	-1.113	-0.452	-0.308	-0.566
1101	11.00	-1.000	-1.376	-1.530	-1.610	-1.046	-0.510	0.136	0.855	1.615	2.357
1111	11.10	2.976	3.330	3.296	2.825	1.990	0.975	0.023	-0.646	-0.917	-0.811
1121	11.20	-0.472	-0.091	0.172	0.253	0.199	0.130	0.174	0.406	0.810	1.294
1131	11.30	1.731	2.020	2.130	2.101	2.026	2.001	2.077	2.242	2.422	2.522
1141	11.40	2.662	2.217	1.827	1.379	0.975	0.699	0.583	0.611	0.725	0.854
1151	11.50	0.935	0.928	0.816	0.599	0.280	-0.130	-0.610	-1.118	-1.589	-1.944
1161	11.60	-2.116	-2.075	-1.854	-1.543	-1.262	-1.115	-1.140	-1.285	-1.418	-1.375
1171	11.70	-1.028	-0.340	0.602	1.613	2.473	3.003	3.133	2.922	2.530	2.146
1181	11.80	1.908	1.847	1.879	1.843	1.577	0.996	0.136	-0.853	-1.753	-2.364
1191	11.90	-2.570	-2.378	-1.903	-1.320	-0.790	-0.413	-0.200	-0.102	-0.051	-0.008
1201	12.00	0.019	-0.011	-0.132	-0.328	-0.515	-0.557	-0.323	0.251	1.112	2.090
1211	12.10	2.948	3.454	3.464	2.968	2.078	0.985	-0.121	-1.106	-1.918	-2.569
1221	12.20	-3.096	-3.512	-3.792	-3.881	-3.736	-3.356	-2.808	-2.207	-1.684	-1.339
1231	12.30	-1.209	-1.263	-1.416	-1.566	-1.619	-1.511	-1.213	-0.732	-0.105	0.596
1241	12.40	1.270	1.796	2.059	1.978	1.537	0.801	-0.101	-1.007	-1.766	-2.278
1251	12.50	-2.502	-2.461	-2.208	-1.815	-1.354	-0.899	-0.528	-0.315	-0.314	-0.529
1261	12.60	-0.896	-1.285	-1.543	-1.542	-1.243	-0.716	-0.122	0.352	0.576	0.538
1271	12.70	0.352	0.217	0.319	0.744	1.429	2.171	2.708	2.824	2.447	1.689
1281	12.80	0.810	0.127	-0.102	0.230	1.033	2.065	3.012	3.604	3.702	3.334
1291	12.90	2.671	1.949	1.373	1.042	0.915	0.846	0.657	0.230	-0.428	-1.164
1301	13.00	-1.737	-1.899	-1.507	-0.584	0.673	1.959	2.962	3.467	3.420	2.924
1311	13.10	2.175	1.376	0.658	0.054	-0.479	-1.002	-1.541	-2.063	-2.499	-2.790
1321	13.20	-2.932	-2.982	-3.028	-3.120	-3.223	-3.209	-2.905	-2.191	-1.088	0.201
1331	13.30	1.343	1.980	1.883	1.048	-0.283	-1.705	-2.803	-3.311	-3.201	-2.673
1341	13.40	-2.052	-1.633	-1.558	-1.768	-2.049	-2.156	-1.938	-1.411	-0.748	-0.192
1351	13.50	0.067	-0.017	-0.321	-0.620	-0.689	-0.418	0.138	0.782	1.265	1.394
1361	13.60	1.118	0.545	-0.116	-0.650	-0.926	-0.946	-0.820	-0.702	-0.696	-0.803
1371	13.70	-0.917	-0.882	-0.571	0.039	0.846	1.659	2.281	2.594	2.614	2.482
1381	13.80	2.399	2.530	2.924	3.481	3.992	4.223	4.014	3.369	2.364	1.300
1391	13.90	0.406	-0.146	-0.316	-0.188	0.083	0.342	0.502	0.556	0.560	0.579
1401	14.00	0.642	0.718	0.727	0.585	0.248	-0.265	-0.873	-1.469	-1.960	-2.297
1411	14.10	-2.481	-2.539	-2.498	-2.363	-2.120	-1.754	-1.277	-0.747	-0.251	0.123
1421	14.20	0.334	0.414	0.463	0.616	0.979	1.581	2.355	3.160	3.832	4.253
1431	14.30	4.389	4.285	4.034	3.712	3.335	2.852	2.181	1.275	0.175	-0.960
1441	14.40	-1.893	-2.383	-2.283	-1.613	-0.572	0.516	1.303	1.534	1.131	0.213
1451	14.50	-0.946	-2.020	-2.734	-2.949	-2.687	-2.107	-1.435	-0.887	-0.602	-0.616
1461	14.60	-0.876	-1.268	-1.668	-1.976	-2.140	-2.154	-2.051	-1.880	-1.693	-1.527
1471	14.70	-1.397	-1.298	-1.202	-1.075	-0.881	-0.603	-0.244	0.160	0.556	0.875
1481	14.80	1.056	1.056	0.866	0.517	0.079	-0.346	-0.643	-0.708	-0.478	0.042
1491	14.90	0.766	1.531	2.138	2.400	2.206	1.564	0.610	-0.426	-1.291	-1.791

Table 7-29-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1221 1301-GR-1-1 U-D (U-D) SORACHI BRIDGE MAX. ACC. = -18.860 (GAL) T= 0.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-1.855	-1.559	-1.095	-0.697	-0.561	-0.775	-1.292	-1.958	-2.568	-2.935
1511	15.10	-2.945	-2.581	-1.907	-1.041	-0.115	0.749	1.453	1.928	2.139	2.084
1521	15.20	1.804	1.377	0.905	0.484	0.175	-0.014	-0.129	-0.243	-0.410	-0.633
1531	15.30	-0.847	-0.935	-0.778	-0.306	0.464	1.420	2.391	3.201	3.723	3.916
1541	15.40	3.822	3.536	3.150	2.720	2.243	1.675	0.963	0.091	-0.894	-1.886
1551	15.50	-2.742	-3.351	-3.573	-3.470	-3.103	-2.608	-2.132	-1.790	-1.637	-1.661
1561	15.60	-1.801	-1.974	-2.116	-2.194	-2.217	-2.214	-2.215	-2.222	-2.210	-2.129
1571	15.70	-1.934	-1.606	-1.170	-0.690	-0.242	0.119	0.386	0.607	0.870	1.262
1581	15.80	1.832	2.561	3.357	4.083	4.600	4.814	4.699	4.300	3.713	3.042
1591	15.90	2.376	1.768	1.250	0.849	0.610	0.593	0.855	1.413	2.203	3.076
1601	16.00	3.818	4.213	4.117	3.519	2.553	1.458	0.490	-0.174	-0.507	-0.638
1611	16.10	-0.788	-1.168	-1.873	-2.825	-3.799	-4.509	-4.735	-4.427	-3.733	-2.952
1621	16.20	-2.411	-2.341	-2.778	-3.561	-4.396	-4.976	-5.086	-4.670	-3.818	-2.703
1631	16.30	-1.499	-0.324	0.773	1.787	2.713	3.512	4.118	4.461	4.510	4.287
1641	16.40	3.863	3.324	2.737	2.135	1.530	0.948	0.447	0.126	0.078	0.340
1651	16.50	0.849	1.439	1.896	2.040	1.812	1.304	0.727	0.319	0.234	0.469
1661	16.60	0.859	1.141	1.071	0.523	-0.456	-1.669	-2.851	-3.764	-4.272	-4.364
1671	16.70	-4.126	-3.690	-3.179	-2.691	-2.296	-2.052	-2.008	-2.186	-2.549	-2.986
1681	16.80	-3.320	-3.359	-2.966	-2.127	-0.971	0.256	1.277	1.876	1.971	1.633
1691	16.90	1.048	0.439	-0.015	-0.228	-0.217	-0.064	0.136	0.318	0.465	0.599
1701	17.00	0.755	0.952	1.184	1.417	1.601	1.679	1.600	1.323	0.826	0.121
1711	17.10	-0.732	-1.615	-2.365	-2.805	-2.793	-2.280	-1.329	-0.118	1.114	2.131
1721	17.20	2.775	3.007	2.910	2.650	2.410	2.332	2.472	2.798	3.213	3.598
1731	17.30	3.850	3.903	3.729	3.331	2.726	1.938	1.002	-0.030	-1.087	-2.082
1741	17.40	-2.928	-3.563	-3.959	-4.129	-4.113	-3.957	-3.695	-3.335	-2.875	-2.311
1751	17.50	-1.656	-0.943	-0.216	0.496	1.196	1.919	2.712	3.598	4.535	5.404
1761	17.60	6.033	6.253	5.966	5.201	4.118	2.970	2.014	1.421	1.214	1.259
1771	17.70	1.317	1.136	0.544	-0.494	-1.861	-3.333	-4.644	-5.552	-5.893	-5.598
1781	17.80	-4.695	-3.291	-1.562	0.266	1.941	3.216	3.895	3.871	3.154	1.865
1791	17.90	0.211	-1.564	-3.220	-4.553	-5.407	-5.670	-5.286	-4.260	-2.688	-0.759
1801	18.00	1.259	3.073	4.443	5.262	5.584	5.609	5.594	5.754	6.170	6.759
1811	18.10	7.318	7.615	7.489	6.918	6.012	4.964	3.958	3.104	2.413	1.821
1821	18.20	1.246	0.630	-0.041	-0.757	-1.519	-2.356	-3.319	-4.437	-5.668	-6.878
1831	18.30	-7.862	-8.407	-8.382	-7.790	-6.787	-5.623	-4.558	-3.772	-3.316	-3.124
1841	18.40	-3.066	-3.023	-2.948	-2.873	-2.881	-3.050	-3.393	-3.838	-4.240	-4.421
1851	18.50	-4.238	-3.622	-2.613	-1.343	-0.010	1.182	2.071	2.582	2.739	2.648
1861	18.60	2.448	2.257	2.120	1.995	1.779	1.365	0.714	-0.108	-0.942	-1.592
1871	18.70	-1.913	-1.886	-1.635	-1.382	-1.351	-1.669	-2.310	-3.108	-3.832	-4.291
1881	18.80	-4.418	-4.282	-4.016	-3.875	-3.858	-3.977	-4.128	-4.190	-4.089	-3.824
1891	18.90	-3.451	-3.034	-2.592	-2.091	-1.474	-0.715	0.143	0.981	1.658	2.072
1901	19.00	2.216	2.183	2.106	2.086	2.122	2.101	1.856	1.257	0.295	-0.886
1911	19.10	-2.034	-2.874	-3.214	-3.002	-2.316	-1.306	-0.121	1.141	2.430	3.703
1921	19.20	4.878	5.820	6.378	6.449	6.052	5.344	4.578	4.009	3.795	3.936
1931	19.30	4.283	4.607	4.701	4.455	3.882	3.090	2.209	1.338	0.522	-0.238
1941	19.40	-0.940	-1.554	-2.020	-2.278	-2.308	-2.150	-1.896	-1.643	-1.443	-1.272
1951	19.50	-1.037	-0.621	0.049	0.964	2.015	3.029	3.822	4.247	4.232	3.776
1961	19.60	2.932	1.787	0.455	-0.933	-2.224	-3.259	-3.907	-4.094	-3.834	-3.224
1971	19.70	-2.410	-1.543	-0.722	0.015	0.685	1.314	1.902	2.398	2.717	2.783
1981	19.80	2.570	2.132	1.592	1.107	0.815	0.795	1.059	1.559	2.223	2.973
1991	19.90	3.738	4.442	4.997	5.298	5.250	4.803	3.989	2.931	1.822	0.866

Table 7-29-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1221 1301-GR-1-1 U-D (U-D) SORACHI BRIDGE MAX. ACC. = -18.860 (GAL) T= 0.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.217	-0.077	-0.085	0.042	0.131	0.061	-0.196	-0.577	-0.971	-1.286
2011	20.10	-1.498	-1.677	-1.951	-2.441	-3.191	-4.119	-5.028	-5.670	-5.842	-5.475
2021	20.20	-4.676	-3.698	-2.847	-2.359	-2.300	-2.531	-2.754	-2.630	-1.911	-0.565
2031	20.30	1.300	3.298	5.084	6.377	7.072	7.249	7.116	6.711	6.815	6.896
2041	20.40	7.110	7.367	7.483	7.421	7.110	6.535	5.706	4.641	3.374	1.961
2051	20.50	0.482	-0.963	-2.272	-3.360	-4.167	-4.659	-4.819	-4.646	-4.163	-3.434
2061	20.60	-2.577	-1.751	-1.121	-0.793	-0.765	-0.912	-1.023	-0.887	-0.389	0.427
2071	20.70	1.363	2.140	2.519	2.393	1.838	1.060	0.296	-0.299	-0.722	-1.105
2081	20.80	-1.631	-2.415	-3.426	-4.473	-5.281	-5.607	-5.349	-4.597	-3.598	-2.662
2091	20.90	-2.053	-1.904	-2.203	-2.825	-3.599	-4.365	-5.005	-5.436	-5.602	-5.467
2101	21.00	-5.031	-4.352	-3.562	-2.848	-2.397	-2.334	-2.665	-3.270	-3.945	-4.485
2111	21.10	-4.754	-4.737	-4.524	-4.253	-4.037	-3.910	-3.815	-3.643	-3.293	-2.721
2121	21.20	-1.961	-1.104	-0.248	0.542	1.259	1.935	2.615	3.314	4.004	4.629
2131	21.30	5.134	5.504	5.769	5.995	6.243	6.532	6.821	7.013	7.004	6.725
2141	21.40	6.179	5.449	4.666	3.953	3.384	2.948	2.561	2.109	1.496	0.696
2151	21.50	-0.235	-1.177	-1.981	-2.527	-2.752	-2.661	-2.317	-1.811	-1.234	-0.664
2161	21.60	-0.166	0.201	0.380	0.322	0.003	-0.554	-1.271	-2.028	-2.689	-3.149
2171	21.70	-3.361	-3.350	-3.192	-2.981	-2.783	-2.621	-2.465	-2.264	-1.979	-1.604
2181	21.80	-1.176	-0.758	-0.621	-0.211	-0.153	-0.249	-0.497	-0.898	-1.450	-2.136
2191	21.90	-2.905	-3.662	-4.279	-4.632	-4.629	-4.241	-3.505	-2.511	-1.365	-0.160
2201	22.00	1.040	2.197	3.284	4.264	5.077	5.650	5.918	5.842	5.435	4.767
2211	22.10	3.952	3.131	2.438	1.971	1.768	1.790	1.926	2.016	1.892	1.629
2221	22.20	0.594	-0.538	-1.796	-2.961	-3.839	-4.320	-4.407	-4.203	-3.861	-3.513
2231	22.30	-3.225	-2.979	-2.703	-2.327	-1.828	-1.255	-0.710	-0.306	-0.109	-0.113
2241	22.40	-0.240	-0.375	-0.418	-0.316	-0.073	0.262	0.631	0.994	1.335	1.653
2251	22.50	1.943	2.178	2.312	2.297	2.114	1.785	1.378	0.984	0.688	0.541
2261	22.60	0.551	0.684	0.887	1.107	1.311	1.485	1.630	1.753	1.859	1.947
2271	22.70	2.007	2.025	1.982	1.858	1.660	1.331	0.959	0.577	0.254	0.058
2281	22.80	0.025	0.148	0.366	0.583	0.693	0.616	0.312	-0.205	-0.887	-1.660
2291	22.90	-2.449	-3.178	-3.776	-4.167	-4.280	-4.059	-3.478	-2.563	-1.384	-0.053
2301	23.00	1.311	2.600	3.732	4.655	5.336	5.746	5.862	5.671	5.192	4.484
2311	23.10	3.644	2.788	2.016	1.384	0.892	0.495	0.137	-0.220	-0.571	-0.876
2321	23.20	-1.084	-1.168	-1.149	-1.094	-1.088	-1.196	-1.425	-1.714	-1.957	-2.040
2331	23.30	-1.889	-1.505	-0.958	-0.364	0.161	0.541	0.761	0.862	0.911	0.968
2341	23.40	1.053	1.145	1.193	1.150	1.001	0.779	0.565	0.460	0.550	0.877
2351	23.50	1.421	2.105	2.826	3.482	4.010	4.393	4.661	4.861	5.026	5.157
2361	23.60	5.214	5.132	4.850	4.342	3.630	2.785	1.992	1.070	0.344	-0.269
2371	23.70	-0.800	-1.295	-1.787	-2.277	-2.730	-3.087	-3.292	-3.315	-3.164	-2.578
2381	23.80	-2.520	-2.143	-1.781	-1.443	-1.114	-0.778	-0.435	-0.105	0.167	0.334
2391	23.90	0.360	0.243	0.018	-0.251	-0.493	-0.648	-0.689	-0.628	-0.503	-0.368
2401	24.00	-0.271	-0.251	-0.331	-0.532	-0.871	-1.365	-2.012	-2.779	-3.590	-4.333
2411	24.10	-4.883	-5.146	-5.094	-4.784	-4.344	-3.931	-3.672	-3.619	-3.728	-3.884
2421	24.20	-3.952	-3.835	-3.522	-3.084	-2.651	-2.350	-2.256	-2.366	-2.607	-2.876
2431	24.30	-3.079	-3.169	-3.146	-3.035	-2.862	-2.626	-2.303	-1.860	-1.287	-0.614
2441	24.40	0.091	0.741	1.268	1.648	1.905	2.098	2.289	2.516	2.781	3.051
2451	24.50	3.288	3.461	3.562	3.599	3.572	3.465	3.237	2.838	2.237	1.444
2461	24.60	0.521	-0.429	-1.300	-2.014	-2.549	-2.940	-3.256	-3.558	-3.882	-4.200
2471	24.70	-4.638	-4.505	-4.319	-3.844	-3.094	-2.134	-1.053	0.059	1.129	2.109
2481	24.80	2.976	3.717	4.317	4.756	5.001	5.021	4.795	4.327	3.663	2.891
2491	24.90	2.130	1.510	1.139	1.070	1.280	1.671	2.090	2.374	2.400	2.115

Table 7-29-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1221 1301-GR-1-1 U-D (U-D) SORACHI BRIDGE MAX. ACC. = -18.860 (GAL) T= 0.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.558	0.842	0.119	-0.472	-0.836	-0.949	-0.848	-0.606	-0.304	0.002
2511	25.10	0.287	0.557	0.833	1.135	1.468	1.819	2.158	2.446	2.642	2.712
2521	25.20	2.629	2.384	1.989	1.475	0.886	0.274	-0.321	-0.882	-1.416	-1.950
2531	25.30	-2.514	-3.115	-3.730	-4.297	-4.734	-4.960	-4.927	-4.638	-4.146	-3.540
2541	25.40	-2.924	-2.385	-1.976	-1.713	-1.578	-1.536	-1.553	-1.602	-1.672	-1.764
2551	25.50	-1.884	-2.033	-2.203	-2.372	-2.498	-2.531	-2.419	-2.123	-1.629	-0.955
2561	25.60	-0.145	0.743	1.659	2.572	3.473	4.367	5.251	6.092	6.825	7.359
2571	25.70	7.609	7.526	7.120	6.455	5.630	4.741	3.846	2.960	2.061	1.127
2581	25.80	0.166	-0.770	-1.599	-2.242	-2.666	-2.902	-3.036	-3.172	-3.382	-3.667
2591	25.90	-3.954	-4.129	-4.089	-3.791	-3.272	-2.630	-1.977	-1.385	-0.861	-0.351
2601	26.00	0.210	0.850	1.521	2.100	2.438	2.418	2.014	1.309	0.465	-0.334
2611	26.10	-0.953	-1.350	-1.571	-1.711	-1.857	-2.036	-2.199	-2.248	-2.084	-1.662
2621	26.20	-1.019	-0.268	0.437	0.960	1.221	1.225	1.048	0.812	0.641	0.630
2631	26.30	0.821	1.202	1.706	2.233	2.666	2.895	2.839	2.477	1.850	1.071
2641	26.40	0.296	-0.311	-0.621	-0.580	-0.221	0.344	0.958	1.474	1.790	1.884
2651	26.50	1.808	1.665	1.571	1.618	1.843	2.226	2.698	3.174	3.577	3.863
2661	26.60	4.027	4.089	4.078	4.003	3.838	3.524	2.988	2.176	1.082	-0.226
2671	26.70	-1.612	-2.897	-3.903	-4.502	-4.649	-4.392	-3.851	-3.180	-2.525	-1.983
2681	26.80	-1.595	-1.351	-1.213	-1.145	-1.125	-1.149	-1.225	-1.349	-1.503	-1.647
2691	26.90	-1.732	-1.714	-1.568	-1.300	-0.941	-0.539	-0.152	0.168	0.386	0.485
2701	27.00	0.477	0.403	0.332	0.348	0.533	0.938	1.562	2.335	3.131	3.797
2711	27.10	4.200	4.264	4.004	3.512	2.932	2.402	2.007	1.758	1.590	1.406
2721	27.20	1.123	0.714	0.221	-0.262	-0.630	-0.814	-0.808	-0.673	-0.508	-0.410
2731	27.30	-0.438	-0.594	-0.838	-1.106	-1.362	-1.514	-1.616	-1.651	-1.616	-1.499
2741	27.40	-1.282	-0.965	-0.577	-0.184	0.130	0.287	0.251	0.034	-0.305	-0.690
2751	27.50	-1.063	-1.402	-1.729	-2.091	-2.530	-3.057	-3.644	-4.244	-4.796	-5.263
2761	27.60	-5.635	-5.917	-6.112	-6.207	-6.170	-5.969	-5.596	-5.086	-4.515	-3.980
2771	27.70	-3.559	-3.279	-3.110	-2.973	-2.785	-2.499	-2.125	-1.724	-1.370	-1.109
2781	27.80	-0.924	-0.736	-0.431	0.092	0.871	1.866	2.973	4.062	5.025	5.805
2791	27.90	6.403	6.851	7.176	7.379	7.422	7.259	6.858	6.233	5.452	4.615
2801	28.00	3.820	3.126	2.536	1.996	1.428	0.771	0.007	-0.821	-1.622	-2.290
2811	28.10	-2.741	-2.943	-2.929	-2.783	-2.615	-2.522	-2.553	-2.697	-2.885	-3.015
2821	28.20	-2.991	-2.762	-2.343	-1.819	-1.312	-0.939	-0.772	-0.803	-0.950	-1.090
2831	28.30	-1.109	-0.949	-0.640	-0.286	-0.028	0.014	-0.206	-0.662	-1.169	-1.623
2841	28.40	-1.863	-1.816	-1.495	-0.985	-0.409	0.124	0.551	0.873	1.143	1.441
2851	28.50	1.838	2.372	3.036	3.779	4.525	5.192	5.708	6.025	6.125	6.013
2861	28.60	5.710	5.249	4.658	3.985	3.192	2.362	1.505	0.659	-0.123	-0.782
2871	28.70	-1.255	-1.492	-1.465	-1.184	-0.700	-0.100	0.505	1.011	1.348	1.503
2881	28.80	1.530	1.531	1.623	1.888	2.339	2.899	3.429	3.770	3.803	3.497
2891	28.90	2.918	2.198	1.481	0.860	0.364	-0.135	-0.676	-1.349	-2.148	-2.981
2901	29.00	-3.711	-4.218	-4.457	-4.486	-4.444	-4.488	-4.721	-5.148	-5.668	-6.125
2911	29.10	-6.373	-6.336	-6.041	-5.590	-5.117	-4.722	-4.462	-4.245	-4.063	-3.835
2921	29.20	-3.541	-3.204	-2.872	-2.582	-2.330	-2.064	-1.705	-1.176	-0.443	0.469
2931	29.30	1.478	2.467	3.318	3.967	4.325	4.484	4.502	4.479	4.505	4.632
2941	29.40	4.852	5.106	5.296	5.320	5.110	4.657	4.008	3.250	2.471	1.726
2951	29.50	1.024	0.333	-0.381	-1.129	-1.875	-2.542	-3.051	-3.350	-3.449	-3.409
2961	29.60	-3.319	-3.246	-3.205	-3.161	-3.067	-2.817	-2.476	-2.095	-1.774	-1.602
2971	29.70	-1.600	-1.711	-1.815	-1.778	-1.512	-1.009	-0.339	0.378	1.030	1.546
2981	29.80	1.915	2.170	2.358	2.510	2.631	2.708	2.726	2.684	2.600	2.501
2991	29.90	2.407	2.328	2.268	2.234	2.251	2.355	2.574	2.906	3.301	3.663

Table 7-29-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1221 1301-GR-1-1 U-D (U-D) SORACHI BRIDGE MAX. ACC. = -18.860 (GAL) T= 0.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	3.878	3.854	3.557	3.017	2.319	1.565	0.838	0.181	-0.398	-0.910
3011	30.10	-1.355	-1.718	-1.977	-2.123	-2.178	-2.194	-2.232	-2.327	-2.463	-2.570
3021	30.20	-2.553	-2.332	-1.891	-1.287	-0.632	-0.051	0.369	0.607	0.710	0.756
3031	30.30	0.813	0.908	1.015	1.078	1.035	0.853	0.531	0.099	-0.398	-0.920
3041	30.40	-1.425	-1.876	-2.226	-2.430	-2.458	-2.317	-2.058	-1.771	-1.552	-1.465
3051	30.50	-1.507	-1.605	-1.642	-1.504	-1.128	-0.531	0.189	0.893	1.450	1.778
3061	30.60	1.871	1.791	1.648	1.556	1.610	1.854	2.276	2.810	3.349	3.772
3071	30.70	3.980	3.922	3.623	3.176	2.714	2.354	2.144	2.039	1.911	1.603
3081	30.80	1.015	0.154	-0.839	-1.738	-2.318	-2.447	-2.149	-1.596	-1.035	-0.691
3091	30.90	-0.676	-0.954	-1.376	-1.762	-1.992	-2.056	-2.049	-2.112	-2.367	-2.761
3101	31.00	-3.257	-3.680	-3.892	-3.835	-3.557	-3.184	-2.856	-2.664	-2.616	-2.643
3111	31.10	-2.641	-2.531	-2.294	-1.975	-1.661	-1.433	-1.339	-1.377	-1.511	-1.694
3121	31.20	-1.891	-2.085	-2.274	-2.451	-2.602	-2.707	-2.755	-2.755	-2.736	-2.731
3131	31.30	-2.757	-2.794	-2.786	-2.662	-2.371	-1.915	-1.361	-0.824	-0.421	-0.223
3141	31.40	-0.224	-0.334	-0.415	-0.331	-0.002	0.569	1.298	2.058	2.724	3.215
3151	31.50	3.511	3.649	3.693	3.710	3.743	3.814	3.926	4.072	4.251	4.457
3161	31.60	4.677	4.883	5.039	5.105	5.057	4.898	4.658	4.379	4.095	3.818
3171	31.70	3.528	3.190	2.781	2.303	1.803	1.352	1.014	0.819	0.737	0.687
3181	31.80	0.568	0.309	-0.098	-0.581	-1.012	-1.259	-1.238	-0.950	-0.483	0.026
3191	31.90	0.445	0.701	0.806	0.844	0.936	1.181	1.616	2.206	2.857	3.457
3201	32.00	3.916	4.190	4.287	4.249	4.124	3.945	3.723	3.449	3.107	2.694
3211	32.10	2.225	1.733	1.270	0.889	0.638	0.545	0.616	0.821	1.107	1.400
3221	32.20	1.625	1.727	1.683	1.510	1.249	0.948	0.641	0.327	-0.018	-0.427
3231	32.30	-0.916	-1.466	-2.017	-2.485	-2.798	-2.918	-2.863	-2.702	-2.525	-2.418
3241	32.40	-2.430	-2.564	-2.785	-3.043	-3.294	-3.522	-3.739	-3.970	-4.242	-4.560
3251	32.50	-4.904	-5.224	-5.458	-5.544	-5.441	-5.140	-4.674	-4.112	-3.544	-3.059
3261	32.60	-2.715	-2.525	-2.449	-2.412	-2.334	-2.159	-1.883	-1.557	-1.262	-1.081
3271	32.70	-1.061	-1.187	-1.390	-1.572	-1.637	-1.528	-1.242	-0.831	-0.377	0.025
3281	32.80	0.295	0.379	0.259	-0.048	-0.489	-0.980	-1.422	-1.729	-1.851	-1.804
3291	32.90	-1.668	-1.566	-1.613	-1.868	-2.289	-2.747	-3.064	-3.088	-2.765	-2.169
3301	33.00	-1.484	-0.931	-0.685	-0.800	-1.191	-1.671	-2.040	-2.162	-2.025	-1.732
3311	33.10	-1.446	-1.315	-1.402	-1.667	-1.990	-2.238	-2.323	-2.234	-2.037	-1.830
3321	33.20	-1.695	-1.661	-1.701	-1.751	-1.750	-1.665	-1.501	-1.284	-1.042	-0.787
3331	33.30	-0.514	-0.209	0.130	0.486	0.829	1.133	1.391	1.622	1.864	2.152
3341	33.40	2.491	2.856	3.198	3.467	3.640	3.734	3.799	3.897	4.077	4.353
3351	33.50	4.712	5.124	5.563	6.014	6.468	6.907	7.287	7.538	7.586	7.383
3361	33.60	6.938	6.331	5.686	5.128	4.739	4.515	4.382	4.226	3.954	3.542
3371	33.70	3.051	2.603	2.330	2.308	2.531	2.900	3.273	3.515	3.552	3.390
3381	33.80	3.101	2.783	2.508	2.296	2.111	1.899	1.576	1.157	0.674	0.210
3391	33.90	-0.149	-0.340	-0.353	-0.224	-0.025	0.177	0.336	0.442	0.518	0.593
3401	34.00	0.684	0.779	0.832	0.784	0.584	0.210	-0.316	-0.937	-1.578	-2.171
3411	34.10	-2.676	-3.085	-3.423	-3.722	-4.007	-4.281	-4.526	-4.711	-4.807	-4.801
3421	34.20	-4.694	-4.502	-4.242	-3.931	-3.583	-3.219	-2.866	-2.564	-2.351	-2.247
3431	34.30	-2.248	-2.312	-2.376	-2.377	-2.270	-2.051	-1.751	-1.425	-1.129	-0.900
3441	34.40	-0.753	-0.681	-0.663	-0.678	-0.704	-0.712	-0.668	-0.537	-0.296	0.043
3451	34.50	0.432	0.783	1.006	1.038	0.875	0.580	0.259	0.017	-0.085	-0.053
3461	34.60	0.052	0.152	0.201	0.207	0.232	0.346	0.580	0.892	1.176	1.305
3471	34.70	1.202	0.886	0.481	0.169	0.110	0.363	0.853	1.396	1.778	1.841
3481	34.80	1.555	1.027	0.444	-0.011	-0.240	-0.267	-0.215	-0.237	-0.440	-0.833
3491	34.90	-1.322	-1.762	-2.022	-2.050	-1.894	-1.674	-1.528	-1.550	-1.752	-2.058

Table 7-29-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1221 1301-GR-1-1 U-D (U-D) SORACHI BRIDGE MAX. ACC. = -18.860 (GAL) T= 0.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-2.347	-2.496	-2.436	-2.168	-1.762	-1.321	-0.946	-0.699	-0.590	-0.584
3511	35.10	-0.616	-0.624	-0.568	-0.448	-0.295	-0.168	-0.125	-0.214	-0.446	-0.798
3521	35.20	-1.211	-1.604	-1.891	-1.998	-1.882	-1.543	-1.029	-0.426	0.147	0.569
3531	35.30	0.744	0.629	0.248	-0.305	-0.890	-1.363	-1.617	-1.615	-1.394	-1.048
3541	35.40	-0.684	-0.376	-0.138	0.078	0.353	0.758	1.314	1.976	2.648	3.218
3551	35.50	3.604	3.785	3.800	3.725	3.636	3.571	3.520	3.439	3.276	3.012
3561	35.60	2.676	2.337	2.082	1.970	2.008	2.139	2.263	2.272	2.086	1.689
3571	35.70	1.121	0.468	-0.177	-0.743	-1.200	-1.558	-1.843	-2.079	-2.263	-2.364
3581	35.80	-2.341	-2.164	-1.841	-1.424	-1.003	-0.674	-0.512	-0.535	-0.703	-0.927
3591	35.90	-1.100	-1.134	-0.984	-0.662	-0.228	0.235	0.648	0.957	1.147	1.238
3601	36.00	1.278	1.318	1.401	1.541	1.718	1.884	1.971	1.918	1.693	1.315
3611	36.10	0.851	0.405	0.082	-0.046	0.031	0.263	0.559	0.829	1.018	1.129
3621	36.20	1.204	1.301	1.447	1.622	1.764	1.796	1.676	1.419	1.101	0.821
3631	36.30	0.660	0.635	0.691	0.728	0.652	0.415	0.043	-0.389	-0.798	-1.144
3641	36.40	-1.454	-1.804	-2.277	-2.908	-3.650	-4.386	-4.977	-5.324	-5.417	-5.341
3651	36.50	-5.240	-5.249	-5.436	-5.778	-6.174	-6.502	-6.669	-6.649	-6.484	-6.246
3661	36.60	-5.992	-5.738	-5.455	-5.094	-4.628	-4.076	-3.501	-2.984	-2.586	-2.318
3671	36.70	-2.140	-1.980	-1.774	-1.491	-1.148	-0.785	-0.441	-0.122	0.207	0.604
3681	36.80	1.117	1.750	2.453	3.133	3.687	4.043	4.191	4.188	4.137	4.146
3691	36.90	4.298	4.624	5.099	5.660	6.233	6.752	7.173	7.476	7.656	7.716
3701	37.00	7.656	7.477	7.187	6.803	6.357	5.894	5.459	5.086	4.790	4.563
3711	37.10	4.373	4.177	3.936	3.630	3.261	2.853	2.443	2.062	1.725	1.425
3721	37.20	1.131	0.807	0.423	-0.034	-0.555	-1.118	-1.696	-2.272	-2.835	-3.383
3731	37.30	-3.907	-4.386	-4.788	-5.079	-5.237	-5.272	-5.229	-5.173	-5.170	-5.248
3741	37.40	-5.386	-5.509	-5.509	-5.284	-4.782	-4.018	-3.077	-2.084	-1.163	-0.398
3751	37.50	0.194	0.651	1.045	1.439	1.864	2.305	2.716	3.048	3.280	3.429
3761	37.60	3.551	3.714	3.970	4.332	4.768	5.212	5.589	5.839	5.938	5.902
3771	37.70	5.779	5.635	5.532	5.513	5.591	5.737	5.890	5.960	5.857	5.513
3781	37.80	4.912	4.104	3.196	2.324	1.608	1.106	0.789	0.554	0.257	-0.222
3791	37.90	-0.934	-1.829	-2.782	-3.635	-4.262	-4.617	-4.745	-4.758	-4.783	-4.912
3801	38.00	-5.173	-5.531	-5.915	-6.264	-6.547	-6.768	-6.944	-7.082	-7.157	-7.118
3811	38.10	-6.918	-6.539	-6.019	-5.445	-4.923	-4.530	-4.288	-4.146	-4.010	-3.784
3821	38.20	-3.418	-2.932	-2.412	-1.972	-1.703	-1.637	-1.727	-1.870	-1.947	-1.864
3831	38.30	-1.592	-1.169	-0.885	-0.246	0.066	0.207	0.190	0.061	-0.110	-0.263
3841	38.40	-0.354	-0.366	-0.307	-0.200	-0.077	0.032	0.098	0.102	0.036	-0.098
3851	38.50	-0.279	-0.471	-0.627	-0.700	-0.653	-0.474	-0.188	0.152	0.471	0.696
3861	38.60	0.779	0.705	0.497	0.201	-0.131	-0.464	-0.779	-1.069	-1.325	-1.516
3871	38.70	-1.596	-1.516	-1.251	-0.825	-0.318	0.162	0.510	0.676	0.686	0.640
3881	38.80	0.670	0.880	1.301	1.871	2.457	2.911	3.131	3.098	2.881	2.600
3891	38.90	2.372	2.266	2.277	2.350	2.409	2.396	2.292	2.109	1.871	1.592
3901	39.00	1.274	0.914	0.530	0.171	-0.087	-0.175	-0.064	0.210	0.549	0.833
3911	39.10	0.963	0.906	0.700	0.438	0.214	0.085	0.050	0.064	0.076	0.062
3921	39.20	0.038	0.048	0.127	0.269	0.419	0.498	0.452	0.287	0.084	-0.038
3931	39.30	0.027	0.307	0.733	1.158	1.421	1.418	1.150	0.721	0.286	-0.016
3941	39.40	-0.123	-0.087	0.052	0.127	0.097	-0.026	-0.171	-0.251	-0.213	-0.062
3951	39.50	0.144	0.327	0.432	0.447	0.400	0.340	0.300	0.285	0.269	0.223
3961	39.60	0.134	0.021	-0.076	-0.114	-0.072	0.035	0.170	0.293	0.385	0.462
3971	39.70	0.563	0.725	0.959	1.231	1.471	1.599	1.560	1.351	1.030	0.704
3981	39.80	0.493	0.490	0.733	1.187	1.759	2.324	2.770	3.034	3.126	3.122
3991	39.90	3.134	3.258	3.527	3.885	4.191	4.270	3.979	3.269	2.217	1.012

Table 7-30-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1222 1301-GR-1-1 HB. (HB.) SORACHI BRIDGE MAX. ACC. = -30.547 (GAL) T= 15.73 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.887	-2.064	-3.618	-4.997	-5.553	-4.849	-2.923	-0.349	1.962	3.157
11	0.10	2.838	1.276	-0.696	-2.072	-2.156	-0.901	1.068	2.766	3.348	2.521
21	0.20	0.686	-1.293	-2.536	-2.589	-1.623	-0.287	0.685	0.880	0.412	-0.208
31	0.30	-0.428	-0.043	0.651	1.018	0.492	-1.003	-2.890	-4.156	-3.860	-1.668
41	0.40	1.874	5.520	7.870	8.031	6.046	2.854	-0.193	-2.018	-2.340	-1.768
51	0.50	-1.402	-2.173	-4.279	-7.003	-9.048	-9.190	-6.922	-2.746	2.029	5.879
61	0.60	7.745	7.445	5.642	3.417	1.680	0.760	0.357	-0.143	-1.199	-2.767
71	0.70	-4.277	-4.937	-4.202	-2.124	0.587	2.858	3.727	2.782	0.341	-2.702
81	0.80	-5.264	-6.507	-6.117	-4.339	-1.784	0.856	3.048	4.533	5.295	5.468
91	0.90	5.236	4.768	4.200	3.622	3.061	2.469	1.744	0.798	-0.349	-1.497
101	1.00	-2.298	-2.382	-1.559	0.028	1.886	3.335	3.803	3.102	1.546	-0.165
111	1.10	-1.271	-1.312	-0.363	0.998	1.970	1.930	0.751	-1.128	-2.900	-3.771
121	1.20	-3.314	-1.650	0.648	2.832	4.308	4.847	4.594	3.903	3.116	2.407
131	1.30	1.763	1.086	0.327	-0.433	-0.999	-1.163	-0.807	0.046	1.254	2.618
141	1.40	3.930	4.974	5.504	5.237	3.935	1.555	-1.609	-4.876	-7.323	-8.100
151	1.50	-6.791	-3.656	0.397	4.133	6.477	6.942	5.795	3.873	2.126	1.149
161	1.60	0.916	0.870	0.319	-1.094	-3.104	-4.898	-5.528	-4.450	-1.893	1.151
171	1.70	3.346	3.643	1.805	-1.438	-4.707	-6.611	-6.395	-4.289	-1.376	0.936
181	1.80	1.592	0.382	-1.980	-4.216	-5.087	-3.969	-1.098	2.561	5.765	7.516
191	1.90	7.429	5.796	3.361	0.954	-0.836	-1.808	-2.097	-1.990	-1.728	-1.405
201	2.00	-0.980	-0.379	0.406	1.265	2.000	2.406	2.354	1.837	0.974	-0.030
211	2.10	-0.921	-1.450	-1.409	-0.688	0.665	2.408	4.111	5.246	5.345	4.179
221	2.20	1.888	-1.014	-3.776	-5.657	-6.189	-5.349	-3.567	-1.560	-0.060	0.460
231	2.30	-0.054	-1.252	-2.548	-3.378	-3.425	-2.726	-1.634	-0.641	-0.166	-0.380
241	2.40	-1.146	-2.085	-2.738	-2.750	-1.998	-0.630	1.006	2.496	3.502	3.862
251	2.50	3.612	2.944	2.122	1.391	0.917	0.761	0.885	1.173	1.461	1.580
261	2.60	1.399	0.882	0.124	-0.647	-1.139	-1.107	-0.492	0.502	1.428	1.752
271	2.70	1.084	-0.607	-2.905	-5.058	-6.265	-6.022	-4.376	-1.944	0.332	1.592
281	2.80	1.458	0.209	-1.344	-2.268	-1.981	-0.584	1.152	2.128	1.466	-1.017
291	2.90	-4.643	-8.110	-10.034	-9.558	-6.742	-2.559	1.513	4.092	4.434	2.680
301	3.00	-0.278	-3.218	-5.085	-5.344	-4.070	-1.781	0.848	3.248	5.078	6.219
311	3.10	6.677	6.508	5.810	4.744	3.563	2.559	1.957	1.801	1.912	1.972
321	3.20	1.697	1.022	0.164	-0.468	-0.501	0.165	1.252	2.209	2.482	1.825
331	3.30	0.461	-1.003	-1.886	-1.813	-0.959	-0.006	0.186	-0.956	-3.366	-6.286
341	3.40	-8.563	-9.174	-7.711	-4.597	-0.911	2.096	3.553	3.333	2.047	0.695
351	3.50	0.151	0.742	2.122	3.493	4.035	3.329	1.561	-0.574	-2.214	-2.719
361	3.60	-1.944	-0.258	1.650	3.081	3.579	3.048	1.704	-0.073	-1.876	-3.357
371	3.70	-4.241	-4.322	-3.491	-1.799	0.464	2.763	4.422	4.841	3.738	1.315
381	3.80	-1.762	-4.559	-6.212	-6.237	-4.702	-2.176	0.516	2.624	3.742	3.911
391	3.90	3.526	3.101	3.018	3.365	3.923	4.297	4.116	3.203	1.652	-0.213
401	4.00	-1.967	-3.236	-3.819	-3.727	-3.151	-2.374	-1.677	-1.250	-1.159	-1.334
411	4.10	-1.603	-1.743	-1.541	-0.855	0.334	1.901	3.584	5.038	5.917	5.969
421	4.20	5.118	3.492	1.405	-0.730	-2.508	-3.636	-3.998	-3.652	-2.784	-1.623
431	4.30	-0.380	0.789	1.773	2.470	2.768	2.559	1.786	0.509	-1.064	-2.606
441	4.40	-3.775	-4.342	-4.292	-3.829	-3.281	-2.918	-2.792	-2.675	-2.148	-0.826
451	4.50	1.382	4.117	6.603	7.902	7.294	6.628	0.470	-4.026	-7.511	-8.921
461	4.60	-7.881	-4.826	-0.824	2.851	5.186	5.769	4.852	3.149	1.475	0.403
471	4.70	0.080	0.261	0.514	0.477	0.037	-0.651	-1.278	-1.563	-1.399	-0.895
481	4.80	-0.291	0.171	0.372	0.356	0.286	0.336	0.598	1.040	1.535	1.939
491	4.90	2.161	2.191	2.079	1.868	1.555	1.079	0.370	-0.578	-1.655	-2.636

Table 7-30-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1222 1301-GR-1-1 HB. (HB.) SORACHI BRIDGE MAX. ACC. = -30.547 (GAL) T= 15.73 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-3.255	-3.315	-2.792	-1.882	-0.948	-0.398	-0.521	-1.359	-2.658	-3.938
511	5.10	-4.645	-4.334	-2.836	-0.315	2.761	5.766	8.087	9.290	9.215	7.980
521	5.20	5.915	3.445	0.986	-1.128	-2.672	-3.523	-3.646	-3.097	-2.027	-0.686
531	5.30	0.595	1.482	1.734	1.303	0.384	-0.626	-1.254	-1.127	-0.133	1.518
541	5.40	3.344	4.774	5.355	4.927	3.676	2.042	0.525	-0.526	-1.046	-1.259
551	5.50	-1.535	-2.193	-3.316	-4.686	-5.847	-6.296	-5.693	-4.012	-1.568	1.086
561	5.60	3.355	4.794	5.232	4.767	3.772	2.560	1.454	0.620	0.090	-0.179
571	5.70	-0.238	-0.106	0.231	0.781	1.508	2.309	3.030	3.514	3.652	3.425
581	5.80	2.905	2.227	1.538	0.947	0.492	0.140	-0.188	-0.580	-1.096	-1.735
591	5.90	-2.430	-3.059	-3.474	-3.546	-3.206	-2.481	-1.504	-0.490	0.323	0.749
601	6.00	0.720	0.325	-0.217	-0.624	-0.658	-0.214	0.639	1.681	2.634	3.269
611	6.10	3.498	3.393	3.133	2.897	2.762	2.648	2.343	1.610	0.314	-1.474
621	6.20	-3.469	-5.241	-6.372	-6.606	-5.946	-4.660	-3.185	-1.981	-1.388	-1.539
631	6.30	-2.358	-3.618	-5.032	-6.332	-7.310	-7.818	-7.759	-7.078	-5.770	-3.911
641	6.40	-1.663	0.737	3.022	4.968	6.438	7.400	7.891	7.953	7.578	6.693
651	6.50	5.210	3.107	0.519	-2.235	-4.698	-6.398	-6.998	-6.422	-4.887	-2.833
661	6.60	-0.778	0.855	1.851	2.233	2.195	1.976	1.742	1.529	1.255	0.808
671	6.70	0.132	-0.716	-1.580	-2.276	-2.689	-2.827	-2.827	-2.875	-3.110	-3.545
681	6.80	-4.049	-4.416	-4.471	-4.173	-3.648	-3.134	-2.860	-2.916	-3.178	-3.353
691	6.90	-3.103	-2.224	-0.765	0.957	2.478	3.383	3.494	2.953	2.152	1.547
701	7.00	1.429	1.782	2.285	2.479	1.998	0.773	-0.910	-2.532	-3.566	-3.726
711	7.10	-3.079	-2.001	-0.973	-0.336	-0.133	-0.117	0.090	0.760	1.888	3.167
721	7.20	4.143	4.451	4.014	3.099	2.190	1.740	1.942	2.629	3.359	3.648
731	7.30	3.212	2.116	0.731	-0.452	-1.061	-1.004	-0.466	0.233	0.838	1.292
741	7.40	1.731	2.343	3.186	4.078	4.639	4.472	3.389	1.550	-0.564	-2.357
751	7.50	-3.386	-3.562	-3.174	-2.717	-2.617	-2.999	-3.621	-4.012	-3.738	-2.652
761	7.60	-0.991	0.722	1.946	2.365	2.049	1.379	0.830	0.707	0.987	1.347
771	7.70	1.356	0.730	-0.496	-1.963	-3.161	-3.682	-3.414	-2.596	-1.688	-1.154
781	7.80	-1.246	-1.912	-2.853	-3.674	-4.065	-3.901	-3.237	-2.224	-1.008	0.323
791	7.90	1.731	3.168	4.531	5.662	6.402	6.668	6.496	6.027	5.425	4.803
801	8.00	4.171	3.465	2.627	1.686	0.786	0.136	-0.103	0.080	0.515	0.911
811	8.10	1.000	0.680	0.080	-0.493	-0.697	-0.330	0.571	1.734	2.785	3.410
821	8.20	3.487	3.105	2.483	1.833	1.248	0.683	0.023	-0.802	-1.733	-2.584
831	8.30	-3.135	-3.258	-3.015	-2.644	-2.455	-2.661	-3.253	-3.976	-4.427	-4.235
841	8.40	-3.230	-1.524	0.538	2.523	4.085	5.083	5.585	5.784	5.863	5.891
851	8.50	5.804	5.462	4.763	3.719	2.485	1.296	0.376	-0.156	-0.321	-0.244
861	8.60	-0.088	0.023	0.060	-0.029	-0.166	-0.385	-0.747	-1.320	-2.121	-3.068
871	8.70	-3.973	-4.591	-4.707	-4.217	-3.178	-1.791	-0.334	0.936	1.813	2.271
881	8.80	2.359	2.194	1.904	1.583	1.277	0.993	0.717	0.431	0.124	-0.206
891	8.90	-0.548	-0.873	-1.132	-1.266	-1.224	-0.987	-0.599	-0.166	0.168	0.269
901	9.00	0.066	-0.404	-1.006	-1.541	-1.821	-1.725	-1.241	-0.453	0.699	1.469
911	9.10	2.338	3.018	3.427	3.473	3.056	2.110	0.661	-1.129	-2.967	-4.501
921	9.20	-5.437	-5.649	-5.238	-4.495	-3.782	-3.380	-3.375	-3.630	-3.870	-3.823
931	9.30	-3.354	-2.530	-1.563	-0.686	-0.017	0.506	1.086	1.922	3.055	4.275
941	9.40	5.166	5.274	4.324	2.390	-0.087	-2.440	-4.032	-4.509	-3.933	-2.737
951	9.50	-1.524	-0.802	-0.774	-1.282	-1.918	-2.239	-1.979	-1.165	-0.079	0.886
961	9.60	1.416	1.402	0.964	0.362	-0.134	-0.362	-0.300	-0.032	0.335	0.738
971	9.70	1.174	1.659	2.175	2.629	2.873	2.772	2.286	1.500	0.623	-0.115
981	9.80	-0.551	-0.664	-0.576	-0.486	-0.566	-0.881	-1.363	-1.855	-2.198	-2.312
991	9.90	-2.225	-2.049	-1.908	-1.866	-1.895	-1.894	-1.752	-1.413	-0.912	-0.364

Table 7-30-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1222 1301-GR-1-1 HB. (HB.) SORACHI BRIDGE MAX. ACC. = -30.547 (GAL) T= 15.73 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.093	0.358	0.411	0.312	0.161	0.042	0.010	0.029	0.050	0.025
1011	10.10	-0.064	-0.189	-0.293	-0.313	-0.201	0.068	0.493	1.048	1.674	2.277
1021	10.20	2.727	2.882	2.636	1.972	0.994	-0.073	-0.949	-1.385	-1.263	-0.640
1031	10.30	0.258	1.121	1.664	1.718	1.271	0.443	-0.588	-1.662	-2.685	-3.619
1041	10.40	-4.445	-5.114	-5.532	-5.594	-5.239	-4.507	-3.555	-2.604	-1.856	-1.401
1051	10.50	-1.176	-0.987	-0.600	0.153	1.293	2.689	4.113	5.342	6.240	6.793
1061	10.60	7.071	7.154	7.068	6.755	6.120	5.104	3.759	2.266	0.887	-0.138
1071	10.70	-0.697	-0.860	-0.851	-0.951	-1.368	-2.143	-3.129	-4.058	-4.659	-4.781
1081	10.80	-4.451	-3.856	-3.255	-2.860	-2.755	-2.864	-3.000	-2.948	-2.554	-1.777
1091	10.90	-0.698	0.525	1.709	2.697	3.385	3.728	3.730	3.437	2.931	2.324
1101	11.00	1.738	1.283	1.024	0.951	0.982	0.988	0.865	0.486	-0.066	-0.700
1111	11.10	-1.259	-1.599	-1.646	-1.424	-1.049	-0.684	-0.483	-0.538	-0.847	-1.316
1121	11.20	-1.789	-2.091	-2.075	-1.668	-0.893	0.133	1.214	2.134	2.715	2.874
1131	11.30	2.662	2.248	1.870	1.747	1.993	2.564	3.267	3.826	3.986	3.608
1141	11.40	2.731	1.550	0.348	-0.607	-1.153	-1.262	-1.030	-0.602	-0.114	0.358
1151	11.50	0.789	1.178	1.497	1.681	1.636	1.289	0.638	-0.223	-1.125	-1.875
1161	11.60	-2.324	-2.417	-2.200	-1.785	-1.295	-0.815	-0.369	0.056	0.479	0.884
1171	11.70	1.213	1.382	1.323	1.026	0.546	-0.006	-0.508	-0.866	-1.041	-1.047
1181	11.80	-0.925	-0.722	-0.466	-0.173	0.144	0.451	0.703	0.850	0.867	0.775
1191	11.90	0.638	0.539	0.547	0.679	0.893	1.107	1.236	1.237	1.131	0.996
1201	12.00	0.934	1.024	1.291	1.696	2.154	2.578	2.912	3.150	3.328	3.499
1211	12.10	3.700	3.928	4.140	4.268	4.243	4.022	3.598	2.993	2.247	1.396
1221	12.20	0.465	-0.534	-1.588	-2.670	-3.735	-4.714	-5.531	-6.116	-6.427	-6.455
1231	12.30	-6.225	-5.793	-5.229	-4.609	-4.003	-3.471	-3.052	-2.765	-2.596	-2.502
1241	12.40	-2.416	-2.270	-2.017	-1.658	-1.246	-0.874	-0.635	-0.581	-0.684	-0.842
1251	12.50	-0.910	-0.762	-0.354	0.251	0.894	1.385	1.583	1.457	1.106	0.709
1261	12.60	0.447	0.423	0.611	0.879	1.055	1.007	0.714	0.265	-0.185	-0.493
1271	12.70	-0.598	-0.542	-0.442	-0.426	-0.571	-0.873	-1.263	-1.653	-1.990	-2.274
1281	12.80	-2.546	-2.844	-3.164	-3.444	-3.594	-3.539	-3.270	-2.847	-2.376	-1.950
1291	12.90	-1.597	-1.269	-0.868	-0.307	0.440	1.311	2.179	2.918	3.450	3.777
1301	13.00	3.961	4.070	4.129	4.095	3.887	3.442	2.781	2.030	1.384	1.038
1311	13.10	1.098	1.524	2.140	2.699	2.971	2.833	2.308	1.541	0.741	0.105
1321	13.20	-0.243	-0.276	-0.055	0.301	0.657	0.893	0.929	0.743	0.366	-0.121
1331	13.30	-0.622	-1.056	-1.394	-1.670	-1.967	-2.364	-2.885	-3.459	-3.926	-4.092
1341	13.40	-3.813	-3.063	-1.963	-0.738	0.369	1.190	1.692	1.966	2.161	2.388
1351	13.50	2.654	2.853	2.823	2.442	1.696	0.711	-0.300	-1.114	-1.594	-1.726
1361	13.60	-1.605	-1.376	-1.162	-1.020	-0.950	-0.923	-0.929	-0.993	-1.151	-1.415
1371	13.70	-1.733	-1.991	-2.060	-1.854	-1.387	-0.779	-0.212	0.149	0.229	0.063
1381	13.80	-0.228	-0.512	-0.721	-0.882	-1.089	-1.432	-1.918	-2.422	-2.725	-2.589
1391	13.90	-1.877	-0.633	0.911	2.398	3.470	3.900	3.666	2.951	2.064	1.317
1401	14.00	0.912	0.875	1.074	1.293	1.338	1.127	0.728	0.323	0.122	0.264
1411	14.10	0.739	1.386	1.946	2.178	1.955	1.324	0.480	-0.330	-0.927	-1.294
1421	14.20	-1.584	-2.044	-2.873	-4.087	-5.472	-6.639	-7.175	-6.830	-5.640	-3.925
1431	14.30	-2.168	-0.808	-0.058	0.173	0.215	0.459	1.155	2.284	3.563	4.587
1441	14.40	5.027	4.791	4.069	3.242	2.699	2.663	3.095	3.728	4.204	4.232
1451	14.50	3.712	2.743	1.559	0.407	-0.542	-1.224	-1.651	-1.844	-1.793	-1.460
1461	14.60	-0.822	0.071	1.084	2.019	2.701	3.043	3.081	2.951	2.814	2.779
1471	14.70	2.865	3.014	3.157	3.268	3.393	3.619	4.005	4.522	5.041	5.373
1481	14.80	5.359	4.933	4.152	3.141	2.009	0.779	-0.629	-2.321	-4.324	-6.483
1491	14.90	-8.450	-9.770	-10.046	-9.109	-7.104	-4.461	-1.749	0.517	2.032	2.747

Table 7-30-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1222 1301-GR-1-1 HB. (HB.) SORACHI BRIDGE MAX. ACC. = -30.547 (GAL) T= 15.73 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	2.815	2.459	1.850	1.055	0.068	-1.111	-2.397	-3.614	-4.562	-5.126
1511	15.10	-5.356	-5.464	-5.722	-6.299	-7.128	-7.869	-8.015	-7.102	-4.926	-1.687
1521	15.20	2.031	5.443	7.830	8.782	8.328	6.876	5.027	3.312	1.994	0.997
1531	15.30	-0.008	-1.416	-3.490	-6.206	-9.269	-12.214	-14.574	-16.041	-16.524	-16.123
1541	15.40	-15.016	-13.337	-11.100	-8.208	-4.534	-0.036	5.154	10.710	16.174	21.070
1551	15.50	25.020	27.815	29.419	29.916	29.431	28.070	25.903	22.989	19.419	15.344
1561	15.60	10.958	6.457	1.979	-2.421	-6.763	-11.078	-15.340	-19.428	-23.133	-26.224
1571	15.70	-28.523	-29.957	-30.547	-30.336	-29.297	-27.282	-24.053	-19.407	-13.350	-6.221
1581	15.80	1.288	8.266	13.839	17.442	19.008	18.973	18.088	17.119	16.541	16.374
1591	15.90	16.217	15.472	13.651	10.640	6.790	2.808	-0.505	-2.560	-3.182	-2.651
1601	16.00	-1.548	-0.511	0.006	-0.136	-0.782	-1.621	-2.361	-2.863	-3.056	-3.054
1611	16.10	-2.844	-2.323	-1.313	0.305	2.444	4.702	6.406	6.788	5.248	1.613
1621	16.20	-3.737	-9.923	-15.783	-20.200	-22.401	-22.144	-19.728	-15.858	-11.400	-7.144
1631	16.30	-3.624	-1.038	0.728	2.002	3.199	4.684	6.663	9.113	11.774	14.204
1641	16.40	15.903	16.465	15.718	13.790	11.074	8.095	5.319	2.999	1.120	-0.539
1651	16.50	-2.245	-4.138	-6.140	-7.986	-9.370	-10.120	-10.315	-10.261	-10.325	-10.717
1661	16.60	-11.326	-11.704	-11.231	-9.393	-6.027	-1.441	3.685	8.547	12.509	15.294
1671	16.70	16.978	17.823	18.033	17.588	16.249	13.746	10.041	5.510	0.931	-2.741
1681	16.80	-4.743	-6.810	-3.298	-1.025	1.084	2.403	2.852	2.891	3.246	4.513
1691	16.90	6.819	9.702	12.260	13.491	12.676	9.630	4.744	-1.188	-7.244	-12.636
1701	17.00	-16.847	-19.639	-20.970	-20.903	-19.558	-17.133	-13.940	-10.410	-7.024	-4.191
1711	17.10	-2.116	-0.730	0.283	1.352	2.853	4.954	7.557	10.321	12.772	14.438
1721	17.20	14.957	14.151	12.049	8.881	5.052	1.086	-2.452	-5.074	-6.492	-6.714
1731	17.30	-6.064	-5.096	-4.426	-4.523	-5.544	-7.282	-9.242	-10.820	-11.519	-11.106
1741	17.40	-9.660	-7.506	-5.071	-2.735	-0.732	0.862	2.067	2.921	3.414	3.479
1751	17.50	3.036	2.056	0.616	-1.094	-2.801	-4.218	-5.109	-5.320	-4.788	-3.502
1761	17.60	-1.474	1.278	4.712	8.708	13.010	17.188	20.659	22.784	23.024	21.106
1771	17.70	17.155	11.722	5.678	0.001	-4.489	-7.357	-8.659	-8.878	-8.713	-8.802
1781	17.80	-9.485	-10.696	-12.025	-12.922	-12.948	-11.967	-10.199	-8.131	-6.311	-5.144
1791	17.90	-4.749	-4.945	-5.343	-5.490	-5.009	-3.671	-1.410	1.696	5.460	9.579
1801	18.00	13.645	17.156	19.594	20.556	19.897	17.834	14.928	11.955	9.661	8.516
1811	18.10	8.551	9.343	10.166	10.249	9.033	6.352	2.453	-2.110	-6.673	-10.655
1821	18.20	-13.683	-15.631	-16.576	-16.727	-16.358	-15.774	-15.275	-15.132	-15.526	-16.476
1831	18.30	-17.789	-19.063	-19.781	-19.472	-17.880	-15.093	-11.544	-7.889	-4.794	-2.708
1841	18.40	-1.719	-1.548	-1.674	-1.551	-0.798	0.690	2.763	5.145	7.585	9.968
1851	18.50	12.314	14.694	17.096	19.339	21.073	21.886	21.471	19.756	16.944	13.438
1861	18.60	9.674	5.973	2.455	-0.919	-4.219	-7.402	-10.240	-12.377	-13.476	-13.403
1871	18.70	-12.326	-10.678	-8.982	-7.621	-6.660	-5.833	-4.681	-2.815	-0.141	3.041
1881	18.80	6.142	8.529	9.809	10.008	9.550	9.064	9.081	9.798	10.988	12.110
1891	18.90	12.555	11.903	10.076	7.339	4.150	0.971	-1.879	-4.254	-6.122	-7.453
1901	19.00	-8.162	-8.128	-7.286	-5.735	-3.776	-1.858	-0.428	0.234	0.111	-0.560
1911	19.10	-1.401	-2.059	-2.326	-2.180	-1.728	-1.100	-0.376	0.417	1.246	1.974
1921	19.20	2.323	1.923	0.450	-2.201	-5.803	-9.809	-13.487	-16.154	-17.388	-17.151
1931	19.30	-15.768	-13.773	-11.705	-9.929	-8.546	-7.420	-6.275	-4.824	-2.867	-0.335
1941	19.40	2.706	6.086	9.560	12.835	15.600	17.565	18.513	18.360	17.188	15.232
1951	19.50	12.836	10.367	8.138	6.354	5.096	4.344	4.002	3.930	3.961	3.922
1961	19.60	3.663	3.110	2.315	1.478	0.918	0.968	1.842	3.502	5.617	7.615
1971	19.70	8.860	8.865	7.474	4.929	1.792	-1.261	-3.668	-5.174	-5.878	-6.149
1981	19.80	-6.430	-7.044	-8.058	-9.274	-10.335	-10.886	-10.713	-9.813	-8.358	-6.599
1991	19.90	-4.753	-2.943	-1.190	0.522	2.182	3.708	4.967	5.830	6.248	6.287

Table 7-30-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1222 1301-GR-1-1 HB. (HB.) SORACHI BRIDGE MAX. ACC. = -30.547 (GAL) T= 15.73 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	6.092	5.819	5.531	5.148	4.469	3.268	1.427	-0.960	-3.567	-5.928
2011	20.10	-7.602	-8.352	-8.244	-7.632	-7.009	-6.804	-7.189	-8.092	-8.813	-9.103
2021	20.20	-8.493	-6.906	-4.612	-2.123	0.001	1.348	1.781	1.438	0.628	-0.323
2031	20.30	-1.187	-1.875	-2.387	-2.721	-2.807	-2.495	-1.633	-0.159	1.822	4.050
2041	20.40	6.200	8.014	9.410	10.497	11.482	12.520	13.567	14.333	14.368	13.254
2051	20.50	10.814	7.258	3.161	-0.695	-3.580	-5.052	-5.079	-4.005	-2.379	-0.737
2061	20.60	0.568	1.420	1.876	2.032	1.911	1.423	0.426	-1.151	-3.202	-5.417
2071	20.70	-7.347	-8.559	-8.795	-8.066	-6.648	-4.967	-3.437	-2.322	-1.658	-1.292
2081	20.80	-0.973	-0.484	0.268	1.225	2.216	3.040	3.549	3.707	3.592	3.365
2091	20.90	3.204	3.248	3.550	4.066	4.671	5.200	5.498	5.460	5.047	4.278
2101	21.00	3.198	1.839	0.197	-1.759	-4.039	-6.580	-9.192	-11.564	-13.321	-14.128
2111	21.10	-13.807	-12.412	-10.229	-7.693	-5.255	-3.252	-1.820	-0.906	-0.333	0.081
2121	21.20	0.441	0.739	0.894	0.822	0.516	0.070	-0.346	-0.555	-0.450	-0.034
2131	21.30	0.587	1.250	1.808	2.172	2.331	2.328	2.218	2.034	1.775	1.411
2141	21.40	0.904	0.227	-0.628	-1.659	-2.855	-4.201	-5.665	-7.191	-8.692	-10.056
2151	21.50	-11.169	-11.934	-12.287	-12.208	-11.709	-10.828	-9.620	-8.157	-6.514	-4.758
2161	21.60	-2.919	-0.979	1.129	3.480	6.092	8.857	11.510	13.664	14.925	15.039
2171	21.70	14.014	12.169	10.045	8.237	7.179	6.993	7.468	8.171	8.647	8.628
2181	21.80	8.128	7.408	6.817	6.592	6.719	6.919	6.779	5.969	4.319	2.090
2191	21.90	-0.294	-2.319	-3.607	-4.041	-3.781	-3.160	-2.527	-2.097	-1.895	-1.790
2201	22.00	-1.591	-1.154	-0.451	0.434	1.358	2.193	2.871	3.394	3.805	4.149
2211	22.10	4.445	4.677	4.811	4.813	4.655	4.315	3.770	3.001	2.010	0.844
2221	22.20	-0.394	-1.554	-2.487	-3.097	-3.393	-3.494	-3.592	-3.880	-4.471	-5.358
2231	22.30	-6.409	-7.433	-8.245	-8.743	-8.927	-8.876	-8.692	-8.437	-8.101	-7.609
2241	22.40	-6.860	-5.785	-4.381	-2.720	-0.924	0.872	2.555	4.041	5.261	6.138
2251	22.50	6.576	6.473	5.764	4.472	2.744	0.840	-0.915	-2.227	-2.928	-3.031
2261	22.60	-2.728	-2.318	-2.093	-2.222	-2.691	-3.307	-3.783	-3.861	-3.423	-2.539
2271	22.70	-1.444	-0.437	0.237	0.484	0.388	0.163	0.059	0.259	0.817	1.655
2281	22.80	2.613	3.525	4.268	4.779	5.027	4.976	4.564	3.713	2.376	0.600
2291	22.90	-1.471	-3.594	-5.503	-6.990	-7.957	-8.428	-8.501	-8.281	-7.815	-7.080
2301	23.00	-6.016	-4.590	-2.854	-0.957	0.894	2.513	3.808	4.816	5.674	6.547
2311	23.10	7.540	8.639	9.721	10.605	11.141	11.278	11.083	10.703	10.284	9.897
2321	23.20	9.487	8.887	7.874	6.251	3.925	0.950	-2.472	-6.024	-9.328	-12.016
2331	23.30	-13.785	-14.452	-13.981	-12.495	-10.255	-7.609	-4.925	-2.513	-0.574	0.828
2341	23.40	1.754	2.342	2.763	3.174	3.691	4.385	5.279	6.347	7.507	8.615
2351	23.50	9.485	9.918	9.762	8.968	7.623	5.937	4.193	2.655	1.492	0.735
2361	23.60	0.285	-0.028	-0.369	-0.792	-1.300	-1.780	-2.098	-2.153	-1.913	-1.424
2371	23.70	-0.787	-0.131	0.417	0.731	0.697	0.216	-0.768	-2.226	-4.007	-5.832
2381	23.80	-7.330	-8.126	-7.954	-6.748	-4.684	-2.135	0.426	2.564	4.002	4.675
2391	23.90	4.714	4.366	3.889	3.468	3.169	2.962	2.765	2.507	2.162	1.753
2401	24.00	1.316	0.861	0.343	-0.342	-1.323	-2.704	-4.508	-6.643	-8.901	-10.997
2411	24.10	-12.624	-13.531	-13.584	-12.794	-11.318	-9.407	-7.337	-5.337	-3.534	-1.937
2421	24.20	-0.472	0.954	2.389	3.787	5.007	5.864	6.197	5.943	5.177	4.090
2431	24.30	2.939	1.963	1.321	1.062	1.141	1.461	1.916	2.419	2.901	3.296
2441	24.40	3.524	3.503	3.178	2.557	1.729	0.857	0.121	-0.346	-0.510	-0.444
2451	24.50	-0.298	-0.223	-0.315	-0.583	-0.970	-1.403	-1.848	-2.327	-2.891	-3.559
2461	24.60	-4.265	-4.848	-5.099	-4.858	-4.109	-3.014	-1.875	-1.016	-0.650	-0.777
2471	24.70	-1.182	-1.523	-1.479	-0.890	0.180	1.477	2.669	3.482	3.789	3.619
2481	24.80	3.094	2.333	1.392	0.259	-1.085	-2.582	-4.060	-5.257	-5.924	-5.939
2491	24.90	-5.380	-4.516	-3.698	-3.205	-3.126	-3.319	-3.484	-3.314	-2.645	-1.536

Table 7-30-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1222 1301-GR-1-1 HB. (HB.) SORACHI BRIDGE MAX. ACC. = -30.547 (GAL) T= 15.73 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.246	0.883	1.579	1.745	1.486	1.029	0.612	0.373	0.313	0.336
2511	25.10	0.341	0.285	0.224	0.274	0.528	0.996	1.589	2.164	2.606	2.897
2521	25.20	3.123	3.420	3.882	4.478	5.042	5.337	5.172	4.512	3.516	2.480
2531	25.30	1.710	1.375	1.419	1.585	1.523	0.960	-0.168	-1.683	-3.226	-4.406
2541	25.40	-4.948	-4.781	-4.029	-2.919	-1.658	-0.349	1.029	2.558	4.288	6.171
2551	25.50	8.040	9.666	10.844	11.467	11.543	11.165	10.432	9.393	8.027	6.288
2561	25.60	4.179	1.814	-0.570	-2.668	-4.207	-5.048	-5.238	-4.988	-4.587	-4.289
2571	25.70	-4.231	-4.400	-4.679	-4.916	-5.008	-4.933	-4.740	-4.504	-4.277	-4.057
2581	25.80	-3.806	-3.479	-3.060	-2.566	-2.031	-1.462	-0.817	-0.014	1.028	2.323
2591	25.90	3.773	5.172	6.258	6.803	6.703	6.020	4.956	3.781	2.730	1.931
2601	26.00	1.388	1.016	0.720	0.454	0.255	0.209	0.395	0.823	1.406	1.977
2611	26.10	2.350	2.383	2.027	1.327	0.386	-0.679	-1.780	-2.868	-3.910	-4.870
2621	26.20	-5.685	-6.273	-6.566	-6.538	-6.221	-5.696	-5.050	-4.340	-3.573	-2.714
2631	26.30	-1.730	-0.636	0.477	1.456	2.128	2.371	2.155	1.562	0.749	-0.110
2641	26.40	-0.888	-1.532	-2.062	-2.532	-2.983	-3.415	-3.791	-4.066	-4.231	-4.331
2651	26.50	-4.456	-4.700	-5.105	-5.621	-6.103	-6.351	-6.180	-5.494	-4.330	-2.857
2661	26.60	-1.322	0.031	1.043	1.685	2.065	2.376	2.816	3.521	4.511	5.693
2671	26.70	6.908	8.000	8.874	9.534	10.068	10.594	11.191	11.854	12.473	12.872
2681	26.80	12.870	12.353	11.313	9.848	8.117	6.276	4.417	2.556	0.651	-1.345
2691	26.90	-3.430	-5.519	-7.457	-9.063	-10.189	-10.772	-10.844	-10.520	-9.950	-9.275
2701	27.00	-8.597	-7.970	-7.415	-6.931	-6.508	-6.127	-5.751	-5.324	-4.780	-4.061
2711	27.10	-3.141	-2.040	-0.827	0.400	1.537	2.498	3.226	3.696	3.907	3.883
2721	27.20	3.666	3.322	2.933	2.587	2.353	2.252	2.249	2.260	2.187	1.962
2731	27.30	1.591	1.159	0.801	0.655	0.795	1.195	1.731	2.228	2.529	2.560
2741	27.40	2.358	2.058	1.830	1.814	2.055	2.490	2.978	3.357	3.513	3.423
2751	27.50	3.161	2.859	2.653	2.627	2.782	3.047	3.306	3.452	3.419	3.197
2761	27.60	2.818	2.331	1.772	1.149	0.455	-0.318	-1.156	-2.020	-2.857	-3.630
2771	27.70	-4.335	-5.010	-5.709	-6.472	-7.283	-8.065	-8.698	-9.067	-9.115	-8.875
2781	27.80	-8.458	-8.003	-7.607	-7.272	-6.902	-6.344	-5.477	-4.284	-2.889	-1.528
2791	27.90	-0.463	0.123	0.202	-0.092	-0.523	-0.864	-0.992	-0.939	-0.863	-0.954
2801	28.00	-1.331	-1.956	-2.634	-3.079	-3.031	-2.359	-1.121	0.455	2.054	3.388
2811	28.10	4.286	4.731	4.840	4.786	4.722	4.719	4.754	4.739	4.575	4.212
2821	28.20	3.670	3.038	2.440	1.986	1.734	1.674	1.738	1.835	1.885	1.851
2831	28.30	1.748	1.626	1.551	1.572	1.707	1.943	2.250	2.600	2.985	3.409
2841	28.40	3.876	4.373	4.859	5.267	5.530	5.609	5.507	5.271	4.965	4.636
2851	28.50	4.286	3.869	3.320	2.600	1.738	0.837	0.050	-0.488	-0.727	-0.742
2861	28.60	-0.724	-0.914	-1.510	-2.587	-4.053	-5.683	-7.196	-8.360	-9.073	-9.385
2871	28.70	-9.461	-9.501	-9.641	-9.903	-10.183	-10.300	-10.077	-9.416	-8.331	-6.947
2881	28.80	-5.448	-4.006	-2.733	-1.645	-0.683	0.253	1.247	2.330	3.462	4.539
2891	28.90	5.428	5.997	6.155	5.869	5.175	4.163	2.968	1.745	0.640	-0.231
2901	29.00	-0.810	-1.114	-1.226	-1.280	-1.417	-1.737	-2.261	-2.912	-3.533	-3.938
2911	29.10	-3.970	-3.562	-2.755	-1.688	-0.543	0.518	1.400	2.099	2.674	3.204
2921	29.20	3.744	4.298	4.828	5.289	5.669	6.003	6.367	6.830	7.411	8.048
2931	29.30	8.606	8.919	8.860	8.388	7.575	6.576	5.578	4.733	4.113	3.702
2941	29.40	3.422	3.173	2.875	2.482	1.975	1.364	0.572	-0.362	-1.462	-2.689
2951	29.50	-3.944	-5.083	-5.947	-6.415	-6.446	-6.093	-5.487	-4.783	-4.113	-3.542
2961	29.60	-3.062	-2.614	-2.135	-1.597	-1.035	-0.535	-0.199	-0.098	-0.239	-0.551
2971	29.70	-0.905	-1.159	-1.209	-1.022	-0.649	-0.197	0.210	0.475	0.565	0.509
2981	29.80	0.382	0.268	0.223	0.259	0.346	0.437	0.488	0.483	0.429	0.346
2991	29.90	0.246	0.120	-0.057	-0.316	-0.666	-1.088	-1.534	-1.950	-2.302	-2.590

Table 7-30-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1222 1301-GR-1-1 HB. (HB.) SORACHI BRIDGE MAX. ACC. = -30.547 (GAL) T= 15.73 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-2.854	-3.141	-3.480	-3.851	-4.182	-4.374	-4.339	-4.040	-3.517	-2.865
3011	30.10	-2.205	-1.635	-1.188	-0.836	-0.505	-0.119	0.359	0.911	1.472	1.961
3021	30.20	2.321	2.536	2.633	2.659	2.650	2.609	2.498	2.260	1.845	1.240
3031	30.30	0.482	-0.344	-1.128	-1.766	-2.180	-2.339	-2.257	-1.986	-1.599	-1.174
3041	30.40	-0.773	-0.438	-0.182	0.004	0.137	0.231	0.279	0.258	0.136	-0.110
3051	30.50	-0.470	-0.898	-1.317	-1.642	-1.816	-1.827	-1.708	-1.518	-1.304	-1.068
3061	30.60	-0.760	-0.300	0.381	1.293	2.357	3.419	4.292	4.822	4.940	4.688
3071	30.70	4.197	3.640	3.171	2.677	2.771	2.803	2.898	2.992	3.041	3.023
3081	30.80	2.920	2.706	2.347	1.821	1.136	0.338	-0.488	-1.247	-1.858	-2.277
3091	30.90	-2.505	-2.571	-2.521	-2.397	-2.238	-2.079	-1.956	-1.900	-1.922	-1.995
3101	31.00	-2.050	-1.996	-1.759	-1.328	-0.777	-0.257	0.057	0.047	-0.299	-0.862
3111	31.10	-1.442	-1.841	-1.954	-1.818	-1.597	-1.497	-1.667	-2.108	-2.662	-3.070
3121	31.20	-3.087	-2.588	-1.634	-0.449	0.666	1.454	1.788	1.711	1.387	1.020
3131	31.30	0.769	0.692	0.757	0.884	1.000	1.080	1.140	1.217	1.326	1.446
3141	31.40	1.531	1.541	1.481	1.412	1.436	1.669	2.115	2.824	3.708	4.660
3151	31.50	5.582	6.604	7.091	7.631	8.015	8.228	8.253	8.088	7.759	7.320
3161	31.60	6.835	6.349	5.873	5.376	4.808	4.133	3.355	2.522	1.708	0.976
3171	31.70	0.345	-0.219	-0.785	-1.415	-2.126	-2.870	-3.550	-4.060	-4.337	-4.397
3181	31.80	-4.334	-4.286	-4.379	-4.679	-5.166	-5.746	-6.293	-6.703	-6.937	-7.033
3191	31.90	-7.092	-7.227	-7.523	-7.995	-8.575	-9.134	-9.514	-9.577	-9.243	-8.515
3201	32.00	-7.477	-6.267	-5.042	-3.941	-3.048	-2.384	-1.917	-1.578	-1.291	-0.994
3211	32.10	-0.648	-0.230	0.268	0.852	1.524	2.271	3.062	3.837	4.520	5.037
3221	32.20	5.341	5.422	5.312	5.061	4.719	4.306	3.809	3.197	2.444	1.550
3231	32.30	0.559	-0.454	-1.414	-2.265	-2.993	-3.616	-4.160	-4.630	-4.991	-5.178
3241	32.40	-5.125	-4.805	-4.255	-3.578	-2.905	-2.344	-1.937	-1.641	-1.352	-0.960
3251	32.50	-0.410	0.260	0.928	1.429	1.634	1.504	1.109	0.607	0.172	-0.076
3261	32.60	-0.120	-0.065	0.011	-0.078	-0.357	-0.772	-1.189	-1.454	-1.454	-1.165
3271	32.70	-0.650	-0.024	0.605	1.177	1.705	2.253	2.899	3.684	4.589	5.531
3281	32.80	6.392	7.052	7.429	7.494	7.273	6.837	6.279	5.701	5.189	4.804
3291	32.90	4.563	4.432	4.328	4.141	3.765	3.143	2.289	1.297	0.310	-0.528
3301	33.00	-1.128	-1.483	-1.668	-1.799	-1.977	-2.238	-2.543	-2.793	-2.891	-2.793
3311	33.10	-2.542	-2.263	-2.111	-2.215	-2.624	-3.295	-4.115	-4.954	-5.714	-6.357
3321	33.20	-6.891	-7.339	-7.691	-7.885	-7.822	-7.403	-6.578	-5.386	-3.962	-2.403
3331	33.30	-0.908	0.470	1.741	2.973	4.240	5.570	6.914	8.158	9.168	9.844
3341	33.40	10.163	10.179	9.994	9.701	9.343	8.897	8.296	7.478	6.428	5.208
3351	33.50	3.936	2.766	1.734	0.927	0.278	-0.300	-0.887	-1.514	-2.157	-2.750
3361	33.60	-3.229	-3.563	-3.768	-3.896	-4.005	-4.125	-4.248	-4.339	-4.359	-4.294
3371	33.70	-4.167	-4.023	-3.906	-3.833	-3.789	-3.733	-3.632	-3.481	-3.308	-3.156
3381	33.80	-3.051	-2.976	-2.863	-2.619	-2.169	-1.500	-0.679	0.167	0.896	1.409
3391	33.90	1.689	1.810	1.904	2.106	2.513	3.149	3.972	4.901	5.840	6.706
3401	34.00	7.436	7.979	8.296	8.356	8.151	7.702	7.062	6.302	5.491	4.672
3411	34.10	3.859	3.043	2.218	1.403	0.643	-0.001	-0.482	-0.791	-0.963	-1.058
3421	34.20	-1.123	-1.170	-1.167	-1.067	-0.851	-0.564	-0.320	-0.265	-0.502	-1.031
3431	34.30	-1.727	-2.368	-2.729	-2.680	-2.258	-1.665	-1.197	-1.120	-1.558	-2.436
3441	34.40	-3.506	-4.447	-4.996	-5.047	-4.684	-4.134	-3.664	-3.471	-3.614	-4.015
3451	34.50	-4.512	-4.944	-5.218	-5.332	-5.348	-5.331	-5.294	-5.181	-4.881	-4.291
3461	34.60	-3.367	-2.159	-0.810	0.500	1.607	2.426	2.965	3.309	3.574	3.852
3471	34.70	4.172	4.496	4.738	4.808	4.652	4.273	3.730	3.112	2.505	1.962
3481	34.80	1.494	1.074	0.658	0.217	-0.251	-0.714	-1.117	-1.405	-1.543	-1.528
3491	34.90	-1.395	-1.200	-1.001	-0.841	-0.737	-0.679	-0.642	-0.607	-0.574	-0.567

Table 7-30-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1222 1301-GR-1-1 HB. (HB.) SORACHI BRIDGE MAX. ACC. = -30.547 (GAL) T= 15.73 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.628	-0.798	-1.091	-1.484	-1.913	-2.296	-2.557	-2.659	-2.618	-2.497
3511	35.10	-2.375	-2.311	-2.318	-2.355	-2.346	-2.225	-1.974	-1.640	-1.326	-1.142
3521	35.20	-1.151	-1.331	-1.571	-1.712	-1.611	-1.211	-0.571	0.147	0.735	1.016
3531	35.30	0.911	0.459	-0.205	-0.907	-1.504	-1.921	-2.163	-2.278	-2.323	-2.322
3541	35.40	-2.261	-2.105	-1.824	-1.419	-0.921	-0.383	0.152	0.666	1.166	1.666
3551	35.50	2.165	2.629	2.998	3.213	3.242	3.102	2.859	2.602	2.408	2.311
3561	35.60	2.295	2.305	2.276	2.165	1.961	1.687	1.580	1.069	0.767	0.468
3571	35.70	0.162	-0.153	-0.470	-0.774	-1.055	-1.317	-1.574	-1.849	-2.151	-2.477
3581	35.80	-2.808	-3.124	-3.414	-3.694	-3.991	-4.339	-4.751	-5.209	-5.664	-6.044
3591	35.90	-6.277	-6.304	-6.086	-5.604	-4.853	-3.841	-2.594	-1.162	0.374	1.907
3601	36.00	3.329	4.554	5.541	6.297	6.860	7.269	7.534	7.625	7.485	7.062
3611	36.10	6.351	5.416	4.382	3.403	2.619	2.106	1.870	1.852	1.968	2.141
3621	36.20	2.326	2.508	2.683	2.841	2.958	3.005	2.968	2.874	2.783	2.776
3631	36.30	2.916	3.219	3.646	4.120	4.563	4.933	5.234	5.508	5.787	6.062
3641	36.40	6.262	6.277	6.011	5.437	4.629	3.748	2.979	2.448	2.164	2.001
3651	36.50	1.782	1.288	0.439	-0.703	-1.946	-3.042	-3.793	-4.131	-4.138	-4.005
3661	36.60	-3.937	-4.069	-4.407	-4.841	-5.203	-5.349	-5.220	-4.861	-4.385	-3.918
3671	36.70	-3.545	-3.282	-3.089	-2.902	-2.669	-2.378	-2.043	-1.696	-1.359	-1.045
3681	36.80	-0.758	-0.501	-0.282	-0.099	0.076	0.306	0.679	1.267	2.083	3.042
3691	36.90	3.971	4.657	4.927	4.717	4.103	3.279	2.474	1.857	1.478	1.255
3701	37.00	1.034	0.671	0.114	-0.574	-1.249	-1.760	-2.026	-2.074	-2.016	-1.984
3711	37.10	-2.055	-2.210	-2.342	-2.324	-2.081	-1.642	-1.141	-0.758	-0.641	-0.847
3721	37.20	-1.319	-1.925	-2.523	-3.024	-3.414	-3.742	-4.065	-4.409	-4.742	-4.996
3731	37.30	-5.110	-5.071	-4.922	-4.742	-4.594	-4.486	-4.358	-4.114	-3.675	-3.035
3741	37.40	-2.285	-1.582	-1.088	-0.899	-1.000	-1.271	-1.542	-1.662	-1.568	-1.299
3751	37.50	-0.974	-0.725	-0.641	-0.725	-0.901	-1.052	-1.074	-0.915	-0.588	-0.147
3761	37.60	0.348	0.861	1.398	1.986	2.649	3.374	4.108	4.765	5.259	5.544
3771	37.70	5.629	5.576	5.472	5.391	5.358	5.336	5.248	5.009	4.571	3.955
3781	37.80	3.250	2.589	2.103	1.874	1.913	2.167	2.545	2.961	3.369	3.765
3791	37.90	4.174	4.611	5.055	5.441	5.682	5.706	5.496	5.104	4.639	4.222
3801	38.00	3.933	3.783	3.711	3.614	3.397	3.011	2.470	1.827	1.145	0.455
3811	38.10	-0.250	-1.003	-1.834	-2.737	-3.668	-4.564	-5.376	-6.104	-6.795	-7.518
3821	38.20	-8.318	-9.176	-9.998	-10.647	-11.003	-11.015	-10.735	-10.296	-9.861	-9.555
3831	38.30	-9.418	-9.400	-9.405	-9.340	-9.168	-8.917	-8.647	-8.402	-8.166	-7.852
3841	38.40	-7.337	-6.516	-5.364	-3.952	-2.428	-0.959	0.325	1.380	2.236	2.965
3851	38.50	3.624	4.226	4.729	5.075	5.231	5.221	5.130	5.069	5.120	5.299
3861	38.60	5.540	5.729	5.754	5.565	5.202	4.782	4.455	4.341	4.686	4.848
3871	38.70	5.319	5.771	6.111	6.301	6.363	6.344	6.279	6.165	5.950	5.563
3881	38.80	4.945	4.091	3.066	1.991	1.014	0.254	-0.233	-0.478	-0.589	-0.707
3891	38.90	-0.963	-1.426	-2.088	-2.865	-3.629	-4.263	-4.694	-4.925	-5.028	-5.114
3901	39.00	-5.297	-5.648	-6.172	-6.803	-7.429	-7.917	-8.156	-8.083	-7.697	-7.055
3911	39.10	-6.258	-5.429	-4.681	-4.096	-3.712	-3.515	-3.449	-3.432	-3.382	-3.242
3921	39.20	-2.995	-2.666	-2.309	-1.985	-1.738	-1.577	-1.471	-1.363	-1.190	-0.905
3931	39.30	-0.488	0.045	0.658	1.310	1.966	2.608	3.232	3.843	4.439	5.015
3941	39.40	5.558	6.054	6.495	6.883	7.226	7.533	7.804	8.033	8.207	8.315
3951	39.50	8.355	8.341	8.295	8.238	8.179	8.108	7.997	7.812	7.532	7.160
3961	39.60	6.726	6.283	5.680	5.551	5.294	5.078	4.855	4.583	4.241	3.843
3971	39.70	3.419	3.005	2.618	2.245	1.852	1.401	0.870	0.270	-0.352	-0.932
3981	39.80	-1.412	-1.759	-1.978	-2.103	-2.184	-2.262	-2.361	-2.482	-2.614	-2.742
3991	39.90	-2.853	-2.939	-2.991	-2.998	-2.948	-2.838	-2.687	-2.533	-2.425	-2.404

Table 7-30-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1222 1301-GR-1-1 HB. (HB.) SORACHI BRIDGE MAX. ACC. = -30.547 (GAL) T= 15.73 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-2.482	-2.625	-2.767	-2.838	-2.793	-2.640	-2.441	-2.280	-2.226	-2.293
4011	40.10	-2.425	-2.523	-2.487	-2.269	-1.901	-1.486	-1.151	-0.989	-1.014	-1.150
4021	40.20	-1.269	-1.247	-1.019	-0.605	-0.091	0.425	0.881	1.282	1.694	2.189
4031	40.30	2.801	3.485	4.129	4.600	4.810	4.765	4.561	4.349	4.260	4.346
4041	40.40	4.550	4.739	4.764	4.534	4.053	3.415	2.755	2.178	1.711	1.295
4051	40.50	0.821	0.193	-0.613	-1.534	-2.440	-3.188	-3.687	-3.933	-4.004	-4.021
4061	40.60	-4.093	-4.272	-4.533	-4.793	-4.948	-4.914	-4.659	-4.203	-3.608	-2.951
4071	40.70	-2.310	-1.742	-1.285	-0.957	-0.757	-0.576	-0.691	-0.780	-0.923	-1.108
4081	40.80	-1.330	-1.583	-1.856	-2.124	-2.357	-2.525	-2.624	-2.674	-2.724	-2.829
4091	40.90	-3.025	-3.315	-3.665	-4.019	-4.333	-4.596	-4.843	-5.134	-5.524	-6.024
4101	41.00	-6.587	-7.113	-7.487	-7.617	-7.472	-7.081	-6.523	-5.883	-5.223	-4.573
4111	41.10	-3.932	-3.299	-2.690	-2.151	-1.739	-1.503	-1.460	-1.584	-1.822	-2.116
4121	41.20	-2.421	-2.718	-3.000	-3.254	-3.446	-3.521	-3.416	-3.095	-2.568	-1.894
4131	41.30	-1.165	-0.470	0.138	0.654	1.121	1.589	2.095	2.634	3.168	3.645
4141	41.40	4.026	4.313	4.545	4.781	5.073	5.444	5.878	6.331	6.748	7.086
4151	41.50	7.319	7.436	7.433	7.304	7.046	6.669	6.206	5.721	5.294	4.996
4161	41.60	4.864	4.877	4.963	5.021	4.960	4.737	4.374	3.947	3.556	3.275
4171	41.70	3.118	3.021	2.867	2.526	1.912	1.023	-0.046	-1.131	-2.046	-2.647
4181	41.80	-2.881	-2.798	-2.532	-2.246	-2.080	-2.099	-2.290	-2.572	-2.844	-3.024
4191	41.90	-3.080	-3.025	-2.897	-2.732	-2.542	-2.313	-2.028	-1.690	-1.334	-1.020
4201	42.00	-0.803	-0.702	-0.676	-0.634	-0.469	-0.114	0.418	1.028	1.557	1.856
4211	42.10	1.846	1.564	1.151	0.804	0.690	0.880	1.315	1.827	2.210	2.301
4221	42.20	2.050	1.544	0.974	0.565	0.490	0.812	1.462	2.270	3.029	3.566
4231	42.30	3.795	3.739	3.502	3.228	3.040	3.002	3.105	3.289	3.471	3.592
4241	42.40	3.636	3.632	3.635	3.693	3.822	3.996	4.159	4.251	4.229	4.090
4251	42.50	3.856	3.543	3.238	2.880	2.474	2.003	1.479	0.952	0.501	0.207
4261	42.60	0.115	0.208	0.404	0.583	0.633	0.486	0.145	-0.332	-0.864	-1.388
4271	42.70	-1.891	-2.404	-2.975	-3.632	-4.352	-5.057	-5.643	-6.023	-6.163	-6.099
4281	42.80	-5.913	-5.693	-5.494	-5.308	-5.081	-4.742	-4.255	-3.644	-2.996	-2.426
4291	42.90	-2.025	-1.827	-1.786	-1.808	-1.792	-1.679	-1.479	-1.264	-1.128	-1.139
4301	43.00	-1.304	-1.566	-1.828	-2.004	-2.059	-2.020	-1.962	-1.961	-2.049	-2.193
4311	43.10	-2.306	-2.287	-2.075	-1.687	-1.215	-0.790	-0.525	-0.462	-0.557	-0.703
4321	43.20	-0.790	-0.768	-0.681	-0.654	-0.836	-1.317	-2.068	-2.929	-3.656	-4.011
4331	43.30	-3.859	-3.224	-2.292	-1.337	-0.625	-0.321	-0.436	-0.849	-1.365	-1.804
4341	43.40	-2.061	-2.131	-2.076	-1.982	-1.902	-1.841	-1.766	-1.641	-1.461	-1.257
4351	43.50	-1.086	-0.988	-0.956	-0.927	-0.803	-0.498	0.022	0.717	1.481	2.188
4361	43.60	2.734	3.077	3.243	3.304	3.343	3.419	3.557	3.748	3.975	4.226
4371	43.70	4.502	4.804	5.124	5.427	5.661	5.772	5.731	5.568	5.277	4.992
4381	43.80	4.760	4.620	4.564	4.556	4.543	4.490	4.389	4.259	4.142	4.076
4391	43.90	4.085	4.165	4.287	4.398	4.436	4.336	4.052	3.567	2.910	2.152
4401	44.00	1.398	0.755	0.297	0.041	-0.064	-0.115	-0.217	-0.433	-0.763	-1.137
4411	44.10	-1.452	-1.619	-1.610	-1.470	-1.301	-1.220	-1.304	-1.572	-1.976	-2.441
4421	44.20	-2.898	-3.317	-3.706	-4.089	-4.472	-4.819	-5.064	-5.132	-4.985	-4.648
4431	44.30	-4.209	-3.781	-3.462	-3.289	-3.231	-3.206	-3.132	-2.961	-2.707	-2.426
4441	44.40	-2.188	-2.034	-1.960	-1.923	-1.874	-1.785	-1.670	-1.569	-1.525	-1.545
4451	44.50	-1.589	-1.585	-1.465	-1.198	-0.812	-0.381	0.018	0.336	0.583	0.814
4461	44.60	1.092	1.444	1.838	2.187	2.400	2.423	2.282	2.079	1.944	1.982
4471	44.70	2.217	2.584	2.958	3.212	3.278	3.168	2.968	2.777	2.666	2.636
4481	44.80	2.632	2.579	2.431	2.202	1.955	1.769	1.683	1.671	1.643	1.489
4491	44.90	1.134	0.578	-0.096	-0.758	-1.291	-1.636	-1.820	-1.932	-2.080	-2.342

Table 7-30-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1222 1301-GR-1-1 HB. (HB.) SORACHI BRIDGE MAX. ACC. = -30.547 (GAL) T= 15.73 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-2.737	-3.235	-3.775	-4.310	-4.815	-5.289	-5.729	-6.110	-6.380	-6.483
4511	45.10	-6.387	-6.114	-5.740	-5.370	-5.089	-4.924	-4.832	-4.722	-4.503	-4.132
4521	45.20	-3.639	-3.109	-2.642	-2.303	-2.089	-1.941	-1.781	-1.559	-1.293	-1.062
4531	45.30	-0.972	-1.098	-1.448	-1.947	-2.468	-2.881	-3.098	-3.095	-2.901	-2.564
4541	45.40	-2.117	-1.566	-0.894	-0.094	0.808	1.746	2.633	3.394	3.997	4.464
4551	45.50	4.853	5.219	5.583	5.914	6.140	6.189	6.019	5.651	5.154	4.623
4561	45.60	4.141	3.749	3.439	3.171	2.897	2.587	2.237	1.867	1.509	1.196
4571	45.70	0.954	0.804	0.764	0.842	1.033	1.307	1.612	1.883	2.060	2.112
4581	45.80	2.042	1.880	1.660	1.400	1.089	0.703	0.229	-0.307	-0.831	-1.234
4591	45.90	-1.420	-1.344	-1.040	-0.613	-0.195	0.115	0.290	0.392	0.530	0.807
4601	46.00	1.262	1.848	2.449	2.938	3.235	3.348	3.359	3.389	3.525	3.787
4611	46.10	4.111	4.393	4.543	4.529	4.393	4.217	4.072	3.964	3.816	3.505
4621	46.20	2.918	2.024	0.911	-0.234	-1.184	-1.755	-1.875	-1.605	-1.104	-0.560
4631	46.30	-0.119	0.163	0.322	0.439	0.594	0.815	1.075	1.314	1.477	1.553
4641	46.40	1.573	1.590	1.637	1.698	1.702	1.556	1.194	0.616	-0.099	-0.820
4651	46.50	-1.420	-1.829	-2.069	-2.236	-2.450	-2.790	-3.249	-3.730	-4.089	-4.208
4661	46.60	-4.057	-3.720	-3.375	-3.217	-3.366	-3.899	-4.645	-5.429	-6.045	-6.355
4671	46.70	-6.334	-6.071	-5.716	-5.419	-5.270	-5.272	-5.352	-5.404	-5.334	-5.097
4681	46.80	-4.706	-4.212	-3.683	-3.171	-2.697	-2.256	-1.831	-1.406	-0.982	-0.571
4691	46.90	-0.192	0.148	0.462	0.730	1.147	1.598	2.149	2.783	3.456	4.108
4701	47.00	4.689	5.171	5.562	5.896	6.213	6.537	6.858	7.126	7.275	7.246
4711	47.10	7.020	6.635	6.173	5.738	5.418	5.251	5.219	5.264	5.315	5.326
4721	47.20	5.288	5.227	5.177	5.158	5.151	5.110	4.976	4.714	4.327	3.858
4731	47.30	3.369	2.909	2.487	2.074	1.618	1.079	0.452	-0.216	-0.847	-1.365
4741	47.40	-1.728	-1.955	-2.115	-2.308	-2.621	-3.097	-3.723	-4.439	-5.158	-5.804
4751	47.50	-6.327	-6.713	-6.977	-7.145	-7.245	-7.295	-7.301	-7.264	-7.186	-7.075
4761	47.60	-6.945	-6.814	-6.698	-6.601	-6.517	-6.421	-6.275	-6.045	-5.704	-5.253
4771	47.70	-4.721	-4.162	-3.634	-3.180	-2.812	-2.509	-2.227	-1.926	-1.590	-1.240
4781	47.80	-0.923	-0.690	-0.566	-0.529	-0.515	-0.443	-0.248	0.085	0.515	0.959
4791	47.90	1.331	1.577	1.698	1.745	1.786	1.872	2.009	2.153	2.233	2.193
4801	48.00	2.016	1.743	1.445	1.195	1.027	0.916	0.793	0.574	0.210	-0.289
4811	48.10	-0.848	-1.359	-1.723	-1.896	-1.904	-1.836	-1.807	-1.913	-2.195	-2.635
4821	48.20	-3.169	-3.717	-4.214	-4.624	-4.938	-5.155	-5.266	-5.253	-5.098	-4.797
4831	48.30	-4.382	-3.914	-3.470	-3.107	-2.837	-2.620	-2.379	-2.034	-1.543	-0.928
4841	48.40	-0.267	0.328	0.759	0.980	1.007	0.909	0.776	0.681	0.659	0.706
4851	48.50	0.802	0.928	1.085	1.291	1.562	1.890	2.238	2.540	2.733	2.781
4861	48.60	2.694	2.523	2.346	2.234	2.229	2.339	2.544	2.811	3.112	3.423
4871	48.70	3.721	3.972	4.138	4.182	4.094	3.902	3.675	3.503	3.462	3.584
4881	48.80	3.845	4.177	4.501	4.769	4.983	5.191	5.455	5.810	6.240	6.673
4891	48.90	7.010	7.167	7.110	6.866	6.507	6.115	5.749	5.432	5.155	4.903
4901	49.00	4.674	4.486	4.364	4.310	4.287	4.219	4.020	3.626	3.037	2.322
4911	49.10	1.593	0.969	0.522	0.256	0.111	-0.007	-0.179	-0.441	-0.777	-1.129
4921	49.20	-1.433	-1.647	-1.760	-1.791	-1.769	-1.715	-1.635	-1.524	-1.375	-1.188
4931	49.30	-0.975	-0.749	-0.519	-0.284	-0.033	0.249	0.566	0.915	1.283	1.658
4941	49.40	2.026	2.368	2.648	2.808	2.769	2.457	1.830	0.910	-0.200	-1.338

Table 7-31-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	2.633	4.924	6.209	5.923	4.088	1.295	-1.559	-3.644	-4.518	-4.263
11	0.10	-3.277	-2.217	-1.531	-1.604	-1.748	-2.323	-2.884	-3.254	-3.321	-2.987
21	0.20	-2.145	-0.738	1.134	3.137	4.741	5.400	4.812	3.125	0.948	-0.873
31	0.30	-1.543	-1.173	0.085	1.219	1.308	-0.080	-2.600	-5.216	-6.648	-5.982
41	0.40	-3.141	1.022	5.066	7.583	7.791	5.830	2.608	-0.675	-3.091	-4.321
51	0.50	-4.629	-4.510	-4.264	-3.756	-2.525	-0.192	3.093	6.439	8.427	7.700
61	0.60	3.647	-3.161	-11.037	-17.764	-21.439	-21.198	-17.484	-11.748	-5.763	-0.882
71	0.70	2.382	4.300	5.487	6.358	6.828	6.403	4.621	1.548	-1.985	-4.595
81	0.80	-4.941	-2.413	2.450	8.062	12.405	13.874	11.974	7.514	2.224	-2.028
91	0.90	-4.050	-3.773	-2.168	-0.678	-0.479	-1.917	-4.384	-6.654	-7.493	-6.249
101	1.00	-3.148	0.814	4.293	6.133	5.788	3.470	0.022	-3.412	-5.754	-6.300
111	1.10	-4.879	-1.866	1.930	5.476	7.780	8.174	6.524	3.323	-0.425	-3.502
121	1.20	-4.883	-4.113	-1.495	1.994	5.052	6.530	5.851	3.211	-0.513	-4.116
131	1.30	-6.502	-7.082	-5.916	-3.641	-1.189	0.565	1.107	0.425	-1.011	-2.439
141	1.40	-3.075	-2.387	-0.293	2.769	5.952	8.252	8.843	7.383	4.174	0.095
151	1.50	-3.686	-6.120	-6.642	-5.354	-2.927	-0.274	1.845	3.108	3.672	3.941
161	1.60	4.215	4.400	3.966	2.211	-1.297	-6.303	-11.717	-15.869	-17.088	-14.395
171	1.70	-7.995	0.649	9.248	15.444	17.626	15.461	9.961	3.050	-3.147	-7.030
181	1.80	-7.976	-6.379	-3.321	-0.041	2.533	4.031	4.582	4.549	4.206	3.560
191	1.90	2.386	0.471	-2.083	-4.677	-6.279	-5.776	-2.488	3.367	10.484	16.709
201	2.00	19.663	17.594	10.118	-1.438	-14.267	-24.868	-30.128	-28.345	-19.801	-6.696
211	2.10	7.555	19.398	26.205	26.963	22.377	14.418	5.524	-2.188	-7.440	-9.885
221	2.20	-9.862	-7.983	-4.816	-0.796	3.645	7.852	10.849	11.691	8.873	2.824
231	2.30	-5.745	-14.888	-22.104	-25.143	-22.833	-15.583	-5.332	5.072	12.853	16.249
241	2.40	15.057	10.554	4.859	0.016	-2.789	-3.559	-3.241	-3.051	-3.742	-5.160
251	2.50	-6.317	-5.952	-3.273	1.473	6.934	11.138	12.336	9.815	4.294	-2.281
261	2.60	-7.490	-9.400	-7.329	-2.102	4.308	9.559	11.814	10.356	5.737	-0.539
271	2.70	-6.591	-10.769	-12.067	-10.277	-5.919	-0.051	5.952	10.645	12.786	11.657
281	2.80	7.370	1.015	-5.473	-9.819	-10.166	-5.858	2.106	11.187	18.068	19.822
291	2.90	15.081	4.718	-8.270	-19.699	-25.638	-23.835	-14.570	-0.619	13.670	23.852
301	3.00	26.861	21.973	10.941	-2.705	-14.885	-22.274	-23.245	-18.191	-9.183	0.820
311	3.10	8.916	13.046	12.440	7.653	0.284	-7.509	-13.536	-16.066	-14.191	-8.049
321	3.20	1.147	11.309	19.892	24.496	23.524	16.716	5.361	-7.908	-19.749	-27.024
331	3.30	-27.705	-21.509	-10.030	3.686	15.988	23.658	24.787	19.267	8.745	-3.915
341	3.40	-15.475	-23.220	-25.642	-22.747	-15.902	-7.313	0.699	6.398	9.981	9.138
351	3.50	7.730	6.204	5.484	5.672	6.044	5.425	2.801	-2.099	-8.538	-14.933
361	3.60	-19.401	-20.466	-17.599	-11.382	-3.228	5.169	12.399	17.624	20.519	20.963
371	3.70	18.733	13.472	5.013	-6.091	-18.152	-28.395	-33.630	-31.375	-21.016	-4.444
381	3.80	14.200	29.710	37.524	35.336	23.935	6.948	-10.436	-23.248	-28.344	-25.255
391	3.90	-16.044	-4.331	6.044	12.197	12.847	8.351	0.296	-9.089	-17.448	-22.679
401	4.00	-23.227	-18.354	-8.421	4.945	18.970	30.253	35.664	33.344	23.453	8.317
411	4.10	-2.155	-21.638	-28.734	-23.011	-20.374	-8.642	3.455	12.485	16.306	14.543
421	4.20	8.482	0.518	-6.613	-10.579	-9.999	-4.738	4.070	14.276	23.190	28.260
431	4.30	27.783	21.480	10.708	-1.843	-12.920	-19.732	-20.865	-16.719	-9.287	-1.351
441	4.40	4.583	7.167	6.535	3.994	1.239	-0.484	-0.871	-0.493	-0.242	-0.639
451	4.50	-1.382	-1.438	0.372	4.576	10.493	16.249	19.436	18.144	11.898	2.032
461	4.60	-8.703	-17.153	-20.957	-19.395	-13.535	-5.632	1.888	7.386	10.465	11.777
471	4.70	12.337	12.758	12.816	11.574	7.978	1.595	-6.911	-15.829	-22.968	-26.474
481	4.80	-25.513	-20.518	-12.919	-4.538	3.044	8.854	12.523	14.032	13.430	10.759
491	4.90	6.234	0.544	-4.987	-8.606	-8.704	-4.577	3.018	11.828	18.737	20.869

Table 7-31-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	16.741	6.975	-5.774	-17.687	-25.123	-25.906	-20.048	-9.655	1.931	11.367
511	5.10	16.425	16.589	12.958	7.576	2.534	-0.791	-2.087	-1.970	-1.500	-1.602
521	5.20	-2.632	-4.267	-5.695	-6.032	-4.740	-1.916	1.697	4.946	6.686	6.213
531	5.30	3.561	-0.457	-4.509	-7.203	-7.609	-5.635	-2.096	1.566	3.831	3.731
541	5.40	1.287	-2.409	-5.562	-6.348	-3.672	2.294	10.024	17.054	20.782	19.391
551	5.50	12.543	1.616	-10.640	-20.906	-26.319	-25.362	-18.337	-7.271	4.735	14.468
561	5.60	19.577	19.237	14.280	6.783	-0.731	-6.167	-8.509	-8.003	-5.865	-3.648
571	5.70	-2.561	-3.014	-4.556	-6.194	-6.906	-6.107	-3.861	-0.762	2.393	4.976
581	5.80	6.723	7.692	8.038	7.765	6.639	4.334	0.744	-3.721	-8.056	-10.910
591	5.90	-11.094	-8.139	-2.646	3.786	9.062	11.357	9.831	5.008	-1.361	-6.903
601	6.00	-9.489	-8.009	-2.800	4.447	11.237	15.110	14.459	9.076	0.258	-9.557
611	6.10	-17.511	-21.179	-19.308	-12.202	-1.643	9.647	18.818	23.730	23.526	18.748
621	6.20	11.000	2.287	-5.656	-11.805	-15.876	-18.009	-18.317	-16.578	-12.293	-5.087
631	6.30	4.717	15.760	25.400	30.912	29.867	21.423	6.826	-10.726	-26.935	-37.689
641	6.40	-40.322	-34.394	-21.741	-5.806	9.460	20.733	26.116	25.404	19.841	11.532
651	6.50	2.777	-4.478	-8.963	-10.174	-8.299	-4.059	1.473	7.066	11.519	13.859
661	6.60	13.514	10.442	5.168	-1.293	-7.637	-12.562	-15.102	-14.907	-12.379	-8.595
671	6.70	-4.983	-2.839	-2.828	-4.657	-7.097	-8.405	-7.020	-2.296	5.053	13.017
681	6.80	18.916	20.380	16.299	7.366	-4.055	-14.713	-21.604	-23.010	-19.032	-11.414
691	6.90	-2.777	4.410	8.668	9.855	8.920	7.259	6.000	5.544	5.521	5.131
701	7.00	3.639	0.774	-3.133	-7.305	-10.838	-13.009	-13.447	-12.127	-9.257	-5.175
711	7.10	-0.305	4.808	9.468	12.879	14.313	13.337	10.021	4.988	-0.720	-5.924
721	7.20	-9.630	-11.262	-10.723	-8.304	-4.507	0.109	4.993	9.582	13.264	15.396
731	7.30	15.424	13.080	8.559	2.583	-3.724	-9.129	-12.641	-13.814	-12.849	-10.474
741	7.40	-7.636	-5.139	-3.352	-2.127	-0.929	0.842	3.499	6.805	9.938	11.705
751	7.50	10.965	7.105	0.385	-7.994	-16.168	-22.149	-24.453	-22.578	-17.131	-9.570
761	7.60	-1.653	5.163	10.120	13.195	14.777	15.214	14.464	12.100	7.669	1.251
771	7.70	-6.134	-12.536	-15.629	-13.622	-6.163	5.228	17.434	26.717	30.011	26.032
781	7.80	15.744	1.990	-11.525	-21.472	-25.856	-24.378	-18.165	-9.128	0.690	9.501
791	7.90	15.860	18.597	16.878	10.495	0.321	-11.398	-21.244	-25.482	-21.395	-8.598
801	8.00	10.293	30.082	44.509	48.388	39.565	19.886	-5.259	-28.687	-43.819	-46.808
811	8.10	-37.624	-19.765	1.191	19.548	31.189	34.464	30.107	20.431	8.287	-3.761
821	8.20	-13.823	-20.679	-23.610	-22.315	-16.997	-8.552	1.373	10.603	16.974	19.003
831	8.30	16.426	10.309	2.679	-4.229	-8.770	-10.423	-9.817	-8.289	-7.150	-7.039
841	8.40	-7.617	-7.759	-6.139	-1.956	4.523	11.845	17.748	19.913	16.821	8.406
851	8.50	-3.743	-16.711	-27.027	-31.657	-28.892	-18.884	-3.663	13.368	28.301	37.713
861	8.60	39.506	33.381	20.862	4.879	-10.935	-23.076	-28.926	-27.295	-18.657	-5.044
871	8.70	10.384	24.017	32.596	33.975	27.660	14.969	-1.248	-17.290	-29.516	-35.260
881	8.80	-33.484	-25.008	-12.256	1.392	12.472	18.300	17.632	10.962	0.408	-10.817
891	8.90	-19.230	-22.032	-17.951	-7.715	6.025	19.387	28.404	30.298	24.446	12.664
901	9.00	-1.341	-13.198	-19.361	-18.295	-10.929	-0.204	10.082	16.660	17.869	14.031
911	9.10	7.057	-0.474	-6.324	-9.280	-9.318	-7.276	-4.305	-1.383	0.909	2.358
921	9.20	2.954	2.764	1.935	0.771	-0.235	-0.525	0.253	1.963	3.876	4.885
931	9.30	3.996	0.891	-3.742	-8.323	-10.960	-10.268	-6.065	0.411	6.882	10.886
941	9.40	10.742	6.219	-1.354	-9.564	-15.744	-17.820	-14.869	-7.273	3.501	15.297
951	9.50	25.715	32.502	33.905	29.028	18.151	2.908	-13.842	-28.545	-37.825	-39.450
961	9.60	-33.041	-20.247	-4.253	11.182	22.821	28.771	28.764	23.900	16.039	7.155
971	9.70	-1.108	-7.600	-11.654	-13.047	-12.031	-9.394	-6.410	-4.544	-4.919	-7.737
981	9.80	-11.960	-15.511	-16.027	-11.913	-3.237	8.002	18.433	24.556	24.146	17.213
991	9.90	6.071	-5.548	-13.956	-16.915	-14.394	-8.369	-1.829	2.540	3.396	1.079

Table 7-31-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-2.807	-6.298	-7.988	-7.552	-5.695	-3.644	-2.498	-2.736	-4.089	-5.738
1011	10.10	-6.700	-6.178	-3.790	0.363	5.705	11.219	15.532	17.103	14.578	7.293
1021	10.20	-4.256	-18.188	-31.459	-40.586	-42.666	-36.372	-22.536	-4.062	14.826	29.764
1031	10.30	37.465	36.593	28.045	14.625	0.239	-11.121	-16.390	-14.194	-5.253	7.706
1041	10.40	20.566	28.894	29.290	20.619	4.700	-13.918	-29.171	-35.424	-29.494	-12.000
1051	10.50	12.538	37.024	54.107	58.674	49.584	29.972	6.031	-15.231	-28.386	-31.206
1061	10.60	-25.027	-13.781	-2.266	5.622	8.047	5.446	-0.094	-5.887	-9.678	-10.280
1071	10.70	-7.743	-3.122	1.942	5.693	6.688	4.167	-1.683	-9.645	-17.678	-23.448
1081	10.80	-25.078	-21.881	-14.746	-5.968	1.503	5.119	3.682	-2.220	-10.488	-18.360
1091	10.90	-23.457	-24.571	-21.891	-16.649	-10.440	-4.603	0.056	3.144	4.371	3.346
1101	11.00	-0.300	-6.476	-14.172	-21.320	-25.238	-23.584	-15.454	-2.085	13.260	26.307
1111	11.10	33.335	32.659	25.349	14.843	5.555	1.043	2.522	8.347	14.719	17.315
1121	11.20	13.173	2.046	-13.332	-28.172	-37.404	-37.580	-28.211	-12.035	5.843	19.605
1131	11.30	24.574	18.635	2.789	-19.258	-42.260	-60.916	-71.211	-71.250	-61.456	-44.200
1141	11.40	-23.079	-2.084	15.164	26.005	29.160	24.959	15.363	3.699	-5.925	-9.505
1151	11.50	-4.169	10.918	34.081	61.316	87.139	105.912	113.274	107.262	88.801	61.471
1161	11.60	30.646	2.271	-18.399	-27.857	-24.993	-11.283	9.542	32.281	51.424	62.456
1171	11.70	62.983	53.345	36.413	16.598	-1.693	-15.556	-24.492	-30.264	-35.754	-43.271
1181	11.80	-53.061	-62.763	-68.142	-64.898	-50.828	-27.363	0.257	24.407	37.658	35.542
1191	11.90	18.417	-8.347	-36.003	-55.321	-59.694	-47.341	-21.816	9.309	37.084	54.158
1201	12.00	57.033	46.849	28.504	8.541	-7.339	-16.175	-18.377	-16.921	-15.550	-16.813
1211	12.10	-20.809	-25.225	-26.627	-22.414	-12.509	0.061	10.069	12.174	3.331	-15.541
1221	12.20	-39.394	-60.547	-71.260	-66.354	-44.839	-9.967	32.165	74.763	112.245	141.198
1231	12.30	160.162	168.646	166.117	151.625	124.341	84.734	35.734	-16.829	-64.899	-99.898
1241	12.40	-114.920	-106.661	-76.465	-30.171	23.132	73.042	109.962	126.929	120.840	92.910
1251	12.50	48.319	-4.868	-57.331	-100.355	-127.523	-135.833	-125.994	-101.849	-69.196	-34.402
1261	12.60	-3.224	19.920	32.215	32.449	20.952	-0.400	-28.209	-57.789	-83.804	-101.284
1271	12.70	-106.787	-99.295	-80.474	-54.156	-25.213	1.754	23.411	38.069	45.413	45.862
1281	12.80	39.980	28.229	11.165	-10.138	-33.751	-56.919	-76.527	-89.815	-95.000	-91.543
1291	12.90	-79.933	-61.180	-36.347	-6.425	27.296	62.576	95.696	121.531	134.498	130.268
1301	13.00	107.682	70.084	25.333	-15.861	-42.953	-69.019	-33.393	-2.372	32.510	58.192
1311	13.10	64.538	47.878	12.249	-32.173	-72.853	-99.363	-106.735	-96.413	-74.581	-48.819
1321	13.20	-24.748	-4.227	14.167	32.834	52.423	70.275	80.982	78.875	61.152	29.962
1331	13.30	-7.790	-42.976	-67.962	-79.694	-80.588	-76.764	-74.485	-76.611	-80.863	-80.803
1341	13.40	-69.037	-41.075	2.053	53.624	103.487	141.564	160.913	159.095	137.623	100.307
1351	13.50	51.784	-2.832	-57.217	-102.981	-129.988	-128.616	-93.560	-27.588	56.791	139.211
1361	13.60	196.873	211.852	177.522	101.499	3.743	-89.579	-154.227	-175.031	-149.646	-87.947
1371	13.70	-7.848	70.517	130.076	160.084	157.005	123.653	67.580	-0.497	-68.057	-122.231
1381	13.80	-151.732	-149.252	-113.777	-51.840	23.134	93.652	142.556	157.696	135.359	81.304
1391	13.90	9.103	-63.647	-119.970	-147.661	-141.859	-105.610	-48.575	15.520	71.963	108.033
1401	14.00	115.388	91.580	40.484	-28.428	-101.921	-165.674	-207.290	-218.959	-199.101	-152.536
1411	14.10	-89.120	-21.235	39.127	82.890	105.358	106.391	89.463	60.137	24.542	-11.680
1421	14.20	-43.838	-68.237	-82.141	-83.923	-73.447	-52.429	-24.429	5.810	33.634	55.942
1431	14.30	72.213	84.524	96.395	110.822	128.332	145.995	157.975	157.567	139.961	104.574
1441	14.40	55.917	2.560	-45.446	-79.652	-95.579	-93.515	-77.600	-53.829	-27.944	-4.137
1451	14.50	15.127	28.443	34.709	32.911	22.711	5.450	-15.169	-33.396	-42.942	-39.206
1461	14.60	-21.275	7.270	39.225	66.071	80.793	80.106	65.212	40.931	13.707	-10.578
1471	14.70	-28.126	-37.636	-39.773	-36.202	-28.809	-19.398	-9.805	-2.067	1.714	-0.092
1481	14.80	-7.913	-20.494	-35.020	-47.904	-55.954	-57.402	-52.313	-42.221	-29.203	-14.898
1491	14.90	0.025	15.703	32.332	49.282	64.585	75.116	77.472	69.180	49.766	21.240

Table 7-31-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-12.171	-44.912	-71.309	-86.706	-88.293	-75.514	-50.091	-15.768	22.171	57.575
1511	15.10	84.293	97.186	93.136	71.866	36.295	-7.740	-52.434	-89.534	-112.098	-116.095
1521	15.20	-101.429	-72.057	-35.109	0.843	27.919	40.906	38.479	23.305	0.988	-21.794
1531	15.30	-39.338	-48.473	-49.142	-43.862	-36.340	-29.798	-25.616	-22.761	-18.172	-7.935
1541	15.40	11.131	39.959	76.233	114.210	145.535	160.965	152.741	117.094	56.188	-21.198
1551	15.50	-100.750	-165.498	-199.928	-194.253	-147.518	-68.449	26.386	116.682	183.554	214.183
1561	15.60	204.568	159.701	91.339	14.336	-57.165	-112.550	-145.958	-156.001	-144.567	-115.462
1571	15.70	-73.499	-24.203	26.092	70.224	100.737	111.153	97.803	61.642	9.305	-47.284
1581	15.80	-93.069	-113.518	-98.928	-48.070	30.174	118.078	193.256	234.777	229.357	175.592
1591	15.90	84.677	-22.771	-122.775	-194.905	-227.649	-220.507	-182.378	-127.189	-68.735	-16.761
1601	16.00	24.451	54.942	76.481	90.108	95.089	89.640	72.768	46.007	13.895	-17.178
1611	16.10	-41.241	-54.970	-58.713	-55.774	-50.333	-45.080	-39.811	-31.725	-17.279	5.329
1621	16.20	34.357	64.347	87.765	97.771	90.878	68.353	35.779	1.055	-28.245	-47.065
1631	16.30	-53.813	-49.938	-38.620	-23.356	-7.113	7.737	18.991	24.236	21.028	7.732
1641	16.40	-15.330	-45.038	-75.553	-99.541	-110.225	-103.567	-79.723	-43.197	-1.605	36.474
1651	16.50	63.774	75.962	72.165	54.433	26.621	-6.737	-41.112	-72.129	-95.476	-106.986
1661	16.60	-103.216	-82.502	-46.085	1.267	51.630	95.424	123.677	130.365	114.050	78.281
1671	16.70	30.687	-18.899	-60.664	-86.811	-92.917	-78.544	-47.180	-5.587	37.353	72.266
1681	16.80	91.246	89.814	68.311	32.189	-9.146	-44.768	-65.291	-65.534	-45.894	-11.947
1691	16.90	27.505	63.149	87.640	97.026	90.890	71.522	42.762	9.117	-24.632	-53.544
1701	17.00	-72.778	-78.337	-68.238	-43.644	-9.314	27.100	56.875	72.607	70.297	50.359
1711	17.10	17.234	-22.124	-60.213	-90.635	-108.980	-112.921	-101.894	-76.778	-39.857	5.033
1721	17.20	52.488	95.968	128.783	145.387	142.576	120.148	80.893	30.002	-25.766	-78.897
1731	17.30	-121.836	-147.730	-151.371	-130.359	-86.198	-24.801	44.042	108.411	156.841	180.985
1741	17.40	177.474	148.387	100.277	42.252	-16.114	-66.399	-102.163	-119.351	-116.354	-94.310
1751	17.50	-57.400	-12.778	30.323	62.471	76.521	69.855	45.401	10.850	-23.808	-49.552
1761	17.60	-61.136	-58.366	-45.417	-28.632	-13.850	-4.421	-0.640	-0.609	-1.862	-2.841
1771	17.70	-3.502	-4.888	-8.065	-13.114	-18.794	-23.033	-23.977	-20.979	-14.990	-8.127
1781	17.80	-2.635	0.234	0.876	1.199	3.756	10.534	21.923	36.290	50.308	59.923
1791	17.90	61.596	53.411	35.725	11.190	-15.830	-40.263	-57.476	-64.281	-59.539	-44.252
1801	18.00	-21.144	6.080	33.551	57.892	76.559	87.890	90.987	85.622	72.275	52.265
1811	18.10	27.851	2.091	-21.619	-40.256	-51.925	-56.328	-54.770	-49.649	-43.632	-38.824
1821	18.20	-36.225	-35.637	-35.976	-35.802	-33.828	-29.270	-21.978	-12.437	-1.706	8.674
1831	18.30	16.847	20.965	19.675	12.662	1.042	-12.629	-24.857	-32.153	-32.112	-24.269
1841	18.40	-10.356	6.159	21.115	30.966	33.737	29.713	21.011	10.859	2.466	-1.986
1851	18.50	-1.930	1.555	6.240	9.584	9.619	5.635	-1.553	-9.809	-16.302	-18.366
1861	18.60	-14.347	-4.171	10.522	26.739	40.862	49.520	50.353	42.453	26.425	4.139
1871	18.70	-21.673	-47.812	-70.902	-87.615	-94.934	-90.551	-73.411	-44.302	-6.223	35.689
1881	18.80	74.828	104.340	118.615	114.650	92.873	57.146	13.947	-29.059	-64.637	-87.386
1891	18.90	-94.588	-86.406	-65.495	-36.250	-3.907	26.313	49.931	63.794	66.480	58.495
1901	19.00	42.166	21.174	-0.246	-18.283	-30.435	-36.016	-36.084	-32.809	-28.508	-24.725
1911	19.10	-21.710	-18.508	-13.585	-5.708	5.324	18.411	31.438	41.971	48.031	48.611
1921	19.20	43.774	34.365	21.571	6.618	-9.251	-24.546	-37.269	-44.919	-44.925	-35.477
1931	19.30	-16.457	9.919	39.122	65.103	81.730	84.632	71.550	44.962	9.775	-26.843
1941	19.40	-57.350	-75.595	-78.221	-65.376	-40.601	-9.960	19.373	40.739	49.483	43.964
1951	19.50	25.889	-0.134	-27.708	-50.179	-62.242	-61.237	-47.823	-25.856	-1.477	18.416
1961	19.60	27.936	23.807	6.398	-20.176	-48.910	-71.605	-80.979	-72.634	-46.333	-6.196
1971	19.70	40.245	83.884	116.218	131.279	126.806	104.439	69.005	27.221	-13.753	-47.588
1981	19.80	-69.655	-77.487	-70.890	-51.803	-23.952	7.703	37.724	61.072	73.982	74.611
1991	19.90	63.303	42.389	15.599	-12.735	-38.470	-58.261	-69.916	-72.530	-66.456	-53.183

Table 7-31-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-35.121	-15.277	3.203	17.580	26.039	28.029	24.309	16.662	7.371	-1.369
2011	20.10	-7.933	-11.497	-12.027	-10.072	-6.497	-2.251	1.801	4.979	6.851	7.287
2021	20.20	6.474	4.854	2.985	1.336	0.108	-0.844	-1.915	-3.535	-5.897	-8.772
2031	20.30	-11.508	-13.222	-13.110	-10.762	-6.346	-0.593	5.381	10.360	13.301	13.536
2041	20.40	10.886	5.652	-1.405	-9.178	-16.370	-21.729	-24.323	-23.801	-20.532	-15.551
2051	20.50	-10.278	-6.099	-3.930	-3.951	-5.605	-7.878	-9.754	-10.647	-10.642	-10.428
2061	20.60	-10.959	-12.974	-16.577	-21.055	-25.010	-26.772	-24.936	-18.833	-8.790	3.914
2071	20.70	17.339	29.330	37.961	41.884	40.525	34.143	23.803	11.274	-1.153	-10.969
2081	20.80	-15.905	-14.488	-6.577	6.334	21.249	34.297	41.772	41.267	32.515	17.577
2091	20.90	0.245	-15.177	-25.297	-28.722	-26.391	-21.026	-15.918	-13.561	-14.683	-18.061
2101	21.00	-21.164	-21.334	-16.981	-8.306	2.731	13.146	20.047	21.685	18.059	10.918
2111	21.10	3.194	-1.863	-1.596	5.349	18.646	36.267	54.810	70.143	78.270	76.321
2121	21.20	63.414	41.163	13.561	-13.811	-35.145	-45.976	-44.456	-31.927	-12.532	8.022
2131	21.30	24.164	32.081	30.718	21.861	9.309	-2.559	-10.293	-12.481	-10.080	-5.992
2141	21.40	-3.463	-5.600	-13.354	-25.500	-38.903	-49.563	-54.005	-50.501	-39.696	-24.397
2151	21.50	-8.606	3.829	10.458	10.891	6.671	0.468	-5.045	-8.143	-8.466	-6.784
2161	21.60	-4.319	-1.983	0.069	2.389	5.749	10.503	16.162	21.400	24.521	24.150
2171	21.70	19.834	12.289	3.179	-5.435	-11.737	-14.630	-13.896	-10.073	-4.159	2.671
2181	21.80	9.260	14.571	17.772	18.350	16.276	12.119	6.995	2.309	-0.688	-1.349
2191	21.90	0.097	2.611	4.744	5.241	3.585	0.266	-3.366	-5.603	-5.058	-1.242
2201	22.00	5.160	12.422	18.267	20.538	17.863	10.087	-1.601	-14.915	-27.004	-35.150
2211	22.10	-37.480	-33.496	-24.267	-12.220	-0.526	7.778	10.635	7.600	-0.032	-9.628
2221	22.20	-18.033	-22.551	-21.755	-15.870	-6.617	3.401	11.538	15.872	15.667	11.429
2231	22.30	4.590	-2.996	-9.560	-13.769	-14.867	-12.648	-7.350	0.432	9.790	19.520
2241	22.40	28.186	34.296	36.574	34.307	27.606	17.500	5.770	-5.450	-14.193	-19.144
2251	22.50	-19.924	-17.084	-11.833	-5.601	0.391	5.397	9.176	11.814	13.445	14.017
2261	22.60	13.233	10.697	6.191	-0.029	-7.087	-13.576	-17.881	-18.645	-15.210	-7.875
2271	22.70	2.122	12.897	22.392	28.874	31.306	29.511	24.108	16.296	7.572	-0.535
2281	22.80	-6.663	-9.766	-9.232	-5.010	2.330	11.600	21.145	29.164	34.114	35.102
2291	22.90	32.093	25.855	17.635	8.691	-0.131	-8.594	-16.958	-25.626	-34.721	-43.816
2301	23.00	-51.954	-57.957	-60.869	-60.316	-56.616	-50.588	-43.199	-35.255	-27.309	-19.847
2311	23.10	-13.588	-9.671	-9.510	-14.271	-24.155	-37.831	-52.368	-63.824	-68.348	-63.417
2321	23.20	-48.702	-26.201	0.409	26.927	49.791	66.800	77.155	80.943	78.454	69.762
2331	23.30	54.840	34.138	9.287	-16.547	-38.981	-53.429	-56.474	-47.048	-26.947	-0.422
2341	23.40	26.992	49.980	64.749	69.695	65.334	53.663	37.306	18.816	0.324	-16.480
2351	23.50	-30.195	-39.607	-43.763	-42.196	-35.183	-23.866	-10.131	3.741	15.555	23.653
2361	23.60	27.225	26.397	22.143	16.033	9.914	5.544	4.239	6.567	12.162	19.730
2371	23.70	27.287	32.609	33.803	29.838	20.874	8.272	-5.728	-18.571	-28.029	-32.727
2381	23.80	-32.422	-27.958	-20.951	-13.294	-6.656	-2.077	0.194	0.629	0.128	-0.391
2391	23.90	-0.382	0.095	0.367	-0.594	-3.754	-9.554	-17.594	-26.573	-34.534	-39.352
2401	24.00	-39.314	-33.621	-22.652	-7.934	8.169	22.947	33.884	39.137	37.863	30.375
2411	24.10	18.107	3.401	-10.862	-21.765	-26.926	-25.024	-16.176	-2.027	14.519	29.890
2421	24.20	60.650	44.317	39.966	28.458	12.212	-5.404	-20.911	-31.538	-35.821	-33.832
2431	24.30	-26.999	-17.602	-8.099	-0.471	4.238	6.096	6.127	5.901	6.996	10.462
2441	24.40	16.460	24.152	31.881	37.595	39.403	36.111	27.596	14.914	0.107	-14.229
2451	24.50	-25.507	-31.707	-31.773	-25.786	-14.896	-1.042	13.433	26.200	35.309	39.466
2461	24.60	38.201	31.924	21.865	9.885	-1.835	-11.195	-16.620	-17.426	-14.016	-7.814
2471	24.70	-0.927	4.415	6.467	4.478	-1.089	-8.690	-16.153	-21.315	-22.637	-19.592
2481	24.80	-12.718	-3.347	6.887	16.553	24.756	31.196	35.967	39.207	40.794	40.243
2491	24.90	36.864	30.137	20.123	7.738	-5.281	-16.746	-24.614	-27.635	-25.785	-20.353

Table 7-31-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-13.612	-8.176	-6.258	-9.046	-16.395	-26.915	-38.400	-48.450	-55.098	-57.252
2511	25.10	-54.846	-48.710	-40.215	-30.843	-21.818	-13.897	-7.359	-2.146	1.928	5.004
2521	25.20	7.101	8.165	8.181	7.293	5.845	4.325	3.230	2.916	3.511	4.911
2531	25.30	6.858	9.037	11.131	12.810	13.686	13.311	11.263	7.366	1.940	-4.045
2541	25.40	-9.051	-11.349	-9.618	-3.559	5.743	15.919	23.915	26.934	23.403	13.606
2551	25.50	-0.279	-14.774	-26.138	-31.477	-29.576	-21.161	-8.564	5.070	16.732	24.343
2561	25.60	27.173	25.808	21.744	16.785	12.446	9.531	7.998	7.107	5.804	3.183
2571	25.70	-1.090	-6.572	-12.107	-16.169	-17.378	-14.999	-9.256	-1.321	7.015	13.883
2581	25.80	17.892	18.505	16.104	11.776	6.895	2.698	-0.022	-1.031	-0.593	0.678
2591	25.90	2.000	2.581	1.770	-0.793	-5.026	-10.308	-15.514	-19.227	-20.114	-17.365
2601	26.00	-11.000	-1.936	8.286	18.004	25.972	31.716	35.533	38.140	40.128	41.479
2611	26.10	41.387	38.491	31.445	19.597	3.501	-14.969	-32.963	-47.336	-55.449	-55.814
2621	26.20	-48.404	-34.580	-16.706	2.394	19.964	33.718	42.083	44.293	40.391	31.160
2631	26.30	18.018	2.855	-12.194	-25.032	-33.906	-37.685	-36.051	-29.556	-19.528	-7.826
2641	26.40	3.501	12.598	18.141	19.565	17.123	11.757	4.828	-2.247	-8.325	-12.766
2651	26.50	-15.487	-16.850	-17.438	-17.802	-18.277	-18.915	-19.555	-19.963	-19.994	-19.685
2661	26.60	-19.267	-19.083	-19.454	-20.557	-22.343	-24.519	-26.588	-27.936	-27.932	-26.048
2671	26.70	-21.977	-15.737	-7.740	1.217	10.065	17.675	23.132	25.977	26.338	24.871
2681	26.80	22.540	20.283	18.714	17.975	17.801	17.755	17.541	17.201	17.123	17.818
2691	26.90	19.569	22.134	24.655	25.857	24.483	19.785	11.879	1.784	-8.855	-18.272
2701	27.00	-25.087	-28.634	-28.991	-26.763	-22.741	-17.627	-11.943	-6.123	-0.689	3.635
2711	27.10	5.982	5.592	2.160	-4.015	-11.795	-19.637	-25.910	-29.367	-29.455	-26.387
2721	27.20	-20.971	-14.302	-7.453	-1.283	3.621	6.887	8.298	7.777	5.458	1.774
2731	27.30	-2.502	-6.338	-8.660	-8.647	-6.001	-1.086	5.121	11.280	16.042	18.423
2741	27.40	18.066	15.329	11.176	6.910	3.820	2.856	4.399	8.199	13.477	19.157
2751	27.50	24.151	27.612	29.083	28.514	26.176	22.519	18.051	13.275	8.687	4.793
2761	27.60	2.088	0.973	1.611	3.785	6.842	9.773	11.451	10.947	7.825	2.305
2771	27.70	-4.777	-12.200	-18.696	-23.288	-25.497	-25.392	-23.468	-20.433	-16.980	-13.626
2781	27.80	-10.638	-8.062	-5.801	-3.722	-1.758	0.025	1.412	2.071	1.655	-0.055
2791	27.90	-3.005	-6.773	-10.578	-13.427	-14.372	-12.813	-8.735	-2.800	3.776	9.519
2801	28.00	13.092	13.663	11.138	6.188	0.076	-5.657	-9.561	-10.606	-8.414	-3.344
2811	28.10	3.560	10.767	16.566	19.441	18.448	13.491	5.425	-4.084	-12.932	-19.098
2821	28.20	-21.181	-18.773	-12.555	-4.079	4.697	11.975	16.585	18.235	17.468	15.387
2831	28.30	13.248	12.088	12.473	14.435	17.564	21.194	24.603	27.179	28.526	28.508
2841	28.40	27.246	25.065	22.403	19.685	17.191	14.958	12.759	10.203	6.907	2.712
2851	28.50	-2.172	-7.145	-11.368	-14.020	-14.588	-13.055	-9.915	-6.009	-2.239	0.709
2861	28.60	2.533	3.308	3.328	2.889	2.121	0.946	-0.808	-3.222	-6.111	-8.978
2871	28.70	-11.114	-11.840	-10.769	-7.995	-4.117	-0.074	3.133	4.753	4.495	2.579
2881	28.80	-0.387	-3.651	-6.580	-8.853	-10.516	-11.894	-13.407	-15.369	-17.840	-20.601
2891	28.90	-23.229	-25.250	-26.295	-26.201	-25.024	-22.968	-20.293	-17.233	-13.975	-10.690
2901	29.00	-7.589	-4.944	-3.038	-2.073	-2.045	-2.694	-3.549	-4.084	-3.928	-3.025
2911	29.10	-1.667	-0.359	0.418	0.462	-0.016	-0.449	-0.145	1.402	4.266	8.020
2921	29.20	11.871	14.953	16.622	16.651	15.234	12.839	9.997	7.142	4.581	2.548
2931	29.30	1.303	1.141	2.292	4.737	8.053	11.405	13.745	14.169	12.293	8.465
2941	29.40	3.698	-0.692	-3.597	-4.562	-3.980	-2.926	-2.699	-4.253	-7.765	-12.496
2951	29.50	-17.031	-19.766	-19.482	-15.781	-9.236	-1.243	6.378	11.855	13.908	12.017
2961	29.60	6.509	-1.547	-10.574	-18.808	-24.637	-26.922	-25.231	-19.950	-12.228	-3.763
2971	29.70	3.566	8.014	8.544	4.890	-2.281	-11.513	-20.883	-28.422	-32.554	-32.446
2981	29.80	-28.190	-20.763	-11.781	-3.092	3.672	7.476	8.092	6.091	2.633	-0.879
2991	29.90	-3.166	-3.375	-1.240	2.894	8.183	13.461	17.482	19.150	17.760	13.182

Table 7-31-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	5.962	-2.703	-11.164	-17.656	-20.713	-19.549	-14.276	-5.896	3.948	13.386
3011	30.10	20.759	24.958	25.587	22.916	17.704	10.969	3.788	-2.830	-8.017	-11.095
3021	30.20	-11.641	-9.571	-5.221	0.644	6.917	12.368	15.934	17.012	15.658	12.611
3031	30.30	9.117	6.588	6.183	8.441	13.082	19.055	24.838	28.899	30.183	28.453
3041	30.40	24.359	19.204	14.479	11.329	10.162	10.539	11.391	11.483	9.927	6.544
3051	30.50	1.930	-2.789	-6.401	-8.065	-7.598	-5.492	-2.685	-0.197	1.191	1.112
3061	30.60	-0.394	-3.036	-6.440	-10.265	-14.200	-17.899	-20.909	-22.680	-22.679	-20.583
3071	30.70	-16.457	-10.848	-4.716	0.775	4.564	5.995	5.014	2.209	-1.338	-4.345
3081	30.80	-5.698	-4.781	-1.683	2.794	7.351	10.572	11.369	9.338	4.922	-0.713
3091	30.90	-6.028	-9.593	-10.521	-8.720	-4.863	-0.126	4.217	7.168	8.251	7.549
3101	31.00	5.574	3.068	0.678	-1.003	-1.713	-1.446	-0.447	0.837	1.843	2.031
3111	31.10	1.053	-1.091	-3.978	-6.834	-8.753	-9.003	-7.321	-4.059	-0.115	3.339
3121	31.20	5.241	5.006	2.719	-0.894	-4.694	-7.494	-8.403	-7.072	-3.762	0.745
3131	31.30	5.368	9.005	10.803	10.373	7.886	4.043	-0.100	-3.415	-5.015	-4.510
3141	31.40	-2.114	1.444	5.170	8.141	9.782	10.003	9.143	7.767	6.427	5.478
3151	31.50	5.031	5.032	5.307	6.056	7.054	8.364	9.823	11.075	11.639	11.073
3161	31.60	9.186	6.157	2.558	-0.825	-3.214	-4.077	-3.251	-0.938	2.404	6.201
3171	31.70	9.867	12.836	14.564	14.543	12.391	8.002	1.714	-5.825	-12.747	-18.255
3181	31.80	-21.019	-20.556	-17.240	-12.239	-7.177	-3.633	-2.650	-4.416	-8.237	-12.806
3191	31.90	-16.653	-18.628	-18.243	-15.767	-12.067	-8.269	-5.368	-3.924	-3.948	-4.977
3201	32.00	-6.300	-7.234	-7.349	-6.564	-5.122	-3.455	-2.031	-1.223	-1.240	-2.126
3211	32.10	-3.773	-5.938	-8.255	-10.244	-11.365	-11.127	-9.247	-5.797	-1.272	3.468
3221	32.20	7.411	9.686	9.850	8.041	4.943	1.572	-1.057	-2.231	-1.725	0.199
3231	32.30	2.948	5.820	8.215	9.746	10.246	9.717	8.258	6.044	3.333	0.479
3241	32.40	-2.083	-3.925	-4.752	-4.518	-3.475	-2.112	-0.996	-0.577	-1.029	-2.194
3251	32.50	-3.651	-4.874	-5.422	-5.084	-3.937	-2.311	-0.677	0.495	0.866	0.318
3261	32.60	-1.004	-2.723	-4.306	-5.201	-4.997	-3.563	-1.134	1.716	4.211	5.595
3271	32.70	5.376	3.496	0.380	-3.177	-6.243	-8.021	-8.072	-6.434	-3.581	-0.274
3281	32.80	2.666	4.570	5.085	4.240	2.412	0.202	-1.737	-2.886	-3.011	-2.223
3291	32.90	-0.935	0.290	0.940	0.748	-0.208	-1.541	-2.705	-3.221	-2.863	-1.736
3301	33.00	-0.216	1.229	2.234	2.677	2.683	2.512	2.391	2.378	2.331	1.996
3311	33.10	1.164	-0.181	-1.806	-3.292	-4.190	-4.196	-3.276	-1.683	0.124	1.613
3321	33.20	2.317	1.925	0.333	-2.345	-5.776	-9.414	-12.552	-14.423	-14.375	-12.081
3331	33.30	-7.711	-1.986	3.949	8.816	11.569	11.728	9.529	5.847	1.901	-1.153
3341	33.40	-2.581	-2.270	-0.699	1.298	2.862	3.430	2.914	1.697	0.476	-0.001
3351	33.50	0.809	3.067	6.504	10.502	14.275	17.079	18.405	18.078	16.276	13.442
3361	33.60	10.148	6.952	4.292	2.450	1.562	1.669	2.744	4.701	7.357	10.398
3371	33.70	13.386	15.814	17.234	17.393	16.325	14.360	12.016	9.829	8.173	7.149
3381	33.80	6.590	6.169	5.559	4.571	3.215	1.658	0.119	-1.250	-2.421	-3.484
3391	33.90	-4.568	-5.762	-7.067	-8.406	-9.694	-10.897	-12.060	-13.274	-14.585	-15.923
3401	34.00	-17.071	-17.724	-17.605	-16.599	-14.826	-12.618	-10.409	-8.575	-7.309	-6.585
3411	34.10	-6.222	-6.016	-5.867	-5.831	-6.057	-6.661	-7.575	-8.484	-8.880	-8.237
3421	34.20	-6.233	-2.923	1.221	5.430	8.872	10.920	11.332	10.303	8.349	6.116
3431	34.30	4.172	2.873	2.340	2.513	3.240	4.344	5.638	6.900	7.861	8.234
3441	34.40	7.799	6.511	4.588	2.496	0.839	0.179	0.841	2.804	5.702	8.948
3451	34.50	11.905	14.054	15.082	14.883	13.499	11.064	7.774	3.910	-0.138	-3.877
3461	34.60	-6.798	-8.513	-8.910	-8.229	-7.025	-6.000	-5.764	-6.624	-8.470	-10.827
3471	34.70	-13.022	-14.418	-14.606	-13.501	-11.318	-8.470	-5.425	-2.595	-0.265	1.430
3481	34.80	2.504	3.110	3.480	3.876	4.479	5.299	6.129	6.544	6.143	4.667
3491	34.90	2.229	-0.632	-3.079	-4.272	-3.717	-1.525	1.544	4.308	5.577	4.601

Table 7-31-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	1.363	-3.405	-8.492	-12.644	-14.997	-15.320	-13.997	-11.783	-9.455	-7.525
3511	35.10	-6.134	-5.124	-4.242	-3.363	-2.485	-1.886	-1.772	-2.212	-3.030	-3.837
3521	35.20	-4.163	-3.636	-2.113	0.278	3.194	6.186	8.824	10.773	11.831	11.933
3531	35.30	11.140	9.635	7.721	5.788	4.252	3.463	3.607	4.653	6.371	8.409
3541	35.40	10.417	12.134	13.427	14.239	14.506	14.090	12.775	10.373	6.873	2.583
3551	35.50	-1.840	-5.505	-7.536	-7.383	-5.043	-1.129	3.292	7.023	9.109	9.115
3561	35.60	7.217	4.064	0.495	-2.767	-5.313	-7.071	-8.166	-8.708	-8.648	-7.764
3571	35.70	-5.811	-2.750	1.000	4.839	7.554	8.252	6.408	2.162	-3.675	-9.846
3581	35.80	-15.028	-18.211	-18.946	-17.383	-14.124	-9.970	-5.683	-1.851	1.127	2.981
3591	35.90	3.513	2.598	0.256	-3.260	-7.414	-11.452	-14.575	-16.167	-15.991	-14.258
3601	36.00	-11.554	-8.635	-6.182	-4.610	-3.997	-4.145	-4.720	-5.409	-6.021	-6.501
3611	36.10	-6.884	-7.216	-7.498	-7.675	-7.666	-7.402	-6.853	-6.018	-4.906	-3.506
3621	36.20	-1.788	0.273	2.652	5.243	7.848	10.212	12.069	13.200	13.477	12.880
3631	36.30	11.496	9.507	7.169	4.785	2.655	1.013	-0.045	-0.595	-0.872	-1.174
3641	36.40	-1.719	-2.492	-3.177	-3.201	-1.934	1.039	5.661	11.283	16.755	20.730
3651	36.50	22.085	20.315	15.743	9.457	2.996	-2.129	-4.888	-5.007	-2.982	0.163
3661	36.60	3.264	5.404	6.158	5.629	4.309	2.821	1.682	1.144	1.178	1.542
3671	36.70	1.912	2.091	1.628	0.748	-0.550	-2.071	-3.532	-4.616	-5.026	-4.575
3681	36.80	-3.261	-1.305	0.885	2.811	4.040	4.341	3.753	2.570	1.217	0.101
3691	36.90	-0.534	-0.674	-0.511	-0.352	-0.507	-1.196	-2.502	-4.379	-6.679	-9.185
3701	37.00	-11.633	-13.720	-15.146	-15.657	-15.118	-13.576	-11.272	-8.597	-5.998	-3.853
3711	37.10	-2.388	-1.646	-1.528	-1.871	-2.532	-3.416	-4.456	-5.562	-6.562	-7.204
3721	37.20	-7.193	-6.290	-4.388	-1.572	1.895	5.629	9.196	12.184	14.240	15.100
3731	37.30	14.609	12.764	9.764	6.035	2.202	-1.007	-2.927	-3.126	-1.534	1.536
3741	37.40	5.465	9.504	12.956	15.324	16.382	16.168	14.917	12.992	10.815	8.815
3751	37.50	7.371	6.751	7.043	8.109	9.599	11.035	11.948	12.036	11.263	9.864
3761	37.60	8.262	6.910	6.140	6.067	6.586	7.430	8.266	8.776	8.695	7.828
3771	37.70	6.054	3.349	-0.172	-4.223	-8.357	-12.038	-14.764	-16.200	-16.254	-15.083
3781	37.80	-13.004	-10.382	-7.539	-4.728	-2.171	-0.113	1.166	1.418	0.555	-1.224
3791	37.90	-3.408	-5.278	-6.153	-5.671	-3.974	-1.717	0.155	0.760	-0.364	-3.055
3801	38.00	-6.576	-9.844	-11.873	-12.051	-10.339	-7.220	-3.477	0.078	2.833	6.473
3811	38.10	4.951	4.398	3.021	1.060	-1.221	-3.523	-5.541	-7.018	-7.832	-8.041
3821	38.20	-7.863	-7.580	-7.400	-7.359	-7.291	-6.909	-5.949	-4.310	-2.132	0.234
3831	38.30	2.329	3.737	4.187	3.611	2.117	-0.056	-2.586	-5.088	-7.127	-8.254
3841	38.40	-8.091	-6.456	-3.498	0.251	3.941	6.605	7.457	6.158	2.976	-1.262
3851	38.50	-5.402	-8.314	-9.246	-8.041	-5.168	-1.535	1.816	4.046	4.771	4.148
3861	38.60	2.786	1.517	1.100	1.965	4.051	6.813	9.385	10.846	10.531	8.274
3871	38.70	4.499	0.128	-3.675	-5.863	-5.833	-3.618	0.122	4.314	7.817	9.769
3881	38.80	9.828	8.222	5.616	2.846	0.641	-0.576	-0.743	-0.087	1.033	2.282
3891	38.90	3.447	4.451	5.299	6.007	6.549	6.855	6.848	6.486	5.788	4.826
3901	39.00	3.690	2.451	1.142	-0.220	-1.600	-2.911	-4.023	-4.806	-5.210	-5.326
3911	39.10	-5.400	-5.786	-6.824	-8.716	-11.416	-14.628	-17.852	-20.515	-22.119	-22.345
3921	39.20	-21.101	-18.513	-14.882	-10.641	-6.320	-2.516	0.169	1.238	0.455	-2.010
3931	39.30	-5.512	-9.015	-11.339	-11.516	-9.154	-4.635	0.920	5.975	9.070	9.327
3941	39.40	6.763	2.301	-2.543	-6.183	-7.493	-6.151	-2.673	1.841	6.151	9.299
3951	39.50	10.874	11.019	10.236	9.092	7.972	6.984	6.029	4.976	3.830	2.818
3961	39.60	2.331	2.775	4.388	7.116	10.591	14.217	17.311	19.265	19.659	18.330
3971	39.70	15.391	11.219	6.420	1.751	-1.988	-4.114	-4.223	-2.314	1.172	5.434
3981	39.80	9.499	12.451	13.642	12.807	10.066	5.836	0.702	-4.698	-9.739	-13.840
3991	39.90	-16.490	-17.303	-16.106	-13.037	-8.584	-3.533	1.197	4.784	6.731	6.983

Table 7-31-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	5.909	4.140	2.327	0.932	0.112	-0.258	-0.466	-0.794	-1.401	-2.281
4011	40.10	-3.313	-4.348	-5.282	-6.087	-6.779	-7.370	-7.831	-8.102	-8.135	-7.949
4021	40.20	-7.655	-7.420	-7.396	-7.628	-8.003	-8.258	-8.065	-7.140	-5.348	-2.759
4031	40.30	0.368	3.650	6.671	9.068	10.580	11.072	10.543	9.122	7.056	4.697
4041	40.40	2.452	0.727	-0.149	0.015	1.241	3.394	6.214	9.363	12.461	15.101
4051	40.50	16.873	17.403	16.424	13.881	10.015	5.386	0.802	-2.864	-4.915	-5.038
4061	40.60	-3.430	-0.748	2.080	4.138	4.797	3.888	1.720	-1.053	-3.663	-5.466
4071	40.70	-6.115	-5.621	-4.299	-2.642	-1.158	-0.229	-0.020	-0.444	-1.197	-1.867
4081	40.80	-1.959	-1.248	0.299	2.352	4.274	5.259	4.569	1.790	-2.970	-9.012
4091	40.90	-15.169	-20.086	-22.590	-22.035	-18.502	-12.800	-6.238	-0.267	3.914	5.648
4101	41.00	4.944	2.382	-1.125	-4.625	-7.383	-9.022	-9.518	-9.105	-8.127	-6.921
4111	41.10	-5.753	-4.816	-4.246	-4.139	-4.523	-5.323	-6.321	-7.185	-7.539	-7.103
4121	41.20	-5.810	-3.872	-1.744	0.025	0.985	0.963	0.152	-0.934	-1.622	-1.309
4131	41.30	0.334	3.239	6.947	10.731	13.796	15.488	15.472	13.812	10.965	7.675
4141	41.40	4.803	3.114	3.094	4.819	7.931	11.731	15.372	18.088	19.397	19.195
4151	41.50	17.726	15.435	12.777	10.062	7.405	4.782	2.166	-0.344	-2.479	-3.868
4161	41.60	-4.200	-3.402	-1.744	0.192	1.674	2.072	1.086	-1.132	-4.015	-6.758
4171	41.70	-8.582	-8.976	-7.855	-5.570	-2.794	-0.317	1.184	1.324	0.105	-2.098
4181	41.80	-4.666	-6.912	-8.288	-8.525	-7.688	-6.113	-4.254	-2.501	-1.049	0.138
4191	41.90	1.230	2.378	3.554	4.498	4.806	4.126	2.390	-0.055	-2.492	-4.066
4201	42.00	-4.117	-2.487	0.365	3.494	5.810	6.504	5.373	2.908	0.092	-1.989
4211	42.10	-2.580	-1.545	0.610	2.969	4.589	4.877	3.793	1.819	-0.272	-1.740
4221	42.20	-2.149	-1.494	-0.141	1.349	2.428	2.711	2.023	0.368	-2.144	-5.335
4231	42.30	-8.958	-12.655	-15.941	-18.244	-19.035	-17.998	-15.181	-11.053	-6.430	-2.265
4241	42.40	0.617	1.742	1.108	-0.858	-3.468	-6.006	-7.934	-8.997	-9.223	-8.823
4251	42.50	-8.062	-7.150	-6.199	-5.240	-4.278	-3.334	-2.471	-1.769	-1.287	-1.023
4261	42.60	-0.903	-0.801	-0.583	-0.150	0.525	1.381	2.280	3.030	3.425	3.294
4271	42.70	2.551	1.247	-0.418	-2.108	-3.430	-4.042	-3.767	-2.659	-1.002	0.791
4281	42.80	2.321	3.359	3.925	4.272	4.765	5.715	7.221	9.108	10.969	12.293
4291	42.90	12.639	11.768	9.714	6.759	3.360	0.039	-2.700	-4.454	-4.970	-4.202
4301	43.00	-2.344	0.164	2.699	4.581	5.261	4.488	2.416	-0.431	-3.315	-5.520
4311	43.10	-6.577	-6.384	-5.184	-3.415	-1.514	0.246	1.795	3.197	4.511	5.672
4321	43.20	6.464	6.613	5.938	4.509	2.698	1.105	0.369	0.944	2.931	6.030
4331	43.30	9.631	12.999	15.490	16.705	16.555	15.236	13.125	10.668	8.272	6.229
4341	43.40	4.685	3.625	2.898	2.263	1.457	0.285	-1.316	-3.233	-5.203	-6.887
4351	43.50	-7.975	-8.295	-7.870	-6.917	-5.784	-4.850	-4.423	-4.663	-5.553	-6.910
4361	43.60	-8.424	-9.725	-10.451	-10.322	-9.203	-7.146	-4.399	-1.370	1.464	3.657
4371	43.70	4.913	5.153	4.533	3.396	2.181	1.306	1.068	1.583	2.765	4.360
4381	43.80	6.014	7.365	8.135	8.210	7.681	6.817	5.987	5.525	5.603	6.138
4391	43.90	6.789	7.059	6.468	4.738	1.923	-1.576	-5.117	-8.022	-9.776	-10.180
4401	44.00	-9.380	-7.782	-5.898	-4.176	-2.891	-2.107	-1.714	-1.504	-1.249	-0.762
4411	44.10	0.074	1.271	2.717	4.168	5.265	5.611	4.887	2.997	0.158	-3.092
4421	44.20	-6.016	-7.901	-8.290	-7.156	-4.916	-2.282	-0.002	1.419	1.882	1.696
4431	44.30	1.398	1.491	2.201	3.364	4.491	4.987	4.404	2.650	0.040	-2.814
4441	44.40	-5.222	-6.654	-6.900	-6.099	-4.643	-3.011	-1.600	-0.635	-0.148	-0.038
4451	44.50	-0.140	-0.298	-0.384	-0.310	-0.019	0.493	1.159	1.808	2.183	1.997
4461	44.60	1.035	-0.744	-3.135	-5.712	-7.930	-9.291	-9.508	-8.613	-6.954	-5.098
4471	44.70	-3.657	-3.106	-3.652	-5.192	-7.354	-9.609	-11.408	-12.307	-12.055	-10.641
4481	44.80	-8.297	-5.453	-2.657	-0.463	0.707	0.685	-0.368	-1.973	-3.449	-4.100
4491	44.90	-3.444	-1.385	1.734	5.214	8.218	10.041	10.333	9.210	7.184	4.971

Table 7-31-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	3.232	2.355	2.359	2.947	3.679	4.177	4.279	4.083	3.857	3.878
4511	45.10	4.273	4.931	5.528	5.659	5.004	3.477	1.282	-1.139	-3.238	-4.526
4521	45.20	-4.709	-3.765	-1.933	0.348	2.549	4.159	4.786	4.243	2.596	0.183
4531	45.30	-2.434	-4.576	-5.612	-5.143	-3.144	-0.015	3.490	6.467	8.114	7.977
4541	45.40	6.986	2.951	-0.602	-3.673	-5.549	-5.888	-4.784	-2.697	-0.302	1.705
4551	45.50	2.777	2.626	1.265	-1.020	-3.735	-6.288	-8.094	-8.698	-7.861	-5.618
4561	45.60	-2.286	1.599	5.377	8.397	10.145	10.340	8.992	6.402	3.123	-0.137
4571	45.70	-2.639	-3.768	-3.179	-0.911	2.579	6.494	9.884	11.902	12.059	10.377
4581	45.80	7.398	4.017	1.192	-0.361	-0.382	0.878	2.792	4.608	5.724	5.877
4591	45.90	5.180	4.012	2.823	1.933	1.433	1.183	0.921	0.411	-0.448	-1.580
4601	46.00	-2.774	-3.781	-4.405	-4.569	-4.318	-3.783	-3.132	-2.523	-2.084	-1.917
4611	46.10	-2.089	-2.639	-3.554	-4.754	-6.092	-7.370	-8.375	-8.931	-8.937	-8.386
4621	46.20	-7.362	-6.017	-4.535	-3.109	-1.907	-1.054	-0.609	-0.554	-0.798	-1.200
4631	46.30	-1.623	-1.989	-2.319	-2.736	-3.413	-4.480	-5.925	-7.544	-8.965	-9.757
4641	46.40	-9.592	-8.398	-6.430	-4.223	-2.429	-1.590	-1.936	-3.294	-5.130	-6.742
4651	46.50	-7.493	-7.035	-5.402	-2.976	-0.321	2.020	3.708	4.679	5.113	5.321
4661	46.60	5.598	6.128	6.942	7.953	9.021	10.019	10.871	11.554	12.074	12.452
4671	46.70	12.709	12.875	12.994	13.114	13.274	13.471	13.650	13.716	13.572	13.161
4681	46.80	12.503	11.691	10.853	10.097	9.468	8.934	8.419	7.854	7.223	6.577
4691	46.90	6.004	5.557	5.206	4.810	4.155	3.035	1.345	-0.851	-3.321	-5.723
4701	47.00	-7.705	-9.015	-9.565	-9.444	-8.873	-8.124	-7.437	-6.963	-6.740	-6.713
4711	47.10	-6.775	-6.832	-6.857	-6.923	-7.198	-7.900	-9.203	-11.137	-13.504	-15.857
4721	47.20	-17.578	-18.030	-16.770	-13.718	-9.248	-4.127	0.680	4.270	6.062	5.945
4731	47.30	4.279	1.746	-0.872	-2.933	-4.079	-4.273	-3.725	-2.762	-1.691	-0.720
4741	47.40	0.064	0.673	1.162	1.588	1.983	2.357	2.696	2.971	3.146	3.191
4751	47.50	3.095	2.885	2.632	2.434	2.377	2.485	2.680	2.786	2.583	1.892
4761	47.60	0.670	-0.945	-2.645	-4.045	-4.806	-4.753	-3.934	-2.600	-1.117	0.153
4771	47.70	0.953	1.171	0.832	0.037	-1.090	-2.432	-3.865	-5.222	-6.269	-6.716
4781	47.80	-6.288	-4.830	-2.403	0.672	3.847	6.470	7.960	7.976	6.528	3.990
4791	47.90	1.004	-1.688	-3.443	-3.876	-2.952	-0.971	1.533	3.941	5.714	6.513
4801	48.00	6.253	5.083	3.313	1.304	-0.612	-2.200	-3.326	-3.936	-4.025	-3.611
4811	48.10	-2.737	-1.490	-0.025	1.428	2.602	3.250	3.233	2.572	1.470	0.260
4821	48.20	-0.691	-1.096	-0.841	-0.017	1.119	2.238	3.049	3.390	3.263	2.797
4831	48.30	2.181	1.569	1.028	0.527	-0.023	-0.698	-1.499	-2.327	-2.997	-3.309
4841	48.40	-3.116	-2.397	-1.274	0.002	1.119	1.779	1.778	1.055	-0.289	-2.009
4851	48.50	-3.763	-5.180	-5.932	-5.809	-4.775	-2.986	-0.778	1.403	3.098	3.957
4861	48.60	3.836	2.845	1.325	-0.242	-1.377	-1.744	-1.246	-0.056	1.451	2.821
4871	48.70	3.664	3.776	3.183	2.113	0.904	-0.120	-0.756	-0.970	-0.890	-0.734
4881	48.80	-0.720	-0.978	-1.506	-2.164	-2.746	-3.037	-2.902	-2.328	-1.437	-0.445
4891	48.90	0.403	0.911	0.990	0.685	0.154	-0.389	-0.745	-0.793	-0.525	-0.030
4901	49.00	0.546	1.066	1.443	1.664	1.763	1.780	1.719	1.532	1.144	0.510
4911	49.10	-0.332	-1.222	-1.904	-2.093	-1.585	-0.344	1.444	3.403	5.056	5.958
4921	49.20	5.828	4.634	2.603	0.166	-2.153	-3.864	-4.626	-4.314	-3.033	-1.083
4931	49.30	1.125	3.167	4.700	5.532	5.646	5.177	4.354	3.419	2.560	1.869
4941	49.40	1.349	0.943	0.587	0.243	-0.091	-0.399	-0.673	-0.934	-1.225	-1.587
4951	49.50	-2.020	-2.464	-2.811	-2.952	-2.826	-2.468	-2.011	-1.640	-1.526	-1.756
4961	49.60	-2.305	-3.040	-3.783	-4.364	-4.680	-4.695	-4.426	-3.909	-3.180	-2.288
4971	49.70	-1.317	-0.419	0.205	0.348	-0.104	-1.100	-2.389	-3.570	-4.212	-4.014
4981	49.80	-2.930	-1.211	0.662	2.142	2.806	2.508	1.431	0.024	-1.165	-1.673
4991	49.90	-1.269	-0.018	1.773	3.674	5.283	6.339	6.773	6.686	6.275	5.748

Table 7-31-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	5.263	4.899	4.667	4.534	4.451	4.365	4.224	3.970	3.591	3.067
5011	50.10	2.466	1.906	1.543	1.511	1.867	2.546	3.370	4.101	4.531	4.567
5021	50.20	4.270	3.830	3.476	3.369	3.519	3.771	3.865	3.556	2.722	1.429
5031	50.30	-0.091	-1.528	-2.615	-3.210	-3.325	-3.075	-2.595	-1.968	-1.200	-0.261
5041	50.40	0.838	1.985	2.957	3.479	3.320	2.395	0.808	-1.177	-3.223	-5.028
5051	50.50	-6.395	-7.250	-7.603	-7.482	-6.900	-5.855	-4.376	-2.578	-0.683	1.017
5061	50.60	2.236	2.794	2.676	2.039	1.139	0.247	-0.445	-0.854	-0.995	-0.915
5071	50.70	-0.663	-0.248	0.332	1.069	1.819	2.499	2.930	3.000	2.688	2.074
5081	50.80	1.304	0.534	-0.131	-0.655	-1.059	-1.379	-1.640	-1.836	-1.949	-1.997
5091	50.90	-2.038	-2.173	-2.510	-3.117	-3.996	-5.084	-6.287	-7.523	-8.753	-9.966
5101	51.00	-11.140	-12.196	-12.978	-13.289	-12.959	-11.942	-10.364	-8.515	-6.768	-5.461
5111	51.10	-4.776	-4.693	-5.007	-5.426	-5.683	-5.639	-5.309	-4.830	-4.383	-4.104
5121	51.20	-4.026	-4.071	-4.087	-3.905	-3.394	-2.494	-1.227	0.321	2.012	3.685
5131	51.30	5.173	6.325	7.033	7.250	7.010	6.418	5.635	4.841	4.190	3.784
5141	51.40	3.654	3.763	4.026	4.333	4.577	4.674	4.584	4.309	3.902	3.447
5151	51.50	3.047	2.799	2.779	3.026	3.550	4.329	5.315	6.426	7.535	8.461
5161	51.60	8.982	8.871	7.968	6.256	3.911	1.304	-1.069	-2.714	-3.287	-2.699
5171	51.70	-1.164	0.864	2.820	4.189	4.652	4.149	2.876	1.197	-0.474	-1.782
5181	51.80	-2.509	-2.605	-2.168	-1.409	-0.588	0.043	0.306	0.139	-0.375	-1.028
5191	51.90	-1.536	-1.640	-1.188	-0.211	1.083	2.364	3.300	3.669	3.436	2.759
5201	52.00	1.919	1.213	0.858	0.938	1.420	2.207	3.202	4.336	5.546	6.734
5211	52.10	7.726	8.282	8.170	7.278	5.706	3.797	2.051	0.968	0.851	1.670
5221	52.20	3.043	4.354	4.973	4.486	2.855	0.437	-2.138	-4.188	-5.207	-5.023
5231	52.30	-3.829	-2.093	-0.391	0.771	1.093	0.530	-0.738	-2.384	-4.042	-5.398
5241	52.40	-6.254	-6.556	-6.392	-5.959	-5.503	-5.249	-5.334	-5.756	-6.371	-6.941
5251	52.50	-7.211	-7.004	-6.288	-5.195	-3.974	-2.910	-2.226	-2.012	-2.215	-2.673
5261	52.60	-3.183	-3.573	-3.744	-3.679	-3.420	-3.036	-2.595	-2.159	-1.784	-1.522
5271	52.70	-1.405	-1.425	-1.509	-1.526	-1.314	-0.744	0.215	1.459	2.765	3.857
5281	52.80	4.506	4.619	4.271	3.676	3.095	2.727	2.628	2.706	2.772	2.641
5291	52.90	2.223	1.567	0.829	0.196	-0.202	-0.353	-0.353	-0.356	-0.487	-0.788
5301	53.00	-1.209	-1.646	-2.008	-2.270	-2.475	-2.698	-2.980	-3.285	-3.505	-3.508
5311	53.10	-3.223	-2.705	-2.140	-1.783	-1.847	-2.399	-3.300	-4.233	-4.808	-4.700
5321	53.20	-3.773	-2.130	-0.088	1.926	3.503	4.367	4.442	3.853	2.873	1.646
5331	53.30	1.087	0.812	1.077	1.773	2.649	3.387	3.696	3.406	2.536	1.294
5341	53.40	0.021	-0.915	-1.238	-0.842	0.187	1.614	3.144	4.506	5.505	6.043
5351	53.50	6.094	5.686	4.891	3.842	2.741	1.846	1.418	1.631	2.491	3.796
5361	53.60	5.181	6.228	6.612	6.212	5.146	3.705	2.233	0.984	0.049	-0.640
5371	53.70	-1.232	-1.849	-2.510	-3.125	-3.544	-3.641	-3.376	-2.802	-2.027	-1.149
5381	53.80	-0.218	0.756	1.754	2.689	3.390	3.643	3.277	2.269	0.795	-0.802
5391	53.90	-2.111	-2.799	-2.724	-1.972	-0.809	0.435	1.492	2.231	2.667	2.896
5401	54.00	3.011	3.035	2.908	2.520	1.784	0.690	-0.661	-2.085	-3.362	-4.307
5411	54.10	-4.818	-4.897	-4.641	-4.207	-3.756	-3.411	-3.219	-3.142	-3.086	-2.945
5421	54.20	-2.673	-2.326	-2.073	-2.146	-2.749	-3.946	-5.592	-7.333	-8.706	-9.289
5431	54.30	-8.862	-7.503	-5.578	-3.612	-2.108	-1.366	-1.384	-1.885	-2.440	-2.649
5441	54.40	-2.289	-1.392	-0.204	0.922	1.675	1.899	1.640	1.117	0.634	0.480
5451	54.50	0.835	1.726	3.019	4.468	5.784	6.711	7.102	6.966	6.467	5.882
5461	54.60	5.516	5.606	6.233	7.287	8.498	9.519	10.038	9.879	9.058	7.761
5471	54.70	6.275	4.885	3.783	3.017	2.500	2.066	1.544	0.833	-0.063	-1.030
5481	54.80	-1.889	-2.454	-2.596	-2.283	-1.604	-0.748	0.037	0.509	0.488	-0.093
5491	54.90	-1.168	-2.554	-3.988	-5.190	-5.929	-6.072	-5.617	-4.686	-3.493	-2.290

Table 7-31-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.301	-0.671	-0.432	-0.512	-0.767	-1.043	-1.233	-1.314	-1.341	-1.413
5511	55.10	-1.612	-1.950	-2.351	-2.678	-2.795	-2.633	-2.237	-1.755	-1.382	-1.278
5521	55.20	-1.494	-1.967	-2.449	-2.787	-2.808	-2.482	-1.907	-1.273	-0.783	-0.596
5531	55.30	-0.779	-1.317	-2.130	-3.111	-4.140	-5.093	-5.836	-6.239	-6.194	-5.659
5541	55.40	-4.685	-3.423	-2.095	-0.936	-0.128	0.245	0.205	-0.143	-0.657	-1.205
5551	55.50	-1.685	-2.032	-2.211	-2.215	-2.068	-1.828	-1.588	-1.450	-1.479	-1.662
5561	55.60	-1.890	-1.987	-1.779	-1.183	-0.275	0.704	1.414	1.534	0.889	-0.469
5571	55.70	-2.262	-4.066	-5.442	-6.071	-5.832	-4.822	-3.294	-1.572	0.038	1.305
5581	55.80	2.103	2.396	2.222	1.678	0.901	0.061	-0.662	-1.101	-1.136	-0.720
5591	55.90	0.109	1.230	2.461	3.591	4.423	4.816	4.719	4.196	3.422	2.648
5601	56.00	2.129	2.040	2.407	3.082	3.790	4.227	4.191	3.678	2.906	2.244
5611	56.10	2.068	2.608	3.840	5.481	7.091	8.231	8.620	8.221	7.227	5.966
5621	56.20	4.767	3.853	3.304	3.085	3.119	3.341	3.720	4.231	4.815	5.346
5631	56.30	5.659	5.607	5.143	4.358	3.465	2.724	2.329	2.330	2.611	2.945
5641	56.40	3.095	2.918	2.417	1.724	1.024	0.465	0.094	-0.150	-0.381	-0.699
5651	56.50	-1.131	-1.621	-2.067	-2.381	-2.539	-2.587	-2.614	-2.695	-2.848	-3.021
5661	56.60	-3.119	-3.058	-2.808	-2.407	-1.940	-1.492	-1.110	-0.784	-0.470	-0.133
5671	56.70	0.221	0.534	0.721	0.720	0.534	0.243	-0.019	-0.126	-0.011	0.302
5681	56.80	0.714	1.105	1.393	1.569	1.698	1.864	2.110	2.393	2.585	2.529
5691	56.90	2.116	1.359	0.412	-0.472	-1.036	-1.118	-0.729	-0.048	0.639	1.051
5701	57.00	1.019	0.544	-0.211	-0.993	-1.554	-1.745	-1.552	-1.086	-0.526	-0.050
5711	57.10	0.212	0.204	-0.067	-0.554	-1.197	-1.928	-2.675	-3.360	-3.911	-4.275
5721	57.20	-4.442	-4.452	-4.384	-4.321	-4.322	-4.389	-4.479	-4.537	-4.534	-4.504
5731	57.30	-4.535	-4.727	-5.138	-5.732	-6.377	-6.883	-7.086	-6.914	-6.430	-5.797
5741	57.40	-5.199	-4.744	-4.408	-4.039	-3.435	-2.461	-1.133	0.347	1.664	2.508
5751	57.50	2.715	2.338	1.638	0.981	0.699	0.965	1.754	2.882	4.106	5.228
5761	57.60	6.147	6.840	7.298	7.458	7.194	6.374	4.972	3.161	1.339	0.027
5771	57.70	-0.312	0.518	2.323	4.535	6.392	7.217	6.686	4.963	2.654	0.577
5781	57.80	-0.556	-0.402	0.887	2.747	4.439	5.341	5.166	4.033	2.356	0.635
5791	57.90	-0.760	-1.720	-2.377	-2.981	-3.723	-4.620	-5.498	-6.090	-6.188	-5.768
5801	58.00	-5.023	-4.288	-3.891	-4.007	-4.582	-5.368	-6.051	-6.397	-6.367	-6.113
5811	58.10	-5.898	-5.948	-6.328	-6.900	-7.378	-7.452	-6.929	-5.815	-4.316	-2.753
5821	58.20	-1.449	-0.623	-0.353	-0.595	-1.238	-2.167	-3.280	-4.477	-5.625	-6.548
5831	58.30	-7.051	-6.985	-6.318	-5.176	-3.821	-2.573	-1.703	-1.343	-1.459	-1.888
5841	58.40	-2.427	-2.914	-3.273	-3.495	-3.582	-3.486	-3.094	-2.274	-0.957	0.780
5851	58.50	2.692	4.424	5.633	6.133	5.975	5.443	4.940	4.826	5.268	6.184
5861	58.60	7.287	8.220	8.717	8.712	8.352	7.914	7.672	7.770	8.172	8.695
5871	58.70	9.109	9.245	9.067	8.670	8.214	7.837	7.592	7.426	7.227	6.893
5881	58.80	6.389	5.767	5.136	4.612	4.256	4.059	3.952	3.854	3.708	3.504
5891	58.90	3.265	3.015	2.768	2.421	1.979	1.394	0.702	0.008	-0.545	-0.836
5901	59.00	-0.824	-0.571	-0.231	0.021	0.054	-0.157	-0.523	-0.884	-1.079	-1.017
5911	59.10	-0.717	-0.297	0.080	0.276	0.234	-0.012	-0.364	-0.716	-1.002	-1.224
5921	59.20	-1.632	-1.681	-1.987	-2.300	-2.516	-2.523	-2.256	-1.738	-1.081	-0.447
5931	59.30	0.006	0.186	0.095	-0.182	-0.521	-0.806	-0.978	-1.038	-1.037	-1.036
5941	59.40	-1.078	-1.174	-1.307	-1.450	-1.584	-1.700	-1.789	-1.830	-1.787	-1.618
5951	59.50	-1.308	-0.898	-0.493	-0.255	-0.352	-0.903	-1.928	-3.329	-4.903	-6.392
5961	59.60	-7.539	-8.140	-8.082	-7.352	-6.038	-4.321	-2.462	-0.767	0.453	0.956
5971	59.70	0.641	-0.397	-1.659	-3.303	-4.263	-4.382	-3.535	-1.872	0.223	2.255
5981	59.80	3.774	4.504	4.409	3.629	2.636	1.621	0.894	0.577	0.659	1.030
5991	59.90	1.533	2.011	2.331	2.401	2.180	1.689	1.021	0.327	-0.212	-0.441

Table 7-31-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.286	0.201	0.851	1.420	1.669	1.450	0.757	-0.270	-1.389	-2.336
6011	60.10	-2.905	-2.996	-2.636	-1.948	-1.115	-0.323	0.276	0.590	0.597	0.344
6021	60.20	-0.064	-0.487	-0.788	-0.869	-0.702	-0.346	0.074	0.409	0.539	0.416
6031	60.30	0.079	-0.363	-0.786	-1.100	-1.288	-1.407	-1.557	-1.825	-2.238	-2.741
6041	60.40	-3.206	-3.475	-3.416	-2.966	-2.160	-1.121	-0.031	0.915	1.554	1.796
6051	60.50	1.632	1.141	0.460	-0.249	-0.846	-1.246	-1.448	-1.522	-1.584	-1.754
6061	60.60	-2.101	-2.622	-3.234	-3.802	-4.182	-4.270	-4.030	-3.503	-2.785	-1.996
6071	60.70	-1.242	-0.589	-0.052	0.395	0.799	1.209	1.669	2.109	2.541	2.868
6081	60.80	3.008	2.898	2.527	1.949	1.289	0.714	0.392	0.446	0.906	1.701
6091	60.90	2.665	3.587	4.264	4.553	4.407	3.873	3.075	2.171	1.311	0.613
6101	61.00	0.143	-0.076	-0.054	0.185	0.607	1.176	1.848	2.560	3.229	3.761
6111	61.10	4.062	4.074	3.794	3.295	2.717	2.240	2.028	2.179	2.681	3.408
6121	61.20	4.156	4.701	4.878	4.626	4.010	3.182	2.329	1.598	1.061	0.702
6131	61.30	0.452	0.234	0.003	-0.232	-0.431	-0.553	-0.592	-0.587	-0.607	-0.717
6141	61.40	-0.937	-1.225	-1.488	-1.620	-1.545	-1.254	-0.810	-0.322	0.093	0.350
6151	61.50	0.419	0.323	0.112	-0.161	-0.461	-0.775	-1.098	-1.420	-1.712	-1.930
6161	61.60	-2.030	-1.992	-1.831	-1.608	-1.412	-1.338	-1.465	-1.828	-2.414	-3.158
6171	61.70	-3.957	-4.693	-5.257	-5.572	-5.610	-5.400	-5.020	-4.573	-4.157	-3.838
6181	61.80	-3.631	-3.503	-3.388	-3.219	-2.947	-2.560	-2.075	-1.524	-0.940	-0.349
6191	61.90	0.219	0.721	1.086	1.227	1.075	0.619	-0.052	-0.747	-1.213	-1.208
6201	62.00	-0.604	0.549	2.006	3.387	4.291	4.431	3.738	2.392	0.762	-0.709
6211	62.10	-1.651	-1.882	-1.450	-0.595	0.350	1.074	1.378	1.223	0.704	-0.001
6221	62.20	-0.698	-1.228	-1.489	-1.438	-1.081	-0.467	0.312	1.124	1.810	2.217
6231	62.30	2.244	1.885	1.245	0.519	-0.062	-0.310	-0.142	0.397	1.152	1.924
6241	62.40	2.540	2.910	3.042	3.019	2.950	2.915	2.944	3.018	3.099	3.164
6251	62.50	3.221	3.304	3.443	3.636	3.833	3.946	3.884	3.588	3.066	2.391
6261	62.60	1.673	1.026	0.523	0.182	-0.026	-0.154	-0.242	-0.306	-0.332	-0.297
6271	62.70	-0.199	-0.067	0.035	0.033	-0.131	-0.470	-0.943	-1.464	-1.934	-2.272
6281	62.80	-2.444	-2.466	-2.396	-2.309	-2.265	-2.294	-2.393	-2.536	-2.698	-2.872
6291	62.90	-3.073	-3.324	-3.640	-3.998	-4.333	-4.552	-4.562	-4.318	-3.855	-3.292
6301	63.00	-2.803	-2.561	-2.669	-3.116	-3.765	-4.399	-4.788	-4.777	-4.342	-3.601
6311	63.10	-2.773	-2.103	-1.774	-1.847	-2.250	-2.802	-3.287	-3.513	-3.377	-2.879
6321	63.20	-2.118	-1.254	-0.464	0.104	0.361	0.298	-0.015	-0.445	-0.829	-1.016
6331	63.30	-0.912	-0.508	0.120	0.836	1.496	1.999	2.326	2.536	2.733	3.018
6341	63.40	3.433	3.946	4.462	4.878	5.132	5.244	5.310	5.466	5.827	6.430
6351	63.50	7.218	8.057	8.788	9.285	9.497	9.452	9.232	8.926	8.588	8.223
6361	63.60	7.794	7.255	6.584	5.802	4.972	4.176	3.482	2.926	2.502	2.175
6371	63.70	1.899	1.639	1.381	1.123	0.872	0.624	0.366	0.080	-0.246	-0.607
6381	63.80	-0.974	-1.301	-1.543	-1.672	-1.684	-1.606	-1.479	-1.343	-1.222	-1.118
6391	63.90	-1.014	-0.895	-0.759	-0.631	-0.557	-0.587	-0.755	-1.059	-1.455	-1.870
6401	64.00	-2.229	-2.483	-2.629	-2.716	-2.826	-3.044	-3.423	-3.965	-4.609	-5.253
6411	64.10	-5.779	-6.091	-6.144	-5.963	-5.632	-5.277	-5.027	-4.978	-5.160	-5.527
6421	64.20	-5.971	-6.354	-6.555	-6.508	-6.225	-5.788	-5.312	-4.896	-4.582	-4.341
6431	64.30	-4.088	-3.729	-3.208	-2.543	-1.822	-1.166	-0.681	-0.411	-0.322	-0.324
6441	64.40	-0.319	-0.248	-0.117	0.011	0.056	-0.035	-0.253	-0.534	-0.787	-0.941
6451	64.50	-0.984	-0.960	-0.951	-1.021	-1.183	-1.385	-1.533	-1.532	-1.339	-0.978
6461	64.60	-0.528	-0.092	0.260	0.513	0.705	0.897	1.127	1.378	1.577	1.629
6471	64.70	1.467	1.105	0.650	0.287	0.212	0.569	1.384	2.548	3.843	5.002
6481	64.80	5.788	6.054	5.776	5.039	4.001	2.847	1.747	0.843	0.248	0.057
6491	64.90	0.340	1.126	2.362	3.888	5.434	6.665	7.266	7.047	6.021	4.425

Table 7-31-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	2.669	1.216	0.442	0.523	1.386	2.756	4.255	5.533	6.363	6.685
6511	65.10	6.573	6.175	5.638	5.062	4.492	3.944	3.426	2.951	2.529	2.144
6521	65.20	1.742	1.245	0.585	-0.256	-1.222	-2.193	-3.028	-3.631	-3.988	-4.181
6531	65.30	-4.350	-4.633	-5.104	-5.740	-6.430	-7.019	-7.360	-7.361	-7.003	-6.335
6541	65.40	-5.458	-4.500	-3.606	-2.912	-2.525	-2.487	-2.743	-3.130	-3.404	-3.305
6551	65.50	-2.652	-1.423	0.215	1.941	3.377	4.216	4.320	3.767	2.812	1.793
6561	65.60	1.021	0.690	0.847	1.411	2.226	3.116	3.926	4.528	4.822	4.744
6571	65.70	4.274	3.466	2.451	1.422	0.585	0.087	-0.040	0.109	0.342	0.651
6581	65.80	0.292	-0.151	-0.771	-1.386	-1.820	-1.983	-1.897	-1.684	-1.498	-1.463
6591	65.90	-1.617	-1.909	-2.233	-2.483	-2.596	-2.577	-2.480	-2.376	-2.310	-2.290
6601	66.00	-2.283	-2.246	-2.155	-2.018	-1.875	-1.777	-1.753	-1.800	-1.874	-1.917
6611	66.10	-1.877	-1.740	-1.535	-1.317	-1.146	-1.050	-1.010	-0.966	-0.844	-0.598
6621	66.20	-0.245	0.126	0.375	0.364	0.011	-0.658	-1.502	-2.303	-2.835	-2.947
6631	66.30	-2.615	-1.960	-1.192	-0.538	-0.148	-0.043	-0.117	-0.190	-0.095	0.253
6641	66.40	0.803	1.407	1.883	2.094	2.006	1.699	1.320	1.014	0.859	0.839
6651	66.50	0.878	0.888	0.838	0.779	0.824	1.086	1.610	2.327	3.064	3.607
6661	66.60	3.782	3.526	2.907	2.090	1.265	0.567	0.039	-0.354	-0.676	-0.955
6671	66.70	-1.147	-1.148	-0.852	-0.223	0.661	1.607	2.372	2.746	2.631	2.078
6681	66.80	1.261	0.406	-0.283	-0.684	-0.767	-0.569	-0.150	0.434	1.141	1.916
6691	66.90	2.671	3.278	3.602	3.545	3.101	2.374	1.552	0.847	0.413	0.297
6701	67.00	0.426	0.652	0.817	0.823	0.661	0.402	0.144	-0.038	-0.132	-0.187
6711	67.10	-0.284	-0.492	-0.829	-1.258	-1.701	-2.073	-2.310	-2.387	-2.313	-2.121
6721	67.20	-1.849	-1.533	-1.206	-0.900	-0.654	-0.506	-0.489	-0.628	-0.933	-1.400
6731	67.30	-2.009	-2.718	-3.452	-4.102	-4.534	-4.615	-4.260	-3.471	-2.362	-1.140
6741	67.40	-0.058	0.667	0.919	0.718	0.202	-0.428	-0.988	-1.373	-1.574	-1.656
6751	67.50	-1.699	-1.745	-1.771	-1.703	-1.458	-1.000	-0.368	0.329	0.956	1.402
6761	67.60	1.624	1.656	1.586	1.512	1.500	1.571	1.703	1.866	2.043	2.250
6771	67.70	2.522	2.888	3.344	3.842	4.295	4.606	4.703	4.561	4.212	3.735
6781	67.80	3.231	2.792	2.485	2.331	2.309	2.356	2.383	2.295	2.013	1.500
6791	67.90	0.774	-0.087	-0.968	-1.747	-2.325	-2.656	-2.750	-2.658	-2.439	-2.134
6801	68.00	-1.751	-1.274	-0.684	0.010	0.753	1.449	1.984	2.257	2.216	1.870
6811	68.10	1.292	0.597	-0.086	-0.637	-0.973	-1.062	-0.924	-0.631	-0.291	-0.014
6821	68.20	0.117	0.073	-0.105	-0.331	-0.507	-0.582	-0.580	-0.607	-0.805	-1.289
6831	68.30	-2.071	-3.030	-3.932	-4.505	-4.543	-3.991	-2.973	-1.760	-0.669	0.042
6841	68.40	0.264	0.053	-0.410	-0.899	-1.237	-1.342	-1.239	-1.017	-0.778	-0.592
6851	68.50	-0.482	-0.436	-0.424	-0.437	-0.471	-0.527	-0.593	-0.642	-0.637	-0.551
6861	68.60	-0.385	-0.174	0.026	0.157	0.185	0.113	-0.028	-0.186	-0.313	-0.372
6871	68.70	-0.343	-0.223	-0.022	0.234	0.503	0.733	0.871	0.887	0.789	0.622
6881	68.80	0.456	0.350	0.316	0.311	0.253	0.066	-0.268	-0.679	-1.022	-1.133
6891	68.90	-0.905	-0.349	0.394	1.097	1.537	1.584	1.253	0.692	0.118	-0.281
6901	69.00	-0.420	-0.337	-0.158	-0.022	-0.011	-0.117	-0.262	-0.350	-0.328	-0.221
6911	69.10	-0.114	-0.107	-0.254	-0.527	-0.832	-1.046	-1.085	-0.938	-0.676	-0.410
6921	69.20	-0.242	-0.215	-0.300	-0.419	-0.493	-0.479	-0.391	-0.280	-0.199	-0.167
6931	69.30	-0.149	-0.078	0.111	0.435	0.849	1.253	1.536	1.627	1.529	1.318
6941	69.40	1.114	1.024	1.094	1.291	1.517	1.655	1.623	1.409	1.076	0.727
6951	69.50	0.454	0.301	0.239	0.195	0.095	-0.092	-0.329	-0.522	-0.573	-0.429
6961	69.60	-0.127	0.210	0.418	0.358	-0.020	-0.653	-1.386	-2.034	-2.451	-2.584
6971	69.70	-2.474	-2.223	-1.930	-1.663	-1.346	-0.979	-0.493	0.107	0.747	1.307
6981	69.80	1.673	1.789	1.681	1.441	1.182	0.986	0.871	0.801	0.720	0.603
6991	69.90	0.478	0.424	0.527	0.830	1.304	1.848	2.330	2.666	2.758	2.712

Table 7-31-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	2.601	2.519	2.512	2.559	2.590	2.529	2.335	2.023	1.654	1.303
7011	70.10	1.020	0.814	0.651	0.489	0.303	0.101	-0.082	-0.209	-0.267	-0.279
7021	70.20	-0.292	-0.353	-0.482	-0.661	-0.846	-0.992	-1.077	-1.120	-1.162	-1.248
7031	70.30	-1.394	-1.580	-1.758	-1.884	-1.938	-1.948	-1.972	-2.071	-2.278	-2.579
7041	70.40	-2.912	-3.199	-3.375	-3.414	-3.337	-3.195	-3.044	-2.927	-2.860	-2.838
7051	70.50	-2.848	-2.879	-2.922	-2.961	-2.968	-2.902	-2.729	-2.439	-2.067	-1.693
7061	70.60	-1.417	-1.318	-1.418	-1.659	-1.917	-2.042	-1.922	-1.519	-0.892	-0.178
7071	70.70	0.468	0.919	1.127	1.127	1.015	0.907	0.887	0.989	1.188	1.427
7081	70.80	1.644	1.804	1.904	1.970	2.037	2.136	2.277	2.449	2.634	2.810
7091	70.90	2.962	3.083	3.168	3.211	3.205	3.142	3.023	2.863	2.689	2.537
7101	71.00	2.438	2.404	2.423	2.457	2.455	2.370	2.175	1.878	1.519	1.157
7111	71.10	0.856	0.662	0.590	0.625	0.727	0.853	0.966	1.044	1.087	1.104
7121	71.20	1.111	1.123	1.152	1.211	1.313	1.465	1.670	1.913	2.155	2.348
7131	71.30	2.440	2.396	2.213	1.921	1.576	1.237	0.946	0.719	0.540	0.381
7141	71.40	0.214	0.029	-0.167	-0.356	-0.529	-0.689	-0.858	-1.063	-1.313	-1.591
7151	71.50	-1.847	-2.018	-2.045	-1.906	-1.628	-1.283	-0.969	-0.782	-0.781	-0.976
7161	71.60	-1.319	-1.718	-2.064	-2.253	-2.218	-1.941	-1.466	-0.885	-0.322	0.101
7171	71.70	0.289	0.209	-0.112	-0.591	-1.118	-1.592	-1.947	-2.165	-2.271	-2.313
7181	71.80	-2.338	-2.383	-2.464	-2.586	-2.753	-2.964	-3.213	-3.479	-3.718	-3.873
7191	71.90	-3.894	-3.759	-3.491	-3.153	-2.826	-2.576	-2.422	-2.328	-2.219	-2.019
7201	72.00	-1.681	-1.209	-0.655	-0.085	0.455	0.958	1.458	1.996	2.589	3.201
7211	72.10	3.739	4.087	4.150	3.898	3.385	2.742	2.136	1.718	1.580	1.732
7221	72.20	2.110	2.598	3.065	3.399	3.526	3.431	3.147	2.750	2.336	1.993
7231	72.30	1.781	1.706	1.725	1.756	1.712	1.529	1.192	0.736	0.231	-0.263
7241	72.40	-0.625	-0.884	-1.011	-1.012	-0.897	-0.679	-0.386	-0.086	0.122	0.117
7251	72.50	-0.200	-0.860	-1.794	-2.841	-3.790	-4.450	-4.718	-4.612	-4.265	-3.864
7261	72.60	-3.582	-3.516	-3.661	-3.930	-4.204	-4.387	-4.435	-4.365	-4.223	-4.051
7271	72.70	-3.862	-3.641	-3.365	-3.032	-2.677	-2.362	-2.154	-2.090	-2.154	-2.277
7281	72.80	-2.366	-2.338	-2.159	-1.847	-1.470	-1.104	-0.805	-0.587	-0.419	-0.250
7291	72.90	-0.033	0.249	0.580	0.920	1.228	1.482	1.691	1.886	2.103	2.361
7301	73.00	2.650	2.928	3.138	3.235	3.205	3.081	2.937	2.867	2.961	3.271
7311	73.10	3.799	4.492	5.254	5.975	6.555	6.925	7.061	6.977	6.717	6.360
7321	73.20	5.904	5.460	5.042	4.671	4.358	4.098	3.882	3.689	3.495	3.269
7331	73.30	2.988	2.630	2.188	1.668	1.088	0.478	-0.128	-0.696	-1.203	-1.637
7341	73.40	-2.002	-2.314	-2.594	-2.856	-3.098	-3.297	-3.415	-3.408	-3.247	-2.928
7351	73.50	-2.487	-1.989	-1.516	-1.144	-0.918	-0.841	-0.875	-0.954	-1.009	-0.992
7361	73.60	-0.888	-0.718	-0.527	-0.361	-0.250	-0.197	-0.173	-0.140	-0.063	0.071
7371	73.70	0.246	0.420	0.549	0.601	0.571	0.488	0.396	0.341	0.348	0.414
7381	73.80	0.510	0.602	0.667	0.704	0.737	0.799	0.909	1.056	1.197	1.268
7391	73.90	1.212	1.000	0.646	0.208	-0.240	-0.629	-0.922	-1.127	-1.285	-1.453
7401	74.00	-1.679	-1.987	-2.363	-2.761	-3.118	-3.368	-3.463	-3.392	-3.186	-2.923
7411	74.10	-2.704	-2.632	-2.769	-3.107	-3.552	-3.941	-4.092	-3.870	-3.239	-2.294
7421	74.20	-1.231	-0.293	0.322	0.524	0.354	-0.035	-0.456	-0.748	-0.847	-0.779
7431	74.30	-0.628	-0.483	-0.389	-0.337	-0.280	-0.178	-0.025	0.139	0.259	0.303
7441	74.40	0.288	0.276	0.342	0.521	0.775	1.002	1.083	0.953	0.653	0.341
7451	74.50	0.233	0.519	1.267	2.383	3.625	4.691	5.318	5.370	4.868	3.962
7461	74.60	2.861	1.760	0.795	0.030	-0.515	-0.841	-0.958	-0.890	-0.697	-0.476
7471	74.70	-0.339	-0.372	-0.596	-0.941	-1.285	-1.503	-1.543	-1.454	-1.378	-1.474
7481	74.80	-1.835	-2.424	-3.068	-3.526	-3.581	-3.137	-2.257	-1.130	0.003	0.953
7491	74.90	1.630	2.052	2.288	2.401	2.403	2.273	1.998	1.631	1.314	1.230

Table 7-31-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	1.524	2.210	3.130	3.979	4.422	4.225	3.366	2.056	0.666	-0.411
7511	75.10	-0.911	-0.790	-0.223	0.480	1.012	1.179	0.960	0.481	-0.066	-0.515
7521	75.20	-0.798	-0.948	-1.069	-1.269	-1.603	-2.055	-2.545	-2.973	-3.258	-3.359
7531	75.30	-3.287	-3.083	-2.801	-2.489	-2.186	-1.918	-1.709	-1.575	-1.519	-1.522
7541	75.40	-1.539	-1.499	-1.323	-0.945	-0.352	0.403	1.189	1.817	2.092	1.875
7551	75.50	1.144	0.033	-1.179	-2.134	-2.500	-2.080	-0.894	0.808	2.609	4.050
7561	75.60	4.773	4.628	3.711	2.326	0.870	-0.289	-0.914	-0.946	-0.484	0.273
7571	75.70	1.102	1.817	2.296	2.492	2.417	2.137	1.758	1.413	1.234	1.317
7581	75.80	1.684	2.256	2.867	3.312	3.413	3.089	2.387	1.470	0.562	-0.135
7591	75.90	-0.500	-0.525	-0.297	0.048	0.385	0.631	0.757	0.772	0.694	0.536
7601	76.00	0.304	0.012	-0.315	-0.630	-0.892	-1.078	-1.201	-1.304	-1.439	-1.638
7611	76.10	-1.890	-2.152	-2.372	-2.522	-2.624	-2.737	-2.927	-3.218	-3.561	-3.843
7621	76.20	-3.925	-3.712	-3.205	-2.521	-1.853	-1.396	-1.263	-1.435	-1.768	-2.053
7631	76.30	-2.105	-1.841	-1.314	-0.678	-0.117	0.233	0.342	0.284	0.196	0.204
7641	76.40	0.368	0.659	0.987	1.245	1.366	1.350	1.257	1.168	1.146	1.205
7651	76.50	1.315	1.421	1.480	1.482	1.456	1.447	1.491	1.593	1.722	1.830
7661	76.60	1.869	1.818	1.682	1.490	1.276	1.070	0.887	0.738	0.634	0.588
7671	76.70	0.615	0.711	0.851	0.989	1.071	1.056	0.938	0.747	0.532	0.342
7681	76.80	0.196	0.079	-0.045	-0.204	-0.390	-0.546	-0.587	-0.442	-0.093	0.394
7691	76.90	0.876	1.180	1.167	0.786	0.105	-0.713	-1.461	-1.962	-2.123	-1.962
7701	77.00	-1.589	-1.160	-0.818	-0.655	-0.691	-0.890	-1.185	-1.510	-1.825	-2.114
7711	77.10	-2.381	-2.630	-2.856	-3.035	-3.129	-3.098	-2.911	-2.563	-2.077	-1.511
7721	77.20	-0.942	-0.454	-0.114	0.044	0.029	-0.107	-0.289	-0.440	-0.509	-0.479
7731	77.30	-0.371	-0.223	-0.080	0.036	0.121	0.192	0.267	0.355	0.443	0.506
7741	77.40	0.515	0.456	0.335	0.178	0.022	-0.101	-0.175	-0.199	-0.189	-0.161
7751	77.50	-0.127	-0.087	-0.038	0.024	0.097	0.171	0.236	0.290	0.343	0.418
7761	77.60	0.539	0.721	0.956	1.207	1.421	1.542	1.536	1.406	1.192	0.963
7771	77.70	0.791	0.722	0.762	0.866	0.961	0.968	0.837	0.566	0.203	-0.165
7781	77.80	-0.444	-0.566	-0.512	-0.314	-0.042	0.220	0.410	0.499	0.503	0.466
7791	77.90	0.440	0.462	0.542	0.662	0.789	0.890	0.949	0.971	0.979	1.001
7801	78.00	1.056	1.145	1.253	1.354	1.429	1.472	1.495	1.520	1.567	1.641
7811	78.10	1.727	1.795	1.820	1.794	1.743	1.719	1.783	1.973	2.282	2.644
7821	78.20	2.955	3.102	3.007	2.662	2.133	1.541	1.019	0.664	0.509	0.513
7831	78.30	0.593	0.660	0.656	0.575	0.448	0.322	0.226	0.154	0.070	-0.071
7841	78.40	-0.293	-0.580	-0.876	-1.110	-1.221	-1.190	-1.046	-0.857	-0.701	-0.637
7851	78.50	-0.684	-0.820	-0.993	-1.146	-1.235	-1.247	-1.198	-1.130	-1.093	-1.135
7861	78.60	-1.266	-1.551	-1.906	-2.303	-2.688	-3.014	-3.263	-3.454	-3.635	-3.862
7871	78.70	-4.170	-4.547	-4.927	-5.210	-5.296	-5.130	-4.726	-4.170	-3.587	-3.093
7881	78.80	-2.754	-2.560	-2.438	-2.288	-2.033	-1.647	-1.166	-0.661	-0.204	0.171
7891	78.90	0.475	0.751	1.045	1.370	1.693	1.940	2.034	1.923	1.610	1.151
7901	79.00	0.641	0.176	-0.173	-0.371	-0.421	-0.343	-0.164	0.097	0.418	0.769
7911	79.10	1.104	1.361	1.481	1.427	1.205	0.865	0.491	0.177	-0.004	-0.016
7921	79.20	0.126	0.378	0.675	0.959	1.192	1.357	1.456	1.494	1.491	1.459
7931	79.30	1.411	1.363	1.329	1.320	1.338	1.375	1.416	1.443	1.443	1.415
7941	79.40	1.365	1.306	1.248	1.197	1.148	1.097	1.036	0.968	0.901	0.850
7951	79.50	0.832	0.863	0.949	1.091	1.282	1.509	1.748	1.975	2.161	2.289
7961	79.60	2.354	2.370	2.366	2.378	2.425	2.508	2.598	2.656	2.646	2.558
7971	79.70	2.419	2.279	2.191	2.181	2.229	2.269	2.217	2.008	1.628	1.129
7981	79.80	0.606	0.159	-0.148	-0.318	-0.417	-0.537	-0.758	-1.101	-1.523	-1.937
7991	79.90	-2.250	-2.409	-2.420	-2.344	-2.261	-2.235	-2.287	-2.393	-2.505	-2.583

Table 7-31-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-2.618	-2.632	-2.663	-2.742	-2.869	-3.010	-3.118	-3.158	-3.119	-3.026
8011	80.10	-2.919	-2.830	-2.766	-2.705	-2.617	-2.481	-2.316	-2.175	-2.129	-2.233
8021	80.20	-2.494	-2.859	-3.228	-3.490	-3.560	-3.414	-3.095	-2.623	-2.311	-2.027
8031	80.30	-1.872	-1.825	-1.838	-1.855	-1.847	-1.811	-1.772	-1.758	-1.782	-1.829
8041	80.40	-1.861	-1.835	-1.724	-1.535	-1.310	-1.114	-1.003	-0.998	-1.069	-1.146
8051	80.50	-1.141	-0.991	-0.684	-0.269	0.156	0.489	0.656	0.648	0.516	0.349
8061	80.60	0.233	0.215	0.289	0.406	0.500	0.527	0.488	0.421	0.391	0.452
8071	80.70	0.631	0.920	1.286	1.693	2.120	2.558	3.010	3.467	3.905	4.283
8081	80.80	4.559	4.706	4.730	4.664	4.561	4.470	4.425	4.436	4.492	4.584
8091	80.90	4.698	4.822	4.944	5.041	5.078	5.019	4.838	4.529	4.113	3.632
8101	81.00	3.131	2.648	2.207	1.817	1.478	1.184	0.924	0.674	0.401	0.066
8111	81.10	-0.353	-0.839	-1.323	-1.695	-1.830	-1.648	-1.148	-0.432	0.320	0.915
8121	81.20	1.208	1.162	0.855	0.442	0.092	-0.084	-0.065	0.080	0.240	0.318
8131	81.30	0.279	0.151	0.007	-0.084	-0.090	-0.032	0.034	0.051	-0.008	-0.129
8141	81.40	-0.268	-0.378	-0.436	-0.452	-0.458	-0.486	-0.550	-0.636	-0.717	-0.771
8151	81.50	-0.804	-0.844	-0.932	-1.096	-1.329	-1.587	-1.806	-1.928	-1.928	-1.826
8161	81.60	-1.677	-1.542	-1.466	-1.458	-1.493	-1.531	-1.540	-1.510	-1.461	-1.422
8171	81.70	-1.416	-1.440	-1.434	-1.441	-1.332	-1.129	-0.864	-0.608	-0.445	-0.444
8181	81.80	-0.628	-0.965	-1.369	-1.727	-1.933	-1.928	-1.715	-1.363	-0.981	-0.679
8191	81.90	-0.529	-0.540	-0.659	-0.794	-0.851	-0.777	-0.574	-0.300	-0.043	0.118
8201	82.00	0.143	0.038	-0.152	-0.367	-0.561	-0.720	-0.851	-0.975	-1.101	-1.217
8211	82.10	-1.288	-1.274	-1.150	-0.917	-0.607	-0.268	0.052	0.322	0.534	0.700
8221	82.20	0.836	0.956	1.060	1.136	1.170	1.153	1.091	1.001	0.914	0.863
8231	82.30	0.878	0.975	1.153	1.388	1.635	1.843	1.963	1.973	1.880	1.731
8241	82.40	1.586	1.501	1.498	1.554	1.604	1.570	1.390	1.054	0.602	0.117
8251	82.50	-0.311	-0.621	-0.798	-0.867	-0.878	-0.867	-0.846	-0.802	-0.714	-0.588
8261	82.60	-0.464	-0.416	-0.516	-0.801	-1.244	-1.754	-2.203	-2.478	-2.522	-2.358
8271	82.70	-2.074	-1.785	-1.585	-1.511	-1.537	-1.596	-1.617	-1.561	-1.434	-1.281
8281	82.80	-1.153	-1.084	-1.072	-1.083	-1.075	-1.019	-0.916	-0.797	-0.700	-0.650
8291	82.90	-0.641	-0.635	-0.581	-0.438	-0.204	0.077	0.327	0.455	0.398	0.140
8301	83.00	-0.274	-0.754	-1.190	-1.492	-1.615	-1.574	-1.428	-1.260	-1.142	-1.108
8311	83.10	-1.150	-1.229	-1.301	-1.341	-1.361	-1.400	-1.508	-1.713	-2.001	-2.319
8321	83.20	-2.585	-2.729	-2.716	-2.558	-2.312	-2.045	-1.813	-1.636	-1.503	-1.386
8331	83.30	-1.264	-1.135	-1.017	-0.924	-0.852	-0.771	-0.627	-0.378	-0.014	0.429
8341	83.40	0.875	1.250	1.515	1.690	1.853	2.102	2.509	3.077	3.735	4.363
8351	83.50	4.842	5.101	5.146	5.051	4.914	4.819	4.800	4.844	4.910	4.969
8361	83.60	5.019	5.087	5.204	5.371	5.566	5.652	5.610	5.388	5.017	4.593
8371	83.70	4.238	4.050	4.061	4.234	4.477	4.693	4.819	4.839	4.778	4.667
8381	83.80	4.514	4.294	3.965	3.503	2.929	2.318	1.777	1.401	1.231	1.238
8391	83.90	1.338	1.430	1.447	1.378	1.266	1.172	1.134	1.134	1.101	0.942
8401	84.00	0.589	0.033	-0.664	-1.394	-2.044	-2.537	-2.850	-3.010	-3.060	-3.036
8411	84.10	-2.948	-2.789	-2.555	-2.267	-1.980	-1.762	-1.670	-1.717	-1.866	-2.039
8421	84.20	-2.153	-2.156	-2.042	-1.851	-1.641	-1.457	-1.311	-1.180	-1.031	-0.850
8431	84.30	-0.655	-0.501	-0.453	-0.555	-0.803	-1.147	-1.506	-1.805	-2.007	-2.121
8441	84.40	-2.192	-2.277	-2.412	-2.600	-2.814	-3.016	-3.182	-3.313	-3.430	-3.560
8451	84.50	-3.718	-3.899	-4.087	-4.265	-4.438	-4.628	-4.862	-5.152	-5.470	-5.756
8461	84.60	-5.931	-5.942	-5.784	-5.519	-5.252	-5.083	-5.062	-5.158	-5.267	-5.255
8471	84.70	-5.021	-4.547	-3.913	-3.270	-2.778	-2.541	-2.561	-2.747	-2.947	-3.019
8481	84.80	-2.881	-2.538	-2.060	-1.545	-1.063	-0.631	-0.216	0.229	0.725	1.242
8491	84.90	1.698	1.997	2.075	1.941	1.683	1.442	1.356	1.504	1.874	2.361

Table 7-31-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	2.815	3.096	3.135	2.959	2.682	2.453	2.403	2.587	2.968	3.429
8511	85.10	3.826	4.040	4.022	3.807	3.497	3.210	3.039	3.011	3.087	3.178
8521	85.20	3.193	3.074	2.819	2.474	2.113	1.801	1.567	1.405	1.286	1.184
8531	85.30	1.094	1.037	1.041	1.114	1.222	1.291	1.229	0.970	0.511	-0.072
8541	85.40	-0.648	-1.072	-1.247	-1.160	-0.889	-0.564	-0.319	-0.229	-0.287	-0.419
8551	85.50	-0.525	-0.527	-0.412	-0.226	-0.049	0.053	0.064	0.023	0.001	0.055
8561	85.60	0.196	0.375	0.501	0.494	0.322	0.024	-0.297	-0.527	-0.581	-0.447
8571	85.70	-0.183	0.110	0.335	0.442	0.442	0.398	0.383	0.446	0.587	0.760
8581	85.80	0.904	0.970	0.951	0.883	0.829	0.848	0.969	1.181	1.432	1.655
8591	85.90	1.786	1.786	1.654	1.420	1.143	0.893	0.740	0.737	0.907	1.233
8601	86.00	1.657	2.096	2.455	2.662	2.680	2.522	2.241	1.906	1.584	1.316
8611	86.10	1.119	0.988	0.914	0.897	0.940	1.044	1.195	1.352	1.457	1.448
8621	86.20	1.285	0.969	0.546	0.091	-0.311	-0.597	-0.743	-0.770	-0.729	-0.685
8631	86.30	-0.696	-0.791	-0.972	-1.205	-1.439	-1.614	-1.685	-1.632	-1.479	-1.293
8641	86.40	-1.166	-1.191	-1.427	-1.869	-2.444	-3.024	-3.473	-3.685	-3.628	-3.346
8651	86.50	-2.942	-2.531	-2.197	-1.970	-1.823	-1.700	-1.554	-1.370	-1.169	-0.991
8661	86.60	-0.864	-0.777	-0.683	-0.517	-0.225	0.199	0.711	1.230	1.666	1.958
8671	86.70	2.094	2.109	2.069	2.041	2.072	2.182	2.365	2.598	2.851	3.089
8681	86.80	3.275	3.370	3.345	3.193	2.944	2.663	2.437	2.346	2.433	2.682
8691	86.90	3.019	3.339	3.543	3.574	3.432	3.171	2.873	2.611	2.426	2.319
8701	87.00	2.263	2.220	2.161	2.072	1.951	1.795	1.591	1.320	0.965	0.524
8711	87.10	0.024	-0.489	-0.956	-1.332	-1.593	-1.751	-1.841	-1.905	-1.979	-2.078
8721	87.20	-2.202	-2.338	-2.479	-2.621	-2.771	-2.938	-3.120	-3.302	-3.459	-3.560
8731	87.30	-3.587	-3.540	-3.439	-3.323	-3.230	-3.186	-3.194	-3.239	-3.289	-3.315
8741	87.40	-3.303	-3.259	-3.203	-3.164	-3.159	-3.189	-3.233	-3.264	-3.260	-3.217
8751	87.50	-3.154	-3.101	-3.089	-3.124	-3.190	-3.248	-3.258	-3.202	-3.095	-2.986
8761	87.60	-2.940	-3.005	-3.189	-3.451	-3.709	-3.870	-3.866	-3.678	-3.340	-2.929
8771	87.70	-2.529	-2.209	-1.999	-1.892	-1.856	-1.854	-1.859	-1.858	-1.849	-1.833
8781	87.80	-1.808	-1.770	-1.716	-1.650	-1.586	-1.540	-1.521	-1.523	-1.520	-1.474
8791	87.90	-1.342	-1.098	-0.741	-0.299	0.176	0.619	0.968	1.182	1.249	1.189
8801	88.00	1.056	0.919	0.846	0.887	1.053	1.316	1.619	1.892	2.087	2.193
8811	88.10	2.242	2.295	2.411	2.619	2.896	3.172	3.357	3.374	3.195	2.856
8821	88.20	2.442	2.061	1.804	1.715	1.782	1.950	2.147	2.306	2.384	2.365
8831	88.30	2.254	2.066	1.825	1.560	1.307	1.113	1.021	1.056	1.216	1.465
8841	88.40	1.743	1.984	2.146	2.218	2.230	2.232	2.270	2.370	2.527	2.707
8851	88.50	2.870	2.981	3.025	3.003	2.925	2.798	2.627	2.416	2.181	1.955
8861	88.60	1.785	1.715	1.761	1.901	2.070	2.180	2.155	1.961	1.630	1.247
8871	88.70	0.921	0.745	0.760	0.942	1.215	1.486	1.682	1.777	1.792	1.779
8881	88.80	1.788	1.848	1.952	2.071	2.174	2.247	2.296	2.344	2.408	2.486
8891	88.90	2.554	2.573	2.517	2.385	2.211	2.048	1.946	1.923	1.959	2.004
8901	89.00	1.999	1.904	1.721	1.488	1.259	1.078	0.958	0.875	0.788	0.657
8911	89.10	0.471	0.254	0.052	-0.089	-0.141	-0.108	-0.023	0.070	0.137	0.154
8921	89.20	0.117	0.024	-0.130	-0.352	-0.642	-0.979	-1.313	-1.575	-1.695	-1.637
8931	89.30	-1.413	-1.091	-0.772	-0.556	-0.505	-0.626	-0.870	-1.160	-1.422	-1.611
8941	89.40	-1.721	-1.777	-1.814	-1.862	-1.935	-2.034	-2.151	-2.284	-2.426	-2.571
8951	89.50	-2.704	-2.803	-2.849	-2.840	-2.797	-2.766	-2.792	-2.906	-3.097	-3.317
8961	89.60	-3.493	-3.559	-3.487	-3.296	-3.051	-2.829	-2.692	-2.654	-2.687	-2.734
8971	89.70	-2.741	-2.680	-2.564	-2.432	-2.327	-2.273	-2.262	-2.262	-2.232	-2.145
8981	89.80	-2.003	-1.832	-1.668	-1.538	-1.450	-1.388	-1.326	-1.241	-1.128	-0.996
8991	89.90	-0.865	-0.751	-0.659	-0.580	-0.500	-0.406	-0.296	-0.178	-0.065	0.039

Table 7-31-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.134	0.233	0.342	0.460	0.570	0.641	0.644	0.568	0.425	0.249
9011	90.10	0.089	-0.019	-0.060	-0.051	-0.028	-0.032	-0.087	-0.190	-0.311	-0.412
9021	90.20	-0.465	-0.471	-0.455	-0.457	-0.508	-0.607	-0.720	-0.786	-0.749	-0.582
9031	90.30	-0.311	-0.001	0.258	0.393	0.371	0.212	-0.023	-0.263	-0.454	-0.580
9041	90.40	-0.655	-0.707	-0.754	-0.787	-0.780	-0.703	-0.549	-0.347	-0.151	-0.016
9051	90.50	0.029	0.005	-0.030	-0.005	0.119	0.325	0.539	0.658	0.559	0.338
9061	90.60	-0.065	-0.496	-0.827	-0.969	-0.909	-0.711	-0.479	-0.310	-0.256	-0.303
9071	90.70	-0.392	-0.458	-0.460	-0.403	-0.327	-0.282	-0.289	-0.336	-0.375	-0.352
9081	90.80	-0.238	-0.040	0.202	0.435	0.622	0.758	0.864	0.973	1.098	1.226
9091	90.90	1.320	1.339	1.266	1.129	0.990	0.927	0.998	1.212	1.525	1.852
9101	91.00	2.105	2.222	2.195	2.061	1.890	1.744	1.680	1.636	1.639	1.626
9111	91.10	1.570	1.468	1.344	1.231	1.158	1.130	1.130	1.128	1.094	1.015
9121	91.20	0.902	0.784	0.693	0.649	0.647	0.660	0.650	0.586	0.463	0.306
9131	91.30	0.166	0.100	0.148	0.317	0.572	0.848	1.072	1.187	1.169	1.034
9141	91.40	0.824	0.593	0.387	0.232	0.132	0.079	0.060	0.071	0.113	0.192
9151	91.50	0.309	0.453	0.604	0.738	0.836	0.894	0.922	0.947	0.992	1.075
9161	91.60	1.190	1.313	1.409	1.444	1.407	1.314	1.215	1.170	1.236	1.431
9171	91.70	1.726	2.039	2.259	2.290	2.085	1.679	1.186	0.765	0.566	0.673
9181	91.80	1.066	1.622	2.156	2.489	2.514	2.231	1.748	1.231	0.844	0.681
9191	91.90	0.748	0.964	1.214	1.395	1.462	1.432	1.361	1.304	1.279	1.258
9201	92.00	1.178	0.982	0.648	0.212	-0.243	-0.620	-0.844	-0.894	-0.805	-0.654
9211	92.10	-0.522	-0.468	-0.508	-0.619	-0.756	-0.878	-0.963	-1.011	-1.044	-1.081
9221	92.20	-1.137	-1.211	-1.292	-1.369	-1.435	-1.490	-1.541	-1.595	-1.656	-1.723
9231	92.30	-1.792	-1.862	-1.931	-2.000	-2.068	-2.128	-2.170	-2.184	-2.166	-2.123
9241	92.40	-2.063	-2.009	-1.976	-1.970	-1.984	-2.004	-2.015	-2.009	-1.985	-1.954
9251	92.50	-1.929	-1.920	-1.926	-1.938	-1.965	-1.937	-1.914	-1.885	-1.864	-1.859
9261	92.60	-1.872	-1.890	-1.897	-1.874	-1.813	-1.719	-1.609	-1.503	-1.417	-1.353
9271	92.70	-1.305	-1.258	-1.199	-1.127	-1.056	-1.005	-0.995	-1.034	-1.108	-1.184
9281	92.80	-1.218	-1.168	-1.013	-0.761	-0.453	-0.151	0.080	0.193	0.172	0.039
9291	92.90	-0.156	-0.353	-0.501	-0.576	-0.586	-0.561	-0.543	-0.563	-0.629	-0.726
9301	93.00	-0.824	-0.895	-0.924	-0.921	-0.911	-0.926	-0.986	-1.088	-1.206	-1.302
9311	93.10	-1.336	-1.289	-1.163	-0.980	-0.773	-0.572	-0.396	-0.247	-0.120	-0.004
9321	93.20	0.109	0.222	0.336	0.450	0.568	0.695	0.833	0.979	1.123	1.255
9331	93.30	1.367	1.462	1.552	1.656	1.789	1.953	2.137	2.315	2.457	2.532
9341	93.40	2.519	2.407	2.195	1.890	1.510	1.090	0.681	0.352	0.176	0.210
9351	93.50	0.472	0.928	1.482	2.005	2.367	2.472	2.296	1.890	1.367	0.864
9361	93.60	0.501	0.367	0.408	0.632	0.940	1.251	1.504	1.672	1.750	1.748
9371	93.70	1.680	1.556	1.387	1.191	0.995	0.830	0.724	0.682	0.689	0.703
9381	93.80	0.681	0.591	0.434	0.242	0.073	-0.020	-0.009	0.092	0.228	0.327
9391	93.90	0.325	0.198	-0.033	-0.302	-0.531	-0.656	-0.652	-0.539	-0.370	-0.208
9401	94.00	-0.099	-0.062	-0.081	-0.124	-0.158	-0.163	-0.138	-0.098	-0.058	-0.032
9411	94.10	-0.021	-0.017	-0.013	-0.003	0.013	0.029	0.045	0.060	0.079	0.106
9421	94.20	0.138	0.168	0.179	0.159	0.102	0.012	-0.099	-0.213	-0.316	-0.404
9431	94.30	-0.478	-0.544	-0.607	-0.669	-0.729	-0.786	-0.842	-0.904	-0.982	-1.085
9441	94.40	-1.211	-1.353	-1.493	-1.611	-1.691	-1.724	-1.713	-1.669	-1.603	-1.529
9451	94.50	-1.452	-1.366	-1.260	-1.115	-0.915	-0.654	-0.367	-0.027	0.255	0.448
9461	94.60	0.517	0.465	0.335	0.201	0.147	0.230	0.461	0.791	1.126	1.366
9471	94.70	1.637	1.324	1.077	0.793	0.576	0.506	0.609	0.855	1.176	1.491
9481	94.80	1.735	1.870	1.890	1.809	1.654	1.456	1.249	1.069	0.951	0.919
9491	94.90	0.979	1.112	1.278	1.430	1.532	1.570	1.562	1.542	1.543	1.577

Table 7-31-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	1.632	1.672	1.663	1.586	1.450	1.287	1.137	1.028	0.963	0.924
9511	95.10	0.882	0.813	0.716	0.607	0.507	0.434	0.385	0.341	0.278	0.185
9521	95.20	0.067	-0.051	-0.139	-0.184	-0.194	-0.199	-0.236	-0.327	-0.469	-0.627
9531	95.30	-0.758	-0.821	-0.807	-0.733	-0.643	-0.578	-0.564	-0.597	-0.654	-0.706
9541	95.40	-0.734	-0.741	-0.751	-0.790	-0.872	-0.992	-1.122	-1.232	-1.299	-1.325
9551	95.50	-1.332	-1.353	-1.415	-1.523	-1.655	-1.774	-1.838	-1.821	-1.717	-1.544
9561	95.60	-1.331	-1.111	-0.911	-0.743	-0.615	-0.525	-0.473	-0.456	-0.469	-0.501
9571	95.70	-0.539	-0.566	-0.572	-0.557	-0.526	-0.493	-0.467	-0.455	-0.453	-0.451
9581	95.80	-0.443	-0.424	-0.400	-0.379	-0.367	-0.364	-0.365	-0.358	-0.335	-0.298
9591	95.90	-0.260	-0.241	-0.263	-0.339	-0.465	-0.626	-0.795	-0.949	-1.073	-1.163
9601	96.00	-1.232	-1.294	-1.368	-1.461	-1.576	-1.704	-1.834	-1.949	-2.037	-2.086
9611	96.10	-2.091	-2.056	-1.991	-1.915	-1.848	-1.807	-1.798	-1.813	-1.836	-1.868
9621	96.20	-1.837	-1.805	-1.764	-1.734	-1.727	-1.742	-1.762	-1.766	-1.743	-1.695
9631	96.30	-1.648	-1.630	-1.660	-1.722	-1.766	-1.720	-1.524	-1.159	-0.675	-0.180
9641	96.40	0.195	0.343	0.231	-0.077	-0.438	-0.682	-0.672	-0.362	0.187	0.827
9651	96.50	1.386	1.729	1.810	1.677	1.449	1.257	1.191	1.269	1.444	1.634
9661	96.60	1.767	1.812	1.792	1.760	1.766	1.835	1.950	2.069	2.156	2.200
9671	96.70	2.230	2.294	2.431	2.639	2.860	2.999	2.963	2.703	2.251	1.719
9681	96.80	1.262	1.027	1.089	1.431	1.941	2.459	2.837	2.989	2.916	2.698
9691	96.90	2.448	2.270	2.211	2.259	2.356	2.432	2.441	2.382	2.290	2.214
9701	97.00	2.194	2.235	2.306	2.358	2.344	2.239	2.049	1.803	1.538	1.281
9711	97.10	1.043	0.823	0.615	0.421	0.251	0.127	0.063	0.058	0.095	0.144
9721	97.20	0.174	0.165	0.117	0.046	-0.027	-0.085	-0.121	-0.142	-0.163	-0.192
9731	97.30	-0.234	-0.282	-0.330	-0.374	-0.417	-0.461	-0.509	-0.549	-0.564	-0.532
9741	97.40	-0.439	-0.290	-0.113	0.056	0.181	0.247	0.267	0.273	0.306	0.394
9751	97.50	0.535	0.701	0.843	0.914	0.888	0.769	0.586	0.379	0.184	0.018
9761	97.60	-0.122	-0.248	-0.370	-0.489	-0.588	-0.649	-0.654	-0.602	-0.509	-0.402
9771	97.70	-0.309	-0.239	-0.223	-0.223	-0.231	-0.230	-0.212	-0.176	-0.131	-0.086
9781	97.80	-0.049	-0.025	-0.013	-0.008	-0.001	0.019	0.059	0.119	0.186	0.231
9791	97.90	0.217	0.112	-0.100	-0.397	-0.724	-1.002	-1.150	-1.120	-0.912	-0.585
9801	98.00	-0.233	0.036	0.145	0.065	-0.177	-0.516	-0.875	-1.197	-1.461	-1.677
9811	98.10	-1.873	-2.073	-2.277	-2.465	-2.600	-2.654	-2.619	-2.515	-2.383	-2.267
9821	98.20	-2.200	-2.194	-2.239	-2.315	-2.401	-2.483	-2.560	-2.634	-2.708	-2.782
9831	98.30	-2.854	-2.921	-2.984	-3.049	-3.121	-3.196	-3.260	-3.289	-3.261	-3.162
9841	98.40	-3.001	-2.806	-2.618	-2.476	-2.398	-2.377	-2.380	-2.364	-2.288	-2.131
9851	98.50	-1.893	-1.596	-1.272	-0.953	-0.667	-0.432	-0.260	-0.156	-0.117	-0.127
9861	98.60	-0.162	-0.188	-0.174	-0.102	0.023	0.173	0.311	0.405	0.443	0.440
9871	98.70	0.422	0.417	0.428	0.435	0.400	0.295	0.127	-0.051	-0.151	-0.086
9881	98.80	0.190	0.654	1.209	1.725	2.083	2.230	2.202	2.104	2.063	2.167
9891	98.90	2.422	2.755	3.045	3.190	3.152	2.981	2.789	2.686	2.731	2.891
9901	99.00	3.062	3.112	2.956	2.596	2.126	1.691	1.421	1.376	1.522	1.751
9911	99.10	1.940	2.007	1.944	1.806	1.674	1.604	1.592	1.583	1.504	1.315
9921	99.20	1.041	0.768	0.610	0.647	0.887	1.255	1.621	1.854	1.881	1.705
9931	99.30	1.406	1.088	0.840	0.695	0.633	0.599	0.547	0.463	0.371	0.315
9941	99.40	0.327	0.408	0.518	0.599	0.601	0.510	0.348	0.166	0.017	-0.072
9951	99.50	-0.104	-0.112	-0.132	-0.188	-0.280	-0.388	-0.488	-0.565	-0.622	-0.671
9961	99.60	-0.727	-0.792	-0.852	-0.885	-0.874	-0.817	-0.733	-0.652	-0.602	-0.594
9971	99.70	-0.618	-0.650	-0.663	-0.645	-0.601	-0.552	-0.521	-0.519	-0.539	-0.558
9981	99.80	-0.545	-0.481	-0.366	-0.220	-0.075	0.042	0.118	0.163	0.200	0.256
9991	99.90	0.348	0.472	0.601	0.701	0.737	0.693	0.575	0.413	0.247	0.112

Table 7−31−21 TABLE OF CORRECTED ACCELERATION RECORD NO.21

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10001	100.00	0.027	-0.013	-0.034	-0.063	-0.120	-0.203	-0.288	-0.342	-0.337	-0.267
10011	100.10	-0.156	-0.047	0.017	0.012	-0.054	-0.139	-0.192	-0.171	-0.074	0.062
10021	100.20	0.173	0.193	0.087	-0.133	-0.411	-0.668	-0.837	-0.884	-0.823	-0.699
10031	100.30	-0.570	-0.478	-0.437	-0.437	-0.454	-0.466	-0.468	-0.467	-0.472	-0.483
10041	100.40	-0.486	-0.465	-0.410	-0.331	-0.263	-0.250	-0.325	-0.489	-0.701	-0.888
10051	100.50	-0.966	-0.877	-0.605	-0.194	0.272	0.688	0.964	1.047	0.932	0.660
10061	100.60	0.300	-0.068	-0.375	-0.573	-0.644	-0.596	-0.458	-0.266	-0.056	0.143
10071	100.70	0.315	0.450	0.544	0.592	0.589	0.534	0.435	0.312	0.193	0.107
10081	100.80	0.070	0.075	0.098	0.107	0.076	0.005	-0.087	-0.165	-0.203	-0.197
10091	100.90	-0.169	-0.161	-0.203	-0.300	-0.419	-0.508	-0.516	-0.427	-0.270	-0.103
10101	101.00	0.011	0.043	0.015	-0.011	0.032	0.170	0.367	0.529	0.542	0.335
10111	101.10	-0.079	-0.595	-1.052	-1.299	-1.261	-0.972	-0.561	-0.197	-0.014	-0.062
10121	101.20	-0.290	-0.585	-0.825	-0.942	-0.939	-0.877	-0.832	-0.846	-0.906	-0.951
10131	101.30	-0.915	-0.766	-0.529	-0.277	-0.094	-0.026	-0.059	-0.119	-0.117	0.009
10141	101.40	0.252	0.536	0.748	0.792	0.640	0.349	0.039	-0.155	-0.143	0.081
10151	101.50	0.437	0.797	1.037	1.086	0.953	0.710	0.455	0.268	0.178	0.165
10161	101.60	0.179	0.173	0.131	0.068	0.018	0.005	0.030	0.059	0.054	-0.010
10171	101.70	-0.121	-0.234	-0.295	-0.275	-0.198	-0.134	-0.171	-0.368	-0.711	-1.105
10181	101.80	-1.408	-1.491	-1.299	-0.887	-0.404	-0.032	0.092	-0.062	-0.412	-0.800
10191	101.90	-1.076	-1.161	-1.085	-0.963	-0.923	-1.038	-1.283	-1.543	-1.678	-1.595
10201	102.00	-1.300	-0.902	-0.559	-0.401	-0.471	-0.705	-0.969	-1.128	-1.109	-0.928
10211	102.10	-0.666	-0.417	-0.237	-0.115	0.001	0.158	0.358	0.539	0.613	0.516
10221	102.20	0.260	-0.053	-0.272	-0.265	0.007	0.470	0.959	1.296	1.371	1.189
10231	102.30	0.864	0.555	0.387	0.396	0.524	0.663	0.729	0.705	0.658	0.684
10241	102.40	0.848	1.129	1.416	1.558	1.440	1.054	0.513	0.014	-0.245	-0.155
10251	102.50	0.258	0.847	1.404	1.752	1.809	1.607	1.263	0.917	0.668	0.546
10261	102.60	0.517	0.517	0.494	0.427	0.336	0.251	0.197	0.175	0.167	0.152
10271	102.70	0.120	0.081	0.057	0.066	0.113	0.182	0.246	0.282	0.282	0.257
10281	102.80	0.229	0.217	0.230	0.262	0.299	0.328	0.343	0.347	0.349	0.351
10291	102.90	0.353	0.353	0.353	0.366	0.408	0.492	0.618	0.765	0.903	1.004
10301	103.00	1.066	1.117	1.212	1.403	1.711	2.099	2.478	2.729	2.754	2.516
10311	103.10	2.068	1.539	1.094	0.869	0.923	1.214	1.617	1.973	2.147	2.081
10321	103.20	1.802	1.407	1.017	0.728	0.585	0.573	0.645	0.747	0.865	0.926
10331	103.30	0.991	1.033	1.023	0.918	0.682	0.313	-0.138	-0.574	-0.884	-0.989
10341	103.40	-0.878	-0.623	-0.351	-0.198	-0.253	-0.522	-0.922	-1.321	-1.588	-1.647
10351	103.50	-1.502	-1.227	-0.924	-0.685	-0.548	-0.499	-0.491	-0.476	-0.434	-0.388
10361	103.60	-0.378	-0.446	-0.600	-0.810	-1.024	-1.186	-1.270	-1.290	-1.288	-1.315
10371	103.70	-1.402	-1.545	-1.707	-1.836	-1.893	-1.866	-1.777	-1.666	-1.575	-1.524
10381	103.80	-1.513	-1.521	-1.525	-1.517	-1.502	-1.501	-1.532	-1.603	-1.703	-1.808
10391	103.90	-1.890	-1.936	-1.948	-1.946	-1.953	-1.987	-2.053	-2.138	-2.218	-2.274
10401	104.00	-2.299	-2.301	-2.301	-2.323	-2.381	-2.473	-2.579	-2.665	-2.699	-2.657
10411	104.10	-2.538	-2.356	-2.140	-1.924	-1.731	-1.574	-1.448	-1.341	-1.237	-1.124
10421	104.20	-0.999	-0.866	-0.731	-0.597	-0.464	-0.331	-0.195	-0.060	0.066	0.172
10431	104.30	0.249	0.294	0.316	0.330	0.351	0.393	0.456	0.532	0.610	0.680
10441	104.40	0.737	0.784	0.830	0.881	0.941	1.007	1.073	1.135	1.190	1.242
10451	104.50	1.294	1.350	1.409	1.467	1.518	1.560	1.595	1.630	1.670	1.720
10461	104.60	1.778	1.838	1.891	1.934	1.969	2.001	2.039	2.091	2.155	2.225
10471	104.70	2.288	2.329	2.338	2.310	2.249	2.165	2.073	1.988	1.919	1.872
10481	104.80	1.845	1.827	1.808	1.776	1.726	1.662	1.595	1.538	1.497	1.473
10491	104.90	1.455	1.429	1.383	1.318	1.243	1.177	1.133	1.115	1.109	1.093

Table 7−31−22 TABLE OF CORRECTED ACCELERATION RECORD NO.22

INDEX NO. 1223 1302-GR-1-19 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 234.777 (GAL) T= 15.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10501	105.00	1.047	0.964	0.863	0.776	0.738	0.763	0.835	0.904	0.904	0.781
10511	105.10	0.513	0.131	-0.294	-0.672	-0.922	-1.003	-0.923	-0.729	-0.489	-0.261
10521	105.20	-0.084	0.036	0.111	0.157	0.179	0.173	0.123	0.020	-0.133	-0.318
10531	105.30	-0.504	-0.662	-0.775	-0.845	-0.890	-0.935	-1.003	-1.104	-1.233	-1.376
10541	105.40	-1.512	-1.622	-1.694	-1.723	-1.714	-1.672	-1.610	-1.539	-1.474	-1.423
10551	105.50	-1.395	-1.387	-1.392	-1.398	-1.393	-1.373	-1.340	-1.301	-1.270	-1.252
10561	105.60	-1.247	-1.248	-1.244	-1.226	-1.193	-1.155	-1.124	-1.111	-1.117	-1.128
10571	105.70	-1.126	-1.086	-0.997	-0.861	-0.695	-0.526	-0.377	-0.262	-0.178	-0.109
10581	105.80	-0.036	0.058	0.177	0.313	0.451	0.571	0.660	0.712	0.728	0.715
10591	105.90	0.683	0.642	0.603	0.576	0.569	0.583	0.614	0.650	0.677	0.683
10601	106.00	0.667	0.639	0.617	0.616	0.644	0.691	0.735	0.750	0.719	0.642
10611	106.10	0.538	0.433	0.352	0.300	0.265	0.227	0.167	0.081	-0.013	-0.091
10621	106.20	-0.133	-0.142	-0.143	-0.174	-0.263	-0.406	-0.562	-0.659	-0.631	-0.443
10631	106.30	-0.115	0.279	0.638	0.870	0.933	0.846	0.677	0.513	0.420	0.420
10641	106.40	0.486	0.566	0.610	0.601	0.556	0.516	0.517	0.566	0.637	0.676
10651	106.50	0.633	0.483	0.249	-0.012	-0.229	-0.347	-0.350	-0.263	-0.142	-0.047
10661	106.60	-0.015	-0.051	-0.130	-0.212	-0.263	-0.270	-0.244	-0.209	-0.193	-0.208
10671	106.70	-0.251	-0.305	-0.350	-0.371	-0.366	-0.346	-0.328	-0.329	-0.353	-0.397
10681	106.80	-0.447	-0.487	-0.505	-0.498	-0.471	-0.431	-0.382	-0.323	-0.245	-0.138
10691	106.90	0.002	0.165	0.326	0.452	0.508	0.475	0.357	0.183	0.002	-0.138

Table 7-32-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	18.113	18.881	16.311	10.938	4.317	-1.461	-4.500	-3.819	0.247	6.149
11	0.10	11.690	14.849	14.510	10.794	4.889	-1.552	-7.122	-11.160	-13.828	-15.755
21	0.20	-17.478	-18.993	-19.672	-18.585	-15.061	-9.170	-1.844	5.433	11.232	14.746
31	0.30	16.031	15.775	14.749	13.250	10.894	6.904	0.768	-7.093	-15.068	-20.744
41	0.40	-21.838	-17.275	-7.877	3.709	13.899	19.500	18.904	12.627	2.953	-7.122
51	0.50	-15.125	-19.945	-21.933	-22.272	-22.022	-21.355	-19.414	-14.844	-6.726	4.590
61	0.60	17.200	28.106	34.237	33.602	26.086	13.545	-0.804	-13.457	-21.716	-24.424
71	0.70	-22.119	-16.618	-10.252	-5.042	-2.088	-1.336	-1.755	-1.843	-0.259	3.602
81	0.80	9.321	15.541	20.430	22.358	20.531	15.322	8.145	0.915	-4.683	-7.771
91	0.90	-8.464	-7.560	-5.941	-4.010	-1.501	2.217	7.482	13.709	19.213	21.670
101	1.00	19.118	11.039	-1.034	-13.748	-25.032	-25.633	-20.443	-9.012	4.989	17.142
111	1.10	23.892	23.715	17.390	7.351	-3.485	-12.827	-19.568	-23.635	-25.360	-24.835
121	1.20	-21.669	-15.302	-5.679	6.144	17.892	26.634	29.843	26.474	17.536	5.848
131	1.30	-4.980	-11.929	-13.711	-11.200	-6.946	-4.010	-4.615	-9.186	-16.178	-22.716
141	1.40	-25.776	-23.398	-15.447	-3.661	8.983	19.296	24.870	24.698	19.239	10.020
151	1.50	-0.996	-11.975	-21.533	-28.756	-33.038	-33.942	-31.209	-24.941	-15.844	-5.336
161	1.60	4.637	12.088	15.637	15.034	11.315	6.462	2.670	1.504	3.307	7.129
171	1.70	11.167	13.684	13.579	10.996	7.071	3.363	1.104	0.670	1.515	2.561
181	1.80	2.830	1.973	0.426	-0.868	-1.013	0.315	2.659	4.987	6.193	5.644
191	1.90	3.480	0.524	-2.111	-3.521	-3.340	-1.772	0.646	3.378	6.100	8.693
201	2.00	11.040	12.830	13.523	12.574	9.802	5.683	1.369	-1.680	-2.296	-0.181
211	2.10	3.857	8.157	10.866	10.717	7.569	2.446	-2.927	-6.878	-8.461	-7.760
221	2.20	-5.700	-3.515	-2.147	-1.889	-2.391	-2.994	-3.158	-2.753	-2.069	-1.581
231	2.30	-1.630	-2.222	-3.041	-3.662	-3.810	-3.513	-3.060	-2.797	-2.907	-3.284
241	2.40	-3.595	-3.459	-2.655	-1.211	0.642	2.615	4.490	6.157	7.527	8.429
251	2.50	8.565	7.613	5.423	2.211	-1.417	-4.637	-6.738	-7.425	-6.940	-5.897
261	2.60	-4.925	-4.311	-3.848	-3.015	-1.374	1.017	3.451	4.816	4.140	1.179
271	2.70	-3.288	-7.661	-10.157	-9.616	-6.072	-0.791	4.255	7.256	7.344	4.939
281	2.80	1.494	-1.208	-1.856	-0.132	3.255	6.993	9.787	10.849	10.066	7.820
291	2.90	4.649	0.980	-2.929	-6.830	-10.293	-12.648	-13.178	-11.468	-7.734	-2.903
301	3.00	1.633	4.524	4.985	3.098	-0.259	-3.810	-6.407	-7.434	-6.919	-5.350
311	3.10	-3.342	-1.351	0.422	1.923	3.052	3.560	3.106	1.486	-1.127	-4.097
321	3.20	-6.474	-7.352	-6.276	-3.481	0.146	3.407	5.257	5.207	3.475	0.834
331	3.30	-1.749	-3.512	-4.148	-3.808	-2.909	-1.843	-0.778	0.370	1.773	3.448
341	3.40	5.081	6.030	5.543	3.128	-1.114	-6.342	-11.126	-13.893	-13.496	-9.707
351	3.50	-3.396	3.703	9.572	12.634	12.321	9.253	4.937	1.130	-0.872	-0.707
361	3.60	1.033	3.187	4.641	4.840	3.963	2.705	1.807	1.622	1.969	2.329
371	3.70	2.279	1.868	1.689	2.570	5.029	8.809	12.781	15.334	15.084	11.569
381	3.80	5.550	-1.244	-6.842	-9.851	-9.986	-8.049	-5.399	-3.227	-2.021	-1.502
391	3.90	-1.023	-0.154	0.919	1.450	0.618	-1.841	-5.244	-8.107	-8.794	-6.369
401	4.00	-1.179	5.163	10.438	12.820	11.714	8.020	3.665	0.662	0.150	1.899
411	4.10	4.510	6.165	5.538	2.405	-2.334	-7.166	-10.712	-12.312	-12.163	-11.008
421	4.20	-9.602	-8.283	-6.879	-4.970	-2.317	0.826	3.708	5.399	5.246	3.217
431	4.30	-0.051	-3.514	-6.151	-7.324	-6.916	-5.217	-2.678	0.294	3.382	6.260
441	4.40	8.462	9.368	8.379	5.219	0.205	-5.696	-11.098	-14.645	-15.491	-13.582
451	4.50	-9.616	-4.702	0.095	4.128	7.264	9.718	11.725	13.263	13.975	13.331
461	4.60	10.949	6.875	1.707	-3.545	-7.766	-10.088	-10.139	-8.094	-4.554	-0.335
471	4.70	3.736	6.943	8.730	8.724	6.775	3.042	-1.943	-7.282	-11.864	-14.646
481	4.80	-14.981	-12.858	-8.949	-4.403	-0.459	1.980	2.637	1.914	0.659	-0.212
491	4.90	-0.102	1.047	2.798	4.413	5.287	5.119	4.040	2.491	0.976	-0.160

Table 7-32-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.831	-1.142	-1.218	-1.044	-0.433	0.852	2.876	5.346	7.589	8.746
511	5.10	8.117	5.499	1.352	-3.317	-7.302	-9.644	-9.958	-8.502	-5.962	-3.071
521	5.20	-0.274	2.402	5.199	8.301	11.512	14.156	15.255	13.965	10.030	4.060
531	5.30	-2.550	-8.028	-10.832	-10.185	-6.339	-0.470	5.731	10.599	12.960	12.367
541	5.40	9.091	3.920	-2.112	-7.959	-12.725	-15.752	-16.675	-15.463	-12.429	-8.185
551	5.50	-3.523	0.767	4.086	6.129	6.879	6.494	5.147	2.933	-0.112	-3.870
561	5.60	-7.969	-11.699	-14.106	-14.270	-11.677	-6.523	0.211	6.981	12.148	14.523
571	5.70	13.768	10.499	6.030	1.864	-0.856	-1.738	-1.210	-0.271	-0.031	-1.249
581	5.80	-4.042	-7.864	-11.737	-14.615	-15.729	-14.802	-12.065	-8.123	-3.746	0.333
591	5.90	3.564	5.637	6.492	6.284	5.323	3.990	2.641	1.520	0.711	0.161
601	6.00	-0.229	-0.481	-0.473	0.035	1.265	3.226	5.583	7.694	8.825	8.487
611	6.10	6.737	4.247	2.092	1.292	2.319	4.808	7.653	9.476	9.263	6.875
621	6.20	3.158	-0.429	-2.506	-2.435	-0.660	1.534	2.665	1.843	-0.742	-3.860
631	6.30	-5.841	-5.413	-2.370	2.277	6.757	9.371	9.278	6.840	3.348	0.299
641	6.40	-1.398	-1.858	-2.064	-3.223	-5.976	-9.910	-13.653	-15.503	-14.292	-10.005
651	6.50	-3.842	2.329	6.839	8.970	9.190	8.782	9.053	10.565	12.785	14.347
661	6.60	13.773	10.292	4.322	-2.631	-8.587	-11.928	-12.041	-9.473	-5.581	-1.881
671	6.70	0.564	1.434	1.048	-0.007	-1.258	-2.532	-3.866	-5.280	-6.466	-6.992
681	6.80	-6.315	-4.210	-0.976	2.585	5.454	6.804	6.336	4.366	1.651	-0.952
691	6.90	-2.798	-3.593	-3.340	-2.168	-0.207	2.402	5.369	8.127	9.834	9.614
701	7.00	6.938	1.982	-4.267	-10.246	-14.350	-15.533	-13.701	-9.730	-5.084	-1.232
711	7.10	0.865	0.995	-0.401	-2.556	-4.714	-6.316	-6.997	-6.478	-4.535	-1.106
721	7.20	3.476	8.325	12.089	13.366	11.319	6.198	-0.541	-6.669	-10.038	-9.507
731	7.30	-5.466	0.303	5.425	8.003	7.465	4.741	1.702	0.121	0.717	2.771
741	7.40	4.526	4.105	0.858	-4.694	-10.507	-14.249	-14.384	-10.927	-5.424	-0.168
751	7.50	2.936	3.261	1.640	-0.227	-0.807	0.369	2.443	3.749	2.834	-0.588
761	7.60	-5.283	-8.975	-9.448	-5.696	1.454	9.599	15.783	17.805	15.166	9.221
771	7.70	2.479	-2.579	-4.576	-3.721	-1.500	0.202	0.067	-2.064	-5.236	-7.969
781	7.80	-9.033	-8.002	-5.342	-2.037	0.979	3.263	4.947	6.465	8.119	9.752
791	7.90	10.748	10.340	8.074	4.170	-0.428	-4.355	-6.338	-5.700	-2.628	1.892
801	8.00	6.423	9.560	10.356	8.565	4.639	-0.450	-5.516	-9.469	-11.574	-11.617
811	8.10	-9.918	-7.213	-4.405	-2.262	-1.156	-0.950	-1.098	-0.915	0.076	1.890
821	8.20	4.038	5.732	6.244	5.256	3.028	0.305	-1.988	-3.119	-2.816	-1.298
831	8.30	0.894	3.171	5.110	6.510	7.290	7.341	6.447	4.381	1.106	-3.009
841	8.40	-7.151	-10.252	-11.381	-10.142	-6.904	-2.703	1.149	3.575	4.147	3.196
851	8.50	1.590	0.293	-0.081	0.491	1.493	2.144	1.765	0.039	-2.901	-6.557
861	8.60	-10.223	-13.132	-14.557	-13.908	-10.875	-5.618	1.068	7.765	12.717	14.390
871	8.70	12.100	6.455	-0.679	-6.747	-9.446	-7.650	-1.914	5.706	12.456	15.977
881	8.80	15.196	10.636	4.038	-2.479	-7.306	-9.843	-10.453	-9.961	-9.051	-7.915
891	8.90	-6.316	-3.978	-1.015	1.926	3.921	4.289	3.064	1.105	-0.273	0.030
901	9.00	2.284	5.731	8.941	10.533	9.886	7.428	4.348	1.886	0.619	0.151
911	9.10	-0.590	-2.615	-6.128	-10.217	-13.216	-13.543	-10.592	-5.156	0.890	5.476
921	9.20	7.355	6.673	4.791	3.451	3.758	5.539	7.464	7.848	5.671	1.256
931	9.30	-3.829	-7.587	-8.874	-7.148	-4.437	-2.537	-2.868	-5.456	-8.880	-11.057
941	9.40	-10.422	-6.850	-1.791	2.473	6.052	2.487	-0.976	-4.041	-4.577	-1.766
951	9.50	3.468	8.948	12.402	12.641	10.136	6.693	4.433	4.628	7.034	10.052
961	9.60	11.616	10.306	6.105	0.421	-4.599	-7.083	-6.245	-2.639	2.207	6.522
971	9.70	8.989	9.126	7.242	4.129	0.709	-2.223	-4.111	-4.696	-4.080	-2.776
981	9.80	-1.626	-1.495	-2.796	-5.062	-6.870	-6.333	-2.033	5.981	15.721	23.706
991	9.90	26.296	21.398	9.705	-5.239	-18.332	-25.075	-23.597	-15.549	-5.341	1.962

Table 7-32-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	3.076	-1.936	-9.787	-15.720	-16.024	-10.008	-0.411	7.987	10.834	6.493
1011	10.10	-3.045	-13.089	-18.538	-16.357	-6.986	5.993	17.682	24.202	24.315	19.582
1021	10.20	13.096	7.597	4.055	1.473	-2.078	-7.882	-15.432	-22.429	-25.934	-24.000
1031	10.30	-16.847	-6.873	2.517	8.607	10.640	9.952	8.922	9.377	11.409	13.315
1041	10.40	12.721	8.229	0.594	-7.327	-11.931	-10.822	-4.289	4.590	11.351	12.405
1051	10.50	6.947	-2.510	-11.325	-15.049	-11.704	-2.813	7.346	13.886	13.737	7.115
1061	10.60	-2.693	-11.065	-14.352	-11.557	-4.576	3.023	7.937	8.702	6.112	2.372
1071	10.70	-0.418	-1.505	-1.748	-2.795	-5.745	-10.154	-14.037	-14.917	-11.328	-3.882
1081	10.80	4.784	11.220	12.930	9.718	3.862	-1.037	-1.941	1.997	8.941	15.280
1091	10.90	17.481	13.899	5.612	-4.143	-11.608	-14.349	-12.338	-7.772	-3.766	-2.676
1101	11.00	-4.944	-9.036	-12.432	-13.064	-10.402	-5.604	-0.737	2.462	3.532	3.427
1111	11.10	3.775	5.733	9.100	12.235	12.862	9.334	1.697	-8.069	-16.767	-21.349
1121	11.20	-20.263	-14.123	-5.403	2.685	7.572	8.323	5.812	2.077	-0.795	-1.655
1131	11.30	-0.736	0.646	0.884	-1.022	-4.928	-9.587	-13.225	-14.336	-12.337	-7.769
1141	11.40	-2.009	3.355	7.179	9.140	9.708	9.755	10.026	10.761	11.634	12.063
1151	11.50	11.564	10.311	8.975	8.498	9.519	11.884	14.526	15.805	14.222	9.156
1161	11.60	1.265	-7.680	-15.483	-20.413	-21.864	-20.459	-17.548	-14.388	-11.452	-8.264
1171	11.70	-3.861	2.364	9.935	17.129	21.552	21.229	15.661	6.303	-3.852	-11.423
1181	11.80	-14.021	-11.209	-4.619	2.807	8.060	9.217	6.006	-0.351	-7.823	-14.373
1191	11.90	-18.513	-19.476	-17.125	-11.811	-4.357	3.912	11.236	15.800	16.364	12.891
1201	12.00	6.773	0.388	-3.919	-4.983	-3.466	-1.562	-1.800	-5.501	-11.738	-17.465
1211	12.10	-18.891	-13.507	-1.712	12.885	24.804	29.139	23.931	11.276	-3.478	-14.116
1221	12.20	-16.394	-9.941	1.707	12.928	18.763	17.200	9.870	0.910	-5.351	-6.609
1231	12.30	-3.576	0.716	2.806	0.811	-4.549	-10.421	-13.458	-11.681	-5.530	2.417
1241	12.40	8.860	11.480	10.007	6.102	2.217	0.132	0.037	0.628	0.112	-2.532
1251	12.50	-6.801	-10.866	-12.578	-10.690	-5.551	1.100	7.107	11.043	12.837	13.525
1261	12.60	14.310	15.529	16.219	14.604	9.274	0.382	-9.909	-18.105	-20.938	-17.060
1271	12.70	-7.948	2.526	9.736	10.434	4.318	-5.735	-14.933	-18.750	-15.010	-4.898
1281	12.80	7.564	17.331	20.577	16.359	6.967	-3.160	-9.409	-8.991	-2.069	8.404
1291	12.90	18.021	22.799	20.803	12.832	1.967	-7.788	-13.142	-12.763	-7.630	-0.429
1301	13.00	5.683	8.401	7.093	2.826	-2.337	-6.392	-8.283	-8.219	-7.326	-6.866
1311	13.10	-7.471	-8.799	-9.782	-9.308	-6.943	-3.272	0.349	2.493	2.455	0.677
1321	13.20	-1.439	-2.241	-0.693	3.075	7.816	11.801	13.663	13.018	10.531	7.427
1331	13.30	4.773	2.936	1.541	-0.099	-2.373	-4.985	-7.039	-7.552	-6.055	-2.911
1341	13.40	0.888	4.283	6.720	8.317	9.484	10.260	9.834	6.738	-0.249	-10.897
1351	13.50	-22.776	-31.605	-32.831	-23.843	-5.751	16.318	34.814	42.730	36.653	18.419
1361	13.60	-5.496	-26.694	-38.444	-38.449	-29.486	-17.641	-9.088	-7.070	-10.606	-15.543
1371	13.70	-17.274	-13.595	-6.090	0.763	2.298	-3.328	-13.526	-22.107	-22.266	-10.272
1381	13.80	12.093	37.689	56.872	61.759	49.848	25.256	-3.045	-25.140	-34.350	-29.739
1391	13.90	-15.872	-0.145	10.868	14.211	11.224	6.010	2.722	3.216	6.293	8.812
1401	14.00	7.882	2.832	-4.204	-9.386	-9.316	-3.051	7.214	17.100	22.191	20.184
1411	14.10	11.937	0.886	-8.793	-14.267	-15.264	-13.841	-12.908	-14.413	-18.192	-22.124
1421	14.20	-23.441	-20.414	-13.441	-4.929	1.958	4.944	3.758	0.089	-3.544	-5.336
1431	14.30	-5.205	-4.685	-5.732	-9.191	-13.866	-16.871	-15.163	-7.479	4.466	16.306
1441	14.40	22.899	20.885	10.619	-3.614	-15.358	-18.951	-12.270	2.138	18.159	28.959
1451	14.50	30.199	22.042	8.967	-2.494	-6.946	-2.655	7.815	19.096	25.808	25.180
1461	14.60	18.186	8.710	1.267	-1.422	0.268	3.345	4.101	0.366	-7.169	-15.241
1471	14.70	-19.755	-18.006	-10.168	0.734	10.351	15.181	14.260	9.477	4.415	2.370
1481	14.80	4.617	9.820	14.830	16.393	12.845	4.906	-4.748	-12.832	-16.972	-16.611
1491	14.90	-12.948	-8.085	-3.940	-1.544	-0.978	-1.841	-3.783	-6.710	-10.537	-14.730

Table 7-32-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-18.064	-18.915	-16.039	-9.445	-0.793	7.017	10.999	9.452	2.833	-6.340
1511	15.10	-14.584	-18.993	-18.487	-14.123	-8.351	-3.644	-1.229	-0.595	0.015	2.455
1521	15.20	7.536	14.537	21.593	26.702	28.745	27.933	25.456	22.596	19.879	16.784
1531	15.30	12.220	5.459	-3.051	-11.538	-17.576	-19.258	-16.224	-9.966	-3.195	1.391
1541	15.40	2.304	-0.217	-4.608	-9.012	-12.327	-14.618	-16.691	-19.110	-21.319	-21.526
1551	15.50	-17.537	-8.169	5.541	20.130	30.799	33.415	26.498	12.184	-4.416	-17.234
1561	15.60	-21.766	-16.906	-5.262	8.178	18.335	22.185	19.763	13.663	7.286	3.180
1571	15.70	1.727	1.375	-0.183	-4.491	-11.332	-18.786	-24.251	-25.821	-23.253	-17.991
1581	15.80	-12.283	-7.908	-5.239	-3.156	0.144	5.920	13.929	22.299	28.319	29.764
1591	15.90	26.058	18.677	10.586	4.960	3.833	7.286	13.520	19.717	23.236	22.574
1601	16.00	17.722	9.865	0.696	-8.265	-16.026	-22.095	-26.210	-28.095	-27.416	-23.963
1611	16.10	-17.912	-9.961	-1.235	7.014	13.757	18.407	20.819	21.112	19.467	16.039
1621	16.20	11.032	4.864	-1.721	-7.720	-12.119	-14.210	-13.807	-11.247	-7.199	-2.394
1631	16.30	2.537	7.053	10.559	12.301	11.464	7.513	0.634	-7.999	-16.366	-22.201
1641	16.40	-23.841	-20.923	-14.570	-6.914	-0.152	4.390	6.715	7.869	9.080	10.790
1651	16.50	12.175	11.479	7.059	-1.409	-12.240	-22.063	-27.116	-24.944	-15.675	-2.173
1661	16.60	11.074	19.857	22.030	18.309	11.694	5.827	3.125	3.667	5.387	5.437
1671	16.70	1.986	-4.565	-11.616	-15.680	-14.288	-7.475	1.992	9.815	12.227	7.890
1681	16.80	-1.351	-11.264	-17.193	-16.237	-8.577	2.675	12.983	18.478	17.607	11.585
1691	16.90	3.527	-3.199	-6.534	-6.435	-4.481	-2.709	-2.385	-3.374	-4.397	-3.959
1701	17.00	-1.365	2.763	6.735	8.662	7.450	3.371	-2.060	-6.824	-9.329	-9.067
1711	17.10	-6.704	-3.620	-1.195	-0.225	-0.717	-2.074	-3.490	-4.308	-4.177	-3.039
1721	17.20	-1.044	1.459	3.870	5.320	4.833	1.712	-3.981	-11.137	-17.742	-21.532
1731	17.30	-20.941	-15.911	-8.132	-0.504	4.021	3.698	-1.207	-8.501	-15.003	-17.910
1741	17.40	-15.972	-9.914	-1.972	5.208	9.730	11.112	10.200	8.457	7.079	6.435
1751	17.50	6.088	5.323	3.807	1.949	0.735	1.114	3.316	6.525	9.138	9.536
1761	17.60	6.967	2.069	-3.261	-6.635	-6.224	-1.596	6.057	14.393	20.856	23.637
1771	17.70	22.243	17.485	10.961	4.345	-1.172	-5.102	-7.521	-8.750	-9.079	-8.663
1781	17.80	-7.587	-6.001	-4.177	-2.451	-1.072	-0.080	0.687	1.469	2.383	3.305
1791	17.90	3.890	3.742	2.633	0.643	-1.855	-4.366	-6.490	-8.068	-9.182	-10.033
1801	18.00	-10.776	-11.431	-11.919	-12.169	-12.217	-12.195	-12.202	-12.141	-11.668	-10.217
1811	18.10	-7.487	-3.563	0.837	4.542	6.387	5.782	3.109	-0.292	-2.599	-2.263
1821	18.20	1.279	7.285	13.954	19.138	21.228	19.797	15.728	10.785	6.833	5.086
1831	18.30	5.695	7.843	10.238	11.741	11.826	10.681	8.969	7.411	6.427	6.010
1841	18.40	5.836	5.520	4.847	3.850	2.726	1.660	0.688	-0.328	-1.614	-3.333
1851	18.50	-5.493	-7.929	-10.375	-12.569	-14.188	-15.039	-14.824	-13.269	-10.213	-5.772
1861	18.60	-0.462	4.839	9.106	11.522	11.794	10.287	7.867	5.516	3.899	3.094
1871	18.70	2.633	1.833	0.234	-2.083	-4.497	-6.180	-6.572	-5.749	-4.450	-3.718
1881	18.80	-4.323	-6.275	-8.691	-10.137	-9.298	-5.656	0.172	6.627	11.849	14.486
1891	18.90	14.269	12.080	9.487	7.976	8.252	9.959	11.912	12.733	11.533	8.338
1901	19.00	4.034	-0.083	-2.920	-4.066	-3.790	-2.956	-2.348	-2.352	-2.786	-3.067
1911	19.10	-2.570	-0.971	1.592	4.612	7.456	9.606	10.771	10.817	9.614	6.945
1921	19.20	2.570	-3.546	-10.967	-18.660	-25.141	-28.901	-28.964	-25.337	-19.140	-12.311
1931	19.30	-6.982	-4.738	-6.056	-10.136	-15.171	-18.973	-19.698	-16.436	-9.481	-0.215
1941	19.40	9.310	16.959	21.075	20.896	16.723	9.836	2.169	-4.164	-7.409	-6.841
1951	19.50	-2.029	5.174	12.966	19.165	22.056	20.911	16.200	9.408	2.525	-2.613
1961	19.60	-4.888	-4.181	-1.268	2.581	6.120	8.533	9.587	9.498	8.635	7.229
1971	19.70	5.265	2.579	-0.894	-4.900	-8.818	-11.837	-13.305	-13.042	-11.477	-9.492
1981	19.80	-8.042	-7.729	-8.538	-9.881	-10.906	-10.937	-9.807	-7.906	-5.945	-4.552
1991	19.90	-3.935	-3.790	-3.513	-2.587	-0.931	1.003	2.441	2.708	1.628	-0.330

Table 7-32-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-2.251	-3.223	-2.820	-1.323	0.412	1.415	1.140	-0.210	-1.739	-2.305
2011	20.10	-1.115	1.811	5.561	8.696	9.880	8.490	4.919	0.440	-3.301	-4.923
2021	20.20	-3.804	-0.234	4.787	9.990	14.294	17.109	18.393	18.513	17.998	17.313
2031	20.30	16.719	16.235	15.682	14.761	13.168	10.698	7.351	3.384	-0.717	-4.362
2041	20.40	-7.043	-8.517	-8.896	-8.582	-8.087	-7.793	-7.795	-7.895	-7.757	-7.145
2051	20.50	-6.113	-5.040	-4.482	-4.918	-6.507	-8.992	-11.794	-14.238	-15.819	-16.562
2061	20.60	-16.029	-15.180	-14.180	-13.250	-12.420	-11.586	-10.623	-9.483	-8.241	-7.078
2071	20.70	-6.226	-5.897	-6.220	-7.179	-8.564	-9.969	-10.841	-10.629	-8.978	-5.909
2081	20.80	-1.881	2.321	5.859	8.161	9.137	9.159	8.824	8.588	8.502	8.191
2091	20.90	7.122	5.031	2.244	-0.303	-1.423	-0.271	3.150	7.833	12.122	14.417
2101	21.00	13.914	10.988	7.007	3.662	2.136	2.554	3.991	5.049	4.700	2.923
2111	21.10	0.798	-0.021	1.798	6.479	12.867	18.836	22.182	21.575	17.112	10.224
2121	21.20	3.013	-2.626	-5.693	-6.272	-5.235	-3.659	-2.319	-1.475	-1.004	-0.707
2131	21.30	-0.566	-0.770	-1.532	-2.837	-4.325	-5.412	-5.593	-4.748	-3.257	-1.827
2141	21.40	-1.121	-1.400	-2.378	-3.394	-3.801	-3.367	-2.441	-1.802	-2.267	-4.169
2151	21.50	-7.214	-10.570	-13.128	-14.036	-12.993	-10.286	-6.573	-2.551	1.291	4.732
2161	21.60	7.693	10.050	11.527	11.759	10.486	7.772	4.106	0.312	-2.696	-4.204
2171	21.70	-3.915	-2.000	0.993	4.325	7.255	9.182	9.741	8.862	6.808	4.163
2181	21.80	1.719	0.265	0.312	1.856	4.313	6.690	7.951	7.449	5.216	1.979
2191	21.90	-1.116	-2.964	-2.925	-1.034	2.079	5.498	8.393	10.270	11.026	10.820
2201	22.00	9.883	8.396	6.487	4.320	2.164	0.381	-0.702	-0.960	-0.560	0.087
2211	22.10	0.510	0.394	-0.303	-1.397	-2.662	-4.023	-5.625	-7.710	-10.357	-13.253
2221	22.20	-15.652	-16.608	-15.399	-11.927	-6.890	-1.588	2.563	4.591	4.338	2.458
2231	22.30	0.065	-1.800	-2.599	-2.424	-1.811	-1.354	-1.376	-1.823	-2.418	-2.948
2241	22.40	-3.473	-4.303	-5.757	-7.831	-10.016	-11.402	-11.071	-8.582	-4.291	0.685
2251	22.50	4.872	7.046	6.741	4.424	1.253	-1.453	-2.768	-2.483	-1.068	0.652
2261	22.60	1.940	2.450	2.287	1.839	1.512	1.530	1.903	2.522	3.297	4.204
2271	22.70	5.221	6.198	6.789	6.518	4.993	2.153	-1.592	-5.443	-8.498	-10.123
2281	22.80	-10.216	-9.217	-7.869	-6.836	-6.389	-6.320	-6.121	-5.334	-3.859	-2.058
2291	22.90	-0.592	-0.070	-0.714	-2.202	-3.801	-4.693	-4.360	-2.806	-0.537	1.692
2301	23.00	3.220	3.743	3.392	2.619	1.963	1.836	2.410	3.615	5.206	6.839
2311	23.10	8.116	8.622	8.004	6.096	3.075	-0.456	-3.545	-5.162	-4.584	-1.739
2321	23.20	2.669	7.362	10.947	12.471	11.804	9.673	7.322	5.945	6.164	7.789
2331	23.30	9.972	11.663	12.144	11.353	9.864	8.528	7.980	8.265	8.777	8.548
2341	23.40	6.728	3.035	-2.071	-7.544	-12.172	-15.047	-15.883	-15.033	-13.251	-11.320
2351	23.50	-9.740	-8.603	-7.682	-6.656	-5.332	-3.760	-2.205	-1.007	-0.426	-0.546
2361	23.60	-1.271	-2.391	-3.669	-4.906	-5.958	-6.739	-7.211	-7.391	-7.363	-7.264
2371	23.70	-7.243	-7.392	-7.687	-7.972	-8.026	-7.659	-6.825	-5.666	-4.466	-3.536
2381	23.80	-3.080	-3.104	-3.428	-3.785	-3.946	-3.826	-3.500	-3.135	-2.887	-2.819
2391	23.90	-2.886	-2.992	-3.065	-3.110	-3.190	-3.356	-3.562	-3.636	-3.333	-2.456
2401	24.00	-0.989	0.847	2.644	3.960	4.519	4.345	3.785	3.385	3.690	5.028
2411	24.10	7.389	10.419	13.543	16.146	17.748	18.118	17.308	15.607	13.452	11.307
2421	24.20	9.561	8.435	7.934	7.862	7.889	7.674	6.997	5.842	4.409	3.026
2431	24.30	2.010	1.525	1.520	1.759	1.942	1.843	1.403	0.722	-0.018	-0.671
2441	24.40	-1.184	-1.588	-1.910	-2.083	-1.921	-1.201	0.178	2.049	3.937	5.177
2451	24.50	5.161	3.608	0.722	-2.849	-6.254	-8.771	-10.069	-10.290	-9.895	-9.374
2461	24.60	-8.971	-8.560	-7.753	-6.176	-3.751	-0.842	1.842	3.551	3.850	2.856
2471	24.70	1.226	-0.121	-0.405	0.655	2.716	4.960	6.459	6.570	5.205	2.831
2481	24.80	0.251	-1.750	-2.699	-2.565	-1.674	-0.487	0.644	1.608	2.527	3.604
2491	24.90	4.950	6.468	7.859	8.744	8.829	8.035	6.533	4.675	2.861	1.404

Table 7-32-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.453	-0.617	-0.153	-0.163	-0.256	-0.623	-1.417	-2.734	-4.582	-6.828
2511	25.10	-9.183	-11.232	-12.530	-12.742	-11.771	-9.828	-7.384	-5.034	-3.304	-2.480
2521	25.20	-2.526	-3.131	-3.854	-4.306	-4.290	-3.852	-3.211	-2.633	-2.292	-2.201
2531	25.30	-2.234	-2.215	-2.031	-1.697	-1.343	-1.134	-1.168	-1.411	-1.709	-1.878
2541	25.40	-1.809	-1.550	-1.287	-1.248	-1.561	-2.148	-2.719	-2.881	-2.314	-0.944
2551	25.50	0.991	3.004	4.553	5.260	5.065	4.243	3.263	2.567	2.363	2.525
2561	25.60	2.665	2.311	1.135	-0.890	-3.472	-6.113	-8.304	-9.696	-10.191	-9.900
2571	25.70	-9.031	-7.757	-6.158	-4.244	-2.051	0.259	2.366	3.862	4.399	3.853
2581	25.80	2.422	0.590	-1.019	-1.368	-1.692	-0.592	1.026	2.622	3.735	4.145
2591	25.90	3.922	3.356	2.801	2.516	2.575	2.868	3.190	3.361	3.319	3.142
2601	26.00	2.999	3.059	3.406	4.003	4.709	5.344	5.760	5.882	5.712	5.297
2611	26.10	4.693	3.941	3.076	2.153	1.267	0.555	0.167	0.212	0.718	1.605
2621	26.20	2.708	3.816	4.731	5.308	5.469	5.195	4.515	3.487	2.201	0.781
2631	26.30	-0.616	-1.827	-2.718	-3.221	-3.356	-3.217	-2.933	-2.611	-2.298	-1.975
2641	26.40	-1.583	-1.075	-0.455	0.204	0.784	1.157	1.235	0.989	0.450	-0.294
2651	26.50	-1.120	-1.870	-2.363	-2.413	-1.888	-0.779	0.743	2.315	3.463	3.748
2661	26.60	2.948	1.181	-1.088	-3.189	-4.485	-4.625	-3.681	-2.119	-0.595	0.325
2671	26.70	0.404	-0.198	-1.029	-1.600	-1.639	-1.225	-0.729	-0.601	-1.101	-2.131
2681	26.80	-3.251	-3.880	-3.585	-2.310	-0.418	1.471	2.767	3.188	2.870	2.276
2691	26.90	1.928	2.124	2.785	3.507	3.800	3.384	2.383	1.296	0.767	1.252
2701	27.00	2.758	4.800	6.596	7.420	6.929	5.314	3.181	1.246	-0.018	-0.600
2711	27.10	-0.909	-1.524	-2.849	-4.865	-7.111	-8.913	-9.728	-9.438	-8.423	-7.378
2721	27.20	-6.963	-7.464	-8.645	-9.870	-10.439	-9.956	-8.544	-6.785	-5.421	-4.954
2731	27.30	-5.372	-6.131	-6.414	-5.543	-3.327	-0.172	3.098	5.627	6.915	7.010
2741	27.40	6.423	5.809	5.589	5.729	5.777	5.144	3.475	0.904	-1.949	-4.246
2751	27.50	-5.327	-5.029	-3.759	-2.285	-1.366	-1.289	-1.911	-2.600	-2.683	-1.811
2761	27.60	-0.166	1.609	2.726	2.660	1.429	-0.391	-1.917	-2.368	-1.417	0.666
2771	27.70	3.147	5.156	6.053	5.659	4.270	2.472	0.871	-0.133	-0.434	-0.159
2781	27.80	0.470	1.265	2.125	3.015	3.903	4.723	5.396	5.888	6.267	6.696
2791	27.90	7.356	8.326	9.490	10.532	11.035	10.643	9.220	6.919	4.131	1.339
2801	28.00	-1.048	-2.814	-3.953	-4.587	-4.860	-4.856	-4.585	-4.039	-3.265	-2.397
2811	28.10	-1.622	-1.089	-0.807	-0.618	-0.239	0.597	1.999	3.826	5.718	7.220
2821	28.20	7.976	7.877	7.117	6.110	5.315	5.043	5.334	5.953	6.507	6.623
2831	28.30	6.112	5.042	3.699	2.450	1.590	1.221	1.233	1.373	1.370	1.058
2841	28.40	0.434	-0.363	-1.147	-1.787	-2.279	-2.740	-3.342	-4.201	-5.306	-6.494
2851	28.50	-7.521	-8.167	-8.336	-8.108	-7.699	-7.369	-7.303	-7.542	-7.983	-8.457
2861	28.60	-8.826	-9.066	-9.276	-9.613	-10.208	-11.070	-12.072	-12.996	-13.625	-13.828
2871	28.70	-13.591	-12.990	-12.121	-11.041	-9.749	-8.229	-6.509	-4.707	-3.017	-1.635
2881	28.80	-0.658	-0.019	0.490	1.125	2.047	3.222	4.418	5.305	5.624	5.336
2891	28.90	4.661	3.992	3.714	4.014	4.781	5.652	6.177	6.033	5.171	3.841
2901	29.00	2.474	1.492	1.142	1.420	2.122	2.970	3.749	4.377	4.891	5.372
2911	29.10	5.863	6.341	6.742	7.018	7.182	7.290	7.390	7.451	7.349	6.931
2921	29.20	6.129	5.056	4.023	3.425	3.541	4.341	5.404	6.032	5.520	3.478
2931	29.30	0.062	-4.025	-7.767	-10.219	-10.878	-9.869	-7.859	-5.749	-4.278	-3.731
2941	29.40	-3.874	-4.139	-3.951	-3.036	-1.554	-0.006	1.031	1.199	0.543	-0.519
2951	29.50	-1.403	-1.633	-1.062	0.086	1.343	2.232	2.478	2.102	1.368	0.617
2961	29.60	0.095	-0.141	-0.195	-0.224	-0.310	-0.396	-0.323	0.056	0.757	1.614
2971	29.70	2.323	2.569	2.177	1.198	-0.105	-1.363	-2.258	-2.639	-2.564	-2.241
2981	29.80	-1.924	-1.798	-1.928	-2.266	-2.726	-3.241	-3.808	-4.467	-5.254	-6.145
2991	29.90	-7.034	-7.751	-8.123	-8.027	-7.439	-6.433	-5.164	-3.817	-2.567	-1.544

Table 7-32-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.801	-0.308	0.052	0.458	1.092	2.073	3.381	4.832	6.116	6.902
3011	30.10	6.988	6.417	5.513	4.791	4.770	5.755	7.679	10.082	12.254	13.482
3021	30.20	13.309	11.703	9.056	6.051	3.311	1.367	0.324	-0.017	-0.051	-0.171
3031	30.30	-0.623	-1.430	-2.431	-3.373	-4.019	-4.213	-3.901	-3.104	-1.887	-0.347
3041	30.40	1.390	3.145	4.702	5.836	6.377	6.277	5.644	4.721	3.817	3.198
3051	30.50	2.996	3.159	3.472	3.637	3.389	2.595	1.308	-0.253	-1.776	-2.968
3061	30.60	-3.646	-3.788	-3.509	-2.989	-2.383	-1.757	-1.077	-0.263	0.725	1.817
3071	30.70	2.820	3.480	3.588	3.099	2.174	1.143	0.370	0.098	0.340	0.868
3081	30.80	1.318	1.366	0.884	0.009	-0.919	-1.514	-1.529	-0.967	-0.086	0.720
3091	30.90	1.087	0.822	-0.051	-1.337	-2.785	-4.186	-5.417	-6.418	-7.131	-7.457
3101	31.00	-7.284	-6.544	-5.298	-3.755	-2.216	-0.955	-0.103	0.396	0.722	1.033
3111	31.10	1.318	1.351	0.774	-0.695	-3.059	-5.927	-8.604	-10.338	-10.639	-9.907
3121	31.20	-7.460	-5.324	-3.887	-3.576	-4.294	-5.506	-6.514	-6.787	-6.188	-4.987
3131	31.30	-3.685	-2.740	-2.539	-2.345	-2.408	-2.186	-1.541	-0.605	0.313	0.913
3141	31.40	1.082	0.963	0.877	1.153	1.948	3.164	4.503	5.615	6.267	6.432
3151	31.50	6.272	6.015	5.820	5.691	5.500	5.086	4.382	3.478	2.593	1.961
3161	31.60	1.699	1.726	1.780	1.541	0.791	-0.472	-2.000	-3.389	-4.237	-4.306
3171	31.70	-3.612	-2.414	-1.107	-0.067	0.474	0.493	0.147	-0.316	-0.672	-0.802
3181	31.80	-0.724	-0.555	-0.446	-0.500	-0.736	-1.091	-1.465	-1.783	-2.046	-2.327
3191	31.90	-2.733	-3.334	-4.094	-4.851	-5.350	-5.343	-4.688	-3.428	-1.796	-0.142
3201	32.00	1.196	2.015	2.316	2.292	2.231	2.389	2.882	3.651	4.502	5.198
3211	32.10	5.564	5.512	5.188	4.628	3.992	3.371	2.816	2.364	2.067	1.996
3221	32.20	2.214	2.735	3.493	4.351	5.152	5.787	6.240	6.593	6.966	7.438
3231	32.30	7.978	8.437	8.598	8.276	7.409	6.106	4.612	3.219	2.157	1.512
3241	32.40	1.213	1.075	0.889	0.497	-0.162	-1.054	-2.082	-3.128	-4.077	-4.828
3251	32.50	-5.295	-5.412	-5.152	-4.554	-3.721	-2.809	-1.968	-1.291	-0.772	-0.318
3261	32.60	0.193	0.834	1.556	2.184	2.467	2.185	1.253	-0.224	-1.971	-3.648
3271	32.70	-4.974	-5.842	-6.348	-6.737	-7.280	-8.149	-9.321	-10.586	-11.623	-12.130
3281	32.80	-11.952	-11.136	-9.919	-8.624	-7.542	-6.823	-6.431	-6.177	-5.818	-5.161
3291	32.90	-4.157	-2.913	-1.654	-0.622	0.019	0.249	0.194	0.060	0.047	0.254
3301	33.00	0.645	1.070	1.343	1.332	1.033	0.578	0.193	0.105	0.457	1.245
3311	33.10	2.326	3.473	4.458	5.131	5.455	5.501	5.399	5.274	5.200	5.179
3321	33.20	5.155	5.055	4.828	4.474	4.047	3.631	3.310	3.128	3.066	3.043
3331	33.30	2.944	2.663	2.158	1.484	0.789	0.278	0.137	0.448	1.140	1.987
3341	33.40	2.673	2.904	2.522	1.576	0.315	-0.895	-1.714	-1.951	-1.637	-0.998
3351	33.50	-0.359	0.005	-0.026	-0.370	-0.793	-1.024	-0.879	-0.334	0.470	1.303
3361	33.60	1.956	2.333	2.481	2.553	2.719	3.069	3.568	4.054	4.321	4.202
3371	33.70	3.654	2.784	1.811	0.990	0.515	0.459	0.752	1.220	1.650	1.869
3381	33.80	1.791	1.437	0.903	0.318	-0.208	-0.618	-0.918	-1.157	-1.406	-1.720
3391	33.90	-2.131	-2.631	-3.191	-3.758	-4.273	-4.672	-4.890	-4.877	-4.615	-4.134
3401	34.00	-3.523	-2.919	-2.471	-2.282	-2.365	-2.616	-2.831	-2.774	-2.267	-1.268
3411	34.10	0.090	1.527	2.704	3.340	3.315	2.713	1.802	0.929	0.411	0.417
3421	34.20	0.928	1.749	2.595	3.187	3.347	3.069	2.406	1.626	0.936	0.516
3431	34.30	0.449	0.715	1.206	1.771	2.263	2.581	2.693	2.636	2.495	2.368
3441	34.40	2.329	2.406	2.578	2.793	2.995	3.148	3.248	3.310	3.353	3.375
3451	34.50	3.352	3.247	3.033	2.713	2.321	1.908	1.512	1.131	0.727	0.244
3461	34.60	-0.345	-1.010	-1.653	-2.137	-2.349	-2.250	-1.908	-1.682	-1.155	-1.067
3471	34.70	-1.252	-1.635	-2.068	-2.411	-2.590	-2.639	-2.665	-2.794	-3.097	-3.545
3481	34.80	-4.016	-4.368	-4.412	-4.169	-3.698	-3.156	-2.726	-2.540	-2.639	-2.963
3491	34.90	-3.381	-3.750	-3.964	-3.998	-3.912	-3.833	-3.905	-4.242	-4.875	-5.729

Table 7-32-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-6.631	-7.366	-7.655	-7.423	-6.656	-5.508	-4.234	-3.106	-2.320	-1.931
3511	35.10	-1.856	-1.924	-1.970	-1.908	-1.764	-1.644	-1.666	-1.851	-2.148	-2.397
3521	35.20	-2.436	-2.179	-1.664	-1.038	-0.479	-0.099	0.120	0.320	0.695	1.383
3531	35.30	2.379	3.521	4.553	5.237	5.471	5.328	5.029	4.834	4.920	5.308
3541	35.40	5.859	6.355	6.605	6.536	6.211	5.784	5.404	5.131	4.903	4.571
3551	35.50	3.981	3.069	1.902	0.664	-0.422	-1.186	-1.583	-1.715	-1.775	-1.965
3561	35.60	-2.407	-3.086	-3.864	-4.533	-4.903	-4.883	-4.519	-3.982	-3.503	-3.290
3571	35.70	-3.449	-3.948	-4.626	-5.252	-5.611	-5.580	-5.160	-4.472	-3.695	-2.992
3581	35.80	-2.449	-2.054	-1.723	-1.355	-0.889	-0.333	0.244	0.761	1.171	1.493
3591	35.90	1.801	2.181	2.681	3.283	3.911	4.474	4.923	5.278	5.620	6.043
3601	36.00	6.589	7.208	7.769	8.108	8.113	7.771	7.185	6.520	5.922	5.445
3611	36.10	5.025	4.511	3.751	2.671	1.329	-0.095	-1.365	-2.278	-2.735	-2.763
3621	36.20	-2.486	-2.063	-1.616	-1.196	-0.779	-0.299	0.306	1.062	1.940	2.869
3631	36.30	3.744	4.459	4.915	5.045	4.825	4.288	3.530	2.698	1.954	1.435
3641	36.40	1.207	1.241	1.424	1.598	1.622	1.422	1.012	0.483	-0.041	-0.450
3651	36.50	-0.691	-0.773	-0.751	-0.695	-0.652	-0.639	-0.638	-0.624	-0.583	-0.521
3661	36.60	-0.464	-0.438	-0.457	-0.511	-0.572	-0.612	-0.615	-0.597	-0.597	-0.668
3671	36.70	-0.846	-1.140	-1.527	-1.964	-2.415	-2.870	-3.357	-3.920	-4.582	-5.307
3681	36.80	-5.980	-6.424	-6.457	-5.966	-4.975	-3.659	-2.307	-1.226	-0.633	-0.580
3691	36.90	-0.937	-1.458	-1.891	-2.082	-2.033	-1.885	-1.837	-2.034	-2.503	-3.130
3701	37.00	-3.728	-4.120	-4.219	-4.051	-3.719	-3.328	-2.922	-2.463	-1.861	-1.045
3711	37.10	-0.021	1.110	2.197	3.103	3.772	4.245	4.619	4.973	5.302	5.500
3721	37.20	5.406	4.891	3.943	2.698	1.406	0.331	-0.349	-0.606	-0.556	-0.383
3731	37.30	-0.271	-0.279	-0.377	-0.458	-0.419	-0.237	0.109	0.462	0.767	0.910
3741	37.40	0.964	0.967	0.984	1.059	1.198	1.389	1.615	1.869	2.145	2.418
3751	37.50	2.629	2.695	2.544	2.162	1.619	1.064	0.671	0.572	0.789	1.225
3761	37.60	1.699	2.021	2.075	1.852	1.446	0.990	0.587	0.270	-0.001	-0.289
3771	37.70	-0.619	-0.940	-1.135	-1.066	-0.652	0.083	1.005	1.916	2.629	3.041
3781	37.80	3.156	3.064	2.883	2.688	2.480	2.202	1.781	1.199	0.519	-0.128
3791	37.90	-0.603	-0.831	-0.862	-0.859	-1.043	-1.586	-2.525	-3.721	-4.903	-5.773
3801	38.00	-6.134	-5.982	-5.513	-5.045	-4.872	-5.133	-5.734	-6.389	-6.741	-6.522
3811	38.10	-5.686	-4.426	-3.104	-2.086	-1.585	-1.579	-1.834	-2.021	-1.879	-1.322
3821	38.20	-0.469	0.440	1.174	1.623	1.837	1.969	2.162	2.441	2.681	2.665
3831	38.30	2.204	1.255	-0.027	-1.344	-2.374	-2.922	-2.996	-2.794	-2.588	-2.592
3841	38.40	-2.859	-3.279	-3.657	-3.846	-3.836	-3.765	-3.834	-4.183	-4.786	-5.442
3851	38.50	-5.859	-5.796	-5.192	-4.206	-3.150	-2.339	-1.944	-1.915	-2.013	-1.940
3861	38.60	-1.494	-0.678	0.303	1.142	1.589	1.569	1.230	0.867	0.787	1.171
3871	38.70	1.993	3.049	4.052	4.765	5.087	5.077	4.889	4.687	4.562	4.503
3881	38.80	4.436	4.286	4.040	3.764	3.570	3.558	3.755	4.097	4.456	4.707
3891	38.90	4.771	4.662	4.462	4.266	4.131	4.045	3.937	3.731	3.400	2.997
3901	39.00	2.641	2.463	2.538	2.836	3.225	3.517	3.553	3.260	2.687	1.965
3911	39.10	1.244	0.618	0.090	-0.416	-0.996	-1.693	-2.451	-3.125	-3.532	-3.533
3921	39.20	-3.099	-2.324	-1.395	-0.511	0.184	0.649	0.939	1.121	1.299	1.689
3931	39.30	1.661	1.755	1.727	1.572	1.330	1.057	0.797	0.562	0.330	0.072
3941	39.40	-0.232	-0.578	-0.948	-1.327	-1.713	-2.113	-2.513	-2.853	-3.021	-2.881
3951	39.50	-2.331	-1.371	-0.125	1.170	2.251	2.921	3.129	2.993	2.736	2.595
3961	39.60	2.705	3.052	3.484	3.791	3.814	3.508	2.966	2.359	1.857	1.555
3971	39.70	1.444	1.443	1.450	1.400	1.282	1.117	0.922	0.676	0.325	-0.175
3981	39.80	-0.812	-1.490	-2.044	-2.311	-2.208	-1.786	-1.227	-0.776	-0.636	-0.884
3991	39.90	-1.439	-2.099	-2.641	-2.914	-2.907	-2.738	-2.593	-2.628	-2.904	-3.360

Table 7-32-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-3.854	-4.236	-4.411	-4.376	-4.211	-4.027	-3.918	-3.922	-4.017	-4.136
4011	40.10	-4.202	-4.146	-3.921	-3.494	-2.855	-2.014	-1.016	0.055	1.078	1.923
4021	40.20	2.489	2.740	2.716	2.525	2.303	2.166	2.170	2.300	2.481	2.614
4031	40.30	2.611	2.425	2.059	1.565	1.018	0.502	0.087	-0.190	-0.334	-0.396
4041	40.40	-0.454	-0.592	-0.862	-1.260	-1.714	-2.106	-2.321	-2.296	-2.064	-1.744
4051	40.50	-1.498	-1.456	-1.650	-1.978	-2.244	-2.232	-1.810	-0.997	0.023	0.967
4061	40.60	1.566	1.669	1.313	0.699	0.108	-0.217	-0.174	0.165	0.589	0.852
4071	40.70	0.773	0.316	-0.401	-1.165	-1.752	-2.014	-1.925	-1.569	-1.096	-0.654
4081	40.80	-0.340	-0.187	-0.171	-0.252	-0.396	-0.589	-0.826	-1.097	-1.366	-1.580
4091	40.90	-1.679	-1.630	-1.442	-1.168	-0.887	-0.671	-0.553	-0.510	-0.473	-0.354
4101	41.00	-0.088	0.339	0.878	1.430	1.886	2.163	2.238	2.153	1.998	1.873
4111	41.10	1.845	1.923	2.054	2.146	2.109	1.895	1.517	1.054	0.612	0.288
4121	41.20	0.130	0.120	0.186	0.241	0.220	0.114	-0.022	-0.095	-0.014	0.267
4131	41.30	0.722	1.260	1.752	2.085	2.198	2.104	1.878	1.625	1.431	1.336
4141	41.40	1.315	1.299	1.201	0.957	0.542	-0.020	-0.678	-1.366	-2.031	-2.633
4151	41.50	-3.148	-3.555	-3.834	-3.967	-3.948	-3.792	-3.541	-3.252	-2.985	-2.778
4161	41.60	-2.638	-2.538	-2.431	-2.271	-2.033	-1.715	-1.345	-0.960	-0.602	-0.303
4171	41.70	-0.084	0.042	0.068	0.001	-0.140	-0.324	-0.509	-0.658	-0.751	-0.797
4181	41.80	-0.820	-0.845	-0.871	-0.858	-0.733	-0.417	0.128	0.872	1.703	2.462
4191	41.90	3.001	3.236	3.191	2.984	2.773	2.685	2.752	2.893	2.954	2.782
4201	42.00	2.305	1.580	0.779	0.124	-0.211	-0.172	0.150	0.553	0.815	0.787
4211	42.10	0.457	-0.050	-0.524	-0.762	-0.645	-0.182	0.506	1.246	1.882	2.331
4221	42.20	2.599	2.752	2.872	3.004	3.141	3.239	3.245	3.144	2.968	2.788
4231	42.30	2.680	2.681	2.768	2.861	2.865	2.709	2.392	1.982	1.591	1.325
4241	42.40	1.238	1.309	1.452	1.569	1.588	1.503	1.364	1.239	1.166	1.116
4251	42.50	1.005	0.733	0.249	-0.404	-1.089	-1.627	-1.876	-1.806	-1.524	-1.231
4261	42.60	-1.132	-1.331	-1.775	-2.267	-2.553	-2.442	-1.903	-1.085	-0.258	0.312
4271	42.70	0.678	0.282	-0.079	-0.349	-0.347	-0.052	0.381	0.704	0.696	0.279
4281	42.80	-0.443	-1.223	-1.787	-1.951	-1.699	-1.179	-0.628	-0.259	-0.173	-0.320
4291	42.90	-0.539	-0.639	-0.483	-0.047	0.586	1.271	1.857	2.246	2.408	2.372
4301	43.00	2.196	1.938	1.645	1.346	1.064	0.818	0.619	0.467	0.352	0.250
4311	43.10	0.148	0.045	-0.046	-0.106	-0.139	-0.179	-0.292	-0.551	-0.999	-1.616
4321	43.20	-2.310	-2.942	-3.376	-3.536	-3.440	-3.194	-2.952	-2.844	-2.921	-3.131
4331	43.30	-3.363	-3.404	-3.214	-2.770	-2.173	-1.589	-1.175	-1.021	-1.114	-1.352
4341	43.40	-1.594	-1.725	-1.706	-1.582	-1.466	-1.476	-1.694	-2.123	-2.699	-3.314
4351	43.50	-3.864	-4.278	-4.538	-4.663	-4.687	-4.633	-4.503	-4.277	-3.935	-3.475
4361	43.60	-2.919	-2.320	-1.739	-1.235	-0.868	-0.588	-0.442	-0.376	-0.345	-0.299
4371	43.70	-0.195	-0.010	0.258	0.579	0.905	1.186	1.386	1.507	1.584	1.675
4381	43.80	1.829	2.057	2.320	2.541	2.641	2.576	2.367	2.105	1.916	1.915
4391	43.90	2.159	2.624	3.219	3.821	4.323	4.664	4.836	4.866	4.788	4.619
4401	44.00	4.357	3.995	3.541	3.028	2.508	2.029	1.617	1.264	0.940	0.618
4411	44.10	0.296	0.006	-0.205	-0.295	-0.269	-0.170	-0.062	0.003	0.016	0.015
4421	44.20	0.055	0.168	0.322	0.418	0.336	-0.010	-0.603	-1.311	-1.923	-2.233
4431	44.30	-2.128	-1.644	-0.959	-0.318	0.071	0.121	-0.101	-0.417	-0.624	-0.595
4441	44.40	-0.330	0.045	0.341	0.395	0.136	-0.384	-1.025	-1.613	-2.012	-2.157
4451	44.50	-2.064	-1.808	-1.481	-1.175	-0.958	-0.877	-0.954	-1.180	-1.509	-1.855
4461	44.60	-2.112	-2.180	-2.008	-1.618	-1.108	-0.619	0.285	-0.185	-0.312	-0.588
4471	44.70	-0.901	-1.153	-1.301	-1.361	-1.387	-1.432	-1.515	-1.608	-1.653	-1.594
4481	44.80	-1.408	-1.119	-0.784	-0.472	-0.232	-0.075	0.019	0.079	0.150	0.172
4491	44.90	0.191	0.173	0.126	0.082	0.088	0.180	0.361	0.592	0.799	0.907

Table 7-32-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.874	0.709	0.475	0.262	0.145	0.148	0.237	0.331	0.344	0.229
4511	45.10	0.009	-0.226	-0.347	-0.237	0.159	0.807	1.592	2.354	2.943	3.261
4521	45.20	3.295	3.108	2.813	2.524	2.329	2.260	2.301	2.405	2.515	2.589
4531	45.30	2.608	2.572	2.493	2.385	2.260	2.123	1.982	1.853	1.757	1.724
4541	45.40	1.780	1.943	2.210	2.557	2.936	3.289	3.559	3.704	3.715	3.611
4551	45.50	3.441	3.260	3.116	3.028	2.983	2.947	2.879	2.752	2.565	2.344
4561	45.60	2.125	1.939	1.792	1.669	1.543	1.394	1.227	1.072	0.970	0.950
4571	45.70	1.006	1.089	1.123	1.032	0.776	0.372	-0.112	-0.582	-0.956	-1.199
4581	45.80	-1.335	-1.436	-1.584	-1.835	-2.192	-2.604	-2.985	-3.255	-3.367	-3.331
4591	45.90	-3.199	-3.046	-2.935	-2.895	-2.914	-2.951	-2.958	-2.907	-2.797	-2.655
4601	46.00	-2.517	-2.412	-2.345	-2.301	-2.250	-2.171	-2.066	-1.956	-1.875	-1.839
4611	46.10	-1.836	-1.813	-1.693	-1.412	-0.947	-0.343	0.293	0.832	1.165	1.258
4621	46.20	1.159	0.983	0.856	0.858	0.982	1.136	1.186	1.027	0.640	0.109
4631	46.30	-0.406	-0.741	-0.799	-0.600	-0.274	-0.003	0.053	-0.179	-0.664	-1.288
4641	46.40	-1.924	-2.488	-2.973	-3.430	-3.920	-4.461	-5.000	-5.429	-5.637	-5.563
4651	46.50	-5.234	-4.756	-4.267	-3.881	-3.641	-3.515	-3.425	-3.304	-3.123	-2.914
4661	46.60	-2.733	-2.626	-2.598	-2.605	-2.581	-2.482	-2.312	-2.127	-2.003	-1.994
4671	46.70	-2.100	-2.260	-2.387	-2.411	-2.316	-2.150	-1.992	-1.909	-1.914	-1.954
4681	46.80	-1.940	-1.790	-1.476	-1.040	-0.567	-0.148	0.171	0.400	0.591	0.793
4691	46.90	1.013	1.202	1.283	1.195	0.948	0.631	0.389	0.361	0.607	1.078
4701	47.00	1.629	2.079	2.297	2.255	2.045	1.833	1.783	1.983	2.403	2.922
4711	47.10	3.377	3.646	3.690	3.569	3.401	3.302	3.333	3.480	3.668	3.810
4721	47.20	3.852	3.799	3.715	3.680	3.755	3.941	4.171	4.340	4.341	4.116
4731	47.30	3.687	3.151	2.661	2.372	2.392	2.749	3.377	4.138	4.856	5.378
4741	47.40	5.604	5.518	5.177	4.688	4.167	3.706	3.355	3.121	2.980	2.899
4751	47.50	2.853	2.823	2.797	2.762	2.701	2.600	2.456	2.287	2.129	2.020
4761	47.60	1.977	1.985	1.986	1.904	1.677	1.279	0.749	0.172	-0.347	-0.722
4771	47.70	-0.925	-0.991	-1.000	-1.045	-1.190	-1.446	-1.771	-2.093	-2.348	-2.506
4781	47.80	-2.593	-2.676	-2.842	-3.161	-3.660	-4.310	-5.031	-5.717	-6.266	-6.611
4791	47.90	-6.745	-6.719	-6.631	-6.595	-6.698	-6.971	-7.378	-7.819	-8.175	-8.344
4801	48.00	-8.280	-8.012	-7.623	-7.211	-6.851	-6.560	-6.297	-5.989	-5.570	-5.017
4811	48.10	-4.361	-3.670	-3.017	-2.444	-1.947	-1.487	-1.020	-0.527	-0.033	0.406
4821	48.20	0.736	0.937	1.045	1.145	1.333	1.674	2.169	2.749	3.305	3.727
4831	48.30	3.946	3.955	3.797	3.543	3.258	2.980	2.729	2.518	2.370	2.329
4841	48.40	2.440	2.725	3.163	3.681	4.174	4.545	4.742	4.780	4.742	4.738
4851	48.50	4.862	5.150	5.558	5.983	6.296	6.391	6.225	5.832	5.310	4.784
4861	48.60	4.367	4.115	4.021	4.015	3.996	3.865	3.564	3.091	2.505	1.898
4871	48.70	1.371	0.994	0.784	0.708	0.695	0.669	0.577	0.411	0.207	0.027
4881	48.80	-0.068	-0.050	0.067	0.224	0.338	0.331	0.151	-0.211	-0.718	-1.302
4891	48.90	-1.877	-2.368	-2.727	-2.943	-3.042	-3.082	-3.130	-3.241	-3.443	-3.725
4901	49.00	-4.043	-4.340	-4.565	-4.694	-4.737	-4.726	-4.702	-4.686	-4.674	-4.636
4911	49.10	-4.535	-4.348	-4.078	-3.755	-3.418	-3.094	-2.783	-2.458	-2.082	-1.633
4921	49.20	-1.117	-0.580	-0.085	0.310	0.578	0.725	0.786	0.798	0.783	0.735
4931	49.30	0.636	0.474	0.261	0.040	-0.132	-0.206	-0.168	-0.042	0.120	0.274
4941	49.40	0.401	0.527	0.702	0.973	1.349	1.793	2.226	2.568	2.772	2.843
4951	49.50	2.832	2.802	2.790	2.780	2.711	2.507	2.127	1.593	0.998	0.466
4961	49.60	0.102	-0.053	-0.040	0.040	0.075	-0.007	-0.212	-0.483	-0.740	-0.929
4971	49.70	-1.053	-1.164	-1.335	-1.610	-1.970	-2.337	-2.604	-2.690	-2.584	-2.351
4981	49.80	-2.111	-1.978	-2.013	-2.189	-2.408	-2.550	-2.525	-2.319	-1.999	-1.675
4991	49.90	-1.449	-1.370	-1.411	-1.492	-1.521	-1.440	-1.253	-1.021	-0.824	-0.720

Table 7-32-11

TABLE OF CORRECTED ACCELERATION RECORD

NO.11

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.715	-0.761	-0.781	-0.711	-0.537	-0.302	-0.090	0.016	-0.027	-0.200
5011	50.10	-0.422	-0.584	-0.586	-0.376	0.041	0.608	1.239	1.854	2.392	2.822
5021	50.20	3.131	3.319	3.385	3.332	3.171	2.933	2.670	2.448	2.328	2.352
5031	50.30	2.524	2.810	3.140	3.435	3.621	3.653	3.520	3.249	2.895	2.526
5041	50.40	2.209	1.994	1.910	1.955	2.098	2.289	2.460	2.548	2.501	2.299
5051	50.50	1.958	1.531	1.096	0.733	0.499	0.405	0.404	0.405	0.301	0.003
5061	50.60	-0.519	-1.222	-2.001	-2.720	-3.259	-3.554	-3.615	-3.515	-3.353	-3.218
5071	50.70	-3.152	-3.149	-3.169	-3.173	-3.146	-3.107	-3.094	-3.134	-3.221	-3.310
5081	50.80	-3.333	-3.231	-2.982	-2.619	-2.209	-1.824	-1.507	-1.257	-1.033	-0.786
5091	50.90	-0.496	-0.184	0.092	0.268	0.307	0.228	0.091	-0.026	-0.070	-0.038
5101	51.00	0.027	0.063	0.037	-0.035	-0.083	-0.019	0.215	0.606	1.069	1.475
5111	51.10	1.710	1.727	1.566	1.337	1.170	1.149	1.283	1.503	1.700	1.783
5121	51.20	1.718	1.538	1.316	1.124	0.992	0.894	0.765	0.547	0.219	-0.176
5131	51.30	-0.555	-0.822	-0.918	-0.841	-0.651	-0.438	-0.285	-0.239	-0.294	-0.404
5141	51.40	-0.509	-0.562	-0.546	-0.478	-0.396	-0.343	-0.350	-0.428	-0.568	-0.748
5151	51.50	-0.937	-1.104	-1.223	-1.278	-1.264	-1.189	-1.073	-0.941	-0.817	-0.720
5161	51.60	-0.662	-0.640	-0.646	-0.661	-0.661	-0.618	-0.507	-0.311	-0.034	0.301
5171	51.70	0.653	0.975	1.233	1.419	1.561	1.706	1.903	2.178	2.511	2.847
5181	51.80	3.109	3.236	3.207	3.050	2.836	2.644	2.529	2.500	2.520	2.530
5191	51.90	2.472	2.319	2.083	1.800	1.514	1.253	1.023	0.818	0.630	0.466
5201	52.00	0.347	0.298	0.331	0.429	0.553	0.653	0.691	0.662	0.595	0.537
5211	52.10	0.530	0.591	0.701	0.820	0.907	0.948	0.958	0.975	1.035	1.145
5221	52.20	1.274	1.357	1.325	1.138	0.801	0.371	-0.071	-0.450	-0.730	-0.922
5231	52.30	-1.077	-1.256	-1.495	-1.789	-2.089	-2.322	-2.426	-2.375	-2.196	-1.958
5241	52.40	-1.753	-1.659	-1.720	-1.925	-2.220	-2.524	-2.762	-2.880	-2.872	-2.768
5251	52.50	-2.625	-2.504	-2.445	-2.458	-2.520	-2.589	-2.626	-2.613	-2.561	-2.501
5261	52.60	-2.473	-2.498	-2.568	-2.645	-2.672	-2.603	-2.416	-2.129	-1.790	-1.457
5271	52.70	-1.174	-0.958	-0.792	-0.644	-0.479	-0.280	-0.053	0.185	0.412	0.618
5281	52.80	0.803	0.976	1.138	1.280	1.383	1.433	1.430	1.400	1.387	1.434
5291	52.90	1.562	1.756	1.966	2.125	2.179	2.109	1.938	1.720	1.510	1.347
5301	53.00	1.235	1.153	1.077	1.001	0.946	0.952	1.056	1.260	1.525	1.773
5311	53.10	1.924	1.926	1.778	1.535	1.281	1.092	1.004	1.003	1.035	1.042
5321	53.20	0.989	0.884	0.771	0.704	0.719	0.811	0.934	1.027	1.038	0.949
5331	53.30	0.783	0.569	0.418	0.302	0.238	0.201	0.157	0.084	-0.022	-0.142
5341	53.40	-0.255	-0.344	-0.412	-0.472	-0.541	-0.629	-0.732	-0.857	-0.931	-1.009
5351	53.50	-1.080	-1.158	-1.256	-1.368	-1.473	-1.535	-1.518	-1.406	-1.211	-0.972
5361	53.60	-0.745	-0.584	-0.525	-0.577	-0.724	-0.933	-1.168	-1.398	-1.605	-1.780
5371	53.70	-1.925	-2.045	-2.146	-2.240	-2.340	-2.462	-2.618	-2.808	-3.015	-3.205
5381	53.80	-3.328	-3.335	-3.189	-2.885	-2.456	-1.965	-1.493	-1.114	-0.877	-0.785
5391	53.90	-0.802	-0.865	-0.909	-0.890	-0.801	-0.670	-0.544	-0.467	-0.459	-0.507
5401	54.00	-0.573	-0.611	-0.590	-0.505	-0.376	-0.229	-0.079	0.089	0.316	0.651
5411	54.10	1.119	1.699	2.314	2.854	3.215	3.338	3.243	3.021	2.807	2.726
5421	54.20	2.840	3.127	3.491	3.795	3.924	3.823	3.521	3.111	2.716	2.436
5431	54.30	2.324	2.374	2.540	2.763	2.997	3.216	3.414	3.582	3.703	3.746
5441	54.40	3.683	3.503	3.226	2.899	2.581	2.312	2.099	1.908	1.679	1.354
5451	54.50	0.900	0.327	-0.315	-0.955	-1.519	-1.955	-2.238	-2.372	-2.378	-2.291
5461	54.60	-2.158	-2.028	-1.952	-1.968	-2.085	-2.275	-2.468	-2.576	-2.521	-2.268
5471	54.70	-1.846	-1.348	-0.894	-0.595	-0.506	-0.612	-0.834	-1.064	-1.212	-1.237
5481	54.80	-1.160	-1.042	-0.956	-0.945	-1.010	-1.104	-1.163	-1.128	-0.971	-0.705
5491	54.90	-0.376	-0.042	0.241	0.441	0.549	0.582	0.570	0.549	0.549	0.590

Table 7-32-12

TABLE OF CORRECTED ACCELERATION RECORD

NO.12

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.676	0.790	0.903	0.979	0.990	0.926	0.800	0.643	0.489	0.367
5511	55.10	0.283	0.224	0.165	0.089	-0.005	-0.092	-0.136	-0.101	0.027	0.232
5521	55.20	0.470	0.684	0.820	0.850	0.777	0.629	0.452	0.288	0.164	0.089
5531	55.30	0.052	0.032	0.007	-0.040	-0.113	-0.203	-0.297	-0.380	-0.441	-0.482
5541	55.40	-0.513	-0.549	-0.602	-0.677	-0.767	-0.862	-0.952	-1.040	-1.138	-1.266
5551	55.50	-1.434	-1.638	-1.853	-2.042	-2.171	-2.228	-2.227	-2.206	-2.208	-2.258
5561	55.60	-2.354	-2.466	-2.557	-2.597	-2.581	-2.522	-2.429	-2.294	-2.079	-1.735
5571	55.70	-1.231	-0.589	0.101	0.708	1.105	1.236	1.149	0.987	0.933	1.120
5581	55.80	1.568	2.156	2.675	2.916	2.775	2.306	1.706	1.229	1.068	1.264
5591	55.90	1.683	2.074	2.192	1.904	1.260	0.468	-0.200	-0.532	-0.466	-0.111
5601	56.00	0.312	0.577	0.551	0.248	-0.198	-0.605	-0.841	-0.876	-0.789	-0.712
5611	56.10	-0.761	-0.968	-1.279	-1.579	-1.759	-1.771	-1.645	-1.470	-1.342	-1.319
5621	56.20	-1.388	-1.481	-1.510	-1.412	-1.175	-0.840	-0.472	-0.129	0.162	0.409
5631	56.30	0.638	0.866	1.086	1.265	1.359	1.343	1.226	1.054	0.899	0.830
5641	56.40	0.893	1.096	1.407	1.772	2.126	2.412	2.590	2.643	2.575	2.409
5651	56.50	2.184	1.948	1.743	1.597	1.517	1.486	1.468	1.431	1.354	1.237
5661	56.60	1.102	0.978	0.886	0.828	0.786	0.734	0.652	0.538	0.412	0.300
5671	56.70	0.222	0.178	0.137	0.055	-0.109	-0.374	-0.722	-1.102	-1.454	-1.723
5681	56.80	-1.884	-1.945	-1.935	-1.888	-1.827	-1.755	-1.658	-1.519	-1.330	-1.101
5691	56.90	-0.851	-0.604	-0.375	-0.163	0.046	0.264	0.493	0.712	0.887	0.976
5701	57.00	0.953	0.817	0.596	0.343	0.111	-0.058	-0.150	-0.183	-0.190	-0.211
5711	57.10	-0.274	-0.384	-0.527	-0.672	-0.793	-0.873	-0.918	-0.948	-0.991	-1.070
5721	57.20	-1.193	-1.348	-1.505	-1.630	-1.690	-1.669	-1.573	-1.421	-1.241	-1.060
5731	57.30	-0.897	-0.759	-0.644	-0.546	-0.457	-0.375	-0.296	-0.215	-0.127	-0.023
5741	57.40	0.100	0.239	0.382	0.508	0.591	0.612	0.561	0.441	0.271	0.080
5751	57.50	-0.098	-0.227	-0.281	-0.244	-0.120	0.071	0.291	0.495	0.643	0.709
5761	57.60	0.692	0.612	0.500	0.383	0.269	0.150	0.002	-0.187	-0.410	-0.626
5771	57.70	-0.776	-0.804	-0.686	-0.444	-0.148	0.106	0.234	0.192	-0.009	-0.307
5781	57.80	-0.619	-0.869	-1.013	-1.044	-0.979	-0.845	-0.655	-0.411	-0.109	0.245
5791	57.90	0.624	0.985	1.278	1.472	1.565	1.587	1.587	1.612	1.689	1.817
5801	58.00	1.975	2.133	2.273	2.391	2.499	2.612	2.742	2.884	3.023	3.130
5811	58.10	3.173	3.122	2.957	2.675	2.298	1.879	1.499	1.243	1.180	1.328
5821	58.20	1.636	1.992	2.262	2.335	2.176	1.842	1.466	1.199	1.140	1.297
5831	58.30	1.569	1.799	1.838	1.615	1.168	0.623	0.134	-0.194	-0.350	-0.419
5841	58.40	-0.531	-0.792	-1.224	-1.754	-2.243	-2.559	-2.638	-2.514	-2.301	-2.134
5851	58.50	-2.110	-2.241	-2.465	-2.679	-2.805	-2.823	-2.778	-2.749	-2.802	-2.950
5861	58.60	-3.150	-3.322	-3.402	-3.367	-3.251	-3.119	-3.029	-3.002	-3.012	-3.008
5871	58.70	-2.949	-2.835	-2.703	-2.609	-2.584	-2.607	-2.605	-2.489	-2.202	-1.761
5881	58.80	-1.261	-0.835	-0.596	-0.575	-0.700	-0.827	-0.807	-0.566	-0.147	0.299
5891	58.90	0.576	0.530	0.126	-0.534	-1.250	-1.805	-2.055	-1.977	-1.670	-1.297
5901	59.00	-1.013	-0.897	-0.934	-1.044	-1.129	-1.129	-1.043	-0.918	-0.809	-0.743
5911	59.10	-0.700	-0.628	-0.474	-0.221	0.095	0.402	0.621	0.704	0.653	0.509
5921	59.20	0.330	0.156	-0.005	-0.176	-0.377	-0.603	-0.809	-0.920	-0.865	-0.613
5931	59.30	-0.192	0.321	0.825	1.243	1.549	1.773	1.977	2.219	2.522	2.860
5941	59.40	3.177	3.420	3.562	3.624	3.656	3.714	3.828	3.987	4.139	4.224
5951	59.50	4.195	4.043	3.802	3.529	3.283	3.103	2.994	2.939	2.902	2.855
5961	59.60	2.776	2.661	2.515	2.352	2.189	2.044	1.937	1.886	1.886	1.929
5971	59.70	1.978	1.991	1.928	1.773	1.541	1.272	1.019	0.831	0.726	0.693
5981	59.80	0.695	0.685	0.622	0.488	0.290	0.049	-0.207	-0.456	-0.683	-0.881
5991	59.90	-1.046	-1.177	-1.270	-1.327	-1.357	-1.370	-1.383	-1.407	-1.446	-1.500

Table 7-32-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-1.561	-1.624	-1.684	-1.742	-1.798	-1.853	-1.903	-1.947	-1.987	-2.033
6011	60.10	-2.096	-2.183	-2.281	-2.358	-2.365	-2.256	-1.999	-1.618	-1.174	-0.766
6021	60.20	-0.496	-0.433	-0.588	-0.908	-1.288	-1.613	-1.795	-1.800	-1.655	-1.435
6031	60.30	-1.223	-1.088	-1.060	-1.128	-1.262	-1.425	-1.597	-1.774	-1.961	-2.158
6041	60.40	-2.316	-2.491	-2.554	-2.512	-2.365	-2.141	-1.886	-1.639	-1.422	-1.232
6051	60.50	-1.050	-0.858	-0.656	-0.462	-0.301	-0.190	-0.113	-0.024	0.136	0.413
6061	60.60	0.809	1.272	1.709	2.022	2.150	2.095	1.927	1.748	1.653	1.690
6071	60.70	1.843	2.046	2.224	2.324	2.344	2.325	2.325	2.383	2.502	2.646
6081	60.80	2.770	2.841	2.860	2.860	2.878	2.934	3.013	3.075	3.082	3.023
6091	60.90	2.934	2.873	2.895	3.004	3.142	3.204	3.083	2.732	2.192	1.589
6101	61.00	1.079	0.783	0.728	0.827	0.921	0.049	0.521	-0.038	-0.703	-1.303
6111	61.10	-1.700	-1.846	-1.795	-1.668	-1.594	-1.645	-1.813	-2.022	-2.172	-2.197
6121	61.20	-2.090	-1.905	-1.727	-1.623	-1.618	-1.685	-1.769	-1.816	-1.806	-1.754
6131	61.30	-1.704	-1.699	-1.760	-1.876	-2.011	-2.122	-2.179	-2.181	-2.152	-2.127
6141	61.40	-2.139	-2.204	-2.314	-2.441	-2.543	-2.580	-2.521	-2.358	-2.106	-1.800
6151	61.50	-1.488	-1.214	-1.004	-0.857	-0.745	-0.626	-0.465	-0.246	0.011	0.261
6161	61.60	0.447	0.528	0.490	0.353	0.164	-0.026	-0.178	-0.276	-0.328	-0.355
6171	61.70	-0.378	-0.411	-0.459	-0.520	-0.591	-0.669	-0.750	-0.828	-0.895	-0.943
6181	61.80	-0.973	-0.996	-1.033	-1.101	-1.205	-1.331	-1.443	-1.503	-1.487	-1.400
6191	61.90	-1.276	-1.163	-1.102	-1.098	-1.118	-1.098	-0.976	-0.717	-0.340	0.087
6201	62.00	0.471	0.725	0.808	0.731	0.559	0.376	0.264	0.268	0.391	0.598
6211	62.10	0.836	1.050	1.202	1.282	1.301	1.292	1.298	1.359	1.501	1.725
6221	62.20	2.002	2.283	2.510	2.640	2.657	2.583	2.468	2.367	2.318	2.323
6231	62.30	2.351	2.354	2.287	2.136	1.917	1.672	1.468	1.271	1.143	1.042
6241	62.40	0.961	0.825	0.697	0.579	0.489	0.434	0.601	0.365	0.302	0.206
6251	62.50	0.091	-0.017	-0.097	-0.147	-0.188	-0.252	-0.361	-0.508	-0.656	-0.750
6261	62.60	-0.745	-0.625	-0.418	-0.179	0.033	0.191	0.305	0.424	0.603	0.872
6271	62.70	1.220	1.592	1.916	2.136	2.238	2.254	2.246	2.267	2.341	2.446
6281	62.80	2.534	2.554	2.488	2.362	2.235	2.173	2.212	2.336	2.483	2.565
6291	62.90	2.507	2.280	1.913	1.482	1.077	0.775	0.607	0.557	0.571	0.583
6301	63.00	0.538	0.410	0.202	-0.058	-0.335	-0.599	-0.833	-1.039	-1.230	-1.427
6311	63.10	-1.650	-1.912	-2.211	-2.532	-2.848	-3.127	-3.340	-3.471	-3.518	-3.498
6321	63.20	-3.441	-3.379	-3.335	-3.325	-3.367	-3.393	-3.450	-3.508	-3.563	-3.615
6331	63.30	-3.663	-3.699	-3.710	-3.676	-3.579	-3.410	-3.178	-2.909	-2.638	-2.404
6341	63.40	-2.227	-2.110	-2.029	-1.948	-1.833	-1.653	-1.446	-1.212	-1.001	-0.845
6351	63.50	-0.749	-0.691	-0.623	-0.495	-0.276	0.031	0.387	0.731	1.002	1.165
6361	63.60	1.218	1.196	1.151	1.129	1.159	1.243	1.362	1.491	1.611	1.712
6371	63.70	1.798	1.873	1.937	1.986	2.011	2.008	1.981	1.945	1.916	1.905
6381	63.80	1.913	1.931	1.948	1.956	1.957	1.961	1.976	2.001	2.020	2.010
6391	63.90	1.949	1.831	1.670	1.500	1.358	1.267	1.225	1.201	1.152	1.039
6401	64.00	0.845	0.589	0.313	0.069	-0.100	-0.178	-0.178	-0.133	-0.084	-0.063
6411	64.10	-0.083	-0.143	-0.225	-0.311	-0.384	-0.438	-0.471	-0.492	-0.512	-0.544
6421	64.20	-0.596	-0.666	-0.747	-0.823	-0.876	-0.901	-0.903	-0.906	-0.938	-1.018
6431	64.30	-1.144	-1.273	-1.354	-1.324	-1.143	-0.816	-0.397	0.025	0.360	0.542
6441	64.40	0.557	0.443	0.271	0.118	0.038	0.043	0.110	0.191	0.240	0.223
6451	64.50	0.131	-0.025	-0.223	-0.436	-0.635	-0.795	-0.891	-0.905	-0.832	-0.686
6461	64.60	-0.498	-0.308	-0.152	-0.044	0.023	0.076	0.142	0.232	0.331	0.400
6471	64.70	0.395	0.294	0.107	-0.117	-0.318	-0.444	-0.482	-0.461	-0.442	-0.483
6481	64.80	-0.611	-0.802	-0.992	-1.101	-1.071	-0.892	-0.606	-0.288	-0.009	0.194
6491	64.90	0.334	0.459	0.626	0.868	1.171	1.478	1.716	1.826	1.793	1.650

Table 7-32-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	1.466	1.315	1.247	1.273	1.363	1.471	1.549	1.570	1.526	1.425
6511	65.10	1.279	1.096	0.885	0.661	0.449	0.287	0.211	0.240	0.361	0.529
6521	65.20	0.683	0.768	0.756	0.659	0.517	0.375	0.262	0.174	0.080	-0.058
6531	65.30	-0.256	-0.492	-0.710	-0.842	-0.841	-0.702	-0.472	-0.221	-0.018	0.106
6541	65.40	0.166	0.213	0.299	0.450	0.645	0.823	0.918	0.889	0.744	0.535
6551	65.50	0.331	0.183	0.093	0.011	-0.134	-0.401	-0.798	-1.269	-1.715	-2.035
6561	65.60	-2.167	-2.116	-1.949	-1.769	-1.663	-1.679	-1.807	-1.995	-2.179	-2.307
6571	65.70	-2.360	-2.344	-2.279	-2.179	-2.049	-1.888	-1.705	-1.522	-1.378	-1.306
6581	65.80	-1.324	-1.415	-1.534	-1.626	-1.651	-1.604	-1.514	-1.430	-1.398	-1.431
6591	65.90	-1.507	-1.577	-1.589	-1.514	-1.357	-1.151	-0.941	-0.758	-0.610	-0.483
6601	66.00	-0.355	-0.215	-0.072	0.050	0.126	0.145	0.122	0.089	0.082	0.121
6611	66.10	0.201	0.295	0.372	0.414	0.425	0.429	0.453	0.513	0.600	0.690
6621	66.20	0.753	0.777	0.773	0.771	0.802	0.880	0.989	1.096	1.167	1.191
6631	66.30	1.189	1.207	1.288	1.446	1.646	1.816	1.873	1.770	1.516	1.184
6641	66.40	0.884	0.714	0.716	0.864	1.066	1.211	1.215	1.048	0.749	0.391
6651	66.50	0.055	-0.216	-0.419	-0.585	-0.753	-0.938	-1.122	-1.266	-1.328	-1.293
6661	66.60	-1.182	-1.043	-0.929	-0.873	-0.872	-0.889	-0.876	-0.795	-0.640	-0.437
6671	66.70	-0.231	-0.063	0.047	0.109	0.151	0.209	0.302	0.431	0.581	0.728
6681	66.80	0.855	0.957	1.041	1.113	1.177	1.224	1.244	1.225	1.172	1.103
6691	66.90	1.050	1.049	1.130	1.302	1.555	1.856	2.165	2.437	2.638	2.750
6701	67.00	2.773	2.723	2.632	2.534	2.458	2.424	2.433	2.476	2.531	2.578
6711	67.10	2.597	2.578	2.514	2.406	2.254	2.065	1.854	1.645	1.473	1.377
6721	67.20	1.384	1.498	1.694	1.919	2.106	2.193	2.143	1.956	1.663	1.318
6731	67.30	0.974	0.673	0.433	0.255	0.132	0.059	0.037	0.074	0.171	0.321
6741	67.40	0.499	0.669	0.794	0.847	0.823	0.729	0.594	0.445	0.303	0.177
6751	67.50	0.061	-0.055	-0.188	-0.350	-0.551	-0.796	-1.085	-1.409	-1.753	-2.092
6761	67.60	-2.393	-2.626	-2.769	-2.816	-2.784	-2.703	-2.611	-2.543	-2.516	-2.530
6771	67.70	-2.568	-2.608	-2.633	-2.637	-2.625	-2.613	-2.615	-2.636	-2.673	-2.711
6781	67.80	-2.736	-2.737	-2.710	-2.661	-2.601	-2.537	-2.474	-2.412	-2.350	-2.288
6791	67.90	-2.231	-2.187	-2.158	-2.141	-2.124	-2.089	-2.018	-1.906	-1.759	-1.601
6801	68.00	-1.459	-1.358	-1.305	-1.291	-1.292	-1.281	-1.240	-1.166	-1.073	-0.982
6811	68.10	-0.910	-0.863	-0.832	-0.800	-0.749	-0.676	-0.589	-0.509	-0.459	-0.453
6821	68.20	-0.489	-0.548	-0.604	-0.630	-0.616	-0.565	-0.493	-0.422	-0.369	-0.341
6831	68.30	-0.332	-0.330	-0.320	-0.297	-0.259	-0.214	-0.172	-0.139	-0.119	-0.105
6841	68.40	-0.091	-0.069	-0.037	0.003	0.044	0.079	0.114	0.121	0.135	0.154
6851	68.50	0.183	0.221	0.265	0.305	0.334	0.351	0.360	0.372	0.398	0.441
6861	68.60	0.496	0.548	0.582	0.584	0.552	0.497	0.433	0.377	0.338	0.315
6871	68.70	0.299	0.279	0.251	0.215	0.179	0.151	0.134	0.121	0.104	0.076
6881	68.80	0.036	-0.006	-0.040	-0.060	-0.069	-0.081	-0.109	-0.156	-0.204	-0.218
6891	68.90	-0.158	0.005	0.263	0.575	0.873	1.087	1.174	1.139	1.028	0.915
6901	69.00	0.868	0.925	1.081	1.294	1.512	1.693	1.823	1.916	2.000	2.096
6911	69.10	2.206	2.313	2.392	2.430	2.437	2.450	2.515	2.667	2.911	3.211
6921	69.20	3.503	3.708	3.766	3.653	3.390	3.038	2.676	2.384	2.210	2.162
6931	69.30	2.205	2.267	2.263	2.123	1.815	1.358	0.822	0.306	-0.090	-0.304
6941	69.40	-0.327	-0.211	-0.046	0.074	0.083	-0.033	-0.236	-0.458	-0.630	-0.710
6951	69.50	-0.697	-0.622	-0.539	-0.461	-0.430	-0.428	-0.435	-0.430	-0.406	-0.371
6961	69.60	-0.339	-0.322	-0.322	-0.329	-0.329	-0.315	-0.287	-0.253	-0.226	-0.213
6971	69.70	-0.213	-0.216	-0.211	-0.191	-0.160	-0.128	-0.105	-0.096	-0.100	-0.105
6981	69.80	-0.098	-0.073	-0.031	0.017	0.052	0.056	0.017	-0.073	-0.209	-0.382
6991	69.90	-0.572	-0.759	-0.924	-1.054	-1.148	-1.217	-1.284	-1.370	-1.491	-1.643

Table 7-32-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-1.811	-1.970	-2.098	-2.187	-2.242	-2.277	-2.302	-2.315	-2.303	-2.248
7011	70.10	-2.145	-2.015	-1.900	-1.848	-1.890	-2.014	-2.164	-2.251	-2.193	-1.947
7021	70.20	-1.539	-1.054	-0.611	-0.313	-0.209	-0.277	-0.436	-0.587	-0.649	-0.597
7031	70.30	-0.458	-0.295	-0.168	-0.107	-0.099	-0.100	-0.058	0.059	0.253	0.495
7041	70.40	0.744	0.964	1.141	1.280	1.398	1.515	1.643	1.788	1.952	2.135
7051	70.50	2.335	2.542	2.732	2.872	2.922	2.856	2.674	2.405	2.106	1.835
7061	70.60	1.635	1.515	1.453	1.407	1.334	1.214	1.050	0.869	0.702	0.569
7071	70.70	0.471	0.388	0.295	0.174	0.021	-0.149	-0.312	-0.443	-0.531	-0.576
7081	70.80	-0.589	-0.589	-0.591	-0.607	-0.641	-0.694	-0.758	-0.826	-0.888	-0.935
7091	70.90	-0.967	-0.990	-1.017	-1.060	-1.128	-1.214	-1.299	-1.355	-1.356	-1.291
7101	71.00	-1.169	-1.017	-0.869	-0.750	-0.669	-0.616	-0.569	-0.508	-0.428	-0.335
7111	71.10	-0.246	-0.175	-0.123	-0.076	-0.014	0.080	0.199	0.320	0.404	0.415
7121	71.20	0.339	0.185	-0.012	-0.208	-0.372	-0.488	-0.568	-0.632	-0.704	-0.794
7131	71.30	-0.897	-1.002	-1.099	-1.189	-1.281	-1.386	-1.508	-1.634	-1.737	-1.786
7141	71.40	-1.758	-1.654	-1.496	-1.324	-1.176	-1.076	-1.025	-1.006	-0.989	-0.952
7151	71.50	-0.884	-0.790	-0.686	-0.588	-0.502	-0.426	-0.353	-0.272	-0.184	-0.097
7161	71.60	-0.026	0.015	0.018	-0.011	-0.059	-0.105	-0.132	-0.126	-0.085	-0.012
7171	71.70	0.086	0.203	0.332	0.469	0.610	0.751	0.882	0.995	1.081	1.135
7181	71.80	1.154	1.145	1.115	1.078	1.045	1.028	1.032	1.056	1.092	1.130
7191	71.90	1.157	1.160	1.134	1.077	0.994	0.896	0.794	0.700	0.620	0.556
7201	72.00	0.505	0.459	0.410	0.353	0.284	0.207	0.129	0.057	-0.005	-0.056
7211	72.10	-0.102	-0.151	-0.212	-0.288	-0.378	-0.470	-0.550	-0.600	-0.607	-0.562
7221	72.20	-0.468	-0.331	-0.170	-0.005	0.140	0.244	0.296	0.291	0.237	0.151
7231	72.30	0.054	-0.037	-0.112	-0.167	-0.211	-0.252	-0.296	-0.341	-0.383	-0.409
7241	72.40	-0.414	-0.395	-0.360	-0.320	-0.288	-0.271	-0.268	-0.271	-0.273	-0.267
7251	72.50	-0.251	-0.231	-0.219	-0.227	-0.267	-0.344	-0.456	-0.592	-0.732	-0.851
7261	72.60	-0.923	-0.929	-0.861	-0.730	-0.562	-0.391	-0.249	-0.152	-0.096	-0.062
7271	72.70	-0.022	0.044	0.141	0.254	0.361	0.445	0.501	0.541	0.589	0.664
7281	72.80	0.770	0.891	1.002	1.081	1.123	1.146	1.181	1.259	1.386	1.539
7291	72.90	1.677	1.757	1.764	1.723	1.696	1.755	1.953	2.290	2.713	3.123
7301	73.00	3.423	3.545	3.484	3.292	3.061	2.881	2.810	2.855	2.979	3.119
7311	73.10	3.216	3.238	3.179	3.058	2.902	2.732	2.559	2.384	2.207	2.031
7321	73.20	1.864	1.716	1.587	1.472	1.359	1.234	1.091	0.934	0.776	0.628
7331	73.30	0.496	0.370	0.231	0.056	-0.171	-0.452	-0.769	-1.088	-1.372	-1.588
7341	73.40	-1.718	-1.763	-1.744	-1.691	-1.637	-1.611	-1.626	-1.680	-1.757	-1.837
7351	73.50	-1.901	-1.943	-1.965	-1.981	-2.007	-2.053	-2.116	-2.186	-2.247	-2.288
7361	73.60	-2.308	-2.321	-2.344	-2.391	-2.466	-2.559	-2.653	-2.731	-2.788	-2.832
7371	73.70	-2.882	-2.955	-3.057	-3.176	-3.284	-3.348	-3.345	-3.268	-3.134	-2.969
7381	73.80	-2.804	-2.661	-2.548	-2.461	-2.389	-2.320	-2.249	-2.174	-2.093	-2.006
7391	73.90	-1.912	-1.810	-1.706	-1.606	-1.521	-1.453	-1.398	-1.343	-1.268	-1.160
7401	74.00	-1.013	-0.835	-0.640	-0.441	-0.244	-0.047	0.157	0.370	0.583	0.780
7411	74.10	0.938	1.046	1.110	1.152	1.204	1.287	1.402	1.521	1.599	1.592
7421	74.20	1.476	1.258	0.974	0.675	0.404	0.183	0.008	-0.139	-0.275	-0.402
7431	74.30	-0.504	-0.556	-0.543	-0.465	-0.350	-0.239	-0.168	-0.156	-0.192	-0.245
7441	74.40	-0.277	-0.263	-0.200	-0.108	-0.017	0.045	0.071	0.071	0.068	0.082
7451	74.50	0.124	0.186	0.250	0.301	0.329	0.341	0.349	0.370	0.409	0.464
7461	74.60	0.521	0.567	0.596	0.611	0.625	0.649	0.689	0.742	0.795	0.835
7471	74.70	0.857	0.867	0.882	0.923	1.007	1.134	1.294	1.461	1.612	1.729
7481	74.80	1.811	1.873	1.937	2.025	2.146	2.293	2.445	2.574	2.660	2.694
7491	74.90	2.687	2.660	2.635	2.624	2.624	2.616	2.577	2.489	2.351	2.176

Table 7-32-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	1.990	1.819	1.679	1.569	1.478	1.388	1.285	1.167	1.039	0.911
7511	75.10	0.792	0.661	0.574	0.464	0.347	0.225	0.105	-0.010	-0.121	-0.232
7521	75.20	-0.349	-0.470	-0.585	-0.675	-0.727	-0.737	-0.722	-0.711	-0.734	-0.808
7531	75.30	-0.921	-1.042	-1.130	-1.160	-1.136	-1.099	-1.103	-1.195	-1.389	-1.651
7541	75.40	-1.915	-2.105	-2.166	-2.091	-1.917	-1.710	-1.535	-1.428	-1.392	-1.397
7551	75.50	-1.405	-1.386	-1.335	-1.262	-1.189	-1.130	-1.086	-1.050	-1.010	-0.964
7561	75.60	-0.914	-0.866	-0.822	-0.773	-0.705	-0.607	-0.481	-0.341	-0.213	-0.113
7571	75.70	-0.044	0.011	0.075	0.164	0.268	0.357	0.391	0.347	0.238	0.111
7581	75.80	0.031	0.046	0.162	0.335	0.492	0.572	0.555	0.484	0.442	0.505
7591	75.90	0.697	0.964	1.191	1.249	1.065	0.660	0.153	-0.285	-0.505	-0.445
7601	76.00	-0.157	0.218	0.512	0.611	0.496	0.247	0.001	-0.118	-0.054	0.165
7611	76.10	0.447	0.687	0.816	0.826	0.763	0.691	0.652	0.648	0.642	0.590
7621	76.20	0.469	0.293	0.107	-0.037	-0.109	-0.120	-0.110	-0.131	-0.213	-0.346
7631	76.30	-0.491	-0.594	-0.616	-0.556	-0.446	-0.338	-0.275	-0.274	-0.319	-0.373
7641	76.40	-0.402	-0.387	-0.339	-0.282	-0.246	-0.244	-0.270	-0.304	-0.322	-0.310
7651	76.50	-0.273	-0.227	-0.191	-0.180	-0.197	-0.233	-0.278	-0.325	-0.373	-0.424
7661	76.60	-0.481	-0.541	-0.599	-0.646	-0.680	-0.705	-0.729	-0.763	-0.811	-0.869
7671	76.70	-0.927	-0.975	-1.007	-1.029	-1.051	-1.088	-1.144	-1.214	-1.282	-1.328
7681	76.80	-1.333	-1.293	-1.214	-1.114	-1.014	-0.930	-0.867	-0.823	-0.790	-0.757
7691	76.90	-0.719	-0.672	-0.619	-0.563	-0.507	-0.454	-0.403	-0.355	-0.310	-0.268
7701	77.00	-0.229	-0.189	-0.144	-0.087	-0.010	0.092	0.219	0.370	0.534	0.698
7711	77.10	0.852	0.984	1.094	1.188	1.280	1.384	1.508	1.653	1.806	1.952
7721	77.20	2.077	2.176	2.261	2.350	2.465	2.614	2.790	2.963	3.098	3.166
7731	77.30	3.156	3.086	2.988	2.904	2.858	2.856	2.879	2.899	2.894	2.861
7741	77.40	2.817	2.791	2.803	2.850	2.902	2.912	2.833	2.642	2.349	1.997
7751	77.50	1.641	1.330	1.084	0.894	0.728	0.552	0.343	0.103	-0.149	-0.392
7761	77.60	-0.611	-0.809	-1.002	-1.209	-1.439	-1.685	-1.929	-2.154	-2.353	-2.538
7771	77.70	-2.729	-2.949	-3.205	-3.482	-3.747	-3.963	-4.101	-4.154	-4.139	-4.085
7781	77.80	-4.027	-3.988	-3.978	-3.998	-4.045	-4.112	-4.195	-4.283	-4.354	-4.377
7791	77.90	-4.323	-4.170	-3.924	-3.612	-3.283	-2.984	-2.746	-2.570	-2.435	-2.302
7801	78.00	-2.141	-1.942	-1.715	-1.485	-1.277	-1.098	-0.939	-0.779	-0.599	-0.391
7811	78.10	-0.168	0.051	0.246	0.412	0.563	0.722	0.914	1.143	1.393	1.632
7821	78.20	1.819	1.929	1.953	1.908	1.825	1.737	1.670	1.639	1.644	1.680
7831	78.30	1.730	1.775	1.787	1.739	1.611	1.404	1.144	0.885	0.696	0.638
7841	78.40	0.739	0.979	1.293	1.590	1.786	1.835	1.742	1.559	1.362	1.218
7851	78.50	1.163	1.188	1.254	1.311	1.323	1.280	1.201	1.117	1.057	1.033
7861	78.60	1.041	1.066	1.096	1.126	1.167	1.231	1.323	1.438	1.558	1.657
7871	78.70	1.720	1.747	1.753	1.766	1.810	1.898	2.021	2.151	2.252	2.292
7881	78.80	2.248	2.121	1.926	1.688	1.439	1.203	0.996	0.826	0.693	0.590
7891	78.90	0.513	0.458	0.420	0.397	0.387	0.381	0.372	0.348	0.304	0.238
7901	79.00	0.159	0.082	0.023	-0.009	-0.016	-0.017	-0.040	-0.114	-0.254	-0.458
7911	79.10	-0.697	-0.932	-1.119	-1.229	-1.258	-1.223	-1.158	-1.099	-1.071	-1.083
7921	79.20	-1.124	-1.177	-1.223	-1.252	-1.265	-1.271	-1.280	-1.300	-1.328	-1.361
7931	79.30	-1.391	-1.415	-1.432	-1.447	-1.464	-1.487	-1.514	-1.542	-1.566	-1.586
7941	79.40	-1.603	-1.622	-1.644	-1.670	-1.698	-1.723	-1.743	-1.759	-1.774	-1.794
7951	79.50	-1.821	-1.853	-1.884	-1.908	-1.922	-1.928	-1.935	-1.955	-1.994	-2.047
7961	79.60	-2.099	-2.126	-2.102	-2.013	-1.862	-1.670	-1.467	-1.285	-1.143	-1.042
7971	79.70	-0.966	-0.892	-0.798	-0.676	-0.535	-0.392	-0.266	-0.166	-0.084	0.004
7981	79.80	0.124	0.298	0.532	0.811	1.107	1.386	1.621	1.799	1.920	1.996
7991	79.90	2.043	2.075	2.103	2.135	2.179	2.239	2.319	2.417	2.525	2.631

Table 7-32-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	2.721	2.790	2.839	2.881	2.934	3.012	3.119	3.246	3.373	3.473
8011	80.10	3.522	3.505	3.419	3.272	3.081	2.869	2.658	2.471	2.323	2.220
8021	80.20	2.153	2.100	2.035	1.931	1.778	1.591	1.400	1.246	1.156	1.128
8031	80.30	1.126	1.087	0.949	0.672	0.260	-0.237	-0.742	-1.181	-1.507	-1.719
8041	80.40	-1.854	-1.963	-2.089	-2.243	-2.402	-2.528	-2.587	-2.573	-2.509	-2.440
8051	80.50	-2.409	-2.440	-2.523	-2.627	-2.716	-2.766	-2.779	-2.779	-2.797	-2.849
8061	80.60	-2.927	-3.002	-3.033	-2.992	-2.876	-2.708	-2.529	-2.380	-2.281	-2.230
8071	80.70	-2.202	-2.169	-2.107	-2.014	-1.902	-1.792	-1.701	-1.635	-1.584	-1.533
8081	80.80	-1.467	-1.382	-1.283	-1.182	-1.092	-1.019	-0.959	-0.903	-0.839	-0.760
8091	80.90	-0.668	-0.569	-0.475	-0.394	-0.329	-0.273	-0.217	-0.150	-0.063	0.045
8101	81.00	0.170	0.301	0.429	0.549	0.662	0.774	0.893	1.022	1.161	1.295
8111	81.10	1.408	1.483	1.511	1.495	1.449	1.397	1.359	1.348	1.365	1.398
8121	81.20	1.433	1.458	1.467	1.465	1.461	1.464	1.477	1.497	1.517	1.531
8131	81.30	1.537	1.541	1.548	1.562	1.582	1.600	1.605	1.589	1.551	1.497
8141	81.40	1.440	1.392	1.359	1.341	1.328	1.314	1.290	1.258	1.222	1.188
8151	81.50	1.160	1.138	1.119	1.098	1.072	1.041	1.008	0.978	0.953	0.931
8161	81.60	0.910	0.886	0.858	0.827	0.796	0.770	0.747	0.728	0.706	0.676
8171	81.70	0.636	0.587	0.532	0.477	0.426	0.382	0.343	0.306	0.268	0.227
8181	81.80	0.183	0.136	0.090	0.047	0.006	-0.033	-0.072	-0.113	-0.156	-0.201
8191	81.90	-0.247	-0.291	-0.332	-0.372	-0.410	-0.449	-0.492	-0.537	-0.583	-0.628
8201	82.00	-0.670	-0.708	-0.745	-0.783	-0.825	-0.872	-0.920	-0.966	-1.006	-1.041
8211	82.10	-1.074	-1.113	-1.162	-1.217	-1.269	-1.305	-1.309	-1.279	-1.223	-1.159
8221	82.20	-1.109	-1.088	-1.096	-1.120	-1.135	-1.123	-1.080	-1.023	-0.981	-0.986
8231	82.30	-1.055	-1.182	-1.339	-1.488	-1.599	-1.662	-1.692	-1.723	-1.784	-1.891
8241	82.40	-2.030	-2.165	-2.249	-2.249	-2.152	-1.976	-1.758	-1.541	-1.356	-1.216
8251	82.50	-1.113	-1.029	-0.946	-0.854	-0.748	-0.633	-0.513	-0.388	-0.260	-0.130
8261	82.60	-0.007	0.097	0.167	0.196	0.186	0.153	0.122	0.112	0.139	0.199
8271	82.70	0.280	0.363	0.431	0.478	0.508	0.531	0.559	0.598	0.647	0.702
8281	82.80	0.755	0.805	0.851	0.895	0.938	0.977	1.005	1.020	1.022	1.021
8291	82.90	1.032	1.075	1.161	1.292	1.453	1.620	1.762	1.857	1.893	1.875
8301	83.00	1.821	1.756	1.701	1.671	1.667	1.680	1.696	1.703	1.695	1.676
8311	83.10	1.653	1.638	1.639	1.655	1.678	1.694	1.685	1.636	1.543	1.410
8321	83.20	1.250	1.082	0.923	0.787	0.676	0.585	0.503	0.416	0.316	0.200
8331	83.30	0.072	-0.059	-0.182	-0.291	-0.385	-0.472	-0.562	-0.666	-0.789	-0.928
8341	83.40	-1.073	-1.206	-1.305	-1.357	-1.353	-1.299	-1.210	-1.109	-1.019	-0.956
8351	83.50	-0.926	-0.924	-0.936	-0.943	-0.931	-0.897	-0.845	-0.790	-0.747	-0.726
8361	83.60	-0.727	-0.738	-0.741	-0.717	-0.657	-0.564	-0.449	-0.333	-0.230	-0.146
8371	83.70	-0.077	-0.009	0.070	0.166	0.274	0.378	0.456	0.494	0.483	0.432
8381	83.80	0.357	0.277	0.212	0.169	0.149	0.143	0.139	0.122	0.082	0.010
8391	83.90	-0.094	-0.220	-0.353	-0.467	-0.535	-0.540	-0.472	-0.345	-0.185	-0.024
8401	84.00	0.107	0.196	0.248	0.285	0.332	0.408	0.510	0.622	0.713	0.757
8411	84.10	0.741	0.673	0.575	0.476	0.401	0.359	0.363	0.339	0.330	0.306
8421	84.20	0.268	0.225	0.186	0.156	0.134	0.112	0.078	0.026	-0.044	-0.127
8431	84.30	-0.215	-0.298	-0.373	-0.436	-0.491	-0.541	-0.591	-0.645	-0.708	-0.780
8441	84.40	-0.863	-0.949	-1.027	-1.083	-1.104	-1.083	-1.020	-0.929	-0.828	-0.736
8451	84.50	-0.668	-0.626	-0.605	-0.591	-0.572	-0.538	-0.488	-0.430	-0.372	-0.323
8461	84.60	-0.286	-0.259	-0.235	-0.203	-0.160	-0.107	-0.051	-0.001	0.037	0.062
8471	84.70	0.084	0.121	0.189	0.298	0.446	0.612	0.767	0.878	0.922	0.895
8481	84.80	0.812	0.704	0.605	0.540	0.518	0.526	0.539	0.530	0.479	0.384
8491	84.90	0.255	0.112	-0.028	-0.151	-0.258	-0.353	-0.445	-0.541	-0.638	-0.732

Table 7-32-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-0.812	-0.873	-0.910	-0.927	-0.930	-0.930	-0.936	-0.958	-1.000	-1.063
8511	85.10	-1.138	-1.213	-1.270	-1.290	-1.263	-1.185	-1.065	-0.920	-0.770	-0.629
8521	85.20	-0.506	-0.401	-0.310	-0.228	-0.158	-0.105	-0.075	-0.074	-0.098	-0.137
8531	85.30	-0.175	-0.198	-0.199	-0.180	-0.149	-0.121	-0.104	-0.101	-0.109	-0.118
8541	85.40	-0.121	-0.113	-0.096	-0.076	-0.060	-0.052	-0.051	-0.054	-0.056	-0.051
8551	85.50	-0.039	-0.023	-0.008	0.004	0.009	0.009	0.008	0.010	0.017	0.031
8561	85.60	0.048	0.064	0.075	0.078	0.073	0.066	0.064	0.076	0.106	0.156
8571	85.70	0.221	0.296	0.371	0.440	0.500	0.553	0.601	0.649	0.699	0.750
8581	85.80	0.802	0.855	0.908	0.963	1.019	1.077	1.134	1.185	1.232	1.275
8591	85.90	1.320	1.374	1.439	1.514	1.587	1.642	1.664	1.643	1.580	1.491
8601	86.00	1.395	1.315	1.264	1.242	1.234	1.221	1.187	1.128	1.057	1.002
8611	86.10	0.998	1.070	1.228	1.456	1.719	1.970	2.163	2.271	2.289	2.232
8621	86.20	2.134	2.026	1.936	1.872	1.833	1.806	1.780	1.751	1.721	1.695
8631	86.30	1.677	1.666	1.651	1.618	1.553	1.454	1.323	1.176	1.027	0.888
8641	86.40	0.766	0.658	0.558	0.459	0.357	0.253	0.146	0.038	-0.071	-0.185
8651	86.50	-0.301	-0.418	-0.530	-0.634	-0.728	-0.818	-0.915	-1.028	-1.165	-1.321
8661	86.60	-1.487	-1.650	-1.802	-1.943	-2.083	-2.235	-2.405	-2.589	-2.767	-2.910
8671	86.70	-2.992	-2.999	-2.937	-2.828	-2.708	-2.606	-2.543	-2.522	-2.529	-2.547
8681	86.80	-2.555	-2.545	-2.515	-2.471	-2.425	-2.385	-2.359	-2.346	-2.346	-2.351
8691	86.90	-2.352	-2.337	-2.296	-2.222	-2.113	-1.976	-1.820	-1.658	-1.499	-1.347
8701	87.00	-1.204	-1.069	-0.947	-0.846	-0.776	-0.765	-0.754	-0.794	-0.847	-0.893
8711	87.10	-0.918	-0.916	-0.893	-0.864	-0.839	-0.823	-0.813	-0.797	-0.767	-0.717
8721	87.20	-0.652	-0.584	-0.525	-0.480	-0.451	-0.429	-0.405	-0.370	-0.325	-0.274
8731	87.30	-0.223	-0.180	-0.144	-0.113	-0.082	-0.046	-0.004	0.041	0.086	0.127
8741	87.40	0.165	0.202	0.238	0.275	0.314	0.354	0.394	0.434	0.475	0.517
8751	87.50	0.557	0.594	0.628	0.659	0.694	0.740	0.803	0.884	0.976	1.070
8761	87.60	1.155	1.226	1.285	1.340	1.400	1.472	1.553	1.637	1.712	1.776
8771	87.70	1.829	1.883	1.947	2.027	2.117	2.206	2.280	2.333	2.372	2.414
8781	87.80	2.479	2.575	2.696	2.812	2.889	2.893	2.812	2.658	2.462	2.266
8791	87.90	2.102	1.982	1.901	1.837	1.768	1.682	1.577	1.465	1.355	1.255
8801	88.00	1.164	1.073	0.978	0.877	0.774	0.676	0.587	0.503	0.413	0.304
8811	88.10	0.170	0.013	-0.155	-0.318	-0.466	-0.597	-0.720	-0.849	-0.993	-1.151
8821	88.20	-1.310	-1.451	-1.556	-1.616	-1.638	-1.637	-1.633	-1.642	-1.672	-1.720
8831	88.30	-1.780	-1.843	-1.904	-1.959	-2.008	-2.052	-2.089	-2.123	-2.156	-2.196
8841	88.40	-2.251	-2.324	-2.406	-2.480	-2.523	-2.510	-2.431	-2.288	-2.104	-1.908
8851	88.50	-1.730	-1.589	-1.487	-1.412	-1.343	-1.262	-1.162	-1.042	-0.914	-0.789
8861	88.60	-0.676	-0.577	-0.486	-0.395	-0.297	-0.190	-0.075	0.043	0.159	0.269
8871	88.70	0.371	0.467	0.560	0.656	0.760	0.875	1.000	1.129	1.251	1.350
8881	88.80	1.416	1.441	1.427	1.388	1.340	1.302	1.285	1.294	1.320	1.353
8891	88.90	1.379	1.393	1.393	1.386	1.380	1.383	1.396	1.415	1.435	1.450
8901	89.00	1.458	1.458	1.456	1.457	1.465	1.480	1.499	1.517	1.530	1.534
8911	89.10	1.531	1.525	1.525	1.537	1.563	1.599	1.631	1.640	1.607	1.518
8921	89.20	1.374	1.189	0.989	0.803	0.655	0.550	0.478	0.412	0.325	0.199
8931	89.30	0.039	-0.132	-0.277	-0.360	-0.363	-0.292	-0.180	-0.070	-0.007	-0.015
8941	89.40	-0.091	-0.214	-0.349	-0.466	-0.549	-0.602	-0.642	-0.688	-0.751	-0.831
8951	89.50	-0.915	-0.991	-1.049	-1.094	-1.138	-1.197	-1.278	-1.376	-1.473	-1.544
8961	89.60	-1.567	-1.536	-1.458	-1.354	-1.248	-1.163	-1.104	-1.070	-1.049	-1.026
8971	89.70	-0.994	-0.952	-0.902	-0.852	-0.803	-0.758	-0.715	-0.673	-0.635	-0.605
8981	89.80	-0.586	-0.581	-0.587	-0.598	-0.607	-0.607	-0.598	-0.582	-0.564	-0.548
8991	89.90	-0.538	-0.532	-0.528	-0.522	-0.514	-0.504	-0.492	-0.481	-0.472	-0.463

Table 7-32-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	-0.454	-0.445	-0.436	-0.428	-0.420	-0.413	-0.404	-0.393	-0.380	-0.368
9011	90.10	-0.359	-0.353	-0.349	-0.345	-0.336	-0.323	-0.307	-0.291	-0.281	-0.278
9021	90.20	-0.279	-0.278	-0.271	-0.254	-0.233	-0.212	-0.201	-0.202	-0.210	-0.217
9031	90.30	-0.211	-0.188	-0.154	-0.121	-0.107	-0.124	-0.173	-0.242	-0.315	-0.374
9041	90.40	-0.413	-0.438	-0.463	-0.502	-0.563	-0.637	-0.702	-0.735	-0.714	-0.633
9051	90.50	-0.501	-0.336	-0.161	0.006	0.155	0.281	0.382	0.454	0.493	0.491
9061	90.60	0.451	0.382	0.301	0.228	0.177	0.155	0.154	0.160	0.158	0.142
9071	90.70	0.113	0.080	0.053	0.037	0.028	0.016	-0.009	-0.047	-0.090	-0.113
9081	90.80	-0.093	-0.010	0.138	0.335	0.553	0.758	0.926	1.051	1.141	1.217
9091	90.90	1.295	1.380	1.469	1.511	1.510	1.448	1.342	1.234	1.174	1.206
9101	91.00	1.348	1.580	1.853	2.097	2.254	2.294	2.224	2.083	1.926	1.801
9111	91.10	1.732	1.717	1.732	1.746	1.740	1.708	1.660	1.612	1.577	1.555
9121	91.20	1.538	1.517	1.486	1.448	1.414	1.392	1.383	1.376	1.353	1.296
9131	91.30	1.196	1.057	0.897	0.735	0.589	0.464	0.357	0.257	0.156	0.050
9141	91.40	-0.059	-0.169	-0.279	-0.391	-0.509	-0.633	-0.758	-0.875	-0.976	-1.060
9151	91.50	-1.139	-1.236	-1.374	-1.564	-1.797	-2.042	-2.258	-2.407	-2.471	-2.458
9161	91.60	-2.397	-2.330	-2.290	-2.292	-2.333	-2.393	-2.454	-2.504	-2.543	-2.574
9171	91.70	-2.602	-2.621	-2.616	-2.572	-2.480	-2.346	-2.190	-2.040	-1.920	-1.838
9181	91.80	-1.787	-1.746	-1.693	-1.616	-1.515	-1.404	-1.300	-1.214	-1.147	-1.088
9191	91.90	-1.024	-0.945	-0.851	-0.749	-0.651	-0.567	-0.497	-0.433	-0.364	-0.283
9201	92.00	-0.189	-0.089	0.006	0.089	0.158	0.221	0.289	0.372	0.472	0.581
9211	92.10	0.683	0.765	0.814	0.830	0.821	0.798	0.776	0.764	0.763	0.774
9221	92.20	0.791	0.812	0.835	0.862	0.898	0.943	0.998	1.062	1.129	1.194
9231	92.30	1.251	1.297	1.332	1.362	1.393	1.434	1.489	1.557	1.631	1.697
9241	92.40	1.739	1.745	1.711	1.644	1.556	1.464	1.383	1.320	1.273	1.236
9251	92.50	1.205	1.175	1.152	1.141	1.150	1.179	1.225	1.276	1.323	1.354
9261	92.60	1.365	1.353	1.315	1.251	1.159	1.042	0.906	0.765	0.636	0.532
9271	92.70	0.459	0.409	0.365	0.306	0.218	0.103	-0.027	-0.150	-0.246	-0.309
9281	92.80	-0.344	-0.365	-0.384	-0.401	-0.402	-0.369	-0.289	-0.174	-0.059	0.006
9291	92.90	-0.025	-0.172	-0.414	-0.694	-0.938	-1.080	-1.090	-0.985	-0.817	-0.654
9301	93.00	-0.551	-0.528	-0.569	-0.636	-0.685	-0.692	-0.656	-0.601	-0.556	-0.541
9311	93.10	-0.558	-0.591	-0.619	-0.624	-0.605	-0.571	-0.540	-0.525	-0.531	-0.549
9321	93.20	-0.565	-0.568	-0.555	-0.532	-0.510	-0.498	-0.500	-0.510	-0.519	-0.519
9331	93.30	-0.510	-0.494	-0.478	-0.469	-0.468	-0.472	-0.476	-0.476	-0.469	-0.457
9341	93.40	-0.446	-0.438	-0.436	-0.436	-0.437	-0.435	-0.430	-0.423	-0.415	-0.409
9351	93.50	-0.404	-0.402	-0.399	-0.397	-0.394	-0.390	-0.385	-0.380	-0.374	-0.368
9361	93.60	-0.364	-0.360	-0.359	-0.359	-0.358	-0.354	-0.346	-0.337	-0.329	-0.325
9371	93.70	-0.327	-0.331	-0.333	-0.330	-0.320	-0.306	-0.294	-0.290	-0.295	-0.305
9381	93.80	-0.313	-0.311	-0.297	-0.276	-0.257	-0.250	-0.261	-0.283	-0.303	-0.307
9391	93.90	-0.285	-0.243	-0.199	-0.178	-0.202	-0.278	-0.391	-0.510	-0.596	-0.617
9401	94.00	-0.561	-0.437	-0.278	-0.121	0.001	0.075	0.115	0.131	0.175
9411	94.10	0.251	0.348	0.448	0.530	0.584	0.614	0.638	0.678	0.745	0.840
9421	94.20	0.945	1.032	1.078	1.072	1.022	0.955	0.899	0.876	0.891	0.926
9431	94.30	0.958	0.963	0.935	0.890	0.851	0.843	0.872	0.923	0.965	0.968
9441	94.40	0.922	0.845	0.779	0.764	0.822	0.934	1.040	1.068	0.956	0.692
9451	94.50	0.317	-0.077	-0.389	-0.541	-0.513	-0.366	-0.125	0.059	0.144	0.118
9461	94.60	0.017	-0.096	-0.165	-0.163	-0.103	-0.023	0.031	0.034	-0.011	-0.076
9471	94.70	-0.126	-0.134	-0.100	-0.043	0.003	0.013	-0.020	-0.077	-0.129	-0.144
9481	94.80	-0.112	-0.046	0.019	0.041	-0.013	-0.151	-0.352	-0.569	-0.751	-0.859
9491	94.90	-0.876	-0.815	-0.712	-0.610	-0.541	-0.519	-0.535	-0.566	-0.587	-0.584

Table 7-32-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	-0.558	-0.523	-0.495	-0.487	-0.496	-0.512	-0.517	-0.503	-0.472	-0.439
9511	95.10	-0.419	-0.421	-0.441	-0.461	-0.463	-0.437	-0.388	-0.340	-0.321	-0.344
9521	95.20	-0.401	-0.457	-0.463	-0.380	-0.197	0.058	0.326	0.536	0.639	0.621
9531	95.30	0.514	0.378	0.280	0.261	0.329	0.455	0.594	0.703	0.764	0.785
9541	95.40	0.792	0.814	0.869	0.950	1.039	1.113	1.159	1.181	1.199	1.236
9551	95.50	1.305	1.401	1.499	1.567	1.573	1.503	1.365	1.185	1.000	0.840
9561	95.60	0.724	0.651	0.605	0.561	0.495	0.397	0.271	0.133	0.009	-0.078
9571	95.70	-0.114	-0.099	-0.049	0.012	0.059	0.073	0.051	0.000	-0.063	-0.121
9581	95.80	-0.162	-0.185	-0.196	-0.206	-0.224	-0.253	-0.289	-0.325	-0.357	-0.381
9591	95.90	-0.401	-0.421	-0.445	-0.475	-0.508	-0.540	-0.567	-0.589	-0.610	-0.634
9601	96.00	-0.663	-0.696	-0.729	-0.758	-0.781	-0.800	-0.821	-0.847	-0.881	-0.919
9611	96.10	-0.954	-0.981	-0.999	-1.012	-1.028	-1.056	-1.099	-1.150	-1.196	-1.223
9621	96.20	-1.220	-1.184	-1.122	-1.046	-0.976	-0.915	-0.867	-0.829	-0.796	-0.763
9631	96.30	-0.729	-0.694	-0.660	-0.624	-0.585	-0.539	-0.488	-0.438	-0.397	-0.374
9641	96.40	-0.371	-0.383	-0.401	-0.411	-0.409	-0.395	-0.378	-0.370	-0.376	-0.393
9651	96.50	-0.408	-0.402	-0.360	-0.279	-0.164	-0.032	0.101	0.221	0.327	0.423
9661	96.60	0.515	0.604	0.685	0.746	0.774	0.767	0.731	0.682	0.640	0.620
9671	96.70	0.626	0.651	0.681	0.702	0.709	0.702	0.690	0.682	0.685	0.698
9681	96.80	0.714	0.726	0.731	0.730	0.725	0.724	0.728	0.737	0.748	0.755
9691	96.90	0.758	0.758	0.758	0.761	0.767	0.774	0.781	0.784	0.784	0.785
9701	97.00	0.789	0.796	0.805	0.812	0.813	0.809	0.805	0.805	0.816	0.837
9711	97.10	0.858	0.866	0.846	0.791	0.702	0.592	0.478	0.376	0.297	0.238
9721	97.20	0.190	0.141	0.081	0.008	-0.073	-0.152	-0.223	-0.284	-0.339	-0.398
9731	97.30	-0.466	-0.544	-0.627	-0.703	-0.759	-0.787	-0.789	-0.775	-0.757	-0.750
9741	97.40	-0.761	-0.789	-0.825	-0.860	-0.886	-0.899	-0.904	-0.909	-0.922	-0.945
9751	97.50	-0.977	-1.010	-1.036	-1.051	-1.055	-1.057	-1.065	-1.088	-1.125	-1.170
9761	97.60	-1.209	-1.225	-1.207	-1.151	-1.063	-0.957	-0.848	-0.750	-0.670	-0.607
9771	97.70	-0.555	-0.507	-0.455	-0.395	-0.327	-0.254	-0.180	-0.110	-0.046	0.013
9781	97.80	0.069	0.125	0.185	0.253	0.327	0.404	0.478	0.541	0.589	0.619
9791	97.90	0.635	0.645	0.655	0.673	0.699	0.732	0.766	0.798	0.827	0.853
9801	98.00	0.880	0.911	0.945	0.979	1.010	1.034	1.054	1.076	1.104	1.144
9811	98.10	1.193	1.240	1.271	1.273	1.240	1.173	1.086	0.996	0.915	0.855
9821	98.20	0.815	0.787	0.760	0.725	0.679	0.625	0.569	0.517	0.472	0.434
9831	98.30	0.397	0.358	0.314	0.265	0.214	0.165	0.120	0.078	0.039	-0.002
9841	98.40	-0.045	-0.091	-0.139	-0.186	-0.232	-0.276	-0.317	-0.357	-0.398	-0.442
9851	98.50	-0.489	-0.537	-0.584	-0.629	-0.671	-0.710	-0.747	-0.787	-0.833	-0.884
9861	98.60	-0.939	-0.992	-1.035	-1.060	-1.062	-1.044	-1.010	-0.972	-0.940	-0.920
9871	98.70	-0.915	-0.920	-0.928	-0.931	-0.925	-0.910	-0.892	-0.876	-0.867	-0.866
9881	98.80	-0.869	-0.869	-0.864	-0.851	-0.834	-0.818	-0.808	-0.806	-0.809	-0.811
9891	98.90	-0.807	-0.792	-0.771	-0.751	-0.739	-0.741	-0.754	-0.766	-0.764	-0.733
9901	99.00	-0.667	-0.571	-0.457	-0.343	-0.243	-0.164	-0.101	-0.046	0.013	0.083
9911	99.10	0.163	0.247	0.329	0.402	0.467	0.530	0.596	0.670	0.751	0.833
9921	99.20	0.912	0.983	1.047	1.111	1.180	1.255	1.335	1.415	1.493	1.567
9931	99.30	1.638	1.710	1.780	1.838	1.870	1.865	1.819	1.745	1.668	1.616
9941	99.40	1.609	1.644	1.701	1.744	1.746	1.697	1.619	1.549	1.529	1.575
9951	99.50	1.671	1.764	1.790	1.701	1.492	1.205	0.920	0.722	0.663	0.744
9961	99.60	0.911	1.080	1.172	1.143	0.999	0.790	0.582	0.428	0.348	0.321
9971	99.70	0.309	0.271	0.189	0.069	-0.061	-0.173	-0.252	-0.303	-0.346	-0.405
9981	99.80	-0.491	-0.600	-0.713	-0.813	-0.888	-0.944	-0.997	-1.065	-1.155	-1.263
9991	99.90	-1.371	-1.463	-1.533	-1.586	-1.640	-1.713	-1.814	-1.934	-2.051	-2.141

Table 7-32-21

TABLE OF CORRECTED ACCELERATION RECORD NO.21

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10001	100.00	-2.183	-2.174	-2.126	-2.063	-2.005	-1.968	-1.952	-1.951	-1.955	-1.955
10011	100.10	-1.949	-1.939	-1.929	-1.920	-1.911	-1.900	-1.886	-1.873	-1.864	-1.862
10021	100.20	-1.865	-1.865	-1.857	-1.837	-1.810	-1.786	-1.778	-1.790	-1.816	-1.837
10031	100.30	-1.829	-1.773	-1.660	-1.502	-1.319	-1.138	-0.977	-0.839	-0.717	-0.599
10041	100.40	-0.478	-0.362	-0.268	-0.218	-0.225	-0.283	-0.366	-0.440	-0.468	-0.433
10051	100.50	-0.337	-0.202	-0.060	0.062	0.153	0.218	0.270	0.329	0.404	0.492
10061	100.60	0.586	0.674	0.749	0.815	0.878	0.948	1.028	1.116	1.205	1.286
10071	100.70	1.357	1.422	1.488	1.563	1.648	1.738	1.824	1.900	1.963	2.023
10081	100.80	2.090	2.173	2.273	2.377	2.464	2.514	2.515	2.471	2.400	2.328
10091	100.90	2.278	2.258	2.263	2.278	2.284	2.272	2.245	2.215	2.197	2.199
10101	101.00	2.211	2.216	2.188	2.110	1.979	1.812	1.637	1.482	1.364	1.281
10111	101.10	1.217	1.149	1.058	0.940	0.806	0.674	0.562	0.476	0.408	0.337
10121	101.20	0.243	0.118	-0.030	-0.177	-0.290	-0.347	-0.360	-0.281	-0.200	-0.130
10131	101.30	-0.097	-0.110	-0.162	-0.233	-0.302	-0.353	-0.384	-0.400	-0.413	-0.433
10141	101.40	-0.463	-0.500	-0.539	-0.574	-0.602	-0.626	-0.650	-0.678	-0.710	-0.744
10151	101.50	-0.777	-0.807	-0.834	-0.860	-0.888	-0.919	-0.952	-0.985	-1.015	-1.042
10161	101.60	-1.067	-1.094	-1.125	-1.160	-1.196	-1.228	-1.255	-1.276	-1.296	-1.323
10171	101.70	-1.360	-1.407	-1.453	-1.487	-1.495	-1.468	-1.409	-1.330	-1.248	-1.178
10181	101.80	-1.128	-1.098	-1.079	-1.059	-1.028	-0.986	-0.936	-0.886	-0.843	-0.809
10191	101.90	-0.781	-0.752	-0.718	-0.676	-0.629	-0.583	-0.542	-0.508	-0.478	-0.447
10201	102.00	-0.411	-0.369	-0.323	-0.277	-0.237	-0.203	-0.173	-0.142	-0.105	-0.062
10211	102.10	-0.015	0.031	0.071	0.105	0.135	0.165	0.201	0.243	0.291	0.340
10221	102.20	0.385	0.423	0.452	0.474	0.488	0.495	0.495	0.489	0.479	0.469
10231	102.30	0.467	0.475	0.493	0.517	0.537	0.548	0.546	0.538	0.531	0.533
10241	102.40	0.548	0.572	0.596	0.611	0.614	0.608	0.602	0.601	0.602	0.593
10251	102.50	0.554	0.473	0.351	0.209	0.082	0.005	-0.007	0.030	0.072	0.061
10261	102.60	-0.047	-0.264	-0.553	-0.843	-1.051	-1.116	-1.024	-0.813	-0.557	-0.337
10271	102.70	-0.208	-0.180	-0.219	-0.268	-0.273	-0.213	-0.100	0.027	0.124	0.170
10281	102.80	0.172	0.162	0.178	0.243	0.351	0.471	0.558	0.579	0.527	0.420
10291	102.90	0.299	0.200	0.143	0.125	0.121	0.106	0.063	-0.003	-0.073	-0.127
10301	103.00	-0.152	-0.155	-0.159	-0.186	-0.250	-0.340	-0.428	-0.477	-0.460	-0.370
10311	103.10	-0.224	-0.055	0.102	0.226	0.317	0.391	0.468	0.562	0.668	0.768
10321	103.20	0.835	0.852	0.816	0.744	0.661	0.597	0.566	0.568	0.589	0.609
10331	103.30	0.613	0.598	0.568	0.538	0.518	0.512	0.518	0.525	0.524	0.511
10341	103.40	0.489	0.465	0.447	0.441	0.444	0.451	0.452	0.441	0.415	0.377
10351	103.50	0.332	0.285	0.242	0.204	0.168	0.134	0.101	0.067	0.033	0.001
10361	103.60	-0.031	-0.064	-0.097	-0.132	-0.167	-0.202	-0.236	-0.268	-0.309	-0.332
10371	103.70	-0.365	-0.400	-0.436	-0.469	-0.501	-0.531	-0.562	-0.597	-0.637	-0.678
10381	103.80	-0.714	-0.735	-0.734	-0.710	-0.667	-0.617	-0.573	-0.544	-0.535	-0.538
10391	103.90	-0.544	-0.541	-0.525	-0.496	-0.463	-0.437	-0.424	-0.423	-0.426	-0.423
10401	104.00	-0.407	-0.378	-0.345	-0.318	-0.305	-0.304	-0.309	-0.308	-0.293	-0.262
10411	104.10	-0.225	-0.195	-0.181	-0.184	-0.194	-0.197	-0.182	-0.148	-0.103	-0.067
10421	104.20	-0.052	-0.061	-0.082	-0.094	-0.081	-0.037	0.022	0.073	0.090	0.068
10431	104.30	0.021	-0.016	-0.008	0.058	0.166	0.269	0.308	0.238	0.053	-0.210
10441	104.40	-0.479	-0.675	-0.745	-0.681	-0.521	-0.333	-0.184	-0.114	-0.124	-0.179
10451	104.50	-0.234	-0.250	-0.216	-0.146	-0.071	-0.020	-0.004	-0.016	-0.034	-0.055
10461	104.60	-0.009	0.039	0.092	0.132	0.151	0.152	0.148	0.155	0.178	0.216
10471	104.70	0.258	0.292	0.311	0.319	0.324	0.335	0.358	0.388	0.418	0.438
10481	104.80	0.445	0.441	0.436	0.438	0.452	0.476	0.502	0.523	0.534	0.536
10491	104.90	0.535	0.538	0.551	0.572	0.597	0.618	0.629	0.627	0.615	0.598

Table 7-32-22

TABLE OF CORRECTED ACCELERATION RECORD NO.22

INDEX NO. 1224 1302-GR-1-19 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 61.759 (GAL) T= 13.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10501	105.00	0.580	0.565	0.553	0.544	0.536	0.528	0.521	0.513	0.505	0.497
10511	105.10	0.488	0.477	0.467	0.458	0.450	0.443	0.435	0.426	0.414	0.401
10521	105.20	0.389	0.380	0.374	0.369	0.362	0.351	0.335	0.316	0.300	0.292
10531	105.30	0.293	0.304	0.319	0.334	0.346	0.357	0.367	0.380	0.396	0.412
10541	105.40	0.419	0.411	0.383	0.336	0.277	0.216	0.162	0.119	0.088	0.061
10551	105.50	0.034	0.002	-0.036	-0.077	-0.116	-0.153	-0.188	-0.221	-0.256	-0.293
10561	105.60	-0.332	-0.371	-0.407	-0.441	-0.474	-0.510	-0.549	-0.591	-0.633	-0.671
10571	105.70	-0.704	-0.733	-0.763	-0.800	-0.847	-0.900	-0.953	-0.992	-1.007	-0.992
10581	105.80	-0.951	-0.893	-0.832	-0.779	-0.744	-0.724	-0.715	-0.707	-0.694	-0.671
10591	105.90	-0.639	-0.605	-0.573	-0.549	-0.536	-0.530	-0.530	-0.531	-0.529	-0.523
10601	106.00	-0.514	-0.503	-0.493	-0.484	-0.477	-0.471	-0.465	-0.458	-0.449	-0.439
10611	106.10	-0.429	-0.420	-0.414	-0.409	-0.405	-0.398	-0.390	-0.379	-0.368	-0.360
10621	106.20	-0.354	-0.350	-0.347	-0.342	-0.334	-0.322	-0.311	-0.301	-0.295	-0.294
10631	106.30	-0.293	-0.290	-0.282	-0.269	-0.255	-0.243	-0.237	-0.238	-0.241	-0.242
10641	106.40	-0.235	-0.220	-0.200	-0.183	-0.174	-0.178	-0.191	-0.206	-0.210	-0.191
10651	106.50	-0.144	-0.065	0.041	0.166	0.301	0.439	0.571	0.691	0.790	0.861
10661	106.60	0.899	0.901	0.871	0.820	0.759	0.704	0.664	0.645	0.644	0.654
10671	106.70	0.664	0.666	0.656	0.635	0.608	0.583	0.567	0.562	0.565	0.569
10681	106.80	0.567	0.554	0.532	0.506	0.484	0.475	0.476	0.478	0.466	0.422
10691	106.90	0.341	0.229	0.108	0.011	-0.032	-0.005	0.085	0.213	0.339	0.426

Table 7-33-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	2.945	3.585	4.545	5.754	6.782	6.976	5.765	2.970	-1.009	-5.251
11	0.10	-8.604	-10.072	-9.145	-5.932	-1.069	4.524	9.893	14.207	16.796	17.130
21	0.20	14.847	9.897	2.748	-5.474	-13.064	-18.119	-19.137	-15.611	-8.347	0.698
31	0.30	9.026	14.465	15.912	13.660	9.152	4.303	0.704	-0.943	-0.914	-0.103
41	0.40	0.572	0.650	0.279	-0.031	0.146	0.780	1.321	1.003	-0.669	-3.510
51	0.50	-6.588	-8.564	-8.295	-5.395	-0.479	5.049	9.563	11.869	11.636	9.425
61	0.60	6.341	3.505	1.609	0.769	0.677	0.919	1.260	1.723	2.444	3.436
71	0.70	4.418	4.858	4.208	2.225	-0.835	-4.244	-7.080	-8.606	-8.554	-7.193
81	0.80	-5.131	-2.985	-1.098	0.543	2.162	3.913	5.638	6.835	6.855	5.257
91	0.90	2.120	-1.851	-5.521	-7.732	-7.765	-5.621	-2.017	1.919	5.103	6.885
101	1.00	7.232	6.602	5.623	4.720	3.894	2.752	0.771	-2.323	-6.261	-10.165
111	1.10	-12.782	-12.934	-10.017	-4.340	2.853	9.701	14.304	15.335	12.491	6.588
121	1.20	-0.705	-7.424	-11.918	-13.325	-11.732	-8.002	-3.365	1.041	4.497	6.781
131	1.30	8.011	8.365	7.840	6.200	3.126	-1.482	-7.226	-13.119	-17.759	-19.756
141	1.40	-18.246	-13.277	-5.895	2.143	8.929	13.037	13.962	12.198	8.921	5.438
151	1.50	2.638	0.708	-0.779	-2.456	-4.671	-7.170	-9.142	-9.613	-7.994	-4.477
161	1.60	-0.071	3.799	5.917	5.826	3.992	1.490	-0.621	-1.904	-2.757	-4.108
171	1.70	-6.708	-10.443	-14.075	-15.648	-13.426	-6.912	2.601	12.320	19.022	20.455
181	1.80	16.385	8.769	0.910	-4.008	-4.315	-0.504	5.154	9.799	11.361	9.422
191	1.90	5.167	0.547	-2.846	-4.524	-5.098	-5.581	-6.491	-7.342	-6.895	-4.031
201	2.00	1.264	7.455	11.901	12.070	6.887	-2.500	-13.010	-20.882	-23.283	-19.449
211	2.10	-10.819	-0.144	9.871	17.621	22.788	25.672	26.196	23.362	15.645	2.235
221	2.20	-15.603	-33.946	-47.038	-49.369	-38.153	-14.978	14.283	41.423	58.901	62.563
231	2.30	52.849	34.043	12.059	-8.057	-23.659	-34.481	-41.334	-44.525	-43.085	-35.340
241	2.40	-20.493	-0.183	21.078	37.144	42.707	35.816	19.079	-1.204	-17.700	-25.242
251	2.50	-23.015	-14.620	-6.014	-2.379	-5.532	-13.177	-20.325	-22.083	-16.303	-4.695
261	2.60	8.139	17.174	19.583	16.062	10.203	6.264	6.612	10.284	13.476	11.763
271	2.70	2.857	-11.596	-26.230	-34.209	-30.460	-14.333	9.657	33.415	48.484	49.449
281	2.80	36.008	12.864	-12.384	-32.310	-42.291	-41.647	-33.036	-20.644	-8.200	2.244
291	2.90	10.359	16.649	21.328	23.688	22.338	16.145	5.312	-8.069	-20.377	-27.649
301	3.00	-27.116	-18.386	-3.766	12.449	25.415	31.372	28.838	18.992	5.167	-8.305
311	3.10	-17.456	-19.827	-15.079	-4.968	7.257	17.807	23.409	22.180	14.127	1.133
321	3.20	-13.559	-26.240	-33.760	-34.387	-28.253	-17.244	-4.376	7.135	14.801	17.497
331	3.30	15.617	10.748	5.014	0.347	-2.066	-2.000	-0.053	2.757	5.442	7.394
341	3.40	8.502	9.021	9.300	9.494	9.413	8.579	6.493	2.980	-1.537	-5.992
351	3.50	-8.930	-9.026	-5.665	0.633	8.156	14.412	16.908	14.040	5.782	-6.130
361	3.60	-18.601	-28.082	-31.658	-27.966	-17.632	-3.095	12.080	24.182	30.288	28.945
371	3.70	20.440	6.680	-9.243	-23.697	-33.249	-35.415	-29.283	-15.861	1.997	20.174
381	3.80	34.289	40.902	38.515	28.046	12.535	-3.821	-17.001	-24.370	-25.331	-21.217
391	3.90	-14.525	-7.834	-2.888	-0.158	0.992	1.724	3.036	5.304	8.209	11.013
401	4.00	12.979	13.698	13.168	11.653	9.420	6.572	3.050	-1.184	-5.903	-10.469
411	4.10	-13.891	-15.096	-13.318	-8.467	-1.311	6.579	13.161	16.433	15.005	8.591
421	4.20	-1.756	-13.755	-24.403	-30.770	-30.887	-24.425	-12.891	0.776	13.120	21.292
431	4.30	23.944	21.546	15.989	9.653	4.366	0.719	-1.948	-4.902	-9.069	-14.255
441	4.40	-18.996	-21.118	-18.804	-11.631	-1.065	9.878	17.711	19.838	15.619	6.651
451	4.50	-3.846	-12.281	-16.049	-14.432	-8.717	-1.521	4.328	6.878	5.684	1.796
461	4.60	-2.824	-6.145	-6.823	-4.603	-0.277	4.722	8.876	11.088	10.977	8.900
471	4.70	5.749	2.607	0.379	-0.485	-0.108	0.897	1.680	1.508	0.093	-2.220
481	4.80	-4.517	-5.621	-4.560	-1.034	4.309	9.942	13.885	14.388	10.622	3.129
491	4.90	-6.181	-14.548	-19.237	-18.495	-12.236	-2.178	8.652	16.893	19.975	16.977

Table 7-33-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	8.913	-1.662	-11.563	-18.051	-19.679	-16.608	-10.339	-3.020	3.353	7.533
511	5.10	9.225	8.908	7.441	5.665	4.162	3.203	2.835	2.968	3.425	3.943
521	5.20	4.194	3.883	2.906	1.480	0.123	-0.559	-0.222	0.917	2.028	1.971
531	5.30	-0.139	-4.355	-9.634	-14.094	-15.744	-13.389	-7.281	0.869	8.434	13.156
541	5.40	13.953	11.454	7.622	4.728	4.168	5.698	7.501	7.096	2.675	-5.769
551	5.50	-16.080	-24.588	-27.518	-22.577	-10.044	7.105	24.103	35.967	39.132	32.554
561	5.60	17.936	-0.932	-19.400	-33.303	-39.989	-38.796	-30.927	-18.878	-5.643	6.059
571	5.70	14.353	18.462	18.640	15.846	11.296	6.051	0.786	-4.196	-8.759	-12.655
581	5.80	-15.358	-16.119	-14.242	-9.474	-2.288	6.087	13.956	19.657	22.079	20.967
591	5.90	16.922	11.097	4.779	-0.974	-5.493	-8.453	-9.728	-9.274	-7.143	-3.577
601	6.00	0.881	5.414	9.119	11.298	11.698	10.570	8.483	5.997	3.364	0.444
611	6.10	-3.103	-7.437	-12.192	-16.376	-18.630	-17.761	-13.309	-5.875	2.968	11.172
621	6.20	16.886	19.035	17.553	13.213	7.193	0.620	-5.683	-11.170	-15.362	-17.660
631	6.30	-17.366	-13.970	-7.563	0.869	9.500	16.135	18.976	17.342	12.023	5.059
641	6.40	-1.010	-4.143	-3.624	-0.360	3.482	5.368	3.458	-2.600	-11.453	-20.492
651	6.50	-26.774	-28.062	-23.588	-14.280	-2.412	9.145	17.783	21.819	20.779	15.302
661	6.60	6.770	-3.115	-12.670	-20.405	-25.084	-25.771	-21.951	-13.734	-2.047	11.305
671	6.70	23.855	32.968	36.516	33.496	24.384	11.045	-3.780	-17.236	-27.099	-32.238
681	6.80	-32.675	-29.269	-23.232	-15.712	-7.607	0.351	7.386	12.540	14.769	13.294
691	6.90	8.057	0.041	-8.776	-15.903	-19.130	-17.329	-10.930	-1.837	7.211	13.602
701	7.00	15.769	13.692	8.814	3.410	-0.304	-0.975	1.490	6.022	10.908	14.471
711	7.10	15.630	14.161	10.609	5.970	1.295	-2.594	-5.242	-6.540	-6.633	-5.821
721	7.20	-4.483	-3.020	-1.781	-0.977	-0.611	-0.487	-0.327	0.029	0.435	0.374
731	7.30	-0.876	-3.887	-8.645	-14.262	-19.018	-20.805	-17.869	-9.597	3.004	17.348
741	7.40	29.921	37.325	37.381	29.878	16.690	1.212	-12.683	-21.793	-24.450	-20.830
751	7.50	-12.659	-2.492	7.136	14.379	18.373	19.144	17.254	13.412	8.226	2.181
761	7.60	-4.206	-10.211	-14.860	-17.117	-16.268	-12.341	-6.342	-0.130	4.113	4.675
771	7.70	1.081	-5.513	-12.525	-16.775	-15.685	-8.392	3.684	17.120	27.604	31.484
781	7.80	27.178	15.857	1.099	-12.388	-20.472	-21.057	-14.720	-4.294	6.381	13.980
791	7.90	16.829	15.237	10.961	6.158	2.375	0.051	-1.315	-2.497	-3.847	-4.975
801	8.00	-5.003	-3.225	0.219	4.113	6.571	5.940	1.755	-4.781	-11.090	-14.247
811	8.10	-12.281	-5.154	5.065	14.959	21.134	21.597	16.533	8.151	-0.300	-5.890
821	8.20	-7.131	-4.403	0.440	5.020	7.470	7.107	4.482	0.904	-2.278	-4.249
831	8.30	-4.940	-4.839	-4.578	-4.562	-4.803	-5.018	-4.871	-4.200	-3.088	-1.772
841	8.40	-0.472	0.749	1.984	3.379	4.974	6.622	8.023	8.858	8.931	8.243
851	8.50	6.937	5.176	3.040	0.515	-2.388	-5.473	-8.261	-10.056	-10.186	-8.324
861	8.60	-4.731	-0.282	3.778	6.251	6.413	4.250	0.408	-4.100	-8.286	-11.481
871	8.70	-13.405	-14.022	-13.300	-11.056	-7.012	-1.051	6.465	14.521	21.575	25.990
881	8.80	26.625	23.311	16.986	9.387	2.405	-2.629	-5.404	-6.638	-7.626	-9.553
891	8.90	-12.880	-17.102	-20.993	-23.209	-22.962	-20.429	-16.698	-13.248	-11.226	-10.849
901	9.00	-11.240	-10.804	-7.993	-2.128	6.101	14.708	21.060	22.869	19.109	10.494
911	9.10	-0.707	-11.439	-18.927	-21.610	-19.580	-14.385	-8.296	-3.371	-0.690	-0.086
921	9.20	-0.411	-0.216	1.522	4.917	9.158	12.913	14.949	14.648	12.199	8.395
931	9.30	4.190	0.256	-3.210	-6.344	-9.257	-11.678	-12.878	-11.952	-8.364	-2.466
941	9.40	4.319	9.849	12.045	9.813	3.654	-4.350	-11.237	-14.303	-12.191	-5.459
951	9.50	3.635	12.035	17.101	17.587	14.002	8.210	2.518	-1.323	-2.762	-2.468
961	9.60	-1.801	-2.019	-3.625	-6.138	-8.362	-8.982	-7.177	-2.995	2.673	8.439
971	9.70	12.926	15.195	14.967	12.599	8.874	4.732	1.018	-1.690	-3.166	-3.524
981	9.80	-3.137	-2.476	-1.918	-1.595	-1.345	-0.824	0.258	1.887	3.629	4.741
991	9.90	4.515	2.699	-0.219	-3.065	-4.413	-3.231	0.533	5.759	10.489	12.709

Table 7-33-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	11.223	6.237	-0.659	-7.133	-11.089	-11.540	-8.958	-4.945	-1.382	0.505
1011	10.10	0.700	0.297	0.798	3.173	7.191	11.359	13.556	12.049	6.399	-2.196
1021	10.20	-11.306	-18.240	-21.136	-19.642	-14.934	-9.021	-3.781	-0.154	2.102	4.019
1031	10.30	6.630	10.214	13.990	16.405	15.890	11.691	4.353	-4.375	-12.172	-17.046
1041	10.40	-18.048	-15.536	-10.893	-5.864	-1.846	0.569	1.649	2.191	3.025	4.554
1051	10.50	6.528	8.079	8.002	5.163	-1.051	-10.338	-21.269	-31.363	-37.559	-37.076
1061	10.60	-28.476	-12.581	7.220	25.568	36.661	36.287	23.607	1.925	-22.054	-40.368
1071	10.70	-46.600	-38.280	-17.860	8.154	31.630	45.787	47.516	38.126	22.302	5.854
1081	10.80	-6.674	-13.493	-15.601	-15.557	-15.748	-17.098	-18.827	-19.279	-17.237	-12.946
1091	10.90	-8.214	-5.525	-6.629	-11.397	-17.577	-21.665	-20.494	-12.801	0.001	14.234
1101	11.00	25.401	30.032	27.139	18.661	8.727	2.065	2.206	10.172	24.129	40.081
1111	11.10	53.282	59.832	57.862	47.916	32.455	14.753	-2.329	-17.148	-29.331	-39.106
1121	11.20	-66.310	-49.681	-46.982	-36.078	-16.565	8.880	34.308	51.952	54.991	40.605
1131	11.30	11.884	-22.478	-50.911	-63.158	-54.229	-26.359	11.932	49.298	75.973	87.129
1141	11.40	83.737	70.772	53.912	36.616	19.157	-0.021	-21.589	-43.102	-58.844	-62.142
1151	11.50	-49.072	-21.456	12.722	42.119	56.883	53.146	34.761	11.195	-7.468	-15.850
1161	11.60	-16.025	-16.082	-25.085	-47.064	-77.361	-103.592	-111.120	-90.502	-43.123	18.014
1171	11.70	73.078	103.668	100.651	67.786	19.451	-26.317	-55.934	-65.528	-60.917	-52.683
1181	11.80	-49.247	-51.833	-54.039	-46.202	-22.053	16.130	56.922	84.356	85.586	57.741
1191	11.90	10.383	-37.878	-67.187	-65.038	-31.657	20.244	71.081	102.611	105.013	79.850
1201	12.00	38.089	-5.330	-37.558	-51.852	-48.300	-31.771	-8.814	14.705	34.392	46.914
1211	12.10	49.517	40.456	20.353	-6.416	-31.738	-45.914	-41.546	-17.452	19.518	56.142
1221	12.20	77.762	74.490	45.889	1.750	-41.620	-68.101	-68.451	-43.936	-5.283	32.442
1231	12.30	56.511	61.597	50.947	33.430	18.248	10.166	7.706	5.016	-3.859	-20.849
1241	12.40	-42.309	-60.959	-70.275	-68.811	-61.857	-59.207	-69.905	-96.607	-132.604	-163.424
1251	12.50	-172.645	-149.393	-94.011	-19.059	55.006	107.676	126.248	110.258	70.664	24.442
1261	12.60	-12.673	-31.915	-33.311	-23.276	-9.761	2.255	12.637	24.662	41.505	62.938
1271	12.70	84.314	98.487	99.617	86.674	64.589	42.270	28.384	27.098	35.960	47.072
1281	12.80	50.969	41.256	17.729	-13.489	-42.709	-60.858	-63.027	-49.845	-26.354	0.647
1291	12.90	25.259	43.866	54.957	58.032	52.723	38.880	17.568	-7.895	-31.944	-48.346
1301	13.00	-52.909	-45.970	-33.173	-23.719	-26.515	-45.840	-78.584	-114.527	-139.820	-142.335
1311	13.10	-116.655	-66.626	-4.402	53.561	91.934	101.285	80.585	36.883	-17.320	-67.781
1321	13.20	-102.062	-112.064	-95.256	-54.762	1.476	62.269	115.394	150.245	160.433	145.614
1331	13.30	111.759	69.486	30.730	4.759	-5.008	-2.104	4.580	4.624	-9.264	-37.607
1341	13.40	-73.130	-102.951	-113.375	-95.512	-49.532	14.273	78.288	123.395	135.715	111.705
1351	13.50	59.575	-3.603	-58.028	-88.127	-87.635	-60.861	-19.895	20.789	49.847	62.334
1361	13.60	59.622	46.572	27.874	5.721	-19.947	-49.043	-78.525	-101.359	-108.433	-92.906
1371	13.70	-54.804	-3.163	46.017	75.674	74.967	44.481	-3.408	-49.493	-75.909	-73.716
1381	13.80	-46.294	-7.013	27.526	45.167	42.924	26.575	5.734	-12.513	-27.595	-44.701
1391	13.90	-69.682	-102.728	-134.859	-150.012	-132.413	-75.821	10.314	101.654	167.372	182.920
1401	14.00	141.421	58.160	-34.392	-99.244	-109.839	-60.760	30.493	131.238	207.254	236.219
1411	14.10	215.230	159.676	94.684	43.585	18.693	18.156	29.497	37.384	31.549	11.185
1421	14.20	-15.749	-37.383	-44.175	-33.471	-10.462	14.537	30.859	32.006	17.967	-5.425
1431	14.30	-29.500	-46.660	-53.486	-51.877	-47.883	-48.819	-59.815	-81.178	-107.610	-129.726
1441	14.40	-137.453	-124.132	-89.735	-41.752	6.913	42.507	55.802	46.049	21.660	-2.960
1451	14.50	-13.349	-1.253	31.564	73.776	109.192	123.711	111.402	76.949	33.316	-4.245
1461	14.60	-24.989	-27.043	-17.318	-7.156	-6.012	-16.444	-32.964	-45.292	-44.260	-27.204
1471	14.70	0.083	25.946	38.761	33.025	12.392	-12.100	-27.850	-27.593	-13.736	2.358
1481	14.80	6.063	-12.518	-52.286	-99.949	-134.867	-137.907	-100.284	-28.190	59.004	136.224
1491	14.90	182.461	188.453	159.061	109.686	58.832	20.518	-0.107	-6.469	-6.569	-7.921

Table 7-33-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-14.164	-24.768	-37.262	-50.006	-63.447	-78.978	-96.295	-111.283	-116.341	-103.622
1511	15.10	-69.773	-19.509	34.389	75.361	89.997	74.328	36.165	-8.021	-40.455	-50.196
1521	15.20	-37.995	-15.363	1.777	1.710	-16.589	-42.487	-58.870	-50.941	-14.219	42.346
1531	15.30	99.810	137.613	142.829	115.772	69.306	22.327	-9.274	-19.667	-14.812	-8.203
1541	15.40	-13.007	-34.632	-67.488	-97.485	-108.947	-92.499	-50.054	5.408	55.308	83.269
1551	15.50	81.973	55.858	18.698	-12.671	-25.568	-16.515	7.900	34.424	69.143	63.441
1561	15.60	17.495	-19.957	-55.275	-75.352	-72.634	-47.778	-9.071	31.010	60.591	72.594
1571	15.70	66.700	48.425	25.891	5.852	-9.136	-21.107	-34.467	-52.356	-73.497	-91.370
1581	15.80	-96.429	-80.568	-41.807	13.215	70.439	113.125	128.248	111.720	70.051	17.625
1591	15.90	-29.184	-58.375	-66.274	-57.461	-41.031	-25.358	-14.161	-5.818	3.964	17.925
1601	16.00	34.105	45.858	45.242	28.019	-2.606	-35.950	-58.065	-58.432	-35.803	-0.003
1611	16.10	31.676	42.170	22.913	-21.331	-73.631	-111.788	-117.918	-86.345	-26.149	42.734
1621	16.20	97.952	123.727	116.314	83.742	40.505	0.261	-29.676	-49.507	-63.736	-75.902
1631	16.30	-84.605	-83.311	-64.175	-23.746	32.819	91.724	135.251	149.181	129.331	83.864
1641	16.40	30.060	-13.015	-32.483	-26.502	-3.841	21.336	36.637	36.926	25.542	11.041
1651	16.50	1.569	0.105	3.136	3.322	-5.564	-24.317	-47.130	-64.256	-67.043	-52.569
1661	16.60	-25.340	4.844	27.643	36.956	33.177	21.886	9.931	1.301	-4.799	-12.602
1671	16.70	-26.074	-45.155	-64.361	-74.800	-68.676	-43.855	-5.919	33.589	61.961	70.756
1681	16.80	59.128	33.457	3.703	-21.412	-37.788	-46.283	-50.230	-51.994	-50.879	-43.740
1691	16.90	-27.870	-4.190	21.536	40.628	45.779	35.330	14.860	-5.200	-15.013	-10.969
1701	17.00	1.729	11.366	6.083	-18.855	-56.867	-91.585	-103.861	-81.061	-24.072	51.698
1711	17.10	122.126	164.416	166.671	132.451	78.264	25.414	-9.667	-21.885	-17.852	-10.442
1721	17.20	-10.757	-21.848	-37.382	-45.707	-36.866	-8.690	31.304	69.122	90.840	89.044
1731	17.30	65.918	31.631	-0.868	-21.806	-28.294	-24.233	-16.968	-12.880	-14.394	-19.790
1741	17.40	-25.459	-28.845	-30.096	-31.412	-34.675	-39.069	-40.537	-33.762	-15.764	10.963
1751	17.50	37.908	53.413	47.957	19.332	-24.998	-69.880	-98.217	-98.022	-67.564	-16.242
1761	17.60	39.211	81.420	98.957	89.967	61.573	25.759	-6.119	-27.266	-36.885	-38.435
1771	17.70	-36.525	-34.202	-31.985	-28.772	-23.634	-17.107	-11.077	-7.362	-6.015	-4.616
1781	17.80	0.754	13.221	32.755	55.214	73.567	80.916	73.833	54.261	28.854	5.953
1791	17.90	-8.342	-12.989	-12.200	-12.873	-20.526	-35.883	-53.941	-66.136	-64.598	-46.382
1801	18.00	-15.509	18.291	43.606	52.216	42.508	19.819	-6.329	-26.672	-36.106	-35.243
1811	18.10	-29.058	-23.571	-22.424	-25.145	-27.890	-26.074	-17.345	-3.207	11.577	21.451
1821	18.20	23.004	16.786	7.001	-0.721	-2.288	2.760	11.123	17.608	17.975	11.249
1831	18.30	0.292	-9.613	-13.408	-8.717	3.090	17.699	29.985	36.314	35.831	30.209
1841	18.40	22.178	13.807	5.555	-3.402	-13.869	-25.219	-34.851	-38.978	-34.433	-20.577
1851	18.50	-0.224	20.999	36.687	42.161	36.271	21.658	3.385	-13.354	-25.330	-32.204
1861	18.60	-35.926	-39.048	-42.883	-46.511	-47.132	-41.560	-28.105	-7.847	15.332	36.025
1871	18.70	49.299	52.526	46.264	33.827	19.834	8.392	1.706	-0.351	0.334	1.325
1881	18.80	0.862	-1.428	-4.590	-7.020	-7.364	-5.178	-1.048	3.810	8.210	11.535
1891	18.90	13.856	15.607	17.013	17.661	16.509	12.420	4.984	-4.806	-14.470	-20.729
1901	19.00	-20.775	-13.602	-0.740	14.015	25.905	31.018	27.856	17.928	5.096	-6.066
1911	19.10	-12.142	-12.135	-7.584	-1.546	2.958	4.231	2.291	-1.733	-6.740	-12.560
1921	19.20	-20.015	-30.047	-42.414	-54.845	-63.307	-63.530	-53.120	-33.189	-8.505	14.144
1931	19.30	28.730	32.627	27.725	19.365	13.489	13.411	17.874	21.547	17.873	2.949
1941	19.40	-21.520	-47.864	-65.131	-63.773	-40.219	0.855	47.758	86.112	104.422	98.432
1951	19.50	72.393	36.791	3.726	-17.892	-25.186	-21.154	-11.951	-3.252	2.392	5.967
1961	19.60	10.255	17.219	25.977	32.886	33.440	25.076	9.190	-8.884	-22.107	-25.150
1971	19.70	-17.248	-2.938	9.820	13.353	4.068	-15.536	-37.655	-52.470	-52.439	-35.637
1981	19.80	-6.647	25.331	50.216	60.910	55.597	37.695	13.719	-9.732	-28.382	-41.115
1991	19.90	-49.129	-54.158	-56.866	-56.310	-50.672	-38.770	-21.423	-1.871	15.036	24.544

Table 7-33-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	23.797	12.954	-4.840	-24.530	-40.758	-49.368	-48.314	-37.859	-20.189	1.232
2011	20.10	22.373	39.325	48.990	49.758	42.025	28.296	12.669	-0.304	-7.048	-6.161
2021	20.20	1.154	11.676	21.545	27.857	29.738	28.437	26.402	25.848	27.536	30.377
2031	20.30	32.043	30.251	24.027	14.312	3.599	-5.187	-9.976	-10.375	-7.640	-3.907
2041	20.40	-1.133	-0.319	-1.382	-3.641	-6.538	-10.130	-15.033	-21.888	-30.670	-40.290
2051	20.50	-48.738	-53.707	-53.385	-47.025	-35.084	-18.982	-0.750	17.205	32.167	41.215
2061	20.60	41.655	31.910	12.618	-12.626	-37.522	-54.597	-57.697	-44.494	-17.866	14.680
2071	20.70	43.508	60.361	61.376	48.248	27.026	5.121	-12.011	-22.888	-29.785	-36.486
2081	20.80	-45.296	-55.001	-60.991	-57.586	-41.398	-13.923	18.143	45.286	59.147	56.348
2091	20.90	40.123	18.963	2.832	-1.262	7.752	24.875	41.716	50.613	48.155	36.459
2101	21.00	21.722	10.937	8.497	14.367	24.575	33.556	36.990	33.641	25.379	15.612
2111	21.10	7.182	0.995	-3.935	-9.198	-15.431	-21.556	-25.397	-25.330	-21.928	-18.440
2121	21.20	-19.554	-28.871	-46.370	-67.331	-83.547	-86.551	-71.477	-39.738	0.836	38.645
2131	21.30	62.667	66.636	51.244	23.498	-6.389	-29.094	-39.484	-37.840	-28.750	-18.456
2141	21.40	-12.018	-11.498	-15.729	-21.434	-24.918	-23.483	-16.106	-3.370	12.991	30.571
2151	21.50	46.635	58.430	63.649	61.091	51.286	36.664	20.978	7.999	0.006	-3.207
2161	21.60	-4.201	-6.538	-12.778	-22.796	-33.350	-39.276	-35.852	-21.264	2.052	27.927
2171	21.70	48.706	58.244	54.308	39.298	19.018	0.124	-12.512	-17.353	-16.063	-11.981
2181	21.80	-8.119	-5.769	-4.366	-2.485	0.687	4.422	6.581	4.788	-2.047	-12.767
2191	21.90	-24.200	-32.549	-35.265	-32.393	-26.622	-21.896	-21.259	-25.004	-30.179	-31.822
2201	22.00	-25.483	-9.850	11.843	32.475	43.706	39.614	19.743	-9.904	-38.543	-54.485
2211	22.10	-49.739	-23.459	17.257	59.657	89.935	98.350	82.857	49.775	11.268	-19.366
2221	22.20	-32.652	-26.179	-4.905	21.452	42.674	52.071	48.597	36.306	21.613	9.836
2231	22.30	2.703	-2.011	-8.645	-20.625	-37.858	-55.918	-67.555	-65.880	-47.752	-15.774
2241	22.40	22.126	55.410	74.817	75.765	59.833	33.771	6.562	-14.156	-24.760	-26.389
2251	22.50	-23.619	-21.828	-24.517	-31.758	-40.379	-45.666	-43.741	-33.497	-17.263	0.069
2261	22.60	13.023	17.755	13.549	2.982	-9.301	-18.627	-22.286	-20.585	-16.528	-14.232
2271	22.70	-16.797	-24.579	-34.682	-41.953	-41.124	-29.175	-6.884	21.162	48.146	67.527
2281	22.80	75.410	71.751	59.925	44.945	31.211	20.858	13.449	7.017	-0.165	-8.109
2291	22.90	-14.731	-16.809	-11.772	0.603	17.517	33.895	44.258	44.866	35.141	17.744
2301	23.00	-2.661	-21.350	-35.238	-43.645	-47.889	-50.066	-51.724	-53.077	-53.092	-50.271
2311	23.10	-43.652	-33.474	-21.217	-9.032	1.077	7.919	11.344	11.994	10.781	8.386
2321	23.20	5.008	0.452	-5.547	-12.925	-21.027	-28.580	-33.951	-35.607	-32.655	-25.270
2331	23.30	-14.837	-3.683	5.568	10.859	11.427	8.094	2.898	-1.798	-4.373	-4.646
2341	23.40	-3.821	-3.644	-5.153	-7.710	-8.913	-5.592	4.496	21.089	40.867	58.358
2351	23.50	68.044	66.746	55.105	37.371	19.492	6.386	-0.247	-2.449	-4.511	-10.213
2361	23.60	-20.204	-30.987	-36.183	-29.606	-8.687	23.491	58.689	86.493	98.480	91.664
2371	23.70	69.619	40.737	14.479	-2.588	-9.143	-8.810	-7.527	-10.026	-17.245	-25.973
2381	23.80	-30.824	-27.435	-15.192	2.002	17.320	24.199	19.498	5.041	-13.240	-28.139
2391	23.90	-34.580	-31.900	-23.929	-16.836	-15.870	-22.598	-34.006	-43.885	-45.796	-36.183
2401	24.00	-16.145	8.921	31.576	45.385	47.325	38.550	23.298	6.649	-7.688	-18.539
2411	24.10	-26.927	-34.634	-42.540	-49.706	-53.684	-51.873	-43.141	-28.833	-12.555	1.209
2421	24.20	9.019	10.014	6.314	2.075	1.605	7.405	18.983	32.986	44.556	49.340
2431	24.30	45.289	33.544	18.063	4.194	-3.232	-1.561	8.844	24.834	41.616	54.361
2441	24.40	59.700	56.623	46.518	32.415	17.740	5.072	-4.633	-12.082	-18.941	-26.708
2451	24.50	-35.658	-44.362	-50.039	-49.656	-41.355	-25.581	-5.382	14.332	28.341	32.899
2461	24.60	27.041	12.898	-5.094	-21.749	-32.830	-36.240	-32.322	-23.285	-12.125	-1.538
2471	24.70	6.747	12.075	14.555	14.619	12.724	9.308	4.905	0.226	-3.943	-7.029
2481	24.80	-8.998	-10.493	-12.631	-16.500	-22.564	-30.257	-38.009	-43.721	-45.520	-42.472
2491	24.90	-34.945	-24.487	-13.272	-3.370	3.885	8.183	10.136	10.875	11.537	12.846

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TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	14.891	17.149	18.689	18.490	15.798	10.430	2.981	-5.145	-12.057	-15.645
2511	25.10	-14.381	-7.793	3.196	16.374	28.797	37.648	41.118	38.970	32.576	24.386
2521	25.20	17.034	12.419	11.106	12.274	14.185	14.964	13.356	9.159	3.203	-3.081
2531	25.30	-8.265	-11.443	-12.467	-11.843	-10.397	-8.889	-7.760	-7.076	-6.660	-6.281
2541	25.40	-5.799	-5.186	-4.455	-3.567	-2.404	-0.845	1.104	3.195	4.937	5.720
2551	25.50	5.042	2.706	-1.076	-5.746	-10.588	-14.945	-18.378	-20.698	-21.878	-21.930
2561	25.60	-20.810	-18.415	-14.657	-9.575	-3.415	3.356	10.085	15.991	20.228	21.964
2571	25.70	20.508	15.528	7.312	-3.027	-13.548	-21.806	-25.482	-23.159	-14.942	-2.638
2581	25.80	10.678	21.600	27.523	27.525	22.617	15.245	8.244	3.677	2.064	2.330
2591	25.90	2.472	0.658	-3.768	-9.823	-15.174	-17.085	-13.592	-4.449	8.574	22.135
2601	26.00	32.361	36.078	31.810	20.231	3.955	-13.211	-27.301	-35.195	-35.341	-28.031
2611	26.10	-15.235	-0.044	14.093	24.176	28.306	26.049	18.438	7.641	-3.630	-12.804
2621	26.20	-18.068	-18.769	-15.520	-9.983	-4.388	-0.895	-0.963	-4.877	-11.596	-18.984
2631	26.30	-24.408	-25.562	-21.257	-11.920	0.409	12.630	21.518	24.759	21.696	13.532
2641	26.40	2.896	-7.053	-13.658	-15.563	-12.996	-7.493	-1.189	3.988	6.952	7.674
2651	26.50	6.988	6.084	5.948	6.945	8.713	10.364	10.911	9.726	6.882	3.204
2661	26.60	0.032	-1.264	0.177	4.304	10.077	15.778	19.623	20.438	18.121	13.665
2671	26.70	8.691	4.695	2.328	1.084	-0.417	-3.640	-9.187	-16.174	-22.287	-24.604
2681	26.80	-20.867	-10.664	4.058	19.445	31.029	35.367	31.317	20.416	6.202	-7.226
2691	26.90	-16.757	-21.282	-21.768	-20.444	-19.559	-20.313	-22.448	-24.627	-25.327	-23.738
2701	27.00	-20.207	-16.012	-12.629	-10.906	-10.604	-10.535	-9.234	-5.798	-0.441	5.509
2711	27.10	10.201	12.122	10.820	7.131	2.816	-0.190	-0.558	1.984	6.741	12.299
2721	27.20	17.503	21.462	23.821	24.508	23.451	20.460	15.396	8.525	0.838	-5.942
2731	27.30	-9.772	-9.005	-3.135	6.814	18.446	28.703	34.839	35.275	29.994	20.366
2741	27.40	8.518	-3.407	-13.804	-21.767	-26.908	-29.033	-27.954	-23.557	-16.113	-6.595
2751	27.50	3.226	11.086	14.866	13.345	6.730	-3.286	-13.992	-22.496	-26.603	-25.418
2761	27.60	-19.474	-10.392	-0.274	8.926	15.808	19.649	20.281	17.889	12.851	5.709
2771	27.70	-2.781	-11.619	-19.628	-25.672	-28.944	-29.228	-26.984	-23.215	-19.133	-15.747
2781	27.80	-13.514	-12.208	-11.044	-9.036	-5.442	-0.149	6.171	12.192	16.334	17.300
2791	27.90	14.560	8.611	0.889	-6.638	-12.068	-14.158	-12.674	-8.401	-2.799	2.547
2801	28.00	6.467	8.541	9.116	9.031	9.192	10.188	12.093	14.503	16.753	18.183
2811	28.10	18.325	16.961	14.064	9.724	4.121	-2.396	-9.203	-15.340	-19.608	-20.845
2821	28.20	-18.314	-12.046	-2.995	7.108	16.170	22.307	24.350	22.130	16.445	8.752
2831	28.30	0.705	-6.274	-11.264	-13.910	-14.334	-12.961	-10.377	-7.243	-4.260	-2.008
2841	28.40	-1.031	-1.500	-3.191	-5.465	-7.433	-8.242	-7.398	-4.973	-1.598	1.779
2851	28.50	4.276	5.426	5.349	4.654	4.136	4.402	5.625	7.521	9.564	11.296
2861	28.60	12.558	13.519	14.474	15.535	16.419	16.470	14.955	11.517	6.541	1.227
2871	28.70	-2.732	-3.761	-1.069	4.937	12.683	19.907	24.419	24.808	20.850	13.452
2881	28.80	4.221	-5.135	-13.311	-19.633	-23.964	-26.425	-27.117	-25.996	-22.972	-18.145
2891	28.90	-12.031	-5.631	-0.259	2.815	2.777	-0.433	-6.061	-12.761	-19.018	-23.623
2901	29.00	-26.044	-26.534	-25.959	-25.391	-25.627	-26.813	-28.349	-29.125	-28.019	-24.466
2911	29.10	-18.853	-12.525	-7.364	-5.051	-6.317	-10.491	-15.592	-18.973	-18.299	-12.472
2921	29.20	-2.122	10.557	22.567	31.164	34.790	33.522	28.878	23.120	18.368	15.896
2931	29.30	15.870	17.556	19.838	21.770	22.915	23.373	23.560	23.885	24.522	25.357
2941	29.40	26.095	26.442	26.238	25.489	24.307	22.815	21.083	19.134	16.991	14.735
2951	29.50	12.512	10.506	8.885	7.764	7.203	7.225	7.828	8.959	10.462	12.030
2961	29.60	13.214	13.522	12.564	10.214	6.675	2.423	-1.963	-6.009	-9.508	-12.539
2971	29.70	-15.363	-18.238	-21.259	-24.298	-27.061	-29.235	-30.613	-31.170	-31.020	-30.325
2981	29.80	-29.199	-27.678	-25.752	-23.434	-20.807	-18.002	-15.122	-12.171	-9.037	-5.592
2991	29.90	-1.842	1.929	5.147	7.092	7.195	5.335	2.002	-1.787	-4.826	-6.186

Table 7-33-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-5.610	-3.653	-1.481	-0.383	-1.213	-3.987	-7.634	-11.333	-13.100	-12.382
3011	30.10	-9.389	-5.224	-1.421	0.704	0.620	-1.191	-3.444	-4.603	-3.550	-0.082
3021	30.20	4.974	10.076	13.553	14.241	11.883	7.178	1.457	-3.810	-7.693	-9.062
3031	30.30	-8.577	-6.474	-3.302	0.458	4.623	8.217	11.385	13.402	13.809	12.438
3041	30.40	9.580	5.999	2.748	0.831	0.873	2.910	6.412	10.493	14.211	16.830
3051	30.50	17.940	17.448	15.478	12.302	8.328	4.143	0.529	-1.634	-1.597	0.960
3061	30.60	5.700	11.600	17.187	20.979	21.951	19.861	15.261	9.230	2.926	-2.818
3071	30.70	-7.677	-11.752	-15.271	-18.279	-20.478	-21.327	-20.339	-17.428	-13.110	-8.417
3081	30.80	-4.552	-2.416	-2.235	-3.465	-5.032	-5.833	-5.253	-3.488	-1.516	-0.699
3091	30.90	-2.195	-6.412	-12.738	-19.664	-25.275	-27.896	-26.666	-21.820	-14.574	-6.695
3101	31.00	0.085	4.573	6.372	5.829	3.755	1.053	-1.568	-3.694	-5.136	-5.756
3111	31.10	-5.339	-3.580	-0.220	4.741	10.874	17.293	22.811	26.241	26.745	24.089
3121	31.20	18.736	11.732	4.452	-1.728	-5.732	-6.984	-5.492	-1.801	3.147	8.230
3131	31.30	12.385	14.831	15.237	13.766	11.003	7.764	4.853	2.842	1.947	2.036
3141	31.40	2.741	3.658	4.400	4.882	5.107	5.186	5.201	5.120	4.757	3.799
3151	31.50	1.897	-1.203	-5.513	-10.684	-15.965	-20.295	-22.547	-21.883	-18.114	-11.929
3161	31.60	-4.837	1.193	4.351	3.632	-0.732	-7.247	-13.604	-17.437	-17.140	-12.417
3171	31.70	-4.359	4.944	13.108	18.185	19.157	16.069	9.838	1.876	-6.274	-13.199
3181	31.80	-17.760	-19.178	-17.153	-11.984	-4.643	3.329	10.151	14.293	14.962	12.372
3191	31.90	7.647	2.378	-1.979	-4.613	-5.544	-5.413	-5.029	-4.890	-4.961	-4.781
3201	32.00	-3.850	-2.040	0.206	2.004	2.455	1.118	-1.714	-5.084	-7.788	-8.911
3211	32.10	-8.227	-6.276	-4.074	-2.631	-2.504	-3.610	-5.352	-6.970	-7.912	-8.053
3221	32.20	-7.657	-7.159	-6.907	-7.005	-7.337	-7.699	-7.950	-8.059	-8.020	-7.702
3231	32.30	-6.756	-4.666	-0.958	4.519	11.395	18.763	25.393	30.073	31.949	30.728
3241	32.40	26.679	20.476	12.998	5.168	-2.104	-7.936	-11.498	-12.138	-9.584	-4.147
3251	32.50	3.211	11.017	17.659	21.848	23.024	21.505	18.325	14.823	12.128	11.781
3261	32.60	10.619	10.969	11.045	10.373	9.039	7.673	7.164	8.241	11.105	15.260
3271	32.70	19.632	22.915	24.019	22.428	18.344	12.558	6.123	-0.036	-5.395	-9.890
3281	32.80	-13.744	-17.169	-20.096	-22.087	-22.482	-20.735	-16.765	-11.173	-5.170	-0.251
3291	32.90	2.275	1.710	-1.845	-7.583	-14.315	-20.867	-26.369	-30.332	-32.545	-32.897
3301	33.00	-31.263	-27.559	-21.918	-14.883	-7.461	-0.939	3.491	5.156	4.188	1.501
3311	33.10	-1.526	-3.568	-3.829	-2.305	0.297	2.894	4.486	4.524	3.045	0.568
3321	33.20	-2.165	-4.472	-5.908	-6.296	-5.653	-4.087	-1.756	1.112	4.160	6.875
3331	33.30	8.640	8.879	7.246	3.768	-1.095	-6.528	-11.547	-15.238	-16.988	-16.639
3341	33.40	-14.537	-11.446	-8.368	-6.155	-5.421	-6.126	-7.634	-8.862	-8.637	-6.130
3351	33.50	-1.217	5.397	12.350	18.054	21.223	21.292	18.571	14.072	9.097	4.773
3361	33.60	1.725	0.007	-0.732	-0.950	-0.957	-0.821	-0.441	0.275	1.262	2.281
3371	33.70	3.031	3.325	3.207	2.940	2.836	3.051	3.445	3.619	3.121	1.737
3381	33.80	-0.296	-2.277	-3.274	-2.506	0.274	4.586	9.312	13.052	14.612	13.438
3391	33.90	9.831	4.859	0.020	-3.231	-3.928	-1.857	2.410	7.711	12.647	15.967
3401	34.00	16.891	15.285	11.647	6.931	2.256	-1.406	-3.475	-3.873	-2.979	-1.451
3411	34.10	0.011	0.869	0.861	-0.001	-1.515	-3.409	-5.426	-7.350	-8.979	-10.094
3421	34.20	-10.454	-9.840	-8.152	-5.477	-2.120	1.452	4.732	7.307	8.972	9.767
3431	34.30	9.833	9.509	9.029	8.560	8.173	7.875	7.656	7.505	7.407	7.305
3441	34.40	7.078	6.540	5.489	3.785	1.434	-1.361	-4.216	-6.644	-8.196	-8.613
3451	34.50	-7.946	-6.579	-5.140	-4.313	-4.584	-6.033	-8.242	-10.393	-11.535	-10.951
3461	34.60	-8.489	-4.659	-0.595	2.397	3.288	1.752	-1.666	-5.714	-8.879	-9.953
3471	34.70	-8.487	-4.948	-0.528	3.310	5.361	5.071	2.647	-1.116	-5.191	-8.669
3481	34.80	-10.978	-11.904	-11.475	-9.817	-7.082	-3.491	0.575	4.522	7.621	9.218
3491	34.90	8.997	7.167	4.437	1.790	0.104	-0.192	0.726	2.185	3.341	3.575

Table 7-33-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	2.763	1.322	-0.011	-0.522	0.160	1.919	4.225	6.360	7.671	7.726
3511	35.10	6.336	3.476	-0.786	-6.262	-12.533	-18.809	-23.914	-25.478	-25.337	-20.018
3521	35.20	-11.081	-0.152	10.445	18.350	21.900	20.642	15.442	8.133	0.875	-4.539
3531	35.30	-7.156	-6.972	-4.691	-1.295	2.360	5.770	8.755	11.276	13.220	14.309
3541	35.40	14.164	12.495	9.309	4.997	0.271	-4.049	-7.292	-9.120	-9.589	-9.050
3551	35.50	-7.975	-6.784	-5.742	-4.954	-4.426	-4.140	-4.088	-4.253	-4.563	-4.854
3561	35.60	-4.879	-4.386	-3.212	-1.374	0.915	3.294	5.376	6.869	7.671	7.879
3571	35.70	7.733	7.501	7.369	7.374	7.397	7.230	6.666	5.593	4.050	2.223
3581	35.80	0.399	-1.122	-2.112	-2.484	-2.319	-1.861	-1.469	-1.541	-2.418	-4.290
3591	35.90	-7.102	-10.512	-13.905	-16.496	-17.510	-16.406	-13.083	-7.986	-2.060	3.471
3601	36.00	7.436	9.073	8.264	5.575	2.054	-1.135	-3.113	-3.570	-2.812	-1.572
3611	36.10	-0.650	-0.548	-1.249	-2.236	-2.735	-2.066	0.043	3.325	7.066	10.378
3621	36.20	12.509	13.082	12.144	10.052	7.265	4.162	0.977	-2.135	-4.956	-7.096
3631	36.30	-8.004	-7.121	-4.135	0.784	6.890	12.966	17.632	19.736	18.704	14.724
3641	36.40	8.692	1.954	-4.071	-8.261	-10.049	-9.500	-7.218	-4.131	-1.216	0.743
3651	36.50	1.320	0.503	-1.353	-3.670	-5.826	-7.339	-7.987	-7.848	-7.237	-6.571
3661	36.60	-6.217	-6.371	-7.017	-7.973	-8.996	-9.888	-10.562	-11.025	-11.317	-11.425
3671	36.70	-11.248	-10.628	-9.441	-7.714	-5.678	-3.737	-2.333	-1.762	-2.024	-2.779
3681	36.80	-3.443	-3.403	-2.262	-0.016	2.915	5.823	7.963	8.833	8.357	6.902
3691	36.90	5.137	3.766	3.264	3.704	4.747	5.793	6.237	5.725	4.305	2.433
3701	37.00	0.813	0.147	0.867	2.973	6.006	9.191	11.677	12.808	12.318	10.393
3711	37.10	7.587	4.623	2.156	0.588	-0.020	0.088	0.497	0.783	0.657	0.026
3721	37.20	-1.010	-2.234	-3.382	-4.209	-4.517	-4.157	-3.042	-1.176	1.302	4.081
3731	37.30	6.690	8.585	9.301	8.626	6.722	4.134	1.647	0.063	-0.176	1.020
3741	37.40	3.166	5.467	7.092	7.492	6.604	4.862	3.610	1.797	1.686	2.688
3751	37.50	4.394	6.166	7.405	7.763	7.210	5.964	4.315	2.475	0.523	-1.518
3761	37.60	-3.531	-5.180	-5.905	-5.078	-2.285	2.410	8.328	14.259	18.775	20.649
3771	37.70	19.244	14.719	7.974	0.371	-6.658	-11.985	-15.008	-15.692	-14.441	-11.900
3781	37.80	-8.758	-5.622	-2.956	-1.082	-0.190	-0.342	-1.480	-3.435	-5.960	-8.784
3791	37.90	-11.654	-14.354	-16.684	-18.429	-19.331	-19.115	-17.574	-14.683	-10.684	-6.112
3801	38.00	-1.696	1.815	3.864	4.255	3.204	1.266	-0.834	-2.424	-3.047	-2.556
3811	38.10	-1.090	1.019	3.376	5.630	7.540	8.985	9.926	10.359	10.268	9.602
3821	38.20	8.273	6.198	3.346	-0.196	-4.192	-8.246	-11.855	-14.505	-15.790	-15.521
3831	38.30	-13.781	-10.921	-7.470	-4.008	-1.037	1.124	2.382	2.849	2.780	2.490
3841	38.40	2.263	2.288	2.619	3.172	3.754	4.135	4.131	3.695	2.957	2.200
3851	38.50	1.761	1.876	2.534	3.400	3.870	3.251	1.033	-2.863	-7.950	-13.237
3861	38.60	-17.489	-19.606	-19.001	-15.822	-10.940	-5.688	-1.431	0.859	0.907	-0.822
3871	38.70	-3.327	-5.445	-6.259	-5.377	-3.006	0.198	3.417	5.975	7.535	8.135
3881	38.80	8.061	7.658	7.157	6.608	5.918	4.981	3.789	2.482	1.304	0.497
3891	38.90	0.190	0.363	0.879	1.594	2.442	3.462	4.728	6.228	7.756	8.901
3901	39.00	9.175	8.229	6.075	3.201	0.492	-1.016	-0.488	2.401	7.311	13.308
3911	39.10	19.117	23.477	25.458	24.661	21.258	15.896	9.529	3.230	-1.978	-5.264
3921	39.20	-6.121	-4.470	-0.710	4.318	9.488	13.630	15.820	15.603	13.090	8.883
3931	39.30	3.867	-1.056	-5.187	-8.140	-9.830	-10.374	-9.978	-8.866	-7.267	-5.450
3941	39.40	-3.752	-2.551	-2.201	-2.919	-4.708	-7.327	-10.345	-13.246	-15.558	-16.951
3951	39.50	-17.281	-16.592	-15.070	-13.003	-10.728	-8.598	-6.915	-5.987	-5.876	-6.561
3961	39.60	-7.838	-9.368	-10.747	-11.595	-11.636	-10.757	-9.033	-6.714	-4.180	-1.865
3971	39.70	-0.172	0.625	0.452	-0.538	-2.003	-3.503	-4.637	-5.158	-5.042	-4.463
3981	39.80	-3.706	-3.034	-2.588	-2.355	-2.213	-2.030	-1.754	-1.444	-1.231	-1.212
3991	39.90	-1.359	-1.479	-1.273	-0.466	1.044	3.099	5.299	7.123	8.121	8.081

Table 7-33-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	7.113	5.614	4.132	3.184	3.106	3.970	5.598	7.626	9.609	11.103
4011	40.10	11.734	11.236	9.492	6.569	2.765	-1.499	-5.546	-8.753	-10.615	-10.893
4021	40.20	-9.697	-7.461	-4.832	-2.490	-0.981	-0.592	-1.321	-2.926	-5.024	-7.196
4031	40.30	-9.057	-10.276	-10.583	-9.768	-7.721	-4.505	-0.436	3.888	7.655	10.018
4041	40.40	10.352	8.514	4.980	0.807	-2.626	-4.028	-2.618	1.587	7.736	14.392
4051	40.50	19.980	23.292	23.845	21.982	18.678	15.143	12.385	10.895	10.574	10.903
4061	40.60	11.248	11.166	10.570	9.703	8.958	8.641	8.811	9.265	9.659	9.712
4071	40.70	9.362	8.800	8.375	8.392	8.936	9.731	10.458	10.433	9.330	7.093
4081	40.80	4.018	0.646	-2.425	-4.740	-6.108	-6.617	-6.540	-6.207	-5.890	-5.746
4091	40.90	-5.832	-6.147	-6.680	-7.417	-8.315	-9.272	-10.122	-10.679	-10.815	-10.543
4101	41.00	-10.048	-9.628	-9.565	-9.957	-10.610	-11.035	-10.597	-8.775	-5.435	-1.006
4111	41.10	3.545	6.954	8.068	6.279	1.814	-4.229	-10.162	-14.206	-15.060	-12.335
4121	41.20	-6.689	0.381	7.038	11.689	13.481	12.501	9.650	6.230	3.445	1.984
4131	41.30	1.851	2.487	3.104	3.071	2.196	0.782	-0.567	-1.161	-0.729	0.612
4141	41.40	2.288	3.514	3.587	2.150	-0.689	-4.412	-8.277	-11.559	-13.744	-14.630
4151	41.50	-14.321	-13.135	-11.495	-9.823	-8.468	-7.657	-7.476	-7.848	-8.544	-9.229
4161	41.60	-9.544	-9.216	-8.163	-6.539	-4.706	-3.119	-2.168	-2.034	-2.617	-3.567
4171	41.70	-4.406	-4.707	-4.238	-3.046	-1.432	0.166	1.318	1.747	1.401	0.438
4181	41.80	-0.847	-2.141	-3.209	-3.954	-4.395	-4.616	-4.677	-4.563	-4.180	-3.402
4191	41.90	-2.162	-0.538	1.225	2.758	3.697	3.838	3.252	2.310	1.578	1.614
4201	42.00	2.740	4.884	7.561	10.027	11.541	11.654	10.394	8.276	6.128	4.800
4211	42.10	4.855	6.383	8.974	11.874	14.243	15.414	15.069	13.289	10.468	7.169
4221	42.20	3.956	1.276	-0.609	-1.633	-1.903	-1.658	-1.210	-0.879	-0.913	-1.420
4231	42.30	-2.327	-3.401	-4.319	-4.784	-4.633	-3.907	-2.840	-1.768	-1.012	-0.751
4241	42.40	-0.970	-1.480	-2.014	-2.353	-2.432	-2.382	-2.486	-3.066	-4.341	-6.300
4251	42.50	-8.653	-10.865	-12.284	-12.334	-10.702	-7.475	-3.159	1.423	5.341	7.821
4261	42.60	8.460	7.345	5.007	2.245	-0.138	-1.572	-1.867	-1.214	-0.049	1.147
4271	42.70	2.028	2.486	2.628	2.673	2.817	3.132	3.542	3.877	3.967	3.720
4281	42.80	3.164	2.427	1.682	1.087	0.761	0.769	1.144	1.888	2.956	4.228
4291	42.90	5.489	6.448	6.798	6.324	4.990	2.987	0.698	-1.411	-2.935	-3.659
4301	43.00	-3.613	-3.036	-2.272	-1.633	-1.295	-1.263	-1.412	-1.573	-1.630	-1.578
4311	43.10	-1.521	-1.620	-2.016	-2.759	-3.782	-4.908	-5.911	-6.584	-6.807	-6.590
4321	43.20	-6.073	-5.483	-5.061	-4.959	-5.163	-5.450	-5.423	-4.628	-2.721	0.363
4331	43.30	4.308	8.438	11.885	13.845	13.858	11.986	8.824	5.318	2.460	0.957
4341	43.40	1.018	2.320	4.173	5.805	6.633	6.432	5.331	3.667	1.787	-0.106
4351	43.50	-1.983	-3.905	-5.871	-7.712	-9.084	-9.580	-8.911	-7.068	-4.374	-1.404
4361	43.60	1.205	2.964	3.674	3.455	2.651	1.681	0.892	0.491	0.545	1.033
4371	43.70	1.897	3.056	4.387	5.696	6.728	7.221	7.004	6.079	4.637	3.005
4381	43.80	1.513	0.375	-0.389	-0.917	-1.403	-1.960	-2.537	-2.933	-2.896	-2.271
4391	43.90	-1.099	0.374	1.796	2.853	3.403	3.513	3.393	3.261	3.213	3.172
4401	44.00	2.936	2.306	1.218	-0.196	-1.644	-2.797	-3.423	-3.477	-3.084	-2.450
4411	44.10	-1.739	-1.000	-0.185	0.766	1.806	2.719	3.166	2.806	1.488	-0.648
4421	44.20	-3.155	-5.412	-6.833	-7.072	-6.136	-4.356	-2.242	-0.289	1.185	2.094
4431	44.30	2.539	2.685	2.637	2.389	1.849	0.933	-0.321	-1.701	-2.847	-3.354
4441	44.40	-2.926	-1.509	0.657	3.070	5.099	6.166	5.917	4.336	1.765	-1.183
4451	44.50	-3.785	-5.403	-5.661	-4.537	-2.362	0.288	2.762	4.521	5.270	5.011
4461	44.60	3.999	2.625	1.284	0.259	-0.328	-0.508	-0.410	-0.195	-0.008	0.038
4471	44.70	-0.138	-0.592	-1.357	-2.418	-3.697	-5.050	-6.240	-7.081	-7.400	-7.146
4481	44.80	-6.402	-5.374	-4.344	-3.603	-3.387	-3.826	-4.922	-6.546	-8.455	-10.339
4491	44.90	-11.876	-12.775	-12.888	-12.203	-10.873	-9.180	-7.451	-5.977	-4.941	-4.379

Table 7-33-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-4.210	-4.285	-4.461	-4.650	-4.831	-5.021	-5.229	-5.416	-5.472	-5.268
4511	45.10	-4.682	-3.665	-2.275	-0.671	0.917	2.251	3.140	3.493	3.335	2.814
4521	45.20	2.164	1.665	1.572	2.052	3.131	4.677	6.423	8.049	9.275	9.963
4531	45.30	10.164	10.100	10.077	10.361	11.062	12.075	13.100	13.745	13.659	12.659
4541	45.40	10.797	8.349	5.726	3.362	1.595	0.603	0.379	0.769	1.529	2.391
4551	45.50	3.113	3.514	3.482	2.979	2.028	0.701	-0.894	-2.621	-4.317	-5.792
4561	45.60	-6.835	-7.234	-6.826	-5.558	-3.547	-1.108	1.280	3.079	3.847	3.389
4571	45.70	1.853	-0.275	-2.306	-3.554	-3.564	-2.259	0.027	2.667	4.948	6.304
4581	45.80	6.480	5.582	3.999	2.243	0.775	-0.125	-0.399	-0.165	0.368	0.999
4591	45.90	1.595	2.106	2.547	2.958	3.378	3.821	4.276	4.706	5.045	5.203
4601	46.00	5.077	4.586	3.708	2.511	1.166	-0.092	-1.029	-1.492	-1.466	-1.084
4611	46.10	-0.579	-0.193	-0.090	-0.303	-0.744	-1.265	-1.739	-2.124	-2.467	-2.859
4621	46.20	-3.364	-3.958	-4.521	-4.896	-4.978	-4.802	-4.566	-4.579	-5.135	-6.374
4631	46.30	-8.184	-10.197	-11.890	-12.758	-12.491	-11.097	-8.909	-6.462	-4.420	-3.181
4641	46.40	-2.946	-3.574	-4.670	-5.719	-6.248	-5.963	-4.812	-2.968	-0.753	1.482
4651	46.50	3.463	5.053	6.253	7.146	7.807	8.239	8.344	7.967	6.990	5.431
4661	46.60	3.504	1.604	0.189	-0.376	0.033	1.223	2.742	4.033	4.649	4.423
4671	46.70	3.536	2.435	1.652	1.582	2.327	3.667	5.159	6.324	6.830	6.597
4681	46.80	5.795	4.736	3.738	3.017	2.653	2.628	2.890	3.404	4.154	5.087
4691	46.90	6.064	6.844	7.136	6.711	5.523	3.777	1.896	0.399	-0.281	0.045
4701	47.00	1.249	2.923	4.521	5.528	5.615	4.711	2.995	0.823	-1.373	-3.167
4711	47.10	-4.212	-4.282	-3.306	-1.401	1.122	3.795	6.070	7.661	7.676	6.713
4721	47.20	4.871	2.649	0.590	-0.902	-1.668	-1.815	-1.624	-1.406	-1.371	-1.565
4731	47.30	-1.891	-2.209	-2.433	-2.595	-2.829	-3.290	-4.053	-5.051	-6.084	-6.895
4741	47.40	-7.288	-7.218	-6.817	-6.340	-6.068	-6.197	-6.790	-7.781	-9.038	-10.437
4751	47.50	-11.897	-13.366	-14.762	-15.912	-16.547	-16.361	-15.137	-12.878	-9.875	-6.681
4761	47.60	-3.961	-2.284	-1.924	-2.760	-4.316	-5.921	-6.947	-7.011	-6.086	-4.465
4771	47.70	-2.617	-0.993	0.132	0.728	0.969	1.123	1.411	1.924	2.601	3.286
4781	47.80	3.608	4.058	4.023	3.763	3.365	2.896	2.381	1.823	1.229	0.651
4791	47.90	0.186	-0.046	0.049	0.495	1.228	2.100	2.923	3.511	3.721	3.478
4801	48.00	2.778	1.690	0.350	-1.049	-2.271	-3.082	-3.303	-2.875	-1.895	-0.615
4811	48.10	0.633	1.535	1.915	1.804	1.433	1.146	1.269	1.977	3.222	4.759
4821	48.20	6.241	7.352	7.921	7.956	7.603	7.054	6.449	5.830	5.160	4.396
4831	48.30	3.574	2.841	2.424	2.533	3.244	4.428	5.753	6.782	7.125	6.586
4841	48.40	5.242	3.429	1.627	0.300	-0.257	0.001	0.863	1.958	2.884	3.338
4851	48.50	3.199	2.542	1.583	0.582	-0.251	-0.831	-1.213	-1.548	-2.004	-2.685
4861	48.60	-3.566	-4.502	-5.276	-5.692	-5.662	-5.245	-4.634	-4.067	-3.735	-3.700
4871	48.70	-3.873	-4.063	-4.066	-3.756	-3.131	-2.308	-1.456	-0.734	-0.248	-0.052
4881	48.80	-0.187	-0.705	-1.662	-3.055	-4.750	-6.439	-7.677	-8.019	-7.202	-5.296
4891	48.90	-2.741	-0.228	1.536	2.102	1.452	-0.002	-1.600	-2.722	-3.044	-2.648
4901	49.00	-1.925	-1.335	-1.125	-1.165	-0.979	0.027	2.257	5.678	9.749	13.589
4911	49.10	16.296	17.285	16.514	14.483	12.029	10.010	8.998	9.116	10.057	11.250
4921	49.20	12.028	12.184	11.372	9.795	7.765	5.642	3.740	2.268	1.323	0.904
4931	49.30	0.937	1.294	1.817	2.334	2.685	2.740	2.420	1.707	0.644	-0.655
4941	49.40	-2.010	-3.184	-3.916	-3.982	-3.273	-1.866	-0.053	1.704	2.891	3.100
4951	49.50	2.175	0.285	-2.121	-4.456	-6.189	-7.023	-6.982	-6.375	-5.668	-5.310
4961	49.60	-5.581	-6.525	-7.961	-9.580	-11.046	-12.084	-12.530	-12.323	-11.498	-10.167
4971	49.70	-8.507	-6.758	-5.196	-4.087	-3.617	-3.828	-4.594	-5.643	-6.637	-7.273
4981	49.80	-7.378	-6.949	-6.134	-5.158	-4.234	-3.484	-2.915	-2.437	-1.923	-1.276
4991	49.90	-0.478	0.406	1.245	1.884	2.194	2.103	1.613	0.803	-0.182	-1.142

Table 7-33-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.852	-2.092	-1.699	-0.614	1.074	3.119	5.146	6.732	7.506	7.259
5011	50.10	6.019	4.058	1.840	-0.107	-1.324	-1.550	-0.782	0.735	2.593	4.374
5021	50.20	5.721	6.479	6.676	6.489	6.150	5.858	5.719	5.732	5.831	5.941
5031	50.30	6.036	6.160	6.405	6.856	7.528	8.311	8.981	9.247	8.850	7.669
5041	50.40	5.797	3.557	1.434	-0.049	-0.487	0.271	2.069	4.471	6.893	8.764
5051	50.50	9.689	9.535	8.433	6.684	4.636	2.569	0.641	-1.090	-2.602	-3.835
5061	50.60	-4.667	-4.956	-4.622	-3.738	-2.566	-1.509	-0.988	-1.294	-2.476	-4.314
5071	50.70	-6.397	-8.267	-9.569	-10.149	-10.054	-9.470	-8.607	-7.623	-6.596	-5.582
5081	50.80	-4.569	-3.727	-3.192	-3.112	-3.550	-4.433	-5.562	-6.680	-7.563	-8.094
5091	50.90	-8.284	-8.225	-8.021	-7.721	-7.306	-6.724	-5.959	-5.079	-4.239	-3.628
5101	51.00	-3.384	-3.533	-3.972	-4.527	-5.034	-5.423	-5.730	-6.060	-6.498	-7.031
5111	51.10	-7.533	-7.805	-7.681	-7.112	-6.202	-5.160	-4.196	-3.412	-2.748	-2.017
5121	51.20	-1.012	0.363	2.016	3.670	4.969	5.617	5.499	4.727	3.586	2.411
5131	51.30	1.467	0.866	0.576	0.480	0.475	0.529	0.687	1.033	1.614	2.399
5141	51.40	3.271	4.070	4.657	4.965	5.016	4.887	4.688	4.492	4.327	4.175
5151	51.50	4.003	3.786	3.530	3.272	3.080	3.033	3.211	3.668	4.405	5.344
5161	51.60	6.316	7.076	7.358	6.960	5.830	4.117	2.162	0.413	-0.706	-0.936
5171	51.70	-0.267	1.054	2.602	3.914	4.626	4.575	3.821	2.611	1.285	0.175
5181	51.80	-0.471	-0.538	-0.053	0.827	1.858	2.755	3.259	3.199	2.542	1.412
5191	51.90	0.057	-1.219	-2.152	-2.606	-2.602	-2.302	-1.927	-1.660	-1.579	-1.639
5201	52.00	-1.717	-1.698	-1.548	-1.349	-1.259	-1.429	-1.909	-2.589	-5.212	-3.461
5211	52.10	-3.083	-2.005	-0.386	1.411	2.933	3.775	3.720	2.795	1.263	-0.469
5221	52.20	-1.977	-2.935	-3.186	-2.760	-1.827	-0.627	0.600	1.667	2.466	2.962
5231	52.30	3.183	3.201	3.117	3.046	3.088	3.308	3.708	4.218	4.708	5.026
5241	52.40	5.051	4.740	4.152	3.436	2.783	2.369	2.295	2.563	3.089	3.729
5251	52.50	4.333	4.772	4.952	4.821	4.361	3.594	2.594	1.499	0.496	-0.213
5261	52.60	-0.476	-0.248	0.370	1.155	1.832	2.175	2.093	1.655	1.056	0.518
5271	52.70	0.180	0.026	-0.112	-0.484	-1.306	-2.650	-4.401	-6.277	-7.918	-8.999
5281	52.80	-9.318	-8.837	-7.578	-6.070	-4.299	-2.658	-1.408	-0.750	-0.782	-1.466
5291	52.90	-2.612	-3.900	-4.950	-5.431	-5.163	-4.176	-2.695	-1.047	0.464	1.655
5301	53.00	2.507	3.108	3.553	3.847	3.876	3.465	2.511	1.107	-0.402	-1.492
5311	53.10	-1.651	-0.609	1.491	4.070	6.268	7.238	6.469	4.000	0.452	-3.157
5321	53.20	-5.745	-6.521	-5.239	-2.259	1.591	5.300	7.990	9.152	8.741	7.101
5331	53.30	4.794	2.389	0.304	-1.259	-2.291	-2.885	-3.138	-3.097	-2.757	-2.103
5341	53.40	-1.181	-0.130	0.818	1.396	1.390	0.721	-0.516	-2.068	-3.594	-4.775
5351	53.50	-5.410	-5.468	-5.091	-4.527	-4.040	-3.814	-3.904	-4.223	-4.592	-4.807
5361	53.60	-4.714	-4.252	-3.468	-2.490	-1.482	-0.598	0.053	0.429	0.549	0.489
5371	53.70	0.362	0.295	0.410	0.797	1.483	2.423	3.490	4.498	5.238	5.533
5381	53.80	5.290	4.531	3.401	2.136	1.000	0.217	-0.090	0.061	0.527	1.076
5391	53.90	1.466	1.511	1.139	0.397	-0.575	-1.607	-2.565	-3.396	-4.131	-4.851
5401	54.00	-5.622	-6.445	-7.229	-7.816	-8.051	-7.859	-7.302	-6.580	-5.980	-5.772
5411	54.10	-6.109	-6.961	-8.116	-9.247	-10.018	-10.191	-9.691	-8.612	-7.177	-5.656
5421	54.20	-4.302	-3.296	-2.741	-2.659	-3.001	-3.655	-4.441	-5.129	-5.480	-5.310
5431	54.30	-4.561	-3.351	-1.966	-0.777	-0.119	-0.156	-0.804	-1.744	-2.531	-2.760
5441	54.40	-2.226	-1.001	0.592	2.116	3.198	3.683	3.683	3.520	3.573	4.099
5451	54.50	5.118	6.393	7.527	8.129	7.974	7.091	5.748	4.350	3.289	2.815
5461	54.60	2.980	3.661	4.641	5.707	6.709	7.576	8.284	8.811	9.109	9.112
5471	54.70	8.777	8.127	7.269	6.378	5.643	5.196	5.074	5.208	5.467	5.713
5481	54.80	5.855	5.873	5.795	5.669	5.517	5.330	5.082	4.765	4.414	4.107
5491	54.90	3.934	3.944	4.104	4.297	4.358	4.142	3.585	2.734	1.729	0.742

Table 7-33-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.090	-0.708	-1.126	-1.392	-1.527	-1.498	-1.230	-0.666	0.161	1.085
5511	55.10	1.833	2.112	1.738	0.732	-0.648	-1.988	-2.860	-3.003	-2.435	-1.467
5521	55.20	-0.599	-0.329	-0.958	-2.465	-4.493	-6.469	-7.786	-8.010	-7.015	-5.012
5531	55.30	-2.477	0.003	1.898	2.669	2.832	1.940	0.505	-1.104	-2.568	-3.670
5541	55.40	-4.319	-4.518	-4.322	-3.789	-2.954	-1.848	-0.521	0.910	2.242	3.208
5551	55.50	3.537	3.046	1.721	-0.242	-2.467	-4.493	-5.902	-6.449	-6.126	-5.153
5561	55.60	-3.889	-2.700	-1.839	-1.381	-1.226	-1.180	-1.061	-0.784	-0.409	-0.108
5571	55.70	-0.097	-0.534	-1.451	-2.725	-4.101	-5.270	-5.951	-5.972	-5.313	-4.103
5581	55.80	-2.600	-1.078	0.202	1.071	1.479	1.484	1.217	0.830	0.452	0.160
5591	55.90	-0.009	-0.046	0.059	0.328	0.778	1.397	2.122	2.832	3.382	3.656
5601	56.00	3.625	3.370	3.061	2.882	2.952	3.252	3.622	3.826	3.664	3.081
5611	56.10	2.224	1.412	1.017	1.312	2.341	3.872	5.462	6.603	6.906	6.233
5621	56.20	4.767	2.840	0.996	-0.375	-1.062	-1.084	-0.648	-0.041	0.484	0.787
5631	56.30	0.858	0.783	0.669	0.580	0.501	0.337	-0.039	-0.729	-1.758	-3.042
5641	56.40	-4.400	-5.595	-6.403	-6.682	-6.420	-5.743	-4.886	-4.120	-3.663	-3.618
5651	56.50	-3.932	-4.426	-4.861	-5.019	-4.784	-4.171	-3.311	-2.393	-1.589	-1.000
5661	56.60	-0.637	-0.438	-0.318	-0.206	-0.071	0.080	0.232	0.385	0.561	0.797
5671	56.70	1.114	1.494	1.875	2.173	2.317	2.284	2.111	1.876	1.659	1.495
5681	56.80	1.359	1.173	0.855	0.367	-0.248	-0.866	-1.334	-1.526	-1.414	-1.080
5691	56.90	-0.697	-0.462	-0.513	-0.879	-1.465	-2.084	-2.533	-2.657	-2.395	-1.787
5701	57.00	-0.947	-0.015	0.878	1.634	2.188	2.502	2.559	2.374	1.998	1.524
5711	57.10	1.070	0.738	0.573	0.539	0.524	0.393	0.057	-0.464	-1.025	-1.393
5721	57.20	-1.344	-0.765	0.281	1.549	2.695	3.397	3.480	2.975	2.105	1.188
5731	57.30	0.511	0.229	0.323	0.645	1.003	1.257	1.376	1.425	1.510	1.702
5741	57.40	1.990	2.284	2.464	2.445	2.225	1.892	1.578	1.396	1.389	1.514
5751	57.50	1.667	1.739	1.660	1.429	1.095	0.723	0.359	0.015	-0.320	-0.651
5761	57.60	-0.949	-1.149	-1.173	-0.968	-0.545	0.013	0.569	0.966	1.082	0.854
5771	57.70	0.299	-0.495	-1.389	-2.216	-2.805	-3.011	-2.747	-2.014	-0.921	0.328
5781	57.80	1.474	2.272	2.565	2.328	1.668	0.779	-0.130	-0.902	-1.464	-1.809
5791	57.90	-1.958	-1.914	-1.658	-1.166	-0.468	0.319	0.991	1.317	1.130	0.405
5801	58.00	-0.713	-1.950	-3.006	-3.664	-3.867	-3.713	-3.389	-3.070	-2.844	-2.694
5811	58.10	-2.542	-2.334	-2.096	-1.944	-2.026	-2.429	-3.114	-3.899	-4.526	-4.767
5821	58.20	-4.528	-3.885	-3.054	-2.289	-1.774	-1.558	-1.561	-1.640	-1.683	-1.671
5831	58.30	-1.673	-1.789	-2.070	-2.457	-2.791	-2.870	-2.551	-1.819	-0.808	0.248
5841	58.40	1.113	1.637	1.803	1.710	1.515	1.349	1.272	1.266	1.270	1.237
5851	58.50	1.166	1.102	1.098	1.176	1.292	1.345	1.218	0.833	0.201	-0.568
5861	58.60	-1.292	-1.774	-1.866	-1.514	-0.777	0.188	1.164	1.929	2.307	2.206
5871	58.70	1.650	0.773	-0.199	-1.008	-1.426	-1.327	-0.728	0.211	1.240	2.102
5881	58.80	2.623	2.774	2.670	2.522	2.533	2.811	3.312	3.859	4.208	4.165
5891	58.90	3.667	2.822	1.879	1.130	0.803	0.980	1.570	2.355	3.081	3.560
5901	59.00	3.727	3.656	3.514	3.480	3.678	4.131	4.767	5.454	6.050	6.450
5911	59.10	6.603	6.513	6.222	5.786	5.260	4.689	4.101	3.504	2.885	2.224
5921	59.20	1.506	0.744	0.001	-0.616	-0.981	-0.997	-0.647	-0.024	0.688	1.267
5931	59.30	1.531	1.411	0.969	0.366	-0.219	-0.676	-1.010	-1.335	-1.794	-2.468
5941	59.40	-3.307	-4.121	-4.653	-4.691	-4.174	-3.237	-2.171	-1.311	-0.905	-1.019
5951	59.50	-1.521	-2.166	-2.613	-2.740	-2.504	-2.027	-1.509	-1.134	-1.000	-1.099
5961	59.60	-1.341	-1.607	-1.799	-1.863	-1.791	-1.610	-1.365	-1.120	-0.963	-1.000
5971	59.70	-1.330	-2.010	-3.001	-4.156	-5.226	-5.933	-6.048	-5.478	-4.309	-2.788
5981	59.80	-1.259	-0.065	0.546	0.479	-0.194	-1.269	-2.468	-3.512	-4.181	-4.353
5991	59.90	-4.024	-3.297	-2.352	-1.403	-0.641	-0.192	-0.088	-0.269	-0.619	-1.004

Table 7-33-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-1.326	-1.541	-1.658	-1.717	-1.753	-1.774	-1.757	-1.671	-1.498	-1.254
6011	60.10	-0.983	-0.739	-0.558	-0.439	-0.347	-0.230	-0.053	0.182	0.443	0.682
6021	60.20	0.873	1.026	1.191	1.428	1.769	2.193	2.624	2.963	3.139	3.146
6031	60.30	3.057	2.992	3.056	3.274	3.561	3.744	3.627	3.085	2.141	0.982
6041	60.40	-0.091	-0.765	-0.838	-0.301	0.646	1.665	2.394	2.581	2.159	1.256
6051	60.50	0.123	-0.978	-1.878	-2.551	-3.095	-3.647	-4.287	-4.961	-5.481	-5.586
6061	60.60	-5.049	-3.787	-1.914	0.274	2.380	4.031	4.984	5.189	4.783	4.030
6071	60.70	3.233	2.651	2.444	2.663	3.260	4.127	5.117	6.072	6.841	7.302
6081	60.80	7.379	7.062	6.419	5.582	4.713	3.961	3.422	3.114	2.988	2.953
6091	60.90	2.920	2.832	2.671	2.450	2.181	1.860	1.453	0.924	0.255	-0.517
6101	61.00	-1.301	-1.967	-2.395	-2.519	-2.366	-2.056	-1.764	-1.661	-1.848	-2.315
6111	61.10	-2.935	-3.504	-3.806	-3.691	-3.128	-2.215	-1.158	-0.200	0.447	0.666
6121	61.20	0.463	-0.050	-0.700	-1.308	-1.747	-1.963	-1.971	-1.830	-1.602	-1.327
6131	61.30	-1.017	-0.672	-0.306	0.034	0.263	0.284	0.021	-0.543	-1.346	-2.259
6141	61.40	-3.121	-3.788	-4.177	-4.281	-4.164	-3.925	-3.653	-3.399	-3.165	-2.917
6151	61.50	-2.620	-2.269	-1.898	-1.579	-1.396	-1.413	-1.646	-2.056	-2.551	-3.012
6161	61.60	-3.321	-3.383	-3.153	-2.642	-1.926	-1.134	-0.429	0.022	0.090	-0.202
6171	61.70	-1.054	-2.091	-3.197	-4.159	-4.815	-5.087	-5.004	-4.676	-4.255	-3.879
6181	61.80	-3.639	-3.565	-3.637	-3.815	-4.059	-4.342	-4.640	-4.913	-5.096	-5.099
6191	61.90	-4.836	-4.261	-3.400	-2.362	-1.312	-0.426	0.175	0.463	0.523	0.520
6201	62.00	0.635	0.995	1.614	2.378	3.079	3.491	3.453	2.948	2.124	1.256
6211	62.10	0.667	0.610	1.181	2.274	3.610	4.829	5.612	5.793	5.412	4.698
6221	62.20	3.981	3.576	3.674	4.290	5.273	6.380	7.370	8.086	8.491	8.650
6231	62.30	8.677	8.668	8.662	8.631	8.508	8.231	7.784	7.214	6.622	6.128
6241	62.40	5.832	5.774	5.925	6.180	6.390	6.402	6.099	5.442	4.491	3.389
6251	62.50	2.327	1.481	0.953	0.726	0.677	0.616	0.365	-0.167	-0.949	-1.834
6261	62.60	-2.626	-3.161	-3.370	-3.305	-3.106	-2.935	-2.902	-3.027	-3.252	-3.483
6271	62.70	-3.655	-3.762	-3.861	-4.020	-4.273	-4.584	-4.851	-4.960	-4.839	-4.504
6281	62.80	-4.055	-3.631	-3.341	-3.266	-3.152	-3.043	-2.757	-2.254	-1.604	-0.963
6291	62.90	-0.511	-0.363	-0.522	-0.875	-1.239	-1.440	-1.382	-1.080	-0.650	-0.248
6301	63.00	-0.014	-0.018	-0.244	-0.605	-0.990	-1.303	-1.496	-1.580	-1.610	-1.663
6311	63.10	-1.800	-2.042	-2.355	-2.654	-2.823	-2.753	-2.382	-1.728	-0.895	-0.054
6321	63.20	0.610	0.960	0.958	0.682	0.304	0.026	0.009	0.314	0.887	1.574
6331	63.30	2.186	2.561	2.611	2.342	1.828	1.180	0.500	-0.138	-0.694	-1.145
6341	63.40	-1.467	-1.624	-1.566	-1.248	-0.652	0.196	1.212	2.257	3.151	3.707
6351	63.50	3.765	3.241	2.160	0.677	-0.946	-2.381	-3.320	-3.559	-3.057	-1.955
6361	63.60	-0.538	0.851	1.908	2.461	2.497	2.149	1.628	1.139	0.814	0.681
6371	63.70	0.674	0.687	0.620	0.424	0.115	-0.237	-0.541	-0.711	-0.691	-0.474
6381	63.80	-0.092	0.383	0.858	1.237	1.445	1.445	1.254	0.942	0.609	0.354
6391	63.90	0.240	0.269	0.384	0.493	0.502	0.361	0.070	-0.314	-0.714	-1.053
6401	64.00	-1.287	-1.403	-1.413	-1.338	-1.193	-0.994	-0.763	-0.542	-0.388	-0.359
6411	64.10	-0.493	-0.781	-1.172	-1.584	-1.942	-2.210	-2.397	-2.550	-2.715	-2.904
6421	64.20	-3.079	-3.161	-3.076	-2.794	-2.357	-1.870	-1.459	-1.208	-1.120	-1.109
6431	64.30	-1.035	-0.771	-0.267	0.420	1.145	1.734	2.063	2.105	1.947	1.742
6441	64.40	1.638	1.713	1.934	2.175	2.280	2.132	1.718	1.141	0.583	0.238
6451	64.50	0.232	0.570	1.138	1.737	2.162	2.269	2.027	1.513	0.876	0.275
6461	64.60	-0.182	-0.472	-0.650	-0.811	-1.032	-1.330	-1.648	-1.879	-1.913	-1.700
6471	64.70	-1.279	-0.779	-0.376	-0.227	-0.413	-0.909	-1.593	-2.295	-2.861	-3.204
6481	64.80	-3.320	-3.273	-3.150	-3.017	-2.895	-2.763	-2.587	-2.349	-2.075	-1.823
6491	64.90	-1.658	-1.619	-1.693	-1.818	-1.912	-1.912	-1.808	-1.645	-1.505	-1.460

Table 7-33-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-1.527	-1.650	-1.708	-1.562	-1.110	-0.339	0.660	1.706	2.589	3.134
6511	65.10	3.264	3.024	2.566	2.106	1.845	1.909	2.304	2.918	3.557	4.013
6521	65.20	4.136	3.889	3.359	2.734	2.241	2.071	2.317	2.946	3.818	4.732
6531	65.30	5.494	5.980	6.155	6.078	5.855	5.596	5.371	5.196	5.038	4.848
6541	65.40	4.589	4.258	3.889	3.538	3.252	3.055	2.931	2.832	2.699	2.481
6551	65.50	2.156	1.737	1.271	0.823	0.459	0.223	0.131	0.159	0.256	0.355
6561	65.60	0.395	0.340	0.194	-0.005	-0.195	-0.314	-0.330	-0.248	-0.113	0.009
6571	65.70	0.063	0.028	-0.073	-0.184	-0.243	-0.214	-0.103	0.035	0.122	0.087
6581	65.80	-0.105	-0.448	-0.894	-1.389	-1.886	-2.361	-2.807	-3.217	-3.569	-3.826
6591	65.90	-3.956	-3.956	-3.867	-3.777	-3.778	-3.923	-4.183	-4.443	-4.541	-4.339
6601	66.00	-3.801	-3.037	-2.283	-1.826	-1.885	-2.520	-3.589	-4.786	-5.748	-6.181
6611	66.10	-5.965	-5.189	-4.106	-3.032	-2.235	-1.855	-1.888	-2.215	-2.680	-3.149
6621	66.20	-3.545	-3.841	-4.035	-4.113	-4.045	-3.792	-3.338	-2.718	-2.019	-1.363
6631	66.30	-0.870	-0.619	-0.621	-0.826	-1.137	-1.448	-1.673	-1.766	-1.729	-1.605
6641	66.40	-1.463	-1.377	-1.400	-1.540	-1.749	-1.930	-1.962	-1.747	-1.258	-0.564
6651	66.50	0.174	0.751	0.989	0.808	0.261	-0.481	-1.186	-1.647	-1.753	-1.516
6661	66.60	-1.051	-0.518	-0.056	0.267	0.453	0.551	0.615	0.671	0.720	0.752
6671	66.70	0.774	0.820	0.939	1.160	1.470	1.805	2.079	2.231	2.263	2.250
6681	66.80	2.305	2.518	2.888	3.310	3.605	3.601	3.229	2.575	1.869	1.396
6691	66.90	1.381	1.884	2.769	3.753	4.525	4.869	4.751	4.317	3.815	3.473
6701	67.00	3.399	3.544	3.742	3.811	3.648	3.289	2.886	2.628	2.643	2.923
6711	67.10	3.324	3.628	3.642	3.286	2.633	1.876	1.243	0.904	0.911	1.184
6721	67.20	1.567	1.897	2.069	2.071	1.962	1.835	1.761	1.768	1.837	1.927
6731	67.30	2.000	2.040	2.049	2.035	2.007	1.966	1.928	1.929	2.028	2.285
6741	67.40	2.724	3.297	3.878	4.292	4.375	4.045	3.351	2.467	1.634	1.069
6751	67.50	0.883	1.034	1.355	1.630	1.697	1.513	1.174	0.859	0.737	0.871
6761	67.60	1.182	1.465	1.480	1.055	0.174	-1.009	-2.217	-3.150	-3.596	-3.500
6771	67.70	-2.974	-2.244	-1.563	-1.121	-0.996	-1.156	-1.499	-1.916	-2.336	-2.743
6781	67.80	-3.157	-3.596	-4.042	-4.431	-4.672	-4.695	-4.486	-4.118	-3.727	-3.472
6791	67.90	-3.465	-3.728	-4.175	-4.644	-4.956	-4.988	-4.720	-4.242	-3.714	-3.298
6801	68.00	-3.097	-3.114	-3.267	-3.429	-3.493	-3.416	-3.230	-3.020	-2.868	-2.809
6811	68.10	-2.811	-2.790	-2.653	-2.343	-1.873	-1.320	-0.797	-0.402	-0.186	-0.137
6821	68.20	-0.201	-0.305	-0.395	-0.443	-0.450	-0.426	-0.376	-0.301	-0.199	-0.079
6831	68.30	0.030	0.088	0.071	-0.017	-0.120	-0.147	0.003	0.403	1.064	1.917
6841	68.40	2.827	3.614	4.102	4.149	3.684	2.717	1.349	-0.241	-1.824	-3.163
6851	68.50	-4.059	-4.403	-4.201	-3.568	-2.690	-1.759	-0.910	-0.188	0.441	1.048
6861	68.60	1.671	2.265	2.700	2.801	2.428	1.554	0.300	-1.082	-2.286	-3.052
6871	68.70	-3.247	-2.901	-2.179	-1.305	-0.484	0.161	0.611	0.912	1.136	1.321
6881	68.80	1.459	1.498	1.378	1.064	0.573	-0.032	-0.655	-1.197	-1.576	-1.746
6891	68.90	-1.690	-1.424	-0.992	-0.458	0.094	0.577	0.915	1.064	1.031	0.870
6901	69.00	0.675	0.544	0.550	0.716	1.009	1.353	1.663	1.876	1.971	1.982
6911	69.10	1.973	2.014	2.144	2.358	2.604	2.807	2.900	2.855	2.703	2.516
6921	69.20	2.381	2.357	2.442	2.565	2.615	2.483	2.119	1.567	0.956	0.462
6931	69.30	0.238	0.349	0.741	1.256	1.692	1.875	1.729	1.298	0.713	0.137
6941	69.40	-0.314	-0.610	-0.811	-1.026	-1.344	-1.788	-2.291	-2.731	-2.984	-2.986
6951	69.50	-2.764	-2.426	-2.111	-1.925	-1.888	-1.940	-1.965	-1.858	-1.593	-1.250
6961	69.60	-1.000	-1.034	-1.484	-2.349	-3.468	-4.556	-5.283	-5.390	-4.772	-3.524
6971	69.70	-1.918	-0.324	0.903	1.528	1.498	0.944	0.132	-0.635	-1.107	-1.151
6981	69.80	-0.778	-0.106	0.688	1.461	2.038	2.438	2.655	2.734	2.722	2.653
6991	69.90	2.549	2.430	2.318	2.238	2.210	2.230	2.273	2.291	2.242	2.108

Table 7-33-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	1.907	1.692	1.527	1.452	1.459	1.491	1.456	1.275	0.919	0.432
7011	70.10	-0.079	-0.477	-0.668	-0.547	-0.216	0.230	0.667	0.910	0.958	0.805
7021	70.20	0.523	0.214	-0.033	-0.162	-0.159	-0.040	0.167	0.433	0.728	1.018
7031	70.30	1.257	1.393	1.377	1.189	0.850	0.424	0.004	-0.324	-0.505	-0.537
7041	70.40	-0.463	-0.347	-0.240	-0.158	-0.080	0.033	0.199	0.392	0.539	0.546
7051	70.50	0.344	-0.057	-0.555	-0.973	-1.116	-0.850	-0.165	0.810	1.838	2.661
7061	70.60	3.084	3.058	2.686	2.183	1.784	1.649	1.802	2.124	2.414	2.482
7071	70.70	2.236	1.732	1.150	0.720	0.622	0.903	1.451	2.031	2.378	2.302
7081	70.80	1.760	0.878	-0.103	-0.918	-1.374	-1.417	-1.140	-0.731	-0.395	-0.273
7091	70.90	-0.398	-0.695	-1.028	-1.258	-1.298	-1.141	-0.844	-0.491	-0.159	0.115
7101	71.00	0.339	0.565	0.763	0.999	1.227	1.400	1.476	1.440	1.316	1.160
7111	71.10	1.043	1.018	1.101	1.255	1.407	1.465	1.358	1.059	0.599	0.053
7121	71.20	-0.486	-0.942	-1.285	-1.536	-1.757	-2.013	-2.343	-2.735	-3.135	-3.471
7131	71.30	-3.692	-3.794	-3.829	-3.878	-4.012	-4.253	-4.563	-4.853	-5.028	-5.034
7141	71.40	-4.885	-4.658	-4.456	-4.362	-4.392	-4.499	-4.593	-4.599	-4.495	-4.328
7151	71.50	-4.193	-4.181	-4.330	-4.599	-4.889	-5.083	-5.103	-4.944	-4.666	-4.355
7161	71.60	-4.071	-3.817	-3.538	-3.161	-2.654	-2.052	-1.466	-1.031	-0.844	-0.910
7171	71.70	-1.126	-1.319	-1.321	-1.035	-0.479	0.230	0.927	1.476	1.822	1.998
7181	71.80	2.102	2.231	2.439	2.714	3.003	3.247	3.427	3.576	3.759	4.029
7191	71.90	4.391	4.780	5.083	5.184	5.015	4.592	4.013	3.419	2.947	2.675
7201	72.00	2.604	2.671	2.783	2.855	2.843	2.750	2.601	2.424	2.220	1.963
7211	72.10	1.610	1.132	0.539	-0.109	-0.707	-1.137	-1.307	-1.181	-0.798	-0.261
7221	72.20	0.293	0.738	0.989	1.029	0.903	0.691	0.484	0.351	0.329	0.425
7231	72.30	0.630	0.928	1.300	1.714	2.114	2.414	2.513	2.322	1.804	1.002
7241	72.40	0.040	-0.899	-1.631	-2.019	-2.019	-1.687	-1.153	-0.575	-0.096	0.196
7251	72.50	0.265	0.127	-0.179	-0.599	-1.070	-1.521	-1.870	-2.040	-1.979	-1.684
7261	72.60	-1.210	-0.665	-0.173	0.165	0.305	0.269	0.132	-0.015	-0.102	-0.099
7271	72.70	-0.013	0.130	0.310	0.526	0.787	1.090	1.404	1.661	1.777	1.690
7281	72.80	1.392	0.949	0.487	0.152	0.060	0.252	0.687	1.253	1.812	2.240
7291	72.90	2.462	2.460	2.260	1.913	1.481	1.025	0.610	0.304	0.176	0.280
7301	73.00	0.635	1.209	1.915	2.622	3.191	3.505	3.500	3.182	2.615	1.909
7311	73.10	1.185	0.548	0.070	-0.228	-0.364	-0.392	-0.380	-0.391	-0.468	-0.627
7321	73.20	-0.850	-1.103	-1.344	-1.542	-1.688	-1.796	-1.901	-2.039	-2.240	-2.512
7331	73.30	-2.841	-3.194	-3.526	-3.796	-3.972	-4.039	-4.003	-3.883	-3.702	-3.485
7341	73.40	-3.246	-2.989	-2.709	-2.402	-2.074	-1.745	-1.444	-1.204	-1.039	-0.938
7351	73.50	-0.860	-0.749	-0.553	-0.253	0.128	0.522	0.844	1.022	1.026	0.883
7361	73.60	0.671	0.490	0.423	0.510	0.734	1.026	1.293	1.451	1.450	1.288
7371	73.70	1.010	0.694	0.427	0.283	0.310	0.519	0.882	1.337	1.811	2.229
7381	73.80	2.537	2.712	2.762	2.721	2.630	2.519	2.402	2.275	2.128	1.955
7391	73.90	1.769	1.600	1.485	1.449	1.494	1.588	1.672	1.675	1.538	1.232
7401	74.00	0.775	0.232	-0.296	-0.690	-0.847	-0.708	-0.276	0.369	1.092	1.728
7411	74.10	2.135	2.230	2.018	1.587	1.077	0.632	0.354	0.276	0.365	0.544
7421	74.20	0.728	0.852	0.882	0.805	0.618	0.314	-0.110	-0.630	-1.185	-1.669
7431	74.30	-1.960	-1.961	-1.647	-1.088	-0.445	0.087	0.341	0.236	-0.195	-0.825
7441	74.40	-1.480	-2.006	-2.310	-2.379	-2.257	-2.014	-1.715	-1.401	-1.092	-0.808
7451	74.50	-0.571	-0.409	-0.342	-0.370	-0.467	-0.590	-0.700	-0.774	-0.812	-0.826
7461	74.60	-0.813	-0.746	-0.579	-0.266	0.201	0.770	1.325	1.726	1.851	1.655
7471	74.70	1.181	0.555	-0.066	-0.549	-0.827	-0.911	-0.866	-0.775	-0.703	-0.681
7481	74.80	-0.715	-0.806	-0.971	-1.240	-1.638	-2.163	-2.767	-3.363	-3.848	-4.147
7491	74.90	-4.235	-4.148	-3.965	-3.772	-3.630	-3.561	-3.547	-3.556	-3.562	-3.557

Table 7-33-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-3.552	-3.562	-3.589	-3.618	-3.625	-3.585	-3.489	-3.340	-3.151	-2.935
7511	75.10	-2.694	-2.427	-2.141	-1.867	-1.652	-1.549	-1.589	-1.748	-1.948	-2.069
7521	75.20	-1.995	-1.664	-1.098	-0.406	0.252	0.723	0.924	0.866	0.651	0.423
7531	75.30	0.311	0.371	0.571	0.810	0.963	0.937	0.711	0.345	-0.052	-0.363
7541	75.40	-0.506	-0.465	-0.285	-0.044	0.179	0.340	0.436	0.502	0.579	0.694
7551	75.50	0.836	0.967	1.042	1.031	0.948	0.852	0.824	0.940	1.232	1.662
7561	75.60	2.135	2.519	2.693	2.594	2.235	1.711	1.161	0.733	0.533	0.602
7571	75.70	0.912	1.385	1.928	2.453	2.905	3.260	3.520	3.702	3.831	3.929
7581	75.80	4.019	4.122	4.252	4.417	4.611	4.817	5.014	5.184	5.316	5.411
7591	75.90	5.469	5.490	5.463	5.369	5.199	4.963	4.700	4.479	4.373	4.437
7601	76.00	4.677	5.034	5.400	5.645	5.660	5.400	4.899	4.261	3.629	3.135
7611	76.10	2.859	2.813	2.944	3.162	3.373	3.512	3.551	3.489	3.338	3.106
7621	76.20	2.782	2.354	1.815	1.185	0.513	-0.131	-0.682	-1.096	-1.364	-1.511
7631	76.30	-1.573	-1.580	-1.539	-1.444	-1.289	-1.100	-0.940	-0.911	-1.114	-1.606
7641	76.40	-2.367	-3.288	-4.198	-4.918	-5.325	-5.393	-5.200	-4.896	-4.637	-4.530
7651	76.50	-4.598	-4.782	-4.983	-5.113	-5.138	-5.091	-5.045	-5.075	-5.215	-5.432
7661	76.60	-5.637	-5.719	-5.592	-5.228	-4.669	-4.015	-3.391	-2.910	-2.640	-2.594
7671	76.70	-2.729	-2.960	-3.188	-3.317	-3.278	-3.042	-2.625	-2.082	-1.489	-0.922
7681	76.80	-0.436	-0.057	0.212	0.381	0.456	0.429	0.286	0.031	-0.299	-0.622
7691	76.90	-0.829	-0.817	-0.537	-0.014	0.643	1.282	1.762	2.002	2.012	1.871
7701	77.00	1.689	1.543	1.444	1.339	1.143	0.801	0.326	-0.187	-0.602	-0.800
7711	77.10	-0.737	-0.466	-0.118	0.158	0.263	0.188	0.009	-0.155	-0.215	-0.154
7721	77.20	-0.040	0.015	-0.082	-0.344	-0.685	-0.947	-0.971	-0.671	-0.083	0.640
7731	77.30	1.285	1.653	1.635	1.246	0.604	-0.116	-0.753	-1.205	-1.443	-1.494
7741	77.40	-1.406	-1.221	-0.965	-0.658	-0.336	-0.058	0.097	0.060	-0.198	-0.647
7751	77.50	-1.195	-1.722	-2.113	-2.301	-2.280	-2.096	-1.823	-1.526	-1.248	-0.999
7761	77.60	-0.778	-0.588	-0.449	-0.395	-0.455	-0.637	-0.906	-1.195	-1.420	-1.513
7771	77.70	-1.439	-1.213	-0.885	-0.524	-0.188	0.093	0.316	0.499	0.661	0.809
7781	77.80	0.931	1.001	0.995	0.906	0.752	0.576	0.434	0.371	0.406	0.518
7791	77.90	0.651	0.730	0.688	0.488	0.143	-0.284	-0.701	-1.017	-1.170	-1.149
7801	78.00	-0.995	-0.782	-0.586	-0.460	-0.416	-0.432	-0.464	-0.475	-0.452	-0.405
7811	78.10	-0.355	-0.322	-0.303	-0.278	-0.220	-0.111	0.045	0.220	0.373	0.472
7821	78.20	0.509	0.498	0.468	0.446	0.438	0.433	0.414	0.375	0.331	0.326
7831	78.30	0.407	0.604	0.914	1.292	1.674	2.000	2.242	2.416	2.571	2.759
7841	78.40	3.013	3.324	3.643	3.898	4.025	3.988	3.797	3.500	3.172	2.898
7851	78.50	2.756	2.796	3.033	3.434	3.910	4.333	4.560	4.475	4.029	3.270
7861	78.60	2.339	1.432	0.738	0.378	0.366	0.616	0.979	1.311	1.525	1.612
7871	78.70	1.624	1.628	1.661	1.701	1.678	1.516	1.180	0.710	0.212	-0.174
7881	78.80	-0.330	-0.205	0.164	0.673	1.590	1.599	1.834	1.884	1.782	1.582
7891	78.90	1.338	1.094	0.888	0.754	0.715	0.777	0.921	1.095	1.228	1.252
7901	79.00	1.128	0.863	0.512	0.160	-0.115	-0.266	-0.294	-0.247	-0.194	-0.197
7911	79.10	-0.287	-0.456	-0.662	-0.846	-0.958	-0.970	-0.881	-0.714	-0.504	-0.292
7921	79.20	-0.111	0.014	0.067	0.041	-0.060	-0.227	-0.443	-0.685	-0.926	-1.140
7931	79.30	-1.306	-1.411	-1.453	-1.437	-1.377	-1.290	-1.195	-1.112	-1.064	-1.074
7941	79.40	-1.170	-1.376	-1.704	-2.144	-2.660	-3.191	-3.667	-4.025	-4.232	-4.292
7951	79.50	-4.265	-4.168	-4.046	-3.957	-3.867	-3.737	-3.537	-3.264	-2.957	-2.688
7961	79.60	-2.534	-2.543	-2.715	-2.992	-3.282	-3.484	-3.526	-3.377	-3.049	-2.584
7971	79.70	-2.041	-1.481	-0.967	-0.561	-0.322	-0.291	-0.468	-0.803	-1.191	-1.496
7981	79.80	-1.594	-1.414	-0.967	-0.342	0.327	0.912	1.335	1.589	1.725	1.815
7991	79.90	1.911	2.020	2.106	2.113	2.004	1.783	1.494	1.203	0.966	0.810

Table 7-33-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	0.725	0.679	0.638	0.583	0.506	0.397	0.230	-0.043	-0.481	-1.118
8011	80.10	-1.940	-2.865	-3.759	-4.476	-4.900	-4.991	-4.792	-4.412	-3.931	-3.610
8021	80.20	-3.362	-3.241	-3.218	-3.253	-3.320	-3.414	-3.540	-3.701	-3.878	-4.030
8031	80.30	-4.102	-4.041	-3.815	-3.424	-2.902	-2.303	-1.696	-1.138	-0.672	-0.311
8041	80.40	-0.043	0.164	0.352	0.556	0.801	1.089	1.414	1.766	2.147	2.574
8051	80.50	3.070	3.645	4.278	4.909	5.446	5.798	5.908	5.787	5.515	5.221
8061	80.60	5.032	5.030	5.210	5.489	5.728	5.793	5.595	5.125	4.449	3.684
8071	80.70	2.958	2.376	2.005	1.870	1.958	2.229	2.619	3.042	3.401	3.604
8081	80.80	3.588	3.339	2.906	2.379	1.878	1.497	1.285	1.233	1.289	1.381
8091	80.90	1.454	1.478	1.453	1.390	1.298	1.171	0.995	0.762	0.483	0.192
8101	81.00	-0.067	-0.254	-0.358	-0.395	-0.402	-0.421	-0.476	-0.567	-0.676	-0.781
8111	81.10	-0.872	-0.956	-1.054	-1.175	-1.312	-1.427	-1.469	-1.393	-1.182	-0.861
8121	81.20	-0.496	-0.175	0.019	0.025	-0.175	-0.558	-1.066	-1.622	-2.141	-2.547
8131	81.30	-2.787	-2.843	-2.734	-2.514	-2.254	-2.027	-1.879	-1.818	-1.818	-1.828
8141	81.40	-1.800	-1.705	-1.543	-1.335	-1.105	-0.864	-0.600	-0.288	0.102	0.579
8151	81.50	1.121	1.682	2.196	2.602	2.856	2.943	2.878	2.700	2.466	2.244
8161	81.60	2.098	2.071	2.172	2.363	2.568	2.690	2.654	2.439	2.093	1.727
8171	81.70	1.467	1.404	1.548	1.818	2.066	2.143	1.956	1.513	0.917	0.326
8181	81.80	-0.112	-0.315	-0.282	-0.087	0.170	0.405	0.573	0.669	0.698	0.660
8191	81.90	0.532	0.289	-0.071	-0.509	-0.939	-1.260	-1.395	-1.330	-1.119	-0.866
8201	82.00	-0.678	-0.621	-0.696	-0.842	-0.980	-1.048	-1.029	-0.960	-0.898	-0.894
8211	82.10	-0.959	-1.071	-1.184	-1.260	-1.290	-1.295	-1.308	-1.355	-1.429	-1.495
8221	82.20	-1.502	-1.408	-1.205	-0.916	-0.592	-0.289	-0.049	0.113	0.205	0.252
8231	82.30	0.283	0.325	0.398	0.515	0.674	0.856	1.024	1.124	1.101	0.925
8241	82.40	0.598	0.169	-0.289	-0.697	-1.007	-1.215	-1.361	-1.508	-1.706	-1.975
8251	82.50	-2.291	-2.603	-2.858	-3.028	-3.118	-3.159	-3.191	-3.233	-3.279	-3.299
8261	82.60	-3.258	-3.138	-2.949	-2.724	-2.510	-2.338	-2.223	-2.152	-2.106	-2.068
8271	82.70	-2.034	-2.015	-2.020	-2.052	-2.098	-2.132	-2.135	-2.101	-2.048	-2.005
8281	82.80	-1.997	-2.027	-2.065	-2.060	-1.964	-1.757	-1.472	-1.189	-1.005	-1.003
8291	82.90	-1.206	-1.560	-1.946	-2.219	-2.256	-2.006	-1.510	-0.884	-0.284	0.153
8301	83.00	0.352	0.319	0.135	-0.090	-0.257	-0.312	-0.263	-0.162	-0.073	-0.042
8311	83.10	-0.075	-0.142	-0.191	-0.180	-0.094	0.050	0.218	0.372	0.497	0.598
8321	83.20	0.699	0.820	0.967	1.120	1.250	1.332	1.368	1.392	1.456	1.613
8331	83.30	1.884	2.245	2.631	2.954	3.143	3.169	3.056	2.873	2.704	2.610
8341	83.40	2.604	2.650	2.676	2.610	2.414	2.105	1.750	1.443	1.269	1.269
8351	83.50	1.425	1.675	1.932	2.125	2.225	2.252	2.261	2.310	2.434	2.619
8361	83.60	2.808	2.924	2.903	2.721	2.410	2.046	1.723	1.517	1.464	1.546
8371	83.70	1.710	1.883	2.007	2.057	2.038	1.985	1.935	1.920	1.947	2.005
8381	83.80	2.067	2.105	2.098	2.041	1.942	1.821	1.703	1.608	1.547	1.514
8391	83.90	1.495	1.466	1.409	1.322	1.221	1.136	1.103	1.140	1.243	1.377
8401	84.00	1.490	1.532	1.475	1.324	1.109	0.872	0.642	0.419	0.173	-0.139
8411	84.10	-0.547	-1.043	-1.579	-2.074	-2.444	-2.636	-2.647	-2.524	-2.344	-2.186
8421	84.20	-2.097	-2.086	-2.122	-2.164	-2.174	-2.142	-2.082	-2.022	-1.985	-1.977
8431	84.30	-1.984	-1.980	-1.943	-1.868	-1.768	-1.670	-1.599	-1.567	-1.565	-1.569
8441	84.40	-1.553	-1.502	-1.420	-1.329	-1.253	-1.212	-1.203	-1.208	-1.199	-1.154
8451	84.50	-1.070	-0.969	-0.884	-0.844	-0.856	-0.894	-0.905	-0.831	-0.634	-0.314
8461	84.60	0.081	0.471	0.773	0.931	0.936	0.826	0.672	0.542	0.482	0.496
8471	84.70	0.555	0.617	0.647	0.637	0.603	0.576	0.583	0.628	0.694	0.743
8481	84.80	0.740	0.662	0.507	0.290	0.035	-0.233	-0.498	-0.748	-0.942	-1.158
8491	84.90	-1.292	-1.365	-1.374	-1.330	-1.256	-1.175	-1.105	-1.056	-1.027	-1.013

Table 7-33-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-1.013	-1.028	-1.059	-1.102	-1.140	-1.146	-1.092	-0.960	-0.756	-0.514
8511	85.10	-0.284	-0.119	-0.055	-0.093	-0.204	-0.339	-0.446	-0.491	-0.468	-0.397
8521	85.20	-0.314	-0.255	-0.240	-0.267	-0.320	-0.372	-0.408	-0.423	-0.431	-0.455
8531	85.30	-0.514	-0.613	-0.737	-0.856	-0.940	-0.969	-0.954	-0.930	-0.944	-1.039
8541	85.40	-1.223	-1.462	-1.683	-1.803	-1.755	-1.522	-1.143	-0.704	-0.303	-0.024
8551	85.50	0.096	0.063	-0.081	-0.287	-0.512	-0.729	-0.917	-1.050	-1.095	-1.021
8561	85.60	-0.821	-0.527	-0.217	0.009	0.067	-0.075	-0.378	-0.738	-1.032	-1.164
8571	85.70	-1.103	-0.887	-0.598	-0.321	-0.103	0.055	0.190	0.339	0.512	0.691
8581	85.80	0.841	0.940	1.004	1.078	1.212	1.426	1.687	1.927	2.074	2.106
8591	85.90	2.069	2.071	2.220	2.566	3.053	3.532	3.824	3.800	3.448	2.884
8601	86.00	2.296	1.852	1.620	1.541	1.476	1.294	0.968	0.613	0.437	0.644
8611	86.10	1.310	2.315	3.369	4.114	4.271	3.754	2.705	1.426	0.254	-0.568
8621	86.20	-0.961	-1.000	-0.832	-0.583	-0.295	0.070	0.561	1.168	1.778	2.196
8631	86.30	2.228	1.775	0.903	-0.164	-1.124	-1.702	-1.752	-1.301	-0.524	0.341
8641	86.40	1.074	1.538	1.688	1.548	1.165	0.589	-0.138	-0.948	-1.740	-2.379
8651	86.50	-2.731	-2.716	-2.548	-1.742	-1.081	-0.552	-0.274	-0.265	-0.444	-0.678
8661	86.60	-0.843	-0.871	-0.771	-0.606	-0.454	-0.365	-0.345	-0.359	-0.360	-0.319
8671	86.70	-0.235	-0.137	-0.063	-0.039	-0.064	-0.119	-0.171	-0.193	-0.192	-0.165
8681	86.80	-0.133	-0.113	-0.109	-0.115	-0.122	-0.123	-0.118	-0.113	-0.113	-0.117
8691	86.90	-0.118	-0.102	-0.055	0.037	0.179	0.369	0.601	0.856	1.107	1.316
8701	87.00	1.440	1.442	1.306	1.042	0.694	0.325	0.003	-0.222	-0.334	-0.353
8711	87.10	-0.322	-0.289	-0.286	-0.319	-0.374	-0.431	-0.479	-0.529	-0.612	-0.764
8721	87.20	-1.002	-1.312	-1.648	-1.938	-2.120	-2.156	-2.059	-1.879	-1.691	-1.562
8731	87.30	-1.528	-1.577	-1.663	-1.726	-1.724	-1.657	-1.566	-1.523	-1.597	-1.821
8741	87.40	-2.171	-2.574	-2.925	-3.133	-3.150	-2.990	-2.721	-2.432	-2.199	-2.053
8751	87.50	-1.978	-1.922	-1.838	-1.708	-1.561	-1.455	-1.448	-1.559	-1.745	-1.910
8761	87.60	-1.937	-1.740	-1.302	-0.691	-0.037	0.515	0.860	0.972	0.908	0.781
8771	87.70	0.708	0.764	0.955	1.224	1.484	1.661	1.724	1.694	1.631	1.600
8781	87.80	1.639	1.748	1.893	2.024	2.105	2.129	2.122	2.125	2.176	2.289
8791	87.90	2.443	2.592	2.681	2.665	2.527	2.286	1.989	1.700	1.478	1.362
8801	88.00	1.359	1.448	1.585	1.720	1.814	1.848	1.831	1.787	1.751	1.746
8811	88.10	1.779	1.837	1.894	1.928	1.926	1.897	1.862	1.850	1.880	1.949
8821	88.20	2.036	2.102	2.103	2.007	1.800	1.494	1.119	0.722	0.347	0.026
8831	88.30	-0.227	-0.425	-0.596	-0.778	-0.999	-1.263	-1.540	-1.777	-1.908	-1.881
8841	88.40	-1.687	-1.366	-1.001	-0.699	-0.549	-0.597	-0.828	-1.173	-1.535	-1.821
8851	88.50	-1.971	-1.969	-1.840	-1.632	-1.395	-1.170	-0.982	-0.844	-0.765	-0.750
8861	88.60	-0.795	-0.883	-0.981	-1.043	-1.029	-0.916	-0.709	-0.439	-0.151	0.117
8871	88.70	0.347	0.546	0.739	0.948	1.176	1.402	1.587	1.686	1.672	1.569
8881	88.80	1.347	1.118	0.913	0.765	0.686	0.659	0.655	0.643	0.598	0.513
8891	88.90	0.397	0.271	0.162	0.092	0.073	0.095	0.130	0.142	0.097	-0.015
8901	89.00	-0.173	-0.322	-0.393	-0.326	-0.100	0.251	0.645	0.976	1.149	1.119
8911	89.10	0.899	0.562	0.204	-0.090	-0.277	-0.365	-0.398	-0.536	-0.517	-0.649
8921	89.20	-0.806	-0.947	-1.038	-1.069	-1.059	-1.042	-1.054	-1.113	-1.218	-1.344
8931	89.30	-1.464	-1.549	-1.588	-1.581	-1.538	-1.474	-1.402	-1.331	-1.266	-1.212
8941	89.40	-1.169	-1.137	-1.113	-1.091	-1.066	-1.032	-0.991	-0.966	-0.903	-0.865
8951	89.50	-0.835	-0.811	-0.788	-0.761	-0.722	-0.663	-0.575	-0.449	-0.283	-0.085
8961	89.60	0.124	0.311	0.441	0.488	0.446	0.333	0.186	0.049	-0.047	-0.094
8971	89.70	-0.105	-0.112	-0.140	-0.200	-0.278	-0.342	-0.360	-0.308	-0.192	-0.036
8981	89.80	0.124	0.257	0.348	0.403	0.443	0.490	0.555	0.640	0.733	0.825
8991	89.90	0.909	0.988	1.062	1.130	1.175	1.175	1.106	0.960	0.746	0.495

Table 7-33-19

TABLE OF CORRECTED ACCELERATION RECORD

NO.19

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.262	0.017	-0.169	-0.329	-0.485	-0.660	-0.857	-1.065	-1.260	-1.424
9011	90.10	-1.557	-1.684	-1.836	-2.039	-2.289	-2.547	-2.750	-2.836	-2.771	-2.567
9021	90.20	-2.278	-1.983	-1.749	-1.609	-1.552	-1.532	-1.494	-1.404	-1.261	-1.094
9031	90.30	-0.942	-0.833	-0.768	-0.721	-0.655	-0.543	-0.382	-0.191	0.004	0.185
9041	90.40	0.353	0.523	0.709	0.898	1.046	1.087	0.964	0.665	0.243	-0.186
9051	90.50	-0.477	-0.512	-0.247	0.265	0.889	1.455	1.818	1.914	1.771	1.493
9061	90.60	1.212	1.034	1.003	1.100	1.261	1.415	1.521	1.573	1.617	1.679
9071	90.70	1.790	1.947	2.121	2.274	2.379	2.427	2.429	2.406	2.375	2.339
9081	90.80	2.296	2.243	2.184	2.134	2.112	2.128	2.168	2.200	2.178	2.066
9091	90.90	1.853	1.568	1.273	1.046	0.948	1.012	1.221	1.521	1.833	2.082
9101	91.00	2.212	2.203	2.064	1.835	1.563	1.301	1.088	0.949	0.893	0.909
9111	91.10	0.978	1.073	1.169	1.247	1.295	1.310	1.290	1.232	1.133	0.993
9121	91.20	0.816	0.616	0.415	0.237	0.097	-0.002	-0.076	-0.153	-0.255	-0.394
9131	91.30	-0.562	-0.736	-0.889	-1.005	-1.086	-1.151	-1.224	-1.321	-1.440	-1.562
9141	91.40	-1.661	-1.725	-1.761	-1.796	-1.862	-1.978	-2.137	-2.303	-2.431	-2.490
9151	91.50	-2.484	-2.453	-2.457	-2.543	-2.716	-2.926	-3.084	-3.097	-2.913	-2.551
9161	91.60	-2.098	-1.677	-1.403	-1.330	-1.436	-1.630	-1.794	-1.831	-1.702	-1.434
9171	91.70	-1.106	-0.804	-0.593	-0.485	-0.450	-0.431	-0.370	-0.237	-0.033	0.213
9181	91.80	0.454	0.643	0.744	0.735	0.617	0.417	0.185	-0.008	-0.085	0.012
9191	91.90	0.306	0.761	1.291	1.782	2.124	2.246	2.141	1.864	1.503	1.152
9201	92.00	0.873	0.687	0.580	0.522	0.490	0.481	0.509	0.585	0.701	0.822
9211	92.10	0.894	0.863	0.702	0.427	0.094	-0.222	-0.452	-0.564	-0.566	-0.504
9221	92.20	-0.439	-0.421	-0.473	-0.586	-0.729	-0.861	-0.951	-0.982	-0.954	-0.875
9231	92.30	-0.758	-0.614	-0.457	-0.303	-0.167	-0.061	0.009	0.054	0.092	0.145
9241	92.40	0.244	0.379	0.534	0.673	0.756	0.751	0.647	0.460	0.221	-0.027
9251	92.50	-0.250	-0.430	-0.566	-0.672	-0.763	-0.848	-0.924	-0.979	-0.993	-0.955
9261	92.60	-0.863	-0.736	-0.608	-0.523	-0.522	-0.630	-0.847	-1.140	-1.452	-1.709
9271	92.70	-1.846	-1.820	-1.632	-1.321	-0.958	-0.625	-0.385	-0.272	-0.273	-0.348
9281	92.80	-0.440	-0.503	-0.513	-0.477	-0.423	-0.382	-0.375	-0.406	-0.464	-0.534
9291	92.90	-0.606	-0.684	-0.779	-0.903	-1.055	-1.216	-1.350	-1.416	-1.383	-1.241
9301	93.00	-1.004	-0.709	-0.400	-0.119	0.106	0.257	0.334	0.348	0.319	0.278
9311	93.10	0.263	0.311	0.452	0.694	1.017	1.372	1.699	1.940	2.060	2.057
9321	93.20	1.962	1.821	1.677	1.555	1.454	1.356	1.237	1.086	0.905	0.711
9331	93.30	0.520	0.336	0.146	-0.076	-0.352	-0.688	-1.059	-1.415	-1.697	-1.853
9341	93.40	-1.862	-1.739	-1.530	-1.296	-1.091	-0.945	-0.858	-0.808	-0.761	-0.689
9351	93.50	-0.584	-0.457	-0.331	-0.230	-0.164	-0.123	-0.080	-0.000	0.141	0.351
9361	93.60	0.610	0.879	1.117	1.291	1.393	1.436	1.446	1.447	1.449	1.442
9371	93.70	1.409	1.340	1.248	1.171	1.161	1.257	1.463	1.731	1.976	2.103
9381	93.80	2.046	1.801	1.435	1.061	0.802	0.735	0.870	1.145	1.454	1.697
9391	93.90	1.816	1.817	1.753	1.699	1.715	1.814	1.970	2.131	2.249	2.300
9401	94.00	2.292	2.253	2.210	2.174	2.136	2.080	1.996	1.893	1.797	1.738
9411	94.10	1.730	1.756	1.774	1.729	1.581	1.326	1.000	0.663	0.378	0.180
9421	94.20	0.068	0.007	-0.046	-0.124	-0.228	-0.335	-0.411	-0.437	-0.425	-0.421
9431	94.30	-0.480	-0.644	-0.914	-1.260	-1.538	-1.717	-1.722	-1.551	-1.267	-0.969
9441	94.40	-0.759	-0.707	-0.826	-1.071	-1.365	-1.624	-1.792	-1.847	-1.803	-1.691
9451	94.50	-1.539	-1.367	-1.183	-1.001	-0.844	-0.753	-0.772	-0.923	-1.187	-1.498
9461	94.60	-1.757	-1.866	-1.766	-1.474	-1.076	-0.710	-0.510	-0.558	-0.853	-1.312
9471	94.70	-1.800	-2.183	-2.372	-2.349	-2.160	-1.885	-1.599	-1.346	-1.132	-0.938
9481	94.80	-0.750	-0.578	-0.456	-0.429	-0.526	-0.739	-1.015	-1.270	-1.422	-1.417
9491	94.90	-1.253	-0.972	-0.648	-0.356	-0.145	-0.034	-0.012	-0.054	-0.137	-0.249

Table 7-33-20

TABLE OF CORRECTED ACCELERATION RECORD

NO.20

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	-0.388	-0.553	-0.736	-0.917	-1.066	-1.152	-1.156	-1.082	-0.948	-0.787
9511	95.10	-0.632	-0.508	-0.420	-0.364	-0.321	-0.277	-0.224	-0.164	-0.109	-0.077
9521	95.20	-0.078	-0.113	-0.168	-0.218	-0.231	-0.181	-0.057	0.132	0.356	0.571
9531	95.30	0.727	0.785	0.725	0.554	0.308	0.046	-0.161	-0.243	-0.151	0.128
9541	95.40	0.558	1.055	1.506	1.790	1.819	1.563	1.069	0.450	-0.143	-0.566
9551	95.50	-0.725	-0.601	-0.251	0.211	0.661	0.995	1.165	1.174	1.070	0.913
9561	95.60	0.759	0.638	0.558	0.510	0.479	0.451	0.421	0.387	0.355	0.335
9571	95.70	0.346	0.403	0.522	0.700	0.914	1.118	1.253	1.272	1.155	0.924
9581	95.80	0.642	0.389	0.238	0.223	0.331	0.511	0.691	0.816	0.861	0.841
9591	95.90	0.796	0.770	0.785	0.842	0.916	0.980	1.016	1.025	1.025	1.034
9601	96.00	1.065	1.113	1.162	1.197	1.213	1.219	1.235	1.275	1.340	1.408
9611	96.10	1.445	1.413	1.292	1.084	0.813	0.520	0.241	0.004	-0.178	-0.302
9621	96.20	-0.368	-0.379	-0.336	-0.249	-0.139	-0.039	0.012	-0.013	-0.123	-0.302
9631	96.30	-0.515	-0.720	-0.890	-1.013	-1.102	-1.179	-1.265	-1.371	-1.495	-1.628
9641	96.40	-1.761	-1.894	-2.028	-2.159	-2.270	-2.326	-2.285	-2.120	-1.835	-1.476
9651	96.50	-1.126	-0.879	-0.811	-0.944	-1.246	-1.633	-2.001	-2.264	-2.373	-2.328
9661	96.60	-2.165	-1.936	-1.682	-1.429	-1.184	-0.953	-0.752	-0.609	-0.557	-0.621
9671	96.70	-0.797	-1.050	-1.316	-1.526	-1.623	-1.580	-1.401	-1.116	-0.763	-0.383
9681	96.80	-0.008	0.330	0.601	0.768	0.801	0.689	0.451	0.141	-0.158	-0.363
9691	96.90	-0.412	-0.293	-0.043	0.262	0.532	0.699	0.734	0.653	0.500	0.329
9701	97.00	0.177	0.053	-0.055	-0.169	-0.297	-0.429	-0.531	-0.564	-0.501	-0.341
9711	97.10	-0.116	0.124	0.329	0.469	0.543	0.580	0.618	0.692	0.812	0.964
9721	97.20	1.118	1.245	1.331	1.387	1.439	1.517	1.635	1.785	1.939	2.067
9731	97.30	2.152	2.200	2.242	2.313	2.438	2.610	2.794	2.936	2.988	2.936
9741	97.40	2.801	2.641	2.516	2.467	2.490	2.542	2.556	2.474	2.272	1.977
9751	97.50	1.652	1.376	1.209	1.172	1.243	1.369	1.493	1.576	1.607	1.597
9761	97.60	1.572	1.549	1.529	1.500	1.442	1.366	1.213	1.061	0.914	0.789
9771	97.70	0.691	0.612	0.535	0.447	0.348	0.249	0.172	0.138	0.155	0.214
9781	97.80	0.283	0.319	0.277	0.129	-0.130	-0.466	-0.819	-1.110	-1.268	-1.249
9791	97.90	-1.058	-0.749	-0.415	-0.161	-0.066	-0.164	-0.423	-0.762	-1.079	-1.287
9801	98.00	-1.344	-1.265	-1.113	-0.968	-0.896	-0.923	-1.027	-1.154	-1.246	-1.268
9811	98.10	-1.221	-1.146	-1.098	-1.122	-1.236	-1.417	-1.621	-1.796	-1.911	-1.967
9821	98.20	-1.994	-2.034	-2.121	-2.260	-2.428	-2.583	-2.691	-2.739	-2.750	-2.772
9831	98.30	-2.851	-3.010	-3.225	-3.435	-3.560	-3.533	-3.336	-3.001	-2.607	-2.241
9841	98.40	-1.965	-1.787	-1.666	-1.535	-1.339	-1.068	-0.766	-0.520	-0.417	-0.505
9851	98.50	-0.765	-1.117	-1.448	-1.657	-1.692	-1.567	-1.351	-1.132	-0.978	-0.918
9861	98.60	-0.932	-0.971	-0.987	-0.954	-0.877	-0.782	-0.701	-0.651	-0.630	-0.619
9871	98.70	-0.599	-0.557	-0.496	-0.431	-0.376	-0.334	-0.301	-0.260	-0.199	-0.111
9881	98.80	-0.001	0.119	0.235	0.337	0.421	0.490	0.549	0.606	0.673	0.770
9891	98.90	0.913	1.115	1.366	1.630	1.850	1.959	1.907	1.688	1.345	0.963
9901	99.00	0.642	0.460	0.448	0.579	0.788	0.999	1.158	1.251	1.301	1.344
9911	99.10	1.406	1.487	1.563	1.603	1.590	1.536	1.473	1.441	1.456	1.506
9921	99.20	1.550	1.542	1.458	1.312	1.147	1.019	0.963	0.973	1.005	0.999
9931	99.30	0.916	0.759	0.581	0.465	0.478	0.645	0.928	1.243	1.491	1.605
9941	99.40	1.569	1.421	1.229	1.059	0.945	0.884	0.846	0.804	0.746	0.686
9951	99.50	0.647	0.637	0.639	0.607	0.489	0.251	-0.096	-0.493	-0.855	-1.097
9961	99.60	-1.172	-1.088	-0.902	-0.697	-0.542	-0.478	-0.497	-0.564	-0.632	-0.669
9971	99.70	-0.665	-0.632	-0.588	-0.542	-0.489	-0.408	-0.278	-0.092	0.140	0.388
9981	99.80	0.616	0.795	0.920	1.004	1.079	1.178	1.323	1.517	1.740	1.959
9991	99.90	2.138	2.251	2.288	2.256	2.178	2.078	1.980	1.897	1.834	1.788

Table 7-33-21

TABLE OF CORRECTED ACCELERATION RECORD NO.21

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10001	100.00	1.755	1.730	1.713	1.703	1.697	1.689	1.666	1.617	1.531	1.406
10011	100.10	1.250	1.074	0.895	0.724	0.566	0.421	0.284	0.153	0.027	-0.095
10021	100.20	-0.214	-0.333	-0.459	-0.599	-0.751	-0.907	-1.051	-1.161	-1.223	-1.230
10031	100.30	-1.192	-1.125	-1.052	-0.991	-0.952	-0.934	-0.933	-0.940	-0.952	-0.962
10041	100.40	-0.966	-0.959	-0.936	-0.902	-0.862	-0.836	-0.846	-0.912	-1.036	-1.203
10051	100.50	-1.380	-1.526	-1.605	-1.601	-1.518	-1.380	-1.216	-1.055	-0.911	-0.790
10061	100.60	-0.686	-0.595	-0.512	-0.443	-0.393	-0.375	-0.400	-0.478	-0.615	-0.808
10071	100.70	-1.040	-1.274	-1.463	-1.555	-1.512	-1.325	-1.024	-0.672	-0.347	-0.123
10081	100.80	-0.041	-0.107	-0.292	-0.547	-0.822	-1.077	-1.285	-1.426	-1.486	-1.456
10091	100.90	-1.344	-1.178	-1.016	-0.929	-0.982	-1.203	-1.559	-1.966	-2.307	-2.480
10101	101.00	-2.436	-2.202	-1.868	-1.550	-1.347	-1.298	-1.372	-1.489	-1.562	-1.528
10111	101.10	-1.382	-1.164	-0.938	-0.760	-0.653	-0.608	-0.593	-0.580	-0.560	-0.543
10121	101.20	-0.547	-0.582	-0.638	-0.689	-0.709	-0.685	-0.628	-0.568	-0.526	-0.501
10131	101.30	-0.460	-0.348	-0.119	0.232	0.653	1.043	1.289	1.318	1.129	0.812
10141	101.40	0.513	0.381	0.509	0.895	1.440	1.992	2.405	2.592	2.556	2.376
10151	101.50	2.162	2.002	1.928	1.907	1.868	1.748	1.528	1.244	0.969	0.779
10161	101.60	0.713	0.755	0.843	0.899	0.872	0.752	0.578	0.412	0.306	0.276
10171	101.70	0.300	0.330	0.319	0.247	0.124	-0.017	-0.138	-0.213	-0.234	-0.205
10181	101.80	-0.130	-0.008	0.164	0.381	0.616	0.820	0.938	0.937	0.822	0.646
10191	101.90	0.491	0.425	0.473	0.602	0.732	0.780	0.704	0.528	0.336	0.228
10201	102.00	0.265	0.435	0.650	0.788	0.756	0.537	0.208	-0.093	-0.232	-0.146
10211	102.10	0.132	0.482	0.761	0.867	0.791	0.611	0.454	0.428	0.569	0.825
10221	102.20	1.090	1.255	1.262	1.131	0.937	0.768	0.682	0.675	0.696	0.680
10231	102.30	0.586	0.420	0.230	0.071	-0.022	-0.057	-0.073	-0.113	-0.196	-0.298
10241	102.40	-0.372	-0.374	-0.296	-0.179	-0.099	-0.131	-0.304	-0.584	-0.884	-1.098
10251	102.50	-1.152	-1.036	-0.807	-0.565	-0.405	-0.383	-0.499	-0.705	-0.937	-1.146
10261	102.60	-1.308	-1.424	-1.501	-1.531	-1.494	-1.363	-1.130	-0.820	-0.490	-0.210
10271	102.70	-0.036	0.020	-0.011	-0.063	-0.073	-0.005	0.133	0.300	0.450	0.558
10281	102.80	0.636	0.726	0.875	1.102	1.384	1.655	1.837	1.869	1.738	1.483
10291	102.90	1.179	0.905	0.714	0.619	0.599	0.616	0.638	0.658	0.682	0.723
10301	103.00	0.783	0.845	0.882	0.873	0.824	0.768	0.755	0.826	0.990	1.209
10311	103.10	1.409	1.514	1.475	1.301	1.054	0.828	0.705	0.714	0.822	0.940
10321	103.20	0.964	0.821	0.502	0.072	-0.357	-0.668	-0.786	-0.700	-0.467	-0.184
10331	103.30	0.050	0.164	0.139	-0.002	-0.211	-0.438	-0.645	-0.810	-0.922	-0.972
10341	103.40	-0.950	-0.854	-0.698	-0.521	-0.384	-0.355	-0.483	-0.773	-1.182	-1.623
10351	103.50	-1.996	-2.221	-2.267	-2.160	-1.965	-1.766	-1.627	-1.575	-1.600	-1.668
10361	103.60	-1.748	-1.826	-1.913	-2.031	-2.194	-2.394	-2.591	-2.736	-2.785	-2.722
10371	103.70	-2.570	-2.380	-2.210	-2.099	-2.053	-2.047	-2.041	-2.003	-1.923	-1.819
10381	103.80	-1.720	-1.654	-1.624	-1.616	-1.600	-1.552	-1.463	-1.348	-1.228	-1.118
10391	103.90	-1.011	-0.884	-0.709	-0.475	-0.203	0.053	0.226	0.260	0.143	-0.093
10401	104.00	-0.375	-0.619	-0.757	-0.760	-0.635	-0.415	-0.137	0.171	0.488	0.792
10411	104.10	1.052	1.223	1.262	1.154	0.925	0.649	0.424	0.339	0.434	0.682
10421	104.20	0.997	1.275	1.438	1.469	1.417	1.371	1.411	1.568	1.805	2.031
10431	104.30	2.145	2.082	1.847	1.511	1.184	0.964	0.898	0.971	1.115	1.248
10441	104.40	1.310	1.286	1.202	1.107	1.045	1.032	1.058	1.091	1.104	1.084
10451	104.50	1.040	0.993	0.959	0.946	0.944	0.940	0.926	0.907	0.903	0.934
10461	104.60	1.016	1.147	1.305	1.463	1.593	1.678	1.720	1.728	1.716	1.695
10471	104.70	1.669	1.638	1.606	1.575	1.553	1.547	1.555	1.571	1.582	1.578
10481	104.80	1.559	1.531	1.510	1.507	1.524	1.549	1.558	1.528	1.445	1.314
10491	104.90	1.152	0.988	0.846	0.736	0.655	0.587	0.513	0.422	0.313	0.195

Table 7-33-22

TABLE OF CORRECTED ACCELERATION RECORD NO.22

INDEX NO. 1225 1302-GR-1-19 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 236.219 (GAL) T= 14.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10501	105.00	0.080	-0.022	-0.111	-0.193	-0.277	-0.372	-0.479	-0.592	-0.702	-0.803
10511	105.10	-0.894	-0.978	-1.062	-1.156	-1.261	-1.376	-1.493	-1.604	-1.697	-1.764
10521	105.20	-1.803	-1.816	-1.810	-1.796	-1.789	-1.798	-1.827	-1.870	-1.917	-1.956
10531	105.30	-1.982	-1.998	-2.016	-2.049	-2.096	-2.140	-2.144	-2.065	-1.874	-1.576
10541	105.40	-1.219	-0.886	-0.664	-0.614	-0.740	-0.980	-1.224	-1.353	-1.285	-1.008
10551	105.50	-0.587	-0.139	0.208	0.367	0.316	0.103	-0.180	-0.435	-0.599	-0.654
10561	105.60	-0.631	-0.583	-0.562	-0.591	-0.667	-0.766	-0.860	-0.930	-0.972	-0.995
10571	105.70	-1.013	-1.036	-1.072	-1.123	-1.191	-1.273	-1.365	-1.446	-1.489	-1.460
10581	105.80	-1.336	-1.113	-0.818	-0.502	-0.226	-0.037	0.046	0.042	-0.004	-0.040
10591	105.90	-0.028	0.043	0.156	0.278	0.380	0.446	0.483	0.513	0.557	0.627
10601	106.00	0.719	0.817	0.904	0.970	1.018	1.059	1.110	1.181	1.269	1.366
10611	106.10	1.454	1.520	1.557	1.568	1.559	1.541	1.523	1.512	1.510	1.517
10621	106.20	1.533	1.554	1.578	1.600	1.617	1.625	1.621	1.599	1.554	1.480
10631	106.30	1.374	1.241	1.094	0.956	0.869	0.790	0.773	0.775	0.756	0.678
10641	106.40	0.516	0.280	0.007	-0.245	-0.421	-0.487	-0.447	-0.339	-0.219	-0.138
10651	106.50	-0.125	-0.177	-0.263	-0.345	-0.392	-0.395	-0.368	-0.337	-0.330	-0.358
10661	106.60	-0.417	-0.486	-0.539	-0.550	-0.506	-0.403	-0.244	-0.041	0.188	0.418
10671	106.70	0.617	0.749	0.786	0.712	0.536	0.291	0.026	-0.207	-0.372	-0.451
10681	106.80	-0.456	-0.412	-0.349	-0.288	-0.239	-0.201	-0.169	-0.144	-0.135	-0.154
10691	106.90	-0.209	-0.298	-0.402	-0.492	-0.540	-0.529	-0.462	-0.360	-0.257	-0.183

Table 7-34-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.30	0.0	-46.866	-25.272	5.103	36.350	59.653	68.191	59.456	36.108	5.062
41	0.40	-24.794	-45.378	-51.632	-42.482	-20.400	9.973	43.386	75.054	101.014	117.994
51	0.50	123.335	115.371	94.291	63.019	27.404	-4.797	-26.113	-32.000	-22.827	-4.189
61	0.60	14.807	24.766	19.457	-1.893	-34.441	-69.714	-98.836	-115.615	-118.236	-109.072
71	0.70	-92.938	-74.800	-58.037	-43.739	-31.279	-19.335	-6.856	6.473	20.209	33.232
81	0.80	43.655	68.599	44.274	26.817	-5.965	-52.456	-105.754	-153.971	-182.842	-180.136
91	0.90	-140.343	-67.668	24.155	115.528	186.927	224.895	225.805	196.004	148.529	97.935
101	1.00	55.436	26.197	9.426	0.662	-5.235	-11.865	-20.612	-31.298	-43.282	-56.075
111	1.10	-69.084	-80.863	-88.687	-89.151	-79.827	-61.231	-37.919	-17.779	-9.417	-18.574
121	1.20	-45.152	-82.319	-118.333	-140.500	-139.674	-113.478	-66.959	-10.526	43.809	86.283
131	1.30	111.835	120.457	115.741	102.613	85.407	66.984	48.932	32.316	18.300	8.193
141	1.40	2.981	2.731	6.367	12.045	17.964	23.170	27.895	33.254	40.473	50.091
151	1.50	61.577	73.527	84.275	92.513	97.566	99.180	97.052	90.470	78.396	60.032
161	1.60	35.583	6.758	-23.368	-51.162	-73.573	-89.076	-97.937	-101.679	-102.059	-100.082
171	1.70	-95.602	-87.676	-75.464	-59.139	-40.282	-21.535	-5.693	5.268	10.709	11.145
181	1.80	7.531	0.510	-9.897	-23.911	-41.153	-59.893	-76.930	-88.387	-91.128	-84.176
191	1.90	-69.361	-50.797	-33.347	-20.743	-14.245	-12.472	-12.462	-11.401	-8.145	-3.766
201	2.00	-0.856	-1.964	-7.975	-17.257	-25.986	-29.519	-24.129	-8.343	16.640	47.519
211	2.10	80.028	110.065	134.391	150.788	157.924	155.239	143.067	122.890	97.424	70.250
221	2.20	44.956	24.072	8.315	-3.434	-13.333	-23.322	-34.025	-44.402	-52.354	-55.960
231	2.30	-54.665	-49.761	-43.824	-39.384	-37.510	-37.080	-35.176	-28.438	-14.730	5.710
241	2.40	30.195	54.598	74.896	88.500	94.754	94.511	89.152	79.705	66.554	49.822
251	2.50	30.086	8.841	-11.674	-29.269	-42.787	-52.638	-60.501	-68.250	-76.652	-84.587
261	2.60	-39.291	-87.624	-77.754	-60.423	-39.080	-18.762	-4.197	1.984	0.105	-6.973
271	2.70	-15.257	-21.261	-23.101	-20.599	-14.542	-5.674	5.918	20.647	38.640	58.863
281	2.80	78.764	94.749	103.460	102.879	93.266	76.881	56.986	36.535	17.246	-0.539
291	2.90	-17.221	-33.010	-47.311	-58.810	-66.231	-69.290	-69.202	-68.356	-69.213	-72.956
301	3.00	-78.637	-83.335	-83.372	-76.041	-61.034	-40.835	-19.854	-2.650	7.915	11.762
311	3.10	11.414	10.682	12.841	19.158	28.420	37.597	43.260	43.061	36.599	25.366
321	3.20	11.931	-1.158	-12.190	-20.493	-26.044	-28.821	-28.335	-23.638	-13.817	1.296
331	3.30	20.593	41.642	61.203	76.093	84.077	84.416	77.918	66.531	52.692	38.697
341	3.40	26.295	16.559	9.967	6.565	6.112	8.138	11.963	16.708	21.351	24.837
351	3.50	26.223	24.837	20.410	13.159	3.801	-6.554	-16.624	-25.282	-31.881	-36.469
361	3.60	-39.747	-42.749	-46.308	-50.543	-54.608	-56.889	-55.628	-49.757	-39.566	-26.867
371	3.70	-14.501	-5.344	-1.208	-2.112	-6.271	-10.825	-12.991	-11.146	-5.347	2.893
381	3.80	11.437	18.517	23.397	26.415	28.440	30.089	31.189	30.797	27.805	21.781
391	3.90	13.568	5.225	-0.741	-2.547	-0.145	4.493	8.025	7.126	0.019	-12.546
401	4.00	-27.350	-39.842	-45.884	-43.407	-33.245	-18.819	-4.824	4.534	6.981	2.775
411	4.10	-5.755	-15.395	-23.407	-28.446	-30.686	-31.213	-31.067	-30.477	-28.686	-24.431
421	4.20	-16.831	-6.165	5.887	16.744	23.958	26.322	24.486	20.754	18.078	18.681
431	4.30	22.933	29.022	33.616	33.275	25.996	12.207	-5.241	-22.103	-34.340	-39.586
441	4.40	-37.866	-31.277	-22.853	-15.173	-9.374	-5.007	-0.720	4.668	11.160	17.559
451	4.50	21.859	22.420	18.952	12.875	6.816	3.430	4.109	8.211	13.201	15.701
461	4.60	12.971	4.163	-9.215	-23.820	-35.748	-41.971	-41.310	-34.560	-23.789	-11.187
471	4.70	1.943	15.591	30.663	48.044	67.578	87.468	104.425	114.535	114.524	102.912
481	4.80	80.597	50.669	17.516	-14.406	-41.712	-62.730	-77.501	-87.208	-93.334	-96.901
491	4.90	-98.097	-96.380	-90.988	-81.581	-68.704	-53.867	-39.154	-26.537	-17.155	-10.898

Table 7-34-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-6.485	-2.062	3.919	11.881	20.749	28.203	31.546	28.841	19.889	6.616
511	5.10	-7.314	-17.577	-20.533	-14.356	0.491	21.563	45.364	68.458	88.311	103.566
521	5.20	113.748	118.687	118.055	111.315	98.128	78.964	55.520	30.616	7.508	-11.130
531	5.30	-24.072	-31.812	-36.077	-38.801	-41.066	-42.575	-41.952	-37.759	-29.673	-19.192
541	5.40	-9.396	-3.775	-4.644	-11.910	-22.864	-33.188	-38.780	-37.580	-30.527	-21.188
551	5.50	-14.214	-13.326	-19.790	-32.031	-46.534	-59.499	-68.414	-72.769	-73.638	-72.439
561	5.60	-69.615	-64.025	-53.388	-35.609	-10.264	20.544	52.479	80.334	99.881	109.340
571	5.70	109.811	104.517	97.247	90.770	85.937	81.813	76.649	69.134	59.238	48.264
581	5.80	38.133	30.330	25.094	21.277	16.911	10.189	0.337	-12.047	-25.328	-37.643
591	5.90	-47.751	-55.508	-61.752	-67.682	-74.092	-80.829	-86.742	-90.149	-89.566	-84.371
601	6.00	-75.109	-63.334	-51.091	-40.293	-32.228	-27.370	-25.470	-25.795	-27.374	-29.146
611	6.10	-30.019	-28.940	-25.053	-17.968	-8.026	3.608	15.159	24.792	31.320	34.783
621	6.20	36.580	39.033	44.467	54.165	67.660	82.695	95.939	104.176	105.469	99.782
631	6.30	88.799	75.025	60.639	46.640	32.720	17.888	1.492	-15.929	-32.453	-45.411
641	6.40	-52.547	-53.126	-45.410	-41.227	-34.821	-31.548	-32.060	-35.363	-39.671	-43.555
651	6.50	-46.725	-50.010	-54.548	-60.665	-67.150	-71.414	-70.592	-63.057	-49.575	-33.387
661	6.60	-19.080	-10.654	-9.700	-14.549	-20.854	-23.367	-18.109	-3.944	17.118	40.974
671	6.70	63.240	80.939	93.286	101.312	106.658	110.288	111.826	109.847	102.908	90.677
681	6.80	74.520	57.151	41.538	29.606	21.436	15.359	8.909	0.129	-11.430	-24.516
691	6.90	-36.850	-46.297	-51.905	-54.307	-55.277	-56.720	-59.617	-63.460	-66.450	-66.346
701	7.00	-61.543	-51.863	-38.719	-24.633	-12.347	-3.957	-0.387	-1.368	-5.798	-12.256
711	7.10	-19.431	-26.316	-32.206	-36.577	-38.999	-39.114	-36.679	-31.614	-24.020	-14.159
721	7.20	-2.437	10.573	24.096	37.160	48.697	57.765	63.811	66.865	67.527	66.729
731	7.30	65.349	63.856	62.184	59.891	56.538	52.085	47.046	42.312	38.675	36.322
741	7.40	34.570	32.040	27.243	19.307	8.508	-3.699	-15.188	-23.992	-29.073	-30.656
751	7.50	-29.977	-28.584	-27.552	-27.015	-26.248	-24.242	-20.455	-15.330	-10.279	-7.145
761	7.60	-7.372	-11.327	-18.095	-25.858	-32.664	-37.213	-39.282	-39.623	-39.409	-39.540
771	7.70	-40.141	-40.478	-39.283	-35.299	-27.763	-16.669	-2.630	13.140	29.240	44.110
781	7.80	56.092	63.458	64.759	58.859	45.617	25.984	1.973	-23.714	-48.262	-69.286
791	7.90	-85.154	-94.981	-98.420	-95.413	-86.095	-70.924	-50.928	-27.858	-4.100	17.737
801	8.00	35.404	47.523	53.810	54.905	51.934	46.015	37.982	28.404	17.863	7.235
811	8.10	-2.226	-9.116	-12.347	-11.597	-7.514	-1.521	4.693	9.782	13.157	15.028
821	8.20	16.100	17.080	18.293	19.563	20.416	20.442	19.594	18.260	17.046	16.424
831	8.30	16.411	16.486	15.779	13.440	9.015	2.640	-5.006	-12.952	-20.259	-26.268
841	8.40	-30.697	-33.600	-35.243	-35.989	-36.227	-36.311	-36.496	-36.846	-37.125	-36.781
851	8.50	-35.046	-31.186	-24.817	-16.160	-6.102	3.994	12.684	18.890	22.229	23.088
861	8.60	22.414	21.320	20.671	20.823	21.601	22.513	23.081	23.127	22.897	22.955
871	8.70	23.909	26.086	29.306	32.846	35.644	36.651	35.212	31.307	25.578	19.096
881	8.80	12.979	8.009	4.392	1.778	-0.499	-3.049	-6.107	-9.398	-12.242	-13.831
891	8.90	-13.558	-11.224	-7.069	-1.633	4.448	10.585	16.249	20.887	23.834	24.345
901	9.00	21.802	16.021	7.515	-2.454	-12.120	-19.709	-23.986	-24.642	-22.333	-18.380
911	9.10	-14.244	-11.035	-9.261	-8.770	-9.223	-10.219	-11.578	-13.288	-15.295	-17.282
921	9.20	-18.603	-18.431	-16.092	-11.398	-4.813	2.637	9.693	15.256	18.689	19.892
931	9.30	19.149	16.866	13.339	8.678	2.900	-3.888	-11.331	-18.792	-25.469	-30.593
941	9.40	-33.625	-34.372	-32.984	-29.875	-25.623	-20.873	-16.258	-12.323	-9.427	-7.645
951	9.50	-6.733	-6.193	-5.461	-4.155	-2.265	-0.184	1.486	2.274	2.192	1.894
961	9.60	2.541	5.383	11.207	19.913	30.396	40.834	49.269	54.245	55.251	52.784
971	9.70	48.025	42.306	36.599	31.260	26.116	20.821	15.276	9.887	5.522	3.179
981	9.80	3.492	6.342	10.726	15.000	17.389	16.582	12.170	4.748	-4.347	-13.562
991	9.90	-21.692	-28.259	-33.551	-38.330	-43.330	-48.787	-54.193	-58.400	-60.025	-57.990

Table 7-34-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-51.971	-42.564	-31.111	-19.254	-8.424	0.537	7.484	12.784	16.969	20.403
1011	10.10	23.115	24.854	25.320	24.410	22.363	19.711	17.074	14.923	13.422	12.440
1021	10.20	11.710	11.045	10.474	10.231	10.592	11.666	13.255	14.879	15.930	16.193
1031	10.30	15.565	14.586	14.000	14.477	16.273	19.057	21.977	23.948	24.048	21.867
1041	10.40	17.540	11.841	5.686	-0.110	-5.100	-9.269	-12.908	-16.374	-19.868	-23.323
1051	10.50	-26.453	-28.923	-30.551	-31.443	-31.977	-32.659	-33.887	-35.745	-37.898	-39.659
1061	10.60	-40.190	-38.782	-35.097	-29.288	-21.956	-13.955	-6.123	0.958	7.089	12.438
1071	10.70	17.367	22.207	27.048	31.628	35.375	37.565	37.556	34.990	29.916	22.782
1081	10.80	14.319	5.370	-3.277	-11.000	-17.369	-22.133	-25.170	-26.475	-26.174	-24.564
1091	10.90	-22.135	-19.531	-17.450	-16.477	-16.925	-18.720	-21.401	-24.215	-26.307	-26.918
1101	11.00	-25.548	-22.036	-16.559	-9.523	-1.558	6.661	14.446	21.170	26.340	29.663
1111	11.10	31.108	30.906	29.492	27.382	25.023	22.675	20.366	17.953	15.245	12.143
1121	11.20	8.728	5.262	2.097	-0.447	-2.186	-3.114	-3.363	-3.132	-2.609	-1.943
1131	11.30	-1.252	-0.650	-0.257	-0.162	-0.372	-0.771	-1.145	-1.283	-1.115	-0.818
1141	11.40	-0.824	-1.690	-3.877	-7.520	-12.308	-17.525	-22.271	-25.746	-27.501	-27.535
1151	11.50	-26.212	-24.050	-21.498	-18.798	-15.994	-13.066	-10.091	-7.330	-5.198	-4.119
1161	11.60	-4.344	-5.830	-8.243	-11.067	-13.773	-15.940	-17.290	-17.620	-16.707	-14.254
1171	11.70	-9.935	-3.543	4.839	14.721	25.230	35.279	43.830	50.143	53.931	55.340
1181	11.80	54.799	52.790	49.644	45.440	40.044	33.245	24.957	15.367	5.010	-5.264
1191	11.90	-14.552	-21.915	-26.777	-28.969	-28.758	-26.752	-23.712	-20.349	-17.166	-14.402
1201	12.00	-12.076	-10.089	-8.319	-6.653	-4.950	-2.956	-0.259	3.663	9.276	16.775
1211	12.10	25.894	35.874	45.613	53.971	60.104	63.686	64.921	64.340	62.483	59.627
1221	12.20	55.679	50.286	43.097	34.027	23.404	11.905	0.350	-10.550	-20.347	-28.853
1231	12.30	-35.998	-41.662	-45.600	-47.515	-47.244	-44.959	-41.234	-36.934	-32.968	-30.002
1241	12.40	-28.301	-27.752	-28.044	-28.879	-30.086	-31.555	-33.053	-34.057	-33.705	-31.139
1251	12.50	-25.818	-17.971	-8.747	-0.005	6.242	8.505	6.343	0.489	-7.468	-15.703
1261	12.60	-22.807	-28.160	-31.896	-34.524	-36.413	-37.434	-36.951	-34.145	-28.510	-20.250
1271	12.70	-10.367	-0.387	8.163	14.265	17.704	19.013	19.149	19.049	19.307	20.081
1281	12.80	21.226	22.559	24.052	25.882	28.292	31.377	34.918	38.367	41.001	42.168
1291	12.90	41.512	39.067	35.203	30.460	25.365	20.325	15.610	11.414	7.928	5.359
1301	13.00	3.886	3.575	4.315	5.822	7.706	9.588	11.188	12.358	13.048	13.227
1311	13.10	12.832	11.763	9.933	7.349	4.154	0.615	-2.957	-6.318	-9.361	-12.127
1321	13.20	-14.731	-17.254	-19.660	-21.770	-23.324	-24.086	-23.944	-22.957	-21.314	-19.251
1331	13.30	-16.949	-14.489	-11.872	-9.094	-6.229	-3.472	-1.109	0.577	1.412	1.412
1341	13.40	0.789	-0.111	-0.913	-1.302	-1.076	-0.138	1.536	3.928	6.959	10.443
1351	13.50	14.031	17.192	19.283	19.690	18.010	14.194	8.589	1.846	-5.275	-12.135
1361	13.60	-18.372	-23.934	-28.963	-33.586	-37.726	-41.006	-42.821	-42.546	-39.795	-34.627
1371	13.70	-27.598	-19.634	-11.773	-4.870	0.612	4.663	7.622	9.960	12.070	14.118
1381	13.80	16.028	17.568	18.495	18.665	18.087	16.898	15.284	13.417	11.421	9.384
1391	13.90	7.399	5.585	4.074	2.965	2.271	1.886	1.611	1.228	0.577	-0.375
1401	14.00	-1.540	-2.759	-3.884	-4.845	-5.663	-6.394	-7.054	-7.537	-7.606	-6.935
1411	14.10	-5.215	-2.262	1.906	7.058	12.781	18.555	23.813	27.990	30.571	31.144
1421	14.20	29.483	25.649	20.047	13.414	6.688	0.788	-3.629	-6.339	-7.566	-7.829
1431	14.30	-7.684	-7.466	-7.171	-6.527	-5.223	-3.194	-0.790	1.255	2.083	1.080
1441	14.40	-1.808	-5.988	-10.398	-13.910	-15.765	-15.845	-14.670	-13.111	-11.969	-11.636
1451	14.50	-11.987	-12.555	-12.891	-12.906	-13.003	-13.926	-16.368	-20.564	-26.052	-31.765
1461	14.60	-36.410	-38.975	-39.123	-37.282	-34.379	-31.358	-28.713	-26.254	-23.235	-18.778
1471	14.70	-12.378	-4.260	4.608	12.842	19.162	22.882	24.133	23.744	22.846	22.390
1481	14.80	22.799	23.898	25.112	25.831	25.736	24.943	23.905	23.150	22.979	23.299
1491	14.90	23.655	23.436	22.167	19.732	16.433	12.868	9.684	7.334	5.929	5.257

Table 7-34-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	4.935	4.621	4.169	3.671	3.361	3.437	3.891	4.435	4.566	3.755
1511	15.10	1.672	-1.643	-5.742	-9.887	-13.282	-15.327	-15.786	-14.820	-12.878	-10.499
1521	15.20	-8.129	-6.022	-4.250	-2.806	-1.707	-1.040	-0.919	-1.369	-2.218	-3.075
1531	15.30	-3.424	-2.811	-1.034	1.753	5.088	8.390	11.199	13.358	15.047	16.642
1541	15.40	18.500	20.748	23.222	25.558	27.401	28.598	29.272	29.704	30.093	30.320
1551	15.50	29.846	27.849	23.545	16.574	7.261	-3.378	-13.908	-22.911	-29.409	-33.091
1561	15.60	-34.257	-33.547	-31.586	-28.735	-25.054	-20.469	-15.033	-9.117	-3.411	1.277
1571	15.70	4.320	5.515	5.148	3.821	2.145	0.437	-1.416	-3.856	-7.368	-12.149
1581	15.80	-17.891	-23.801	-28.845	-32.105	-33.097	-31.896	-29.045	-25.290	-21.281	-17.376
1591	15.90	-13.632	-9.940	-6.234	-2.648	0.465	2.648	3.529	2.985	1.199	-1.407
1601	16.00	-4.326	-7.119	-9.496	-11.305	-12.433	-12.714	-11.889	-9.654	-5.793	-0.321
1611	16.10	6.436	13.847	21.098	27.376	32.043	34.756	35.501	34.542	32.314	29.325
1621	16.20	26.061	22.929	20.231	18.147	16.736	15.946	15.656	15.722	16.048	16.622
1631	16.30	17.531	18.918	20.901	23.486	26.505	29.609	32.328	34.178	34.777	33.931
1641	16.40	31.671	28.221	23.931	19.187	14.334	9.632	5.231	1.478	-2.571	-6.129
1651	16.50	-9.647	-13.262	-17.053	-20.981	-24.872	-28.434	-31.327	-33.266	-34.127	-34.006
1661	16.60	-33.209	-32.166	-31.294	-30.859	-30.894	-31.200	-31.435	-31.260	-30.473	-29.099
1671	16.70	-27.377	-25.675	-24.340	-23.558	-23.262	-23.122	-22.629	-21.231	-18.509	-14.315
1681	16.80	-8.848	-2.642	3.547	8.922	12.851	15.035	15.587	14.982	13.901	13.009
1691	16.90	12.753	13.257	14.351	15.712	17.056	18.290	19.541	21.055	23.020	25.392
1701	17.00	27.834	29.801	30.731	30.259	28.341	25.217	21.231	16.607	11.295	4.997
1711	17.10	-2.645	-11.757	-22.009	-32.569	-42.292	-50.064	-55.163	-57.455	-57.353	-55.550
1721	17.20	-52.661	-48.957	-44.318	-38.430	-31.110	-22.608	-13.704	-5.546	0.711	4.304
1731	17.30	5.134	3.781	1.274	-1.271	-3.001	-3.505	-2.796	-1.131	1.210	4.071
1741	17.40	7.446	11.369	15.800	20.507	25.063	29.034	31.921	33.465	33.598	32.422
1751	17.50	30.140	26.984	23.176	18.937	14.510	10.178	6.253	3.025	0.724	-0.539
1761	17.60	-0.774	-0.093	1.333	3.324	5.725	8.422	11.330	14.344	17.269	19.862
1771	17.70	21.608	21.953	20.317	16.278	9.762	1.167	-8.622	-18.383	-26.828	-32.926
1781	17.80	-36.165	-36.651	-35.024	-32.202	-29.069	-26.217	-23.835	-21.766	-19.687	-17.316
1791	17.90	-14.554	-11.515	-8.439	-5.553	-2.957	-0.578	1.779	4.325	7.171	10.249
1801	18.00	13.308	15.978	17.871	18.683	18.272	16.685	14.137	10.953	7.492	4.072
1811	18.10	0.927	-1.803	-4.046	-5.750	-6.852	-7.276	-6.967	-5.955	-4.406	-2.615
1821	18.20	-0.944	0.299	0.974	1.173	1.182	1.361	1.990	3.141	4.664	6.270
1831	18.30	7.686	8.796	9.690	10.600	11.756	13.236	14.899	16.435	17.518	17.956
1841	18.40	17.780	17.192	16.412	15.506	14.291	12.398	9.460	5.349	0.343	-4.888
1851	18.50	-9.470	-12.619	-13.902	-13.360	-11.621	-8.671	-5.598	-2.428	0.887	4.408
1861	18.60	8.199	11.981	15.244	17.402	18.033	17.080	14.903	12.153	9.539	7.565
1871	18.70	6.393	5.842	5.537	5.106	4.337	3.227	1.912	0.539	-0.850	-2.355
1881	18.80	-4.166	-6.456	-9.266	-12.458	-15.743	-18.773	-21.250	-23.004	-24.022	-24.404
1891	18.90	-24.305	-23.859	-23.141	-22.143	-20.780	-18.913	-16.386	-13.068	-8.922	-4.065
1901	19.00	1.184	6.318	10.714	13.771	15.069	14.499	12.301	8.998	5.240	1.623
1911	19.10	-1.462	-3.871	-5.663	-6.975	-7.906	-8.456	-8.551	-8.121	-7.185	-5.875
1921	19.20	-4.379	-2.817	-1.130	0.960	3.862	7.941	13.306	19.677	26.399	32.597
1931	19.30	37.434	40.332	41.089	39.828	36.827	32.329	26.435	19.141	10.506	0.850
1941	19.40	-9.134	-18.436	-25.957	-30.821	-32.643	-31.633	-28.497	-24.174	-19.547	-15.222
1951	19.50	-11.484	-8.390	-5.941	-4.205	-3.336	-3.479	-4.623	-6.509	-8.636	-10.401
1961	19.60	-11.282	-10.996	-9.547	-7.152	-4.102	-0.635	3.108	7.034	10.984	14.663
1971	19.70	17.644	19.489	19.914	18.929	16.859	14.242	11.637	9.437	7.770	6.532
1981	19.80	5.527	4.622	3.843	3.350	3.329	3.846	4.769	5.798	6.590	6.921
1991	19.90	6.795	6.440	6.188	6.308	6.862	7.663	8.346	8.511	7.858	6.261

Table 7-34-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	3.745	0.397	-3.710	-8.547	-14.066	-20.097	-26.258	-31.951	-36.462	-39.149
2011	20.10	-39.634	-37.920	-34.395	-29.702	-24.542	-19.499	-14.927	-10.956	-7.571	-4.732
2021	20.20	-2.451	-0.814	0.067	0.126	-0.596	-1.928	-3.604	-5.328	-6.839	-7.961
2031	20.30	-8.610	-8.788	-8.558	-8.017	-7.286	-6.489	-5.741	-5.123	-4.666	-4.348
2041	20.40	-4.096	-3.824	-3.452	-2.930	-2.223	-1.298	-0.087	1.521	3.659	6.439
2051	20.50	9.889	13.908	18.255	22.577	26.470	29.546	31.485	32.068	31.176	28.795
2061	20.60	25.018	20.057	14.256	8.077	2.053	-3.301	-7.587	-10.603	-12.375	-13.121
2071	20.70	-13.159	-12.813	-12.326	-11.839	-11.415	-11.085	-10.888	-10.869	-11.038	-11.308
2081	20.80	-11.466	-11.197	-10.172	-8.171	-5.197	-1.515	2.390	5.937	8.606	10.068
2091	20.90	10.244	9.276	7.437	5.035	2.332	-0.473	-3.224	-5.767	-7.940	-9.593
2101	21.00	-10.638	-11.096	-11.104	-10.871	-10.576	-10.279	-9.854	-9.007	-7.359	-4.581
2111	21.10	-0.507	4.800	11.060	17.851	24.715	31.233	37.066	41.940	45.618	47.881
2121	21.20	48.546	47.511	44.805	40.596	35.153	28.756	21.605	13.776	5.252	-3.970
2131	21.30	-13.743	-23.680	-33.167	-41.487	-48.023	-52.445	-54.803	-55.466	-54.917	-53.533
2141	21.40	-51.372	-48.153	-43.398	-36.700	-27.992	-17.711	-6.762	3.706	12.619	19.283
2151	21.50	23.546	25.780	26.698	27.091	27.601	28.589	30.118	32.032	34.055	35.881
2161	21.60	37.219	37.820	37.492	36.143	33.815	30.701	27.123	23.456	20.034	17.076
2171	21.70	14.661	12.770	11.351	10.381	9.865	9.791	10.056	10.416	10.519	10.001
2181	21.80	8.618	6.353	3.430	0.223	-2.886	-5.652	-8.029	-10.133	-12.143	-14.187
2191	21.90	-16.302	-18.471	-20.718	-23.182	-26.103	-29.715	-34.074	-38.940	-43.767	-47.871
2201	22.00	-50.678	-51.961	-51.934	-51.126	-50.089	-49.067	-47.790	-45.513	-41.312	-34.515
2211	22.10	-25.085	-13.773	-1.968	8.722	16.966	22.110	24.301	24.331	23.266	22.048
2221	22.20	21.217	20.861	20.755	20.606	20.268	19.819	19.509	19.595	20.199	21.234
2231	22.30	22.446	23.534	24.286	24.651	24.722	24.652	24.536	24.335	23.876	22.923
2241	22.40	21.279	18.889	15.871	12.495	9.098	5.989	3.385	1.375	-0.064	-1.022
2251	22.50	-1.627	-2.029	-2.401	-2.954	-3.935	-5.598	-8.140	-11.633	-15.972	-20.866
2261	22.60	-25.886	-30.563	-34.486	-37.384	-39.146	-39.785	-39.363	-37.918	-35.440	-31.894
2271	22.70	-27.304	-21.831	-15.822	-9.771	-4.223	0.374	3.792	6.084	7.541	8.582
2281	22.80	9.608	10.879	12.457	14.237	16.016	17.588	18.805	19.598	19.951	19.872
2291	22.90	19.371	18.468	17.217	15.724	14.150	12.680	11.472	10.619	10.126	9.933
2301	23.00	9.956	10.125	10.407	10.794	11.267	11.769	12.185	12.372	12.201	11.605
2311	23.10	10.609	9.315	7.863	6.376	4.922	3.502	2.078	0.618	-0.865	-2.294
2321	23.20	-3.543	-4.677	-4.996	-5.078	-4.779	-4.231	-3.602	-3.062	-2.752	-2.759
2331	23.30	-3.111	-3.776	-4.681	-5.726	-6.808	-7.845	-8.786	-9.614	-10.336	-10.967
2341	23.40	-11.518	-11.988	-12.374	-12.678	-12.915	-13.104	-13.253	-13.337	-13.283	-12.986
2351	23.50	-12.340	-11.281	-9.826	-8.075	-6.183	-4.309	-2.564	-0.986	0.442	1.741
2361	23.60	2.890	3.794	4.319	4.356	3.905	3.117	2.283	1.744	1.767	2.445
2371	23.70	3.660	5.137	6.565	7.734	8.611	9.329	10.095	11.046	12.155	13.209
2381	23.80	13.894	13.937	13.242	11.938	10.332	8.772	7.486	6.483	5.561	4.405
2391	23.90	2.749	0.499	-2.217	-5.106	-7.832	-10.147	-11.956	-13.311	-14.329	-15.102
2401	24.00	-15.650	-15.925	-15.883	-15.556	-15.078	-14.657	-14.481	-14.623	-14.994	-15.370
2411	24.10	-15.494	-15.198	-14.493	-13.579	-12.759	-12.309	-12.344	-12.754	-13.228	-13.361
2421	24.20	-12.792	-11.325	-8.982	-5.983	-2.660	0.642	3.662	6.264	8.444	10.288
2431	24.30	11.917	13.436	14.885	16.229	17.367	18.161	18.490	18.289	17.579	16.467
2441	24.40	15.115	13.686	12.299	10.999	9.760	8.520	7.225	5.864	4.472	3.111
2451	24.50	1.830	0.639	-0.498	-1.638	-2.820	-4.034	-5.215	-6.263	-7.080	-7.601
2461	24.60	-7.803	-7.683	-7.221	-6.349	-4.945	-2.873	-0.032	3.576	7.814	12.408
2471	24.70	16.991	21.157	24.527	26.801	27.780	27.384	25.651	22.729	18.858	14.339
2481	24.80	9.486	4.577	-0.184	-4.676	-8.842	-12.638	-15.998	-18.809	-20.930	-22.243
2491	24.90	-22.704	-22.380	-21.436	-20.086	-18.532	-16.909	-15.276	-13.646	-12.038	-10.513

Table 7-34-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-9.170	-8.100	-7.311	-6.682	-5.967	-4.872	-3.166	-0.800	2.042	4.973
2511	25.10	7.516	9.257	9.968	9.665	8.567	6.996	5.255	3.543	1.934	0.424
2521	25.20	-0.997	-2.285	-3.330	-3.992	-4.165	-3.830	-3.072	-2.043	-0.901	0.253
2531	25.30	1.398	2.575	3.836	5.180	6.528	7.736	8.642	9.132	9.183	8.872
2541	25.40	8.334	7.705	7.068	6.424	5.713	4.861	3.840	2.711	1.633	0.828
2551	25.50	0.520	0.862	1.881	3.455	5.332	7.192	8.728	9.724	10.114	9.985
2561	25.60	9.546	9.044	8.685	8.571	8.685	8.924	9.165	9.324	9.384	9.367
2571	25.70	9.271	9.009	8.383	7.137	5.053	2.080	-1.598	-5.574	-9.331	-12.413
2581	25.80	-14.573	-15.837	-16.440	-16.674	-16.702	-16.444	-15.606	-13.819	-10.861	-6.832
2591	25.90	-2.199	2.318	5.981	8.287	9.126	8.782	7.774	6.630	5.682	4.992
2601	26.00	4.413	3.748	2.896	1.928	1.031	0.372	-0.038	-0.397	-1.039	-2.280
2611	26.10	-4.247	-6.792	-9.545	-12.077	-14.100	-15.598	-16.810	-18.087	-19.680	-21.573
2621	26.20	-23.445	-24.791	-25.135	-24.238	-22.189	-19.347	-16.156	-12.935	-9.746	-6.415
2631	26.30	-2.686	1.568	6.188	10.711	14.507	17.014	17.955	17.456	15.985	14.191
2641	26.40	12.652	11.703	11.372	11.439	11.593	11.577	11.289	10.783	10.211	9.729
2651	26.50	9.440	9.378	9.539	9.924	10.563	11.510	12.806	14.435	16.299	18.212
2661	26.60	19.921	21.129	21.521	20.793	18.692	15.067	9.945	3.576	-3.556	-10.796
2671	26.70	-17.443	-22.906	-26.834	-29.167	-30.097	-29.937	-28.986	-27.423	-25.300	-22.613
2681	26.80	-19.425	-15.957	-12.601	-9.836	-8.078	-7.537	-8.134	-9.532	-11.254	-12.839
2691	26.90	-13.958	-14.464	-14.335	-13.593	-12.218	-10.136	-7.275	-3.573	0.447	4.668
2701	27.00	8.462	11.353	13.073	13.660	13.436	12.885	12.465	12.440	12.805	13.316
2711	27.10	13.620	13.410	12.553	11.125	9.361	7.537	5.861	4.406	3.123	1.916
2721	27.20	0.725	-0.408	-1.345	-1.912	-1.996	-1.619	-0.956	-0.282	0.123	0.085
2731	27.30	-0.404	-1.193	-2.041	-2.725	-3.129	-3.279	-3.313	-3.393	-3.620	-3.970
2741	27.40	-4.303	-4.421	-4.158	-3.451	-2.369	-1.079	0.225	1.393	2.370	3.184
2751	27.50	3.908	4.603	5.269	5.868	6.242	6.368	6.185	5.719	5.039	4.232
2761	27.60	3.379	2.535	1.740	1.021	0.396	-0.134	-0.600	-1.066	-1.618	-2.322
2771	27.70	-3.183	-4.125	-4.993	-5.603	-5.806	-5.545	-4.871	-3.918	-2.845	-1.776
2781	27.80	-0.772	0.156	1.002	1.718	2.199	2.309	1.945	1.105	-0.089	-1.417
2791	27.90	-2.636	-3.568	-4.158	-4.466	-4.603	-4.653	-4.605	-4.354	-3.765	-2.766
2801	28.00	-1.420	0.057	1.360	2.206	2.437	2.072	1.284	0.307	-0.671	-1.570
2811	28.10	-2.426	-3.318	-4.284	-5.248	-6.027	-6.391	-6.161	-5.299	-3.927	-2.286
2821	28.20	-0.642	0.811	2.008	3.004	3.918	4.849	5.827	6.798	7.662	8.327
2831	28.30	8.754	8.967	9.029	9.007	8.937	8.824	8.665	8.470	8.282	8.159
2841	28.40	8.139	8.204	8.263	8.185	7.848	7.199	6.288	5.250	4.247	3.388
2851	28.50	2.680	2.013	1.220	0.162	-1.194	-2.739	-4.253	-5.489	-6.278	-6.598
2861	28.60	-6.586	-6.484	-6.542	-6.934	-7.711	-8.815	-10.145	-11.619	-13.212	-14.933
2871	28.70	-16.768	-18.598	-20.172	-21.131	-21.106	-19.852	-17.352	-13.860	-9.843	-5.856
2881	28.80	-2.381	0.297	2.142	3.327	4.133	4.824	5.563	6.385	7.231	8.025
2891	28.90	8.735	9.415	10.189	11.199	12.553	14.278	16.304	18.479	20.606	22.475
2901	29.00	23.900	24.741	24.924	24.459	23.450	22.088	20.627	19.329	18.398	17.929
2911	29.10	17.872	18.047	18.193	18.054	17.445	16.297	14.667	12.691	10.530	8.306
2921	29.20	6.071	3.799	1.420	-1.142	-3.930	-6.926	-10.058	-13.209	-16.248	-19.047
2931	29.30	-21.491	-23.479	-24.912	-25.694	-25.738	-24.990	-23.458	-21.237	-18.518	-15.572
2941	29.40	-12.701	-10.181	-8.205	-6.848	-6.067	-5.737	-5.704	-5.837	-6.061	-6.360
2951	29.50	-6.750	-7.249	-7.846	-8.491	-9.115	-9.652	-10.063	-10.339	-10.492	-10.525
2961	29.60	-10.406	-10.065	-9.400	-8.314	-6.747	-4.709	-2.293	0.333	2.950	5.326
2971	29.70	7.253	8.583	9.254	9.296	8.820	7.989	6.973	5.906	4.855	3.825
2981	29.80	2.784	1.706	0.617	-0.392	-1.185	-1.623	-1.622	-1.180	-0.380	0.651
2991	29.90	1.792	2.966	4.160	5.297	6.391	7.312	7.901	7.991	7.486	6.413

Table 7-34-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	4.932	3.289	1.738	0.451	-0.519	-1.227	-1.781	-2.271	-2.724	-3.120
3011	30.10	-3.434	-3.702	-4.045	-4.647	-5.671	-7.173	-9.037	-10.978	-12.616	-13.581
3021	30.20	-13.622	-12.664	-10.804	-8.251	-5.260	-2.074	1.095	4.056	6.632	8.661
3031	30.30	10.036	10.738	10.863	10.602	10.183	9.785	9.473	9.176	8.722	7.908
3041	30.40	6.581	4.684	2.263	-0.571	-3.677	-6.917	-10.165	-13.182	-15.803	-17.747
3051	30.50	-18.770	-18.724	-17.620	-15.638	-13.093	-10.340	-7.678	-5.286	-3.210	-1.415
3061	30.60	0.151	1.499	2.585	3.345	3.752	3.856	3.791	3.732	3.820	4.099
3071	30.70	4.494	4.838	4.944	4.686	4.055	3.161	2.191	1.335	0.720	0.371
3081	30.80	0.217	0.141	0.033	-0.160	-0.410	-0.627	-0.692	-0.503	-0.006	0.795
3091	30.90	1.844	3.068	4.399	5.792	7.228	8.694	10.160	11.557	12.770	13.659
3101	31.00	14.089	13.971	13.294	12.130	10.620	8.933	7.223	5.603	4.127	2.806
3111	31.10	1.634	0.610	-0.245	-0.889	-1.279	-1.387	-1.221	-0.823	-0.264	0.365
3121	31.20	0.978	1.496	1.861	2.040	2.022	1.817	1.450	0.952	0.353	-0.321
3131	31.30	-1.051	-1.815	-2.593	-3.368	-4.139	-4.933	-5.608	-6.839	-8.073	-9.485
3141	31.40	-10.941	-12.204	-12.983	-13.023	-12.188	-10.522	-8.228	-5.593	-2.871	-0.197
3151	31.50	2.446	5.166	8.048	11.047	13.935	16.357	17.961	18.561	18.239	17.333
3161	31.60	16.312	15.586	15.330	15.423	15.510	15.173	14.124	12.319	9.966	7.398
3171	31.70	4.906	2.611	0.432	-1.823	-4.311	-7.024	-9.752	-12.153	-13.901	-14.819
3181	31.80	-14.942	-14.463	-13.613	-12.521	-11.157	-9.377	-7.049	-4.198	-1.072	1.891
3191	31.90	4.212	5.552	5.839	5.289	4.303	3.293	2.531	2.064	1.751	1.372
3201	32.00	0.748	-0.174	-1.330	-2.597	-3.872	-5.111	-6.320	-7.491	-8.552	-9.346
3211	32.10	-9.684	-9.419	-8.525	-7.120	-5.423	-3.666	-2.010	-0.509	0.855	2.095
3221	32.20	3.136	3.785	3.775	2.863	0.939	-1.906	-5.400	-9.165	-12.826	-16.091
3231	32.30	-18.776	-20.773	-21.992	-22.333	-21.702	-20.081	-17.593	-14.539	-11.350	-8.473
3241	32.40	-6.234	-4.725	-3.787	-3.079	-2.212	-0.884	1.028	3.475	6.302	9.353
3251	32.50	12.542	15.866	19.354	22.980	26.591	29.886	32.471	33.957	34.078	32.766
3261	32.60	30.161	26.574	22.379	17.912	13.409	8.984	4.671	0.693	-3.474	-7.063
3271	32.70	-10.038	-12.160	-13.272	-13.368	-12.618	-11.322	-9.824	-8.403	-7.198	-6.200
3281	32.80	-5.301	-4.395	-3.463	-2.614	-2.050	-1.980	-2.514	-3.610	-5.076	-6.650
3291	32.90	-8.100	-9.302	-10.253	-11.021	-11.653	-12.115	-12.290	-12.040	-11.306	-10.180
3301	33.00	-8.905	-7.786	-7.059	-6.777	-6.772	-6.733	-6.339	-5.415	-4.002	-2.330
3311	33.10	-0.690	0.710	1.845	2.866	3.996	5.381	6.986	8.570	9.780	10.290
3321	33.20	9.931	8.746	6.941	4.773	2.440	0.018	-2.514	-5.198	-8.011	-10.821
3331	33.30	-13.406	-15.517	-16.949	-17.580	-17.355	-16.260	-14.291	-11.472	-7.897	-3.782
3341	33.40	0.533	4.669	8.226	11.100	13.366	15.230	17.071	19.073	21.206	23.183
3351	33.50	24.596	25.075	24.461	22.877	20.670	18.260	15.974	13.943	12.108	10.321
3361	33.60	8.479	6.612	4.893	3.552	2.762	2.548	2.772	3.199	3.594	3.807
3371	33.70	3.801	3.617	3.309	2.892	2.335	1.592	0.661	-0.392	-1.446	-2.381
3381	33.80	-3.138	-3.744	-4.301	-4.916	-5.650	-6.486	-7.367	-8.250	-9.177	-10.277
3391	33.90	-11.715	-13.588	-15.832	-18.189	-20.260	-21.629	-22.014	-21.356	-19.826	-17.733
3401	34.00	-15.391	-13.004	-10.622	-8.187	-5.634	-2.984	-0.394	1.892	3.632	4.698
3411	34.10	5.127	5.110	4.903	4.713	4.622	4.562	4.373	3.893	3.051	1.905
3421	34.20	0.622	-0.594	-1.589	-2.314	-2.840	-3.306	-3.850	-4.537	-5.326	-6.080
3431	34.30	-6.622	-6.803	-6.560	-5.928	-5.011	-3.930	-2.748	-1.443	0.092	1.992
3441	34.40	4.339	7.099	10.090	13.016	15.543	17.401	18.456	18.735	18.390	17.629
3451	34.50	16.633	15.517	14.335	13.115	11.913	10.821	9.947	9.355	9.010	8.765
3461	34.60	8.402	7.726	6.661	5.303	3.895	2.740	2.073	1.965	2.298	2.821
3471	34.70	3.268	3.464	3.389	3.158	2.937	2.846	2.901	3.015	3.063	2.964
3481	34.80	2.737	2.497	2.392	2.519	2.865	3.297	3.618	3.650	3.311	2.638
3491	34.90	1.757	0.823	-0.046	-0.800	-1.445	-2.006	-2.486	-2.860	-3.088	-3.153

Table 7-34-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-3.092	-2.989	-2.946	-3.032	-3.260	-3.586	-3.948	-4.319	-4.740	-5.318
3511	35.10	-6.189	-7.458	-9.158	-11.243	-13.614	-16.169	-18.825	-21.519	-24.166	-26.613
3521	35.20	-28.623	-29.904	-30.194	-29.361	-27.469	-24.793	-21.744	-18.755	-16.159	-14.116
3531	35.30	-12.606	-11.491	-10.595	-9.775	-8.935	-8.006	-6.889	-5.428	-3.425	-0.701
3541	35.40	2.818	7.028	11.633	16.195	20.235	23.353	25.323	26.126	25.923	24.974
3551	35.50	23.551	21.858	19.993	17.966	15.740	13.299	10.697	8.084	5.687	3.757
3561	35.60	2.501	2.010	2.221	2.930	3.841	4.653	5.136	5.188	4.828	4.152
3571	35.70	3.265	2.217	0.984	-0.501	-2.288	-4.344	-6.526	-8.602	-10.318	-11.486
3581	35.80	-12.044	-12.064	-11.709	-11.150	-10.496	-9.753	-8.841	-7.658	-6.144	-4.327
3591	35.90	-2.319	-0.270	1.701	3.554	5.345	7.183	9.167	11.308	13.493	15.483
3601	36.00	16.972	17.661	17.349	15.990	13.718	10.823	7.685	4.696	2.169	0.277
3611	36.10	-0.975	-1.728	-2.212	-2.659	-3.228	-3.967	-4.813	-5.645	-6.354	-6.899
3621	36.20	-7.325	-7.730	-8.204	-8.759	-9.301	-9.648	-9.593	-8.989	-7.812	-6.171
3631	36.30	-4.272	-2.338	-0.544	1.022	2.351	3.466	4.370	5.023	5.351	5.296
3641	36.40	4.861	4.142	3.308	2.557	2.048	1.853	1.951	2.254	2.652	3.062
3651	36.50	3.437	3.758	4.007	4.140	4.092	3.798	3.237	2.452	1.551	0.679
3661	36.60	-0.035	-0.522	-0.794	-0.935	-1.066	-1.299	-1.705	-2.301	-3.060	-3.929
3671	36.70	-4.851	-5.770	-6.642	-7.432	-8.113	-8.672	-9.108	-9.428	-9.633	-9.709
3681	36.80	-9.620	-9.327	-8.807	-8.082	-7.240	-6.419	-5.774	-5.423	-5.404	-5.654
3691	36.90	-6.029	-6.346	-6.445	-6.239	-5.724	-4.970	-4.082	-3.163	-2.284	-1.477
3701	37.00	-0.743	-0.069	0.560	1.153	1.703	2.193	2.590	2.856	2.956	2.889
3711	37.10	2.702	2.509	2.472	2.764	3.513	4.753	6.409	8.320	10.294	12.174
3721	37.20	13.878	15.397	16.750	17.924	18.834	19.329	19.249	18.503	17.132	15.325
3731	37.30	13.358	11.501	9.919	8.627	7.508	6.400	5.194	3.910	2.691	1.745
3741	37.40	1.238	1.215	1.570	2.089	2.535	2.744	2.668	2.366	1.947	1.498
3751	37.50	1.050	0.575	0.034	-0.578	-1.206	-1.759	-2.158	-2.398	-2.564	-2.809
3761	37.60	-3.284	-4.068	-5.127	-6.315	-7.440	-8.324	-8.866	-9.040	-8.869	-8.369
3771	37.70	-7.520	-6.282	-4.644	-2.693	-0.646	1.169	2.400	2.787	2.256	0.954
3781	37.80	-0.801	-2.629	-4.220	-5.423	-6.267	-6.899	-7.484	-8.104	-8.710	-9.141
3791	37.90	-9.202	-8.759	-7.811	-6.502	-5.075	-3.788	-2.829	-2.262	-2.027	-1.989
3801	38.00	-2.002	-1.968	-1.859	-1.702	-1.541	-1.393	-1.230	-0.986	-0.590	-0.006
3811	38.10	0.746	1.597	2.456	3.256	3.975	4.634	5.269	5.884	6.425	6.786
3821	38.20	6.843	6.520	5.839	4.925	3.973	3.165	2.592	2.209	1.849	1.296
3831	38.30	0.381	-0.937	-2.550	-4.243	-5.787	-7.031	-7.947	-8.621	-9.175	-9.686
3841	38.40	-10.125	-10.361	-10.223	-9.593	-8.477	-7.019	-5.457	-4.025	-2.865	-1.988
3851	38.50	-1.282	-0.595	0.186	1.074	1.975	2.739	3.231	3.396	3.284	3.026
3861	38.60	2.777	2.659	2.718	2.926	3.201	3.449	3.594	3.600	3.465	3.212
3871	38.70	2.882	2.519	2.171	1.883	1.694	1.631	1.707	1.927	2.283	2.758
3881	38.80	3.316	3.892	4.381	4.653	4.582	4.091	3.196	2.015	0.755	-0.350
3891	38.90	-1.157	-1.572	-1.689	-1.595	-1.509	-1.509	-1.597	-1.690	-1.679	-1.500
3901	39.00	-1.179	-0.818	-0.551	-0.485	-0.550	-0.695	-0.734	-0.524	-0.007	0.767
3911	39.10	1.663	2.528	3.252	3.797	4.186	4.460	4.621	4.619	4.361	3.770
3921	39.20	2.832	1.635	0.357	-0.779	-1.573	-1.900	-1.737	-1.154	-0.288	0.700
3931	39.30	1.652	2.434	2.947	3.144	3.038	2.711	2.302	1.982	1.909	2.180
3941	39.40	2.810	3.729	4.815	5.926	6.945	7.783	8.377	8.669	8.598	8.101
3951	39.50	7.150	5.773	4.075	2.223	0.401	-1.244	-2.647	-3.840	-4.927	-6.033
3961	39.60	-7.247	-8.587	-9.989	-11.333	-12.483	-13.326	-13.802	-13.917	-13.733	-13.355
3971	39.70	-12.907	-12.504	-12.228	-12.106	-12.103	-12.135	-12.099	-11.915	-11.543	-11.091
3981	39.80	-10.595	-10.175	-9.877	-9.664	-9.419	-8.997	-8.281	-7.242	-5.950	-4.539
3991	39.90	-3.137	-1.797	-0.460	1.032	2.864	5.157	7.900	10.925	13.947	16.654

Table 7-34-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	18.800	20.278	21.133	21.525	21.653	21.674	21.652	21.563	21.229	20.577
4011	40.10	19.492	17.966	16.078	13.974	11.816	9.739	7.806	6.006	4.265	2.494
4021	40.20	0.626	-1.344	-3.358	-5.317	-7.121	-8.708	-10.076	-11.271	-12.351	-13.337
4031	40.30	-14.187	-14.791	-15.012	-14.738	-13.937	-12.684	-11.142	-9.518	-8.005	-6.733
4041	40.40	-5.752	-5.045	-4.562	-4.249	-4.061	-3.959	-3.894	-3.795	-3.579	-3.171
4051	40.50	-2.530	-1.678	-0.687	0.340	1.303	2.141	2.836	3.403	3.866	4.232
4061	40.60	4.485	4.601	4.566	4.402	4.168	3.942	3.798	3.768	3.839	3.954
4071	40.70	4.045	4.055	3.962	3.773	3.508	3.180	2.779	2.278	1.649	0.889
4081	40.80	0.038	-0.821	-1.584	-2.150	-2.461	-2.509	-2.344	-2.049	-1.717	-1.418
4091	40.90	-1.193	-1.040	-0.934	-0.835	-0.703	-0.509	-0.232	0.146	0.640	1.262
4101	41.00	2.016	2.885	3.828	4.775	5.639	6.333	6.808	7.018	6.969	6.674
4111	41.10	6.140	5.352	4.274	2.870	1.140	-0.850	-2.953	-4.957	-6.631	-7.782
4121	41.20	-8.303	-8.197	-7.563	-6.556	-5.345	-4.069	-2.826	-1.681	-0.686	0.111
4131	41.30	0.662	0.943	0.967	0.803	0.563	0.377	0.353	0.550	0.967	1.551
4141	41.40	2.226	2.914	3.553	4.097	4.507	4.740	4.753	4.506	3.979	3.188
4151	41.50	2.183	1.044	-0.127	-1.226	-2.149	-2.808	-3.132	-3.088	-2.690	-2.008
4161	41.60	-1.161	-0.288	0.488	1.097	1.539	1.870	2.160	2.447	2.697	2.810
4171	41.70	2.649	2.101	1.131	-0.197	-1.733	-3.291	-4.713	-5.907	-6.859	-7.609
4181	41.80	-8.206	-8.679	-9.017	-9.194	-9.187	-9.005	-8.691	-8.303	-7.888	-7.457
4191	41.90	-6.978	-6.396	-5.653	-4.708	-3.542	-2.151	-0.531	1.316	3.373	5.571
4201	42.00	7.771	9.763	11.302	12.166	12.223	11.478	10.068	8.223	6.196	4.201
4211	42.10	2.373	0.773	-0.577	-1.650	-2.384	-2.687	-2.467	-1.670	-0.320	1.477
4221	42.20	3.555	5.716	7.772	9.560	10.952	11.849	12.178	11.906	11.053	9.710
4231	42.30	8.040	6.250	4.547	3.089	1.942	1.076	0.390	-0.239	-0.905	-1.642
4241	42.40	-2.429	-3.166	-3.809	-4.304	-4.647	-4.865	-4.988	-5.028	-4.969	-4.778
4251	42.50	-4.429	-3.932	-3.334	-2.719	-2.174	-1.761	-1.503	-1.377	-1.340	-1.351
4261	42.60	-1.396	-1.487	-1.650	-1.894	-2.196	-2.487	-2.678	-2.691	-2.493	-2.117
4271	42.70	-1.666	-1.278	-1.092	-1.205	-1.648	-2.382	-3.314	-4.321	-5.282	-6.097
4281	42.80	-6.693	-7.032	-7.094	-6.878	-6.386	-5.628	-4.620	-3.397	-2.024	-0.603
4291	42.90	0.721	1.778	2.403	2.474	1.952	0.893	-0.559	-2.210	-3.871	-5.403
4301	43.00	-6.744	-7.890	-8.856	-9.630	-10.137	-10.250	-9.829	-8.781	-7.118	-4.969
4311	43.10	-2.561	-0.150	2.049	3.917	5.441	6.685	7.731	8.628	9.361	9.868
4321	43.20	10.075	9.945	9.505	8.845	8.083	7.317	6.592	5.884	5.131	4.265
4331	43.30	3.259	2.145	1.003	-0.069	-0.996	-1.751	-2.356	-2.862	-3.305	-3.685
4341	43.40	-3.953	-4.038	-3.882	-3.478	-2.891	-2.242	-1.663	-1.251	-1.026	-0.925
4351	43.50	-0.833	-0.635	-0.272	0.222	0.734	1.104	1.192	0.920	0.299	-0.586
4361	43.60	-1.614	-2.666	-3.657	-4.538	-5.281	-5.857	-6.230	-6.361	-6.230	-5.859
4371	43.70	-5.310	-4.672	-4.031	-3.442	-2.916	-2.432	-1.960	-1.488	-1.031	-0.622
4381	43.80	-0.286	-0.027	0.177	0.353	0.504	0.594	0.557	0.332	-0.092	-0.647
4391	43.90	-1.192	-1.560	-1.625	-1.356	-0.831	-0.205	0.363	0.774	1.024	1.189
4401	44.00	1.371	1.643	2.013	2.439	2.875	3.325	3.858	4.586	5.605	6.931
4411	44.10	8.479	10.094	11.624	12.997	14.249	15.500	16.859	18.336	19.784	20.925
4421	44.20	21.448	21.140	19.982	18.176	16.067	14.015	12.265	10.880	9.746	8.674
4431	44.30	7.502	6.185	4.808	3.533	2.515	1.819	1.394	1.096	0.759	0.257
4441	44.40	-0.449	-1.317	-2.252	-3.161	-3.979	-4.688	-5.307	-5.873	-6.427	-6.997
4451	44.50	-7.598	-8.227	-8.865	-9.471	-9.999	-10.406	-10.671	-10.808	-10.855	-10.860
4461	44.60	-10.849	-10.807	-10.679	-10.394	-9.896	-9.183	-8.305	-7.355	-6.421	-5.558
4471	44.70	-4.768	-4.012	-3.238	-2.413	-1.535	-0.629	0.282	1.189	2.102	3.024
4481	44.80	3.921	4.711	5.269	5.476	5.273	4.691	3.859	2.954	2.134	1.487
4491	44.90	1.003	0.608	0.217	-0.209	-0.637	-0.988	-1.185	-1.202	-1.090	-0.944

Table 7-34-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.854	-0.844	-0.850	-0.753	-0.443	0.108	0.810	1.474	1.880	1.867
4511	45.10	1.398	0.571	-0.422	-1.373	-2.133	-2.645	-2.937	-3.078	-3.131	-3.129
4521	45.20	-3.079	-2.987	-2.882	-2.816	-2.845	-2.989	-3.208	-3.405	-3.463	-3.300
4531	45.30	-2.908	-2.366	-1.811	-1.382	-1.160	-1.140	-1.237	-1.335	-1.333	-1.191
4541	45.40	-0.939	-0.653	-0.418	-0.295	-0.307	-0.443	-0.687	-1.031	-1.481	-2.043
4551	45.50	-2.703	-3.409	-4.067	-4.565	-4.802	-4.718	-4.316	-3.657	-2.843	-1.993
4561	45.60	-1.213	-0.580	-0.132	0.136	0.260	0.307	0.355	0.483	0.748	1.174
4571	45.70	1.741	2.393	3.057	3.665	4.175	4.577	4.886	5.119	5.277	5.329
4581	45.80	5.221	4.894	4.316	3.496	2.493	1.397	0.301	-0.723	-1.637	-2.435
4591	45.90	-3.118	-3.678	-4.089	-4.308	-4.299	-4.054	-3.608	-3.032	-2.411	-1.822
4601	46.00	-1.316	-0.917	-0.636	-0.490	-0.515	-0.756	-1.243	-1.968	-2.869	-3.843
4611	46.10	-4.777	-5.596	-6.285	-6.889	-7.483	-8.121	-8.800	-9.443	-9.936	-10.173
4621	46.20	-10.110	-9.785	-9.298	-8.758	-8.227	-7.690	-7.060	-6.239	-5.176	-3.916
4631	46.30	-2.598	-1.404	-0.488	0.094	0.407	0.607	0.876	1.352	2.082	3.027
4641	46.40	4.097	5.210	6.330	7.468	8.652	9.887	11.122	12.248	13.128	13.641
4651	46.50	13.719	13.354	12.593	11.509	10.183	8.702	7.170	5.715	4.481	3.599
4661	46.60	3.147	3.115	3.407	3.871	4.359	4.782	5.132	5.464	5.838	6.262
4671	46.70	6.655	6.862	6.715	6.114	5.081	3.773	2.436	1.317	0.590	0.299
4681	46.80	0.367	0.648	0.999	1.333	1.643	1.980	2.604	2.946	3.575	4.209
4691	46.90	4.744	5.093	5.222	5.159	4.985	4.810	4.734	4.816	5.050	5.360
4701	47.00	5.615	5.663	5.382	4.725	3.744	2.581	1.422	0.437	-0.289	-0.774
4711	47.10	-1.123	-1.467	-1.889	-2.371	-2.801	-3.021	-2.920	-2.501	-1.908	-1.384
4721	47.20	-1.179	-1.446	-2.182	-3.233	-4.372	-5.398	-6.220	-6.883	-7.512	-8.221
4731	47.30	-9.026	-9.806	-10.343	-10.413	-9.895	-8.834	-7.432	-5.973	-4.708	-3.768
4741	47.40	-3.131	-2.671	-2.239	-1.761	-1.275	-0.914	-0.831	-1.107	-1.703	-2.455
4751	47.50	-3.136	-3.544	-3.573	-3.240	-2.654	-1.956	-1.256	-0.598	0.032	0.663
4761	47.60	1.296	1.885	2.349	2.614	2.657	2.522	2.312	2.135	2.065	2.107
4771	47.70	2.267	2.297	2.344	2.386	2.527	2.894	3.575	4.562	5.743	6.925
4781	47.80	7.901	8.517	8.720	8.556	8.136	7.585	6.987	6.369	5.708	4.961
4791	47.90	4.105	3.147	2.125	1.094	0.096	-0.848	-1.740	-2.596	-3.436	-4.276
4801	48.00	-5.131	-6.015	-6.932	-7.870	-8.783	-9.593	-10.205	-10.538	-10.567	-10.346
4811	48.10	-10.002	-9.694	-9.561	-9.657	-9.939	-10.275	-10.507	-10.509	-10.233	-9.715
4821	48.20	-9.040	-8.295	-7.526	-6.736	-5.910	-5.061	-4.251	-3.592	-3.190	-3.094
4831	48.30	-3.249	-3.501	-3.653	-3.539	-3.095	-2.376	-1.515	-0.647	0.165	0.960
4841	48.40	1.852	2.946	4.258	5.675	6.976	7.922	8.359	8.285	7.856	7.315
4851	48.50	6.886	6.684	6.679	6.740	6.716	6.523	6.188	5.822	5.556	5.463
4861	48.60	5.507	5.565	5.479	5.132	4.495	3.630	2.649	1.663	0.744	-0.080
4871	48.70	-0.793	-1.357	-1.703	-1.751	-1.453	-0.842	-0.031	0.816	1.548	2.090
4881	48.80	2.466	2.769	3.097	3.485	3.869	4.111	4.062	3.639	2.870	1.889
4891	48.90	0.872	-0.034	-0.768	-1.365	-1.912	-2.493	-3.131	-3.786	-4.375	-4.827
4901	49.00	-5.115	-5.257	-5.293	-5.247	-5.103	-4.826	-4.392	-3.834	-3.244	-2.744
4911	49.10	-2.423	-2.281	-2.214	-2.053	-1.642	-0.920	0.043	1.081	2.015	2.746
4921	49.20	3.308	3.845	4.520	5.404	6.408	7.292	7.755	7.571	6.695	5.287
4931	49.30	3.652	2.109	0.867	-0.038	-0.719	-1.336	-1.990	-2.648	-3.163	-3.351
4941	49.40	-3.100	-2.440	-1.547	-0.670	-0.025	0.289	0.309	0.171	0.020	-0.063
4951	49.50	-0.087	-0.122	-0.238	-0.438	-0.650	-0.754	-0.653	-0.330	0.129	0.569
4961	49.60	0.837	0.851	0.633	0.291	-0.035	-0.237	-0.288	-0.232	-0.145	-0.089
4971	49.70	-0.066	-0.022	0.126	0.447	0.963	1.645	2.430	3.249	4.054	4.811
4981	49.80	5.491	6.046	6.406	6.487	6.226	5.601	4.649	3.448	2.090	0.648
4991	49.90	-0.836	-2.344	-3.853	-5.314	-6.637	-7.712	-8.445	-8.800	-8.811	-8.582

Table 7-34-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-8.244	-7.911	-7.642	-7.438	-7.252	-7.023	-6.707	-6.287	-5.769	-5.156
5011	50.10	-4.435	-3.571	-2.518	-1.246	0.247	1.917	3.681	5.432	7.051	8.415
5021	50.20	9.414	9.954	9.983	9.508	8.618	7.483	6.318	5.330	4.648	4.279
5031	50.30	4.099	3.896	3.457	2.650	1.486	0.113	-1.233	-2.324	-3.019	-3.308
5041	50.40	-3.296	-3.137	-2.961	-2.813	-2.646	-2.353	-1.837	-1.063	-0.086	0.968
5051	50.50	1.952	2.748	3.312	3.664	3.869	3.993	4.073	4.109	4.079	3.968
5061	50.60	3.789	3.593	3.455	3.453	3.643	4.039	4.615	5.303	6.008	6.614
5071	50.70	7.006	7.079	6.768	6.063	5.021	3.757	2.415	1.129	-0.016	-1.002
5081	50.80	-1.876	-2.713	-3.576	-4.481	-5.386	-6.211	-6.870	-7.310	-7.533	-7.591
5091	50.90	-7.562	-7.523	-7.521	-7.573	-7.670	-7.801	-7.964	-8.168	-8.425	-8.727
5101	51.00	-9.044	-9.317	-9.478	-9.467	-9.251	-8.830	-8.231	-7.497	-6.668	-5.775
5111	51.10	-4.843	-3.894	-2.958	-2.078	-1.306	-0.693	-0.283	-0.101	-0.143	-0.384
5121	51.20	-0.775	-1.253	-1.755	-2.228	-2.631	-2.944	-3.158	-3.261	-3.235	-3.044
5131	51.30	-2.647	-2.017	-1.163	-0.149	0.910	1.865	2.581	2.975	3.043	2.868
5141	51.40	2.582	2.324	2.187	2.196	2.305	2.440	2.537	2.588	2.651	2.829
5151	51.50	3.227	3.901	4.829	5.910	6.992	7.924	8.601	8.987	9.114	9.053
5161	51.60	8.871	8.611	8.278	7.855	7.339	6.755	6.174	5.683	5.364	5.244
5171	51.70	5.289	5.399	5.447	5.321	4.959	4.367	3.602	2.744	1.857	0.968
5181	51.80	0.069	-0.859	-1.815	-2.758	-3.609	-4.273	-4.675	-4.790	-4.655	-4.351
5191	51.90	-3.973	-3.594	-3.251	-2.945	-2.659	-2.387	-2.146	-1.971	-1.904	-1.968
5201	52.00	-2.151	-2.411	-2.690	-2.935	-3.108	-3.194	-3.187	-3.081	-2.870	-2.552
5211	52.10	-2.153	-1.733	-1.384	-1.211	-1.293	-1.650	-2.228	-2.912	-3.564	-4.069
5221	52.20	-4.372	-4.486	-4.479	-4.432	-4.402	-4.403	-4.407	-4.363	-4.231	-3.996
5231	52.30	-3.676	-3.307	-2.921	-2.532	-2.128	-1.682	-1.170	-0.585	0.055	0.710
5241	52.40	1.338	1.906	2.408	2.862	3.306	3.789	4.332	4.939	5.577	6.185
5251	52.50	6.691	7.037	7.197	7.189	7.074	6.933	6.844	6.854	6.967	7.149
5261	52.60	7.343	7.498	7.583	7.591	7.525	7.383	7.141	6.764	6.218	5.494
5271	52.70	4.626	3.676	2.711	1.768	0.831	-0.161	-1.280	-2.549	-3.907	-5.192
5281	52.80	-6.184	-6.670	-6.523	-5.753	-4.499	-2.986	-1.442	-0.028	1.192	2.233
5291	52.90	3.138	3.910	4.488	4.751	4.575	3.896	2.761	1.325	-0.191	-1.566
5301	53.00	-2.650	-3.397	-3.852	-4.111	-4.263	-4.359	-4.402	-4.373	-4.262	-4.096
5311	53.10	-3.932	-3.840	-3.866	-4.018	-4.261	-4.542	-4.820	-5.085	-5.355	-5.657
5321	53.20	-5.997	-6.340	-6.620	-6.761	-6.716	-6.495	-6.155	-5.780	-5.433	-5.125
5331	53.30	-4.805	-4.387	-3.791	-2.997	-2.056	-1.078	-0.190	0.520	1.034	1.406
5341	53.40	1.726	2.077	2.486	2.919	3.308	3.591	3.762	3.885	4.074	4.447
5351	53.50	5.064	5.897	6.825	7.678	8.291	8.566	8.493	8.142	7.621	7.028
5361	53.60	6.413	5.767	5.044	4.196	3.209	2.126	1.035	0.051	-0.723	-1.225
5371	53.70	-1.445	-1.426	-1.244	-0.988	-0.737	-0.548	-0.450	-0.446	-0.527	-0.681
5381	53.80	-0.899	-1.183	-1.539	-1.972	-2.475	-3.019	-3.560	-4.038	-4.403	-4.619
5391	53.90	-4.680	-4.608	-4.437	-4.204	-3.934	-3.639	-3.325	-3.002	-2.699	-2.455
5401	54.00	-2.316	-2.311	-2.438	-2.661	-2.914	-3.130	-3.261	-3.298	-3.268	-3.221
5411	54.10	-3.209	-3.260	-3.369	-3.508	-3.637	-3.724	-3.756	-3.739	-3.689	-3.620
5421	54.20	-3.534	-3.427	-3.289	-3.123	-2.942	-2.774	-2.615	-2.571	-2.547	-2.548
5431	54.30	-2.534	-2.462	-2.297	-2.020	-1.624	-1.119	-0.524	0.129	0.798	1.432
5441	54.40	1.980	2.402	2.682	2.831	2.885	2.883	2.851	2.789	2.667	2.443
5451	54.50	2.094	1.636	1.131	0.677	0.370	0.271	0.381	0.644	0.975	1.302
5461	54.60	1.600	1.909	2.303	2.858	3.594	4.459	5.330	6.055	6.507	6.635
5471	54.70	6.478	6.149	5.787	5.509	5.376	5.389	5.510	5.694	5.921	6.191
5481	54.80	6.517	6.894	7.284	7.613	7.801	7.783	7.541	7.101	6.522	5.863
5491	54.90	5.164	4.432	3.656	2.828	1.962	1.091	0.257	-0.519	-1.247	-1.969

Table 7-34-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-2.731	-3.549	-4.388	-5.156	-5.741	-6.053	-6.064	-5.825	-5.444	-5.039
5511	55.10	-4.688	-4.405	-4.147	-3.853	-3.492	-3.098	-2.763	-2.600	-2.685	-3.009
5521	55.20	-3.472	-3.913	-4.171	-4.141	-3.815	-3.268	-2.617	-1.964	-1.360	-0.792
5531	55.30	-0.214	0.413	1.082	1.737	2.290	2.666	2.840	2.851	2.787	2.748
5541	55.40	2.800	2.954	3.167	3.362	3.472	3.455	3.317	3.090	2.822	2.554
5551	55.50	2.315	2.130	2.019	2.008	2.116	2.348	2.676	3.045	3.383	3.626
5561	55.60	3.737	3.716	3.592	3.397	3.152	2.847	2.459	1.967	1.378	0.739
5571	55.70	0.128	-0.377	-0.724	-0.915	-1.000	-1.050	-1.130	-1.263	-1.431	-1.592
5581	55.80	-1.711	-1.789	-1.874	-2.038	-2.341	-2.792	-3.336	-3.868	-4.275	-4.491
5591	55.90	-4.528	-4.482	-4.489	-4.672	-5.077	-5.652	-6.254	-6.708	-6.871	-6.686
5601	56.00	-6.210	-5.583	-4.979	-4.536	-4.314	-4.271	-4.299	-4.262	-4.057	-3.646
5611	56.10	-3.061	-2.383	-1.702	-1.080	-0.533	-0.035	0.459	0.986	1.551	2.127
5621	56.20	2.665	3.126	3.492	3.781	4.031	4.277	4.526	4.737	4.831	4.714
5631	56.30	4.308	3.587	2.588	1.404	0.155	-1.044	-2.113	-3.019	-3.769	-4.387
5641	56.40	-4.892	-5.278	-5.519	-5.576	-5.424	-5.065	-4.540	-3.916	-3.267	-2.660
5651	56.50	-2.128	-1.672	-1.265	-0.871	-0.460	-0.025	0.414	0.817	1.141	1.355
5661	56.60	1.454	1.465	1.438	1.430	1.484	1.616	1.812	2.034	2.241	2.406
5671	56.70	2.527	2.623	2.720	2.832	2.947	3.033	3.048	2.969	2.808	2.616
5681	56.80	2.463	2.410	2.473	2.614	2.747	2.774	2.623	2.280	1.798	1.270
5691	56.90	0.791	0.419	0.151	-0.064	-0.301	-0.611	-1.001	-1.425	-1.813	-2.098
5701	57.00	-2.253	-2.299	-2.289	-2.280	-2.309	-2.372	-2.438	-2.463	-2.422	-2.313
5711	57.10	-2.158	-1.980	-1.782	-1.540	-1.211	-0.756	-0.167	0.518	1.226	1.868
5721	57.20	2.370	2.700	2.858	2.865	2.729	2.429	1.913	1.128	0.058	-1.239
5731	57.30	-2.627	-3.909	-4.882	-5.395	-5.397	-4.944	-4.179	-3.276	-2.387	-1.595
5741	57.40	-0.911	-0.291	0.328	0.985	1.678	2.364	2.976	3.457	3.774	3.929
5751	57.50	3.954	3.895	3.795	3.692	3.613	3.578	3.600	3.686	3.830	4.011
5761	57.60	4.192	4.333	4.394	4.352	4.198	3.936	3.573	3.113	2.553	1.891
5771	57.70	1.137	0.317	-0.521	-1.325	-2.044	-2.645	-3.116	-3.464	-3.696	-3.817
5781	57.80	-3.821	-3.703	-3.465	-3.132	-2.748	-2.366	-2.030	-1.756	-1.531	-1.320
5791	57.90	-1.090	-0.825	-0.537	-0.260	-0.026	0.153	0.295	0.447	0.663	0.982
5801	58.00	1.413	1.937	2.526	3.158	3.829	4.543	5.296	6.047	6.712	7.175
5811	58.10	7.326	7.099	6.699	5.606	4.542	3.429	2.343	1.300	0.266	-0.798
5821	58.20	-1.903	-2.999	-3.986	-4.748	-5.199	-5.325	-5.195	-4.939	-4.710	-4.637
5831	58.30	-4.785	-5.147	-5.654	-6.197	-6.654	-6.910	-6.872	-6.477	-5.701	-4.567
5841	58.40	-3.148	-1.558	0.068	1.604	2.957	4.091	5.016	5.771	6.388	6.872
5851	58.50	7.188	7.276	7.080	6.582	5.818	4.884	3.901	2.988	2.216	1.595
5861	58.60	1.075	0.569	-0.012	-0.724	-1.577	-2.532	-3.523	-4.481	-5.355	-6.129
5871	58.70	-6.810	-7.416	-7.955	-8.411	-8.747	-8.919	-8.895	-8.683	-8.329	-7.913
5881	58.80	-7.521	-7.213	-7.002	-6.848	-6.673	-6.392	-5.946	-5.321	-4.544	-3.665
5891	58.90	-2.733	-1.775	-0.797	0.199	1.187	2.106	2.862	3.361	3.547	3.440
5901	59.00	3.139	2.797	2.568	2.542	2.716	2.992	3.227	3.292	3.136	2.807
5911	59.10	2.435	2.168	2.113	2.290	2.626	2.992	3.269	3.397	3.396	3.351
5921	59.20	3.365	3.509	3.790	4.161	4.550	4.902	5.207	5.498	5.821	6.201
5931	59.30	6.617	7.005	7.295	7.444	7.468	7.435	7.433	7.524	7.703	7.895
5941	59.40	7.989	7.886	7.550	7.026	6.414	5.821	5.305	4.851	4.376	3.781
5951	59.50	3.005	2.060	1.032	0.038	-0.831	-1.559	-2.211	-2.903	-3.734	-4.735
5961	59.60	-5.839	-6.905	-7.767	-8.306	-8.494	-8.400	-8.150	-7.871	-7.641	-7.458
5971	59.70	-7.260	-6.965	-6.519	-5.925	-5.246	-4.577	-4.003	-3.562	-3.238	-2.966
5981	59.80	-2.671	-2.293	-1.820	-1.280	-0.733	-0.237	0.174	0.504	0.787	1.067
5991	59.90	1.373	1.699	2.002	2.218	2.291	2.197	1.958	1.637	1.304	1.008

Table 7-34-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.748	0.472	0.101	-0.431	-1.140	-1.972	-2.822	-3.573	-4.146	-4.530
6011	60.10	-4.785	-4.998	-5.242	-5.522	-5.774	-5.885	-5.750	-5.320	-4.626	-3.759
6021	60.20	-2.830	-1.917	-1.040	-0.172	0.716	1.613	2.444	3.089	3.439	3.456
6031	60.30	3.210	2.868	2.626	2.629	2.912	3.378	3.852	4.161	4.211	4.029
6041	60.40	3.734	3.471	3.333	3.308	3.288	3.126	2.714	2.045	1.225	0.422
6051	60.50	-0.204	-0.576	-0.729	-0.789	-0.905	-1.178	-1.613	-2.120	-2.560	-2.815
6061	60.60	-2.841	-2.691	-2.491	-2.379	-2.454	-2.731	-3.147	-3.591	-3.955	-4.172
6071	60.70	-4.238	-4.198	-4.112	-4.021	-3.931	-3.813	-3.624	-3.337	-2.959	-2.528
6081	60.80	-2.092	-1.682	-1.290	-0.862	-0.329	0.363	1.213	2.151	3.053	3.782
6091	60.90	4.236	4.388	4.291	4.051	3.782	3.560	3.394	3.239	3.027	2.711
6101	61.00	2.294	1.831	1.404	1.084	0.902	0.841	0.859	0.912	0.981	1.079
6111	61.10	1.226	1.430	1.659	1.846	1.911	1.795	1.491	1.049	0.551	0.086
6121	61.20	-0.290	-0.559	-0.735	-0.840	-0.875	-0.824	-0.657	-0.359	0.053	0.536
6131	61.30	1.036	1.512	1.960	2.398	2.844	3.287	3.671	3.905	3.909	3.655
6141	61.40	3.194	2.647	2.159	1.836	1.705	1.702	1.712	1.631	1.417	1.110
6151	61.50	0.801	0.575	0.453	0.370	0.200	-0.183	-0.833	-1.700	-2.641	-3.477
6161	61.60	-4.074	-4.392	-4.498	-4.525	-4.599	-4.779	-5.032	-5.251	-5.313	-5.140
6171	61.70	-4.731	-4.166	-3.566	-3.042	-2.658	-2.416	-2.268	-2.144	-1.985	-1.750
6181	61.80	-1.425	-1.015	-0.535	-0.017	0.498	0.952	1.287	1.460	1.465	1.338
6191	61.90	1.150	0.980	0.890	0.901	0.996	1.132	1.274	1.413	1.567	1.772
6201	62.00	2.052	2.402	2.776	3.111	3.346	3.451	3.442	3.367	3.293	3.271
6211	62.10	3.326	3.451	3.617	3.790	3.938	4.040	4.077	4.031	3.885	3.634
6221	62.20	3.289	2.886	2.476	2.110	1.819	1.605	1.442	1.297	1.149	1.002
6231	62.30	0.883	0.825	0.837	0.895	0.941	0.912	0.774	0.541	0.285	0.098
6241	62.40	0.049	0.140	0.287	0.345	0.159	-0.373	-1.249	-2.354	-3.501	-4.490
6251	62.50	-5.178	-5.523	-5.582	-5.474	-5.320	-5.195	-5.098	-4.972	-4.736	-4.336
6261	62.60	-3.772	-3.102	-2.418	-1.808	-1.323	-0.958	-0.666	-0.382	-0.052	0.348
6271	62.70	0.806	1.291	1.769	2.224	2.661	3.096	3.539	3.980	4.376	4.666
6281	62.80	4.778	4.656	4.275	3.641	2.789	1.767	0.628	-0.579	-1.803	-2.986
6291	62.90	-4.056	-4.938	-5.565	-5.907	-5.989	-5.891	-5.732	-5.629	-5.660	-5.831
6301	63.00	-6.079	-6.297	-6.383	-6.280	-6.004	-5.628	-5.247	-4.926	-4.668	-4.411
6311	63.10	-4.060	-3.539	-2.828	-1.985	-1.115	-0.325	0.329	0.868	1.369	1.924
6321	63.20	2.584	3.320	4.036	4.615	4.978	5.137	5.193	5.289	5.545	5.985
6331	63.30	6.518	6.969	7.152	6.957	6.398	5.609	4.790	4.118	3.682	3.458
6341	63.40	3.336	3.189	2.937	2.583	2.201	1.887	1.702	1.637	1.617	1.545
6351	63.50	1.358	1.063	0.739	0.498	0.432	0.558	0.811	1.068	1.201	1.136
6361	63.60	0.881	0.518	0.167	-0.068	-0.135	-0.052	0.121	0.308	0.461	0.572
6371	63.70	0.671	0.796	0.967	1.167	1.343	1.426	1.352	1.097	0.681	0.168
6381	63.80	-0.359	-0.823	-1.183	-1.446	-1.669	-1.936	-2.335	-2.921	-3.692	-4.581
6391	63.90	-5.474	-6.239	-6.768	-7.013	-6.995	-6.795	-6.521	-6.262	-6.058	-5.889
6401	64.00	-5.692	-5.401	-4.982	-4.458	-3.909	-3.440	-3.140	-3.043	-3.117	-3.275
6411	64.10	-3.406	-3.421	-3.278	-2.987	-2.596	-2.161	-1.720	-1.280	-0.834	-0.375
6421	64.20	0.084	0.500	0.814	0.979	0.980	0.848	0.650	0.458	0.323	0.250
6431	64.30	0.203	0.132	0.003	-0.168	-0.316	-0.349	-0.188	0.188	0.727	1.309
6441	64.40	1.794	2.072	2.102	1.929	1.659	1.414	1.281	1.288	1.399	1.542
6451	64.50	1.655	1.713	1.736	1.777	1.887	2.089	2.364	2.658	2.909	3.073
6461	64.60	3.137	3.119	3.054	2.973	2.896	2.829	2.774	2.743	2.750	2.811
6471	64.70	2.919	3.041	3.117	3.081	2.883	2.511	2.000	1.412	0.815	0.253
6481	64.80	-0.259	-0.733	-1.180	-1.589	-1.919	-2.112	-2.125	-1.954	-1.657	-1.337
6491	64.90	-1.108	-1.049	-1.167	-1.393	-1.606	-1.682	-1.546	-1.202	-0.729	-0.249

Table 7-34-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.117	0.302	0.305	0.187	0.039	-0.058	-0.062	0.022	0.154	0.292
6511	65.10	0.410	0.517	0.651	0.855	1.155	1.543	1.975	2.387	2.721	2.947
6521	65.20	3.070	3.127	3.159	3.187	3.204	3.168	3.031	2.760	2.362	1.890
6531	65.30	1.425	1.047	0.805	0.702	0.698	0.734	0.762	0.761	0.742	0.726
6541	65.40	0.726	0.732	0.712	0.639	0.511	0.369	0.287	0.342	0.579	0.980
6551	65.50	1.467	1.939	2.307	2.540	2.674	2.781	2.929	3.134	3.345	3.460
6561	65.60	3.377	3.036	2.457	1.721	0.940	0.206	-0.439	-0.999	-1.499	-1.941
6571	65.70	-2.291	-2.491	-2.503	-2.351	-2.143	-2.047	-2.230	-2.780	-3.665	-4.729
6581	65.80	-5.750	-6.525	-6.939	-7.004	-6.822	-6.533	-6.238	-5.960	-5.657	-5.260
6591	65.90	-4.730	-4.088	-3.416	-2.810	-2.343	-2.033	-1.849	-1.748	-1.705	-1.731
6601	66.00	-1.854	-2.070	-2.311	-2.438	-2.275	-1.693	-0.669	0.669	2.080	3.291
6611	66.10	4.102	4.463	4.492	4.417	4.480	4.632	5.479	6.287	7.051	7.580
6621	66.20	7.771	7.635	7.268	6.798	6.323	5.883	5.457	5.003	4.489	3.917
6631	66.30	3.326	2.762	2.260	1.823	1.422	1.019	0.581	0.098	-0.418	-0.941
6641	66.40	-1.445	-1.912	-2.334	-2.705	-3.018	-3.262	-3.431	-3.525	-3.557	-3.566
6651	66.50	-3.508	-3.447	-3.349	-3.193	-2.963	-2.664	-2.321	-1.978	-1.675	-1.432
6661	66.60	-1.237	-1.055	-0.847	-0.594	-0.311	-0.048	0.130	0.167	0.046	-0.209
6671	66.70	-0.541	-0.884	-1.189	-1.441	-1.653	-1.855	-2.064	-2.277	-2.467	-2.601
6681	66.80	-2.663	-2.668	-2.667	-2.727	-2.910	-3.240	-3.698	-4.225	-4.748	-5.204
6691	66.90	-5.561	-5.818	-5.994	-6.101	-6.134	-6.063	-5.848	-5.464	-4.919	-4.260
6701	67.00	-3.569	-2.928	-2.397	-1.992	-1.689	-1.440	-1.198	-0.944	-0.690	-0.473
6711	67.10	-0.328	-0.268	-0.277	-0.314	-0.337	-0.326	-0.293	-0.278	-0.327	-0.462
6721	67.20	-0.670	-0.898	-1.077	-1.151	-1.106	-0.975	-0.823	-0.713	-0.674	-0.684
6731	67.30	-0.677	-0.569	-0.297	0.156	0.754	1.428	2.110	2.756	3.360	3.940
6741	67.40	4.515	5.075	5.575	5.950	6.140	6.120	5.912	5.573	5.163	4.715
6751	67.50	4.218	3.631	2.917	2.082	1.194	0.377	-0.238	-0.565	-0.606	-0.457
6761	67.60	-0.269	-0.189	-0.291	-0.550	-0.849	-1.032	-0.972	-0.622	-0.029	0.689
6771	67.70	1.402	2.014	2.497	2.881	3.224	3.572	3.934	4.276	4.553	4.728
6781	67.80	4.799	4.797	4.768	4.750	4.753	4.758	4.733	4.649	4.500	4.305
6791	67.90	4.097	3.906	3.752	3.636	3.550	3.482	3.423	3.364	3.294	3.194
6801	68.00	3.042	2.821	2.529	2.184	1.814	1.452	1.112	0.785	0.447	0.068
6811	68.10	-0.366	-0.850	-1.363	-1.883	-2.401	-2.925	-3.469	-4.030	-4.574	-5.033
6821	68.20	-5.327	-5.402	-5.262	-4.977	-4.666	-4.445	-4.378	-4.443	-4.538	-4.525
6831	68.30	-4.286	-3.781	-3.061	-2.246	-1.468	-0.818	-0.310	0.109	0.524	0.994
6841	68.40	1.526	2.064	2.523	2.831	2.969	2.970	2.904	2.831	2.772	2.697
6851	68.50	2.542	2.256	1.831	1.322	0.828	0.453	0.264	0.280	0.377	0.522
6861	68.60	0.612	0.610	0.538	0.454	0.420	0.464	0.563	0.653	0.656	0.518
6871	68.70	0.233	-0.153	-0.559	-0.902	-1.124	-1.215	-1.204	-1.142	-1.083	-1.060
6881	68.80	-1.080	-1.134	-1.205	-1.281	-1.360	-1.443	-1.530	-1.605	-1.645	-1.625
6891	68.90	-1.529	-1.364	-1.156	-0.942	-0.753	-0.599	-0.472	-0.349	-0.220	-0.098
6901	69.00	-0.029	-0.073	-0.280	-0.657	-1.151	-1.659	-2.057	-2.245	-2.189	-1.929
6911	69.10	-1.569	-1.231	-1.011	-0.939	-0.981	-1.061	-1.107	-1.089	-1.034	-1.009
6921	69.20	-1.086	-1.298	-1.616	-1.950	-2.186	-2.229	-2.036	-1.631	-1.089	-0.500
6931	69.30	0.061	0.563	1.007	1.417	1.809	2.181	2.513	2.781	2.974	3.103
6941	69.40	3.196	3.283	3.374	3.455	3.494	3.462	3.351	3.193	3.046	2.967
6951	69.50	2.988	3.090	3.202	3.230	3.091	2.747	2.229	1.616	1.010	0.493
6961	69.60	0.092	-0.219	-0.505	-0.833	-1.232	-1.681	-2.115	-2.452	-2.634	-2.652
6971	69.70	-2.554	-2.423	-2.346	-2.378	-2.522	-2.735	-2.952	-3.113	-3.186	-3.177
6981	69.80	-3.120	-3.051	-2.996	-2.963	-2.945	-2.941	-2.966	-3.050	-3.226	-3.508
6991	69.90	-3.874	-4.263	-4.592	-4.788	-4.815	-4.695	-4.493	-4.295	-4.168	-4.130

Table 7-34-15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-4.147	-4.149	-4.064	-3.855	-3.534	-3.156	-2.794	-2.502	-2.290	-2.129
7011	70.10	-1.962	-1.741	-1.450	-1.119	-0.810	-0.592	-0.513	-0.584	-0.778	-1.044
7021	70.20	-1.333	-1.604	-1.838	-2.023	-2.147	-2.191	-2.132	-1.956	-1.667	-1.298
7031	70.30	-0.902	-0.532	-0.228	0.003	0.183	0.350	0.538	0.760	1.000	1.220
7041	70.40	1.382	1.465	1.475	1.445	1.421	1.444	1.530	1.670	1.833	1.980
7051	70.50	2.083	2.128	2.122	2.079	2.020	1.959	1.911	1.894	1.937	2.077
7061	70.60	2.357	2.801	3.406	4.123	4.867	5.534	6.031	6.313	6.391	6.340
7071	70.70	6.264	6.268	6.415	6.707	7.086	7.458	7.733	7.850	7.802	7.625
7081	70.80	7.378	7.115	6.867	6.629	6.379	6.092	5.756	5.381	4.990	4.610
7091	70.90	4.259	3.942	3.653	3.389	3.154	2.957	2.804	2.687	2.578	2.436
7101	71.00	2.219	1.905	1.504	1.057	0.625	0.258	-0.013	-0.196	-0.323	-0.438
7111	71.10	-0.570	-0.728	-0.897	-1.046	-1.148	-1.184	-1.154	-1.069	-0.954	-0.835
7121	71.20	-0.743	-0.709	-0.759	-0.903	-1.127	-1.389	-1.630	-1.791	-1.844	-1.812
7131	71.30	-1.766	-1.809	-2.030	-2.467	-3.085	-3.780	-4.416	-4.881	-5.125	-5.182
7141	71.40	-5.148	-5.138	-5.233	-5.445	-5.710	-5.923	-5.977	-5.815	-5.445	-4.939
7151	71.50	-4.329	-3.920	-3.553	-3.297	-3.108	-2.920	-2.676	-2.344	-1.923	-1.440
7161	71.60	-0.934	-0.442	0.007	0.400	0.739	1.033	1.297	1.539	1.757	1.937
7171	71.70	2.053	2.081	2.001	1.816	1.550	1.245	0.951	0.707	0.536	0.431
7181	71.80	0.368	0.310	0.225	0.095	-0.078	-0.277	-0.477	-0.653	-0.786	-0.870
7191	71.90	-0.906	-0.906	-0.882	-0.845	-0.799	-0.746	-0.684	-0.616	-0.552	-0.512
7201	72.00	-0.527	-0.622	-0.811	-1.083	-1.402	-1.711	-1.951	-2.080	-2.086	-1.994
7211	72.10	-1.855	-1.728	-1.661	-1.673	-1.757	-1.882	-2.006	-2.097	-2.135	-2.120
7221	72.20	-2.065	-1.994	-1.932	-1.898	-1.904	-1.943	-1.995	-2.025	-1.999	-1.897
7231	72.30	-1.728	-1.533	-1.378	-1.327	-1.418	-1.635	-1.913	-2.158	-2.281	-2.245
7241	72.40	-2.076	-1.857	-1.691	-1.643	-1.710	-1.807	-1.795	-1.542	-0.975	-0.121
7251	72.50	0.904	1.931	2.800	3.415	3.765	3.917	3.967	4.003	4.063	4.134
7261	72.60	4.173	4.138	4.013	3.817	3.589	3.363	3.146	2.912	2.611	2.203
7271	72.70	1.674	1.055	0.412	-0.175	-0.639	-0.946	-1.105	-1.157	-1.154	-1.140
7281	72.80	-1.135	-1.134	-1.113	-1.044	-0.909	-0.711	-0.478	-0.250	-0.077	0.006
7291	72.90	-0.014	-0.116	-0.256	-0.375	-0.422	-0.380	-0.269	-0.147	-0.086	-0.144
7301	73.00	-0.333	-0.612	-0.893	-1.072	-1.069	-0.858	-0.477	-0.017	0.420	0.758
7311	73.10	0.973	1.100	1.208	1.366	1.605	1.912	2.232	2.501	2.680	2.770
7321	73.20	2.813	2.865	2.965	3.114	3.267	3.353	3.308	3.105	2.764	2.346
7331	73.30	1.922	1.546	1.238	0.983	0.753	0.529	0.319	0.155	0.077	0.108
7341	73.40	0.236	0.416	0.584	0.687	0.703	0.667	0.562	0.492	0.461	0.464
7351	73.50	0.471	0.451	0.389	0.294	0.196	0.127	0.102	0.111	0.128	0.125
7361	73.60	0.090	0.037	-0.010	-0.029	-0.025	-0.028	-0.085	-0.230	-0.461	-0.727
7371	73.70	-0.945	-1.032	-0.939	-0.675	-0.303	0.088	0.426	0.683	0.884	1.084
7381	73.80	1.329	1.628	1.932	2.159	2.226	2.089	1.766	1.328	0.870	0.473
7391	73.90	0.175	-0.033	-0.184	-0.311	-0.424	-0.512	-0.552	-0.542	-0.506	-0.498
7401	74.00	-0.573	-0.759	-1.040	-1.362	-1.654	-1.866	-1.992	-2.070	-2.162	-2.315
7411	74.10	-2.538	-2.797	-3.035	-3.208	-3.313	-3.391	-3.505	-3.702	-3.978	-4.275
7421	74.20	-4.505	-4.594	-4.528	-4.361	-4.191	-4.112	-4.158	-4.275	-4.339	-4.209
7431	74.30	-3.791	-3.086	-2.196	-1.277	-0.479	0.125	0.553	0.903	1.294	1.806
7441	74.40	2.441	3.132	3.776	4.290	4.648	4.885	5.067	5.252	5.450	5.625
7451	74.50	5.714	5.673	5.510	5.291	5.113	5.058	5.152	5.345	5.535	5.608
7461	74.60	5.491	5.183	4.752	4.299	3.914	3.631	3.422	3.210	2.914	2.483
7471	74.70	1.919	1.273	0.616	0.006	-0.536	-1.023	-1.488	-1.956	-2.422	-2.868
7481	74.80	-3.182	-3.383	-3.452	-3.434	-3.409	-3.461	-3.641	-3.949	-4.329	-4.695
7491	74.90	-4.963	-5.084	-5.061	-4.945	-4.802	-4.688	-4.618	-4.565	-4.471	-4.280

Table 7-34-16 TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-3.967	-3.551	-3.090	-2.664	-2.334	-2.126	-2.018	-1.956	-1.876	-1.736
7511	75.10	-1.526	-1.272	-1.017	-0.798	-0.629	-0.491	-0.341	-0.134	0.160	0.543
7521	75.20	0.984	1.432	1.830	2.132	2.312	2.372	2.334	2.235	2.114	2.011
7531	75.30	1.950	1.945	1.992	2.073	2.157	2.212	2.206	2.117	1.936	1.672
7541	75.40	1.346	0.994	0.654	0.358	0.124	-0.051	-0.193	-0.338	-0.526	-0.774
7551	75.50	-1.074	-1.385	-1.650	-1.821	-1.874	-1.829	-1.740	-1.672	-1.675	-1.760
7561	75.60	-1.896	-2.029	-2.107	-2.113	-2.075	-2.050	-2.097	-2.237	-2.439	-2.623
7571	75.70	-2.691	-2.573	-2.254	-1.780	-1.239	-0.724	-0.288	0.060	0.356	0.648
7581	75.80	0.965	1.307	1.643	1.940	2.181	2.377	2.553	2.727	2.889	2.995
7591	75.90	2.989	2.830	2.525	2.129	1.726	1.385	1.121	0.885	0.582	0.127
7601	76.00	-0.509	-1.270	-2.028	-2.635	-2.989	-3.079	-2.990	-2.864	-2.829	-2.945
7611	76.10	-3.175	-3.412	-3.534	-3.467	-3.218	-2.870	-2.530	-2.277	-2.114	-1.975
7621	76.20	-1.759	-1.389	-0.857	-0.228	0.387	0.888	1.239	1.481	1.711	2.029
7631	76.30	2.481	3.032	3.577	3.988	4.174	4.121	3.900	3.630	3.428	3.360
7641	76.40	3.417	3.534	3.623	3.622	3.519	3.348	3.168	3.027	2.940	2.892
7651	76.50	2.846	2.773	2.667	2.546	2.438	2.360	2.310	2.266	2.199	2.095
7661	76.60	1.965	1.836	1.739	1.686	1.663	1.633	1.557	1.420	1.242	1.074
7671	76.70	0.980	1.004	1.151	1.385	1.645	1.875	2.049	2.178	2.298	2.445
7681	76.80	2.629	2.819	2.957	2.977	2.840	2.550	2.153	1.723	1.332	1.027
7691	76.90	0.817	0.677	0.568	0.445	0.274	0.034	-0.286	-0.689	-1.168	-1.706
7701	77.00	-2.271	-2.821	-3.310	-3.706	-3.994	-4.179	-4.277	-4.302	-4.254	-4.116
7711	77.10	-3.870	-3.512	-3.064	-2.574	-2.109	-1.723	-1.440	-1.244	-1.090	-0.922
7721	77.20	-0.707	-0.447	-0.180	0.036	0.156	0.159	0.064	-0.082	-0.228	-0.334
7731	77.30	-0.387	-0.396	-0.380	-0.361	-0.349	-0.347	-0.353	-0.373	-0.414	-0.489
7741	77.40	-0.607	-0.767	-0.958	-1.167	-1.382	-1.594	-1.792	-1.985	-2.092	-2.147
7751	77.50	-2.109	-1.975	-1.767	-1.532	-1.322	-1.180	-1.120	-1.127	-1.164	-1.195
7761	77.60	-1.200	-1.188	-1.181	-1.201	-1.249	-1.299	-1.303	-1.221	-1.035	-0.766
7771	77.70	-0.462	-0.179	0.052	0.232	0.397	0.588	0.823	1.029	1.292	1.382
7781	77.80	1.293	1.019	0.613	0.170	-0.214	-0.477	-0.616	-0.680	-0.743	-0.867
7791	77.90	-1.073	-1.338	-1.606	-1.827	-1.978	-2.078	-2.176	-2.325	-2.549	-2.832
7801	78.00	-3.117	-3.327	-3.398	-3.306	-3.072	-2.758	-2.443	-2.188	-2.026	-1.965
7811	78.10	-1.905	-1.854	-1.756	-1.600	-1.411	-1.232	-1.110	-1.075	-1.123	-1.222
7821	78.20	-1.321	-1.375	-1.361	-1.288	-1.193	-1.124	-1.114	-1.165	-1.245	-1.302
7831	78.30	-1.286	-1.175	-0.985	-0.764	-0.570	-0.443	-0.377	-0.325	-0.211	0.040
7841	78.40	0.468	1.063	1.763	2.479	3.120	3.619	3.952	4.128	4.181	4.155
7851	78.50	4.089	4.012	3.943	3.894	3.871	3.872	3.890	3.912	3.926	3.930
7861	78.60	3.932	3.948	3.987	4.048	4.108	4.129	4.070	3.910	3.655	3.340
7871	78.70	3.017	2.733	2.510	2.343	2.200	2.047	1.864	1.651	1.429	1.222
7881	78.80	1.042	0.878	0.708	0.509	0.277	0.033	-0.180	-0.321	-0.366	-0.324
7891	78.90	-0.233	-0.142	-0.091	-0.096	-0.144	-0.207	-0.256	-0.280	-0.284	-0.285
7901	79.00	-0.298	-0.325	-0.358	-0.387	-0.414	-0.455	-0.538	-0.683	-0.887	-1.113
7911	79.10	-1.304	-1.397	-1.353	-1.169	-0.885	-0.558	-0.244	0.027	0.255	0.460
7921	79.20	0.659	0.851	1.011	1.100	1.085	0.962	0.756	0.520	0.305	0.150
7931	79.30	0.061	0.022	0.008	-0.002	-0.009	-0.005	0.023	0.077	0.144	0.201
7941	79.40	0.230	0.225	0.200	0.180	0.185	0.219	0.269	0.309	0.319	0.299
7951	79.50	0.265	0.249	0.273	0.338	0.421	0.478	0.468	0.367	0.178	-0.076
7961	79.60	-0.363	-0.659	-0.952	-1.241	-1.519	-1.764	-1.943	-2.019	-1.970	-1.807
7971	79.70	-1.574	-1.332	-1.137	-1.016	-0.960	-0.930	-0.882	-0.793	-0.675	-0.570
7981	79.80	-0.529	-0.590	-0.753	-0.988	-1.241	-1.466	-1.636	-1.753	-1.835	-1.900
7991	79.90	-1.954	-1.988	-1.985	-1.937	-1.857	-1.773	-1.717	-1.708	-1.740	-1.785

Table 7-34-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-1.810	-1.794	-1.745	-1.695	-1.681	-1.723	-1.796	-1.862	-1.782	-1.553
8011	80.10	-1.140	-0.589	0.004	0.530	0.904	1.096	1.138	1.106	1.083	1.130
8021	80.20	1.255	1.426	1.576	1.645	1.591	1.412	1.137	0.815	0.501	0.240
8031	80.30	0.070	0.014	0.090	0.301	0.641	1.085	1.589	2.095	2.542	2.882
8041	80.40	3.089	3.166	3.142	3.059	2.957	2.864	2.784	2.707	2.608	2.470
8051	80.50	2.288	2.073	1.851	1.651	1.496	1.395	1.344	1.330	1.341	1.375
8061	80.60	1.432	1.512	1.605	1.676	1.677	1.548	1.249	0.773	0.157	-0.521
8071	80.70	-1.163	-1.685	-2.036	-2.216	-2.265	-2.247	-2.220	-2.224	-2.267	-2.340
8081	80.80	-2.428	-2.524	-2.631	-2.759	-2.909	-3.070	-3.210	-3.297	-3.305	-3.230
8091	80.90	-3.095	-2.936	-2.789	-2.675	-2.588	-2.500	-2.378	-2.192	-1.934	-1.616
8101	81.00	-1.266	-0.915	-0.586	-0.296	-0.050	0.151	0.306	0.418	0.493	0.544
8111	81.10	0.592	0.654	0.742	0.850	0.961	1.047	1.082	1.055	0.972	0.857
8121	81.20	0.743	0.660	0.625	0.639	0.684	0.732	0.753	0.717	0.608	0.421
8131	81.30	0.169	-0.123	-0.421	-0.693	-0.919	-1.099	-1.252	-1.409	-1.597	-1.826
8141	81.40	-2.076	-2.307	-2.468	-2.522	-2.461	-2.317	-2.146	-2.011	-1.957	-1.995
8151	81.50	-2.096	-2.206	-2.265	-2.229	-2.083	-1.840	-1.533	-1.199	-0.868	-0.556
8161	81.60	-0.267	0.003	0.258	0.499	0.721	0.911	1.050	1.115	1.083	0.946
8171	81.70	0.715	0.430	0.157	-0.026	-0.053	0.106	0.428	0.842	1.243	1.530
8181	81.80	1.641	1.570	1.367	1.118	0.910	0.799	0.795	0.864	0.954	1.018
8191	81.90	1.039	1.037	1.055	1.140	1.320	1.595	1.933	2.282	2.588	2.808
8201	82.00	2.920	2.921	2.824	2.653	2.437	2.208	1.993	1.816	1.683	1.596
8211	82.10	1.537	1.484	1.412	1.310	1.181	1.037	0.900	0.783	0.689	0.610
8221	82.20	0.531	0.442	0.344	0.250	0.181	0.150	0.158	0.184	0.200	0.177
8231	82.30	0.107	0.001	-0.107	-0.182	-0.201	-0.173	-0.133	-0.131	-0.207	-0.372
8241	82.40	-0.597	-0.820	-0.970	-0.993	-0.876	-0.644	-0.357	-0.079	0.146	0.305
8251	82.50	0.414	0.508	0.617	0.751	0.904	1.056	1.191	1.308	1.423	1.557
8261	82.60	1.721	1.909	2.091	2.227	2.279	2.229	2.087	1.886	1.670	1.479
8271	82.70	1.338	1.248	1.197	1.161	1.119	1.056	0.966	0.851	0.722	0.593
8281	82.80	0.483	0.410	0.385	0.408	0.465	0.537	0.600	0.640	0.655	0.656
8291	82.90	0.660	0.685	0.741	0.833	0.963	1.135	1.347	1.590	1.832	2.015
8301	83.00	2.066	1.920	1.552	1.001	0.377	-0.171	-0.500	-0.527	-0.267	0.175
8311	83.10	0.640	0.976	1.099	1.016	0.811	0.599	0.464	0.421	0.415	0.356
8321	83.20	0.170	-0.157	-0.568	-0.961	-1.240	-1.355	-1.325	-1.225	-1.141	-1.126
8331	83.30	-1.182	-1.263	-1.312	-1.303	-1.262	-1.259	-1.381	-1.680	-2.150	-2.722
8341	83.40	-3.296	-3.776	-4.112	-4.307	-4.405	-4.456	-4.491	-4.503	-4.468	-4.358
8351	83.50	-4.170	-3.933	-3.496	-3.504	-3.381	-3.317	-3.283	-3.249	-3.205	-3.164
8361	83.60	-3.157	-3.206	-3.308	-3.434	-3.541	-3.594	-3.589	-3.557	-3.550	-3.613
8371	83.70	-3.760	-3.957	-4.139	-4.228	-4.173	-3.967	-3.649	-3.284	-2.940	-2.656
8381	83.80	-2.440	-2.269	-2.110	-1.937	-1.743	-1.534	-1.325	-1.123	-0.929	-0.734
8391	83.90	-0.530	-0.319	-0.109	0.087	0.264	0.430	0.604	0.807	1.048	1.314
8401	84.00	1.567	1.757	1.843	1.807	1.664	1.458	1.246	1.071	0.951	0.876
8411	84.10	0.817	0.749	0.673	0.622	0.656	0.838	1.207	1.751	2.408	3.079
8421	84.20	3.657	4.067	4.285	4.347	4.325	4.301	4.328	4.418	4.540	4.636
8431	84.30	4.658	4.579	4.406	4.178	3.925	3.672	3.423	3.172	2.917	2.670
8441	84.40	2.461	2.320	2.252	2.221	2.150	1.946	1.542	0.932	0.190	-0.548
8451	84.50	-1.124	-1.425	-1.421	-1.182	-0.848	-0.576	-0.479	-0.581	-0.821	-1.082
8461	84.60	-1.247	-1.247	-1.087	-0.831	-0.570	-0.375	-0.272	-0.237	-0.215	-0.158
8471	84.70	-0.045	0.108	0.261	0.378	0.447	0.486	0.532	0.621	0.761	0.927
8481	84.80	1.071	1.141	1.108	0.933	0.805	0.633	0.513	0.461	0.462	0.476
8491	84.90	0.665	0.407	0.309	0.201	0.116	0.075	0.073	0.084	0.070	0.007

Table 7-34-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-0.106	-0.243	-0.355	-0.396	-0.335	-0.170	0.075	0.358	0.638	0.888
8511	85.10	1.099	1.278	1.437	1.589	1.738	1.885	2.032	2.184	2.353	2.546
8521	85.20	2.757	2.961	3.116	3.174	3.099	2.886	2.567	2.205	1.873	1.628
8531	85.30	1.491	1.437	1.412	1.349	1.201	0.953	0.630	0.275	-0.065	-0.366
8541	85.40	-0.630	-0.878	-1.139	-1.424	-1.728	-2.027	-2.298	-2.534	-2.752	-2.984
8551	85.50	-3.262	-3.591	-3.940	-4.248	-4.440	-4.462	-4.301	-3.995	-3.619	-3.253
8561	85.60	-2.948	-2.710	-2.499	-2.252	-1.918	-1.486	-0.996	-0.527	-0.167	0.022
8571	85.70	0.028	-0.107	-0.306	-0.487	-0.590	-0.600	-0.540	-0.456	-0.394	-0.378
8581	85.80	-0.405	-0.452	-0.484	-0.474	-0.410	-0.298	-0.153	0.009	0.175	0.336
8591	85.90	0.486	0.618	0.720	0.781	0.794	0.764	0.705	0.638	0.585	0.560
8601	86.00	0.565	0.590	0.619	0.637	0.637	0.623	0.603	0.591	0.590	0.602
8611	86.10	0.619	0.632	0.634	0.625	0.611	0.601	0.602	0.613	0.629	0.643
8621	86.20	0.646	0.635	0.615	0.594	0.578	0.573	0.575	0.576	0.568	0.549
8631	86.30	0.523	0.502	0.499	0.515	0.542	0.554	0.517	0.402	0.197	-0.083
8641	86.40	-0.396	-0.683	-0.887	-0.973	-0.941	-0.823	-0.678	-0.562	-0.512	-0.524
8651	86.50	-0.559	-0.556	-0.454	-0.223	0.122	0.521	0.886	1.133	1.205	1.096
8661	86.60	0.850	0.541	0.252	0.039	-0.081	-0.131	-0.157	-0.206	-0.304	-0.444
8671	86.70	-0.600	-0.736	-0.832	-0.896	-0.960	-1.065	-1.241	-1.486	-1.767	-2.027
8681	86.80	-2.211	-2.285	-2.250	-2.142	-2.013	-1.909	-1.855	-1.845	-1.856	-1.861
8691	86.90	-1.845	-1.812	-1.779	-1.764	-1.773	-1.796	-1.807	-1.784	-1.714	-1.605
8701	87.00	-1.476	-1.369	-1.236	-1.131	-1.021	-0.891	-0.746	-0.607	-0.511	-0.493
8711	87.10	-0.566	-0.718	-0.911	-1.101	-1.253	-1.360	-1.438	-1.514	-1.608	-1.718
8721	87.20	-1.816	-1.860	-1.820	-1.687	-1.485	-1.262	-1.065	-0.928	-0.851	-0.811
8731	87.30	-0.772	-0.706	-0.604	-0.476	-0.348	-0.238	-0.154	-0.086	-0.016	0.069
8741	87.40	0.174	0.290	0.401	0.495	0.570	0.636	0.710	0.809	0.942	1.108
8751	87.50	1.304	1.523	1.758	2.005	2.249	2.472	2.648	2.752	2.777	2.731
8761	87.60	2.645	2.557	2.501	2.491	2.520	2.564	2.598	2.607	2.597	2.589
8771	87.70	2.605	2.659	2.746	2.848	2.942	3.015	3.068	3.118	3.181	3.264
8781	87.80	3.354	3.423	3.439	3.380	3.246	3.063	2.865	2.688	2.551	2.457
8791	87.90	2.399	2.365	2.353	2.367	2.414	2.491	2.581	2.651	2.664	2.591
8801	88.00	2.425	2.183	1.900	1.614	1.356	1.138	0.957	0.800	0.658	0.525
8811	88.10	0.406	0.305	0.224	0.157	0.094	0.021	-0.069	-0.177	-0.295	-0.415
8821	88.20	-0.529	-0.634	-0.731	-0.822	-0.913	-1.005	-1.103	-1.209	-1.326	-1.452
8831	88.30	-1.575	-1.680	-1.747	-1.763	-1.728	-1.657	-1.576	-1.514	-1.488	-1.500
8841	88.40	-1.533	-1.561	-1.566	-1.543	-1.506	-1.475	-1.468	-1.486	-1.516	-1.534
8851	88.50	-1.523	-1.483	-1.432	-1.403	-1.423	-1.501	-1.623	-1.756	-1.867	-1.938
8861	88.60	-1.976	-2.007	-2.060	-2.152	-2.273	-2.392	-2.466	-2.464	-2.380	-2.234
8871	88.70	-2.063	-1.901	-1.769	-1.668	-1.585	-1.503	-1.416	-1.331	-1.257	-1.197
8881	88.80	-1.140	-1.064	-0.948	-0.793	-0.629	-0.513	-0.511	-0.668	-0.985	-1.406
8891	88.90	-1.839	-2.178	-2.348	-2.326	-2.150	-1.900	-1.664	-1.503	-1.427	-1.402
8901	89.00	-1.363	-1.249	-1.032	-0.728	-0.389	-0.085	0.129	0.230	0.238	0.201
8911	89.10	0.177	0.209	0.315	0.483	0.679	0.866	1.016	1.115	1.165	1.173
8921	89.20	1.149	1.099	1.028	0.948	0.875	0.828	0.823	0.858	0.914	0.959
8931	89.30	0.963	0.913	0.824	0.736	0.697	0.733	0.835	0.946	0.987	0.884
8941	89.40	0.610	0.196	-0.266	-0.660	-0.893	-0.926	-0.796	-0.589	-0.408	-0.321
8951	89.50	-0.337	-0.403	-0.433	-0.352	-0.135	0.186	0.527	0.795	0.917	0.874
8961	89.60	0.693	0.439	0.162	-0.024	-0.148	-0.184	-0.139	-0.024	0.148	0.354
8971	89.70	0.567	0.754	0.892	0.974	1.021	1.073	1.172	1.335	1.542	1.737
8981	89.80	1.847	1.816	1.630	1.331	1.002	0.736	0.596	0.596	0.695	0.821
8991	89.90	0.901	0.895	0.808	0.680	0.565	0.504	0.504	0.539	0.566	0.544

Table 7-34-19 TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.449	0.288	0.086	-0.120	-0.296	-0.421	-0.483	-0.482	-0.420	-0.307
9011	90.10	-0.156	0.015	0.181	0.326	0.441	0.535	0.632	0.763	0.951	1.200
9021	90.20	1.492	1.784	2.030	2.191	2.253	2.229	2.152	2.069	2.015	2.007
9031	90.30	2.038	2.078	2.090	2.037	1.897	1.670	1.374	1.041	0.712	0.422
9041	90.40	0.196	0.043	-0.040	-0.069	-0.066	-0.052	-0.042	-0.047	-0.068	-0.104
9051	90.50	-0.151	-0.205	-0.262	-0.320	-0.374	-0.422	-0.462	-0.492	-0.519	-0.550
9061	90.60	-0.594	-0.655	-0.731	-0.807	-0.859	-0.862	-0.797	-0.659	-0.467	-0.253
9071	90.70	-0.062	0.067	0.113	0.076	-0.019	-0.136	-0.240	-0.308	-0.335	-0.335
9081	90.80	-0.331	-0.341	-0.371	-0.416	-0.460	-0.490	-0.501	-0.503	-0.514	-0.557
9091	90.90	-0.644	-0.777	-0.939	-1.108	-1.261	-1.385	-1.479	-1.553	-1.627	-1.715
9101	91.00	-1.828	-1.963	-2.108	-2.244	-2.350	-2.409	-2.413	-2.367	-2.286	-2.198
9111	91.10	-2.128	-2.098	-2.109	-2.146	-2.175	-2.156	-2.057	-1.868	-1.608	-1.322
9121	91.20	-1.068	-0.896	-0.835	-0.882	-1.003	-1.152	-1.284	-1.370	-1.406	-1.409
9131	91.30	-1.404	-1.415	-1.448	-1.499	-1.553	-1.594	-1.615	-1.623	-1.633	-1.659
9141	91.40	-1.712	-1.783	-1.853	-1.888	-1.860	-1.750	-1.560	-1.313	-1.045	-0.797
9151	91.50	-0.598	-0.459	-0.366	-0.288	-0.189	-0.044	0.149	0.370	0.579	0.737
9161	91.60	0.816	0.814	0.756	0.679	0.623	0.607	0.628	0.664	0.689	0.686
9171	91.70	0.663	0.649	0.682	0.793	0.986	1.240	1.507	1.738	1.894	1.965
9181	91.80	1.965	1.922	1.867	1.817	1.775	1.740	1.718	1.728	1.802	1.976
9191	91.90	2.263	2.649	3.078	3.474	3.760	3.888	3.852	3.690	3.472	3.269
9201	92.00	3.131	3.074	3.081	3.112	3.130	3.112	3.058	2.984	2.912	2.860
9211	92.10	2.833	2.826	2.827	2.820	2.794	2.738	2.644	2.507	2.325	2.104
9221	92.20	1.861	1.619	1.404	1.229	1.095	0.981	0.861	0.708	0.512	0.287
9231	92.30	0.063	-0.121	-0.234	-0.268	-0.240	-0.182	-0.132	-0.117	-0.145	-0.203
9241	92.40	-0.268	-0.321	-0.351	-0.364	-0.373	-0.395	-0.436	-0.493	-0.552	-0.597
9251	92.50	-0.617	-0.616	-0.607	-0.615	-0.664	-0.774	-0.950	-1.188	-1.471	-1.776
9261	92.60	-2.082	-2.365	-2.612	-2.815	-2.970	-3.080	-3.150	-3.187	-3.199	-3.194
9271	92.70	-3.184	-3.180	-3.195	-3.237	-3.308	-3.403	-3.507	-3.603	-3.672	-3.702
9281	92.80	-3.690	-3.636	-3.545	-3.414	-3.239	-3.006	-2.709	-2.351	-1.952	-1.549
9291	92.90	-1.189	-0.913	-0.742	-0.669	-0.661	-0.667	-0.635	-0.528	-0.333	-0.062
9301	93.00	0.255	0.582	0.884	1.141	1.341	1.481	1.563	1.594	1.587	1.562
9311	93.10	1.543	1.554	1.608	1.704	1.821	1.926	1.986	1.981	1.914	1.812
9321	93.20	1.711	1.645	1.628	1.650	1.682	1.695	1.670	1.612	1.544	1.494
9331	93.30	1.482	1.504	1.536	1.547	1.516	1.446	1.364	1.309	1.308	1.361
9341	93.40	1.429	1.454	1.378	1.172	0.851	0.468	0.094	-0.210	-0.413	-0.526
9351	93.50	-0.583	-0.622	-0.668	-0.721	-0.767	-0.795	-0.809	-0.838	-0.919	-1.080
9361	93.60	-1.321	-1.607	-1.882	-2.091	-2.204	-2.228	-2.200	-2.170	-2.178	-2.234
9371	93.70	-2.323	-2.418	-2.497	-2.560	-2.621	-2.702	-2.807	-2.918	-2.994	-2.992
9381	93.80	-2.883	-2.675	-2.405	-2.130	-1.896	-1.725	-1.605	-1.501	-1.373	-1.196
9391	93.90	-0.968	-0.705	-0.434	-0.175	0.063	0.282	0.486	0.680	0.866	1.049
9401	94.00	1.241	1.460	1.718	2.008	2.295	2.522	2.626	2.566	2.349	2.030
9411	94.10	1.695	1.430	1.279	1.227	1.214	1.166	1.035	0.835	0.636	0.539
9421	94.20	0.619	0.895	1.305	1.735	2.061	2.204	2.157	1.981	1.777	1.632
9431	94.30	1.588	1.628	1.694	1.730	1.706	1.639	1.572	1.548	1.583	1.649
9441	94.40	1.687	1.637	1.469	1.197	0.873	0.565	0.319	0.147	0.019	-0.112
9451	94.50	-0.287	-0.513	-0.760	-0.976	-1.109	-1.133	-1.056	-0.921	-0.781	-0.680
9461	94.60	-0.649	-0.653	-0.693	-0.731	-0.745	-0.731	-0.697	-0.657	-0.626	-0.609
9471	94.70	-0.608	-0.617	-0.630	-0.639	-0.639	-0.624	-0.589	-0.529	-0.439	-0.318
9481	94.80	-0.169	0.001	0.180	0.355	0.509	0.632	0.722	0.788	0.851	0.937
9491	94.90	1.070	1.255	1.472	1.677	1.815	1.836	1.719	1.480	1.175	0.876

Table 7-34-20 TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	0.650	0.534	0.520	0.565	0.608	0.597	0.508	0.358	0.187	0.045
9511	95.10	-0.033	-0.039	0.011	0.082	0.145	0.181	0.193	0.195	0.200	0.218
9521	95.20	0.245	0.269	0.281	0.279	0.269	0.266	0.280	0.314	0.358	0.395
9531	95.30	0.404	0.373	0.297	0.185	0.053	-0.082	-0.206	-0.311	-0.398	-0.470
9541	95.40	-0.535	-0.600	-0.674	-0.759	-0.856	-0.958	-1.059	-1.149	-1.224	-1.287
9551	95.50	-1.368	-1.419	-1.511	-1.624	-1.748	-1.862	-1.942	-1.970	-1.940	-1.862
9561	95.60	-1.757	-1.650	-1.561	-1.498	-1.460	-1.437	-1.416	-1.389	-1.353	-1.309
9571	95.70	-1.261	-1.213	-1.168	-1.125	-1.086	-1.049	-1.014	-0.981	-0.946	-0.907
9581	95.80	-0.860	-0.809	-0.759	-0.715	-0.682	-0.659	-0.638	-0.609	-0.562	-0.494
9591	95.90	-0.410	-0.322	-0.240	-0.169	-0.102	-0.029	0.060	0.162	0.262	0.334
9601	96.00	0.353	0.313	0.232	0.153	0.128	0.199	0.377	0.633	0.906	1.126
9611	96.10	1.240	1.233	1.131	0.993	0.881	0.837	0.868	0.949	1.035	1.085
9621	96.20	1.083	1.040	0.986	0.955	0.968	1.021	1.093	1.152	1.172	1.139
9631	96.30	1.050	0.914	0.737	0.524	0.281	0.019	-0.239	-0.462	-0.617	-0.684
9641	96.40	-0.664	-0.581	-0.474	-0.381	-0.328	-0.317	-0.332	-0.349	-0.350	-0.333
9651	96.50	-0.309	-0.292	-0.294	-0.310	-0.326	-0.324	-0.297	-0.253	-0.214	-0.205
9661	96.60	-0.237	-0.297	-0.347	-0.344	-0.254	-0.071	0.173	0.424	0.621	0.719
9671	96.70	0.710	0.621	0.500	0.400	0.354	0.369	0.424	0.488	0.531	0.539
9681	96.80	0.518	0.486	0.463	0.462	0.483	0.517	0.547	0.561	0.558	0.542
9691	96.90	0.526	0.519	0.527	0.549	0.575	0.596	0.604	0.598	0.583	0.567
9701	97.00	0.562	0.573	0.600	0.634	0.663	0.674	0.657	0.610	0.536	0.444
9711	97.10	0.345	0.242	0.137	0.028	-0.085	-0.196	-0.290	-0.349	-0.353	-0.292
9721	97.20	-0.171	-0.008	0.171	0.338	0.476	0.579	0.655	0.717	0.772	0.823
9731	97.30	0.863	0.879	0.866	0.826	0.774	0.729	0.712	0.730	0.776	0.833
9741	97.40	0.873	0.875	0.825	0.726	0.590	0.438	0.287	0.150	0.032	-0.067
9751	97.50	-0.150	-0.219	-0.275	-0.319	-0.352	-0.379	-0.408	-0.443	-0.490	-0.548
9761	97.60	-0.613	-0.678	-0.737	-0.786	-0.825	-0.860	-0.897	-0.944	-1.005	-1.078
9771	97.70	-1.155	-1.223	-1.264	-1.264	-1.213	-1.111	-0.970	-0.809	-0.655	-0.528
9781	97.80	-0.461	-0.390	-0.360	-0.327	-0.267	-0.169	-0.035	0.112	0.240	0.312
9791	97.90	0.298	0.185	-0.018	-0.284	-0.573	-0.844	-1.061	-1.206	-1.282	-1.307
9801	98.00	-1.313	-1.330	-1.378	-1.460	-1.560	-1.648	-1.693	-1.673	-1.587	-1.454
9811	98.10	-1.310	-1.190	-1.117	-1.092	-1.096	-1.096	-1.063	-0.986	-0.877	-0.768
9821	98.20	-0.700	-0.700	-0.773	-0.899	-1.043	-1.168	-1.252	-1.298	-1.329	-1.373
9831	98.30	-1.450	-1.556	-1.665	-1.737	-1.733	-1.634	-1.448	-1.208	-0.957	-0.735
9841	98.40	-0.563	-0.440	-0.348	-0.263	-0.163	-0.040	0.106	0.264	0.425	0.581
9851	98.50	0.723	0.842	0.928	0.967	0.953	0.891	0.808	0.747	0.755	0.870
9861	98.60	1.098	1.411	1.746	2.029	2.196	2.218	2.116	1.949	1.796	1.723
9871	98.70	1.758	1.878	2.023	2.113	2.090	1.936	1.683	1.401	1.171	1.054
9881	98.80	1.069	1.189	1.355	1.505	1.594	1.613	1.582	1.539	1.519	1.538
9891	98.90	1.589	1.648	1.694	1.714	1.712	1.705	1.709	1.734	1.775	1.817
9901	99.00	1.848	1.861	1.861	1.863	1.879	1.912	1.955	1.993	2.013	2.013
9911	99.10	2.006	2.008	2.034	2.082	2.132	2.152	2.108	1.983	1.783	1.539
9921	99.20	1.292	1.079	0.915	0.795	0.694	0.583	0.443	0.273	0.092	-0.075
9931	99.30	-0.205	-0.289	-0.336	-0.365	-0.398	-0.449	-0.523	-0.613	-0.709	-0.802
9941	99.40	-0.889	-0.970	-1.046	-1.117	-1.176	-1.219	-1.239	-1.239	-1.226	-1.213
9951	99.50	-1.212	-1.230	-1.267	-1.312	-1.356	-1.388	-1.406	-1.413	-1.418	-1.428
9961	99.60	-1.449	-1.481	-1.522	-1.572	-1.633	-1.709	-1.804	-1.918	-2.042	-2.164
9971	99.70	-2.266	-2.361	-2.391	-2.430	-2.482	-2.566	-2.688	-2.832	-2.969	-3.057
9981	99.80	-3.065	-2.980	-2.816	-2.609	-2.401	-2.228	-2.105	-2.025	-1.965	-1.899
9991	99.90	-1.809	-1.696	-1.572	-1.456	-1.359	-1.278	-1.199	-1.103	-0.978	-0.826

Table 7-34-21

TABLE OF CORRECTED ACCELERATION RECORD NO.21

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10001	100.00	-0.661	-0.504	-0.369	-0.259	-0.159	-0.046	0.094	0.262	0.435	0.578
10011	100.10	0.652	0.637	0.538	0.386	0.226	0.100	0.028	0.006	0.004	-0.007
10021	100.20	-0.048	-0.110	-0.162	-0.156	-0.057	0.141	0.404	0.662	0.834	0.855
10031	100.30	0.701	0.401	0.031	-0.317	-0.561	-0.659	-0.621	-0.498	-0.357	-0.256
10041	100.40	-0.222	-0.242	-0.281	-0.301	-0.283	-0.238	-0.197	-0.191	-0.231	-0.296
10051	100.50	-0.334	-0.284	-0.105	0.205	0.599	0.997	1.314	1.489	1.508	1.403
10061	100.60	1.241	1.093	1.008	1.001	1.052	1.124	1.179	1.197	1.179	1.144
10071	100.70	1.115	1.109	1.129	1.165	1.201	1.222	1.223	1.207	1.181	1.159
10081	100.80	1.153	1.173	1.228	1.322	1.457	1.622	1.800	1.959	2.069	2.104
10091	100.90	2.056	1.936	1.787	1.650	1.572	1.573	1.643	1.742	1.807	1.781
10101	101.00	1.628	1.355	1.009	0.666	0.403	0.272	0.283	0.403	0.563	0.693
10111	101.10	0.744	0.705	0.606	0.500	0.437	0.443	0.504	0.576	0.601	0.534
10121	101.20	0.361	0.102	-0.193	-0.474	-0.701	-0.867	-0.992	-1.113	-1.263	-1.456
10131	101.30	-1.684	-1.912	-2.099	-2.211	-2.231	-2.170	-2.058	-1.936	-1.841	-1.796
10141	101.40	-1.806	-1.854	-1.911	-1.947	-1.939	-1.879	-1.775	-1.646	-1.515	-1.397
10151	101.50	-1.300	-1.216	-1.137	-1.053	-0.962	-0.867	-0.776	-0.694	-0.620	-0.548
10161	101.60	-0.467	-0.373	-0.268	-0.164	-0.070	0.006	0.069	0.132	0.211	0.310
10171	101.70	0.426	0.541	0.637	0.706	0.755	0.806	0.883	0.996	1.135	1.268
10181	101.80	1.354	1.367	1.310	1.214	1.129	1.099	1.140	1.230	1.321	1.363
10191	101.90	1.324	1.213	1.070	0.951	0.900	0.925	0.997	1.063	1.071	0.990
10201	102.00	0.826	0.606	0.374	0.161	-0.015	-0.154	-0.260	-0.332	-0.362	-0.335
10211	102.10	-0.247	-0.109	0.051	0.198	0.307	0.370	0.400	0.425	0.470	0.547
10221	102.20	0.653	0.775	0.902	1.032	1.172	1.326	1.483	1.615	1.680	1.644
10231	102.30	1.504	1.293	1.081	0.944	0.934	1.057	1.261	1.462	1.577	1.554
10241	102.40	1.400	1.167	0.933	0.764	0.686	0.684	0.708	0.706	0.647	0.534
10251	102.50	0.396	0.274	0.193	0.157	0.146	0.128	0.081	-0.002	-0.105	-0.205
10261	102.60	-0.281	-0.329	-0.359	-0.391	-0.442	-0.518	-0.611	-0.704	-0.780	-0.833
10271	102.70	-0.870	-0.907	-0.957	-1.028	-1.115	-1.205	-1.283	-1.340	-1.381	-1.418
10281	102.80	-1.466	-1.533	-1.618	-1.709	-1.790	-1.850	-1.891	-1.924	-1.967	-2.033
10291	102.90	-2.121	-2.219	-2.304	-2.363	-2.394	-2.415	-2.451	-2.525	-2.638	-2.765
10301	103.00	-2.862	-2.881	-2.793	-2.605	-2.358	-2.112	-1.920	-1.806	-1.753	-1.717
10311	103.10	-1.649	-1.523	-1.347	-1.163	-1.019	-0.943	-0.922	-0.906	-0.825	-0.630
10321	103.20	-0.319	0.056	0.406	0.642	0.716	0.638	0.473	0.308	0.215	0.219
10331	103.30	0.292	0.369	0.389	0.316	0.162	-0.030	-0.207	-0.337	-0.421	-0.486
10341	103.40	-0.568	-0.685	-0.822	-0.936	-0.975	-0.901	-0.714	-0.448	-0.158	0.103
10351	103.50	0.301	0.435	0.522	0.587	0.644	0.691	0.716	0.704	0.657	0.592
10361	103.60	0.536	0.514	0.538	0.595	0.660	0.702	0.699	0.650	0.571	0.489
10371	103.70	0.427	0.394	0.386	0.386	0.376	0.345	0.294	0.235	0.184	0.153
10381	103.80	0.142	0.142	0.137	0.115	0.067	0.001	-0.069	-0.122	-0.137	-0.104
10391	103.90	-0.022	0.099	0.243	0.392	0.530	0.649	0.748	0.831	0.904	0.977
10401	104.00	1.056	1.140	1.237	1.343	1.453	1.559	1.655	1.737	1.805	1.871
10411	104.10	1.947	2.047	2.174	2.317	2.451	2.541	2.552	2.469	2.297	2.064
10421	104.20	1.816	1.595	1.428	1.320	1.252	1.190	1.107	0.988	0.838	0.677
10431	104.30	0.529	0.409	0.317	0.238	0.149	0.031	-0.118	-0.285	-0.445	-0.567
10441	104.40	-0.631	-0.629	-0.573	-0.487	-0.401	-0.336	-0.305	-0.304	-0.321	-0.338
10451	104.50	-0.342	-0.328	-0.300	-0.268	-0.246	-0.238	-0.242	-0.251	-0.252	-0.238
10461	104.60	-0.209	-0.177	-0.154	-0.152	-0.170	-0.194	-0.198	-0.158	-0.057	0.106
10471	104.70	0.313	0.533	0.733	0.890	0.993	1.045	1.056	1.041	1.008	0.967
10481	104.80	0.925	0.893	0.882	0.901	0.949	1.011	1.063	1.074	1.024	0.909
10491	104.90	0.744	0.557	0.377	0.226	0.106	0.006	-0.090	-0.196	-0.316	-0.442

Table 7-34-22

TABLE OF CORRECTED ACCELERATION RECORD NO.22

INDEX NO. 1226 1302-PI-1-13 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 225.805 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10501	105.00	-0.563	-0.673	-0.775	-0.878	-0.993	-1.124	-1.261	-1.391	-1.502	-1.592
10511	105.10	-1.676	-1.773	-1.903	-2.065	-2.236	-2.379	-2.455	-2.447	-2.369	-2.262
10521	105.20	-2.175	-2.147	-2.181	-2.242	-2.274	-2.222	-2.060	-1.800	-1.488	-1.182
10531	105.30	-0.926	-0.731	-0.575	-0.422	-0.243	-0.035	0.173	0.336	0.413	0.392
10541	105.40	0.299	0.182	0.097	0.077	0.122	0.205	0.283	0.323	0.319	0.289
10551	105.50	0.264	0.268	0.306	0.363	0.409	0.424	0.408	0.386	0.392	0.455
10561	105.60	0.581	0.750	0.923	1.062	1.149	1.193	1.227	1.284	1.387	1.528
10571	105.70	1.677	1.793	1.843	1.820	1.743	1.648	1.571	1.532	1.528	1.539
10581	105.80	1.544	1.529	1.496	1.459	1.436	1.431	1.437	1.440	1.424	1.387
10591	105.90	1.343	1.312	1.307	1.326	1.345	1.327	1.242	1.082	0.871	0.653
10601	106.00	0.476	0.367	0.317	0.284	0.215	0.075	-0.133	-0.358	-0.523	-0.557
10611	106.10	-0.428	-0.165	0.154	0.428	0.571	0.548	0.382	0.140	-0.098	-0.274
10621	106.20	-0.368	-0.401	-0.414	-0.441	-0.501	-0.589	-0.692	-0.806	-0.942	-1.121
10631	106.30	-1.358	-1.643	-1.935	-2.174	-2.306	-2.307	-2.200	-2.047	-1.924	-1.892
10641	106.40	-1.966	-2.119	-2.295	-2.443	-2.537	-2.588	-2.635	-2.712	-2.831	-2.966
10651	106.50	-3.068	-3.079	-2.967	-2.735	-2.421	-2.081	-1.768	-1.517	-1.337	-1.225
10661	106.60	-1.170	-1.166	-1.203	-1.273	-1.356	-1.428	-1.466	-1.463	-1.430	-1.392
10671	106.70	-1.377	-1.396	-1.436	-1.463	-1.440	-1.341	-1.169	-0.954	-0.736	-0.549
10681	106.80	-0.405	-0.294	-0.194	-0.094	0.003	0.073	0.089	0.038	-0.066	-0.182
10691	106.90	-0.262	-0.269	-0.196	-0.065	0.081	0.204	0.278	0.301	0.288	0.255
10701	107.00	0.211	0.158	0.097	0.038	-0.004	-0.011	0.024	0.084	0.138	0.148
10711	107.10	0.096	-0.004	-0.108	-0.160	-0.122	0.008	0.188	0.360	0.474	0.522
10721	107.20	0.538	0.583	0.707	0.919	1.176	1.399	1.516	1.494	1.365	1.208
10731	107.30	1.112	1.135	1.276	1.476	1.650	1.731	1.695	1.575	1.432	1.328
10741	107.40	1.297	1.336	1.414	1.500	1.580	1.657	1.744	1.845	1.947	2.024
10751	107.50	2.058	2.054	2.046	2.080	2.191	2.373	2.576	2.716	2.718	2.550
10761	107.60	2.239	1.865	1.523	1.280	1.149	1.087	1.022	0.894	0.685	0.426
10771	107.70	0.183	0.019	-0.035	0.004	0.086	0.154	0.169	0.125	0.049	-0.022
10781	107.80	-0.063	-0.068	-0.053	-0.042	-0.047	-0.069	-0.089	-0.089	-0.057	0.002
10791	107.90	0.070	0.122	0.144	0.133	0.105	0.086	0.110	0.206	0.390	0.652
10801	108.00	0.956	1.239	1.426	1.450	1.285	0.961	0.570	0.241	0.096	0.201
10811	108.10	0.534	0.983	1.385	1.586	1.507	1.174	0.708	0.276	0.024	0.020
10821	108.20	0.229	0.566	0.840	1.016	1.044	0.962	0.836	0.719	0.625	0.526
10831	108.30	0.385	0.188	-0.032	-0.203	-0.248	-0.131	0.119	0.410	0.631	0.701
10841	108.40	0.614	0.442	0.299	0.279	0.407	0.620	0.793	0.812	0.628	0.304
10851	108.50	-0.016	-0.169	-0.061	0.276	0.676	0.900	0.743	0.123	-0.866	-1.982
10861	108.60	-2.922									

Table 7-35-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.10	0.0	0.0	0.0	0.0	0.0	-7.077	-20.556	-29.440	-30.199	-22.387
21	0.20	-8.762	6.043	17.623	23.673	24.703	23.340	22.612	24.175	27.388	29.727
31	0.30	28.256	21.383	9.926	-3.052	-13.589	-18.643	-17.471	-11.895	-5.349	-1.247
41	0.40	-1.488	-5.831	-12.366	-18.714	-23.263	-25.761	-26.991	-27.814	-28.197	-26.875
51	0.50	-21.914	-11.931	2.697	19.352	33.797	41.755	40.749	31.352	17.216	3.761
61	0.60	-3.944	-3.226	5.100	17.078	27.247	30.892	25.978	13.971	-0.769	-12.752
71	0.70	-17.553	-13.582	-2.713	10.416	20.158	21.970	14.095	-1.790	-21.160	-38.198
81	0.80	-47.732	-46.848	-35.675	-17.122	4.215	23.530	37.130	43.210	41.941	34.994
91	0.90	24.794	13.804	4.035	-3.190	-7.273	-8.309	-7.009	-4.569	-2.414	-1.819
101	1.00	-3.467	-7.126	-11.605	-15.099	-15.818	-12.706	-5.930	3.050	11.902	18.173
111	1.10	20.070	16.990	9.628	-0.344	-10.832	-19.895	-26.141	-28.884	-28.080	-24.176
121	1.20	-17.936	-10.301	-2.270	5.226	11.439	15.886	18.360	18.845	17.410	14.140
131	1.30	9.186	2.909	-3.972	-10.374	-15.059	-17.047	-16.047	-12.685	-8.342	-4.627
141	1.40	-2.657	-2.510	-3.132	-2.812	-0.038	5.637	13.170	20.273	24.281	23.276
151	1.50	16.970	6.936	-3.914	-12.398	-16.205	-14.642	-8.735	-0.691	6.949	12.114
161	1.60	13.644	11.315	5.589	-2.707	-12.562	-22.827	-32.207	-39.354	-43.130	-42.938
171	1.70	-38.965	-32.143	-23.795	-15.099	-6.635	1.726	10.514	20.061	29.933	38.732
181	1.80	44.438	45.209	40.277	30.540	18.501	7.530	0.716	-0.253	4.308	12.207
191	1.90	20.209	25.209	25.303	20.365	11.938	2.536	-5.348	-10.154	-11.770	-11.499
201	2.00	-11.507	-13.970	-20.204	-30.065	-41.843	-52.689	-59.486	-59.868	-53.073	-40.290
211	2.10	-24.356	-8.877	2.936	9.280	10.235	7.522	3.660	0.889	0.330	1.743
221	2.20	3.954	5.712	6.518	6.998	8.609	12.815	20.160	29.716	39.256	46.114
231	2.30	48.350	45.678	39.675	33.125	28.773	28.050	30.360	33.289	33.651	28.898
241	2.40	18.264	3.122	-13.602	-28.645	-39.695	-46.148	-49.022	-50.127	-50.943	-51.791
251	2.50	-51.713	-49.095	-42.691	-32.500	-20.013	-7.668	2.231	8.592	12.064	14.697
261	2.60	18.878	26.031	35.707	45.543	52.149	52.542	45.488	32.126	15.595	-0.177
271	2.70	-11.977	-18.421	-20.227	-19.554	-18.777	-19.294	-20.908	-22.046	-20.660	-15.360
281	2.80	-6.234	4.991	15.495	22.337	23.423	18.107	7.246	-7.187	-22.706	-36.872
291	2.90	-47.670	-53.704	-54.284	-49.493	-40.211	-28.021	-14.925	-2.860	6.823	13.724
301	3.00	18.403	21.990	25.559	29.545	33.502	36.318	36.788	34.267	29.054	22.328
311	3.10	15.658	10.365	7.037	5.465	4.965	4.906	5.106	5.879	7.703	10.736
321	3.20	14.478	17.819	19.492	18.710	15.631	11.380	7.560	5.477	5.462	6.628
331	3.30	7.229	5.461	0.332	-7.793	-17.225	-25.559	-30.553	-30.930	-26.768	-19.377
341	3.40	-10.764	-2.953	2.580	5.202	5.106	3.087	0.225	-2.425	-4.084	-4.409
351	3.50	-3.546	-2.052	-0.667	0.014	-0.156	-0.739	-0.841	0.487	3.741	8.581
361	3.60	13.786	17.637	18.589	15.946	10.233	3.049	-3.549	-7.869	-9.257	-8.309
371	3.70	-6.531	-5.601	-6.593	-9.486	-13.192	-16.050	-16.577	-14.116	-9.133	-3.053
381	3.80	2.269	5.211	4.933	1.611	-3.673	-9.329	-13.765	-15.849	-15.170	-12.047
391	3.90	-7.306	-1.924	3.317	8.034	12.208	15.952	19.175	21.367	21.629	19.027
401	4.00	13.141	4.553	-4.995	-12.955	-16.778	-14.885	-7.390	3.781	15.486	24.480
411	4.10	28.595	27.485	22.605	16.451	11.378	8.557	7.517	6.474	3.275	-3.484
421	4.20	-13.676	-25.533	-36.247	-42.989	-43.936	-38.868	-29.158	-17.218	-5.671	3.422
431	4.30	9.003	11.052	10.283	7.697	4.181	0.302	-3.683	-7.652	-11.389	-14.426
441	4.40	-16.056	-15.518	-12.315	-6.540	0.966	8.712	14.954	18.275	18.118	15.051
451	4.50	10.600	6.679	4.838	5.639	8.467	11.860	14.228	14.608	13.106	10.784
461	4.60	9.050	8.860	10.141	11.747	12.004	9.567	4.177	-3.092	-10.237	-15.205
471	4.70	-16.819	-15.308	-12.165	-9.412	-8.629	-10.238	-13.372	-16.382	-17.723	-16.749
481	4.80	-14.025	-11.001	-9.222	-9.471	-11.278	-13.057	-12.807	-9.056	-1.618	8.194
491	4.90	17.991	25.178	27.905	25.695	19.525	11.362	3.389	-2.743	-6.354	-7.730

Table 7-35-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-7.745	-7.343	-7.095	-7.050	-6.874	-6.184	-4.873	-3.262	-1.980	-1.649
511	5.10	-2.509	-4.182	-5.702	-5.835	-3.554	1.492	8.730	16.733	23.597	27.483
521	5.20	27.147	22.288	13.611	2.643	-8.632	-18.179	-24.287	-25.841	-22.502	-14.778
531	5.30	-3.980	7.961	18.831	26.584	29.808	28.077	22.053	13.281	3.739	-4.723
541	5.40	-10.862	-14.272	-15.325	-14.873	-13.844	-12.915	-12.341	-11.977	-11.441	-10.318
551	5.50	-8.331	-5.445	-1.890	1.869	5.208	7.468	8.119	6.929	4.094	0.247
561	5.60	-3.686	-6.757	-8.316	-8.235	-6.951	-5.272	-4.046	-3.821	-4.649	-6.119
571	5.70	-7.602	-8.557	-8.776	-8.422	-7.868	-7.430	-7.137	-6.662	-5.473	-3.106
581	5.80	0.557	5.125	9.793	13.589	15.726	15.891	14.372	11.972	9.751	8.685
591	5.90	9.363	11.796	15.405	19.176	21.944	22.722	20.987	16.832	10.944	4.406
601	6.00	-1.611	-6.158	-8.719	-9.251	-8.076	-5.688	-2.581	0.810	4.070	6.716
611	6.10	8.158	7.808	5.295	0.731	-5.153	-11.092	-15.617	-17.542	-16.388	-12.586
621	6.20	-7.328	-2.148	1.624	3.288	2.930	1.252	-0.801	-2.440	-3.286	-3.376
631	6.30	-2.984	-2.366	-1.598	-0.562	0.908	2.853	5.065	7.133	8.598	9.162
641	6.40	8.823	7.864	6.692	5.625	4.715	3.714	2.195	-0.214	-3.602	-7.640
651	6.50	-11.624	-14.659	-15.940	-15.016	-11.948	-7.298	-1.980	3.004	6.825	9.031
661	6.60	9.603	8.885	7.411	5.707	4.139	2.872	1.925	1.279	0.971	1.107
671	6.70	1.782	2.948	4.326	5.422	5.685	4.758	2.695	0.035	-2.345	-3.564
681	6.80	-3.134	-1.239	1.247	3.039	2.924	0.255	-4.747	-11.023	-17.030	-21.269
691	6.90	-22.788	-21.462	-17.953	-13.400	-8.981	-5.534	-3.365	-2.284	-1.820	-1.477
701	7.00	-0.936	-0.137	0.769	1.529	1.907	1.767	1.106	0.051	-1.162	-2.224
711	7.10	-2.802	-2.623	-1.555	0.324	2.715	5.172	7.246	8.650	9.369	9.671
721	7.20	9.994	10.750	12.141	14.049	16.066	17.650	18.320	17.833	16.246	13.859
731	7.30	11.075	8.250	5.595	3.169	0.935	-1.158	-3.132	-4.995	-6.774	-8.556
741	7.40	-10.451	-12.511	-14.623	-16.439	-17.426	-17.020	-14.852	-10.945	-5.777	-0.177
751	7.50	4.932	8.831	11.218	12.242	12.345	11.984	11.380	10.403	8.664	5.764
761	7.60	1.579	-3.565	-8.914	-13.519	-16.547	-17.672	-16.989	-15.109	-12.790	-10.651
771	7.70	-8.972	-7.677	-6.492	-5.181	-3.724	-2.350	-1.408	-1.142	-1.508	-2.127
781	7.80	-2.417	-1.851	-0.216	2.246	4.900	6.962	7.822	7.309	5.783	4.009
791	7.90	2.863	3.005	4.625	7.394	10.588	13.365	15.041	15.288	14.179	12.083
801	8.00	9.492	6.844	4.426	2.368	0.710	-0.522	-1.274	-1.494	-1.199	-0.547
811	8.10	0.151	0.485	0.067	-1.333	-3.698	-6.757	-10.070	-13.158	-15.626	-17.229
821	8.20	-17.861	-17.496	-16.124	-13.733	-10.356	-6.161	-1.519	2.986	6.656	8.855
831	8.30	9.194	7.669	4.672	0.874	-2.968	-6.217	-8.491	-9.697	-9.963	-9.519
841	8.40	-8.601	-7.399	-6.066	-4.764	-3.683	-3.029	-2.962	-3.520	-4.572	-5.824
851	8.50	-6.899	-7.463	-7.237	-6.259	-4.693	-2.862	-1.142	0.139	0.778	0.744
861	8.60	0.185	-0.603	-1.242	-1.356	-0.670	0.909	3.255	6.044	8.843	11.226
871	8.70	12.892	13.728	13.810	13.337	12.533	11.572	10.538	9.455	8.332	7.215
881	8.80	6.198	5.402	4.924	4.794	4.971	5.365	5.882	6.452	7.024	7.532
891	8.90	7.860	7.832	7.262	6.039	4.214	2.037	-0.086	-1.717	-2.535	-2.459
901	9.00	-1.672	-0.537	0.550	1.321	1.723	1.900	2.078	2.415	2.890	3.282
911	9.10	3.255	2.506	0.913	-1.386	-4.015	-6.462	-8.235	-8.986	-8.598	-7.185
921	9.20	-5.052	-2.617	-0.346	1.315	2.002	1.491	-0.236	-2.950	-6.180	-9.270
931	9.30	-11.513	-12.312	-11.331	-8.588	-4.449	0.464	5.425	9.767	12.999	14.856
941	9.40	15.275	14.333	12.181	9.017	5.094	0.761	-3.507	-7.124	-9.477	-10.068
951	9.50	-8.668	-5.431	-0.918	4.011	8.394	11.414	12.605	11.952	9.840	6.897
961	9.60	3.763	0.905	-1.476	-3.411	-5.031	-6.421	-7.529	-8.175	-8.155	-7.383
971	9.70	-5.991	-4.323	-2.826	-1.882	-1.664	-2.082	-2.863	-3.704	-4.440	-5.121
981	9.80	-5.959	-7.179	-8.832	-10.686	-12.265	-13.020	-12.562	-10.852	-8.244	-5.351
991	9.90	-2.799	-0.977	0.101	0.755	1.443	2.506	3.983	5.587	6.845	7.343

Table 7-35-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	6.939	5.850	4.569	3.648	3.461	4.061	5.182	6.395	7.310	7.745
1011	10.10	7.762	7.582	7.430	7.399	7.416	7.309	6.946	6.344	5.680	5.193
1021	10.20	5.017	5.044	4.894	4.042	2.042	-1.237	-5.488	-10.004	-13.894	-16.375
1031	10.30	-17.030	-15.923	-13.545	-10.608	-7.797	-5.583	-4.146	-3.431	-3.272	-3.511
1041	10.40	-4.051	-4.828	-5.736	-6.564	-6.992	-6.670	-5.342	-2.958	0.269	3.907
1051	10.50	7.421	10.323	12.303	13.280	13.385	12.874	12.029	11.066	10.099	9.139
1061	10.60	8.130	7.006	5.726	4.307	2.825	1.403	0.175	-0.752	-1.340	-1.643
1071	10.70	-1.802	-2.021	-2.503	-3.389	-4.712	-6.375	-8.172	-9.833	-11.081	-11.675
1081	10.80	-11.444	-10.310	-8.299	-5.562	-2.378	0.856	3.684	5.687	6.600	6.406
1091	10.90	5.363	3.944	2.684	2.013	2.111	2.873	3.980	5.054	5.821	6.204
1101	11.00	6.306	6.290	6.221	5.960	5.173	3.470	0.602	-3.366	-7.898	-12.282
1111	11.10	-15.655	-17.393	-17.290	-15.630	-13.070	-10.400	-8.284	-7.063	-6.706	-6.897
1121	11.20	-7.209	-7.291	-6.978	-6.313	-5.472	-4.656	-3.989	-3.470	-2.989	-2.385
1131	11.30	-1.510	-0.288	1.269	3.069	4.972	6.820	8.469	9.802	10.737	11.232
1141	11.40	11.278	10.906	10.182	9.206	8.100	6.998	6.026	5.276	4.788	4.539
1151	11.50	4.455	4.440	4.417	4.357	4.301	4.333	4.537	4.936	5.462	5.956
1161	11.60	6.218	6.087	5.504	4.547	3.392	2.233	1.191	0.268	-0.740	-1.972
1171	11.70	-3.576	-5.515	-7.542	-9.260	-10.247	-10.215	-9.119	-7.194	-4.876	-2.660
1181	11.80	-0.947	0.080	0.477	0.486	0.428	0.576	1.074	1.906	2.913	3.855
1191	11.90	4.468	4.522	3.866	2.458	0.385	-2.130	-4.752	-7.089	-8.771	-9.541
1201	12.00	-9.323	-8.239	-6.556	-4.596	-2.629	-0.792	0.914	2.574	4.266	5.966
1211	12.10	7.516	8.660	9.136	8.792	7.666	5.997	4.158	2.537	1.416	0.896
1221	12.20	0.890	1.188	1.548	1.782	1.797	1.590	1.195	0.640	-0.084	-1.010
1231	12.30	-2.147	-3.435	-4.719	-5.764	-6.312	-6.174	-5.299	-3.822	-2.050	-0.395
1241	12.40	0.728	1.020	0.373	-1.085	-3.035	-5.051	-6.726	-7.781	-8.139	-7.912
1251	12.50	-7.332	-6.628	-5.922	-5.167	-4.175	-2.712	-0.631	2.023	4.985	7.834
1261	12.60	10.131	11.576	12.107	11.910	11.325	10.698	10.238	9.952	9.672	9.165
1271	12.70	8.268	6.986	5.507	4.125	3.120	2.647	2.675	3.018	3.424	3.677
1281	12.80	3.672	3.433	3.063	2.678	2.340	2.032	1.681	1.201	0.539	-0.301
1291	12.90	-1.274	-2.320	-3.395	-4.489	-5.609	-6.756	-7.902	-8.974	-9.872	-10.489
1301	13.00	-10.741	-10.589	-10.041	-9.152	-8.017	-6.764	-5.550	-4.548	-3.916	-3.760
1311	13.10	-4.091	-4.801	-5.673	-6.427	-6.806	-6.654	-5.973	-4.924	-3.776	-2.809
1321	13.20	-2.221	-2.059	-2.214	-2.470	-2.595	-2.426	-1.920	-1.156	-0.283	0.552
1331	13.30	1.263	1.854	2.398	2.985	3.671	4.434	5.184	5.794	6.151	6.196
1341	13.40	5.942	5.465	4.873	4.279	3.783	3.461	3.364	3.511	3.870	4.338
1351	13.50	4.743	4.860	4.671	3.433	1.739	-0.464	-2.898	-5.237	-7.191	-8.572
1361	13.60	-9.319	-9.466	-9.082	-8.221	-6.898	-5.116	-2.912	-0.402	2.208	4.659
1371	13.70	6.704	8.169	8.990	9.199	8.880	8.114	6.951	5.423	3.580	1.537
1381	13.80	-0.517	-2.340	-3.703	-4.453	-4.555	-4.093	-3.226	-2.137	-0.985	0.109
1391	13.90	1.059	1.795	2.263	2.437	2.345	2.078	1.768	1.552	1.515	1.666
1401	14.00	1.952	2.308	2.711	3.211	3.896	4.821	5.929	7.011	7.760	7.887
1411	14.10	7.259	5.989	4.417	2.985	2.054	1.749	1.920	2.235	2.357	2.124
1421	14.20	1.624	1.126	0.893	0.991	1.180	0.984	-0.101	-2.340	-5.584	-9.267
1431	14.30	-12.607	-14.912	-15.856	-15.585	-14.614	-13.559	-12.841	-12.506	-12.250	-11.633
1441	14.40	-10.354	-8.458	-6.357	-4.648	-3.831	-4.052	-5.025	-6.146	-6.768	-6.487
1451	14.50	-5.299	-3.574	-1.834	-0.490	0.371	1.010	1.895	3.441	5.781	8.675
1461	14.60	11.585	13.892	15.142	15.213	14.330	12.942	11.520	10.373	9.575	8.991
1471	14.70	8.406	7.660	6.733	5.746	4.886	4.298	4.001	3.870	3.678	3.191
1481	14.80	2.255	0.861	-0.868	-2.620	-4.167	-5.246	-5.720	-5.586	-4.972	-4.091
1491	14.90	-3.189	-2.473	-2.069	-1.994	-2.173	-2.480	-2.790	-3.032	-3.203	-3.364

Table 7-35-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-3.597	-3.960	-4.454	-5.015	-5.535	-5.905	-6.052	-5.959	-5.660	-5.219
1511	15.10	-4.699	-4.142	-3.567	-2.988	-2.427	-1.928	-1.549	-1.341	-1.319	-1.443
1521	15.20	-1.612	-1.694	-1.555	-1.110	-0.352	0.642	1.728	2.731	3.501	3.949
1531	15.30	4.074	3.963	3.760	3.626	3.692	4.034	4.652	5.487	6.450	7.452
1541	15.40	8.433	9.365	10.251	11.094	11.880	12.559	13.046	13.238	13.039	12.392
1551	15.50	11.295	9.809	8.050	6.164	4.298	2.574	1.072	-0.178	-1.181	-1.967
1561	15.60	-2.568	-3.007	-3.302	-3.470	-3.544	-3.582	-3.656	-3.842	-4.195	-4.729
1571	15.70	-5.416	-6.201	-7.025	-7.848	-8.660	-9.465	-10.256	-10.996	-11.608	-11.999
1581	15.80	-12.097	-11.887	-11.422	-10.803	-10.135	-9.472	-8.794	-8.028	-7.099	-5.999
1591	15.90	-4.819	-3.736	-2.938	-2.535	-2.483	-2.582	-2.542	-2.099	-1.127	0.315
1601	16.00	2.016	3.717	5.231	6.523	7.692	8.891	10.199	11.536	12.666	13.289
1611	16.10	13.182	12.325	10.927	9.359	8.000	7.088	6.632	6.445	6.265	5.898
1621	16.20	5.322	4.689	4.223	4.086	4.271	4.591	4.766	4.565	3.926	2.990
1631	16.30	2.037	1.345	1.059	1.120	1.304	1.326	0.969	0.160	-1.032	-2.472
1641	16.40	-4.037	-5.669	-7.343	-8.996	-10.455	-11.433	-11.611	-10.781	-8.984	-6.567
1651	16.50	-4.086	-2.138	-1.128	-1.121	-1.821	-2.709	-3.263	-3.173	-2.452	-1.394
1661	16.60	-0.425	0.091	-0.006	-0.641	-1.582	-2.570	-3.430	-4.108	-4.638	-5.055
1671	16.70	-5.344	-5.430	-5.238	-4.770	-4.145	-3.576	-3.283	-3.380	-3.818	-4.396
1681	16.80	-4.855	-5.006	-4.813	-4.403	-3.979	-3.692	-3.539	-3.351	-2.874	-1.908
1691	16.90	-0.443	1.304	2.954	4.110	4.528	4.210	3.395	2.446	1.694	1.307
1701	17.00	1.254	1.357	1.399	1.241	0.874	0.399	-0.041	-0.345	-0.500	-0.574
1711	17.10	-0.670	-0.873	-1.221	-1.709	-2.309	-2.993	-3.729	-4.459	-5.068	-5.388
1721	17.20	-5.235	-4.481	-3.115	-1.278	0.776	2.763	4.465	5.796	6.804	7.609
1731	17.30	8.313	8.934	9.390	9.557	9.356	8.816	8.098	7.439	7.055	7.055
1741	17.40	7.394	7.904	8.364	8.589	8.482	8.043	7.322	6.382	5.265	4.010
1751	17.50	2.689	1.433	0.421	-0.173	-0.262	0.095	0.697	1.257	1.518	1.350
1761	17.60	0.790	0.005	-0.803	-1.511	-2.131	-2.786	-3.626	-4.704	-5.910	-6.980
1771	17.70	-7.595	-7.520	-6.718	-5.376	-3.833	-2.439	-1.412	-0.761	-0.317	0.159
1781	17.80	0.828	1.674	2.500	3.013	2.966	2.290	1.136	-0.170	-1.261	-1.867
1791	17.90	-1.917	-1.543	-1.602	-0.556	-0.358	-0.407	-0.578	-0.702	-0.661	-0.440
1801	18.00	-0.124	0.156	0.301	0.292	0.199	0.139	0.208	0.431	0.744	1.023
1811	18.10	1.136	1.003	0.624	0.069	-0.558	-1.163	-1.695	-2.145	-2.527	-2.848
1821	18.20	-3.088	-3.209	-3.169	-2.954	-2.587	-2.126	-1.638	-1.175	-0.755	-0.371
1831	18.30	-0.009	0.327	0.602	0.766	0.779	0.645	0.421	0.211	0.124	0.234
1841	18.40	0.546	0.997	1.481	1.893	2.166	2.289	2.293	2.227	2.124	1.991
1851	18.50	1.821	1.614	1.402	1.253	1.247	1.443	1.844	2.386	2.953	3.419
1861	18.60	3.689	3.731	3.572	3.276	2.904	2.488	2.026	1.498	0.898	0.255
1871	18.70	-0.362	-0.868	-1.201	-1.348	-1.365	-1.352	-1.421	-1.645	-2.039	-2.551
1881	18.80	-3.090	-3.568	-3.934	-4.191	-4.391	-4.605	-4.888	-5.256	-5.673	-6.068
1891	18.90	-6.355	-6.465	-6.360	-6.036	-5.518	-4.839	-4.037	-3.146	-2.205	-1.264
1901	19.00	-0.393	0.323	0.800	0.974	0.824	0.381	-0.269	-1.003	-1.679	-2.167
1911	19.10	-2.371	-2.241	-1.785	-1.059	-0.161	0.791	1.684	2.440	3.027	3.470
1921	19.20	3.832	4.183	4.563	4.958	5.295	5.469	5.391	5.024	4.412	3.666
1931	19.30	2.919	2.270	1.747	1.299	0.832	0.275	-0.373	-1.018	-1.503	-1.674
1941	19.40	-1.451	-0.875	-0.099	0.665	1.226	1.483	1.440	1.191	0.855	0.524
1951	19.50	0.232	-0.037	-0.307	-0.577	-0.808	-0.944	-0.959	-0.894	-0.863	-1.014
1961	19.60	-1.468	-2.260	-3.303	-4.420	-5.401	-6.079	-6.375	-6.310	-5.962	-5.420
1971	19.70	-4.736	-3.926	-2.986	-1.935	-0.832	0.230	1.165	1.938	2.590	3.219
1981	19.80	3.931	4.774	5.693	6.534	7.097	7.211	6.807	5.945	4.792	3.555
1991	19.90	2.410	1.455	0.702	0.111	-0.359	-0.715	-0.925	-0.951	-0.784	-0.486

Table 7-35-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.190	-0.059	-0.237	-0.787	-1.667	-2.736	-3.799	-4.866	-5.200	-5.344
2011	20.10	-3.113	-4.569	-3.787	-2.838	-1.778	-0.661	0.452	1.491	2.391	3.118
2021	20.20	3.689	4.178	4.700	5.362	6.223	7.252	8.330	9.285	9.952	10.242
2031	20.30	10.173	9.865	9.484	9.167	8.953	8.756	8.391	7.658	6.425	4.704
2041	20.40	2.665	0.593	-1.201	-2.487	-3.181	-3.372	-3.274	-3.153	-3.237	-3.644
2051	20.50	-4.365	-5.279	-6.204	-6.964	-7.436	-7.579	-7.431	-7.084	-6.649	-6.214
2061	20.60	-5.829	-5.497	-5.199	-4.913	-4.649	-4.452	-4.391	-4.526	-4.870	-5.361
2071	20.70	-5.876	-6.260	-6.394	-6.234	-5.841	-5.349	-4.910	-4.633	-4.529	-4.525
2081	20.80	-4.498	-4.344	-4.033	-3.621	-3.211	-2.893	-2.682	-2.494	-2.176	-1.573
2091	20.90	-0.603	0.690	2.145	3.531	4.623	5.268	5.407	5.061	4.287	3.144
2101	21.00	1.671	-0.091	-2.061	-4.101	-6.008	-7.557	-8.562	-8.930	-8.695	-7.999
2111	21.10	-7.052	-6.060	-5.169	-4.440	-3.841	-3.279	-2.637	-1.815	-0.754	0.541
2121	21.20	2.000	3.509	4.929	6.137	7.064	7.710	8.151	8.505	8.886	9.361
2131	21.30	9.927	10.512	11.020	11.367	11.522	11.509	11.378	11.166	10.861	10.405
2141	21.40	9.726	8.787	7.633	6.396	5.263	4.402	3.895	3.702	3.677	3.632
2151	21.50	3.427	3.029	2.539	2.139	2.017	2.271	2.856	3.585	4.185	4.394
2161	21.60	4.045	3.123	1.763	0.200	-1.301	-2.525	-3.353	-3.770	-3.850	-3.710
2171	21.70	-3.471	-3.226	-3.032	-2.910	-2.859	-2.868	-2.923	-3.009	-3.106	-3.193
2181	21.80	-3.253	-3.276	-3.273	-3.268	-3.296	-3.377	-3.517	-3.683	-3.818	-3.863
2191	21.90	-3.780	-3.580	-3.320	-3.087	-2.957	-2.960	-3.057	-3.147	-3.104	-2.830
2201	22.00	-2.291	-1.538	-0.679	0.160	0.893	1.496	2.006	2.482	2.962	3.422
2211	22.10	3.782	3.939	3.816	3.410	2.805	2.142	1.569	1.178	0.982	0.920
2221	22.20	0.899	0.849	0.751	0.645	0.587	0.605	0.665	0.672	0.507	0.086
2231	22.30	-0.595	-1.447	-2.318	-3.051	-3.538	-3.756	-3.754	-3.616	-3.415	-3.182
2241	22.40	-2.915	-2.596	-2.233	-1.869	-1.567	-1.378	-1.297	-1.259	-1.157	-0.894
2251	22.50	-0.442	0.141	0.720	1.143	1.301	1.175	0.832	0.383	-0.074	-0.501
2261	22.60	-0.917	-1.359	-1.829	-2.259	-2.515	-2.456	-2.005	-1.208	-0.228	0.710
2271	22.70	1.405	1.758	1.794	1.623	1.360	1.053	0.659	0.082	-0.741	-1.762
2281	22.80	-2.810	-3.637	-4.034	-3.936	-3.467	-2.896	-2.510	-2.481	-2.780	-3.193
2291	22.90	-3.439	-3.323	-2.851	-2.246	-1.843	-1.926	-2.571	-3.593	-4.615	-5.228
2301	23.00	-5.175	-4.460	-3.336	-2.185	-1.344	-0.975	-1.018	-1.265	-1.485	-1.542
2311	23.10	-1.442	-1.298	-1.234	-1.295	-1.417	-1.463	-1.315	-0.947	-0.453	0.001
2321	23.20	0.269	0.301	0.166	0.010	-0.040	0.048	0.187	0.227	0.047	-0.357
2331	23.30	-0.849	-1.217	-1.274	-0.968	-0.411	0.181	0.603	0.790	0.866	1.098
2341	23.40	1.757	2.977	4.653	6.472	8.028	8.996	9.257	8.981	8.441	7.965
2351	23.50	7.737	7.732	7.758	7.574	7.027	6.140	5.101	4.176	3.581	3.390
2361	23.60	3.514	3.760	3.927	3.895	3.662	3.316	2.968	2.685	2.467	2.263
2371	23.70	2.021	1.728	1.432	1.212	1.136	1.218	1.402	1.587	1.669	1.578
2381	23.80	1.295	0.848	0.278	-0.380	-1.105	-1.878	-2.668	-3.422	-4.076	-4.581
2391	23.90	-4.924	-5.138	-5.278	-5.390	-5.481	-5.507	-5.397	-5.096	-4.604	-3.992
2401	24.00	-3.383	-2.910	-2.664	-2.669	-2.887	-3.243	-3.667	-4.109	-4.539	-4.916
2411	24.10	-5.169	-5.196	-4.893	-4.194	-3.117	-1.766	-0.300	1.125	2.414	3.562
2421	24.20	4.634	5.715	6.848	7.997	9.061	9.917	10.461	10.752	10.808	10.772
2431	24.30	10.748	10.775	10.809	10.757	10.512	10.008	9.232	8.219	7.024	5.698
2441	24.40	4.281	2.813	1.350	-0.035	-1.269	-2.313	-3.193	-4.003	-4.865	-5.877
2451	24.50	-7.047	-8.266	-9.341	-10.058	-10.274	-9.980	-9.311	-8.498	-7.775	-7.298
2461	24.60	-7.097	-7.088	-7.126	-7.080	-6.891	-6.578	-6.210	-5.855	-5.543	-5.248
2471	24.70	-4.927	-4.553	-4.158	-3.836	-3.711	-3.876	-4.343	-5.013	-5.698	-6.179
2481	24.80	-6.282	-5.939	-5.216	-4.281	-3.349	-2.594	-2.097	-1.821	-1.636	-1.390
2491	24.90	-0.973	-0.368	0.337	0.995	1.472	1.710	1.772	1.825	2.080	2.706

Table 7-35-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	3.759	5.153	6.690	8.126	9.263	10.003	10.373	10.483	10.475	10.464
2511	25.10	10.504	10.590	10.686	10.742	10.707	10.517	10.080	9.279	8.005	6.206
2521	25.20	3.945	1.415	-1.088	-3.247	-4.823	-5.724	-6.029	-5.933	-5.658	-5.358
2531	25.30	-5.078	-4.762	-4.323	-3.717	-2.992	-2.281	-1.742	-1.485	-1.518	-1.746
2541	25.40	-2.023	-2.218	-2.274	-2.216	-2.117	-2.032	-1.955	-1.805	-1.473	-0.879
2551	25.50	-0.034	0.951	1.895	2.617	3.002	3.036	2.795	2.404	1.977	1.584
2561	25.60	1.245	0.954	0.702	0.503	0.383	0.362	0.437	0.571	0.711	0.808
2571	25.70	0.838	0.800	0.702	0.536	0.274	-0.124	-0.674	-1.342	-2.031	-2.605
2581	25.80	-2.936	-2.966	-2.736	-2.379	-2.075	-1.981	-2.174	-2.632	-3.256	-3.920
2591	25.90	-4.521	-5.007	-5.375	-5.634	-5.781	-5.780	-5.581	-5.151	-4.505	-3.718
2601	26.00	-2.904	-2.182	-1.635	-1.287	-1.112	-1.060	-1.087	-1.180	-1.346	-1.593
2611	26.10	-1.905	-2.233	-2.503	-2.645	-2.616	-2.421	-2.098	-1.700	-1.261	-0.783
2621	26.20	-0.247	0.368	1.052	1.751	2.378	2.839	3.072	3.082	2.940	2.764
2631	26.30	2.676	2.756	3.014	3.387	3.762	4.019	4.073	3.903	3.556	3.125
2641	26.40	2.714	2.398	2.201	2.086	1.985	1.821	1.548	1.168	0.728	0.298
2651	26.50	-0.061	-0.321	-0.494	-0.616	-0.722	-0.821	-0.888	-0.886	-0.788	-0.613
2661	26.60	-0.429	-0.336	-0.416	-0.691	-1.089	-1.465	-1.641	-1.485	-0.961	-0.146
2671	26.70	0.791	1.667	2.349	2.807	3.112	3.393	3.764	4.265	4.840	5.358
2681	26.80	5.673	5.689	5.398	4.888	4.295	3.753	3.340	3.055	2.839	2.612
2691	26.90	2.319	1.961	1.589	1.282	1.105	1.080	1.175	1.318	1.426	1.439
2701	27.00	1.335	1.132	0.867	0.576	0.271	-0.062	-0.455	-0.936	-1.518	-2.182
2711	27.10	-2.883	-3.566	-4.172	-4.656	-4.986	-5.138	-5.096	-4.848	-4.395	-3.758
2721	27.20	-2.987	-2.154	-1.346	-0.635	-0.069	0.349	0.645	0.863	1.037	1.177
2731	27.30	1.268	1.286	1.217	1.078	0.914	0.784	0.735	0.774	0.863	0.930
2741	27.40	0.899	0.723	0.403	-0.008	-0.431	-0.789	-1.034	-1.158	-1.187	-1.159
2751	27.50	-1.105	-1.042	-0.975	-0.906	-0.843	-0.799	-0.778	-0.762	-0.705	-0.541
2761	27.60	-0.211	0.309	0.982	1.711	2.356	2.779	2.880	2.624	2.049	1.243
2771	27.70	0.323	-0.597	-1.423	-2.086	-2.544	-2.775	-2.782	-2.591	-2.259	-1.855
2781	27.80	-1.454	-1.108	-0.835	-0.615	-0.406	-0.168	0.116	0.422	0.702	0.901
2791	27.90	0.989	0.981	0.934	0.926	1.019	1.234	1.527	1.806	1.959	1.892
2801	28.00	1.562	0.998	0.281	-0.473	-1.158	-1.703	-2.087	-2.336	-2.503	-2.644
2811	28.10	-2.790	-2.943	-3.073	-3.136	-3.095	-2.936	-2.676	-2.357	-2.033	-1.750
2821	28.20	-1.530	-1.366	-1.230	-1.090	-0.926	-0.739	-0.547	-0.376	-0.234	-0.107
2831	28.30	0.049	0.283	0.634	1.100	1.636	2.161	2.588	2.857	2.953	2.913
2841	28.40	2.805	2.695	2.615	2.559	2.488	2.363	2.177	1.974	1.836	1.851
2851	28.50	2.068	2.464	2.939	3.348	3.550	3.464	3.097	2.542	1.937	1.406
2861	28.60	1.016	0.754	0.548	0.306	-0.036	-0.487	-1.005	-1.524	-2.000	-2.428
2871	28.70	-2.849	-3.313	-3.845	-4.411	-4.919	-5.255	-5.332	-5.139	-4.759	-4.337
2881	28.80	-4.027	-3.918	-4.001	-4.162	-4.244	-4.116	-3.742	-3.209	-2.689	-2.370
2891	28.90	-2.362	-2.646	-3.070	-3.409	-3.459	-3.123	-2.453	-1.621	-0.846	-0.291
2901	29.00	-0.002	0.108	0.207	0.451	0.907	1.515	2.116	2.532	2.647	2.464
2911	29.10	2.099	1.723	1.473	1.392	1.413	1.406	1.256	0.935	0.521	0.166
2921	29.20	0.017	0.134	0.455	0.820	1.044	1.010	0.725	0.315	-0.037	-0.181
2931	29.30	-0.066	0.239	0.598	0.884	1.048	1.136	1.248	1.468	1.789	2.102
2941	29.40	2.240	2.066	1.564	0.865	0.212	-0.149	-0.078	0.386	1.035	1.584
2951	29.50	1.793	1.574	1.023	0.371	-0.127	-0.295	-0.107	0.330	0.843	1.285
2961	29.60	1.601	1.828	2.053	2.340	2.681	2.989	3.141	3.046	2.694	2.168
2971	29.70	1.609	1.158	0.891	0.810	0.848	0.923	0.976	0.994	0.998	1.009
2981	29.80	1.017	0.975	0.809	0.460	-0.085	-0.785	-1.559	-2.316	-2.989	-3.546
2991	29.90	-3.985	-4.309	-4.511	-4.569	-4.462	-4.195	-3.812	-3.381	-2.970	-2.600

Table 7-35-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-2.233	-1.778	-1.137	-0.257	0.824	1.975	3.016	3.784	4.197	4.292
3011	30.10	4.198	4.081	4.069	4.201	4.412	4.580	4.581	4.356	3.932	3.415
3021	30.20	2.935	2.595	2.439	2.442	2.535	2.648	2.726	2.745	2.688	2.537
3031	30.30	2.256	1.810	1.186	0.425	-0.374	-1.076	-1.552	-1.730	-1.624	-1.335
3041	30.40	-1.008	-0.782	-0.734	-0.861	-1.092	-1.327	-1.485	-1.535	-1.492	-1.400
3051	30.50	-1.292	-1.164	-0.980	-0.693	-0.278	0.238	0.771	1.212	1.462	1.480
3061	30.60	1.297	1.003	0.715	0.523	0.456	0.475	0.492	0.415	0.193	-0.160
3071	30.70	-0.570	-0.928	-1.142	-1.176	-1.067	-0.917	-0.850	-0.970	-1.312	-1.830
3081	30.80	-2.404	-2.884	-3.144	-3.120	-2.839	-2.403	-1.948	-1.602	-1.432	-1.433
3091	30.90	-1.536	-1.652	-1.711	-1.695	-1.640	-1.610	-1.649	-1.748	-1.828	-1.770
3101	31.00	-1.463	-0.864	-0.034	0.869	1.635	2.077	2.102	1.745	1.153	0.528
3111	31.10	0.047	-0.199	-0.230	-0.153	-0.097	-0.157	-0.350	-0.620	-0.876	-1.052
3121	31.20	-1.139	-1.194	-1.308	-1.546	-1.905	-2.297	-2.580	-2.611	-2.315	-1.723
3131	31.30	-0.963	-0.223	0.324	0.573	0.513	0.220	-0.193	-0.624	-1.014	-1.358
3141	31.40	-1.677	-1.992	-2.296	-2.550	-2.707	-2.735	-2.645	-2.491	-2.350	-2.293
3151	31.50	-2.350	-2.499	-2.673	-2.788	-2.775	-2.608	-2.309	-1.937	-1.566	-1.256
3161	31.60	-1.036	-0.892	-0.781	-0.638	-0.407	-0.052	0.422	0.974	1.524	1.984
3171	31.70	2.275	2.359	2.252	2.023	1.769	1.587	1.537	1.619	1.774	1.909
3181	31.80	1.928	1.773	1.443	0.997	0.530	0.148	-0.065	-0.065	0.147	0.530
3191	31.90	1.022	1.551	2.047	2.455	2.739	2.890	2.925	2.884	2.816	2.763
3201	32.00	2.747	2.762	2.776	2.749	2.649	2.466	2.222	1.957	1.721	1.551
3211	32.10	1.466	1.459	1.503	1.562	1.602	1.592	1.513	1.358	1.132	0.867
3221	32.20	0.520	0.168	-0.197	-0.571	-0.951	-1.328	-1.682	-1.979	-2.179	-2.256
3231	32.30	-2.214	-2.093	-1.963	-1.893	-1.930	-2.065	-2.240	-2.369	-2.377	-2.235
3241	32.40	-1.979	-1.691	-1.461	-1.341	-1.320	-1.323	-1.251	-1.028	-0.642	-0.156
3251	32.50	0.316	0.657	0.798	0.739	0.549	0.329	0.171	0.121	0.169	0.270
3261	32.60	0.364	0.412	0.405	0.360	0.317	0.317	0.397	0.585	0.895	1.322
3271	32.70	1.837	2.380	2.870	3.224	3.379	3.315	3.060	2.674	2.220	1.736
3281	32.80	1.225	0.668	0.055	-0.588	-1.190	-1.652	-1.891	-1.886	-1.698	-1.459
3291	32.90	-1.318	-1.381	-1.661	-2.074	-2.472	-2.702	-2.675	-2.390	-1.930	-1.416
3301	33.00	-0.952	-0.593	-0.332	-0.131	0.047	0.211	0.338	0.395	0.368	0.285
3311	33.10	0.211	0.224	0.377	0.673	1.056	1.428	1.691	1.774	1.660	1.383
3321	33.20	1.008	0.608	0.242	-0.053	-0.264	-0.389	-0.433	-0.403	-0.306	-0.147
3331	33.30	0.068	0.339	0.667	1.051	1.486	1.951	2.413	2.830	3.167	3.405
3341	33.40	3.550	3.627	3.672	3.710	3.745	3.758	3.716	3.591	3.371	3.075
3351	33.50	2.745	2.438	2.202	2.064	2.014	2.008	1.979	1.855	1.584	1.153
3361	33.60	0.597	-0.002	-0.535	-0.903	-1.046	-0.969	-0.740	-0.468	-0.260	-0.180
3371	33.70	-0.222	-0.314	-0.355	-0.256	0.008	0.389	0.777	1.047	1.107	0.936
3381	33.80	0.586	0.155	-0.252	-0.570	-0.784	-0.927	-1.051	-1.193	-1.363	-1.542
3391	33.90	-1.701	-1.819	-1.899	-1.961	-2.029	-2.118	-2.225	-2.340	-2.453	-2.567
3401	34.00	-2.695	-2.847	-3.011	-3.147	-3.194	-3.098	-2.842	-2.464	-2.054	-1.724
3411	34.10	-1.565	-1.608	-1.817	-2.101	-2.356	-2.510	-2.551	-2.520	-2.483	-2.500
3421	34.20	-2.587	-2.719	-2.846	-2.924	-2.943	-2.929	-2.930	-2.987	-3.106	-3.258
3431	34.30	-3.386	-3.436	-3.383	-3.238	-3.038	-2.825	-2.621	-2.419	-2.195	-1.928
3441	34.40	-1.622	-1.315	-1.067	-0.934	-0.944	-1.080	-1.290	-1.508	-1.681	-1.788
3451	34.50	-1.839	-1.857	-1.856	-1.826	-1.730	-1.525	-1.190	-0.744	-0.251	0.196
3461	34.60	0.507	0.626	0.548	0.321	0.025	-0.255	-0.457	-0.558	-0.568	-0.520
3471	34.70	-0.451	-0.384	-0.323	-0.254	-0.153	-0.007	0.185	0.398	0.596	0.739
3481	34.80	0.806	0.809	0.798	0.856	1.067	1.491	2.131	2.928	3.765	4.513
3491	34.90	5.066	5.381	5.493	5.493	5.488	5.557	5.718	5.926	6.099	6.165

Table 7-35-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	6.093	5.917	5.713	5.567	5.530	5.595	5.695	5.742	5.657	5.414
3511	35.10	5.040	4.606	4.188	3.840	3.570	3.351	3.140	2.907	2.644	2.367
3521	35.20	2.099	1.848	1.601	1.327	0.994	0.585	0.115	-0.380	-0.853	-1.269
3531	35.30	-1.612	-1.888	-2.110	-2.286	-2.414	-2.481	-2.483	-2.429	-2.349	-2.282
3541	35.40	-2.257	-2.285	-2.349	-2.422	-2.483	-2.540	-2.625	-2.779	-3.022	-3.333
3551	35.50	-3.640	-3.845	-3.861	-3.653	-3.252	-2.750	-2.256	-1.853	-1.568	-1.367
3561	35.60	-1.186	-0.971	-0.715	-0.454	-0.250	-0.146	-0.134	-0.152	-0.111	0.053
3571	35.70	0.345	0.693	0.982	1.110	1.039	0.821	0.584	0.467	0.564	0.875
3581	35.80	1.304	1.710	1.962	1.996	1.830	1.538	1.207	0.880	0.547	0.158
3591	35.90	-0.331	-0.919	-1.543	-2.096	-2.470	-2.605	-2.515	-2.280	-2.006	-1.786
3601	36.00	-1.670	-1.653	-1.705	-1.788	-1.884	-1.989	-2.106	-2.225	-2.321	-2.367
3611	36.10	-2.351	-2.291	-2.235	-2.228	-2.291	-2.392	-2.459	-2.403	-2.168	-1.758
3621	36.20	-1.236	-0.697	-0.223	0.162	0.492	0.828	1.211	1.614	1.938	2.041
3631	36.30	1.802	1.190	0.286	-0.737	-1.660	-2.308	-2.600	-2.561	-2.295	-1.932
3641	36.40	-1.581	-1.307	-1.126	-1.039	-1.036	-1.112	-1.248	-1.401	-1.502	-1.478
3651	36.50	-1.282	-0.924	-0.472	-0.027	0.322	0.537	0.649	0.730	0.847	1.011
3661	36.60	1.164	1.203	1.038	0.663	0.181	-0.217	-0.320	0.012	0.780	1.843
3671	36.70	2.963	3.897	4.490	4.724	4.704	4.606	4.591	4.744	5.055	5.439
3681	36.80	5.784	6.005	6.066	5.982	5.796	5.556	5.294	5.032	4.786	4.575
3691	36.90	4.419	4.328	4.293	4.284	4.264	4.205	4.102	3.978	3.864	3.778
3701	37.00	3.702	3.584	3.353	2.956	2.384	1.682	0.937	0.235	-0.368	-0.871
3711	37.10	-1.318	-1.766	-2.245	-2.734	-3.163	-3.445	-3.523	-3.404	-3.167	-2.936
3721	37.20	-2.830	-2.914	-3.168	-3.500	-3.782	-3.904	-3.823	-3.568	-3.225	-2.894
3731	37.30	-2.649	-2.504	-2.430	-2.374	-2.301	-2.216	-2.167	-2.217	-2.409	-2.731
3741	37.40	-3.112	-3.441	-3.606	-3.541	-3.252	-2.814	-2.349	-1.978	-1.779	-1.767
3751	37.50	-1.896	-2.082	-2.240	-2.316	-2.295	-2.207	-2.099	-2.018	-1.990	-2.013
3761	37.60	-2.062	-2.102	-2.098	-2.031	-1.905	-1.744	-1.581	-1.452	-1.377	-1.354
3771	37.70	-1.356	-1.343	-1.274	-1.132	-0.939	-0.751	-0.668	-0.694	-0.926	-1.318
3781	37.80	-1.786	-2.217	-2.506	-2.591	-2.481	-2.246	-1.990	-1.812	-1.768	-1.851
3791	37.90	-2.000	-2.120	-2.120	-1.941	-1.563	-1.010	-0.332	0.411	1.157	1.848
3801	38.00	2.435	2.877	3.150	3.255	3.218	3.094	2.952	2.855	2.847	2.940
3811	38.10	3.113	3.326	3.535	3.699	3.795	3.808	3.736	3.578	3.342	3.043
3821	38.20	2.709	2.374	2.075	1.835	1.659	1.526	1.401	1.249	1.048	0.801
3831	38.30	0.534	0.281	0.069	-0.096	-0.233	-0.378	-0.564	-0.805	-1.087	-1.368
3841	38.40	-1.595	-1.722	-1.730	-1.632	-1.475	-1.315	-1.207	-1.179	-1.227	-1.314
3851	38.50	-1.390	-1.392	-1.282	-1.068	-0.711	-0.313	0.089	0.449	0.743	0.974
3861	38.60	1.173	1.378	1.619	1.904	2.210	2.491	2.696	2.792	2.771	2.657
3871	38.70	2.491	2.313	2.139	1.957	1.742	1.473	1.163	0.867	0.674	0.675
3881	38.80	0.924	1.405	2.025	2.666	3.124	3.370	3.375	3.212	3.000	2.851
3891	38.90	2.817	2.875	2.939	2.908	2.716	2.365	1.930	1.525	1.252	1.166
3901	39.00	1.252	1.441	1.646	1.797	1.861	1.841	1.748	1.581	1.318	0.925
3911	39.10	0.385	-0.280	-0.997	-1.660	-2.172	-2.483	-2.607	-2.625	-2.644	-2.754
3921	39.20	-2.993	-3.339	-3.727	-4.083	-4.358	-4.541	-4.654	-4.728	-4.782	-4.820
3931	39.30	-4.835	-4.829	-4.827	-4.867	-4.979	-5.156	-5.335	-5.408	-5.261	-4.822
3941	39.40	-4.112	-3.245	-2.402	-1.767	-1.461	-1.495	-1.777	-2.153	-2.476	-2.664
3951	39.50	-2.726	-2.740	-2.798	-2.951	-3.168	-3.346	-3.351	-3.079	-2.513	-1.730
3961	39.60	-0.884	-0.168	0.351	0.569	0.549	0.398	0.231	0.134	0.133	0.203
3971	39.70	0.295	0.367	0.408	0.441	0.509	0.652	0.887	1.205	1.578	1.972
3981	39.80	2.365	2.748	3.118	3.469	3.777	4.012	4.140	4.151	4.063	3.932
3991	39.90	3.824	3.801	3.886	4.057	4.252	4.399	4.441	4.364	4.197	4.000

Table 7-35-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	3.836	3.740	3.713	3.724	3.738	3.738	3.739	3.784	3.918	4.158
4011	40.10	4.473	4.790	5.014	5.071	4.936	4.649	4.295	3.963	3.707	3.515
4021	40.20	3.312	2.992	2.471	1.729	0.828	-0.101	-0.904	-1.462	-1.733	-1.762
4031	40.30	-1.664	-1.572	-1.589	-1.751	-2.021	-2.315	-2.545	-2.658	-2.661	-2.612
4041	40.40	-2.598	-2.693	-2.925	-3.267	-3.647	-3.976	-4.184	-4.244	-4.177	-4.043
4051	40.50	-3.909	-3.825	-3.804	-3.821	-3.828	-3.775	-3.637	-3.416	-3.157	-2.876
4061	40.60	-2.641	-2.457	-2.316	-2.188	-2.044	-1.866	-1.660	-1.452	-1.273	-1.149
4071	40.70	-1.090	-1.084	-1.107	-1.132	-1.141	-1.127	-1.092	-1.041	-0.976	-0.894
4081	40.80	-0.792	-0.668	-0.530	-0.390	-0.261	-0.149	-0.050	0.051	0.166	0.299
4091	40.90	0.437	0.552	0.612	0.595	0.502	0.356	0.196	0.059	-0.031	-0.075
4101	41.00	-0.089	-0.100	-0.129	-0.181	-0.249	-0.323	-0.393	-0.461	-0.529	-0.596
4111	41.10	-0.643	-0.634	-0.530	-0.303	0.043	0.465	0.887	1.229	1.427	1.461
4121	41.20	1.356	1.170	0.967	0.799	0.683	0.610	0.560	0.516	0.479	0.462
4131	41.30	0.482	0.543	0.629	0.709	0.748	0.729	0.656	0.554	0.450	0.362
4141	41.40	0.284	0.194	0.068	-0.093	-0.258	-0.366	-0.350	-0.172	0.156	0.565
4151	41.50	0.948	1.199	1.249	1.096	0.803	0.470	0.202	0.064	0.070	0.185
4161	41.60	0.351	0.514	0.652	0.771	0.897	1.051	1.227	1.394	1.502	1.504
4171	41.70	1.378	1.136	0.821	0.490	0.193	-0.040	-0.203	-0.304	-0.357	-0.370
4181	41.80	-0.343	-0.278	-0.183	-0.082	-0.004	0.027	0.002	-0.061	-0.126	-0.147
4191	41.90	-0.093	0.037	0.221	0.413	0.574	0.685	0.754	0.814	0.902	1.038
4201	42.00	1.211	1.382	1.500	1.519	1.421	1.224	0.969	0.710	0.490	0.328
4211	42.10	0.219	0.139	0.061	-0.034	-0.155	-0.296	-0.445	-0.591	-0.725	-0.845
4221	42.20	-0.953	-1.054	-1.156	-1.268	-1.400	-1.554	-1.723	-1.885	-2.008	-2.061
4231	42.30	-2.033	-1.895	-1.706	-1.500	-1.323	-1.207	-1.155	-1.141	-1.126	-1.073
4241	42.40	-0.971	-0.834	-0.707	-0.640	-0.672	-0.814	-1.039	-1.289	-1.496	-1.598
4251	42.50	-1.557	-1.368	-1.061	-0.687	-0.307	0.029	0.289	0.470	0.598	0.715
4261	42.60	0.863	1.071	1.342	1.644	1.927	2.138	2.236	2.217	2.105	1.950
4271	42.70	1.805	1.708	1.669	1.671	1.687	1.690	1.668	1.630	1.592	1.569
4281	42.80	1.562	1.561	1.546	1.506	1.448	1.397	1.389	1.455	1.604	1.816
4291	42.90	2.046	2.239	2.347	2.341	2.222	2.013	1.754	1.484	1.238	1.037
4301	43.00	0.891	0.792	0.722	0.653	0.555	0.408	0.210	-0.014	-0.222	-0.366
4311	43.10	-0.415	-0.369	-0.261	-0.146	-0.076	-0.071	-0.114	-0.156	-0.143	-0.052
4321	43.20	0.087	0.197	0.182	-0.027	-0.433	-0.964	-1.492	-1.881	-2.047	-1.988
4331	43.30	-1.784	-1.562	-1.438	-1.471	-1.638	-1.862	-2.046	-2.130	-2.111	-2.043
4341	43.40	-2.003	-2.043	-2.171	-2.339	-2.482	-2.548	-2.532	-2.478	-2.455	-2.515
4351	43.50	-2.666	-2.856	-3.000	-3.021	-2.882	-2.612	-2.292	-2.020	-1.872	-1.873
4361	43.60	-1.998	-2.188	-2.382	-2.543	-2.668	-2.776	-2.890	-3.021	-3.154	-3.259
4371	43.70	-3.303	-3.260	-3.119	-2.886	-2.578	-2.217	-1.836	-1.474	-1.171	-0.959
4381	43.80	-0.845	-0.799	-0.756	-0.629	-0.342	0.138	0.784	1.509	2.198	2.741
4391	43.90	3.073	3.191	3.148	3.030	2.922	2.887	2.953	3.122	3.375	3.682
4401	44.00	4.011	4.322	4.573	4.730	4.777	4.729	4.630	4.537	4.496	4.512
4411	44.10	4.566	4.523	4.367	4.036	3.540	2.940	2.314	1.722	1.178	0.650
4421	44.20	0.088	-0.528	-1.162	-1.721	-2.087	-2.174	-1.981	-1.601	-1.192	-0.916
4431	44.30	-0.862	-1.012	-1.240	-1.377	-1.283	-0.914	-0.347	0.256	0.716	0.915
4441	44.40	0.839	0.580	0.288	0.096	0.067	0.170	0.305	0.353	0.234	-0.055
4451	44.50	-0.446	-0.828	-1.095	-1.187	-1.101	-0.885	-0.607	-0.328	-0.084	0.116
4461	44.60	0.283	0.435	0.593	0.778	1.012	1.319	1.710	2.176	2.676	3.142
4471	44.70	3.498	3.689	3.707	3.601	3.457	3.366	3.382	3.491	3.615	3.643
4481	44.80	3.478	3.090	2.528	1.909	1.369	1.000	0.813	0.726	0.603	0.307
4491	44.90	-0.235	-1.004	-1.895	-2.762	-3.475	-3.972	-4.272	-4.456	-4.619	-4.824

Table 7-35-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-5.076	-5.323	-5.489	-5.513	-5.376	-5.103	-4.749	-4.358	-3.949	-3.505
4511	45.10	-2.996	-2.609	-1.770	-1.150	-0.642	-0.323	-0.217	-0.282	-0.419	-0.514
4521	45.20	-0.481	-0.302	-0.027	0.245	0.411	0.416	0.269	0.048	-0.142	-0.210
4531	45.30	-0.125	0.073	0.282	0.385	0.296	-0.008	-0.473	-0.989	-1.437	-1.725
4541	45.40	-1.826	-1.771	-1.637	-1.501	-1.413	-1.376	-1.355	-1.299	-1.172	-0.974
4551	45.50	-0.747	-0.550	-0.442	-0.453	-0.574	-0.764	-0.970	-1.147	-1.272	-1.349
4561	45.60	-1.393	-1.425	-1.459	-1.501	-1.555	-1.627	-1.726	-1.856	-2.003	-2.133
4571	45.70	-2.192	-2.121	-1.883	-1.477	-0.946	-0.368	0.172	0.610	0.918	1.114
4581	45.80	1.243	1.358	1.494	1.667	1.867	2.079	2.288	2.492	2.695	2.903
4591	45.90	3.114	3.320	3.513	3.694	3.875	4.077	4.313	4.579	4.842	5.051
4601	46.00	5.149	5.102	4.917	4.640	4.341	4.089	3.922	3.833	3.777	3.689
4611	46.10	3.521	3.257	2.924	2.579	2.281	2.063	1.924	1.822	1.701	1.516
4621	46.20	1.249	0.926	0.600	0.336	0.180	0.142	0.194	0.278	0.328	0.293
4631	46.30	0.155	-0.071	-0.345	-0.618	-0.851	-1.029	-1.161	-1.272	-1.393	-1.566
4641	46.40	-1.734	-1.943	-2.149	-2.324	-2.447	-2.510	-2.517	-2.485	-2.438	-2.402
4651	46.50	-2.401	-2.449	-2.543	-2.664	-2.774	-2.824	-2.773	-2.600	-2.315	-1.965
4661	46.60	-1.612	-1.320	-1.128	-1.036	-1.007	-0.986	-0.920	-0.786	-0.595	-0.389
4671	46.70	-0.211	-0.087	-0.012	0.052	0.149	0.309	0.523	0.747	0.916	0.971
4681	46.80	0.888	0.688	0.428	0.177	-0.014	-0.125	-0.179	-0.215	-0.276	-0.379
4691	46.90	-0.516	-0.660	-0.779	-0.854	-0.886	-0.893	-0.897	-0.914	-0.946	-0.987
4701	47.00	-1.031	-1.074	-1.120	-1.173	-1.230	-1.282	-1.315	-1.322	-1.320	-1.344
4711	47.10	-1.439	-1.638	-1.937	-2.286	-2.598	-2.781	-2.777	-2.590	-2.296	-2.013
4721	47.20	-1.860	-1.908	-2.149	-2.500	-2.839	-3.052	-3.082	-2.948	-2.728	-2.524
4731	47.30	-2.408	-2.395	-2.436	-2.443	-2.333	-2.061	-1.640	-1.131	-0.617	-0.163
4741	47.40	0.203	0.495	0.747	0.994	1.243	1.470	1.632	1.692	1.635	1.489
4751	47.50	1.317	1.198	1.208	1.390	1.745	2.235	2.789	3.323	3.760	4.047
4761	47.60	4.166	4.134	4.003	3.837	3.699	3.625	3.620	3.651	3.669	3.628
4771	47.70	3.508	3.328	3.140	3.008	2.982	3.076	3.264	3.491	3.700	3.857
4781	47.80	3.962	4.040	4.122	4.223	4.321	4.370	4.317	4.132	3.831	3.470
4791	47.90	3.129	2.875	2.733	2.678	2.648	2.572	2.410	2.169	1.897	1.658
4801	48.00	1.499	1.421	1.381	1.313	1.159	0.900	0.565	0.216	-0.088	-0.317
4811	48.10	-0.489	-0.658	-0.884	-1.199	-1.581	-1.957	-2.239	-2.354	-2.287	-2.091
4821	48.20	-1.865	-1.721	-1.736	-1.931	-2.261	-2.645	-3.000	-3.271	-3.450	-3.566
4831	48.30	-3.662	-3.770	-3.894	-4.014	-4.099	-4.128	-4.103	-4.053	-4.016	-4.019
4841	48.40	-4.071	-4.151	-4.221	-4.247	-4.206	-4.103	-3.955	-3.789	-3.623	-3.461
4851	48.50	-3.295	-3.116	-2.921	-2.721	-2.534	-2.374	-2.252	-2.151	-2.048	-1.918
4861	48.60	-1.768	-1.544	-1.329	-1.135	-0.987	-0.895	-0.847	-0.821	-0.792	-0.739
4871	48.70	-0.657	-0.551	-0.429	-0.300	-0.169	-0.038	0.091	0.212	0.321	0.413
4881	48.80	0.495	0.579	0.680	0.808	0.958	1.110	1.236	1.310	1.320	1.279
4891	48.90	1.214	1.158	1.138	1.156	1.199	1.240	1.258	1.249	1.226	1.211
4901	49.00	1.222	1.263	1.317	1.358	1.363	1.324	1.253	1.175	1.115	1.082
4911	49.10	1.067	1.046	0.996	0.910	0.806	0.718	0.688	0.744	0.891	1.108
4921	49.20	1.358	1.603	1.819	2.000	2.156	2.305	2.460	2.623	2.783	2.920
4931	49.30	3.008	3.026	2.963	2.822	2.626	2.412	2.228	2.116	2.094	2.146
4941	49.40	2.223	2.259	2.195	2.012	1.742	1.460	1.252	1.172	1.210	1.280
4951	49.50	1.253	1.007	0.482	-0.281	-1.147	-1.933	-2.474	-2.685	-2.592	-2.309
4961	49.60	-1.993	-1.775	-1.716	-1.790	-1.914	-1.994	-1.975	-1.860	-1.701	-1.572
4971	49.70	-1.520	-1.552	-1.629	-1.692	-1.696	-1.630	-1.523	-1.422	-1.370	-1.377
4981	49.80	-1.420	-1.450	-1.421	-1.308	-1.127	-0.918	-0.735	-0.620	-0.586	-0.621
4991	49.90	-0.697	-0.786	-0.874	-0.965	-1.068	-1.187	-1.306	-1.392	-1.402	-1.303

Table 7-35-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.094	-0.808	-0.506	-0.254	-0.096	-0.030	-0.012	0.032	0.175	0.453
5011	50.10	0.852	1.310	1.745	2.086	2.302	2.406	2.441	2.446	2.432	2.369
5021	50.20	2.204	1.894	1.442	0.910	0.403	0.032	-0.140	-0.124	-0.010	0.074
5031	50.30	0.020	-0.214	-0.582	-0.973	-1.259	-1.355	-1.254	-1.025	-0.776	-0.606
5041	50.40	-0.561	-0.621	-0.721	-0.790	-0.790	-0.727	-0.643	-0.586	-0.579	-0.613
5051	50.50	-0.648	-0.647	-0.589	-0.490	-0.381	-0.298	-0.253	-0.232	-0.204	-0.147
5061	50.60	-0.060	0.032	0.096	0.111	0.091	0.082	0.140	0.302	0.561	0.860
5071	50.70	1.121	1.271	1.284	1.187	1.047	0.937	0.903	0.939	1.007	1.055
5081	50.80	1.060	1.042	1.063	1.190	1.462	1.859	2.301	2.678	2.895	2.907
5091	50.90	2.743	2.489	2.254	2.122	2.120	2.215	2.330	2.380	2.313	2.122
5101	51.00	1.850	1.562	1.315	1.131	0.993	0.853	0.658	0.375	0.010	-0.397
5111	51.10	-0.785	-1.108	-1.350	-1.534	-1.714	-1.945	-2.256	-2.632	-3.020	-3.349
5121	51.20	-3.569	-3.671	-3.696	-3.720	-3.814	-4.010	-4.281	-4.554	-4.737	-4.762
5131	51.30	-4.618	-4.352	-4.047	-3.783	-3.599	-3.484	-3.381	-3.228	-2.989	-2.669
5141	51.40	-2.312	-1.968	-1.667	-1.401	-1.137	-0.840	-0.510	-0.194	0.028	0.081
5151	51.50	-0.061	-0.351	-0.674	-0.889	-0.890	-0.644	-0.212	0.278	0.691	0.935
5161	51.60	1.000	0.952	0.896	0.922	1.066	1.297	1.536	1.702	1.749	1.682
5171	51.70	1.555	1.440	1.388	1.416	1.496	1.583	1.636	1.638	1.602	1.562
5181	51.80	1.548	1.572	1.626	1.684	1.721	1.726	1.706	1.681	1.672	1.691
5191	51.90	1.734	1.783	1.820	1.831	1.818	1.794	1.779	1.788	1.826	1.883
5201	52.00	1.940	1.974	1.965	1.898	1.771	1.587	1.357	1.101	0.840	0.600
5211	52.10	0.403	0.269	0.208	0.217	0.281	0.375	0.474	0.552	0.598	0.609
5221	52.20	0.596	0.575	0.563	0.569	0.593	0.626	0.658	0.678	0.683	0.676
5231	52.30	0.670	0.673	0.690	0.719	0.750	0.771	0.778	0.771	0.761	0.761
5241	52.40	0.779	0.811	0.848	0.872	0.876	0.859	0.837	0.831	0.858	0.915
5251	52.50	0.979	1.013	0.977	0.850	0.640	0.381	0.123	-0.090	-0.239	-0.339
5261	52.60	-0.426	-0.541	-0.707	-0.911	-1.116	-1.272	-1.343	-1.334	-1.283	-1.255
5271	52.70	-1.308	-1.456	-1.707	-1.966	-2.167	-2.248	-2.193	-2.031	-1.825	-1.642
5281	52.80	-1.525	-1.480	-1.478	-1.478	-1.447	-1.376	-1.282	-1.193	-1.132	-1.101
5291	52.90	-1.084	-1.055	-0.995	-0.907	-0.811	-0.736	-0.704	-0.716	-0.751	-0.781
5301	53.00	-0.783	-0.755	-0.717	-0.697	-0.712	-0.754	-0.788	-0.761	-0.629	-0.383
5311	53.10	-0.057	0.277	0.532	0.640	0.574	0.362	0.071	-0.216	-0.435	-0.556
5321	53.20	-0.596	-0.600	-0.620	-0.695	-0.830	-1.002	-1.165	-1.277	-1.311	-1.268
5331	53.30	-1.171	-1.055	-0.955	-0.890	-0.861	-0.853	-0.847	-0.828	-0.790	-0.740
5341	53.40	-0.691	-0.654	-0.633	-0.625	-0.622	-0.616	-0.604	-0.589	-0.578	-0.576
5351	53.50	-0.580	-0.584	-0.579	-0.561	-0.532	-0.502	-0.482	-0.479	-0.490	-0.502
5361	53.60	-0.504	-0.485	-0.450	-0.411	-0.384	-0.381	-0.398	-0.421	-0.430	-0.412
5371	53.70	-0.367	-0.314	-0.277	-0.272	-0.300	-0.341	-0.366	-0.350	-0.292	-0.212
5381	53.80	-0.147	-0.131	-0.176	-0.261	-0.342	-0.366	-0.288	-0.109	0.142	0.409
5391	53.90	0.630	0.760	0.783	0.715	0.589	0.448	0.329	0.257	0.244	0.285
5401	54.00	0.365	0.453	0.516	0.518	0.440	0.283	0.076	-0.132	-0.288	-0.354
5411	54.10	-0.316	-0.191	-0.014	0.180	0.370	0.552	0.734	0.921	1.105	1.263
5421	54.20	1.368	1.404	1.379	1.325	1.281	1.277	1.309	1.346	1.339	1.249
5431	54.30	1.075	0.859	0.673	0.594	0.662	0.872	1.167	1.466	1.697	1.827
5441	54.40	1.861	1.843	1.820	1.824	1.859	1.905	1.934	1.931	1.900	1.863
5451	54.50	1.844	1.859	1.902	1.957	2.001	2.020	2.016	2.001	1.993	2.001
5461	54.60	2.025	2.055	2.083	2.103	2.120	2.139	2.159	2.170	2.150	2.076
5471	54.70	1.939	1.746	1.524	1.312	1.140	1.022	0.947	0.886	0.807	0.688
5481	54.80	0.530	0.351	0.183	0.055	-0.018	-0.041	-0.031	-0.015	-0.013	-0.034
5491	54.90	-0.076	-0.125	-0.168	-0.199	-0.221	-0.248	-0.300	-0.399	-0.555	-0.763

Table 7-35-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.005	-1.246	-1.447	-1.574	-1.607	-1.543	-1.400	-1.207	-0.999	-0.809
5511	55.10	-0.658	-0.558	-0.512	-0.517	-0.567	-0.652	-0.758	-0.870	-0.972	-1.052
5521	55.20	-1.105	-1.136	-1.158	-1.187	-1.232	-1.295	-1.369	-1.438	-1.493	-1.529
5531	55.30	-1.554	-1.582	-1.630	-1.703	-1.793	-1.880	-1.934	-1.933	-1.865	-1.739
5541	55.40	-1.578	-1.413	-1.271	-1.168	-1.098	-1.043	-0.976	-0.874	-0.725	-0.537
5551	55.50	-0.328	-0.126	0.068	0.182	0.285	0.376	0.475	0.610	0.787	0.995
5561	55.60	1.209	1.392	1.504	1.518	1.420	1.218	0.939	0.625	0.323	0.073
5571	55.70	-0.104	-0.209	-0.268	-0.324	-0.421	-0.586	-0.819	-1.086	-1.328	-1.488
5581	55.80	-1.529	-1.454	-1.308	-1.164	-1.099	-1.159	-1.344	-1.605	-1.862	-2.036
5591	55.90	-2.079	-1.990	-1.818	-1.636	-1.518	-1.511	-1.622	-1.822	-2.061	-2.289
5601	56.00	-2.470	-2.584	-2.629	-2.611	-2.535	-2.408	-2.238	-2.044	-1.850	-1.680
5611	56.10	-1.554	-1.476	-1.426	-1.382	-1.315	-1.211	-1.073	-0.923	-0.788	-0.686
5621	56.20	-0.618	-0.567	-0.505	-0.408	-0.274	-0.116	0.032	0.139	0.187	0.179
5631	56.30	0.139	0.097	0.076	0.084	0.109	0.134	0.144	0.138	0.130	0.138
5641	56.40	0.170	0.220	0.264	0.274	0.240	0.183	0.150	0.202	0.381	0.687
5651	56.50	1.066	1.423	1.660	1.710	1.571	1.308	1.026	0.823	0.750	0.787
5661	56.60	0.855	0.857	0.729	0.673	0.167	-0.068	-0.120	0.067	0.459	0.947
5671	56.70	1.390	1.667	1.728	1.606	1.398	1.222	1.168	1.262	1.471	1.721
5681	56.80	1.934	2.065	2.114	2.118	2.127	2.182	2.294	2.443	2.597	2.722
5691	56.90	2.806	2.859	2.908	2.985	3.111	3.284	3.486	3.682	3.835	3.918
5701	57.00	3.919	3.847	3.727	3.589	3.463	3.364	3.288	3.212	3.103	2.933
5711	57.10	2.687	2.374	2.025	1.679	1.375	1.150	0.937	0.767	0.584	0.363
5721	57.20	0.097	-0.195	-0.481	-0.728	-0.916	-1.050	-1.156	-1.270	-1.423	-1.629
5731	57.30	-1.877	-2.139	-2.372	-2.537	-2.605	-2.567	-2.433	-2.230	-1.995	-1.769
5741	57.40	-1.587	-1.474	-1.440	-1.478	-1.568	-1.685	-1.805	-1.912	-2.001	-2.078
5751	57.50	-2.152	-2.230	-2.312	-2.387	-2.439	-2.453	-2.419	-2.339	-2.226	-2.100
5761	57.60	-1.982	-1.887	-1.821	-1.781	-1.753	-1.724	-1.681	-1.619	-1.540	-1.455
5771	57.70	-1.377	-1.315	-1.273	-1.244	-1.213	-1.163	-1.083	-0.970	-0.834	-0.692
5781	57.80	-0.561	-0.452	-0.364	-0.284	-0.196	-0.089	0.040	0.178	0.306	0.401
5791	57.90	0.454	0.466	0.449	0.424	0.405	0.399	0.402	0.406	0.404	0.399
5801	58.00	0.401	0.431	0.505	0.635	0.821	1.049	1.301	1.556	1.795	2.003
5811	58.10	2.172	2.293	2.362	2.379	2.347	2.279	2.193	2.110	2.046	2.013
5821	58.20	2.012	2.035	2.070	2.104	2.123	2.117	2.073	1.983	1.837	1.631
5831	58.30	1.369	1.069	0.757	0.467	0.230	0.064	-0.026	-0.053	-0.042	-0.020
5841	58.40	-0.009	-0.020	-0.054	-0.102	-0.156	-0.210	-0.261	-0.312	-0.362	-0.413
5851	58.50	-0.463	-0.508	-0.548	-0.586	-0.626	-0.674	-0.732	-0.794	-0.854	-0.902
5861	58.60	-0.937	-0.963	-0.992	-1.037	-1.105	-1.189	-1.272	-1.327	-1.330	-1.271
5871	58.70	-1.158	-1.016	-0.874	-0.759	-0.679	-0.628	-0.586	-0.535	-0.464	-0.380
5881	58.80	-0.294	-0.220	-0.164	-0.117	-0.062	0.015	0.116	0.223	0.307	0.334
5891	58.90	0.288	0.174	0.019	-0.139	-0.268	-0.351	-0.397	-0.426	-0.464	-0.525
5901	59.00	-0.607	-0.699	-0.782	-0.848	-0.901	-0.950	-1.010	-1.084	-1.169	-1.251
5911	59.10	-1.321	-1.376	-1.425	-1.480	-1.551	-1.638	-1.730	-1.810	-1.868	-1.907
5921	59.20	-1.944	-1.999	-2.088	-2.204	-2.323	-2.406	-2.422	-2.357	-2.225	-2.060
5931	59.30	-1.904	-1.788	-1.720	-1.684	-1.651	-1.591	-1.488	-1.343	-1.169	-0.984
5941	59.40	-0.801	-0.625	-0.450	-0.275	-0.103	0.056	0.180	0.248	0.246	0.169
5951	59.50	0.027	-0.158	-0.355	-0.526	-0.639	-0.668	-0.604	-0.458	-0.255	-0.034
5961	59.60	0.174	0.346	0.481	0.593	0.702	0.824	0.962	1.105	1.237	1.350
5971	59.70	1.446	1.546	1.570	1.829	2.014	2.193	2.325	2.377	2.340	2.233
5981	59.80	2.093	1.964	1.872	1.820	1.794	1.769	1.731	1.681	1.632	1.598
5991	59.90	1.581	1.566	1.532	1.462	1.364	1.271	1.230	1.279	1.424	1.626

Table 7-35-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	1.812	1.901	1.843	1.636	1.339	1.043	0.839	0.782	0.869	1.046
6011	60.10	1.232	1.357	1.388	1.337	1.251	1.182	1.163	1.192	1.241	1.266
6021	60.20	1.238	1.155	1.040	0.933	0.866	0.852	0.876	0.907	0.913	0.875
6031	60.30	0.797	0.691	0.570	0.430	0.253	0.012	-0.301	-0.668	-1.031	-1.316
6041	60.40	-1.460	-1.443	-1.305	-1.136	-1.043	-1.098	-1.309	-1.603	-1.857	-1.947
6051	60.50	-1.805	-1.446	-0.970	-0.516	-0.203	-0.084	-0.128	-0.239	-0.311	-0.276
6061	60.60	-0.136	0.048	0.192	0.237	0.181	0.085	0.032	0.091	0.273	0.525
6071	60.70	0.762	0.899	0.902	0.799	0.661	0.569	0.570	0.656	0.771	0.845
6081	60.80	0.826	0.710	0.541	0.390	0.320	0.363	0.508	0.709	0.910	1.063
6091	60.90	1.139	1.130	1.040	0.881	0.673	0.445	0.235	0.085	0.028	0.075
6101	61.00	0.206	0.375	0.528	0.621	0.643	0.608	0.549	0.492	0.446	0.395
6111	61.10	0.316	0.192	0.035	-0.116	-0.210	-0.207	-0.101	0.068	0.229	0.302
6121	61.20	0.231	0.002	-0.348	-0.750	-1.125	-1.412	-1.581	-1.660	-1.626	-1.590
6131	61.30	-1.579	-1.620	-1.714	-1.835	-1.939	-1.976	-1.912	-1.741	-1.492	-1.223
6141	61.40	-1.003	-0.885	-0.888	-0.989	-1.131	-1.247	-1.288	-1.237	-1.116	-0.969
6151	61.50	-0.842	-0.766	-0.748	-0.777	-0.834	-0.906	-0.992	-1.094	-1.211	-1.333
6161	61.60	-1.443	-1.526	-1.579	-1.609	-1.636	-1.670	-1.711	-1.740	-1.732	-1.677
6171	61.70	-1.587	-1.498	-1.453	-1.475	-1.549	-1.620	-1.615	-1.481	-1.216	-0.883
6181	61.80	-0.590	-0.444	-0.506	-0.757	-1.106	-1.426	-1.607	-1.602	-1.440	-1.207
6191	61.90	-1.000	-0.881	-0.855	-0.875	-0.876	-0.812	-0.683	-0.533	-0.420	-0.384
6201	62.00	-0.425	-0.493	-0.521	-0.451	-0.262	0.022	0.348	0.659	0.922	1.136
6211	62.10	1.321	1.497	1.667	1.807	1.879	1.852	1.726	1.535	1.341	1.209
6221	62.20	1.180	1.258	1.403	1.555	1.656	1.673	1.606	1.486	1.354	1.246
6231	62.30	1.179	1.147	1.127	1.097	1.043	0.966	0.881	0.804	0.747	0.708
6241	62.40	0.679	0.644	0.593	0.529	0.466	0.426	0.426	0.473	0.557	0.657
6251	62.50	0.750	0.825	0.886	0.958	1.066	1.228	1.436	1.654	1.830	1.913
6261	62.60	1.876	1.726	1.506	1.277	1.095	0.993	0.971	1.005	1.057	1.096
6271	62.70	1.109	1.095	1.061	1.012	0.945	0.856	0.748	0.644	0.581	0.591
6281	62.80	0.729	0.954	1.226	1.470	1.612	1.610	1.467	1.237	0.997	0.815
6291	62.90	0.728	0.726	0.764	0.788	0.760	0.673	0.554	0.443	0.370	0.339
6301	63.00	0.326	0.292	0.201	0.042	-0.170	-0.399	-0.604	-0.761	-0.869	-0.948
6311	63.10	-1.030	-1.141	-1.292	-1.474	-1.666	-1.842	-1.984	-2.082	-2.134	-2.145
6321	63.20	-2.120	-2.067	-1.994	-1.914	-1.842	-1.795	-1.784	-1.809	-1.863	-1.928
6331	63.30	-1.989	-2.036	-2.068	-2.096	-2.134	-2.192	-2.272	-2.360	-2.432	-2.460
6341	63.40	-2.422	-2.306	-2.118	-1.880	-1.626	-1.386	-1.187	-1.035	-0.923	-0.828
6351	63.50	-0.725	-0.593	-0.429	-0.242	-0.054	0.115	0.251	0.360	0.461	0.580
6361	63.60	0.734	0.926	1.136	1.332	1.475	1.542	1.529	1.453	1.348	1.246
6371	63.70	1.172	1.132	1.119	1.117	1.115	1.107	1.097	1.095	1.105	1.127
6381	63.80	1.153	1.177	1.191	1.197	1.199	1.206	1.219	1.237	1.251	1.255
6391	63.90	1.249	1.241	1.245	1.275	1.336	1.422	1.517	1.605	1.675	1.730
6401	64.00	1.782	1.847	1.929	2.018	2.090	2.111	2.057	1.923	1.731	1.520
6411	64.10	1.335	1.205	1.133	1.097	1.061	0.992	0.875	0.724	0.571	0.455
6421	64.20	0.404	0.422	0.488	0.571	0.638	0.673	0.678	0.669	0.666	0.678
6431	64.30	0.698	0.709	0.690	0.629	0.534	0.425	0.331	0.273	0.254	0.260
6441	64.40	0.258	0.218	0.116	-0.051	-0.268	-0.509	-0.748	-0.966	-1.156	-1.323
6451	64.50	-1.477	-1.629	-1.787	-1.951	-2.123	-2.301	-2.484	-2.673	-2.861	-3.042
6461	64.60	-3.202	-3.330	-3.415	-3.458	-3.467	-3.459	-3.453	-3.468	-3.514	-3.590
6471	64.70	-3.686	-3.785	-3.870	-3.929	-3.958	-3.961	-3.948	-3.929	-3.910	-3.892
6481	64.80	-3.871	-3.843	-3.808	-3.774	-3.752	-3.756	-3.786	-3.832	-3.866	-3.853
6491	64.90	-3.758	-3.565	-3.280	-2.936	-2.577	-2.248	-1.975	-1.761	-1.584	-1.413

Table 7-35-14 TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-1.218	-0.987	-0.728	-0.462	-0.212	0.011	0.209	0.402	0.610	0.847
6511	65.10	1.107	1.372	1.616	1.817	1.970	2.084	2.183	2.289	2.419	2.573
6521	65.20	2.743	2.915	3.078	3.229	3.372	3.514	3.659	3.806	3.949	4.083
6531	65.30	4.206	4.322	4.439	4.563	4.698	4.843	4.996	5.151	5.302	5.442
6541	65.40	5.560	5.634	5.645	5.577	5.429	5.225	5.011	4.840	4.754	4.762
6551	65.50	4.836	4.910	4.911	4.786	4.521	4.157	3.768	3.436	3.217	3.117
6561	65.60	3.093	3.070	2.977	2.774	2.466	2.100	1.740	1.439	1.218	1.063
6571	65.70	0.932	0.783	0.587	0.343	0.074	-0.188	-0.416	-0.603	-0.759	-0.907
6581	65.80	-1.071	-1.263	-1.482	-1.717	-1.948	-2.162	-2.353	-2.524	-2.687	-2.859
6591	65.90	-3.052	-3.273	-3.518	-3.770	-4.003	-4.187	-4.294	-4.315	-4.258	-4.148
6601	66.00	-4.023	-3.920	-3.860	-3.849	-3.872	-3.906	-3.931	-3.937	-3.923	-3.897
6611	66.10	-3.864	-3.822	-3.761	-3.669	-3.545	-3.395	-3.241	-3.105	-3.002	-2.931
6621	66.20	-2.877	-2.815	-2.730	-2.616	-2.486	-2.361	-2.256	-2.179	-2.118	-2.056
6631	66.30	-1.974	-1.865	-1.733	-1.589	-1.438	-1.276	-1.091	-0.869	-0.611	-0.338
6641	66.40	-0.091	0.088	0.170	0.158	0.083	-0.003	-0.058	-0.064	-0.040	-0.032
6651	66.50	-0.085	-0.223	-0.428	-0.645	-0.803	-0.842	-0.737	-0.509	-0.212	0.088
6661	66.60	0.337	0.512	0.624	0.702	0.781	0.886	1.027	1.196	1.379	1.558
6671	66.70	1.717	1.842	1.922	1.949	1.926	1.866	1.795	1.760	1.724	1.751
6681	66.80	1.805	1.855	1.874	1.850	1.801	1.769	1.803	1.938	2.176	2.480
6691	66.90	2.789	3.033	3.166	3.178	3.098	2.979	2.877	2.827	2.834	2.880
6701	67.00	2.934	2.969	2.978	2.967	2.953	2.953	2.968	2.991	3.010	3.016
6711	67.10	3.012	3.011	3.027	3.066	3.112	3.132	3.086	2.942	2.693	2.365
6721	67.20	2.006	1.674	1.410	1.224	1.094	0.975	0.822	0.613	0.354	0.079
6731	67.30	-0.171	-0.371	-0.522	-0.656	-0.815	-1.028	-1.294	-1.574	-1.811	-1.956
6741	67.40	-1.993	-1.953	-1.905	-1.923	-2.054	-2.286	-2.555	-2.764	-2.825	-2.703
6751	67.50	-2.429	-2.094	-1.813	-1.680	-1.732	-1.940	-2.226	-2.498	-2.690	-2.782
6761	67.60	-2.801	-2.798	-2.822	-2.894	-3.008	-3.135	-3.251	-3.343	-3.420	-3.498
6771	67.70	-3.584	-3.668	-3.719	-3.704	-3.603	-3.429	-3.223	-3.040	-2.918	-2.867
6781	67.80	-2.853	-2.819	-2.712	-2.509	-2.227	-1.920	-1.650	-1.456	-1.336	-1.248
6791	67.90	-1.133	-0.951	-0.704	-0.443	-0.242	-0.167	-0.238	-0.414	-0.609	-0.724
6801	68.00	-0.696	-0.517	-0.244	0.037	0.249	0.361	0.398	0.425	0.505	0.670
6811	68.10	0.898	1.125	1.286	1.348	1.337	1.325	1.399	1.608	1.937	2.301
6821	68.20	2.584	2.685	2.572	2.298	1.977	1.741	1.682	1.813	2.072	2.356
6831	68.30	2.568	2.665	2.667	2.638	2.648	2.733	2.877	3.020	3.097	3.065
6841	68.40	2.930	2.738	2.552	2.422	2.359	2.340	2.326	2.282	2.202	2.104
6851	68.50	2.016	1.956	1.919	1.881	1.816	1.716	1.600	1.508	1.473	1.501
6861	68.60	1.561	1.588	1.515	1.309	0.983	0.601	0.243	-0.025	-0.185	-0.269
6871	68.70	-0.341	-0.481	-0.652	-0.886	-1.102	-1.236	-1.256	-1.177	-1.058	-0.973
6881	68.80	-0.972	-1.062	-1.203	-1.335	-1.408	-1.407	-1.359	-1.316	-1.329	-1.416
6891	68.90	-1.555	-1.692	-1.764	-1.731	-1.588	-1.368	-1.127	-0.921	-0.787	-0.737
6901	69.00	-0.765	-0.851	-0.971	-1.105	-1.234	-1.339	-1.406	-1.430	-1.420	-1.400
6911	69.10	-1.403	-1.454	-1.556	-1.686	-1.800	-1.851	-1.816	-1.702	-1.552	-1.421
6921	69.20	-1.347	-1.331	-1.331	-1.277	-1.107	-0.795	-0.374	0.075	0.453	0.681
6931	69.30	0.734	0.650	0.509	0.400	0.385	0.477	0.640	0.816	0.953	1.027
6941	69.40	1.048	1.049	1.059	1.091	1.133	1.162	1.159	1.123	1.075	1.043
6951	69.50	1.048	1.092	1.154	1.201	1.212	1.186	1.144	1.118	1.130	1.180
6961	69.60	1.243	1.285	1.283	1.240	1.188	1.165	1.198	1.279	1.369	1.411
6971	69.70	1.364	1.227	1.042	0.873	0.774	0.752	0.762	0.722	0.558	0.244
6981	69.80	-0.174	-0.592	-0.889	-0.988	-0.890	-0.684	-0.502	-0.470	-0.641	-0.981
6991	69.90	-1.376	-1.694	-1.840	-1.799	-1.635	-1.464	-1.389	-1.461	-1.656	-1.892

Table 7-35-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-2.074	-2.139	-2.081	-1.945	-1.804	-1.717	-1.705	-1.749	-1.805	-1.834
7011	70.10	-1.818	-1.772	-1.726	-1.705	-1.714	-1.736	-1.736	-1.687	-1.582	-1.437
7021	70.20	-1.285	-1.156	-1.066	-1.009	-0.966	-0.914	-0.840	-0.765	-0.639	-0.535
7031	70.30	-0.437	-0.341	-0.238	-0.122	0.007	0.138	0.257	0.357	0.441	0.524
7041	70.40	0.621	0.742	0.881	1.021	1.136	1.205	1.221	1.194	1.144	1.097
7051	70.50	1.069	1.066	1.081	1.105	1.127	1.143	1.154	1.161	1.167	1.170
7061	70.60	1.171	1.172	1.175	1.187	1.208	1.235	1.255	1.257	1.240	1.216
7071	70.70	1.211	1.257	1.375	1.561	1.779	1.969	2.066	2.030	1.859	1.597
7081	70.80	1.316	1.089	0.959	0.923	0.934	0.923	0.835	0.651	0.398	0.139
7091	70.90	-0.061	-0.158	-0.157	-0.103	-0.057	-0.073	-0.167	-0.313	-0.456	-0.540
7101	71.00	-0.533	-0.439	-0.296	-0.153	-0.048	0.010	0.040	0.075	0.143	0.246
7111	71.10	0.359	0.440	0.448	0.363	0.197	-0.014	-0.220	-0.376	-0.455	-0.456
7121	71.20	-0.398	-0.312	-0.227	-0.166	-0.139	-0.144	-0.169	-0.197	-0.213	-0.207
7131	71.30	-0.180	-0.141	-0.106	-0.089	-0.097	-0.121	-0.146	-0.153	-0.133	-0.090
7141	71.40	-0.043	-0.014	-0.018	-0.051	-0.091	-0.112	-0.093	-0.038	0.028	0.073
7151	71.50	0.071	0.022	-0.046	-0.090	-0.074	0.006	0.118	0.205	0.211	0.109
7161	71.60	-0.084	-0.314	-0.513	-0.636	-0.677	-0.671	-0.669	-0.709	-0.791	-0.877
7171	71.70	-0.907	-0.840	-0.671	-0.445	-0.236	-0.112	-0.100	-0.180	-0.289	-0.358
7181	71.80	-0.347	-0.263	-0.159	-0.104	-0.149	-0.300	-0.515	-0.722	-0.853	-0.868
7191	71.90	-0.767	-0.588	-0.380	-0.186	-0.023	0.108	0.220	0.318	0.399	0.449
7201	72.00	0.454	0.409	0.324	0.223	0.130	0.064	0.035	0.037	0.058	0.082
7211	72.10	0.095	0.083	0.038	-0.042	-0.151	-0.272	-0.381	-0.453	-0.468	-0.419
7221	72.20	-0.316	-0.178	-0.030	0.107	0.220	0.299	0.337	0.328	0.268	0.161
7231	72.30	0.027	-0.099	-0.180	-0.190	-0.128	-0.028	0.054	0.065	-0.025	-0.203
7241	72.40	-0.416	-0.595	-0.684	-0.665	-0.565	-0.441	-0.353	-0.330	-0.365	-0.420
7251	72.50	-0.453	-0.445	-0.414	-0.409	-0.477	-0.640	-0.877	-1.125	-1.309	-1.377
7261	72.60	-1.322	-1.184	-1.030	-0.924	-0.893	-0.920	-0.959	-0.959	-0.893	-0.768
7271	72.70	-0.621	-0.493	-0.410	-0.369	-0.341	-0.295	-0.212	-0.101	0.010	0.090
7281	72.80	0.122	0.115	0.100	0.108	0.161	0.250	0.349	0.423	0.453	0.442
7291	72.90	0.418	0.413	0.449	0.524	0.611	0.678	0.703	0.687	0.658	0.654
7301	73.00	0.703	0.809	0.942	1.053	1.096	1.047	0.913	0.734	0.562	0.442
7311	73.10	0.398	0.423	0.494	0.579	0.656	0.715	0.757	0.783	0.790	0.767
7321	73.20	0.699	0.575	0.403	0.204	0.015	-0.125	-0.193	-0.188	-0.130	-0.059
7331	73.30	-0.013	-0.020	-0.082	-0.180	-0.281	-0.351	-0.374	-0.353	-0.318	-0.303
7341	73.40	-0.338	-0.427	-0.545	-0.642	-0.659	-0.559	-0.339	-0.042	0.251	0.452
7351	73.50	0.495	0.361	0.090	-0.229	-0.492	-0.614	-0.556	-0.338	-0.028	0.285
7361	73.60	0.529	0.665	0.702	0.679	0.649	0.655	0.711	0.808	0.921	1.023
7371	73.70	1.100	1.152	1.187	1.215	1.242	1.264	1.275	1.272	1.257	1.242
7381	73.80	1.238	1.253	1.287	1.330	1.368	1.391	1.390	1.364	1.316	1.246
7391	73.90	1.155	1.068	0.931	0.820	0.736	0.700	0.721	0.792	0.887	0.972
7401	74.00	1.011	0.981	0.880	0.724	0.542	0.359	0.195	0.055	-0.064	-0.166
7411	74.10	-0.251	-0.317	-0.356	-0.363	-0.345	-0.314	-0.285	-0.274	-0.287	-0.319
7421	74.20	-0.360	-0.397	-0.423	-0.436	-0.442	-0.448	-0.460	-0.477	-0.499	-0.522
7431	74.30	-0.546	-0.574	-0.610	-0.659	-0.721	-0.790	-0.859	-0.922	-0.975	-1.019
7441	74.40	-1.058	-1.099	-1.143	-1.193	-1.246	-1.302	-1.358	-1.415	-1.471	-1.522
7451	74.50	-1.563	-1.590	-1.597	-1.584	-1.555	-1.514	-1.465	-1.408	-1.341	-1.258
7461	74.60	-1.155	-1.037	-0.911	-0.790	-0.688	-0.610	-0.550	-0.495	-0.431	-0.345
7471	74.70	-0.235	-0.113	0.003	0.091	0.137	0.138	0.106	0.058	0.014	-0.012
7481	74.80	-0.017	-0.007	0.008	0.020	0.023	0.019	0.013	0.011	0.014	0.020
7491	74.90	0.025	0.026	0.022	0.016	0.014	0.018	0.028	0.036	0.038	0.031

Table 7-35-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	0.017	0.007	0.010	0.030	0.059	0.076	0.054	-0.031	-0.190	-0.407
7511	75.10	-0.648	-0.866	-1.017	-1.074	-1.040	-0.938	-0.809	-0.692	-0.614	-0.579
7521	75.20	-0.576	-0.582	-0.578	-0.555	-0.516	-0.470	-0.431	-0.404	-0.388	-0.375
7531	75.30	-0.357	-0.328	-0.289	-0.245	-0.202	-0.166	-0.135	-0.108	-0.079	-0.047
7541	75.40	-0.011	0.027	0.063	0.096	0.126	0.155	0.185	0.218	0.254	0.290
7551	75.50	0.324	0.357	0.388	0.418	0.449	0.482	0.515	0.549	0.584	0.618
7561	75.60	0.652	0.683	0.713	0.741	0.769	0.802	0.841	0.887	0.934	0.969
7571	75.70	0.978	0.945	0.868	0.757	0.630	0.516	0.432	0.386	0.366	0.348
7581	75.80	0.309	0.236	0.138	0.042	-0.021	-0.026	0.026	0.112	0.193	0.236
7591	75.90	0.226	0.180	0.133	0.125	0.171	0.255	0.328	0.325	0.203	-0.045
7601	76.00	-0.371	-0.691	-0.916	-0.981	-0.873	-0.633	-0.336	-0.061	0.142	0.263
7611	76.10	0.332	0.395	0.487	0.614	0.751	0.858	0.900	0.866	0.774	0.666
7621	76.20	0.578	0.542	0.555	0.596	0.635	0.647	0.626	0.585	0.544	0.523
7631	76.30	0.526	0.545	0.565	0.568	0.547	0.506	0.455	0.407	0.369	0.343
7641	76.40	0.321	0.300	0.275	0.246	0.215	0.185	0.154	0.120	0.083	0.046
7651	76.50	0.021	0.019	0.055	0.131	0.241	0.369	0.492	0.592	0.659	0.697
7661	76.60	0.721	0.750	0.801	0.881	0.984	1.093	1.184	1.239	1.247	1.209
7671	76.70	1.139	1.056	0.975	0.909	0.859	0.821	0.789	0.759	0.732	0.709
7681	76.80	0.687	0.656	0.602	0.507	0.363	0.174	-0.036	-0.233	-0.382	-0.462
7691	76.90	-0.475	-0.443	-0.398	-0.371	-0.378	-0.414	-0.465	-0.509	-0.535	-0.548
7701	77.00	-0.558	-0.581	-0.619	-0.668	-0.713	-0.741	-0.750	-0.750	-0.759	-0.790
7711	77.10	-0.843	-0.905	-0.954	-0.976	-0.970	-0.954	-0.954	-0.989	-1.060	-1.145
7721	77.20	-1.213	-1.237	-1.210	-1.146	-1.074	-1.017	-0.975	-0.928	-0.845	-0.707
7731	77.30	-0.529	-0.359	-0.264	-0.299	-0.476	-0.750	-1.035	-1.235	-1.286	-1.180
7741	77.40	-0.971	-0.741	-0.568	-0.489	-0.491	-0.525	-0.534	-0.488	-0.396	-0.294
7751	77.50	-0.222	-0.198	-0.202	-0.194	-0.135	-0.017	0.127	0.232	0.231	0.091
7761	77.60	-0.164	-0.465	-0.720	-0.852	-0.833	-0.694	-0.504	-0.343	-0.264	-0.278
7771	77.70	-0.355	-0.443	-0.493	-0.484	-0.424	-0.346	-0.284	-0.262	-0.283	-0.328
7781	77.80	-0.372	-0.390	-0.368	-0.310	-0.235	-0.171	-0.154	-0.211	-0.356	-0.581
7791	77.90	-0.853	-1.120	-1.324	-1.418	-1.381	-1.228	-1.004	-0.769	-0.577	-0.455
7801	78.00	-0.403	-0.390	-0.377	-0.334	-0.250	-0.135	-0.014	0.090	0.165	0.216
7811	78.10	0.259	0.314	0.390	0.487	0.592	0.689	0.769	0.829	0.881	0.938
7821	78.20	1.011	1.104	1.209	1.312	1.395	1.445	1.458	1.439	1.403	1.367
7831	78.30	1.346	1.348	1.368	1.398	1.424	1.438	1.437	1.428	1.422	1.427
7841	78.40	1.444	1.469	1.490	1.502	1.505	1.505	1.510	1.516	1.506	1.449
7851	78.50	1.312	1.083	0.780	0.457	0.187	0.037	0.036	0.157	0.324	0.433
7861	78.60	0.398	0.188	-0.165	-0.569	-0.915	-1.118	-1.148	-1.043	-0.883	-0.757
7871	78.70	-0.723	-0.791	-0.923	-1.061	-1.152	-1.179	-1.161	-1.136	-1.144	-1.201
7881	78.80	-1.292	-1.382	-1.431	-1.419	-1.350	-1.250	-1.156	-1.095	-1.077	-1.087
7891	78.90	-1.103	-1.101	-1.071	-1.018	-0.959	-0.913	-0.891	-0.892	-0.903	-0.904
7901	79.00	-0.879	-0.819	-0.726	-0.612	-0.492	-0.379	-0.281	-0.197	-0.121	-0.045
7911	79.10	0.038	0.128	0.222	0.312	0.396	0.472	0.545	0.623	0.711	0.808
7921	79.20	0.908	1.002	1.083	1.151	1.216	1.289	1.379	1.486	1.598	1.698
7931	79.30	1.774	1.828	1.874	1.939	2.041	2.178	2.326	2.438	2.471	2.399
7941	79.40	2.232	2.012	1.797	1.634	1.543	1.506	1.480	1.422	1.313	1.184
7951	79.50	1.015	0.908	0.860	0.855	0.843	0.768	0.596	0.335	0.039	-0.216
7961	79.60	-0.364	-0.376	-0.272	-0.111	0.039	0.130	0.150	0.122	0.084	0.063
7971	79.70	0.063	0.060	0.019	-0.085	-0.250	-0.448	-0.639	-0.787	-0.882	-0.940
7981	79.80	-0.994	-1.072	-1.187	-1.329	-1.470	-1.588	-1.676	-1.746	-1.823	-1.930
7991	79.90	-2.070	-2.224	-2.353	-2.421	-2.409	-2.322	-2.192	-2.061	-1.963	-1.913

Table 7–35–17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-1.903	-1.909	-1.906	-1.860	-1.833	-1.776	-1.725	-1.688	-1.664	-1.644
8011	80.10	-1.618	-1.583	-1.541	-1.503	-1.472	-1.449	-1.421	-1.374	-1.294	-1.178
8021	80.20	-1.034	-0.879	-0.734	-0.612	-0.516	-0.438	-0.362	-0.275	-0.172	-0.054
8031	80.30	0.068	0.184	0.288	0.379	0.463	0.552	0.651	0.761	0.880	0.997
8041	80.40	1.105	1.201	1.286	1.369	1.460	1.567	1.690	1.821	1.945	2.045
8051	80.50	2.107	2.125	2.105	2.061	2.014	1.981	1.972	1.986	2.013	2.039
8061	80.60	2.055	2.059	2.055	2.053	2.061	2.078	2.096	2.097	2.069	2.005
8071	80.70	1.914	1.812	1.720	1.654	1.616	1.595	1.573	1.535	1.474	1.397
8081	80.80	1.320	1.258	1.218	1.194	1.170	1.130	1.067	0.986	0.904	0.841
8091	80.90	0.307	0.795	0.786	0.750	0.667	0.532	0.357	0.169	-0.005	-0.149
8101	81.00	-0.262	-0.352	-0.433	-0.511	-0.584	-0.644	-0.687	-0.721	-0.761	-0.828
8111	81.10	-0.932	-1.063	-1.195	-1.294	-1.337	-1.330	-1.312	-1.336	-1.453	-1.677
8121	81.20	-1.979	-2.288	-2.522	-2.619	-2.568	-2.415	-2.245	-2.147	-2.180	-2.344
8131	81.30	-2.585	-2.821	-2.976	-3.010	-2.934	-2.795	-2.656	-2.564	-2.534	-2.546
8141	81.40	-2.566	-2.562	-2.522	-2.460	-2.400	-2.366	-2.364	-2.376	-2.377	-2.337
8151	81.50	-2.244	-2.106	-1.946	-1.792	-1.664	-1.566	-1.490	-1.417	-1.333	-1.231
8161	81.60	-1.117	-1.001	-0.891	-0.794	-0.707	-0.623	-0.533	-0.435	-0.326	-0.213
8171	81.70	-0.101	0.005	0.098	0.176	0.237	0.284	0.320	0.352	0.388	0.433
8181	81.80	0.489	0.554	0.622	0.686	0.741	0.790	0.838	0.889	0.948	1.012
8191	81.90	1.077	1.136	1.186	1.232	1.280	1.337	1.406	1.481	1.547	1.592
8201	82.00	1.608	1.595	1.566	1.539	1.528	1.537	1.562	1.590	1.609	1.613
8211	82.10	1.605	1.598	1.601	1.621	1.652	1.684	1.701	1.697	1.668	1.620
8221	82.20	1.561	1.497	1.427	1.350	1.266	1.180	1.107	1.064	1.067	1.118
8231	82.30	1.209	1.321	1.431	1.524	1.593	1.647	1.694	1.745	1.801	1.858
8241	82.40	1.910	1.955	2.001	2.057	2.136	2.227	2.320	2.382	2.381	2.299
8251	82.50	2.138	1.925	1.699	1.500	1.352	1.256	1.189	1.124	1.032	0.906
8261	82.60	0.754	0.601	0.472	0.385	0.342	0.333	0.336	0.335	0.316	0.278
8271	82.70	0.225	0.165	0.108	0.057	0.014	-0.022	-0.054	-0.085	-0.122	-0.170
8281	82.80	-0.233	-0.314	-0.408	-0.509	-0.609	-0.704	-0.790	-0.870	-0.950	-1.032
8291	82.90	-1.116	-1.199	-1.278	-1.353	-1.426	-1.507	-1.598	-1.700	-1.802	-1.889
8301	83.00	-1.944	-1.957	-1.933	-1.885	-1.835	-1.802	-1.794	-1.808	-1.831	-1.849
8311	83.10	-1.854	-1.846	-1.835	-1.830	-1.835	-1.848	-1.860	-1.864	-1.858	-1.847
8321	83.20	-1.841	-1.867	-1.864	-1.880	-1.883	-1.863	-1.823	-1.778	-1.749	-1.751
8331	83.30	-1.781	-1.817	-1.826	-1.775	-1.651	-1.463	-1.244	-1.034	-0.863	-0.736
8341	83.40	-0.638	-0.538	-0.410	-0.249	-0.075	0.076	0.169	0.189	0.147	0.079
8351	83.50	0.031	0.036	0.106	0.227	0.369	0.501	0.604	0.678	0.730	0.771
8361	83.60	0.801	0.810	0.787	0.724	0.630	0.528	0.447	0.408	0.412	0.440
8371	83.70	0.459	0.442	0.378	0.286	0.199	0.158	0.189	0.291	0.441	0.603
8381	83.80	0.744	0.850	0.929	1.002	1.091	1.202	1.321	1.417	1.459	1.427
8391	83.90	1.323	1.173	1.012	0.875	0.782	0.750	0.704	0.681	0.640	0.576
8401	84.00	0.493	0.405	0.323	0.257	0.205	0.161	0.115	0.060	-0.008	-0.087
8411	84.10	-0.170	-0.251	-0.321	-0.373	-0.402	-0.405	-0.385	-0.347	-0.301	-0.260
8421	84.20	-0.231	-0.218	-0.219	-0.228	-0.236	-0.236	-0.225	-0.207	-0.187	-0.171
8431	84.30	-0.164	-0.163	-0.165	-0.166	-0.158	-0.146	-0.130	-0.115	-0.106	-0.101
8441	84.40	-0.100	-0.100	-0.095	-0.086	-0.073	-0.059	-0.048	-0.041	-0.039	-0.038
8451	84.50	-0.035	-0.028	-0.017	-0.004	0.009	0.018	0.022	0.023	0.023	0.027
8461	84.60	0.037	0.051	0.066	0.077	0.083	0.082	0.079	0.079	0.087	0.103
8471	84.70	0.125	0.143	0.151	0.141	0.114	0.075	0.033	-0.005	-0.034	-0.057
8481	84.80	-0.078	-0.101	-0.129	-0.159	-0.186	-0.206	-0.220	-0.232	-0.252	-0.286
8491	84.90	-0.332	-0.380	-0.410	-0.406	-0.355	-0.262	-0.143	-0.019	0.085	0.161

Table 7–35–18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.210	0.248	0.290	0.350	0.427	0.511	0.589	0.651	0.698	0.741
8511	85.10	0.794	0.869	0.961	1.056	1.130	1.162	1.142	1.076	0.985	0.893
8521	85.20	0.823	0.781	0.763	0.755	0.743	0.718	0.680	0.637	0.597	0.565
8531	85.30	0.540	0.518	0.492	0.461	0.426	0.390	0.358	0.330	0.305	0.278
8541	85.40	0.247	0.213	0.178	0.147	0.119	0.095	0.069	0.039	0.005	-0.032
8551	85.50	-0.066	-0.094	-0.118	-0.140	-0.166	-0.198	-0.235	-0.271	-0.297	-0.313
8561	85.60	-0.319	-0.325	-0.340	-0.369	-0.408	-0.449	-0.480	-0.496	-0.498	-0.499
8571	85.70	-0.512	-0.543	-0.590	-0.640	-0.675	-0.687	-0.676	-0.656	-0.646	-0.656
8581	85.80	-0.684	-0.716	-0.733	-0.722	-0.689	-0.653	-0.641	-0.667	-0.728	-0.793
8591	85.90	-0.828	-0.805	-0.727	-0.632	-0.576	-0.615	-0.770	-1.021	-1.300	-1.526
8601	86.00	-1.630	-1.586	-1.420	-1.197	-0.994	-0.865	-0.827	-0.855	-0.902	-0.919
8611	86.10	-0.885	-0.804	-0.705	-0.620	-0.568	-0.549	-0.545	-0.533	-0.498	-0.441
8621	86.20	-0.372	-0.307	-0.256	-0.221	-0.192	-0.162	-0.124	-0.085	-0.054	-0.039
8631	86.30	-0.041	-0.055	-0.068	-0.073	-0.065	-0.049	-0.033	-0.022	-0.009	0.018
8641	86.40	0.073	0.168	0.297	0.446	0.591	0.712	0.798	0.857	0.907	0.968
8651	86.50	1.055	1.170	1.298	1.419	1.511	1.562	1.571	1.550	1.516	1.485
8661	86.60	1.469	1.472	1.489	1.515	1.539	1.557	1.567	1.569	1.569	1.573
8671	86.70	1.585	1.604	1.627	1.647	1.658	1.659	1.655	1.652	1.662	1.687
8681	86.80	1.724	1.759	1.774	1.751	1.685	1.581	1.455	1.329	1.219	1.133
8691	86.90	1.068	1.012	0.953	0.882	0.801	0.715	0.633	0.558	0.490	0.423
8701	87.00	0.351	0.272	0.188	0.107	0.031	-0.036	-0.101	-0.170	-0.248	-0.335
8711	87.10	-0.425	-0.508	-0.577	-0.632	-0.685	-0.749	-0.841	-0.966	-1.115	-1.269
8721	87.20	-1.405	-1.503	-1.554	-1.565	-1.553	-1.536	-1.533	-1.551	-1.588	-1.639
8731	87.30	-1.693	-1.745	-1.791	-1.827	-1.853	-1.863	-1.855	-1.829	-1.787	-1.738
8741	87.40	-1.693	-1.659	-1.640	-1.633	-1.630	-1.622	-1.605	-1.580	-1.552	-1.527
8751	87.50	-1.509	-1.498	-1.488	-1.474	-1.454	-1.430	-1.405	-1.385	-1.372	-1.362
8761	87.60	-1.351	-1.333	-1.308	-1.279	-1.254	-1.242	-1.240	-1.242	-1.233	-1.197
8771	87.70	-1.126	-1.022	-0.898	-0.773	-0.664	-0.577	-0.509	-0.449	-0.383	-0.394
8781	87.80	-0.213	-0.118	-0.029	0.049	0.117	0.184	0.259	0.345	0.440	0.534
8791	87.90	0.618	0.688	0.748	0.811	0.888	0.986	1.097	1.205	1.288	1.328
8801	88.00	1.319	1.269	1.197	1.126	1.071	1.040	1.028	1.027	1.025	1.016
8811	88.10	1.000	0.978	0.954	0.932	0.912	0.894	0.878	0.864	0.850	0.838
8821	88.20	0.823	0.805	0.782	0.756	0.732	0.715	0.705	0.700	0.693	0.677
8831	88.30	0.649	0.614	0.582	0.562	0.559	0.567	0.573	0.560	0.519	0.453
8841	88.40	0.376	0.309	0.266	0.244	0.229	0.195	0.127	0.027	-0.076	-0.140
8851	88.50	-0.121	0.003	0.218	0.479	0.720	0.883	0.935	0.883	0.767	0.642
8861	88.60	0.556	0.531	0.560	0.614	0.661	0.676	0.659	0.622	0.587	0.572
8871	88.70	0.581	0.605	0.628	0.638	0.630	0.608	0.587	0.575	0.577	0.591
8881	88.80	0.607	0.616	0.613	0.600	0.582	0.569	0.566	0.574	0.589	0.605
8891	88.90	0.613	0.606	0.578	0.529	0.462	0.381	0.296	0.217	0.150	0.096
8901	89.00	0.054	0.014	-0.033	-0.090	-0.157	-0.228	-0.289	-0.332	-0.350	-0.347
8911	89.10	-0.331	-0.314	-0.307	-0.314	-0.333	-0.357	-0.379	-0.395	-0.406	-0.409
8921	89.20	-0.415	-0.425	-0.439	-0.455	-0.472	-0.486	-0.497	-0.505	-0.514	-0.525
8931	89.30	-0.537	-0.551	-0.565	-0.578	-0.590	-0.601	-0.611	-0.622	-0.633	-0.645
8941	89.40	-0.657	-0.670	-0.682	-0.695	-0.707	-0.719	-0.728	-0.737	-0.747	-0.758
8951	89.50	-0.773	-0.789	-0.806	-0.819	-0.824	-0.818	-0.801	-0.776	-0.751	-0.733
8961	89.60	-0.728	-0.739	-0.765	-0.801	-0.839	-0.873	-0.897	-0.911	-0.917	-0.922
8971	89.70	-0.931	-0.950	-0.976	-1.005	-1.031	-1.048	-1.055	-1.057	-1.062	-1.078
8981	89.80	-1.109	-1.151	-1.190	-1.210	-1.194	-1.136	-1.040	-0.920	-0.795	-0.685
8991	89.90	-0.600	-0.538	-0.490	-0.442	-0.382	-0.308	-0.224	-0.139	-0.061	0.005

Table 7-35-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.062	0.119	0.183	0.258	0.341	0.424	0.498	0.562	0.617	0.672
9011	90.10	0.738	0.818	0.911	1.002	1.077	1.122	1.130	1.107	1.067	1.027
9021	90.20	1.001	0.994	1.004	1.022	1.037	1.044	1.041	1.033	1.027	1.027
9031	90.30	1.033	1.042	1.049	1.051	1.049	1.045	1.043	1.045	1.051	1.059
9041	90.40	1.063	1.063	1.060	1.056	1.055	1.060	1.068	1.076	1.079	1.076
9051	90.50	1.069	1.063	1.063	1.072	1.088	1.103	1.107	1.089	1.046	0.981
9061	90.60	0.901	0.820	0.747	0.688	0.642	0.604	0.566	0.523	0.472	0.416
9071	90.70	0.358	0.303	0.253	0.208	0.164	0.119	0.070	0.016	-0.040	-0.095
9081	90.80	-0.146	-0.193	-0.237	-0.281	-0.330	-0.383	-0.442	-0.500	-0.553	-0.595
9091	90.90	-0.624	-0.641	-0.651	-0.662	-0.678	-0.704	-0.736	-0.771	-0.803	-0.830
9101	91.00	-0.851	-0.870	-0.893	-0.921	-0.955	-0.991	-1.023	-1.047	-1.064	-1.078
9111	91.10	-1.097	-1.127	-1.171	-1.222	-1.267	-1.290	-1.277	-1.221	-1.124	-0.997
9121	91.20	-0.857	-0.721	-0.605	-0.517	-0.462	-0.435	-0.432	-0.443	-0.462	-0.480
9131	91.30	-0.493	-0.498	-0.494	-0.483	-0.467	-0.451	-0.438	-0.430	-0.425	-0.422
9141	91.40	-0.418	-0.413	-0.404	-0.394	-0.382	-0.371	-0.363	-0.357	-0.352	-0.348
9151	91.50	-0.342	-0.334	-0.323	-0.312	-0.301	-0.293	-0.288	-0.285	-0.281	-0.274
9161	91.60	-0.264	-0.252	-0.239	-0.229	-0.223	-0.222	-0.222	-0.218	-0.207	-0.190
9171	91.70	-0.171	-0.157	-0.156	-0.166	-0.180	-0.183	-0.154	-0.080	0.044	0.205
9181	91.80	0.379	0.537	0.652	0.709	0.710	0.672	0.619	0.574	0.552	0.555
9191	91.90	0.577	0.604	0.625	0.636	0.638	0.635	0.635	0.641	0.653	0.668
9201	92.00	0.682	0.691	0.697	0.699	0.703	0.709	0.719	0.731	0.743	0.753
9211	92.10	0.760	0.765	0.769	0.774	0.782	0.793	0.805	0.816	0.826	0.832
9221	92.20	0.836	0.838	0.843	0.852	0.867	0.885	0.902	0.910	0.903	0.877
9231	92.30	0.835	0.780	0.723	0.672	0.631	0.602	0.580	0.558	0.532	0.499
9241	92.40	0.461	0.421	0.385	0.354	0.327	0.302	0.274	0.240	0.203	0.165
9251	92.50	0.130	0.100	0.074	0.048	0.019	-0.015	-0.054	-0.094	-0.129	-0.157
9261	92.60	-0.179	-0.201	-0.229	-0.267	-0.314	-0.363	-0.401	-0.417	-0.407	-0.374
9271	92.70	-0.330	-0.296	-0.288	-0.318	-0.384	-0.477	-0.577	-0.667	-0.734	-0.775
9281	92.80	-0.800	-0.821	-0.855	-0.909	-0.983	-1.066	-1.140	-1.189	-1.202	-1.176
9291	92.90	-1.121	-1.049	-0.978	-0.920	-0.879	-0.855	-0.839	-0.024	-0.803	-0.774
9301	93.00	-0.739	-0.702	-0.668	-0.640	-0.615	-0.591	-0.566	-0.538	-0.506	-0.473
9311	93.10	-0.442	-0.413	-0.387	-0.361	-0.334	-0.306	-0.275	-0.243	-0.213	-0.184
9321	93.20	-0.158	-0.131	-0.104	-0.074	-0.043	-0.012	0.017	0.044	0.070	0.096
9331	93.30	0.126	0.158	0.192	0.224	0.248	0.261	0.263	0.258	0.251	0.249
9341	93.40	0.254	0.266	0.283	0.299	0.310	0.315	0.317	0.320	0.327	0.339
9351	93.50	0.354	0.368	0.378	0.382	0.383	0.386	0.394	0.410	0.429	0.444
9361	93.60	0.447	0.433	0.402	0.361	0.320	0.288	0.269	0.260	0.255	0.244
9371	93.70	0.224	0.195	0.163	0.137	0.122	0.116	0.114	0.104	0.081	0.042
9381	93.80	-0.003	-0.039	-0.052	-0.030	0.030	0.121	0.230	0.344	0.454	0.555
9391	93.90	0.642	0.715	0.767	0.793	0.786	0.747	0.681	0.603	0.530	0.477
9401	94.00	0.450	0.443	0.445	0.441	0.423	0.387	0.343	0.301	0.270	0.253
9411	94.10	0.244	0.234	0.216	0.184	0.144	0.104	0.073	0.054	0.044	0.034
9421	94.20	0.017	-0.013	-0.054	-0.097	-0.131	-0.152	-0.160	-0.163	-0.171	-0.196
9431	94.30	-0.240	-0.303	-0.380	-0.466	-0.558	-0.660	-0.773	-0.897	-1.022	-1.131
9441	94.40	-1.204	-1.224	-1.185	-1.094	-0.972	-0.843	-0.730	-0.647	-0.594	-0.560
9451	94.50	-0.533	-0.498	-0.450	-0.389	-0.320	-0.253	-0.191	-0.137	-0.089	-0.045
9461	94.60	-0.000	0.049	0.104	0.166	0.233	0.303	0.367	0.416	0.442	0.439
9471	94.70	0.407	0.356	0.297	0.246	0.211	0.196	0.195	0.198	0.194	0.179
9481	94.80	0.154	0.124	0.098	0.081	0.071	0.065	0.056	0.040	0.017	-0.008
9491	94.90	-0.030	-0.046	-0.056	-0.064	-0.076	-0.095	-0.118	-0.142	-0.161	-0.173

Table 7-35-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	-0.182	-0.191	-0.206	-0.229	-0.257	-0.281	-0.293	-0.287	-0.265	-0.236
9511	95.10	-0.208	-0.191	-0.185	-0.187	-0.188	-0.183	-0.170	-0.152	-0.137	-0.128
9521	95.20	-0.127	-0.129	-0.127	-0.117	-0.100	-0.080	-0.066	-0.061	-0.063	-0.067
9531	95.30	-0.065	-0.052	-0.031	-0.008	0.007	0.010	0.002	-0.006	-0.005	0.011
9541	95.40	0.038	0.067	0.084	0.083	0.068	0.052	0.050	0.070	0.108	0.147
9551	95.50	0.169	0.163	0.135	0.103	0.093	0.121	0.180	0.245	0.281	0.264
9561	95.60	0.197	0.112	0.068	0.115	0.227	0.534	0.821	1.055	1.167	1.126
9571	95.70	0.954	0.716	0.490	0.339	0.282	0.299	0.337	0.347	0.299	0.197
9581	95.80	0.075	-0.024	-0.070	-0.057	-0.003	0.059	0.100	0.106	0.085	0.053
9591	95.90	0.031	0.030	0.046	0.067	0.079	0.076	0.061	0.041	0.029	0.030
9601	96.00	0.040	0.054	0.062	0.059	0.048	0.035	0.026	0.025	0.031	0.041
9611	96.10	0.048	0.049	0.043	0.029	0.008	-0.018	-0.049	-0.082	-0.114	-0.143
9621	96.20	-0.166	-0.184	-0.199	-0.217	-0.239	-0.267	-0.296	-0.323	-0.343	-0.358
9631	96.30	-0.373	-0.392	-0.419	-0.452	-0.484	-0.508	-0.522	-0.529	-0.540	-0.564
9641	96.40	-0.604	-0.652	-0.690	-0.696	-0.657	-0.575	-0.466	-0.358	-0.272	-0.221
9651	96.50	-0.195	-0.177	-0.144	-0.087	-0.011	0.068	0.131	0.168	0.188	0.208
9661	96.60	0.250	0.321	0.411	0.498	0.556	0.576	0.573	0.576	0.619	0.718
9671	96.70	0.854	0.983	1.044	0.993	0.822	0.567	0.300	0.094	0.003	0.034
9681	96.80	0.152	0.297	0.409	0.457	0.442	0.397	0.358	0.353	0.382	0.422
9691	96.90	0.442	0.418	0.345	0.239	0.126	0.030	-0.039	-0.084	-0.117	-0.148
9701	97.00	-0.177	-0.196	-0.194	-0.165	-0.116	-0.062	-0.024	-0.012	-0.025	-0.048
9711	97.10	-0.062	-0.052	-0.021	0.019	0.044	0.036	-0.012	-0.090	-0.181	-0.264
9721	97.20	-0.330	-0.377	-0.417	-0.460	-0.510	-0.561	-0.600	-0.614	-0.596	-0.553
9731	97.30	-0.499	-0.453	-0.428	-0.426	-0.439	-0.453	-0.456	-0.444	-0.421	-0.396
9741	97.40	-0.379	-0.373	-0.376	-0.380	-0.378	-0.367	-0.349	-0.330	-0.316	-0.309
9751	97.50	-0.309	-0.309	-0.305	-0.294	-0.278	-0.262	-0.250	-0.244	-0.242	-0.240
9761	97.60	-0.234	-0.223	-0.208	-0.194	-0.184	-0.178	-0.175	-0.171	-0.163	-0.152
9771	97.70	-0.139	-0.127	-0.118	-0.112	-0.107	-0.101	-0.092	-0.081	-0.070	-0.061
9781	97.80	-0.054	-0.046	-0.035	-0.020	-0.009	-0.012	-0.045	-0.119	-0.234	-0.377
9791	97.90	-0.524	-0.642	-0.705	-0.697	-0.621	-0.495	-0.346	-0.200	-0.076	0.020
9801	98.00	0.091	0.149	0.204	0.264	0.331	0.406	0.487	0.572	0.660	0.748
9811	98.10	0.829	0.896	0.940	0.954	0.938	0.901	0.855	0.815	0.790	0.785
9821	98.20	0.796	0.815	0.830	0.835	0.828	0.812	0.796	0.785	0.784	0.792
9831	98.30	0.803	0.811	0.811	0.801	0.786	0.771	0.764	0.767	0.780	0.796
9841	98.40	0.806	0.801	0.774	0.725	0.659	0.584	0.510	0.443	0.386	0.337
9851	98.50	0.292	0.246	0.199	0.149	0.098	0.046	-0.004	-0.055	-0.106	-0.158
9861	98.60	-0.211	-0.263	-0.311	-0.357	-0.403	-0.452	-0.504	-0.561	-0.619	-0.674
9871	98.70	-0.722	-0.762	-0.801	-0.843	-0.897	-0.963	-1.036	-1.105	-1.153	-1.168
9881	98.80	-1.144	-1.085	-1.003	-0.915	-0.838	-0.781	-0.745	-0.723	-0.707	-0.686
9891	98.90	-0.654	-0.611	-0.561	-0.511	-0.465	-0.429	-0.401	-0.378	-0.354	-0.322
9901	99.00	-0.279	-0.222	-0.157	-0.087	-0.019	0.043	0.101	0.158	0.221	0.292
9911	99.10	0.370	0.447	0.506	0.533	0.519	0.463	0.379	0.286	0.204	0.149
9921	99.20	0.122	0.115	0.110	0.093	0.056	0.001	-0.058	-0.104	-0.124	-0.115
9931	99.30	-0.083	-0.041	-0.004	0.019	0.027	0.024	0.020	0.022	0.032	0.048
9941	99.40	0.066	0.078	0.085	0.087	0.088	0.093	0.103	0.118	0.133	0.145
9951	99.50	0.152	0.155	0.157	0.162	0.171	0.185	0.200	0.213	0.221	0.225
9961	99.60	0.226	0.227	0.234	0.247	0.266	0.286	0.303	0.307	0.294	0.258
9971	99.70	0.201	0.128	0.048	-0.030	-0.095	-0.145	-0.180	-0.207	-0.236	-0.275
9981	99.80	-0.329	-0.395	-0.467	-0.530	-0.573	-0.588	-0.573	-0.533	-0.479	-0.423
9991	99.90	-0.375	-0.342	-0.323	-0.313	-0.305	-0.294	-0.276	-0.251	-0.224	-0.197

Table 7-35-21

TABLE OF CORRECTED ACCELERATION RECORD NO.21

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10001	100.00	-0.174	-0.156	-0.141	-0.126	-0.107	-0.085	-0.061	-0.038	-0.018	-0.002
10011	100.10	0.015	0.038	0.074	0.126	0.191	0.262	0.330	0.387	0.430	0.463
10021	100.20	0.494	0.532	0.581	0.641	0.704	0.762	0.808	0.841	0.869	0.902
10031	100.30	0.950	1.015	1.091	1.163	1.211	1.221	1.187	1.116	1.023	0.927
10041	100.40	0.846	0.788	0.752	0.728	0.704	0.672	0.627	0.573	0.518	0.467
10051	100.50	0.426	0.391	0.359	0.322	0.278	0.228	0.175	0.126	0.084	0.049
10061	100.60	0.017	-0.019	-0.063	-0.115	-0.171	-0.222	-0.265	-0.297	-0.324	-0.353
10071	100.70	-0.393	-0.448	-0.521	-0.607	-0.705	-0.813	-0.931	-1.060	-1.192	-1.317
10081	100.80	-1.416	-1.472	-1.474	-1.428	-1.354	-1.277	-1.223	-1.205	-1.218	-1.243
10091	100.90	-1.260	-1.255	-1.227	-1.192	-1.166	-1.162	-1.178	-1.199	-1.208	-1.192
10101	101.00	-1.154	-1.112	-1.087	-1.091	-1.122	-1.160	-1.176	-1.153	-1.086	-0.993
10111	101.10	-0.898	-0.821	-0.764	-0.715	-0.651	-0.560	-0.446	-0.335	-0.257	-0.227
10121	101.20	-0.238	-0.250	-0.215	-0.096	0.112	0.375	0.632	0.822	0.908	0.894
10131	101.30	0.816	0.724	0.660	0.635	0.638	0.644	0.639	0.631	0.646	0.713
10141	101.40	0.866	1.032	1.236	1.412	1.530	1.583	1.586	1.562	1.525	1.468
10151	101.50	1.372	1.221	1.022	0.807	0.631	0.541	0.558	0.660	0.797	0.909
10161	101.60	0.955	0.936	0.883	0.841	0.842	0.885	0.942	0.973	0.959	0.908
10171	101.70	0.862	0.862	0.928	1.039	1.136	1.144	1.022	0.774	0.459	0.164
10181	101.80	-0.029	-0.081	-0.010	0.124	0.248	0.308	0.291	0.221	0.137	0.074
10191	101.90	0.047	0.045	0.048	0.041	0.024	0.006	-0.003	-0.004	-0.012	-0.048
10201	102.00	-0.124	-0.236	-0.361	-0.470	-0.538	-0.564	-0.565	-0.565	-0.584	-0.625
10211	102.10	-0.676	-0.719	-0.748	-0.770	-0.804	-0.866	-0.948	-1.022	-1.047	-0.991
10221	102.20	-0.861	-0.701	-0.586	-0.582	-0.717	-0.955	-1.210	-1.378	-1.385	-1.220
10231	102.30	-0.944	-0.664	-0.484	-0.464	-0.595	-0.806	-1.000	-1.099	-1.073	-0.947
10241	102.40	-0.780	-0.633	-0.540	-0.498	-0.475	-0.434	-0.354	-0.244	-0.129	-0.038
10251	102.50	0.017	0.045	0.073	0.127	0.215	0.326	0.432	0.500	0.515	0.483
10261	102.60	0.426	0.377	0.358	0.376	0.412	0.452	0.476	0.477	0.462	0.446
10271	102.70	0.442	0.457	0.485	0.515	0.534	0.539	0.530	0.519	0.514	0.524
10281	102.80	0.547	0.577	0.604	0.619	0.615	0.592	0.552	0.500	0.440	0.377
10291	102.90	0.314	0.255	0.203	0.160	0.125	0.096	0.066	0.031	-0.016	-0.073
10301	103.00	-0.137	-0.197	-0.240	-0.254	-0.234	-0.183	-0.111	-0.035	0.030	0.074
10311	103.10	0.098	0.108	0.118	0.140	0.176	0.223	0.271	0.308	0.327	0.330
10321	103.20	0.324	0.319	0.323	0.335	0.351	0.359	0.353	0.330	0.295	0.259
10331	103.30	0.230	0.213	0.206	0.202	0.195	0.181	0.160	0.137	0.117	0.104
10341	103.40	0.095	0.088	0.077	0.060	0.039	0.018	0.001	-0.010	-0.018	-0.027
10351	103.50	-0.039	-0.057	-0.079	-0.099	-0.115	-0.125	-0.131	-0.139	-0.152	-0.173
10361	103.60	-0.198	-0.221	-0.236	-0.238	-0.228	-0.209	-0.185	-0.162	-0.144	-0.130
10371	103.70	-0.121	-0.113	-0.106	-0.098	-0.089	-0.079	-0.067	-0.054	-0.041	-0.029
10381	103.80	-0.020	-0.014	-0.008	-0.002	0.009	0.026	0.047	0.067	0.077	0.070
10391	103.90	0.042	-0.006	-0.068	-0.135	-0.196	-0.245	-0.281	-0.307	-0.330	-0.357
10401	104.00	-0.392	-0.435	-0.483	-0.529	-0.569	-0.602	-0.631	-0.658	-0.691	-0.731
10411	104.10	-0.777	-0.825	-0.869	-0.904	-0.931	-0.955	-0.984	-1.022	-1.073	-1.131
10421	104.20	-1.185	-1.223	-1.234	-1.215	-1.170	-1.112	-1.053	-1.005	-0.971	-0.951
10431	104.30	-0.938	-0.924	-0.906	-0.882	-0.854	-0.825	-0.797	-0.773	-0.750	-0.729
10441	104.40	-0.709	-0.689	-0.669	-0.645	-0.614	-0.572	-0.518	-0.455	-0.388	-0.324
10451	104.50	-0.268	-0.223	-0.183	-0.145	-0.102	-0.051	0.005	0.061	0.113	0.158
10461	104.60	0.199	0.239	0.284	0.335	0.390	0.445	0.496	0.539	0.578	0.618
10471	104.70	0.663	0.715	0.772	0.827	0.876	0.917	0.953	0.991	1.036	1.090
10481	104.80	1.149	1.206	1.254	1.291	1.320	1.352	1.397	1.459	1.532	1.602
10491	104.90	1.650	1.660	1.624	1.549	1.450	1.348	1.262	1.201	1.160	1.131

Table 7-35-22

TABLE OF CORRECTED ACCELERATION RECORD NO.22

INDEX NO. 1227 1302-PI-1-13 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -59.868 (GAL) T= 2.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10501	105.00	1.100	1.060	1.011	0.961	0.924	0.907	0.912	0.931	0.951	0.958
10511	105.10	0.943	0.909	0.868	0.833	0.816	0.818	0.831	0.842	0.835	0.804
10521	105.20	0.750	0.684	0.615	0.550	0.488	0.423	0.348	0.264	0.181	0.113
10531	105.30	0.079	0.082	0.119	0.169	0.211	0.231	0.226	0.207	0.191	0.191
10541	105.40	0.209	0.234	0.251	0.247	0.224	0.196	0.180	0.191	0.228	0.274
10551	105.50	0.302	0.289	0.229	0.129	0.012	-0.100	-0.197	-0.286	-0.380	-0.492
10561	105.60	-0.621	-0.744	-0.829	-0.847	-0.785	-0.656	-0.494	-0.339	-0.218	-0.140
10571	105.70	-0.089	-0.039	0.028	0.118	0.214	0.290	0.320	0.293	0.214	0.105
10581	105.80	-0.009	-0.108	-0.184	-0.237	-0.274	-0.303	-0.330	-0.361	-0.401	-0.453
10591	105.90	-0.518	-0.593	-0.667	-0.727	-0.763	-0.776	-0.776	-0.779	-0.795	-0.823
10601	106.00	-0.846	-0.842	-0.798	-0.723	-0.652	-0.633	-0.704	-0.873	-1.100	-1.309
10611	106.10	-1.415	-1.358	-1.131	-0.790	-0.434	-0.166	-0.057	-0.115	-0.289	-0.491
10621	106.20	-0.637	-0.681	-0.627	-0.523	-0.429	-0.393	-0.426	-0.502	-0.577	-0.611
10631	106.30	-0.590	-0.532	-0.472	-0.446	-0.467	-0.523	-0.582	-0.609	-0.589	-0.534
10641	106.40	-0.479	-0.459	-0.494	-0.568	-0.636	-0.637	-0.531	-0.316	-0.038	0.222
10651	106.50	0.380	0.383	0.232	-0.022	-0.294	-0.507	-0.620	-0.642	-0.627	-0.639
10661	106.60	-0.724	-0.887	-1.090	-1.273	-1.386	-1.407	-1.355	-1.273	-1.205	-1.173
10671	106.70	-1.168	-1.158	-1.109	-1.006	-0.860	-0.708	-0.593	-0.544	-0.563	-0.625
10681	106.80	-0.688	-0.710	-0.663	-0.535	-0.334	-0.080	0.201	0.474	0.704	0.861
10691	106.90	0.931	0.920	0.862	0.802	0.781	0.817	0.895	0.977	1.023	1.016
10701	107.00	0.975	0.948	0.981	1.089	1.234	1.334	1.304	1.104	0.764	0.388
10711	107.10	0.106	0.008	0.098	0.275	0.383	0.284	-0.066	-0.579	-1.066	-1.316
10721	107.20	-1.191	-0.699	0.003	0.674	1.092	1.142	0.867	0.431	0.045	-0.133
10731	107.30	-0.059	0.190	0.469	0.641	0.641	0.500	0.315	0.193	0.194	0.308
10741	107.40	0.468	0.591	0.621	0.559	0.453	0.370	0.357	0.422	0.528	0.623
10751	107.50	0.665	0.643	0.581	0.521	0.500	0.533	0.607	0.688	0.743	0.752
10761	107.60	0.720	0.671	0.638	0.643	0.693	0.771	0.846	0.889	0.882	0.832
10771	107.70	0.769	0.736	0.765	0.863	0.997	1.103	1.107	0.958	0.657	0.266
10781	107.80	-0.107	-0.350	-0.390	-0.227	0.067	0.372	0.573	0.608	0.488	0.291
10791	107.90	0.117	0.046	0.095	0.222	0.349	0.405	0.365	0.256	0.140	0.077
10801	108.00	0.090	0.150	0.192	0.151	-0.002	-0.240	-0.487	-0.654	-0.679	-0.552
10811	108.10	-0.324	-0.077	0.109	0.192	0.181	0.130	0.103	0.143	0.246	0.367
10821	108.20	0.433	0.385	0.203	-0.076	-0.371	-0.581	-0.629	-0.490	-0.202	0.148
10831	108.30	0.461	0.660	0.723	0.681	0.602	0.548	0.546	0.577	0.591	0.546
10841	108.40	0.441	0.330	0.303	0.442	0.761	1.192	1.592	1.808	1.752	1.449
10851	108.50	1.044	0.738	0.692	0.941	1.360	1.703	1.710	1.225	0.283	-0.892
10861	108.60	-1.968									

Table 7-36-1

TABLE OF CORRECTED ACCELERATION RECORD — NO. 1

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.0	-15.413	13.024	50.758	87.305	110.697	112.298	90.759	53.183	12.709
11	0.10	-16.719	-26.248	-16.116	4.101	19.251	14.850	-16.809	-73.278	-142.692	-208.211
21	0.20	-254.195	-271.494	-259.781	-226.274	-181.815	-136.284	-95.393	-60.018	-27.869	3.735
31	0.30	35.598	65.985	91.687	109.991	120.328	124.682	126.605	129.478	135.062	142.990
41	0.40	151.726	159.717	166.507	172.711	178.964	186.515	186.473	180.431	162.451	131.531
51	0.50	91.224	49.316	15.323	-3.335	-4.851	5.462	16.586	15.812	-6.163	-51.144
61	0.60	-112.068	-175.001	-223.755	-245.349	-234.240	-193.864	-135.110	-72.561	-20.030	13.045
71	0.70	23.363	13.541	-9.535	-36.922	-59.711	-70.646	-65.287	-42.797	-6.319	37.312
81	0.80	78.798	108.598	119.694	110.030	83.616	49.602	19.412	2.844	4.603	22.668
91	0.90	49.219	73.795	87.386	85.783	70.798	48.948	28.274	14.777	10.066	11.164
101	1.00	12.419	8.491	-3.050	-20.690	-39.899	-55.444	-63.898	-65.144	-62.219	-59.680
111	1.10	-61.360	-68.593	-79.682	-90.705	-97.164	-95.625	-84.672	-64.948	-38.522	-8.142
121	1.20	23.224	52.438	76.117	90.820	93.753	83.816	62.515	34.146	4.927	-18.726
131	1.30	-32.144	-33.756	-25.260	-10.586	5.812	20.502	31.760	39.185	42.634	41.212
141	1.40	33.023	15.928	-11.030	-46.302	-85.383	-121.634	-148.163	-159.906	-155.439	-137.219
151	1.50	-110.819	-83.209	-60.869	-48.340	-47.494	-57.467	-74.985	-94.916	-110.987	-116.791
161	1.60	-107.132	-79.529	-35.394	19.678	76.923	126.626	160.930	176.243	174.328	161.613
171	1.70	146.966	138.772	142.365	158.684	184.415	213.335	238.188	252.389	251.196	232.283
181	1.80	195.951	145.119	85.117	23.053	-33.428	-77.944	-107.284	-122.698	-129.873	-137.294
191	1.90	-153.352	-183.148	-226.208	-276.062	-321.960	-352.170	-357.671	-334.916	-286.720	-221.061
201	2.00	-148.387	-78.519	-18.259	29.547	65.429	91.706	110.725	123.715	130.656	131.057
211	2.10	125.143	114.773	103.570	96.137	96.657	107.341	127.743	154.636	183.104	207.988
221	2.20	225.244	232.652	229.720	217.029	195.499	166.065	129.908	89.011	46.478	6.139
231	2.30	-28.663	-56.673	-79.849	-103.190	-132.939	-173.640	-225.230	-281.584	-331.444	-361.700
241	2.40	-361.875	-328.034	-264.454	-182.311	-95.905	-18.040	43.533	87.228	116.106	134.755
251	2.50	146.248	150.692	145.951	129.964	103.280	70.370	38.932	17.471	12.289	25.247
261	2.60	53.254	89.548	126.024	155.506	173.090	176.301	164.484	138.108	98.528	48.274
271	2.70	-8.574	-66.464	-119.245	-161.628	-190.623	-206.219	-210.911	-208.259	-201.163	-190.707
281	2.80	-176.103	-155.715	-128.544	-95.361	-58.879	-22.886	9.160	35.325	55.557	71.079
291	2.90	83.203	92.278	97.379	96.946	90.044	77.577	62.771	50.618	46.410	53.946
301	3.00	74.116	104.382	139.329	172.043	195.851	205.874	200.032	179.306	147.294	109.229
311	3.10	70.721	36.496	9.421	-9.968	-23.317	-33.771	-44.952	-59.938	-80.525	-106.934
321	3.20	-137.907	-171.046	-203.177	-230.669	-249.744	-256.932	-249.735	-227.403	-191.560	-146.279
331	3.30	-97.419	-51.259	-12.874	15.154	33.163	43.798	50.646	56.750	63.680	71.528
341	3.40	79.718	88.063	97.397	109.295	124.974	143.918	163.066	177.175	180.440	168.809
351	3.50	141.964	104.035	62.555	25.963	0.615	-11.481	-13.276	-11.383	-13.435	-25.186
361	3.60	-48.500	-80.940	-116.973	-150.131	-175.163	-189.342	-192.556	-186.398	-172.871	-153.395
371	3.70	-128.548	-98.557	-64.147	-27.248	8.878	40.186	62.857	74.399	74.368	64.537
381	3.80	48.474	30.714	15.790	7.341	7.468	16.398	32.518	52.774	73.395	90.811
391	3.90	102.518	107.610	106.764	101.654	94.016	84.782	73.714	59.757	42.001	20.806
401	4.00	-1.513	-20.886	-32.648	-33.264	-21.917	-1.231	23.231	44.587	56.725	56.083
411	4.10	42.431	18.484	-11.366	-42.534	-71.322	-95.222	-112.586	-122.067	-122.369	-112.556
421	4.20	-92.826	-65.282	-34.174	-5.296	15.395	23.466	17.346	-1.177	-27.504	-55.526
431	4.30	-79.200	-93.829	-96.737	-87.322	-66.713	-37.342	-2.609	33.392	66.205	91.583
441	4.40	106.275	108.811	99.969	82.638	61.027	39.466	21.235	7.873	-0.279	-5.918
451	4.50	-8.842	-10.245	-10.083	-8.031	-4.236	0.110	2.802	1.357	-5.823	-18.388
461	4.60	-33.677	-47.324	-54.706	-52.666	-40.785	-21.622	0.218	19.816	33.724	41.059
471	4.70	43.445	43.922	45.378	49.273	55.246	61.707	67.014	70.545	73.026	75.920
481	4.80	80.214	85.281	88.544	86.229	74.946	53.357	23.106	-11.501	-44.928	-72.313
491	4.90	-90.928	-100.564	-102.789	-99.607	-92.367	-81.557	-67.566	-51.874	-37.764	-29.894

Table 7-36-2

TABLE OF CORRECTED ACCELERATION RECORD — NO. 2

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-32.636	-47.860	-73.305	-102.500	-126.563	-137.247	-129.967	-105.439	-69.191	-29.186
511	5.10	7.315	36.172	57.025	72.044	83.606	92.247	96.057	91.845	77.439	53.824
521	5.20	25.864	1.067	-13.154	-12.456	2.619	26.866	52.540	72.390	82.189	81.678
531	5.30	73.677	62.001	49.366	36.338	21.766	4.305	-15.936	-36.596	-53.614	-62.869
541	5.40	-62.067	-51.895	-35.846	-18.803	-5.078	3.144	6.241	6.362	5.889	6.000
551	5.50	6.066	4.158	-1.655	-11.924	-25.100	-37.869	-46.384	-47.829	-41.557	-29.096
561	5.60	-14.359	-0.257	10.625	17.721	22.085	25.495	29.352	33.934	38.318	40.979
571	5.70	40.692	37.280	31.821	26.226	22.415	21.472	23.202	26.245	28.689	28.857
581	5.80	25.924	20.109	12.411	4.080	-3.923	-11.226	-18.031	-24.855	-32.206	-40.337
591	5.90	-49.162	-58.277	-67.009	-74.426	-79.339	-80.380	-76.245	-66.107	-50.068	-29.434
601	6.00	-6.647	15.215	33.199	45.238	50.599	49.854	44.436	36.030	26.126	15.928
611	6.10	6.611	-0.344	-3.055	0.398	11.197	28.924	51.092	73.411	90.853	99.171
621	6.20	96.292	82.998	62.591	39.668	18.508	1.732	-10.246	-18.842	-26.250	-34.249
631	6.30	-43.402	-52.925	-61.182	-66.482	-67.762	-64.896	-58.579	-49.968	-40.332	-30.867
641	6.40	-22.678	-16.790	-14.028	-14.729	-18.407	-23.609	-28.137	-29.666	-26.563	-18.526
651	6.50	-6.767	6.410	18.448	27.424	32.582	34.273	33.383	30.585	25.822	18.342
661	6.60	7.259	-7.629	-25.209	-42.979	-57.615	-65.977	-66.126	-57.932	-43.053	-24.339
671	6.70	-4.968	12.339	25.757	34.413	38.210	37.611	33.525	27.291	20.632	15.444
681	6.80	13.401	15.500	21.735	31.106	41.956	52.507	61.334	67.552	70.697	70.431
691	6.90	66.362	58.146	45.896	30.650	14.558	0.522	-8.681	-11.499	-8.395	-1.896
701	7.00	4.208	6.272	2.187	-7.827	-21.402	-35.066	-45.671	-51.547	-52.900	-51.351
711	7.10	-48.944	-47.158	-46.406	-46.204	-45.794	-44.804	-43.523	-42.664	-42.793	-43.812
721	7.20	-44.861	-44.747	-42.647	-38.693	-34.018	-30.193	-28.285	-28.050	-27.732	-24.651
731	7.30	-16.369	-1.904	17.604	39.097	58.633	72.786	79.806	80.078	75.730	69.654
741	7.40	64.408	61.466	61.064	62.555	65.001	67.644	70.053	71.982	72.964	72.320
751	7.50	69.016	62.065	50.918	35.777	17.677	-1.721	-20.537	-37.154	-50.630	-60.936
761	7.60	-68.950	-76.200	-84.391	-94.801	-107.686	-121.914	-134.974	-143.457	-143.933	-133.994
771	7.70	-113.113	-83.017	-47.408	-11.092	21.204	45.960	61.573	68.491	68.766	65.271
781	7.80	60.841	57.607	56.677	58.179	61.553	65.959	70.609	74.942	78.580	81.121
791	7.90	81.906	79.894	73.794	62.459	45.440	23.451	-1.492	-26.436	-48.305	-64.872
801	8.00	-75.509	-81.328	-84.613	-87.741	-92.058	-97.225	-101.364	-101.954	-97.051	-86.261
811	8.10	-70.976	-53.776	-37.289	-23.096	-11.217	-0.429	10.804	23.292	36.556	49.039
821	8.20	58.960	65.328	68.531	70.151	72.069	75.349	79.501	82.570	82.044	76.138
831	8.30	64.825	50.063	35.101	23.190	16.310	14.487	15.972	18.105	18.387	15.261
841	8.40	8.321	-1.989	-14.850	-29.356	-44.462	-58.706	-70.068	-76.114	-74.907	-65.723
851	8.50	-49.799	-30.293	-11.471	2.639	9.555	9.058	3.014	-5.580	-13.841	-19.970
861	8.60	-23.548	-25.118	-25.410	-24.677	-22.521	-18.286	-11.719	-3.695	4.757	10.987
871	8.70	13.568	12.009	7.173	0.889	-4.860	-8.747	-10.529	-10.917	-11.009	-11.622
881	8.80	-12.887	-14.284	-15.061	-14.747	-13.437	-11.697	-10.130	-8.882	-7.394	-4.571
891	8.90	0.680	8.814	19.236	30.335	39.978	46.221	47.948	45.151	38.806	30.449
901	9.00	21.710	14.000	8.423	5.815	6.753	11.402	19.227	28.758	37.632	43.050
911	9.10	42.595	35.126	21.374	3.928	-13.446	-26.949	-33.927	-33.621	-27.239	-17.347
921	9.20	-6.885	1.780	7.400	9.864	9.798	8.020	5.153	1.530	-2.624	-6.942
931	9.30	-10.783	-13.335	-13.905	-12.225	-8.590	-3.745	1.435	6.296	10.604	14.503
941	9.40	18.263	21.977	25.394	27.971	29.125	28.531	26.288	22.866	18.834	14.546
951	9.50	9.945	4.619	-1.911	-9.807	-18.639	-27.377	-34.677	-39.368	-40.929	-39.774
961	9.60	-37.211	-35.099	-35.295	-39.087	-46.754	-57.372	-68.912	-78.623	-83.616	-81.570
971	9.70	-71.385	-53.616	-30.529	-5.704	16.779	33.350	41.880	42.206	36.100	26.658
981	9.80	17.368	11.148	9.697	13.311	21.135	31.655	43.174	54.093	62.967	68.446
991	9.90	69.282	64.518	53.834	37.907	18.553	-1.486	-19.125	-31.708	-37.697	-37.022

Table 7-36-3

TABLE OF CORRECTED ACCELERATION RECORD

NO. 3

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-30.959	-21.624	-11.272	-1.712	6.003	11.538	15.001	16.635	16.618	15.077
1011	10.10	12.226	8.524	4.692	1.559	-0.235	-0.527	0.237	1.105	0.949	-1.111
1021	10.20	-5.337	-11.226	-17.619	-23.050	-26.187	-26.227	-23.108	-17.484	-10.497	-3.413
1031	10.30	2.738	7.428	10.724	13.205	15.717	19.062	23.695	29.527	35.888	41.685
1041	10.40	45.690	46.907	44.876	39.837	32.660	24.580	16.790	10.035	4.363	-0.888
1051	10.50	-6.835	-14.599	-24.828	-37.351	-51.118	-64.442	-75.496	-82.885	-86.084	-85.597
1061	10.60	-82.751	-79.209	-76.362	-74.822	-74.201	-73.256	-70.353	-64.075	-53.766	-39.806
1071	10.70	-23.535	-6.857	8.327	20.655	29.622	35.612	39.647	42.986	46.728	51.552
1081	10.80	57.639	64.758	72.410	79.958	86.678	91.762	94.346	93.618	89.040	80.617
1091	10.90	69.090	55.931	43.068	32.385	25.155	21.614	20.863	21.156	20.488	17.273
1101	11.00	10.844	1.598	-9.264	-20.283	-30.322	-38.950	-46.470	-53.608	-61.009	-68.778
1111	11.10	-76.256	-82.144	-84.892	-83.218	-76.547	-65.219	-50.439	-33.984	-17.830	-3.775
1121	11.20	6.830	13.239	15.352	13.690	9.298	3.578	-1.948	-5.921	-7.424	-6.172
1131	11.30	-2.541	2.581	8.090	13.016	16.784	19.315	20.924	22.068	23.053	23.829
1141	11.40	23.957	22.769	19.650	14.340	7.116	-1.196	-9.411	-16.291	-20.860	-22.619
1151	11.50	-21.588	-18.183	-13.003	-6.615	0.565	8.256	16.196	24.007	31.128	36.882
1161	11.60	40.653	42.117	41.409	39.133	36.210	33.591	31.961	31.541	32.057	32.890
1171	11.70	33.313	32.725	30.795	27.468	22.881	17.230	10.675	3.295	-4.903	-13.957
1181	11.80	-23.910	-34.779	-46.484	-58.737	-70.915	-81.976	-90.513	-94.993	-94.151	-87.426
1191	11.90	-75.255	-59.083	-41.024	-23.296	-7.616	5.179	15.156	22.951	29.259	34.415
1201	12.00	38.264	40.390	40.555	39.097	37.028	35.740	36.414	39.405	43.930	48.230
1211	12.10	50.190	48.156	41.592	31.293	19.056	6.978	-3.314	-11.148	-16.838	-21.286
1221	12.20	-25.394	-29.586	-33.653	-36.958	-38.857	-39.078	-37.872	-35.864	-33.703	-31.723
1231	12.30	-29.788	-27.401	-24.007	-19.320	-13.505	-7.133	-0.951	4.403	8.582	11.544
1241	12.40	13.416	14.325	14.298	13.309	11.429	8.961	6.470	4.648	4.051	4.848
1251	12.50	6.703	8.850	10.356	10.448	8.777	5.515	1.280	-3.064	-6.613	-8.595
1261	12.60	-8.450	-5.891	-0.952	5.938	13.907	21.687	27.816	30.979	30.402	26.148
1271	12.70	19.173	11.097	3.741	-1.402	-3.567	-2.856	-0.092	3.527	6.808	8.825
1281	12.80	9.028	7.194	3.356	-2.212	-8.939	-15.876	-21.712	-24.993	-24.511	-19.775
1291	12.90	-11.361	-3.942	9.062	16.156	18.536	15.682	8.541	-0.760	-9.572	-15.521
1301	13.00	-17.154	-14.255	-7.741	0.742	9.352	16.512	21.183	22.910	21.719	17.969
1311	13.10	12.233	5.235	-2.179	-9.097	-14.646	-18.155	-19.306	-18.219	-15.415	-11.676
1321	13.20	-7.831	-4.567	-2.314	-1.243	-1.339	-2.504	-4.618	-7.535	-11.017	-14.674
1331	13.30	-17.961	-20.269	-21.110	-20.306	-18.122	-15.245	-12.598	-11.040	-11.048	-12.511
1341	13.40	-14.728	-16.623	-17.104	-15.447	-11.549	-5.968	0.276	6.039	10.415	12.985
1351	13.50	13.860	13.556	12.751	12.048	11.844	12.302	13.426	15.141	17.329	19.802
1361	13.60	22.253	24.246	25.301	25.056	23.444	20.779	17.685	14.871	12.837	11.645
1371	13.70	10.892	9.915	8.137	5.409	2.150	-0.793	-2.541	-2.637	-1.364	0.267
1381	13.80	0.883	-0.687	-4.871	-11.109	-17.995	-23.784	-27.031	-27.097	-24.325	-19.822
1391	13.90	-14.987	-11.000	-8.490	-7.497	-7.682	-8.629	-10.054	-11.819	-13.773	-15.541
1401	14.00	-16.426	-15.526	-12.052	-5.704	3.065	13.059	22.628	30.152	34.534	35.498
1411	14.10	33.611	30.019	26.037	22.736	20.685	19.882	19.874	19.965	19.441	17.733
1421	14.20	14.514	9.738	3.635	-3.326	-10.503	-17.186	-22.725	-26.653	-28.761	-29.102
1431	14.30	-27.924	-25.578	-22.402	-18.697	-14.715	-10.698	-6.887	-3.494	-0.631	1.755
1441	14.40	3.898	6.144	8.795	11.956	15.426	18.729	21.273	22.568	22.431	21.044
1451	14.50	18.862	16.383	13.916	11.433	8.609	5.023	0.423	-5.083	-11.006	-16.669
1461	14.60	-21.512	-25.366	-28.557	-31.750	-35.592	-40.317	-45.472	-49.949	-52.297	-51.238
1471	14.70	-46.156	-37.369	-26.057	-13.891	-2.510	6.946	14.054	19.043	22.484	24.964
1481	14.80	26.827	28.164	28.971	29.386	29.819	30.901	33.237	37.078	42.091	47.339
1491	14.90	51.535	53.455	52.360	48.232	41.732	33.896	25.719	17.799	10.203	2.607

Table 7-36-4

TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-5.370	-13.799	-22.219	-29.659	-34.924	-37.003	-35.471	-30.682	-23.719	-16.100
1511	15.10	-9.350	-4.609	-2.384	-2.515	-4.329	-6.912	-9.376	-11.057	-11.598	-10.925
1521	15.20	-9.173	-6.599	-3.535	-0.363	2.498	4.617	5.616	5.255	3.513	0.620
1531	15.30	-2.979	-6.737	-10.145	-12.865	-14.789	-16.004	-16.685	-16.958	-16.801	-16.035
1541	15.40	-14.410	-11.786	-8.187	-4.081	-0.143	2.807	4.053	3.212	0.370	-3.915
1551	15.50	-8.753	-13.146	-16.249	-17.566	-17.044	-15.047	-12.223	-9.312	-6.957	-5.560
1561	15.60	-5.231	-5.815	-7.006	-8.478	-10.006	-11.514	-13.045	-14.647	-16.240	-17.508
1571	15.70	-17.894	-16.710	-13.344	-7.501	0.620	10.290	20.384	29.652	37.043	41.957
1581	15.80	44.360	44.701	43.700	42.075	40.338	38.707	37.161	35.576	33.863	32.035
1591	15.90	30.167	28.306	26.376	24.167	21.428	18.022	14.067	9.976	6.337	3.677
1601	16.00	2.204	1.649	1.309	0.278	-2.191	-6.373	-11.922	-17.964	-23.405	-27.302
1611	16.10	-29.172	-29.083	-27.544	-25.236	-22.744	-20.397	-18.274	-16.335	-14.575	-13.101
1621	16.20	-12.087	-11.653	-11.743	-12.106	-12.395	-12.347	-11.933	-11.378	-11.023	-11.098
1631	16.30	-11.523	-11.880	-11.572	-10.132	-7.504	-4.158	-0.932	1.318	2.122	1.634
1641	16.40	0.586	-0.036	0.550	2.550	5.485	8.395	10.249	10.365	8.649	5.555
1651	16.50	1.826	-1.831	-4.971	-7.444	-9.263	-10.424	-10.821	-10.313	-8.891	-6.828
1661	16.60	-4.684	-3.119	-2.591	-3.112	-4.178	-4.968	-4.696	-2.949	0.167	4.146
1671	16.70	8.411	12.633	16.875	21.448	26.555	31.939	36.751	39.766	39.863	36.556
1681	16.80	30.282	22.281	14.103	6.964	1.273	-3.425	-8.073	-13.475	-19.763	-26.228
1691	16.90	-31.626	-34.794	-35.253	-33.493	-30.752	-28.428	-27.386	-27.540	-27.899	-27.069
1701	17.00	-23.946	-18.243	-10.617	-2.329	5.353	11.696	16.728	21.040	25.324	29.913
1711	17.10	34.570	38.656	41.543	43.036	43.555	43.951	45.054	47.195	49.957	52.294
1721	17.20	52.978	51.132	46.591	39.922	32.107	24.084	16.372	8.985	1.636	-5.917
1731	17.30	-13.585	-20.912	-27.298	-32.351	-36.145	-39.232	-42.358	-46.030	-50.165	-53.999
1741	17.40	-56.347	-56.080	-52.814	-46.171	-37.712	-28.577	-20.019	-12.847	-7.323	-3.303
1751	17.50	-0.509	1.239	1.969	1.669	0.497	-1.082	-2.333	-2.467	-0.951	2.235
1761	17.60	6.530	10.934	14.312	15.731	14.702	11.259	5.881	-0.673	-7.543	-13.913
1771	17.70	-19.100	-22.628	-24.279	-24.133	-22.562	-20.144	-17.504	-15.131	-13.228	-11.691
1781	17.80	-10.195	-8.387	-6.064	-3.253	-0.161	2.991	6.143	9.486	13.392	18.221
1791	17.90	24.071	30.616	37.111	42.571	46.071	47.018	45.306	41.291	35.619	29.009
1801	18.00	22.077	15.273	8.917	3.273	-1.413	-4.952	-7.300	-8.644	-9.410	-10.155
1811	18.10	-11.369	-13.289	-15.785	-18.403	-20.543	-21.692	-21.611	-20.399	-18.404	-16.055
1821	18.20	-13.681	-11.430	-9.301	-7.264	-5.392	-3.905	-3.107	-3.243	-4.342	-6.146
1831	18.30	-8.175	-9.893	-10.923	-11.179	-10.879	-10.407	-10.110	-10.113	-10.249	-10.134
1841	18.40	-9.339	-7.587	-4.873	-1.471	2.179	5.630	8.566	10.877	12.646	14.083
1851	18.50	15.454	17.019	18.998	21.529	24.621	28.105	31.607	34.604	36.553	37.082
1861	18.60	36.152	34.122	31.638	29.399	27.851	26.974	26.249	24.841	21.938	17.100
1871	18.70	10.471	2.752	-5.046	-11.964	-17.418	-21.345	-24.114	-26.274	-28.240	-30.075
1881	18.80	-31.456	-31.814	-30.595	-27.509	-22.672	-16.601	-10.072	-3.906	1.219	4.893
1891	18.90	6.996	7.643	7.097	5.671	3.665	1.347	-1.053	-3.319	-5.252	-6.684
1901	19.00	-7.528	-7.833	-7.809	-7.815	-8.263	-9.470	-11.495	-14.028	-16.398	-17.716
1911	19.10	-17.133	-14.124	-8.705	-1.487	6.448	13.818	19.469	22.642	23.132	21.277
1921	19.20	17.842	13.830	10.282	8.095	7.873	9.804	13.590	18.443	23.199	26.539
1931	19.30	27.291	24.732	18.800	10.124	-0.125	-10.537	-19.810	-27.038	-31.870	-34.502
1941	19.40	-35.546	-35.827	-36.158	-37.167	-39.166	-42.089	-45.536	-48.849	-51.288	-52.214
1951	19.50	-51.251	-48.364	-43.817	-38.049	-31.506	-24.517	-17.269	-9.881	-2.517	4.528
1961	19.60	10.838	15.985	19.689	21.939	23.012	23.379	23.546	23.921	24.754	26.171
1971	19.70	28.243	31.012	34.431	38.256	41.956	44.751	45.810	44.565	40.977	35.628
1981	19.80	29.545	23.809	19.123	15.541	12.503	9.163	4.838	-0.648	-6.906	-13.244
1991	19.90	-19.082	-24.294	-29.254	-34.542	-40.455	-46.593	-51.777	-54.397	-53.056	-47.218

Table 7-36-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-37.540	-25.711	-13.847	-3.718	3.869	9.128	13.168	17.165	21.847	27.166
2011	20.10	32.400	36.595	39.096	39.888	39.613	39.263	39.729	41.421	44.114	47.073
2021	20.20	49.353	50.130	48.938	45.743	40.890	34.971	28.688	22.727	17.636	13.729
2031	20.30	10.974	9.000	7.170	4.783	1.323	-3.330	-8.838	-14.524	-19.624	-23.583
2041	20.40	-26.231	-27.783	-28.656	-29.205	-29.512	-29.335	-28.245	-25.884	-22.213	-17.635
2051	20.50	-12.922	-8.979	-6.554	-5.996	-7.165	-9.522	-12.330	-14.904	-16.793	-17.846
2061	20.60	-18.152	-17.899	-17.226	-16.126	-14.463	-12.094	-9.046	-5.665	-2.652	-0.931
2071	20.70	-1.366	-4.404	-9.796	-16.517	-22.962	-27.394	-28.479	-25.747	-19.773	-12.026
2081	20.80	-4.430	1.186	3.566	2.257	-2.410	-9.541	-17.950	-26.366	-33.544	-38.313
2091	20.90	-39.672	-36.965	-30.118	-19.834	-7.588	4.639	14.861	21.654	24.566	24.199
2101	21.00	21.919	19.325	17.691	17.619	19.023	21.391	24.179	27.095	30.163	33.542
2111	21.10	37.243	40.914	43.827	45.096	44.012	40.334	34.394	26.984	19.082	11.563
2121	21.20	5.024	-0.236	-4.120	-6.617	-7.759	-7.679	-6.717	-5.484	-4.791	-5.461
2131	21.30	-8.967	-12.720	-19.006	-26.093	-32.963	-38.656	-42.443	-43.883	-42.783	-39.149
2141	21.40	-33.170	-25.278	-16.211	-7.012	1.084	6.904	9.634	9.060	5.664	0.511
2151	21.50	-5.011	-9.518	-11.911	-11.537	-8.230	-2.250	5.815	15.146	24.795	33.795
2161	21.60	41.291	46.688	49.755	50.660	49.894	48.105	45.913	43.757	41.839	40.161
2171	21.70	38.604	37.001	35.149	32.779	29.535	24.992	18.779	10.742	1.091	-9.572
2181	21.80	-20.366	-30.385	-38.968	-45.878	-51.301	-55.647	-59.260	-62.154	-63.920	-63.839
2191	21.90	-61.170	-55.478	-46.872	-36.044	-24.108	-12.314	-1.756	6.830	13.113	17.099
2201	22.00	19.009	19.171	17.973	15.862	13.350	10.979	9.232	8.411	8.540	9.342
2211	22.10	10.312	10.876	10.568	9.165	6.724	3.527	-0.052	-3.691	-7.198	-10.521
2221	22.20	-13.669	-16.590	-19.087	-20.800	-21.289	-20.190	-17.378	-13.069	-7.807	-2.324
2231	22.30	2.681	6.748	9.779	12.007	13.846	15.671	17.652	19.705	21.582	23.056
2241	22.40	24.083	24.857	25.710	26.894	28.369	29.697	30.142	28.928	25.575	20.130
2251	22.50	13.208	5.796	-1.103	-6.810	-11.177	-14.555	-17.570	-20.802	-24.530	-28.627
2261	22.60	-32.636	-35.965	-38.087	-38.676	-37.643	-35.087	-31.245	-26.454	-21.146	-15.843
2271	22.70	-11.094	-7.356	-4.865	-3.533	-2.969	-2.618	-1.970	-0.756	0.964	2.856
2281	22.80	4.482	5.481	5.689	5.126	3.899	2.074	-0.369	-3.476	-7.167	-11.095
2291	22.90	-14.611	-16.871	-17.094	-14.828	-10.145	-3.647	3.700	10.858	16.992	21.650
2301	23.00	24.805	26.753	27.967	28.940	30.085	31.667	33.772	36.275	38.831	40.908
2311	23.10	41.888	41.236	38.683	34.362	28.824	22.921	17.569	13.489	10.998	9.925
2321	23.20	9.684	9.451	8.394	5.897	1.705	-4.016	-10.723	-17.625	-23.870	-28.757
2331	23.30	-31.907	-33.345	-33.471	-32.900	-32.256	-31.980	-32.247	-33.007	-34.133	-35.568
2341	23.40	-37.382	-39.688	-42.449	-45.293	-47.455	-47.934	-45.836	-40.763	-33.070	-23.846
2351	23.50	-14.594	-6.732	-1.122	2.171	3.788	4.719	5.855	7.667	10.165	13.104
2361	23.60	16.328	20.022	24.728	31.095	39.486	49.634	60.537	70.651	78.324	82.278
2371	23.70	81.959	77.630	70.206	60.941	51.084	41.645	33.285	26.299	20.651	16.011
2381	23.80	11.806	7.325	1.884	-4.967	-13.265	-22.603	-32.260	-41.479	-49.771	-57.082
2391	23.90	-63.729	-70.115	-76.328	-81.847	-85.506	-85.799	-81.411	-71.789	-57.494	-40.176
2401	24.00	-22.171	-5.852	7.002	15.609	20.224	21.849	21.764	21.101	20.587	20.546
2411	24.10	21.067	22.226	24.210	27.282	31.605	37.022	42.912	48.213	51.637	52.002
2421	24.20	48.582	41.349	31.026	18.932	6.676	-4.219	-12.641	-18.086	-20.682	-21.051
2431	24.30	-20.077	-18.636	-17.397	-16.717	-16.665	-17.132	-17.966	-19.084	-20.491	-22.222
2441	24.40	-24.224	-26.240	-27.780	-28.192	-26.839	-23.334	-17.724	-10.552	-2.763	4.549
2451	24.50	10.446	14.409	16.442	16.997	16.727	16.208	15.713	15.161	14.242	12.648
2461	24.60	10.298	7.440	4.577	2.251	0.814	0.278	0.353	0.639	0.874	1.106
2471	24.70	1.669	2.974	5.205	8.079	10.810	12.328	11.679	8.417	2.830	-4.126
2481	24.80	-11.135	-16.944	-20.711	-22.121	-21.288	-18.509	-14.065	-8.178	-1.148	6.425
2491	24.90	13.525	18.830	21.071	19.511	14.325	6.688	-1.515	-8.251	-11.946	-11.892

Table 7-36-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-8.304	-2.041	5.833	14.409	23.045	31.232	38.329	43.402	45.312	43.076
2511	25.10	36.340	25.719	12.800	-0.251	-11.335	-19.056	-23.077	-24.056	-23.220	-21.808
2521	25.20	-20.641	-20.014	-19.898	-20.299	-21.522	-24.155	-28.776	-35.506	-43.677	-51.829
2531	25.30	-58.070	-60.699	-58.808	-52.604	-43.324	-32.763	-22.664	-14.194	-7.744	-3.059
2541	25.40	0.401	3.093	5.195	6.657	7.429	7.702	8.009	9.104	11.670	16.011
2551	25.50	21.871	28.491	34.871	40.121	43.740	45.717	46.411	46.310	45.780	44.932
2561	25.60	43.652	41.747	39.124	35.893	32.345	28.828	25.604	22.750	20.184	17.767
2571	25.70	15.444	13.323	11.647	10.658	10.428	10.732	11.054	10.719	9.120	5.931
2581	25.80	1.237	-4.501	-10.606	-16.403	-21.418	-25.465	-28.611	-31.048	-32.949	-34.368
2591	25.90	-35.233	-35.411	-34.809	-33.445	-31.464	-29.086	-26.536	-23.974	-21.486	-19.110
2601	26.00	-16.876	-14.835	-13.040	-11.495	-10.099	-8.628	-6.782	-4.285	-0.995	3.010
2611	26.10	7.429	11.802	15.626	18.474	20.074	20.336	19.344	17.331	14.655	11.779
2621	26.20	9.227	7.505	6.970	7.704	9.433	11.556	13.297	13.945	13.087	10.751
2631	26.30	7.387	3.693	0.563	-2.141	-3.686	-4.420	-4.613	-4.476	-4.077	-3.373
2641	26.40	-2.348	-1.157	-0.192	-0.006	-1.116	-3.785	-7.882	-12.890	-18.068	-22.696
2651	26.50	-26.273	-28.600	-29.714	-29.737	-28.723	-26.605	-23.265	-18.675	-13.041	-6.842
2661	26.60	-0.736	4.622	8.765	11.526	13.005	13.443	13.066	12.007	10.329	8.151
2671	26.70	5.775	3.731	2.679	3.186	5.484	9.304	13.900	18.247	21.365	22.611
2681	26.80	21.656	19.453	16.057	12.361	8.893	5.917	3.489	1.572	0.161	-0.665
2691	26.90	-0.793	-0.169	1.107	2.764	4.417	5.694	6.367	6.413	6.005	5.426
2701	27.00	4.951	4.764	4.925	5.407	6.160	7.171	8.479	10.153	12.225	14.617
2711	27.10	17.100	19.291	20.706	20.854	19.357	16.072	11.175	5.173	-1.168	-6.996
2721	27.20	-11.594	-14.604	-16.158	-16.864	-17.633	-19.384	-22.733	-27.780	-34.067	-40.736
2731	27.30	-46.810	-51.485	-54.322	-55.261	-54.491	-52.249	-48.676	-43.796	-37.630	-30.373
2741	27.40	-22.516	-14.823	-8.145	-3.150	-0.070	1.377	1.879	2.246	3.106	4.707
2751	27.50	6.912	9.387	11.858	14.306	16.977	20.198	24.099	28.380	32.276	34.754
2761	27.60	34.885	32.215	26.982	20.066	12.695	6.038	0.862	-2.615	-4.627	-5.608
2771	27.70	-5.919	-5.700	-4.903	-3.467	-1.514	0.554	2.140	2.672	1.856	-0.153
2781	27.80	-2.782	-5.238	-6.800	-7.072	-6.083	-4.208	-1.963	0.215	2.110	3.726
2791	27.90	5.180	6.560	7.840	8.887	9.567	9.847	9.857	9.846	10.051	10.566
2801	28.00	11.257	11.798	11.809	11.027	9.439	7.306	5.068	3.190	2.003	1.632
2811	28.10	2.026	3.052	4.606	6.668	9.265	12.375	15.814	19.185	21.923	23.437
2821	28.20	23.291	21.364	17.916	13.537	9.004	5.091	2.392	1.207	1.520	3.039
2831	28.30	5.286	7.709	9.770	11.023	11.160	10.033	7.667	4.249	0.108	-4.316
2841	28.40	-8.521	-12.001	-14.326	-15.219	-14.629	-12.770	-10.104	-7.255	-4.881	-3.515
2851	28.50	-3.446	-4.671	-6.959	-9.956	-13.331	-16.862	-20.425	-23.900	-27.032	-29.358
2861	28.60	-30.230	-28.992	-25.229	-18.996	-10.913	-2.066	6.268	12.976	17.396	19.430
2871	28.70	19.433	17.970	15.527	12.355	8.488	3.927	-1.120	-6.095	-10.138	-12.330
2881	28.80	-12.041	-9.229	-4.539	0.847	5.569	8.508	9.109	7.498	4.358	0.652
2891	28.90	-2.682	-4.951	-5.784	-5.087	-2.950	0.419	4.689	9.367	13.773	17.097
2901	29.00	18.553	17.599	14.125	8.539	1.694	-5.319	-11.449	-15.930	-18.414	-18.975
2911	29.10	-17.991	-15.984	-13.474	-10.877	-8.476	-6.419	-4.739	-3.374	-2.194	-1.036
2921	29.20	0.243	1.679	3.181	4.520	5.392	5.533	4.828	3.384	1.523	-0.308
2931	29.30	-1.678	-2.317	-2.198	-1.549	-0.765	-0.277	-0.411	-1.291	-2.810	-4.675
2941	29.40	-6.509	-7.971	-8.865	-9.196	-9.166	-9.110	-9.389	-10.263	-11.796	-13.813
2951	29.50	-15.921	-17.599	-18.324	-17.698	-15.536	-11.901	-7.076	-1.496	4.328	9.883
2961	29.60	14.690	18.329	20.461	20.852	19.421	16.281	11.769	6.430	0.939	-4.015
2971	29.70	-7.882	-10.268	-11.190	-10.848	-9.638	-8.006	-6.335	-4.869	-3.718	-2.908
2981	29.80	-2.449	-2.388	-2.805	-3.749	-5.153	-6.770	-8.161	-8.785	-8.140	-5.928
2991	29.90	-2.158	2.835	8.490	14.184	19.389	23.773	27.197	29.637	31.073	31.433

Table 7-36-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	30.616	28.591	25.518	21.816	18.112	15.086	13.255	12.794	13.479	14.777
3011	30.10	16.043	16.754	16.656	15.785	14.358	12.609	10.655	8.462	5.917	2.962
3021	30.20	-0.302	-3.599	-6.564	-8.900	-10.507	-11.527	-12.280	-13.120	-14.297	-15.686
3031	30.30	-17.815	-19.965	-22.272	-24.748	-27.420	-30.200	-32.772	-34.584	-34.964	-33.354
3041	30.40	-29.543	-25.816	-16.931	-9.930	-3.850	0.546	2.930	3.413	2.425	0.515
3051	30.50	-1.784	-4.042	-5.921	-7.138	-7.437	-6.611	-4.568	-1.403	2.573	6.877
3061	30.60	10.952	14.295	16.558	17.596	17.452	16.300	14.388	11.982	9.335	6.663
3071	30.70	4.120	1.775	-0.394	-2.463	-4.490	-6.416	-8.001	-8.837	-8.449	-6.484
3081	30.80	-2.893	1.966	7.362	12.380	16.197	18.334	18.791	17.991	16.575	15.125
3091	30.90	13.949	13.004	12.004	10.645	8.822	6.761	4.961	4.003	4.286	5.830
3101	31.00	8.216	10.707	12.487	12.926	11.761	9.137	5.509	1.462	-2.461	-5.868
3111	31.10	-8.532	-10.349	-11.275	-11.303	-10.487	-8.984	-7.094	-5.230	-3.832	-3.244
3121	31.20	-3.610	-4.837	-6.634	-8.635	-10.522	-12.118	-13.396	-14.424	-15.268	-15.932
3131	31.30	-16.347	-16.435	-16.203	-15.810	-15.552	-15.763	-16.657	-18.176	-19.933	-21.263
3141	31.40	-21.418	-19.795	-16.159	-10.730	-4.142	2.745	9.084	14.260	17.997	20.349
3151	31.50	21.585	22.037	21.990	21.642	21.152	20.707	20.575	21.074	22.463	24.798
3161	31.60	27.810	30.891	33.199	33.882	32.333	28.382	22.377	15.089	7.511	0.603
3171	31.70	-4.928	-8.739	-10.846	-11.535	-11.232	-10.401	-9.465	-8.777	-8.585	-8.999
3181	31.80	-9.944	-11.137	-12.126	-12.398	-11.546	-9.426	-6.254	-2.570	0.911	3.527
3191	31.90	4.870	4.890	3.862	2.233	0.434	-1.266	-2.796	-4.214	-5.583	-6.872
3201	32.00	-7.941	-8.612	-8.790	-8.545	-8.115	-7.801	-7.808	-8.118	-8.463	-8.412
3211	32.10	-7.549	-5.653	-2.791	0.704	4.363	7.742	10.536	12.597	13.876	14.322
3221	32.20	13.840	12.316	9.725	6.235	2.257	-1.628	-4.829	-6.940	-7.871	-7.858
3231	32.30	-7.343	-6.787	-6.504	-6.582	-6.938	-7.432	-7.991	-8.661	-9.561	-10.772
3241	32.40	-12.241	-13.755	-15.014	-15.775	-15.978	-15.790	-15.530	-15.512	-15.877	-16.510
3251	32.50	-17.078	-17.181	-16.544	-15.143	-13.217	-11.155	-9.311	-7.846	-6.665	-5.478
3261	32.60	-3.952	-1.874	0.743	3.662	6.516	8.943	10.700	11.713	12.050	11.854
3271	32.70	11.277	10.433	9.407	8.268	7.098	5.986	5.009	4.208	3.576	3.075
3281	32.80	2.665	2.334	2.111	2.046	2.172	2.478	2.899	3.336	3.705	3.957
3291	32.90	4.147	4.309	4.511	4.764	5.000	5.099	4.927	4.400	3.531	2.439
3301	33.00	1.326	0.421	-0.083	-0.081	0.423	1.318	2.426	3.541	4.479	5.116
3311	33.10	5.404	5.379	5.148	4.875	4.763	5.034	5.900	7.527	9.931	13.170
3321	33.20	16.799	20.382	23.308	24.981	25.002	23.316	20.286	16.630	13.232	10.886
3331	33.30	10.051	10.715	12.417	14.419	15.951	16.434	15.608	13.527	10.449	6.706
3341	33.40	2.608	-1.570	-5.551	-9.020	-11.664	-13.161	-13.510	-12.924	-11.913	-11.124
3351	33.50	-11.122	-12.184	-14.210	-16.797	-19.437	-21.747	-23.598	-25.094	-26.388	-27.462
3361	33.60	-27.979	-27.335	-24.889	-20.302	-13.801	-6.242	1.081	6.827	10.041	10.436
3371	33.70	8.432	4.942	1.010	-2.531	-5.247	-7.084	-8.199	-8.755	-8.801	-8.281
3381	33.80	-7.160	-5.558	-3.807	-2.386	-1.741	-2.098	-3.349	-5.083	-6.741	-7.828
3391	33.90	-8.090	-7.566	-6.525	-5.308	-4.174	-3.202	-2.291	-1.241	0.135	1.918
3401	34.00	4.043	6.308	8.424	10.073	10.979	10.959	9.985	8.221	6.027	3.916
3411	34.10	2.439	2.044	2.935	4.997	7.810	10.771	13.264	14.824	15.243	14.569
3421	34.20	13.037	10.957	8.622	6.269	4.081	2.221	0.834	0.031	-0.172	0.101
3431	34.30	0.579	0.904	0.743	-0.095	-1.576	-3.639	-5.275	-6.653	-7.252	-6.936
3441	34.40	-5.773	-3.977	-1.835	0.365	2.374	3.986	5.037	5.403	5.033	3.986
3451	34.50	2.465	0.815	-0.539	-1.201	-0.923	0.292	2.171	4.227	5.892	6.686
3461	34.60	6.350	4.922	2.711	0.195	-2.117	-3.824	-4.704	-4.729	-4.018	-2.767
3471	34.70	-1.190	0.513	2.151	3.542	4.520	4.966	4.862	4.329	3.629	3.107
3481	34.80	3.096	3.814	5.296	7.385	9.794	12.194	14.298	15.899	16.865	17.102
3491	34.90	16.529	15.092	12.812	9.854	6.548	3.361	0.785	-0.803	-1.257	-0.713

Table 7-36-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.454	1.745	2.671	2.858	2.090	0.302	-2.458	-6.045	-10.223	-14.654
3511	35.10	-18.910	-22.540	-25.174	-26.635	-26.994	-26.547	-25.687	-24.758	-23.926	-23.159
3521	35.20	-22.309	-21.258	-20.035	-18.834	-17.907	-17.387	-17.132	-16.694	-15.461	-12.918
3531	35.30	-8.927	-3.882	1.345	5.663	8.132	8.280	6.256	2.746	-1.287	-4.935
3541	35.40	-7.591	-9.054	-9.451	-9.069	-8.189	-6.988	-5.545	-3.907	-2.155	-0.423
3551	35.50	1.143	2.451	3.505	4.394	5.235	6.096	6.967	7.780	8.475	9.071
3561	35.60	9.688	10.491	11.599	12.988	14.464	15.723	16.479	16.594	16.145	15.381
3571	35.70	14.605	14.012	13.596	13.153	12.385	11.061	9.147	6.836	4.482	2.451
3581	35.80	0.983	0.116	-0.295	-0.480	-0.646	-0.899	-1.246	-1.647	-2.083	-2.598
3591	35.90	-3.278	-4.190	-5.322	-6.560	-7.723	-8.647	-9.266	-9.655	-9.990	-10.463
3601	36.00	-11.176	-12.065	-12.899	-13.360	-13.147	-12.096	-10.232	-7.767	-5.034	-2.392
3611	36.10	-0.139	1.544	2.612	3.139	3.286	3.249	3.222	3.359	3.754	4.444
3621	36.20	5.419	6.650	8.109	9.764	11.565	13.402	15.082	16.347	16.926	16.624
3631	36.30	15.410	13.450	11.065	8.631	6.438	4.604	3.056	1.610	0.109	-1.463
3641	36.40	-2.935	-4.016	-4.440	-4.117	-3.219	-2.143	-1.368	-1.269	-1.975	-3.335
3651	36.50	-5.001	-6.585	-7.809	-8.573	-8.924	-8.959	-8.721	-8.160	-7.175	-5.706
3661	36.60	-3.821	-1.725	0.310	2.063	3.466	4.618	5.712	6.889	8.134	9.247
3671	36.70	9.941	9.991	9.384	8.344	7.246	6.427	6.028	5.936	5.874	5.607
3681	36.80	5.134	4.754	4.959	6.167	8.451	11.386	14.133	15.735	15.510	13.350
3691	36.90	9.794	5.821	2.457	0.375	-0.347	-0.181	0.118	-0.110	-1.138	-2.769
3701	37.00	-4.492	-5.766	-6.309	-6.219	-5.907	-5.872	-6.448	-7.645	-9.165	-10.551
3711	37.10	-11.409	-11.565	-11.108	-10.310	-9.476	-8.815	-8.390	-8.165	-8.091	-8.186
3721	37.20	-8.554	-9.329	-10.586	-12.267	-14.159	-15.946	-17.293	-17.936	-17.735	-16.677
3731	37.30	-14.851	-12.413	-9.555	-6.496	-3.464	-0.671	1.722	3.649	5.148	6.335
3741	37.40	7.342	8.242	9.004	9.497	9.557	9.080	8.092	6.779	5.433	4.356
3751	37.50	3.751	3.661	3.966	4.447	4.879	5.119	5.139	5.016	4.869	4.793
3761	37.60	4.817	4.689	4.915	4.805	4.530	4.165	3.784	3.616	3.781	4.322
3771	37.70	5.138	5.991	6.548	6.482	5.580	3.829	1.437	-1.214	-3.686	-5.621
3781	37.80	-6.840	-7.372	-7.402	-7.158	-6.809	-6.397	-5.862	-5.110	-4.104	-2.913
3791	37.90	-1.691	-0.608	0.240	0.873	1.397	1.928	2.494	2.997	3.255	3.110
3801	38.00	2.553	1.780	1.156	1.070	1.776	3.270	5.302	7.493	9.517	11.248
3811	38.10	12.783	14.332	16.031	17.777	19.178	19.669	18.748	16.211	12.293	7.623
3821	38.20	3.019	-0.784	-3.353	-4.630	-4.846	-4.335	-3.360	-2.046	-0.431	1.392
3831	38.30	3.166	4.455	4.771	3.780	1.493	-1.675	-5.015	-7.766	-9.396	-9.783
3841	38.40	-9.229	-8.299	-7.563	-7.373	-7.750	-8.443	-9.096	-9.445	-9.440	-9.253
3851	38.50	-9.168	-9.428	-10.124	-11.163	-12.341	-13.452	-14.396	-15.208	-16.017	-16.950
3861	38.60	-18.038	-19.168	-20.107	-20.584	-20.379	-19.404	-17.724	-15.526	-13.063	-10.589
3871	38.70	-8.306	-6.348	-4.774	-3.580	-2.722	-2.121	-1.693	-1.359	-1.067	-0.801
3881	38.80	-0.577	-0.424	-0.356	-0.356	-0.362	-0.287	-0.066	0.423	1.137	2.076
3891	38.90	3.208	4.510	5.981	7.635	9.476	11.469	13.534	15.553	17.409	19.016
3901	39.00	20.335	21.354	22.038	22.280	21.880	20.582	18.176	14.617	10.124	5.193
3911	39.10	0.508	-3.243	-5.579	-6.387	-5.966	-4.928	-3.998	-3.778	-4.577	-6.359
3921	39.20	-8.813	-11.500	-13.999	-15.987	-17.226	-17.506	-16.590	-14.238	-10.317	-4.959
3931	39.30	1.321	7.633	12.882	16.063	16.579	14.455	10.354	5.377	0.712	-2.718
3941	39.40	-4.497	-4.746	-3.973	-2.805	-1.739	-0.998	-0.548	-0.215	0.153	0.575
3951	39.50	0.933	1.051	0.809	0.233	-0.487	-1.067	-1.228	-0.802	0.224	1.714
3961	39.60	3.448	5.196	6.774	8.082	9.107	9.911	10.614	11.364	12.309	13.536
3971	39.70	15.032	16.639	18.067	18.941	18.898	17.693	15.280	11.829	7.691	3.307
3981	39.80	-0.895	-4.578	-7.528	-9.649	-10.926	-11.403	-11.171	-10.377	-9.240	-8.043
3991	39.90	-7.093	-6.647	-6.830	-7.577	-8.623	-9.548	-9.883	-9.230	-7.369	-4.315

Table 7-36-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.315	4.214	8.781	12.916	16.243	18.510	19.578	19.402	18.003	15.475
4011	40.10	12.003	7.891	3.573	-0.426	-3.576	-5.452	-5.850	-4.851	-2.810	-0.271
4021	40.20	2.167	4.001	4.924	4.865	3.969	2.521	0.869	-0.645	-1.733	-2.190
4031	40.30	-1.917	-0.946	0.547	2.256	3.799	4.811	5.042	4.435	3.135	1.431
4041	40.40	-0.363	-2.023	-3.489	-4.856	-6.295	-7.930	-9.743	-11.550	-13.055	-13.961
4051	40.50	-14.098	-13.488	-12.344	-10.983	-9.716	-8.737	-8.079	-7.626	-7.176	-6.531
4061	40.60	-5.559	-4.234	-2.628	-0.891	0.785	2.202	3.184	3.606	3.417	2.666
4071	40.70	1.399	-0.167	-1.880	-3.588	-5.166	-6.517	-7.542	-8.130	-8.164	-7.562
4081	40.80	-6.324	-4.580	-2.576	-0.625	0.990	2.104	2.722	2.995	3.135	3.307
4091	40.90	3.546	3.750	3.740	3.377	2.658	1.762	1.002	0.717	1.141	2.310
4101	41.00	4.053	6.052	7.956	9.481	10.467	10.873	10.732	10.098	9.021	7.560
4111	41.10	5.807	3.908	2.045	0.386	-0.979	-2.071	-3.005	-3.919	-4.878	-5.809
4121	41.20	-6.505	-6.700	-6.194	-4.967	-3.226	-1.355	0.213	1.153	1.360	0.971
4131	41.30	0.288	-0.361	-0.755	-0.852	-0.768	-0.687	-0.741	-0.937	-1.155	-1.219
4141	41.40	-1.008	-0.533	0.041	0.461	0.496	0.049	-0.793	-1.786	-2.625	-3.074
4151	41.50	-3.057	-2.686	-2.207	-1.901	-1.967	-2.457	-3.266	-4.188	-4.999	-5.531
4161	41.60	-5.722	-5.603	-5.267	-4.817	-4.333	-3.864	-3.438	-3.086	-2.846	-2.761
4171	41.70	-2.854	-3.101	-3.424	-3.703	-3.813	-3.669	-3.263	-2.678	-2.066	-1.597
4181	41.80	-1.397	-1.511	-1.872	-2.334	-2.712	-2.852	-2.674	-2.200	-1.536	-0.829
4191	41.90	-0.212	0.241	0.533	0.730	0.924	1.190	1.553	1.987	2.428	2.811
4201	42.00	3.103	3.314	3.491	3.693	3.949	4.236	4.469	4.521	4.256	3.563
4211	42.10	2.410	0.848	-0.983	-2.875	-4.586	-5.885	-6.598	-6.633	-6.005	-4.830
4221	42.20	-3.298	-1.637	-0.069	1.225	2.125	2.571	2.559	2.122	1.331	0.291
4231	42.30	-0.854	-1.917	-2.698	-3.014	-2.755	-1.927	-0.660	0.806	2.191	3.251
4241	42.40	3.846	3.981	3.791	3.479	3.237	3.179	3.301	3.502	3.645	3.633
4251	42.50	3.475	3.304	3.341	3.814	4.860	6.447	8.347	10.183	11.528	12.035
4261	42.60	11.542	10.119	8.047	5.712	3.476	1.570	0.035	-1.243	-2.444	-3.689
4271	42.70	-4.954	-6.046	-6.664	-6.515	-5.445	-3.517	-1.014	1.636	3.984	5.687
4281	42.80	6.583	6.703	6.215	5.342	4.286	3.189	2.132	1.165	0.341	-0.274
4291	42.90	-0.604	-0.589	-0.215	0.483	1.424	2.504	3.620	4.686	5.633	6.410
4301	43.00	6.976	7.299	7.364	7.176	6.759	6.157	5.418	4.585	3.699	2.792
4311	43.10	1.893	1.023	0.192	-0.611	-1.415	-2.255	-3.149	-4.081	-4.992	-5.803
4321	43.20	-6.447	-6.908	-7.234	-7.522	-7.870	-8.320	-8.823	-9.255	-9.470	-9.382
4331	43.30	-9.021	-8.537	-8.135	-7.970	-8.037	-8.131	-7.887	-6.899	-4.881	-1.786
4341	43.40	2.147	6.448	10.551	13.946	16.299	17.489	17.581	16.743	15.166	13.016
4351	43.50	10.435	7.564	4.584	1.717	-0.797	-2.751	-4.032	-4.652	-4.753	-4.571
4361	43.60	-4.373	-4.395	-4.787	-5.588	-6.727	-8.064	-9.442	-10.745	-11.934	-13.041
4371	43.70	-14.124	-15.196	-16.158	-16.781	-16.754	-15.788	-13.759	-10.801	-7.325	-3.926
4381	43.80	-1.210	0.398	0.780	0.147	-1.066	-2.361	-3.342	-3.797	-3.680	-3.021
4391	43.90	-1.821	-0.002	2.554	5.908	9.956	14.374	18.676	22.330	24.913	26.213
4401	44.00	26.240	25.153	23.150	20.384	16.959	12.983	8.657	4.317	0.393	-2.707
4411	44.10	-4.737	-5.708	-5.884	-5.672	-5.472	-5.538	-5.932	-6.576	-7.354	-8.198
4421	44.20	-9.110	-10.089	-11.028	-11.639	-11.489	-10.132	-7.315	-3.135	1.913	7.056
4431	44.30	11.470	14.539	16.011	16.021	14.952	13.231	11.158	8.831	6.211	3.254
4441	44.40	0.035	-3.206	-6.133	-8.443	-9.997	-10.874	-11.316	-11.596	-11.881	-12.164
4451	44.50	-12.286	-12.058	-11.385	-10.350	-9.194	-8.208	-7.588	-7.333	-7.235	-6.970
4461	44.60	-6.242	-4.922	-3.106	-1.074	0.829	2.329	3.321	3.883	4.214	4.529
4471	44.70	4.962	5.514	6.073	6.466	6.531	6.184	5.426	4.334	3.035	1.675
4481	44.80	0.397	-0.670	-1.427	-1.820	-1.857	-1.621	-1.254	-0.929	-0.799	-0.957
4491	44.90	-1.407	-2.076	-2.847	-3.608	-4.285	-4.851	-5.304	-5.631	-5.769	-5.600

Table 7-36-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-4.978	-3.781	-1.976	0.339	2.928	5.456	7.567	8.962	9.472	9.089
4511	45.10	7.961	6.342	4.532	2.808	1.379	0.360	-0.232	-0.456	-0.418	-0.242
4521	45.20	-0.040	0.113	0.184	0.190	0.180	0.212	0.331	0.541	0.802	1.033
4531	45.30	1.138	1.038	0.703	0.160	-0.510	-1.202	-1.820	-2.314	-2.685	-2.979
4541	45.40	-3.261	-3.575	-3.924	-4.265	-4.525	-4.636	-4.558	-4.307	-3.941	-3.550
4551	45.50	-3.220	-3.013	-2.951	-3.024	-3.196	-3.420	-3.644	-3.806	-3.837	-3.661
4561	45.60	-3.215	-2.471	-1.464	-0.307	0.819	1.702	2.153	2.061	1.439	0.421
4571	45.70	-0.754	-1.806	-2.474	-2.574	-2.036	-0.908	0.665	2.477	4.302	5.930
4581	45.80	7.202	8.025	8.385	8.340	8.010	7.544	7.089	6.753	6.570	6.494
4591	45.90	6.406	6.154	5.598	4.661	3.363	1.828	0.258	-1.122	-2.121	-2.644
4601	46.00	-2.717	-2.482	-2.155	-1.960	-2.060	-2.506	-3.223	-4.030	-4.698	-5.010
4611	46.10	-4.821	-4.078	-2.824	-1.167	0.755	2.794	4.805	6.637	8.120	9.071
4621	46.20	9.317	8.742	7.333	5.214	2.641	-0.044	-2.487	-4.406	-5.650	-6.215
4631	46.30	-6.224	-5.867	-5.339	-4.788	-4.298	-3.892	-3.553	-3.239	-2.894	-2.445
4641	46.40	-1.806	-0.886	0.375	1.974	3.811	5.688	7.344	8.519	9.035	8.857
4651	46.50	8.114	7.071	6.061	5.397	5.299	5.843	6.967	8.492	10.175	11.762
4661	46.60	13.023	13.787	13.955	13.509	12.511	11.086	9.399	7.611	5.838	4.130
4671	46.70	2.458	0.748	-1.078	-3.049	-5.113	-7.136	-8.933	-10.319	-11.164	-11.424
4681	46.80	-11.148	-10.454	-9.488	-8.387	-7.252	-6.149	-5.106	-4.138	-3.257	-2.476
4691	46.90	-1.819	-1.317	-1.002	-0.905	-1.043	-1.404	-1.934	-2.534	-3.072	-3.414
4701	47.00	-3.466	-3.207	-2.704	-2.095	-1.546	-1.197	-1.121	-1.306	-1.675	-2.126
4711	47.10	-2.574	-2.976	-3.325	-3.631	-3.886	-4.056	-4.092	-3.966	-3.704	-3.398
4721	47.20	-3.190	-3.216	-3.550	-4.165	-4.941	-5.707	-6.315	-6.704	-6.920	-7.091
4731	47.30	-7.356	-7.795	-8.375	-8.963	-9.373	-9.448	-9.127	-8.472	-7.635	-6.800
4741	47.40	-6.104	-5.600	-5.239	-4.923	-4.554	-4.084	-3.524	-2.933	-2.376	-1.888
4751	47.50	-1.465	-1.068	-0.657	-0.211	0.268	0.765	1.277	1.832	2.482	3.278
4761	47.60	4.236	5.313	6.411	7.411	8.218	8.799	9.187	9.462	9.693	9.902
4771	47.70	10.042	10.021	9.755	9.218	8.471	7.646	6.897	6.331	5.974	5.761
4781	47.80	5.586	5.363	5.077	4.804	4.675	4.814	5.279	6.028	6.938	7.852
4791	47.90	8.638	9.229	9.620	9.839	9.895	9.757	9.353	8.617	7.532	6.172
4801	48.00	4.699	3.316	2.208	1.476	1.108	0.983	0.917	0.710	0.200	-0.711
4811	48.10	-2.045	-3.749	-5.704	-7.731	-9.619	-11.151	-12.156	-12.555	-12.391	-11.822
4821	48.20	-11.079	-10.383	-9.877	-9.579	-9.377	-9.080	-8.493	-7.477	-5.996	-4.116
4831	48.30	-1.973	0.258	2.400	4.287	5.764	6.698	6.992	6.611	5.606	4.113
4841	48.40	2.335	0.487	-1.255	-2.786	-4.076	-5.141	-5.997	-6.635	-7.014	-7.092
4851	48.50	-6.869	-6.418	-5.877	-5.411	-5.150	-5.144	-5.337	-5.604	-5.802	-5.839
4861	48.60	-5.708	-5.487	-5.298	-5.250	-5.388	-5.681	-6.032	-6.317	-6.625	-6.283
4871	48.70	-5.853	-5.116	-4.048	-2.609	-0.748	1.570	4.330	7.430	10.673	13.776
4881	48.80	16.424	18.337	19.347	19.455	18.850	17.863	16.875	16.196	15.965	16.095
4891	48.90	16.313	16.251	15.587	14.154	11.992	9.312	6.408	3.546	0.901	-1.452
4901	49.00	-3.484	-5.147	-6.341	-6.943	-6.885	-6.235	-5.238	-4.259	-3.667	-3.685
4911	49.10	-4.294	-5.238	-6.137	-6.646	-6.598	-6.054	-5.243	-4.416	-3.715	-3.107
4921	49.20	-2.434	-1.541	-0.406	0.799	1.769	2.213	2.007	1.281	0.365	-0.366
4931	49.30	-0.689	-0.652	-0.557	-0.812	-1.718	-3.320	-5.380	-7.514	-9.396	-10.937
4941	49.40	-12.323	-13.895	-15.922	-18.389	-20.922	-22.902	-23.713	-23.023	-20.938	-17.961
4951	49.50	-14.765	-11.882	-9.474	-7.283	-4.795	-1.535	2.644	7.428	12.114	15.865
4961	49.60	18.022	18.345	17.084	14.865	12.460	10.545	9.533	9.534	10.402	11.836
4971	49.70	13.457	14.860	15.649	15.473	14.102	11.516	7.962	3.947	0.128	-2.862
4981	49.80	-4.601	-4.991	-4.267	-2.881	-1.331	-0.004	0.916	1.431	1.648	1.679
4991	49.90	1.581	1.356	1.003	0.571	0.182	0.002	0.167	0.718	1.569	2.535

Table 7-36-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	3.400	3.995	4.246	4.174	3.852	3.359	2.735	1.989	1.123	0.168
5011	50.10	-0.802	-1.683	-2.384	-2.861	-3.139	-3.294	-3.418	-3.566	-3.742	-3.894
5021	50.20	-3.952	-3.863	-3.621	-3.276	-2.918	-2.653	-2.584	-2.787	-3.305	-4.130
5031	50.30	-5.196	-6.364	-7.441	-8.201	-8.446	-8.063	-7.060	-5.569	-3.805	-1.992
5041	50.40	-0.294	1.222	2.577	3.834	5.035	6.163	7.144	7.894	8.382	8.670
5051	50.50	8.912	9.294	9.943	10.839	11.775	12.387	12.245	10.987	8.436	4.672
5061	50.60	0.037	-4.939	-9.652	-13.550	-16.239	-17.547	-17.531	-16.435	-14.623	-12.491
5071	50.70	-10.380	-8.520	-6.995	-5.748	-4.613	-3.376	-1.840	0.116	2.493	5.175
5081	50.80	7.944	10.543	12.733	14.351	15.334	15.717	15.585	15.028	14.090	12.756
5091	50.90	10.982	8.751	6.137	3.335	0.649	-1.583	-3.090	-3.755	-3.659	-3.048
5101	51.00	-2.250	-1.563	-1.175	-1.138	-1.408	-1.917	-2.640	-3.610	-4.878	-6.435
5111	51.10	-8.153	-9.773	-10.971	-11.462	-11.117	-10.013	-8.403	-6.616	-4.930	-3.481
5121	51.20	-2.250	-1.133	-0.042	1.007	1.878	2.377	2.363	1.837	0.978	0.080
5131	51.30	-0.563	-0.779	-0.581	-0.144	0.289	0.527	0.513	0.330	0.133	0.056
5141	51.40	0.139	0.312	0.458	0.490	0.413	0.333	0.390	0.678	1.174	1.739
5151	51.50	2.181	2.355	2.244	1.979	1.771	1.807	2.147	2.685	3.192	3.419
5161	51.60	3.216	2.599	1.736	0.867	0.196	-0.189	-0.325	-0.324	-0.287	-0.241
5171	51.70	-0.131	0.121	0.538	1.031	1.405	1.430	0.953	-0.012	-1.261	-2.458
5181	51.80	-3.258	-3.433	-2.950	-1.964	-0.740	0.459	1.474	2.276	2.937	3.550
5191	51.90	4.157	4.706	5.070	5.107	4.729	3.940	2.842	1.596	0.363	-0.731
5201	52.00	-1.619	-2.279	-2.710	-2.915	-2.894	-2.656	-2.235	-1.697	-1.137	-0.658
5211	52.10	-0.347	-0.262	-0.423	-0.822	-1.431	-2.211	-3.117	-4.109	-5.148	-6.207
5221	52.20	-7.272	-8.339	-9.392	-10.387	-11.235	-11.804	-11.945	-11.538	-10.540	-9.008
5231	52.30	-7.100	-5.031	-3.022	-1.245	0.191	1.241	1.891	2.134	1.971	1.433
5241	52.40	0.617	-0.294	-1.045	-1.372	-1.088	-0.152	1.298	2.982	4.568	5.782
5251	52.50	6.487	6.711	6.602	6.349	6.097	5.902	5.735	5.530	5.250	4.920
5261	52.60	4.625	4.468	4.507	4.715	4.980	5.144	5.069	4.697	4.077	3.367
5271	52.70	2.681	2.222	2.034	2.081	2.254	2.410	2.432	2.260	1.906	1.438
5281	52.80	0.947	0.515	0.184	-0.044	-0.202	-0.328	-0.445	-0.548	-0.601	-0.558
5291	52.90	-0.393	-0.118	0.205	0.479	0.601	0.500	0.166	-0.350	-0.949	-1.529
5301	53.00	-2.021	-2.414	-2.755	-3.119	-3.564	-4.101	-4.664	-5.128	-5.333	-5.133
5311	53.10	-4.431	-3.208	-1.529	0.469	2.607	4.695	6.567	8.115	9.294	10.130
5321	53.20	10.689	11.055	11.286	11.396	11.351	11.094	10.574	9.781	8.758	7.592
5331	53.30	6.379	5.192	4.056	2.954	1.851	0.727	-0.397	-1.465	-2.411	-3.189
5341	53.40	-3.803	-4.298	-4.739	-5.166	-5.567	-5.883	-6.037	-5.982	-5.734	-5.379
5351	53.50	-5.034	-4.789	-4.657	-4.555	-4.341	-3.878	-3.104	-2.082	-0.983	-0.037
5361	53.60	0.554	0.679	0.348	-0.333	-1.217	-2.183	-3.167	-4.166	-5.202	-6.275
5371	53.70	-7.333	-8.272	-8.968	-9.323	-9.297	-8.925	-8.297	-7.524	-6.701	-5.881
5381	53.80	-5.079	-4.281	-3.474	-2.657	-1.851	-1.094	-0.428	0.105	0.473	0.647
5391	53.90	0.609	0.346	-0.140	-0.824	-1.657	-2.561	-3.440	-4.193	-4.725	-4.965
5401	54.00	-4.871	-4.441	-3.707	-2.734	-1.608	-0.428	0.707	1.709	2.506	3.040
5411	54.10	3.275	3.190	2.786	2.098	1.187	0.148	-0.898	-1.834	-2.561	-3.027
5421	54.20	-3.232	-3.219	-3.054	-2.798	-2.484	-2.114	-1.673	-1.152	-0.572	-0.001
5431	54.30	0.464	0.723	0.716	0.454	0.035	-0.380	-0.611	-0.520	-0.052	0.740
5441	54.40	1.714	2.683	3.482	4.012	4.265	4.316	4.274	4.239	4.261	4.326
5451	54.50	4.384	4.381	4.300	4.176	4.097	4.150	4.396	4.831	5.388	5.955
5461	54.60	6.413	6.675	6.700	6.490	6.073	5.482	4.747	3.902	3.005	2.141
5471	54.70	1.419	0.940	0.767	0.891	1.229	1.653	2.033	2.288	2.406	2.438
5481	54.80	2.464	2.543	2.680	2.819	2.875	2.768	2.465	1.997	1.444	0.905
5491	54.90	0.465	0.180	0.077	0.174	0.493	1.068	1.924	3.048	4.369	5.745

Table 7-36-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	6.993	7.927	8.412	8.390	7.898	7.040	5.962	4.811	3.715	2.768
5511	55.10	2.032	1.533	1.257	1.143	1.083	0.935	0.558	-0.154	-1.227	-2.598
5521	55.20	-4.127	-5.634	-6.950	-7.958	-8.619	-8.956	-9.029	-8.905	-8.630	-8.230
5531	55.30	-7.725	-7.143	-6.533	-5.961	-5.491	-5.158	-4.960	-4.853	-4.769	-4.647
5541	55.40	-4.455	-4.196	-3.905	-3.624	-3.382	-3.182	-3.001	-2.804	-2.570	-2.297
5551	55.50	-2.013	-1.759	-1.573	-1.472	-1.443	-1.450	-1.450	-1.411	-1.323	-1.200
5561	55.60	-1.074	-0.972	-0.904	-0.858	-0.796	-0.673	-0.450	-0.110	0.328	0.815
5571	55.70	1.279	1.644	1.853	1.883	1.752	1.515	1.246	1.010	0.843	0.735
5581	55.80	0.640	0.498	0.274	-0.020	-0.312	-0.489	-0.438	-0.096	0.515	1.288
5591	55.90	2.063	2.685	3.062	3.199	3.192	3.183	3.295	3.579	3.996	4.439
5601	56.00	4.787	4.959	4.948	4.815	4.648	4.510	4.407	4.286	4.070	3.710
5611	56.10	3.223	2.695	2.245	1.968	1.883	1.914	1.914	1.730	1.263	0.516
5621	56.20	-0.421	-1.411	-2.337	-3.160	-3.924	-4.731	-5.675	-6.783	-7.980	-9.107
5631	56.30	-9.966	-10.389	-10.288	-9.674	-8.639	-7.312	-5.816	-4.245	-2.661	-1.120
5641	56.40	0.304	1.512	2.391	2.844	2.829	2.387	1.636	0.749	-0.093	-0.743
5651	56.50	-1.128	-1.253	-1.189	-1.042	-0.915	-0.873	-0.932	-1.056	-1.173	-1.207
5661	56.60	-1.101	-0.842	-0.470	-0.070	0.253	0.397	0.302	-0.033	-0.551	-1.152
5671	56.70	-1.722	-2.168	-2.440	-2.535	-2.480	-2.310	-2.042	-1.668	-1.162	-0.510
5681	56.80	0.266	1.087	1.833	2.373	2.619	2.566	2.310	2.023	1.904	2.106
5691	56.90	2.689	3.594	4.671	5.727	6.592	7.154	7.378	7.269	6.842	6.085
5701	57.00	4.961	3.437	1.533	-0.640	-2.875	-4.902	-6.470	-7.411	-7.701	-7.454
5711	57.10	-6.877	-6.194	-5.569	-5.074	-4.688	-4.340	-3.968	-3.548	-3.104	-2.677
5721	57.20	-2.290	-1.919	-1.507	-0.987	-0.339	0.387	1.073	1.576	1.790	1.697
5731	57.30	1.384	1.014	0.756	0.720	0.911	1.233	1.538	1.696	1.652	1.442
5741	57.40	1.170	0.945	0.822	0.781	0.734	0.594	0.312	-0.062	-0.397	-0.533
5751	57.50	-0.351	0.169	0.930	1.745	2.414	2.790	2.826	2.579	2.169	1.717
5761	57.60	1.295	0.911	0.524	0.085	-0.423	-0.967	-1.476	-1.870	-2.100	-2.162
5771	57.70	-2.100	-1.981	-1.872	-1.825	-1.871	-2.033	-2.328	-2.764	-3.322	-3.940
5781	57.80	-4.506	-4.884	-4.951	-4.648	-4.006	-3.144	-2.225	-1.394	-0.723	-0.195
5791	57.90	0.276	0.786	1.380	2.023	2.618	3.058	3.300	3.407	3.543	3.913
5801	58.00	4.674	5.850	7.306	8.780	9.970	10.644	10.721	10.293	9.589	8.881
5811	58.10	8.390	8.219	8.335	8.600	8.837	8.898	8.704	8.260	7.636	6.934
5821	58.20	6.252	5.663	5.207	4.893	4.710	4.631	4.625	4.661	4.714	4.768
5831	58.30	4.815	4.853	4.876	4.868	4.799	4.625	4.308	3.822	3.178	2.419
5841	58.40	1.624	0.885	0.284	-0.129	-0.349	-0.425	-0.440	-0.497	-0.689	-1.086
5851	58.50	-1.717	-2.576	-3.630	-4.830	-6.119	-7.434	-8.696	-9.808	-10.648	-11.094
5861	58.60	-11.038	-10.429	-9.288	-7.720	-5.869	-3.983	-2.168	-0.561	0.779	1.833
5871	58.70	2.587	3.010	3.052	2.661	1.828	0.617	-0.826	-2.301	-3.609	-4.611
5881	58.80	-5.266	-5.626	-5.801	-5.891	-5.944	-5.937	-5.805	-5.488	-4.988	-4.383
5891	58.90	-3.810	-3.410	-3.266	-3.367	-3.616	-3.876	-4.032	-4.041	-3.939	-3.812
5901	59.00	-3.743	-3.763	-3.832	-3.867	-3.787	-3.566	-3.247	-2.934	-2.735	-2.716
5911	59.10	-2.867	-3.109	-3.336	-3.461	-3.460	-3.369	-3.267	-3.222	-3.266	-3.376
5921	59.20	-3.497	-3.571	-3.571	-3.507	-3.416	-3.332	-3.270	-3.208	-3.109	-2.937
5931	59.30	-2.680	-2.359	-2.012	-1.687	-1.421	-1.238	-1.161	-1.214	-1.421	-1.793
5941	59.40	-2.302	-2.873	-3.384	-3.707	-3.749	-3.498	-3.024	-2.460	-1.945	-1.560
5951	59.50	-1.297	-1.068	-0.745	-0.231	0.498	1.374	2.271	3.057	3.647	4.033
5961	59.60	4.268	4.428	4.573	4.713	4.820	4.847	4.768	4.594	4.370	4.151
5971	59.70	3.975	3.846	3.737	3.605	3.417	3.159	2.836	2.460	2.044	1.598
5981	59.80	1.150	0.754	0.496	0.473	0.758	1.355	2.184	3.085	3.866	4.364
5991	59.90	4.497	4.292	3.872	3.411	3.078	2.993	3.202	3.678	4.329	5.025

Table 7-36-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	5.615	5.946	5.887	5.362	4.374	3.025	1.497	0.015	-1.217	-2.067
6011	60.10	-2.509	-2.612	-2.496	-2.276	-2.018	-1.728	-1.376	-0.936	-0.425	0.092
6021	60.20	0.526	0.804	0.912	0.903	0.877	0.933	1.121	1.414	1.720	1.912
6031	60.30	1.882	1.579	1.020	0.283	-0.527	-1.306	-1.970	-2.462	-2.753	-2.836
6041	60.40	-2.726	-2.465	-2.117	-1.757	-1.450	-1.233	-1.098	-1.000	-0.869	-0.645
6051	60.50	-0.297	0.162	0.676	1.166	1.547	1.751	1.736	1.496	1.068	0.525
6061	60.60	-0.030	-0.483	-0.739	-0.751	-0.547	-0.221	0.092	0.268	0.244	0.044
6071	60.70	-0.229	-0.438	-0.481	-0.335	-0.077	0.152	0.206	0.003	-0.439	-1.007
6081	60.80	-1.541	-1.899	-2.012	-1.894	-1.621	-1.280	-0.923	-0.549	-0.124	0.376
6091	60.90	0.929	1.456	1.845	2.005	1.922	1.680	1.448	1.417	1.725	2.403
6101	61.00	3.355	4.391	5.298	5.907	6.142	6.023	5.638	5.090	4.449	3.740
6111	61.10	2.950	2.066	1.108	0.145	-0.708	-1.328	-1.619	-1.547	-1.144	-0.499
6121	61.20	0.272	1.061	1.791	2.423	2.955	3.403	3.792	4.141	4.458	4.743
6131	61.30	4.987	5.175	5.291	5.326	5.278	5.158	4.990	4.794	4.579	4.329
6141	61.40	3.998	3.523	2.846	1.945	0.849	-0.355	-1.545	-2.602	-3.450	-4.080
6151	61.50	-4.549	-4.951	-5.366	-5.824	-6.282	-6.638	-6.776	-6.614	-6.147	-5.456
6161	61.60	-4.685	-3.991	-3.495	-3.243	-3.207	-3.303	-3.434	-3.527	-3.554	-3.524
6171	61.70	-3.471	-3.422	-3.386	-3.353	-3.307	-3.240	-3.164	-3.108	-3.105	-3.175
6181	61.80	-3.316	-3.505	-3.714	-3.921	-4.120	-4.320	-4.525	-4.714	-4.832	-4.792
6191	61.90	-4.502	-3.900	-2.987	-1.843	-0.618	0.509	1.379	1.902	2.080	1.999
6201	62.00	1.793	1.592	1.471	1.430	1.399	1.277	0.975	0.469	-0.192	-0.892
6211	62.10	-1.496	-1.895	-2.052	-2.018	-1.907	-1.859	-1.984	-2.317	-2.809	-3.337
6221	62.20	-3.754	-3.929	-3.795	-3.357	-2.682	-1.868	-1.005	-0.151	0.676	1.486
6231	62.30	2.289	3.075	3.305	4.413	4.832	5.016	4.959	4.700	4.310	3.874
6241	62.40	3.466	3.138	2.907	2.767	2.691	2.644	2.591	2.492	2.311	2.015
6251	62.50	1.583	1.016	0.341	-0.389	-1.101	-1.721	-2.191	-2.484	-2.612	-2.620
6261	62.60	-2.571	-2.524	-2.516	-2.549	-2.590	-2.583	-2.470	-2.217	-1.833	-1.373
6271	62.70	-0.929	-0.604	-0.485	-0.613	-0.971	-1.494	-2.090	-2.671	-3.179	-3.595
6281	62.80	-3.928	-4.197	-4.410	-4.552	-4.587	-4.484	-4.231	-3.856	-3.414	-2.977
6291	62.90	-2.601	-2.311	-2.093	-1.910	-1.720	-1.499	-1.248	-0.983	-0.726	-0.488
6301	63.00	-0.261	-0.030	0.217	0.479	0.741	0.985	1.203	1.403	1.611	1.849
6311	63.10	2.126	2.428	2.727	3.004	3.262	3.532	3.857	4.259	4.711	5.126
6321	63.20	5.383	5.374	5.055	4.474	3.769	3.112	2.652	2.460	2.510	2.715
6331	63.30	2.976	3.236	3.499	3.807	4.192	4.620	4.978	5.101	4.846	4.159
6341	63.40	3.127	1.961	0.934	0.289	0.155	0.525	1.267	2.197	3.145	4.002
6351	63.50	4.725	5.305	5.730	5.957	5.920	5.567	4.895	3.977	2.953	1.989
6361	63.60	1.223	0.726	0.489	0.437	0.470	0.501	0.475	0.372	0.192	-0.063
6371	63.70	-0.398	-0.824	-1.340	-1.922	-2.518	-3.055	-3.455	-3.653	-3.614	-3.337
6381	63.80	-2.850	-2.206	-1.472	-0.712	0.015	0.675	1.259	1.786	2.292	2.815
6391	63.90	3.377	3.966	4.537	5.015	5.319	5.372	5.121	4.538	3.620	2.389
6401	64.00	0.892	-0.786	-2.526	-4.172	-5.559	-6.543	-7.038	-7.042	-6.642	-5.991
6411	64.10	-5.270	-4.641	-4.216	-4.037	-4.078	-4.264	-4.490	-4.635	-4.588	-4.256
6421	64.20	-3.592	-2.608	-1.387	-0.070	1.173	2.185	2.871	3.215	3.280	3.180
6431	64.30	3.034	2.932	2.923	3.025	3.243	3.579	4.024	4.526	4.963	5.141
6441	64.40	4.828	3.840	2.124	-0.176	-2.731	-5.098	-6.861	-7.765	-7.792	-7.159
6451	64.50	-6.218	-5.313	-4.651	-4.241	-3.925	-3.482	-2.754	-1.727	-0.547	0.554
6461	64.60	1.362	1.777	1.842	1.707	1.540	1.438	1.382	1.256	0.923	0.314
6471	64.70	-0.515	-1.394	-2.096	-2.438	-2.353	-1.915	-1.304	-0.729	-0.337	-0.173
6481	64.80	-0.171	-0.206	-0.157	0.042	0.380	0.784	1.154	1.397	1.453	1.292
6491	64.90	0.911	0.324	-0.434	-1.299	-2.177	-2.953	-3.519	-3.809	-3.827	-3.649

Table 7-36-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-3.403	-3.218	-3.180	-3.304	-3.529	-3.757	-3.896	-3.900	-3.789	-3.633
6511	65.10	-3.526	-3.543	-3.715	-4.023	-4.410	-4.804	-5.142	-5.375	-5.475	-5.425
6521	65.20	-5.213	-4.835	-4.298	-3.629	-2.874	-2.093	-1.344	-0.664	-0.066	0.471
6531	65.30	0.983	1.512	2.079	2.686	3.309	3.913	4.465	4.943	5.337	5.639
6541	65.40	5.830	5.874	5.715	5.299	4.596	3.627	2.480	1.297	0.248	-0.511
6551	65.50	-0.884	-0.854	-0.482	0.119	0.823	1.526	2.167	2.717	3.168	3.509
6561	65.60	3.718	3.775	3.680	3.468	3.216	3.017	2.945	3.025	3.209	3.393
6571	65.70	3.452	3.283	2.844	2.164	1.328	0.443	-0.395	-1.121	-1.707	-2.149
6581	65.80	-2.456	-2.647	-2.746	-2.791	-2.826	-2.886	-2.979	-3.074	-3.098	-2.967
6591	65.90	-2.620	-2.054	-1.333	-0.570	0.119	0.652	1.014	1.250	1.433	1.617
6601	66.00	1.817	2.004	2.132	2.176	2.154	2.125	2.161	2.310	2.571	2.897
6611	66.10	3.224	3.506	3.730	3.912	4.065	4.167	4.150	3.929	3.449	2.738
6621	66.20	1.927	1.210	0.780	0.743	1.074	1.628	2.210	2.668	2.961	3.169
6631	66.30	3.439	3.894	4.551	5.294	5.912	6.194	6.016	5.389	4.449	3.381
6641	66.40	2.346	1.420	0.599	-0.155	-0.855	-1.456	-1.870	-2.011	-1.862	-1.497
6651	66.50	-1.059	-0.693	-0.480	-0.396	-0.336	-0.184	0.109	0.483	0.779	0.818
6661	66.60	0.491	-0.184	-1.059	-1.927	-2.614	-3.055	-3.317	-3.547	-3.885	-4.388
6671	66.70	-4.992	-5.551	-5.907	-5.976	-5.780	-5.441	-5.111	-4.908	-4.872	-4.960
6681	66.80	-5.090	-5.188	-5.213	-5.158	-5.017	-4.757	-4.314	-3.619	-2.652	-1.476
6691	66.90	-0.245	0.840	1.601	1.955	1.941	1.705	1.433	1.280	1.315	1.517
6701	67.00	1.808	2.109	2.374	2.603	2.814	3.005	3.128	3.093	2.811	2.236
6711	67.10	1.406	0.440	-0.500	-1.262	-1.759	-1.991	-2.026	-1.965	-1.895	-1.857
6721	67.20	-1.846	-1.831	-1.784	-1.702	-1.606	-1.531	-1.502	-1.523	-1.572	-1.618
6731	67.30	-1.632	-1.607	-1.555	-1.502	-1.471	-1.470	-1.493	-1.519	-1.528	-1.508
6741	67.40	-1.469	-1.429	-1.414	-1.432	-1.471	-1.489	-1.424	-1.210	-0.807	-0.221
6751	67.50	0.485	1.197	1.776	2.090	2.059	1.670	0.984	0.117	-0.796	-1.635
6761	67.60	-2.319	-2.817	-3.141	-3.331	-3.440	-3.520	-3.618	-3.769	-3.987	-4.262
6771	67.70	-4.557	-4.811	-4.954	-4.928	-4.698	-4.264	-3.645	-2.871	-1.967	-0.950
6781	67.80	0.155	1.297	2.391	3.318	3.961	4.251	4.198	3.909	3.555	3.316
6791	67.90	3.315	3.574	4.006	4.453	4.751	4.789	4.551	4.110	3.592	3.130
6801	68.00	2.821	2.706	2.774	2.981	3.269	3.579	3.861	4.071	4.183	4.192
6811	68.10	4.123	4.019	3.931	3.886	3.877	3.857	3.768	3.565	3.252	2.881
6821	68.20	2.531	2.267	2.102	1.980	1.796	1.444	0.869	0.091	-0.798	-1.678
6831	68.30	-2.459	-3.115	-3.691	-4.269	-4.917	-5.640	-6.373	-6.998	-7.394	-7.478
6841	68.40	-7.235	-6.704	-5.952	-5.040	-4.005	-2.860	-1.618	-0.306	1.023	2.302
6851	68.50	3.462	4.447	5.214	5.723	5.930	5.787	5.264	4.375	3.200	1.886
6861	68.60	0.611	-0.466	-1.245	-1.713	-1.919	-1.933	-1.795	-1.499	-1.000	-0.267
6871	68.70	0.674	1.710	2.670	3.381	3.737	3.751	3.544	3.297	3.172	3.250
6881	68.80	3.505	3.842	4.155	4.393	4.580	4.797	5.129	5.603	6.162	6.681
6891	68.90	7.018	7.069	6.805	6.266	5.522	4.627	3.588	2.374	0.951	-0.672
6901	69.00	-2.421	-4.170	-5.788	-7.193	-8.387	-9.440	-10.436	-11.406	-12.269	-12.829
6911	69.10	-12.822	-12.012	-10.277	-7.679	-4.461	-1.000	2.281	5.009	6.925	7.915
6921	69.20	7.998	7.296	5.994	4.310	2.469	0.685	-0.855	-2.015	-2.723	-2.981
6931	69.30	-2.857	-2.466	-1.940	-1.405	-0.959	-0.670	-0.580	-0.708	-1.054	-1.588
6941	69.40	-2.243	-2.909	-3.443	-3.696	-3.551	-2.963	-1.981	-0.749	0.532	1.651
6951	69.50	2.445	2.847	2.890	2.696	2.420	2.204	2.126	2.182	2.301	2.377
6961	69.60	2.310	2.044	1.581	0.970	0.287	-0.394	-1.020	-1.559	-1.999	-2.328
6971	69.70	-2.526	-2.572	-2.453	-2.181	-1.808	-1.425	-1.140	-1.054	-1.224	-1.645
6981	69.80	-2.240	-2.884	-3.432	-3.759	-3.793	-3.531	-3.034	-2.406	-1.763	-1.203
6991	69.90	-0.791	-0.553	-0.485	-0.569	-0.780	-1.094	-1.476	-1.874	-2.215	-2.414

Table 7-36-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-2.390	-2.098	-1.546	-0.805	0.008	0.759	1.335	1.678	1.786	1.709
7011	70.10	1.517	1.269	1.000	0.713	0.400	0.053	-0.313	-0.671	-0.987	-1.239
7021	70.20	-1.431	-1.584	-1.726	-1.873	-2.011	-2.104	-2.107	-1.993	-1.769	-1.482
7031	70.30	-1.209	-1.025	-0.980	-1.078	-1.282	-1.523	-1.727	-1.837	-1.824	-1.689
7041	70.40	-1.459	-1.170	-0.860	-0.557	-0.279	-0.032	0.185	0.378	0.549	0.691
7051	70.50	0.795	0.848	0.854	0.837	0.850	0.965	1.251	1.749	2.449	3.287
7061	70.60	4.169	4.958	5.598	6.045	6.312	6.435	6.444	6.337	6.079	5.623
7071	70.70	4.942	4.061	3.061	2.065	1.190	0.515	0.046	-0.266	-0.505	-0.738
7081	70.80	-0.987	-1.223	-1.379	-1.397	-1.257	-0.999	-0.711	-0.499	-0.443	-0.574
7091	70.90	-0.852	-1.189	-1.474	-1.614	-1.561	-1.326	-0.969	-0.581	-0.244	-0.010
7101	71.00	0.123	0.204	0.309	0.505	0.813	1.198	1.569	1.814	1.846	1.646
7111	71.10	1.275	0.860	0.547	0.446	0.594	0.946	1.403	1.859	2.244	2.547
7121	71.20	2.801	3.049	3.310	3.554	3.720	3.742	3.586	3.269	2.849	2.398
7131	71.30	1.968	1.573	1.193	0.802	0.393	-0.008	-0.357	-0.610	-0.758	-0.830
7141	71.40	-0.878	-0.947	-1.044	-1.139	-1.183	-1.143	-1.039	-0.939	-0.931	-1.074
7151	71.50	-1.360	-1.708	-2.001	-2.145	-2.119	-1.982	-1.841	-1.778	-1.794	-1.798
7161	71.60	-1.647	-1.242	-0.600	0.107	0.609	0.642	0.074	-1.017	-2.357	-3.576
7171	71.70	-4.362	-4.577	-4.312	-3.820	-3.397	-3.237	-3.350	-3.573	-3.662	-3.421
7181	71.80	-2.796	-1.895	-0.925	-0.083	0.539	0.993	1.433	2.023	2.836	3.811
7191	71.90	4.765	5.474	5.770	5.606	5.066	4.312	3.509	2.761	2.087	1.450
7201	72.00	0.811	0.175	-0.398	-0.818	-1.020	-1.010	-0.874	-0.746	-0.747	-0.924
7211	72.10	-1.229	-1.535	-1.705	-1.650	-1.382	-1.000	-0.645	-0.427	-0.367	-0.388
7221	72.20	-0.348	-0.108	0.394	1.108	1.887	2.541	2.911	2.923	2.604	2.055
7231	72.30	1.399	0.728	0.084	-0.535	-1.140	-1.722	-2.235	-2.615	-2.812	-2.824
7241	72.40	-2.701	-2.531	-2.400	-2.351	-2.375	-2.419	-2.431	-2.395	-2.344	-2.351
7251	72.50	-2.481	-2.754	-3.121	-3.480	-3.719	-3.764	-3.611	-3.320	-2.974	-2.627
7261	72.60	-2.279	-1.871	-1.333	-0.633	0.179	0.978	1.604	1.926	1.904	1.608
7271	72.70	1.185	0.799	0.560	0.490	0.521	0.546	0.476	0.287	0.032	-0.188
7281	72.80	-0.272	-0.162	0.131	0.560	0.973	1.345	1.607	1.754	1.805	1.796
7291	72.90	1.755	1.703	1.647	1.587	1.515	1.417	1.279	1.089	0.852	0.595
7301	73.00	0.366	0.224	0.213	0.348	0.605	0.922	1.226	1.452	1.564	1.559
7311	73.10	1.458	1.287	1.068	0.813	0.527	0.220	-0.093	-0.391	-0.659	-0.893
7321	73.20	-1.096	-1.274	-1.420	-1.511	-1.514	-1.398	-1.161	-0.834	-0.479	-0.165
7331	73.30	0.055	0.168	0.195	0.179	0.155	0.136	0.107	0.049	-0.043	-0.143
7341	73.40	-0.200	-0.156	0.021	0.323	0.700	1.092	1.455	1.783	2.104	2.451
7351	73.50	2.832	3.205	3.490	3.599	3.485	3.168	2.734	2.302	1.967	1.766
7361	73.60	1.666	1.588	1.459	1.255	1.010	0.800	0.700	0.737	0.883	1.065
7371	73.70	1.213	1.294	1.328	1.366	1.443	1.541	1.576	1.428	1.000	0.275
7381	73.80	-0.654	-1.607	-2.377	-2.810	-2.860	-2.600	-2.188	-1.799	-1.557	-1.504
7391	73.90	-1.596	-1.749	-1.876	-1.928	-1.898	-1.816	-1.720	-1.643	-1.610	-1.639
7401	74.00	-1.744	-1.935	-2.206	-2.516	-2.799	-2.971	-2.967	-2.770	-2.425	-2.028
7411	74.10	-1.690	-1.486	-1.427	-1.452	-1.460	-1.353	-1.086	-0.687	-0.241	0.145
7421	74.20	0.389	0.468	0.422	0.327	0.280	0.266	0.346	0.469	0.594	0.696
7431	74.30	0.774	0.843	0.914	0.974	0.988	0.908	0.698	0.361	-0.057	-0.481
7441	74.40	-0.829	-1.049	-1.132	-1.115	-1.056	-1.009	-0.997	-1.005	-0.993	-0.918
7451	74.50	-0.758	-0.525	-0.259	-0.014	0.164	0.256	0.273	0.247	0.217	0.218
7461	74.60	0.265	0.357	0.478	0.596	0.676	0.681	0.579	0.356	0.025	-0.368
7471	74.70	-0.755	-1.059	-1.222	-1.232	-1.123	-0.971	-0.856	-0.829	-0.884	-0.960
7481	74.80	-0.962	-0.809	-0.475	-0.003	0.501	0.912	1.135	1.142	0.978	0.736
7491	74.90	0.515	0.373	0.308	0.270	0.190	0.023	-0.228	-0.516	-0.774	-0.944

Table 7-36-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-1.007	-0.987	-0.927	-0.872	-0.841	-0.826	-0.809	-0.782	-0.763	-0.784
7511	75.10	-0.882	-1.058	-1.273	-1.447	-1.492	-1.347	-1.008	-0.528	0.004	0.506
7521	75.20	0.934	1.292	1.622	1.964	2.322	2.657	2.903	2.999	2.931	2.748
7531	75.30	2.542	2.406	2.394	2.484	2.597	2.633	2.525	2.283	1.990	1.775
7541	75.40	1.746	1.942	2.308	2.719	3.033	3.151	3.059	2.822	2.554	2.355
7551	75.50	2.268	2.267	2.275	2.212	2.038	1.775	1.495	1.283	1.195	1.237
7561	75.60	1.359	1.483	1.540	1.490	1.336	1.108	0.841	0.563	0.287	0.019
7571	75.70	-0.228	-0.432	-0.567	-0.622	-0.609	-0.569	-0.556	-0.606	-0.725	-0.877
7581	75.80	-1.008	-1.073	-1.064	-1.025	-1.025	-1.130	-1.356	-1.658	-1.941	-2.102
7591	75.90	-2.081	-1.890	-1.610	-1.354	-1.208	-1.191	-1.240	-1.248	-1.113	-0.800
7601	76.00	-0.358	0.092	0.413	0.512	0.382	0.100	-0.209	-0.429	-0.503	-0.446
7611	76.10	-0.329	-0.236	-0.220	-0.287	-0.395	-0.491	-0.537	-0.533	-0.509	-0.508
7621	76.20	-0.555	-0.650	-0.768	-0.876	-0.951	-0.993	-1.018	-1.049	-1.097	-1.162
7631	76.30	-1.234	-1.303	-1.368	-1.436	-1.507	-1.573	-1.609	-1.587	-1.493	-1.339
7641	76.40	-1.164	-1.018	-0.937	-0.920	-0.933	-0.923	-0.854	-0.725	-0.581	-0.481
7651	76.50	-0.465	-0.516	-0.557	-0.480	-0.196	0.314	0.981	1.667	2.229	2.576
7661	76.60	2.709	2.716	2.718	2.808	3.001	3.226	3.369	3.333	3.092	2.701
7671	76.70	2.270	1.903	1.642	1.451	1.239	0.913	0.437	-0.146	-0.730	-1.199
7681	76.80	-1.476	-1.560	-1.513	-1.422	-1.351	-1.313	-1.278	-1.212	-1.110	-1.020
7691	76.90	-1.025	-1.202	-1.578	-2.099	-2.653	-3.111	-3.383	-3.449	-3.360	-3.202
7701	77.00	-3.046	-2.919	-2.801	-2.658	-2.479	-2.298	-2.188	-2.220	-2.418	-2.733
7711	77.10	-3.048	-3.226	-3.171	-2.866	-2.382	-1.845	-1.379	-1.052	-0.855	-0.724
7721	77.20	-0.580	-0.379	-0.133	0.096	0.235	0.240	0.118	-0.074	-0.261	-0.387
7731	77.30	-0.438	-0.451	-0.483	-0.587	-0.777	-1.020	-1.247	-1.377	-1.346	-1.125
7741	77.40	-0.734	-0.227	0.316	0.814	1.204	1.458	1.592	1.655	1.716	1.828
7751	77.50	2.002	2.194	2.312	2.250	1.937	1.376	0.657	-0.067	-0.631	-0.922
7761	77.60	-0.921	-0.705	-0.407	-0.161	-0.046	-0.059	-0.139	-0.206	-0.211	-0.163
7771	77.70	-0.117	-0.130	-0.217	-0.330	-0.367	-0.225	0.150	0.720	1.363	1.916
7781	77.80	2.244	2.292	2.110	1.825	1.587	1.504	1.604	1.832	2.086	2.263
7791	77.90	2.301	2.196	1.987	1.730	1.474	1.239	1.031	0.848	0.697	0.595
7801	78.00	0.560	0.599	0.696	0.815	0.913	0.961	0.950	0.901	0.846	0.817
7811	78.10	0.829	0.873	0.926	0.962	0.965	0.935	0.891	0.858	0.863	0.923
7821	78.20	1.042	1.210	1.405	1.603	1.780	1.923	2.034	2.129	2.230	2.356
7831	78.30	2.510	2.667	2.787	2.824	2.752	2.581	2.360	2.162	2.051	2.059
7841	78.40	2.159	2.277	2.323	2.224	1.963	1.584	1.182	0.859	0.688	0.685
7851	78.50	0.807	0.978	1.119	1.183	1.165	1.095	1.019	0.976	0.977	1.009
7861	78.60	1.041	1.041	0.982	0.855	0.663	0.424	0.161	-0.101	-0.338	-0.544
7871	78.70	-0.728	-0.917	-1.149	-1.452	-1.826	-2.235	-2.616	-2.902	-3.053	-3.082
7881	78.80	-3.051	-3.047	-3.139	-3.344	-3.613	-3.848	-3.954	-3.885	-3.668	-3.392
7891	78.90	-3.164	-3.044	-3.012	-2.969	-2.781	-2.357	-1.698	-0.917	-0.201	0.266
7901	79.00	0.378	0.153	-0.280	-0.742	-1.086	-1.252	-1.282	-1.286	-1.373	-1.589
7911	79.10	-1.899	-2.197	-2.369	-2.339	-2.103	-1.725	-1.294	-0.887	-0.529	-0.204
7921	79.20	0.128	0.493	0.885	1.264	1.581	1.802	1.929	1.987	2.010	2.013
7931	79.30	1.981	1.876	1.662	1.328	0.906	0.462	0.067	-0.230	-0.423	-0.546
7941	79.40	-0.657	-0.809	-1.031	-1.318	-1.644	-1.972	-2.270	-2.512	-2.672	-2.721
7951	79.50	-2.624	-2.355	-1.910	-1.325	-0.670	-0.038	0.486	0.851	1.057	1.146
7961	79.60	1.182	1.217	1.269	1.317	1.315	1.213	0.991	0.666	0.293	-0.061
7971	79.70	-0.336	-0.509	-0.599	-0.658	-0.753	-0.930	-1.202	-1.529	-1.838	-2.037
7981	79.80	-2.047	-1.833	-1.412	-0.853	-0.256	0.280	0.682	0.924	1.024	1.036
7991	79.90	1.020	1.026	1.073	1.157	1.253	1.331	1.366	1.345	1.268	1.143

Table 7−36−17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	0.985	0.819	0.672	0.571	0.538	0.578	0.675	0.791	0.879	0.897
8011	80.10	0.825	0.668	0.455	0.226	0.013	-0.172	-0.331	-0.480	-0.631	-0.785
8021	80.20	-0.935	-1.071	-1.190	-1.305	-1.437	-1.603	-1.806	-2.025	-2.222	-2.353
8031	80.30	-2.388	-2.321	-2.175	-1.985	-1.791	-1.621	-1.486	-1.383	-1.305	-1.244
8041	80.40	-1.194	-1.149	-1.098	-1.028	-0.926	-0.789	-0.625	-0.449	-0.273	-0.098
8051	80.50	0.094	0.323	0.601	0.910	1.199	1.394	1.432	1.283	0.977	0.592
8061	80.60	0.224	-0.051	-0.213	-0.300	-0.389	-0.547	-0.794	-1.078	-1.297	-1.337
8071	80.70	-1.122	-0.658	-0.026	0.642	1.213	1.605	1.805	1.862	1.855	1.853
8081	80.80	1.887	1.947	1.996	2.002	1.956	1.883	1.828	1.836	1.932	2.108
8091	80.90	2.327	2.533	2.667	2.681	2.548	2.265	1.853	1.358	0.841	0.371
8101	81.00	0.012	-0.195	-0.243	-0.158	0.005	0.188	0.341	0.446	0.512	0.575
8111	81.10	0.673	0.835	1.063	1.336	1.616	1.863	2.052	2.177	2.257	2.328
8121	81.20	2.430	2.594	2.831	3.122	3.419	3.656	3.766	3.703	3.651	3.039
8131	81.30	2.526	1.984	1.478	1.045	0.690	0.398	0.146	-0.073	-0.247	-0.349
8141	81.40	-0.355	-0.260	-0.090	0.106	0.273	0.378	0.419	0.431	0.461	0.551
8151	81.50	0.707	0.900	1.078	1.191	1.216	1.168	1.089	1.024	0.994	0.977
8161	81.60	0.919	0.754	0.438	-0.023	-0.577	-1.144	-1.651	-2.062	-2.389	-2.680
8171	81.70	-2.986	-3.329	-3.687	-4.002	-4.215	-4.297	-4.278	-4.240	-4.279	-4.466
8181	81.80	-4.802	-5.212	-5.570	-5.746	-5.658	-5.303	-4.755	-4.131	-3.537	-3.037
8191	81.90	-2.632	-2.282	-1.942	-1.595	-1.269	-1.023	-0.913	-0.963	-1.139	-1.364
8201	82.00	-1.549	-1.629	-1.593	-1.480	-1.361	-1.296	-1.309	-1.379	-1.452	-1.479
8211	82.10	-1.436	-1.346	-1.259	-1.229	-1.279	-1.387	-1.485	-1.488	-1.328	-0.973
8221	82.20	-0.448	0.186	0.849	1.471	2.007	2.443	2.787	3.060	3.283	3.474
8231	82.30	3.642	3.795	3.932	4.044	4.113	4.112	4.015	3.805	3.478	3.050
8241	82.40	2.549	2.004	1.441	0.876	0.326	-0.192	-0.649	-1.010	-1.244	-1.341
8251	82.50	-1.320	-1.230	-1.135	-1.087	-1.103	-1.158	-1.190	-1.129	-0.927	-0.586
8261	82.60	-0.159	0.270	0.619	0.845	0.961	1.031	1.136	1.335	1.632	1.970
8271	82.70	2.253	2.391	2.340	2.128	1.852	1.634	1.577	1.720	2.021	2.378
8281	82.80	2.669	2.797	2.723	2.465	2.078	1.614	1.099	0.527	-0.118	-0.831
8291	82.90	-1.564	-2.229	-2.728	-2.999	-3.047	-2.953	-2.840	-2.815	-2.915	-3.082
8301	83.00	-3.182	-3.064	-2.635	-1.911	-1.019	-0.154	0.501	0.846	0.894	0.756
8311	83.10	0.575	0.455	0.409	0.364	0.209	-0.132	-0.665	-1.213	-1.656	-1.806
8321	83.20	-1.583	-1.029	-0.300	0.402	0.905	1.127	1.100	0.934	0.763	0.685
8331	83.30	0.726	0.850	0.989	1.086	1.124	1.125	1.134	1.185	1.284	1.409
8341	83.40	1.530	1.629	1.719	1.831	1.993	2.206	2.427	2.578	2.575	2.367
8351	83.50	1.962	1.428	0.872	0.395	0.054	-0.157	-0.299	-0.456	-0.696	-1.036
8361	83.60	-1.440	-1.833	-2.136	-2.296	-2.307	-2.203	-2.035	-1.847	-1.652	-1.432
8371	83.70	-1.152	-0.786	-0.337	0.155	0.621	0.985	1.193	1.225	1.105	0.879
8381	83.80	0.601	0.305	-0.006	-0.357	-0.790	-1.334	-1.987	-2.701	-3.389	-3.937
8391	83.90	-4.231	-4.197	-3.814	-3.134	-2.270	-1.373	-0.596	-0.059	0.187	0.160
8401	84.00	-0.052	-0.332	-0.563	-0.665	-0.618	-0.456	-0.252	-0.082	0.003	-0.005
8411	84.10	-0.069	-0.125	-0.109	0.020	0.262	0.574	0.888	1.128	1.234	1.178
8421	84.20	0.966	0.634	0.235	-0.179	-0.569	-0.908	-1.188	-1.403	-1.542	-1.589
8431	84.30	-1.519	-1.306	-0.945	-0.455	0.109	0.668	1.133	1.438	1.554	1.508
8441	84.40	1.372	1.242	1.200	1.291	1.500	1.761	1.984	2.083	2.013	1.780
8451	84.50	1.439	1.069	0.739	0.484	0.293	0.123	-0.080	-0.346	-0.667	-0.994
8461	84.60	-1.251	-1.369	-1.315	-1.106	-0.804	-0.492	-0.240	-0.074	0.034	0.149
8471	84.70	0.342	0.651	1.052	1.460	1.758	1.847	1.686	1.324	0.886	0.534
8481	84.80	0.405	0.562	0.972	1.519	2.056	2.461	2.678	2.730	2.691	2.636
8491	84.90	2.598	2.547	2.405	2.083	1.541	0.812	0.002	-0.741	-1.284	-1.561

Table 7−36−18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-1.593	-1.476	-1.339	-1.287	-1.364	-1.538	-1.724	-1.821	-1.763	-1.539
8511	85.10	-1.199	-0.829	-0.516	-0.311	-0.213	-0.178	-0.137	-0.030	0.167	0.430
8521	85.20	0.697	0.890	0.946	0.838	0.589	0.261	-0.066	-0.325	-0.486	-0.557
8531	85.30	-0.586	-0.631	-0.737	-0.917	-1.149	-1.384	-1.565	-1.646	-1.605	-1.445
8541	85.40	-1.182	-0.845	-0.463	-0.071	0.294	0.589	0.775	0.833	0.776	0.650
8551	85.50	0.526	0.472	0.529	0.696	0.926	1.153	1.322	1.415	1.459	1.510
8561	85.60	1.621	1.809	2.044	2.254	2.358	2.306	2.095	1.773	1.413	1.076
8571	85.70	0.782	0.507	0.204	-0.165	-0.596	-1.038	-1.406	-1.624	-1.654	-1.524
8581	85.80	-1.313	-1.119	-1.025	-1.061	-1.202	-1.384	-1.536	-1.609	-1.593	-1.512
8591	85.90	-1.406	-1.306	-1.226	-1.161	-1.095	-1.017	-0.931	-0.847	-0.781	-0.734
8601	86.00	-0.699	-0.655	-0.588	-0.494	-0.391	-0.314	-0.297	-0.368	-0.528	-0.756
8611	86.10	-1.013	-1.252	-1.440	-1.559	-1.617	-1.644	-1.680	-1.772	-1.955	-2.251
8621	86.20	-2.654	-3.130	-3.621	-4.050	-4.335	-4.407	-4.222	-3.774	-3.095	-2.251
8631	86.30	-1.330	-0.419	0.405	1.092	1.618	1.982	2.195	2.273	2.229	2.074
8641	86.40	1.820	1.490	1.122	0.760	0.451	0.229	0.101	0.052	0.050	0.067
8651	86.50	0.089	0.129	0.216	0.380	0.629	0.940	1.259	1.524	1.693	1.761
8661	86.60	1.768	1.773	1.829	1.948	2.085	2.158	2.078	1.790	1.308	0.713
8671	86.70	0.130	-0.317	-0.552	-0.564	-0.405	-0.165	0.073	0.255	0.371	0.442
8681	86.80	0.500	0.564	0.638	0.710	0.768	0.812	0.854	0.910	0.992	1.094
8691	86.90	1.198	1.280	1.328	1.350	1.370	1.416	1.507	1.637	1.779	1.890
8701	87.00	1.932	1.882	1.743	1.534	1.286	1.026	0.776	0.550	0.355	0.197
8711	87.10	0.076	-0.017	-0.102	-0.203	-0.344	-0.527	-0.732	-0.912	-1.012	-0.985
8721	87.20	-0.818	-0.533	-0.184	0.168	0.473	0.715	0.907	1.082	1.266	1.462
8731	87.30	1.646	1.774	1.807	1.729	1.561	1.348	1.151	1.015	0.957	0.961
8741	87.40	0.992	1.010	0.989	0.926	0.833	0.726	0.609	0.469	0.278	0.016
8751	87.50	-0.318	-0.693	-1.051	-1.322	-1.452	-1.426	-1.278	-1.076	-0.900	-0.812
8761	87.60	-0.826	-0.909	-0.992	-1.004	-0.899	-0.684	-0.410	-0.157	0.002	0.027
8771	87.70	-0.075	-0.259	-0.461	-0.631	-0.747	-0.818	-0.873	-0.937	-1.023	-1.122
8781	87.80	-1.215	-1.286	-1.331	-1.358	-1.377	-1.390	-1.386	-1.346	-1.260	-1.146
8791	87.90	-1.049	-1.029	-1.134	-1.370	-1.682	-1.962	-2.087	-1.965	-1.573	-0.973
8801	88.00	-0.293	0.320	0.748	0.943	0.930	0.790	0.613	0.467	0.373	0.311
8811	88.10	0.244	0.147	0.016	-0.124	-0.240	-0.313	-0.343	-0.354	-0.381	-0.445
8821	88.20	-0.552	-0.686	-0.821	-0.942	-1.044	-1.143	-1.258	-1.400	-1.563	-1.723
8831	88.30	-1.842	-1.889	-1.845	-1.713	-1.514	-1.285	-1.064	-0.889	-0.793	-0.796
8841	88.40	-0.902	-1.095	-1.335	-1.566	-1.723	-1.754	-1.637	-1.384	-1.047	-0.692
8851	88.50	-0.384	-0.162	-0.027	0.053	0.126	0.239	0.416	0.648	0.902	1.132
8861	88.60	1.297	1.376	1.371	1.310	1.229	1.162	1.131	1.139	1.170	1.203
8871	88.70	1.211	1.179	1.107	1.007	0.900	0.808	0.745	0.711	0.692	0.669
8881	88.80	0.622	0.544	0.445	0.349	0.290	0.299	0.396	0.577	0.817	1.077
8891	88.90	1.315	1.497	1.615	1.684	1.742	1.831	1.980	2.189	2.418	2.601
8901	89.00	2.665	2.558	2.275	1.867	1.428	1.058	0.827	0.743	0.744	0.720
8911	89.10	0.560	0.196	-0.358	-1.010	-1.614	-2.024	-2.145	-1.961	-1.536	-0.986
8921	89.20	-0.431	0.038	0.383	0.615	0.767	0.874	0.955	1.009	1.026	0.998
8931	89.30	0.929	0.832	0.719	0.598	0.464	0.311	0.133	-0.062	-0.254	-0.419
8941	89.40	-0.535	-0.595	-0.601	-0.568	-0.508	-0.432	-0.348	-0.269	-0.216	-0.219
8951	89.50	-0.309	-0.503	-0.797	-1.159	-1.542	-1.895	-2.181	-2.383	-2.500	-2.537
8961	89.60	-2.501	-2.391	-2.210	-1.971	-1.706	-1.454	-1.251	-1.110	-1.014	-0.921
8971	89.70	-0.785	-0.585	-0.339	-0.101	0.060	0.094	-0.005	-0.197	-0.418	-0.608
8981	89.80	-0.741	-0.834	-0.923	-1.036	-1.158	-1.238	-1.206	-1.018	-0.696	-0.332
8991	89.90	-0.058	0.009	-0.175	-0.550	-0.969	-1.254	-1.269	-0.970	-0.419	0.252

Table 7-36-19

TABLE OF CORRECTED ACCELERATION RECORD

NO.19

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.903	1.446	1.868	2.217	2.560	2.928	3.296	3.588	3.719	3.638
9011	90.10	3.361	2.960	2.535	2.168	1.898	1.708	1.558	1.411	1.262	1.141
9021	90.20	1.090	1.138	1.276	1.460	1.628	1.729	1.749	1.711	1.664	1.651
9031	90.30	1.696	1.791	1.914	2.041	2.166	2.300	2.455	2.632	2.803	2.917
9041	90.40	2.919	2.778	2.499	2.131	1.765	1.408	1.155	0.984	0.859	0.734
9051	90.50	0.571	0.362	0.126	-0.104	-0.294	-0.423	-0.490	-0.511	-0.510	-0.510
9061	90.60	-0.535	-0.598	-0.713	-0.882	-1.103	-1.366	-1.656	-1.953	-2.241	-2.504
9071	90.70	-2.724	-2.881	-2.946	-2.892	-2.701	-2.378	-1.966	-1.537	-1.175	-0.953
9081	90.80	-0.902	-1.002	-1.185	-1.363	-1.466	-1.468	-1.394	-1.310	-1.289	-1.374
9091	90.90	-1.563	-1.804	-2.019	-2.139	-2.129	-2.001	-1.805	-1.601	-1.438	-1.332
9101	91.00	-1.267	-1.210	-1.129	-1.016	-0.890	-0.790	-0.760	-0.829	-1.002	-1.254
9111	91.10	-1.543	-1.819	-2.043	-2.187	-2.246	-2.225	-2.136	-1.993	-1.810	-1.598
9121	91.20	-1.374	-1.157	-0.979	-0.870	-0.861	-0.967	-1.180	-1.469	-1.778	-2.040
9131	91.30	-2.195	-2.205	-2.062	-1.797	-1.461	-1.117	-0.819	-0.595	-0.446	-0.347
9141	91.40	-0.263	-0.157	-0.009	0.185	0.412	0.648	0.865	1.037	1.146	1.176
9151	91.50	1.123	0.988	0.783	0.529	0.259	0.010	-0.184	-0.298	-0.323	-0.269
9161	91.60	-0.155	-0.004	0.163	0.334	0.505	0.676	0.845	1.003	1.137	1.231
9171	91.70	1.274	1.262	1.200	1.093	0.945	0.758	0.533	0.281	0.031	-0.163
9181	91.80	-0.239	-0.139	0.161	0.637	1.211	1.768	2.196	2.417	2.420	2.262
9191	91.90	2.046	1.880	1.841	1.942	2.141	2.356	2.512	2.565	2.520	2.424
9201	92.00	2.334	2.293	2.306	2.347	2.370	2.334	2.220	2.034	1.797	1.528
9211	92.10	1.231	0.898	0.521	0.109	-0.302	-0.651	-0.874	-0.924	-0.796	-0.529
9221	92.20	-0.194	0.134	0.404	0.601	0.744	0.869	1.003	1.146	1.267	1.319
9231	92.30	1.260	1.070	0.770	0.408	0.049	-0.247	-0.445	-0.539	-0.546	-0.497
9241	92.40	-0.426	-0.356	-0.299	-0.257	-0.228	-0.207	-0.193	-0.184	-0.179	-0.178
9251	92.50	-0.179	-0.178	-0.172	-0.158	-0.137	-0.112	-0.090	-0.077	-0.077	-0.087
9261	92.60	-0.098	-0.096	-0.074	-0.031	0.018	0.045	0.022	-0.071	-0.234	-0.442
9271	92.70	-0.656	-0.836	-0.961	-1.034	-1.083	-1.149	-1.264	-1.434	-1.633	-1.814
9281	92.80	-1.925	-1.928	-1.819	-1.621	-1.377	-1.133	-0.920	-0.750	-0.619	-0.513
9291	92.90	-0.419	-0.328	-0.233	-0.129	-0.005	0.146	0.321	0.504	0.666	0.770
9301	93.00	0.787	0.707	0.546	0.339	0.125	-0.064	-0.217	-0.338	-0.439	-0.528
9311	93.10	-0.603	-0.653	-0.666	-0.640	-0.588	-0.529	-0.483	-0.455	-0.439	-0.420
9321	93.20	-0.394	-0.375	-0.398	-0.501	-0.705	-0.991	-1.298	-1.542	-1.646	-1.575
9331	93.30	-1.351	-1.045	-0.742	-0.502	-0.332	-0.187	0.009	0.314	0.737	1.222
9341	93.40	1.673	1.993	2.123	2.074	1.915	1.739	1.624	1.600	1.642	1.694
9351	93.50	1.702	1.640	1.522	1.390	1.284	1.223	1.191	1.156	1.084	0.968
9361	93.60	0.832	0.722	0.684	0.746	0.907	1.144	1.426	1.728	2.039	2.347
9371	93.70	2.635	2.870	3.012	3.025	2.906	2.684	2.418	2.171	1.974	1.814
9381	93.80	1.638	1.376	0.984	0.474	-0.084	-0.585	-0.930	-1.071	-1.033	-0.897
9391	93.90	-0.768	-0.727	-0.804	-0.968	-1.155	-1.307	-1.396	-1.440	-1.480	-1.558
9401	94.00	-1.681	-1.817	-1.906	-1.892	-1.752	-1.508	-1.226	-0.984	-0.846	-0.833
9411	94.10	-0.926	-1.076	-1.228	-1.345	-1.414	-1.447	-1.466	-1.491	-1.531	-1.584
9421	94.20	-1.642	-1.699	-1.750	-1.795	-1.835	-1.872	-1.907	-1.946	-1.992	-2.050
9431	94.30	-2.117	-2.185	-2.237	-2.255	-2.230	-2.164	-2.076	-1.990	-1.926	-1.892
9441	94.40	-1.879	-1.869	-1.844	-1.799	-1.742	-1.691	-1.659	-1.648	-1.644	-1.627
9451	94.50	-1.584	-1.515	-1.441	-1.386	-1.370	-1.386	-1.408	-1.401	-1.341	-1.234
9461	94.60	-1.116	-1.040	-1.044	-1.126	-1.236	-1.289	-1.198	-0.917	-0.466	0.069
9471	94.70	0.566	0.914	1.050	0.986	0.798	0.594	0.471	0.478	0.609	0.808
9481	94.80	1.002	1.129	1.156	1.088	0.954	0.795	0.645	0.523	0.432	0.363
9491	94.90	0.302	0.231	0.141	0.029	-0.095	-0.208	-0.280	-0.284	-0.203	-0.041

Table 7-36-20

TABLE OF CORRECTED ACCELERATION RECORD

NO.20

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	0.176	0.410	0.621	0.784	0.897	0.976	1.047	1.135	1.249	1.383
9511	95.10	1.523	1.654	1.774	1.888	2.005	2.129	2.249	2.345	2.394	2.385
9521	95.20	2.326	2.247	2.185	2.169	2.206	2.273	2.330	2.331	2.248	2.081
9531	95.30	1.859	1.630	1.437	1.307	1.233	1.189	1.132	1.030	0.873	0.680
9541	95.40	0.492	0.361	0.326	0.402	0.574	0.799	1.026	1.210	1.326	1.386
9551	95.50	1.415	1.452	1.531	1.661	1.823	1.980	2.086	2.101	2.010	1.821
9561	95.60	1.566	1.291	1.044	0.866	0.783	0.799	0.898	1.042	1.180	1.259
9571	95.70	1.240	1.112	0.898	0.649	0.433	0.306	0.292	0.377	0.512	0.639
9581	95.80	0.710	0.711	0.664	0.610	0.588	0.617	0.685	0.756	0.794	0.778
9591	95.90	0.711	0.618	0.527	0.455	0.397	0.335	0.250	0.139	0.019	-0.080
9601	96.00	-0.133	-0.137	-0.116	-0.115	-0.178	-0.329	-0.563	-0.850	-1.153	-1.440
9611	96.10	-1.700	-1.936	-2.147	-2.318	-2.416	-2.403	-2.257	-1.996	-1.683	-1.406
9621	96.20	-1.254	-1.274	-1.459	-1.743	-2.035	-2.249	-2.339	-2.303	-2.182	-2.030
9631	96.30	-1.894	-1.803	-1.765	-1.780	-1.848	-1.970	-2.142	-2.340	-2.521	-2.629
9641	96.40	-2.617	-2.465	-2.198	-1.873	-1.561	-1.322	-1.174	-1.100	-1.051	-0.979
9651	96.50	-0.855	-0.684	-0.491	-0.312	-0.166	-0.051	0.054	0.174	0.322	0.489
9661	96.60	0.649	0.766	0.818	0.800	0.732	0.646	0.575	0.544	0.557	0.604
9671	96.70	0.666	0.720	0.748	0.743	0.709	0.664	0.634	0.642	0.699	0.793
9681	96.80	0.886	0.920	0.840	0.612	0.243	-0.212	-0.665	-1.024	-1.222	-1.241
9691	96.90	-1.116	-0.918	-0.725	-0.597	-0.553	-0.577	-0.633	-0.683	-0.705	-0.695
9701	97.00	-0.664	-0.625	-0.586	-0.551	-0.525	-0.522	-0.566	-0.681	-0.876	-1.136
9711	97.10	-1.412	-1.639	-1.753	-1.716	-1.536	-1.260	-0.961	-0.712	-0.554	-0.491
9721	97.20	-0.486	-0.486	-0.442	-0.333	-0.167	0.019	0.183	0.292	0.338	0.336
9731	97.30	0.314	0.299	0.305	0.325	0.339	0.329	0.290	0.236	0.199	0.209
9741	97.40	0.277	0.385	0.483	0.506	0.399	0.140	-0.239	-0.666	-1.045	-1.292
9751	97.50	-1.366	-1.283	-1.103	-0.908	-0.765	-0.703	-0.703	-0.713	-0.675	-0.555
9761	97.60	-0.355	-0.114	0.112	0.271	0.338	0.316	0.234	0.123	0.010	-0.094
9771	97.70	-0.192	-0.287	-0.379	-0.457	-0.504	-0.505	-0.457	-0.366	-0.253	-0.138
9781	97.80	-0.040	0.034	0.085	0.122	0.157	0.199	0.251	0.314	0.383	0.451
9791	97.90	0.510	0.556	0.592	0.630	0.689	0.791	0.950	1.161	1.398	1.620
9801	98.00	1.783	1.861	1.850	1.778	1.688	1.622	1.604	1.626	1.662	1.679
9811	98.10	1.661	1.621	1.599	1.644	1.792	2.050	2.387	2.747	3.071	3.316
9821	98.20	3.470	3.545	3.568	3.559	3.521	3.441	3.301	3.092	2.825	2.528
9831	98.30	2.236	1.974	1.750	1.552	1.357	1.149	0.931	0.728	0.577	0.512
9841	98.40	0.546	0.663	0.822	0.969	1.057	1.058	0.972	0.821	0.640	0.463
9851	98.50	0.312	0.194	0.102	0.020	-0.068	-0.176	-0.305	-0.448	-0.585	-0.690
9861	98.60	-0.735	-0.701	-0.583	-0.395	-0.172	0.042	0.202	0.278	0.261	0.163
9871	98.70	0.016	-0.146	-0.294	-0.413	-0.502	-0.571	-0.633	-0.695	-0.761	-0.829
9881	98.80	-0.899	-0.972	-1.054	-1.147	-1.248	-1.344	-1.415	-1.436	-1.393	-1.284
9891	98.90	-1.124	-0.943	-0.773	-0.642	-0.560	-0.519	-0.496	-0.463	-0.399	-0.293
9901	99.00	-0.155	-0.009	0.113	0.179	0.167	0.071	-0.098	-0.315	-0.546	-0.759
9911	99.10	-0.931	-1.055	-1.138	-1.204	-1.276	-1.378	-1.516	-1.684	-1.860	-2.014
9921	99.20	-2.122	-2.169	-2.156	-2.097	-2.014	-1.930	-1.863	-1.819	-1.799	-1.795
9931	99.30	-1.798	-1.798	-1.790	-1.770	-1.742	-1.709	-1.679	-1.656	-1.662	-1.636
9941	99.40	-1.630	-1.620	-1.600	-1.570	-1.535	-1.504	-1.484	-1.476	-1.475	-1.472
9951	99.50	-1.456	-1.425	-1.383	-1.343	-1.318	-1.312	-1.322	-1.332	-1.322	-1.278
9961	99.60	-1.199	-1.097	-0.992	-0.903	-0.837	-0.788	-0.740	-0.678	-0.595	-0.500
9971	99.70	-0.411	-0.345	-0.305	-0.280	-0.245	-0.175	-0.059	0.094	0.259	0.411
9981	99.80	0.534	0.638	0.746	0.885	1.064	1.259	1.419	1.486	1.423	1.235
9991	99.90	0.974	0.719	0.539	0.466	0.469	0.474	0.392	0.167	-0.194	-0.620

Table 7−36−21

TABLE OF CORRECTED ACCELERATION RECORD NO.21

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10001	100.00	-1.001	-1.233	-1.266	-1.123	-0.889	-0.671	-0.551	-0.554	-0.638	-0.718
10011	100.10	-0.712	-0.573	-0.308	0.031	0.372	0.661	0.877	1.028	1.142	1.234
10021	100.20	1.302	1.330	1.299	1.214	1.106	1.020	1.000	1.059	1.172	1.284
10031	100.30	1.340	1.311	1.214	1.105	1.057	1.123	1.312	1.587	1.875	2.105
10041	100.40	2.231	2.249	2.189	2.095	2.008	1.950	1.926	1.941	2.000	2.121
10051	100.50	2.316	2.580	2.876	3.145	3.315	3.334	3.191	2.918	2.581	2.255
10061	100.60	1.990	1.804	1.676	1.567	1.445	1.294	1.124	0.956	0.811	0.696
10071	100.70	0.603	0.517	0.424	0.321	0.218	0.130	0.071	0.048	0.058	0.097
10081	100.80	0.158	0.233	0.309	0.371	0.401	0.387	0.331	0.258	0.207	0.218
10091	100.90	0.306	0.452	0.596	0.659	0.572	0.307	-0.105	-0.585	-1.034	-1.371
10101	101.00	-1.555	-1.599	-1.552	-1.469	-1.382	-1.294	-1.185	-1.033	-0.840	-0.637
10111	101.10	-0.475	-0.403	-0.441	-0.567	-0.727	-0.858	-0.915	-0.889	-0.810	-0.725
10121	101.20	-0.680	-0.695	-0.758	-0.836	-0.893	-0.907	-0.877	-0.826	-0.781	-0.763
10131	101.30	-0.777	-0.811	-0.844	-0.855	-0.833	-0.778	-0.707	-0.643	-0.618	-0.656
10141	101.40	-0.770	-0.955	-1.174	-1.371	-1.477	-1.435	-1.223	-0.874	-0.472	-0.132
10151	101.50	0.034	-0.036	-0.335	-0.782	-1.250	-1.609	-1.770	-1.720	-1.514	-1.255
10161	101.60	-1.046	-0.955	-0.992	-1.115	-1.251	-1.334	-1.327	-1.228	-1.062	-0.860
10171	101.70	-0.638	-0.396	-0.121	0.189	0.519	0.826	1.059	1.176	1.166	1.059
10181	101.80	0.914	0.794	0.744	0.768	0.835	0.898	0.918	0.887	0.828	0.785
10191	101.90	0.795	0.865	0.963	1.036	1.028	0.911	0.695	0.424	0.146	-0.102
10201	102.00	-0.316	-0.514	-0.717	-0.924	-1.100	-1.187	-1.129	-0.906	-0.553	-0.152
10211	102.10	0.196	0.414	0.479	0.427	0.331	0.264	0.260	0.304	0.345	0.332
10221	102.20	0.241	0.093	-0.060	-0.166	-0.205	-0.201	-0.204	-0.259	-0.369	-0.481
10231	102.30	-0.508	-0.369	-0.040	0.419	0.882	1.197	1.255	1.031	0.597	0.090
10241	102.40	-0.345	-0.615	-0.704	-0.669	-0.597	-0.563	-0.589	-0.648	-0.681	-0.635
10251	102.50	-0.487	-0.252	0.030	0.315	0.578	0.808	1.004	1.161	1.262	1.292
10261	102.60	1.245	1.145	1.042	0.989	1.017	1.111	1.210	1.229	1.099	0.805
10271	102.70	0.397	-0.024	-0.347	-0.502	-0.484	-0.357	-0.218	-0.154	-0.205	-0.350
10281	102.80	-0.528	-0.674	-0.749	-0.761	-0.753	-0.771	-0.840	-0.946	-1.049	-1.100
10291	102.90	-1.077	-0.990	-0.881	-0.798	-0.772	-0.800	-0.852	-0.889	-0.886	-0.843
10301	103.00	-0.784	-0.742	-0.734	-0.755	-0.780	-0.784	-0.760	-0.727	-0.727	-0.799
10311	103.10	-0.956	-1.171	-1.380	-1.509	-1.503	-1.350	-1.088	-0.787	-0.522	-0.342
10321	103.20	-0.256	-0.236	-0.232	-0.203	-0.128	-0.015	0.107	0.203	0.245	0.224
10331	103.30	0.146	0.029	-0.104	-0.232	-0.339	-0.411	-0.444	-0.438	-0.401	-0.342
10341	103.40	-0.269	-0.186	-0.088	0.032	0.174	0.327	0.458	0.529	0.505	0.375
10351	103.50	0.162	-0.082	-0.290	-0.404	-0.400	-0.291	-0.123	0.049	0.180	0.256
10361	103.60	0.288	0.305	0.334	0.381	0.440	0.491	0.526	0.555	0.603	0.701
10371	103.70	0.868	1.091	1.329	1.528	1.640	1.645	1.563	1.441	1.336	1.290
10381	103.80	1.315	1.389	1.474	1.531	1.541	1.512	1.470	1.449	1.466	1.518
10391	103.90	1.584	1.628	1.623	1.560	1.450	1.321	1.204	1.121	1.075	1.052
10401	104.00	1.025	0.972	0.885	0.777	0.682	0.643	0.695	0.848	1.084	1.352
10411	104.10	1.585	1.720	1.720	1.581	1.338	1.048	0.771	0.551	0.402	0.308
10421	104.20	0.234	0.144	0.015	-0.152	-0.338	-0.511	-0.645	-0.722	-0.745	-0.726
10431	104.30	-0.686	-0.644	-0.613	-0.603	-0.613	-0.642	-0.683	-0.729	-0.768	-0.790
10441	104.40	-0.792	-0.777	-0.759	-0.758	-0.789	-0.854	-0.936	-1.003	-1.013	-0.936
10451	104.50	-0.765	-0.525	-0.267	-0.050	0.075	0.089	0.010	-0.116	-0.232	-0.293
10461	104.60	-0.283	-0.217	-0.132	-0.067	-0.049	-0.075	-0.125	-0.165	-0.173	-0.143
10471	104.70	-0.091	-0.037	-0.001	0.018	0.035	0.075	0.156	0.275	0.407	0.517
10481	104.80	0.575	0.576	0.547	0.537	0.600	0.770	1.040	1.364	1.665	1.863
10491	104.90	1.901	1.762	1.473	1.095	0.705	0.371	0.142	0.037	0.046	0.140

Table 7−36−22

TABLE OF CORRECTED ACCELERATION RECORD NO.22

INDEX NO. 1228 1302-PI-1-13 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -361.875 (GAL) T= 2.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10501	105.00	0.278	0.418	0.525	0.575	0.562	0.489	0.371	0.223	0.055	-0.130
10511	105.10	-0.334	-0.562	-0.809	-1.063	-1.294	-1.472	-1.567	-1.562	-1.461	-1.279
10521	105.20	-1.044	-0.783	-0.518	-0.264	-0.033	0.163	0.302	0.357	0.297	0.100
10531	105.30	-0.243	-0.714	-1.266	-1.836	-2.349	-2.746	-2.992	-3.095	-3.098	-3.065
10541	105.40	-3.059	-3.113	-3.221	-3.336	-3.395	-3.344	-3.169	-2.904	-2.618	-2.388
10551	105.50	-2.258	-2.224	-2.234	-2.215	-2.112	-1.918	-1.679	-1.472	-1.362	-1.364
10561	105.60	-1.430	-1.463	-1.365	-1.091	-0.666	-0.188	0.211	0.428	0.427	0.258
10571	105.70	0.026	-0.157	-0.222	-0.171	-0.070	-0.010	-0.059	-0.231	-0.484	-0.737
10581	105.80	-0.914	-0.973	-0.919	-0.792	-0.639	-0.495	-0.360	-0.214	-0.028	0.216
10591	105.90	0.510	0.823	1.110	1.321	1.418	1.379	1.201	0.905	0.538	0.167
10601	106.00	-0.134	-0.296	-0.282	-0.097	0.208	0.555	0.865	1.086	1.207	1.254
10611	106.10	1.272	1.296	1.338	1.382	1.399	1.366	1.277	1.146	0.989	0.813
10621	106.20	0.604	0.342	0.020	-0.336	-0.660	-0.861	-0.856	-0.613	-0.166	0.388
10631	106.30	0.925	1.342	1.593	1.706	1.760	1.841	1.999	2.229	2.469	2.636
10641	106.40	2.664	2.538	2.300	2.029	1.811	1.701	1.705	1.782	1.859	1.863
10651	106.50	1.741	1.479	1.103	0.675	0.271	-0.030	-0.174	-0.143	0.031	0.282
10661	106.60	0.523	0.677	0.711	0.642	0.540	0.493	0.572	0.794	1.112	1.427
10671	106.70	1.627	1.633	1.430	1.073	0.666	0.317	0.103	0.042	0.097	0.196
10681	106.80	0.270	0.275	0.209	0.096	-0.023	-0.114	-0.163	-0.171	-0.147	-0.103
10691	106.90	-0.043	0.033	0.122	0.219	0.312	0.388	0.440	0.471	0.492	0.519
10701	107.00	0.563	0.629	0.710	0.794	0.869	0.924	0.954	0.959	0.938	0.893
10711	107.10	0.826	0.744	0.656	0.577	0.518	0.485	0.476	0.478	0.473	0.444
10721	107.20	0.383	0.290	0.175	0.052	-0.071	-0.190	-0.309	-0.434	-0.569	-0.707
10731	107.30	-0.835	-0.932	-0.977	-0.959	-0.880	-0.756	-0.616	-0.490	-0.400	-0.353
10741	107.40	-0.340	-0.339	-0.326	-0.284	-0.214	-0.129	-0.050	0.004	0.031	0.043
10751	107.50	0.061	0.106	0.182	0.275	0.356	0.393	0.368	0.289	0.184	0.088
10761	107.60	0.030	0.017	0.031	0.041	0.022	-0.032	-0.106	-0.168	-0.195	-0.183
10771	107.70	-0.154	-0.148	-0.203	-0.334	-0.528	-0.747	-0.953	-1.117	-1.241	-1.340
10781	107.80	-1.437	-1.537	-1.624	-1.669	-1.651	-1.573	-1.472	-1.399	-1.398	-1.479
10791	107.90	-1.608	-1.724	-1.769	-1.724	-1.618	-1.522	-1.504	-1.595	-1.763	-1.927
10801	108.00	-1.996	-1.922	-1.738	-1.546	-1.480	-1.635	-2.014	-2.513	-2.953	-3.153
10811	108.10	-3.006	-2.527	-1.842	-1.142	-0.601	-0.315	-0.272	-0.377	-0.505	-0.557
10821	108.20	-0.504	-0.378	-0.251	-0.186	-0.209	-0.299	-0.404	-0.464	-0.443	-0.333
10831	108.30	-0.151	0.072	0.304	0.518	0.694	0.813	0.866	0.852	0.788	0.703
10841	108.40	0.633	0.600	0.605	0.624	0.623	0.575	0.479	0.359	0.254	0.194
10851	108.50	0.179	0.178	0.144	0.045	-0.109	-0.263	-0.335	-0.256	-0.009	0.357
10861	108.60	0.738									

Table 7−37−1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.909	-0.150
11	0.10	-6.911	-11.984	-13.584	-11.321	-6.360	-0.860	3.054	4.275	3.180	1.337
21	0.20	0.612	2.113	5.532	9.219	10.969	9.143	3.563	-4.270	-11.751	-16.274
31	0.30	-16.367	-12.204	-5.641	0.793	4.879	5.567	3.236	-0.660	-4.342	-6.441
41	0.40	-6.430	-4.601	-1.731	1.343	4.001	5.895	6.841	6.708	5.422	3.097
51	0.50	0.173	-2.577	-4.247	-4.170	-2.266	0.822	3.905	5.710	5.408	2.985
61	0.60	-0.744	-4.457	-6.861	-7.181	-5.409	-2.231	1.303	4.181	5.750	5.831
71	0.70	4.665	2.750	0.670	-1.019	-1.867	-1.588	-0.135	2.252	5.050	7.572
81	0.80	9.175	9.485	8.537	6.746	4.715	2.960	1.704	0.824	0.003	-1.035
91	0.90	-2.322	-3.609	-4.519	-4.808	-4.557	-4.182	-4.226	-5.017	-6.403	-7.710
101	1.00	-7.988	-6.449	-2.898	2.688	7.306	11.386	13.330	12.900	10.668	7.719
111	1.10	5.140	3.561	2.936	2.675	2.023	0.510	-1.776	-4.198	-5.866	-6.071
121	1.20	-4.638	-2.046	0.744	2.677	3.027	1.686	-0.801	-3.463	-5.286	-5.601
131	1.30	-4.316	-1.929	0.682	2.595	3.172	2.263	0.215	-2.294	-4.515	-5.886
141	1.40	-6.178	-5.494	-4.148	-2.493	-0.787	0.843	2.341	3.628	4.530	4.801
151	1.50	4.240	2.834	0.852	-1.188	-2.678	-3.162	-2.531	-1.987	0.566	1.764
161	1.60	2.045	1.306	-0.202	-2.043	-3.818	-5.333	-6.620	-7.816	-8.972	-9.913
171	1.70	-10.250	-9.535	-7.513	-4.311	-0.476	3.181	5.872	7.133	6.977	5.862
181	1.80	4.470	3.413	3.008	3.195	3.639	3.938	3.830	3.309	2.599	2.021
191	1.90	1.830	2.087	2.624	3.111	3.162	2.464	0.869	-1.557	-4.531	-7.583
201	2.00	-10.138	-11.630	-11.643	-10.053	-7.106	-3.399	0.263	3.098	4.597	4.677
211	2.10	3.700	2.314	1.197	0.798	1.188	2.070	2.938	3.312	2.933	1.846
221	2.20	0.346	-1.169	-2.371	-3.101	-3.385	-3.364	-3.191	-2.955	-2.662	-2.268
231	2.30	-1.728	-1.039	-0.241	0.603	1.436	2.210	2.871	3.341	3.514	3.295
241	2.40	2.650	1.658	0.514	-0.528	-1.249	-1.557	-1.521	-1.328	-1.188	-1.216
251	2.50	-1.381	-1.536	-1.518	-1.261	-0.848	-0.470	-0.298	-0.342	-0.399	-0.119
261	2.60	0.797	2.378	4.255	5.724	5.998	4.570	1.509	-2.445	-6.093	-8.155
271	2.70	-7.790	-4.918	-0.278	4.830	9.008	11.231	11.148	9.100	5.886	2.413
281	2.80	-0.616	-2.854	-4.260	-4.949	-5.027	-4.521	-3.428	-1.825	0.050	1.809
291	2.90	3.039	3.474	3.116	2.243	1.282	0.620	0.431	0.624	0.920	1.015
301	3.00	0.744	0.151	-0.552	-1.113	-1.376	-1.346	-1.149	-0.935	-0.772	-0.618
311	3.10	-0.371	0.022	0.477	0.769	0.634	-0.085	-1.315	-2.746	-3.944	-4.544
321	3.20	-4.419	-3.741	-2.883	-2.227	-1.961	-1.989	-1.988	-1.609	-0.691	0.611
331	3.30	1.859	2.536	2.287	1.117	-0.590	-2.229	-3.225	-3.278	-2.455	-1.127
341	3.40	0.242	1.316	2.011	2.476	2.940	3.528	4.143	4.497	4.254	3.230
351	3.50	1.522	-0.489	-2.288	-3.437	-3.753	-3.372	-2.649	-1.980	-1.602	-1.502
361	3.60	-1.455	-1.175	-0.491	0.540	1.649	2.483	2.786	2.532	1.947	1.411
371	3.70	1.272	1.690	2.559	3.562	4.318	4.556	4.225	3.490	2.628	1.880
381	3.80	1.328	0.877	0.334	-0.446	-1.434	-2.389	-2.935	-2.733	-1.658	0.094
391	3.90	2.031	3.527	4.056	3.401	1.748	-0.377	-2.301	-3.450	-3.550	-2.694
401	4.00	-1.269	0.238	1.440	2.187	2.576	2.840	3.177	3.611	3.952	3.881
411	4.10	3.120	1.611	-0.396	-2.384	-3.745	-4.008	-3.040	-1.113	1.181	3.146
421	4.20	4.232	4.233	3.334	2.012	0.826	0.188	0.218	0.722	1.311	1.574
431	4.30	1.254	0.334	-0.987	-2.394	-3.594	-4.411	-4.812	-4.866	-4.669	-4.276
441	4.40	-3.684	-2.857	-1.778	-0.492	0.885	2.189	3.248	3.919	4.102	3.748
451	4.50	2.865	1.537	-0.048	-1.587	-2.690	-2.979	-2.214	-0.417	2.081	4.705
461	4.60	6.814	7.911	7.821	6.729	5.079	3.361	1.899	0.736	-0.333	-1.589
471	4.70	-3.184	-5.009	-6.715	-7.879	-8.238	-7.848	-7.089	-6.489	-6.444	-6.985
481	4.80	-7.706	-7.913	-6.932	-4.435	-0.628	3.790	7.883	10.834	12.231	12.166
491	4.90	11.109	9.640	8.171	6.802	5.359	3.581	1.337	-1.246	-3.805	-5.905

Table 7−37−2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-7.240	-7.769	-7.714	-7.431	-7.217	-7.167	-7.158	-6.938	-6.295	-5.185
511	5.10	-3.766	-2.317	-1.093	-0.199	0.451	1.061	1.824	2.796	3.852	4.737
521	5.20	5.200	5.113	4.540	3.699	2.850	2.176	1.701	1.312	0.843	0.188
531	5.30	-0.620	-1.419	-1.996	-2.201	-2.029	-1.636	-1.265	-1.140	-1.355	-1.834
541	5.40	-2.367	-2.701	-2.653	-2.180	-1.386	-0.463	0.392	1.055	1.505	1.800
551	5.50	2.024	2.229	2.405	2.488	2.405	2.119	1.653	1.093	0.542	0.078
561	5.60	-0.287	-0.615	-1.019	-1.618	-2.487	-3.623	-4.939	-6.280	-7.464	-8.316
571	5.70	-8.707	-8.574	-7.921	-6.816	-5.370	-3.722	-2.012	-0.373	1.090	2.294
581	5.80	3.192	3.751	3.974	3.894	3.584	3.162	2.778	2.583	2.688	3.123
591	5.90	3.814	4.590	5.230	5.526	5.353	4.703	3.685	2.484	1.298	0.281
601	6.00	-0.486	-1.000	-1.311	-1.498	-1.655	-1.885	-2.298	-2.986	-3.985	-5.225
611	6.10	-6.493	-7.458	-7.752	-7.101	-5.462	-3.085	-0.488	1.693	2.919	2.944
621	6.20	1.915	0.337	-1.110	-1.818	-1.468	-0.133	1.767	3.638	4.936	5.344
631	6.30	4.849	3.686	2.203	0.706	-0.636	-1.810	-2.888	-3.935	-4.933	-5.766
641	6.40	-6.258	-6.256	-5.695	-4.632	-3.225	-1.693	-0.255	0.905	1.651	1.900
651	6.50	1.618	0.836	-0.336	-1.710	-3.043	-4.095	-4.700	-4.814	-4.512	-3.940
661	6.60	-3.214	-2.351	-1.246	0.269	2.299	4.760	7.322	9.452	10.581	10.318
671	6.70	8.623	5.867	2.731	-0.021	-1.790	-2.333	-1.795	-0.597	0.771	1.937
681	6.80	2.746	3.224	3.457	3.460	3.126	2.288	0.859	-1.033	-3.005	-4.511
691	6.90	-5.047	-4.366	-2.600	-0.225	2.120	3.885	4.802	4.943	4.619	4.192
701	7.00	3.894	3.745	3.615	3.355	2.939	2.508	2.309	2.549	3.277	4.337
711	7.10	5.458	6.386	7.018	7.421	7.737	8.029	8.153	7.761	6.443	3.954
721	7.20	0.405	-3.691	-7.558	-10.423	-11.794	-11.602	-10.162	-7.972	-5.468	-2.866
731	7.30	-0.171	2.675	5.600	8.302	10.305	11.161	10.689	9.107	6.984	5.003
741	7.40	3.671	3.103	3.007	2.861	2.199	0.846	-1.020	-2.996	-4.696	-5.966
751	7.50	-6.941	-7.920	-9.131	-10.537	-11.793	-12.414	-12.043	-10.695	-8.810	-7.081
761	7.60	-6.119	-6.146	-6.861	-7.584	-7.617	-6.629	-4.882	-3.157	-2.398	-3.231
771	7.70	-5.600	-8.693	-11.216	-11.902	-10.031	-5.738	0.023	5.839	10.355	12.729
781	7.80	12.857	11.302	8.995	6.864	5.543	5.258	5.848	7.108	8.590	10.052
791	7.90	11.292	12.141	12.428	11.992	10.726	8.646	5.930	2.920	0.076	-2.080
801	8.00	-3.037	-2.362	0.204	4.635	10.514	16.968	22.750	26.467	26.966	23.745
811	8.10	17.243	8.854	0.595	-5.486	-7.983	-6.622	-2.367	2.919	7.139	8.689
821	8.20	6.961	2.422	-3.725	-10.126	-15.817	-20.466	-24.233	-27.333	-29.601	-30.300
831	8.30	-28.349	-22.887	-13.902	-2.594	8.796	17.679	22.101	21.578	17.413	12.276
841	8.40	9.213	10.454	16.532	26.086	36.429	44.630	48.647	48.022	43.875	38.240
851	8.50	33.085	29.469	27.199	25.096	21.703	16.036	8.043	-1.439	-11.162	-20.111
861	8.60	-27.960	-35.141	-42.481	-50.629	-59.558	-68.400	-75.707	-79.993	-80.334	-76.732
871	8.70	-70.110	-61.954	-53.783	-46.655	-40.924	-36.275	-31.995	-27.325	-21.759	-15.190
881	8.80	-7.897	-0.426	6.579	12.540	17.077	20.087	21.766	22.554	23.001	23.582
891	8.90	24.511	25.652	26.570	26.727	25.751	23.650	20.860	18.077	15.939	14.699
901	9.00	14.070	13.327	11.660	8.612	4.394	-0.096	-3.597	-5.023	-3.983	-1.027
911	9.10	2.519	5.075	5.478	3.500	-0.031	-3.565	-5.498	-4.879	-1.838	2.445
921	9.20	6.250	8.070	7.312	4.618	1.690	0.643	3.169	9.803	19.590	30.268
931	9.30	38.890	42.680	39.815	29.907	14.047	-5.550	-26.167	-45.252	-60.954	-72.394
941	9.40	-79.640	-83.440	-84.823	-84.697	-83.568	-81.461	-78.032	-72.847	-65.688	-56.777
951	9.50	-46.799	-36.703	-27.336	-19.057	-11.503	-3.660	5.768	17.768	32.457	48.776
961	9.60	64.609	77.332	84.615	85.184	79.250	68.436	55.231	42.184	31.173	23.016
971	9.70	17.542	14.050	11.891	10.880	11.352	13.834	18.520	24.848	31.404	36.283
981	9.80	37.772	35.081	28.798	20.826	13.802	10.163	11.248	16.769	24.883	32.857
991	9.90	38.062	38.938	35.532	29.408	22.962	18.418	16.914	18.049	20.088	20.743

Table 7−37−3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	18.192	11.910	2.936	-6.562	-14.244	-18.664	-19.957	-19.828	-20.798	-25.035
1011	10.10	-33.295	-44.457	-55.909	-66.638	-68.535	-67.317	-62.610	-57.120	-53.251	-51.802
1021	10.20	-51.383	-48.855	-40.660	-24.466	-0.414	28.619	57.841	82.128	97.673	103.029
1031	10.30	99.172	88.672	74.454	58.768	42.826	27.153	12.327	-0.441	-9.296	-12.411
1041	10.40	-8.998	-0.104	11.320	21.259	26.085	23.997	15.767	4.408	-6.117	-12.580
1051	10.50	-13.776	-10.848	-6.506	-3.576	-3.617	-6.307	-9.920	-12.599	-13.742	-14.696
1061	10.60	-18.313	-27.473	-43.297	-63.952	-84.754	-99.686	-103.728	-94.977	-75.572	-50.940
1071	10.70	-27.664	-10.907	-2.541	-0.811	-1.631	-0.844	3.651	10.932	17.674	20.008
1081	10.80	15.660	5.306	-7.537	-18.023	-22.153	-18.553	-9.014	2.434	11.452	15.244
1091	10.90	13.834	9.601	5.985	5.679	9.331	15.334	20.746	22.821	20.389	14.424
1101	11.00	7.563	2.883	2.506	6.703	13.837	21.118	25.788	26.217	22.496	16.362
1111	11.10	10.568	7.969	10.653	19.349	33.228	50.112	67.001	80.800	89.053	90.509
1121	11.20	85.346	74.967	61.452	46.870	32.719	19.728	8.054	-2.263	-10.906	-17.189
1131	11.30	-20.377	-20.260	-17.632	-14.372	-12.958	-15.592	-23.312	-35.534	-50.266	-64.903
1141	11.40	-77.234	-86.154	-91.766	-94.858	-96.096	-95.416	-91.980	-84.745	-73.321	-58.620
1151	11.50	-42.878	-28.948	-19.159	-14.301	-13.221	-13.273	-11.416	-5.459	5.106	19.024
1161	11.60	33.916	47.265	57.276	63.226	65.264	63.879	59.400	51.840	41.118	27.495
1171	11.70	11.913	-4.000	-18.313	-29.381	-36.371	-39.474	-39.727	-38.552	-37.224	-36.484
1181	11.80	-36.387	-36.387	-35.543	-32.770	-27.088	-17.869	-5.088	10.493	27.297	43.180
1191	11.90	55.945	63.988	66.815	65.184	60.728	55.195	49.609	43.776	36.399	25.824
1201	12.00	11.095	-7.154	-26.472	-43.177	-53.622	-55.603	-49.333	-37.520	-24.475	-14.591
1211	12.10	-10.781	-13.497	-20.710	-28.818	-34.083	-34.014	-28.150	-17.991	-6.170	4.714
1221	12.20	13.104	18.917	23.279	27.745	33.389	40.205	47.059	52.208	54.109	52.143
1231	12.30	46.924	40.060	33.489	28.710	26.241	25.534	25.345	24.343	21.663	17.161
1241	12.40	11.297	4.761	-1.912	-8.540	-15.216	-22.052	-28.919	-35.373	-40.788	-44.628
1251	12.50	-46.645	-46.887	-45.488	-42.400	-37.279	-29.669	-19.455	-7.344	4.931	14.927
1261	12.60	20.287	19.727	13.753	4.716	-3.922	-8.850	-8.173	-2.129	7.081	16.261
1271	12.70	22.544	24.479	22.390	17.919	13.029	9.005	5.958	3.022	-0.889	-6.236
1281	12.80	-12.383	-17.763	-20.587	-19.723	-15.299	-8.705	-2.041	2.715	4.396	2.882
1291	12.90	-1.153	-6.773	-13.231	-20.106	-27.066	-33.480	-38.181	-39.615	-36.382	-27.917
1301	13.00	-14.961	0.466	15.627	27.953	35.851	39.090	38.624	35.981	32.555	29.134
1311	13.10	25.856	22.528	19.065	15.761	13.218	11.996	12.202	13.282	14.157	13.663
1321	13.20	11.058	6.337	0.200	-6.304	-12.250	-17.160	-21.046	-24.159	-26.659	-28.408
1331	13.30	-29.033	-28.208	-25.964	-22.788	-19.428	-16.458	-13.874	-10.991	-6.752	-0.368
1341	13.40	8.064	17.304	25.290	29.960	30.199	26.461	20.691	15.559	13.294	14.689
1351	13.50	18.741	23.132	25.328	23.800	18.768	12.134	6.614	4.487	6.562	11.698
1361	13.60	17.456	20.960	20.177	14.678	5.736	-4.254	-12.716	-17.767	-18.700	-15.966
1371	13.70	-10.757	-4.483	1.648	6.798	10.454	12.306	12.167	9.991	5.959	0.528
1381	13.80	-5.619	-11.734	-17.199	-21.657	-25.063	-27.465	-28.928	-29.355	-28.502	-26.109
1391	13.90	-22.105	-16.778	-10.818	-5.191	-0.867	1.484	1.751	0.458	-1.358	-2.470
1401	14.00	-1.884	0.767	4.999	9.536	12.662	12.786	9.037	1.656	-7.968	-17.678
1411	14.10	-25.221	-28.974	-28.432	-24.276	-17.981	-11.140	-4.790	0.970	6.905	14.159
1421	14.20	23.550	34.987	47.228	58.424	65.245	66.684	61.731	51.185	37.195	22.660
1431	14.30	10.388	2.249	-1.382	-1.723	-1.155	-2.378	-7.426	-16.876	-29.570	-42.983
1441	14.40	-54.150	-60.785	-62.162	-59.349	-54.679	-50.658	-48.783	-48.834	-48.963	-46.601
1451	14.50	-39.758	-28.125	-13.442	1.072	11.977	16.988	15.850	10.326	3.337	-2.295
1461	14.60	-4.908	-4.381	-1.756	1.640	5.036	8.582	13.075	19.252	27.087	35.518
1471	14.70	42.779	47.155	47.777	45.009	40.257	35.286	31.450	29.204	28.147	27.505
1481	14.80	26.751	25.976	25.804	26.906	29.401	32.511	34.699	34.239	29.956	21.771
1491	14.90	10.778	-1.168	-12.138	-20.778	-26.638	-30.094	-31.972	-33.112	-34.068	-35.054

Table 7−37−4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-36.057	-37.012	-37.888	-38.672	-39.307	-39.653	-39.532	-38.826	-37.536	-35.746
1511	15.10	-33.505	-30.710	-27.118	-22.534	-17.106	-11.536	-7.057	-5.027	-6.317	-10.737
1521	15.20	-16.827	-22.198	-24.359	-21.700	-14.195	-3.471	7.818	17.066	22.748	24.956
1531	15.30	25.199	25.576	27.751	32.195	38.063	43.720	47.614	49.047	48.450	47.053
1541	15.40	46.130	46.237	46.830	46.467	43.498	36.889	26.790	14.575	2.332	-7.941
1551	15.50	-15.063	-19.025	-20.820	-21.884	-23.417	-25.882	-28.886	-31.437	-32.436	-31.164
1561	15.60	-27.572	-22.295	-16.420	-11.129	-7.366	-5.621	-5.862	-7.607	-10.069	-12.363
1571	15.70	-13.698	-13.561	-11.838	-8.842	-5.235	-1.827	0.680	1.927	2.039	1.584
1581	15.80	1.383	2.215	4.530	8.281	12.924	17.598	21.386	23.573	23.815	22.159
1591	15.90	18.954	14.701	9.935	5.154	0.819	-2.634	-4.809	-5.438	-4.497	-2.314
1601	16.00	0.422	2.804	3.961	3.366	1.061	-2.318	-5.733	-8.120	-8.795	-7.726
1611	16.10	-5.544	-3.275	-1.897	-1.902	-3.066	-4.521	-5.159	-6.079	-1.121	3.071
1621	16.20	7.199	9.811	9.863	7.144	2.370	-3.099	-7.775	-10.609	-11.350	-10.570
1631	16.30	-9.352	-8.783	-9.468	-11.276	-13.405	-14.746	-14.376	-11.989	-8.070	-3.761
1641	16.40	-0.452	0.731	-0.648	-4.163	-8.670	-12.724	-15.104	-15.266	-13.535	-10.977
1651	16.50	-8.980	-8.700	-10.579	-14.118	-17.998	-20.518	-20.182	-16.232	-8.918	0.590
1661	16.60	10.605	19.486	26.143	30.307	32.468	33.550	34.473	35.785	37.512	39.246
1671	16.70	40.413	40.568	39.567	37.573	34.882	31.703	27.996	23.459	17.680	10.380
1681	16.80	1.626	-8.070	-17.834	-26.644	-33.614	-38.213	-40.374	-40.438	-39.000	-36.704
1691	16.90	-34.081	-31.469	-29.021	-26.773	-24.721	-22.873	-21.245	-19.838	-18.602	-17.433
1701	17.00	-16.231	-14.915	-13.521	-12.182	-11.061	-10.241	-9.605	-8.789	-7.247	-4.433
1711	17.10	-0.039	5.799	12.441	18.871	23.991	26.986	27.602	26.232	23.754	21.192
1721	17.20	19.337	18.484	18.401	18.516	18.235	17.227	15.542	13.525	11.577	9.912
1731	17.30	8.433	6.799	4.651	1.862	-1.312	-4.270	-6.288	-6.808	-5.665	-3.147
1741	17.40	0.126	3.428	6.160	7.968	8.742	8.527	7.435	5.619	3.310	0.879
1751	17.50	-1.169	-2.304	-2.145	-0.640	1.874	4.774	7.373	9.187	10.077	10.227
1761	17.60	9.947	9.431	8.592	7.097	4.578	0.919	-3.542	-8.025	-11.541	-13.256
1771	17.70	-12.812	-10.450	-6.885	-3.001	0.480	3.193	5.126	6.449	7.298	7.665
1781	17.80	7.450	6.632	5.440	4.390	4.139	5.208	7.716	11.281	15.153	18.530
1791	17.90	20.890	22.175	22.714	22.935	23.016	22.680	21.257	18.013	12.581	5.283
1801	18.00	-2.852	-10.388	-15.999	-18.970	-19.440	-18.310	-16.843	-16.164	-16.863	-18.880
1811	18.10	-21.665	-24.508	-26.857	-28.477	-29.399	-29.736	-29.492	-28.487	-26.435	-23.125
1821	18.20	-18.599	-13.213	-7.560	-2.285	2.098	5.304	7.254	7.960	7.405	5.506
1831	18.30	2.175	-2.550	-8.388	-14.785	-21.009	-26.328	-30.193	-32.351	-32.844	-31.922
1841	18.40	-29.915	-27.138	-23.850	-20.253	-16.499	-12.664	-8.703	-4.430	0.435	6.122
1851	18.50	12.628	19.571	26.191	31.536	34.797	35.644	34.422	32.072	29.803	28.624
1861	18.60	28.950	30.456	32.263	33.360	33.080	31.395	28.912	26.546	25.066	24.710
1871	18.70	25.062	25.248	24.342	21.782	17.503	12.376	6.920	1.924	-2.313	-5.917
1881	18.80	-9.255	-12.642	-16.114	-19.393	-22.037	-23.711	-24.405	-24.489	-24.574	-25.244
1891	18.90	-26.792	-29.086	-31.628	-33.742	-34.828	-34.540	-32.847	-29.980	-26.318	-22.284
1901	19.00	-18.289	-14.709	-11.868	-9.985	-9.107	-9.057	-9.454	-9.812	-9.705	-8.917
1911	19.10	-7.486	-5.638	-3.617	-1.521	0.768	3.512	6.931	11.015	15.441	19.677
1921	19.20	23.228	25.897	27.932	29.931	32.541	36.069	40.200	43.970	46.047	45.206
1931	19.30	40.814	33.097	23.099	12.341	2.327	-5.872	-11.832	-15.712	-17.995	-19.186
1941	19.40	-19.605	-19.338	-18.341	-16.601	-14.249	-11.574	-8.955	-6.738	-5.151	-4.264
1951	19.50	-4.013	-4.232	-4.687	-5.102	-5.202	-4.792	-3.862	-2.681	-1.795	-1.898
1961	19.60	-3.580	-7.044	-11.919	-17.278	-21.891	-24.633	-24.895	-22.796	-19.133	-15.042
1971	19.70	-11.551	-9.198	-7.887	-7.022	-5.861	-3.885	-1.035	2.294	5.470	7.934
1981	19.80	9.429	10.051	10.121	9.955	9.674	9.154	8.141	6.435	4.062	1.310
1991	19.90	-1.377	-3.580	-5.074	-5.868	-6.122	-5.975	-5.420	-4.280	-2.344	0.436

Table 7-37-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	3.785	7.105	9.654	10.856	10.579	9.247	7.706	6.875	7.334	9.024
2011	20.10	11.216	12.767	12.575	10.042	5.352	-0.566	-6.358	-10.737	-12.939	-12.966
2021	20.20	-11.533	-9.742	-8.622	-8.713	-9.846	-11.201	-11.603	-9.960	-5.675	1.107
2031	20.30	9.494	18.102	25.465	30.485	32.755	32.647	31.132	29.387	28.344	28.332
2041	20.40	28.969	29.349	28.451	25.610	20.854	14.954	9.171	4.784	2.608	2.708
2051	20.50	4.411	6.628	8.304	8.812	8.116	6.642	4.952	3.401	1.952	0.253
2061	20.60	-2.082	-5.146	-8.537	-11.428	-12.882	-12.273	-9.625	-5.693	-1.743	0.885
2071	20.70	1.236	-0.945	-5.172	-10.425	-15.505	-19.375	-21.388	-21.361	-19.519	-16.396
2081	20.80	-12.729	-9.348	-7.050	-6.426	-7.680	-10.506	-14.106	-17.407	-19.414	-19.589
2091	20.90	-18.061	-15.575	-13.152	-11.615	-11.169	-11.264	-10.803	-8.618	-4.015	2.875
2101	21.00	11.099	19.237	25.945	30.444	32.727	33.422	33.385	33.240	33.101	32.571
2111	21.10	31.027	27.994	23.438	17.803	11.807	6.089	0.920	-3.895	-8.853	-14.425
2121	21.20	-20.731	-27.370	-33.507	-38.160	-40.568	-40.451	-38.079	-34.095	-29.227	-24.001
2131	21.30	-18.602	-12.938	-6.854	-0.388	6.069	11.788	15.913	17.756	17.082	14.232
2141	21.40	10.049	5.617	1.914	-0.485	-1.543	-1.698	-1.614	-1.885	-2.784	-4.182
2151	21.50	-5.647	-6.690	-7.029	-6.750	-6.297	-6.280	-7.192	-9.157	-11.833	-14.517
2161	21.60	-16.418	-16.973	-16.075	-14.105	-11.755	-9.724	-8.414	-7.775	-7.359	-6.565
2171	21.70	-4.940	-2.424	0.608	3.509	5.663	6.785	7.090	7.227	8.026	10.141
2181	21.80	13.751	18.444	23.339	27.388	29.739	30.026	28.455	25.689	22.561	19.763
2191	21.90	17.611	15.980	14.422	12.398	9.517	5.709	1.245	-3.370	-7.592	-11.032
2201	22.00	-13.574	-15.397	-16.876	-18.427	-20.346	-22.689	-25.242	-27.569	-29.135	-29.455
2211	22.10	-28.233	-25.448	-21.361	-16.444	-11.248	-6.247	-1.719	2.295	5.940	9.420
2221	22.20	12.852	16.152	19.037	21.122	22.093	21.871	20.688	19.019	17.390	16.137
2231	22.30	15.226	14.218	12.433	9.235	4.351	-1.931	-8.767	-14.980	-19.423	-21.334
2241	22.40	-20.567	-17.595	-13.311	-8.714	-4.601	-1.384	0.925	2.583	3.928	5.215
2251	22.50	6.549	7.921	9.292	10.671	12.133	13.759	15.529	17.230	18.436	18.583
2261	22.60	17.130	13.759	8.527	1.935	-5.139	-11.620	-16.487	-19.023	-18.991	-16.687
2271	22.70	-12.848	-8.451	-4.449	-1.537	-0.000	0.304	-0.162	-0.803	-1.097	-0.738
2281	22.80	0.297	1.797	3.410	4.761	5.541	5.546	4.681	2.949	0.453	-2.597
2291	22.90	-5.861	-8.888	-11.165	-12.226	-11.765	-9.732	-6.365	-2.135	2.357	6.525
2301	23.00	9.908	12.231	13.407	13.499	12.665	11.117	9.099	6.863	4.642	2.608
2311	23.10	0.827	-0.757	-2.294	-3.953	-5.819	-7.818	-9.796	-11.144	-11.830	-11.641
2321	23.20	-10.705	-9.373	-8.083	-7.185	-6.798	-6.775	-6.790	-6.521	-5.835	-4.880
2331	23.30	-4.044	-3.784	-4.403	-5.879	-7.840	-9.689	-10.854	-11.025	-10.293	-9.118
2341	23.40	-8.128	-7.850	-8.477	-9.773	-11.159	-11.938	-11.566	-9.850	-7.007	-3.573
2351	23.50	-0.196	2.581	4.473	5.495	5.892	6.003	6.122	6.410	6.866	7.373
2361	23.60	7.765	7.903	7.728	7.278	6.682	6.120	5.777	5.789	6.206	6.975
2371	23.70	7.956	8.964	9.831	10.451	10.797	10.901	10.807	10.529	10.036	9.285
2381	23.80	8.287	7.166	6.174	5.638	5.847	6.927	8.766	11.029	13.279	15.143
2391	23.90	16.458	17.332	18.063	18.973	20.217	21.664	22.915	23.456	22.878	21.065
2401	24.00	18.268	15.015	11.917	9.434	7.727	6.642	5.828	4.929	3.749	2.322
2411	24.10	0.863	-0.365	-1.193	-1.630	-1.851	-2.116	-2.655	-3.590	-4.918	-6.552
2421	24.20	-8.380	-10.315	-12.300	-14.292	-16.233	-18.053	-19.691	-21.127	-22.385	-23.501
2431	24.30	-24.454	-25.118	-25.257	-24.603	-22.986	-20.455	-17.323	-14.092	-11.275	-9.184
2441	24.40	-7.790	-6.725	-5.447	-3.487	-0.682	2.728	6.187	9.050	10.857	11.515
2451	24.50	11.312	10.762	10.354	10.327	10.573	10.716	10.296	8.994	6.769	3.878
2461	24.60	0.762	-2.112	-4.401	-5.953	-6.790	-7.050	-6.906	-6.530	-6.073	-5.668
2471	24.70	-5.419	-5.377	-5.523	-5.766	-5.984	-6.083	-6.050	-5.960	-5.927	-6.035
2481	24.80	-6.274	-6.550	-6.751	-6.857	-7.012	-7.501	-8.632	-10.557	-13.133	-15.904
2491	24.90	-18.241	-19.582	-19.666	-18.642	-16.975	-15.201	-13.624	-12.135	-10.231	-7.253

Table 7-37-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-2.739	3.290	10.241	17.122	22.891	26.847	28.854	29.338	29.039	28.668
2511	25.10	28.618	28.860	29.051	28.785	27.831	26.263	24.406	22.656	21.274	20.265
2521	25.20	19.397	18.344	16.859	14.950	12.782	10.678	8.901	7.537	6.458	5.391
2531	25.30	4.044	2.244	0.001	-2.505	-5.005	-7.246	-9.065	-10.411	-11.318	-11.842
2541	25.40	-12.014	-11.810	-11.170	-10.042	-8.439	-6.484	-4.431	-2.644	-1.530	-1.447
2551	25.50	-2.606	-4.988	-8.330	-12.168	-15.952	-19.184	-21.546	-22.963	-23.586	-23.708
2561	25.60	-23.651	-23.667	-23.895	-24.375	-25.096	-26.037	-27.178	-28.463	-29.754	-30.805
2571	25.70	-31.292	-30.897	-29.423	-26.882	-23.521	-19.761	-16.068	-12.824	-10.223	-8.268
2581	25.80	-6.828	-5.737	-4.881	-4.230	-3.797	-3.568	-3.440	-3.209	-2.624	-1.487
2591	25.90	0.258	2.483	4.915	7.243	9.235	10.825	12.119	13.321	14.619	16.065
2601	26.00	17.636	19.081	20.233	21.010	21.499	21.917	22.504	23.384	24.472	25.466
2611	26.10	25.953	25.571	24.174	21.906	19.177	16.525	14.429	13.164	12.733	12.907
2621	26.20	13.352	13.759	13.948	13.890	13.661	13.365	13.049	12.773	12.434	12.003
2631	26.30	11.461	10.827	10.140	9.442	8.760	8.119	7.554	7.114	6.834	6.687
2641	26.40	6.537	6.132	5.156	3.346	0.612	-2.876	-6.698	-10.291	-13.124	-14.868
2651	26.50	-15.499	-15.276	-14.628	-13.979	-13.610	-13.590	-13.817	-14.115	-14.347	-14.476
2661	26.60	-14.563	-14.695	-14.910	-15.150	-15.269	-15.091	-14.488	-13.437	-12.025	-10.417
2671	26.70	-8.798	-7.323	-6.096	-5.170	-4.569	-4.292	-4.312	-4.563	-4.936	-5.296
2681	26.80	-5.516	-5.522	-5.304	-4.905	-4.364	-3.659	-2.670	-1.198	0.962	3.917
2691	26.90	7.585	11.675	15.731	19.261	21.677	23.415	23.973	23.862	23.491	23.228
2701	27.00	23.289	23.692	24.284	24.814	25.035	24.776	23.982	22.708	21.073	19.218
2711	27.10	17.255	15.254	13.236	11.197	9.134	7.067	5.053	3.179	1.543	0.214
2721	27.20	-0.791	-1.536	-2.157	-2.828	-3.709	-4.886	-6.326	-7.877	-9.307	-10.371
2731	27.30	-10.898	-10.853	-10.347	-9.608	-8.901	-8.441	-8.321	-8.495	-8.798	-9.014
2741	27.40	-8.950	-8.493	-7.640	-6.488	-5.204	-3.983	-3.016	-2.462	-2.432	-2.975
2751	27.50	-4.068	-5.613	-7.451	-9.391	-11.247	-12.883	-14.231	-15.283	-16.069	-16.612
2761	27.60	-16.909	-16.934	-16.662	-16.107	-15.343	-14.490	-13.667	-12.938	-12.269	-11.541
2771	27.70	-10.601	-9.340	-7.757	-5.976	-4.192	-2.590	-1.252	-0.118	0.978	2.220
2781	27.80	3.707	5.379	7.035	8.408	9.285	9.606	9.489	9.170	8.896	8.811
2791	27.90	8.899	9.005	8.925	8.516	7.765	6.791	5.780	4.883	4.148	3.495
2801	28.00	2.780	1.878	0.769	-0.435	-1.527	-2.300	-2.639	-2.582	-2.306	-2.057
2811	28.10	-2.052	-2.387	-3.011	-3.753	-4.398	-4.778	-4.837	-4.642	-4.348	-4.123
2821	28.20	-4.068	-4.177	-4.326	-4.315	-3.946	-3.083	-1.705	0.093	2.135	4.224
2831	28.30	6.203	7.989	9.572	10.980	12.238	13.326	14.176	14.691	14.790	14.442
2841	28.40	13.674	12.554	11.146	9.473	7.502	5.169	2.426	0.698	-4.072	-7.665
2851	28.50	-10.603	-13.231	-15.178	-16.385	-16.901	-16.843	-16.362	-15.602	-14.693	-13.741
2861	28.60	-12.831	-12.014	-11.295	-10.630	-9.935	-9.128	-8.171	-7.109	-6.071	-5.226
2871	28.70	-4.718	-4.593	-4.774	-5.078	-5.293	-5.268	-4.975	-4.523	-4.102	-3.893
2881	28.80	-3.984	-4.326	-4.752	-5.051	-5.047	-4.656	-3.897	-2.843	-1.559	-0.060
2891	28.90	1.699	3.768	6.145	8.716	11.251	13.458	15.066	15.923	16.044	15.604
2901	29.00	14.871	14.107	13.485	13.038	12.679	12.254	11.624	10.725	9.595	8.353
2911	29.10	7.157	6.142	5.381	4.872	4.548	4.316	4.092	3.823	3.494	3.121
2921	29.20	2.730	2.335	1.932	1.490	0.972	0.342	-0.414	-1.285	-2.232	-3.209
2931	29.30	-4.181	-5.144	-6.133	-7.216	-8.465	-9.921	-11.552	-13.235	-14.763	-15.886
2941	29.40	-16.374	-16.083	-15.002	-13.266	-11.121	-8.859	-6.741	-4.931	-3.475	-2.307
2951	29.50	-1.301	-0.329	0.688	1.754	2.801	3.721	4.399	4.755	4.766	4.478
2961	29.60	3.999	3.482	3.096	2.994	3.277	3.971	5.019	6.303	7.627	9.019
2971	29.70	10.264	11.419	12.545	13.716	14.969	16.273	17.529	18.598	19.343	19.666
2981	29.80	19.525	18.927	17.909	16.525	14.843	12.964	11.031	9.222	7.703	6.566
2991	29.90	5.773	5.130	4.346	3.123	1.294	-1.095	-3.767	-6.292	-8.237	-9.320

Table 7-37-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-9.509	-9.020	-8.220	-7.482	-7.044	-6.953	-7.088	-7.261	-7.325	-7.246
3011	30.10	-7.100	-7.008	-7.047	-7.191	-7.317	-7.257	-6.887	-6.185	-5.235	-4.181
3021	30.20	-3.147	-2.186	-1.269	-0.336	0.638	1.594	2.385	2.836	2.829	2.362
3031	30.30	1.562	0.626	-0.265	-1.028	-1.700	-2.394	-3.211	-4.161	-5.137	-5.953
3041	30.40	-6.441	-6.534	-6.308	-5.937	-5.591	-5.334	-5.075	-4.602	-3.705	-2.297
3051	30.50	-0.504	1.364	2.928	3.906	4.244	4.134	3.924	3.943	4.329	4.957
3061	30.60	5.485	5.519	4.809	3.385	1.567	-0.155	-1.319	-1.670	-1.253	-0.371
3071	30.70	0.559	1.178	1.312	0.998	0.413	-0.255	-0.909	-1.589	-2.428	-3.554
3081	30.80	-4.989	-6.601	-8.126	-9.255	-9.745	-9.499	-8.600	-7.271	-5.796	-4.430
3091	30.90	-3.331	-2.535	-1.976	-1.534	-1.093	-0.586	-0.013	0.567	1.066	1.410
3101	31.00	1.568	1.565	1.467	1.347	1.252	1.175	1.061	0.836	0.447	-0.106
3111	31.10	-0.775	-1.488	-2.205	-2.946	-3.797	-4.859	-6.180	-7.687	-9.172	-10.341
3121	31.20	-10.916	-10.743	-9.868	-8.522	-7.041	-5.731	-4.754	-4.083	-3.533	-2.868
3131	31.30	-1.911	-0.621	0.901	2.481	3.958	5.257	6.405	7.490	8.594	9.735
3141	31.40	10.858	11.861	12.658	13.213	13.553	13.725	13.753	13.598	13.165	12.348
3151	31.50	11.096	9.451	7.551	5.584	3.719	2.049	0.573	-0.765	-2.027	-3.220
3161	31.60	-4.280	-5.096	-5.562	-5.632	-5.351	-4.842	-4.263	-3.756	-3.406	-3.237
3171	31.70	-3.221	-3.311	-3.462	-3.644	-3.842	-4.046	-4.256	-4.471	-4.696	-4.934
3181	31.80	-5.171	-5.373	-5.486	-5.456	-5.261	-4.931	-4.556	-4.247	-4.091	-4.093
3191	31.90	-4.153	-4.099	-3.749	-2.998	-1.875	-0.542	0.770	1.862	2.655	3.219
3201	32.00	3.739	4.412	5.344	6.483	7.637	8.550	9.023	8.997	8.575	7.970
3211	32.10	7.394	6.967	6.665	6.354	5.877	5.148	4.215	3.245	2.451	1.994
3221	32.20	1.912	2.104	2.387	2.585	2.603	2.464	2.278	2.166	2.199	2.354
3231	32.30	2.542	2.663	2.671	2.604	2.561	2.635	2.848	3.105	3.215	2.965
3241	32.40	2.215	0.961	-0.642	-2.340	-3.863	-5.023	-5.759	-6.133	-6.272	-6.306
3251	32.50	-6.313	-6.317	-6.311	-6.303	-6.339	-6.490	-6.822	-7.344	-7.991	-8.643
3261	32.60	-9.165	-9.471	-9.551	-9.468	-9.316	-9.161	-9.011	-8.818	-8.527	-8.121
3271	32.70	-7.665	-7.283	-7.105	-7.192	-7.476	-7.770	-7.822	-7.422	-6.485	-5.095
3281	32.80	-3.471	-1.875	-0.510	0.560	1.413	2.214	3.119	4.193	5.373	6.496
3291	32.90	7.379	7.898	8.050	7.945	7.762	7.663	7.733	7.945	8.183	8.293
3301	33.00	8.152	7.717	7.032	6.210	5.388	4.673	4.115	3.699	3.361	3.026
3311	33.10	2.641	2.198	1.734	1.310	0.981	0.766	0.633	0.515	0.338	0.069
3321	33.20	-0.257	-0.530	-0.597	-0.318	0.376	1.444	2.739	4.052	5.183	6.004
3331	33.30	6.494	6.727	6.824	6.891	6.973	7.045	7.036	6.885	6.570	6.127
3341	33.40	5.620	5.097	4.550	3.905	3.049	1.895	0.440	-1.206	-2.827	-4.164
3351	33.50	-4.992	-5.184	-4.738	-3.767	-2.441	-0.945	0.561	1.943	3.073	3.818
3361	33.60	4.043	3.650	2.633	1.121	-0.615	-2.222	-3.353	-3.780	-3.464	-2.564
3371	33.70	-1.371	-0.201	0.714	1.285	1.565	1.687	1.772	1.879	1.983	2.029
3381	33.80	1.990	1.914	1.913	2.106	2.526	3.062	3.457	3.391	2.602	1.009
3391	33.90	-1.233	-3.771	-6.171	-8.064	-9.257	-9.766	-9.759	-9.444	-8.967	-8.365
3401	34.00	-7.590	-6.590	-5.395	-4.147	-3.067	-2.363	-2.129	-2.300	-2.663	-2.958
3411	34.10	-2.984	-2.682	-2.152	-1.586	-1.174	-1.010	-1.063	-1.211	-1.318	-1.312
3421	34.20	-1.219	-1.137	-1.164	-1.323	-1.529	-1.610	-1.385	-0.747	0.280	1.548
3431	34.30	2.848	4.000	4.924	5.663	6.342	7.092	7.974	8.942	9.862	10.576
3441	34.40	10.975	11.049	10.885	10.614	10.342	10.089	9.777	9.272	8.452	7.284
3451	34.50	5.848	4.321	2.895	1.694	0.711	-0.193	-1.222	-2.544	-4.190	-6.015
3461	34.60	-7.725	-8.987	-9.555	-9.374	-8.603	-7.558	-6.589	-5.944	-5.692	-5.720
3471	34.70	-5.811	-5.764	-5.494	-5.072	-4.679	-4.513	-4.682	-5.148	-5.733	-6.202
3481	34.80	-6.355	-6.111	-5.529	-4.767	-4.013	-3.407	-3.008	-2.804	-2.752	-2.823
3491	34.90	-3.028	-3.404	-3.988	-4.784	-5.753	-6.827	-7.936	-9.030	-10.073	-11.023

Table 7-37-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-11.801	-12.278	-12.301	-11.749	-10.595	-8.943	-7.015	-5.089	-3.400	-2.065
3511	35.10	-1.041	-0.163	0.771	1.904	3.246	4.667	5.949	6.882	7.346	7.361
3521	35.20	7.064	6.644	6.254	5.950	5.674	5.297	4.697	3.826	2.752	1.635
3531	35.30	0.665	-0.020	-0.391	-0.548	-0.665	-0.916	-1.389	-2.041	-2.707	-3.171
3541	35.40	-3.252	-2.880	-2.125	-1.152	-0.154	0.739	1.497	2.175	2.855	3.560
3551	35.50	4.212	4.649	4.700	4.290	3.519	2.655	2.058	2.034	2.697	3.906
3561	35.60	5.300	6.434	6.950	6.718	5.881	4.785	3.833	3.327	3.366	3.844
3571	35.70	4.530	5.198	5.728	6.131	6.510	6.962	7.492	7.987	8.252	8.101
3581	35.80	7.450	6.362	5.033	3.716	2.623	1.857	1.397	1.133	0.934	0.714
3591	35.90	0.450	0.175	-0.069	-0.267	-0.450	-0.672	-0.980	-1.377	-1.820	-2.233
3601	36.00	-2.554	-2.768	-2.920	-3.094	-3.373	-3.794	-4.323	-4.866	-5.304	-5.536
3611	36.10	-5.516	-5.260	-4.831	-4.303	-3.736	-3.164	-2.598	-2.042	-1.510	-1.028
3621	36.20	-0.616	-0.279	0.003	0.262	0.522	0.767	0.937	0.938	0.688	0.160
3631	36.30	-0.583	-1.397	-2.099	-2.542	-2.668	-2.540	-2.314	-2.167	-2.222	-2.487
3641	36.40	-2.857	-3.169	-3.282	-3.150	-2.852	-2.555	-2.429	-2.556	-2.881	-3.218
3651	36.50	-3.323	-3.000	-2.184	-0.967	0.441	1.806	2.960	3.864	4.601	5.311
3661	36.60	6.111	7.024	7.961	8.768	9.291	9.452	9.279	8.890	8.443	8.064
3671	36.70	7.808	7.647	7.502	7.291	6.961	6.513	5.985	5.436	4.918	4.465
3681	36.80	4.091	3.801	3.593	3.460	3.387	3.353	3.340	3.351	3.417	3.590
3691	36.90	3.919	4.411	4.998	5.529	5.812	5.667	4.998	3.836	2.328	0.683
3701	37.00	-0.916	-2.381	-3.749	-5.147	-6.717	-8.522	-10.496	-12.440	-14.097	-15.240
3711	37.10	-15.761	-15.706	-15.242	-14.587	-13.920	-13.320	-12.767	-12.185	-11.505	-10.723
3721	37.20	-9.905	-9.158	-8.559	-8.109	-7.711	-7.203	-6.430	-5.317	-3.915	-2.393
3731	37.30	-0.984	0.098	0.731	0.922	0.791	0.514	0.252	0.093	0.033	-0.003
3741	37.40	-0.105	-0.327	-0.647	-0.974	-1.176	-1.137	-0.804	-0.210	0.534	1.279
3751	37.50	1.895	2.316	2.562	2.724	2.927	3.280	3.834	4.570	5.415	6.277
3761	37.60	7.088	7.824	8.503	9.156	9.792	10.369	10.797	10.963	10.784	10.246
3771	37.70	9.419	8.443	7.478	6.646	5.994	5.482	5.020	4.515	3.922	3.263
3781	37.80	2.617	2.076	1.690	1.435	1.215	0.891	0.333	-0.523	-1.658	-2.970
3791	37.90	-4.310	-5.532	-6.523	-7.235	-7.676	-7.896	-7.961	-7.935	-7.864	-7.769
3801	38.00	-7.651	-7.491	-7.261	-6.937	-6.504	-5.972	-5.370	-4.737	-4.103	-3.475
3811	38.10	-2.826	-2.105	-1.257	-0.258	0.869	2.045	3.154	4.073	4.701	4.989
3821	38.20	4.936	4.576	3.958	3.130	2.127	0.985	-0.252	-1.523	-2.752	-3.862
3831	38.30	-4.789	-5.498	-5.980	-6.251	-6.334	-6.253	-6.032	-5.690	-5.246	-4.713
3841	38.40	-4.100	-3.403	-2.607	-1.704	-0.703	0.356	1.408	2.382	3.235	3.977
3851	38.50	4.670	5.407	6.259	7.233	8.243	9.131	9.726	9.911	9.684	9.169
3861	38.60	8.569	8.087	7.844	7.829	7.900	7.847	7.476	6.680	5.471	3.963
3871	38.70	2.316	0.672	-0.889	-2.348	-3.726	-5.044	-6.300	-7.459	-8.484	-9.348
3881	38.80	-10.062	-10.656	-11.161	-11.580	-11.871	-11.961	-11.769	-11.246	-10.399	-9.295
3891	38.90	-8.046	-6.773	-5.584	-4.558	-3.737	-3.141	-2.768	-2.594	-2.566	-2.599
3901	39.00	-2.582	-2.401	-1.963	-1.232	-0.242	0.908	2.077	3.118	3.919	4.420
3911	39.10	4.629	4.611	4.468	4.314	4.243	4.317	4.541	4.873	5.236	5.548
3921	39.20	5.752	5.840	5.863	5.905	6.049	6.335	6.726	7.115	7.349	7.285
3931	39.30	6.830	5.979	4.808	3.446	2.051	0.676	-0.549	-1.614	-2.512	-3.244
3941	39.40	-3.813	-4.233	-4.532	-4.763	-4.981	-5.230	-5.519	-5.816	-6.064	-6.211
3951	39.50	-6.243	-6.200	-6.162	-6.215	-6.404	-6.703	-7.015	-7.203	-7.138	-6.755
3961	39.60	-6.076	-5.196	-4.265	-3.418	-2.741	-2.251	-1.901	-1.602	-1.265	-0.819
3971	39.70	-0.235	0.480	1.289	2.162	2.988	3.795	4.553	5.278	6.006	6.771
3981	39.80	7.587	8.436	9.260	9.984	10.542	10.907	11.107	11.221	11.338	11.516
3991	39.90	11.746	11.943	11.975	11.711	11.081	10.112	8.930	7.718	6.662	5.889

Table 7-37-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	5.439	5.268	5.282	5.386	5.521	5.679	5.894	6.206	6.633	7.142
4011	40.10	7.650	8.039	8.185	7.995	7.430	6.518	5.350	4.055	2.768	1.590
4021	40.20	0.564	-0.334	-1.174	-2.039	-2.982	-3.998	-5.025	-5.974	-6.770	-7.403
4031	40.30	-7.933	-8.475	-9.142	-9.995	-11.003	-12.053	-12.994	-13.696	-14.107	-14.256
4041	40.40	-14.219	-14.063	-13.789	-13.323	-12.547	-11.372	-9.803	-7.968	-6.078	-4.353
4051	40.50	-2.921	-1.764	-0.727	0.407	1.804	3.484	5.288	6.930	8.096	8.569
4061	40.60	8.308	7.453	6.264	5.021	3.929	3.071	2.423	1.900	1.423	0.958
4071	40.70	0.512	0.114	-0.228	-0.534	-0.853	-1.226	-1.665	-2.137	-2.580	-2.931
4081	40.80	-3.155	-3.255	-3.263	-3.219	-3.146	-3.055	-2.947	-2.837	-2.757	-2.742
4091	40.90	-2.800	-2.888	-2.904	-2.714	-2.211	-1.366	-0.260	0.931	1.994	2.756
4101	41.00	3.141	3.182	2.983	2.657	2.258	1.760	1.082	0.149	-1.048	-2.422
4111	41.10	-3.811	-5.039	-5.982	-6.617	-7.009	-7.266	-7.472	-7.641	-7.712	-7.593
4121	41.20	-7.222	-6.612	-5.866	-5.138	-4.570	-4.233	-4.111	-4.112	-4.125	-4.071
4131	41.30	-3.932	-3.744	-3.561	-3.414	-3.285	-3.122	-2.862	-2.477	-1.994	-1.485
4141	41.40	-1.040	-0.723	-0.547	-0.470	-0.417	-0.311	-0.100	0.235	0.685	1.229
4151	41.50	1.842	2.493	3.141	3.723	4.168	4.412	4.426	4.226	3.890	3.510
4161	41.60	3.167	2.898	2.685	2.472	2.205	1.868	1.505	1.204	1.069	1.172
4171	41.70	1.522	2.066	2.708	3.355	3.952	4.493	5.013	5.551	6.119	6.683
4181	41.80	7.174	7.509	7.637	7.556	7.320	7.014	6.719	6.476	6.268	6.032
4191	41.90	5.686	5.170	4.473	3.642	2.762	1.920	1.172	0.519	-0.088	-0.722
4201	42.00	-1.435	-2.227	-3.034	-3.743	-4.229	-4.405	-4.247	-3.806	-3.183	-2.492
4211	42.10	-1.825	-1.226	-0.699	-0.220	0.234	0.676	1.105	1.522	1.940	2.381
4221	42.20	2.864	3.380	3.877	4.262	4.439	4.342	3.977	3.429	2.830	2.310
4231	42.30	1.939	1.701	1.502	1.225	0.789	0.192	-0.488	-1.129	-1.637	-1.986
4241	42.40	-2.239	-2.504	-2.671	-3.351	-3.850	-4.200	-4.233	-3.859	-3.118	-2.172
4251	42.50	-1.247	-0.543	-0.163	-0.081	-0.174	-0.286	-0.302	-0.195	-0.024	0.105
4261	42.60	0.100	-0.076	-0.390	-0.760	-1.096	-1.337	-1.474	-1.538	-1.582	-1.654
4271	42.70	-1.776	-1.950	-2.155	-2.359	-2.518	-2.575	-2.462	-2.115	-1.490	-0.597
4281	42.80	0.486	1.625	2.642	3.382	3.750	3.748	3.468	3.060	2.678	2.431
4291	42.90	2.354	2.409	2.509	2.567	2.528	2.394	2.216	2.070	2.031	2.139
4301	43.00	2.393	2.749	3.140	3.496	3.764	3.917	3.954	3.888	3.734	3.504
4311	43.10	3.198	2.813	2.352	1.832	1.284	0.749	0.265	-0.150	-0.502	-0.823
4321	43.20	-1.155	-1.532	-1.961	-2.424	-2.880	-3.289	-3.637	-3.948	-4.278	-4.694
4331	43.30	-5.242	-5.917	-6.654	-7.345	-7.878	-8.177	-8.241	-8.146	-8.020	-7.996
4341	43.40	-8.154	-8.485	-8.891	-9.216	-9.306	-9.063	-8.486	-7.666	-6.748	-5.873
4351	43.50	-5.124	-4.504	-3.945	-3.347	-2.634	-1.792	-0.876	0.014	0.779	1.364
4361	43.60	1.783	2.104	2.420	2.799	3.255	3.745	4.193	4.532	4.735	4.834
4371	43.70	4.904	5.023	5.235	5.520	5.801	5.967	5.916	5.603	5.051	4.357
4381	43.80	3.655	3.087	2.758	2.721	2.970	3.453	4.090	4.794	5.486	6.101
4391	43.90	6.597	6.952	7.167	7.271	7.315	7.367	7.500	7.778	8.231	8.849
4401	44.00	9.573	10.303	10.917	11.293	11.339	11.003	10.284	9.225	7.899	6.400
4411	44.10	4.820	3.250	1.765	0.419	-0.768	-1.812	-2.773	-3.737	-4.793	-5.998
4421	44.20	-7.351	-8.778	-10.156	-11.341	-12.227	-12.775	-13.026	-13.078	-13.047	-13.019
4431	44.30	-13.022	-13.033	-13.004	-12.899	-12.720	-12.507	-12.312	-12.164	-12.046	-11.899
4441	44.40	-11.645	-11.230	-10.650	-9.955	-9.221	-8.510	-7.839	-7.169	-6.439	-5.603
4451	44.50	-4.671	-3.718	-2.861	-2.205	-1.798	-1.606	-1.538	-1.485	-1.377	-1.214
4461	44.60	-1.056	-0.979	-1.024	-1.156	-1.270	-1.227	-0.918	-0.313	0.523	1.459
4471	44.70	2.352	3.107	3.711	4.220	4.726	5.300	5.957	6.646	7.278	7.762
4481	44.80	8.044	8.118	8.022	7.809	7.520	7.174	6.773	6.315	5.811	5.292
4491	44.90	4.797	4.359	3.998	3.715	3.510	3.391	3.384	3.523	3.827	4.279

Table 7-37-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	4.817	5.338	5.744	5.975	6.045	6.040	6.085	6.287	6.679	7.194
4511	45.10	7.681	7.956	7.880	7.410	6.620	5.670	4.741	3.965	3.384	2.952
4521	45.20	2.576	2.180	1.745	1.323	1.004	0.865	0.924	1.127	1.377	1.580
4531	45.30	1.697	1.753	1.815	1.939	2.111	2.236	2.167	1.771	1.001	-0.060
4541	45.40	-1.222	-2.259	-3.009	-3.438	-3.667	-3.909	-4.382	-5.202	-6.340	-7.625
4551	45.50	-8.824	-9.736	-10.268	-10.459	-10.439	-10.361	-10.315	-10.291	-10.180	-9.828
4561	45.60	-9.099	-7.937	-6.391	-4.601	-2.756	-1.045	0.390	1.480	2.230	2.704
4571	45.70	2.992	3.179	3.313	3.396	3.391	3.241	2.911	2.407	1.788	1.147
4581	45.80	0.567	0.090	-0.308	-0.698	-1.160	-1.724	-2.342	-2.892	-3.225	-3.235
4591	45.90	-2.911	-2.351	-1.720	-1.175	-0.793	-0.538	-0.286	0.103	0.702	1.473
4601	46.00	2.273	2.925	3.299	3.377	3.260	3.105	3.043	3.102	3.189	3.141
4611	46.10	2.808	2.146	1.257	0.354	-0.322	-0.604	-0.470	-0.043	0.464	0.843
4621	46.20	0.976	0.875	0.652	0.462	0.423	0.571	0.851	1.154	1.374	1.452
4631	46.30	1.397	1.278	1.187	1.203	1.363	1.651	2.012	2.368	2.646	2.800
4641	46.40	2.823	2.747	2.629	2.532	2.498	2.529	2.586	2.600	2.501	2.245
4651	46.50	1.838	1.328	0.791	0.296	-0.123	-0.467	-0.768	-1.058	-1.347	-1.620
4661	46.60	-1.841	-1.983	-2.048	-2.074	-2.118	-2.227	-2.412	-2.639	-2.840	-2.946
4671	46.70	-2.916	-2.755	-2.504	-2.217	-1.928	-1.636	-1.315	-0.934	-0.492	-0.031
4681	46.80	0.372	0.630	0.689	0.547	0.258	-0.090	-0.410	-0.650	-0.802	-0.891
4691	46.90	-0.956	-1.024	-1.099	-1.166	-1.207	-1.215	-1.200	-1.183	-1.182	-1.205
4701	47.00	-1.244	-1.286	-1.324	-1.361	-1.409	-1.473	-1.540	-1.570	-1.511	-1.316
4711	47.10	-0.971	-0.503	0.019	0.513	0.914	1.201	1.398	1.563	1.753	1.993
4721	47.20	2.257	2.481	2.580	2.490	2.182	1.679	1.040	0.333	-0.379	-1.057
4731	47.30	-1.684	-2.251	-2.748	-3.162	-3.481	-3.703	-3.851	-3.960	-4.073	-4.214
4741	47.40	-4.379	-4.533	-4.627	-4.622	-4.512	-4.336	-4.159	-4.050	-4.048	-4.143
4751	47.50	-4.277	-4.369	-4.348	-4.179	-3.873	-3.471	-3.022	-2.552	-2.057	-1.513
4761	47.60	-0.897	-0.214	0.499	1.185	1.795	2.321	2.799	3.293	3.862	4.518
4771	47.70	5.210	5.839	6.302	6.542	6.579	6.500	6.415	6.392	6.408	6.346
4781	47.80	6.038	5.346	4.242	2.844	1.390	0.160	-0.626	-0.891	-0.723	-0.331
4791	47.90	0.049	0.247	0.221	0.055	-0.098	-0.096	0.119	0.500	0.925	1.252
4801	48.00	1.392	1.332	1.141	0.919	0.748	0.662	0.637	0.620	0.567	0.467
4811	48.10	0.367	0.251	0.206	0.207	0.215	0.183	0.085	-0.061	-0.198	-0.267
4821	48.20	-0.239	-0.153	-0.114	-0.253	-0.680	-1.422	-2.404	-3.461	-4.394	-5.037
4831	48.30	-5.313	-5.255	-4.978	-4.632	-4.334	-4.134	-4.005	-3.866	-3.633	-3.252
4841	48.40	-2.719	-2.068	-1.347	-0.588	0.203	1.037	1.918	2.817	3.664	4.363
4851	48.50	4.826	5.009	4.939	4.707	4.441	4.262	4.243	4.390	4.648	4.934
4861	48.60	5.165	5.290	5.298	5.206	5.042	4.828	4.575	4.289	3.984	3.685
4871	48.70	3.426	3.240	3.133	3.077	3.015	2.875	2.600	2.170	1.614	1.002
4881	48.80	0.424	-0.040	-0.340	-0.468	-0.456	-0.366	-0.264	-0.213	-0.254	-0.406
4891	48.90	-0.657	-0.975	-1.308	-1.605	-1.825	-1.950	-1.996	-2.001	-2.011	-2.063
4901	49.00	-2.165	-2.293	-2.398	-2.431	-2.363	-2.193	-1.954	-1.689	-1.432	-1.194
4911	49.10	-0.966	-0.729	-0.481	-0.250	-0.094	-0.078	-0.251	-0.612	-1.106	-1.643
4921	49.20	-2.123	-2.480	-2.696	-2.801	-2.849	-2.884	-2.919	-2.933	-2.893	-2.780
4931	49.30	-2.613	-2.444	-2.339	-2.332	-2.405	-2.479	-2.446	-2.217	-1.767	-1.161
4941	49.40	-0.531	-0.031	0.226	0.216	0.004	-0.280	-0.504	-0.591	-0.543	-0.436
4951	49.50	-0.374	-0.434	-0.632	-0.909	-1.163	-1.295	-1.248	-1.033	-0.710	-0.366
4961	49.60	-0.070	0.148	0.304	0.437	0.588	0.778	0.993	1.200	1.357	1.432
4971	49.70	1.408	1.284	1.065	0.755	0.352	-0.148	-0.744	-1.424	-2.160	-2.903
4981	49.80	-3.587	-4.139	-4.484	-4.565	-4.357	-3.880	-3.206	-2.445	-1.725	-1.156
4991	49.90	-0.797	-0.644	-0.631	-0.661	-0.639	-0.511	-0.278	0.015	0.304	0.542

Table 7-37-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.716	0.858	1.021	1.258	1.593	2.010	2.469	2.920	3.326	3.684
5011	50.10	4.013	4.350	4.721	5.133	5.564	5.969	6.296	6.491	6.518	6.358
5021	50.20	6.014	5.511	4.892	4.211	3.526	2.884	2.311	1.804	1.336	0.865
5031	50.30	0.356	-0.205	-0.804	-1.399	-1.939	-2.378	-2.691	-2.873	-2.944	-2.929
5041	50.40	-2.855	-2.744	-2.610	-2.471	-2.342	-2.242	-2.182	-2.161	-2.158	-2.140
5051	50.50	-2.066	-1.906	-1.669	-1.311	-0.932	-0.564	-0.255	-0.034	0.096	0.162
5061	50.60	0.212	0.294	0.448	0.682	0.973	1.274	1.529	1.698	1.777	1.805
5071	50.70	1.853	1.998	2.288	2.719	3.228	3.712	4.069	4.233	4.209	4.065
5081	50.80	3.906	3.827	3.868	3.997	4.126	4.147	3.988	3.644	3.176	2.684
5091	50.90	2.250	1.898	1.577	1.185	0.623	-0.154	-1.097	-2.077	-2.927	-3.514
5101	51.00	-3.793	-3.832	-3.777	-3.797	-4.009	-4.432	-4.984	-5.520	-5.897	-6.039
5111	51.10	-5.957	-5.745	-5.525	-5.395	-5.389	-5.471	-5.561	-5.578	-5.483	-5.289
5121	51.20	-5.051	-4.830	-4.662	-4.539	-4.416	-4.259	-3.966	-3.592	-3.144	-2.663
5131	51.30	-2.184	-1.720	-1.264	-0.804	-0.345	0.088	0.450	0.695	0.800	0.779
5141	51.40	0.679	0.567	0.501	0.513	0.597	0.716	0.818	0.854	0.789	0.611
5151	51.50	0.328	-0.032	-0.420	-0.775	-1.029	-1.120	-1.013	-0.712	-0.263	0.261
5161	51.60	0.784	1.258	1.674	2.063	2.472	2.930	3.425	3.904	4.293	4.533
5171	51.70	4.612	4.580	4.525	4.542	4.685	4.944	5.246	5.488	5.580	5.481
5181	51.80	5.216	4.861	4.506	4.224	4.043	3.944	3.883	3.812	3.703	3.552
5191	51.90	3.376	3.196	3.029	2.879	2.766	2.624	2.510	2.402	2.292	2.167
5201	52.00	2.006	1.789	1.506	1.165	0.793	0.421	0.079	-0.226	-0.510	-0.816
5211	52.10	-1.201	-1.718	-2.397	-3.234	-4.188	-5.182	-6.121	-6.913	-7.489	-7.827
5221	52.20	-7.953	-7.938	-7.869	-7.829	-7.867	-7.988	-8.158	-8.323	-8.439	-8.485
5231	52.30	-8.471	-8.423	-8.363	-8.294	-8.195	-8.032	-7.779	-7.435	-7.024	-6.585
5241	52.40	-6.148	-5.717	-5.262	-4.737	-4.106	-3.362	-2.544	-1.717	-0.951	-0.284
5251	52.50	0.290	0.821	1.376	2.003	2.709	3.453	4.160	4.754	5.186	5.446
5261	52.60	5.562	5.584	5.562	5.529	5.506	5.499	5.516	5.563	5.644	5.754
5271	52.70	5.872	5.964	5.995	5.945	5.816	5.634	5.440	5.271	5.147	5.065
5281	52.80	5.007	4.948	4.878	4.803	4.747	4.740	4.803	4.941	5.136	5.352
5291	52.90	5.548	5.687	5.748	5.723	5.626	5.478	5.302	5.118	4.928	4.719
5301	53.00	4.463	4.127	3.689	3.141	2.502	1.810	1.113	0.454	-0.142	-0.667
5311	53.10	-1.130	-1.544	-1.918	-2.249	-2.528	-2.744	-2.894	-2.980	-3.015	-3.010
5321	53.20	-2.975	-2.917	-2.841	-2.755	-2.671	-2.598	-2.536	-2.470	-2.378	-2.233
5331	53.30	-2.028	-1.778	-1.526	-1.320	-1.193	-1.145	-1.128	-1.069	-0.898	-0.577
5341	53.40	-0.124	0.395	0.895	1.299	1.578	1.747	1.856	1.959	2.084	2.228
5351	53.50	2.366	2.474	2.554	2.635	2.761	2.960	3.223	3.502	3.724	3.830
5361	53.60	3.801	3.669	3.501	3.360	3.277	3.234	3.176	3.048	2.825	2.531
5371	53.70	2.223	1.954	1.736	1.525	1.234	0.776	0.108	-0.739	-1.673	-2.586
5381	53.80	-3.401	-4.112	-4.775	-5.469	-6.236	-7.045	-7.789	-8.335	-8.587	-8.543
5391	53.90	-8.310	-8.061	-7.958	-8.076	-8.366	-8.677	-8.825	-8.677	-8.217	-7.545
5401	54.00	-6.836	-6.251	-5.875	-5.684	-5.572	-5.414	-5.132	-4.728	-4.279	-3.889
5411	54.10	-3.629	-3.505	-3.458	-3.397	-3.250	-3.000	-2.686	-2.376	-2.130	-1.962
5421	54.20	-1.840	-1.707	-1.515	-1.254	-0.958	-0.681	-0.464	-0.312	-0.190	-0.043
5431	54.30	0.171	0.455	0.768	1.049	1.243	1.336	1.359	1.370	1.420	1.525
5441	54.40	1.656	1.747	1.736	1.589	1.322	0.990	0.663	0.392	0.191	0.037
5451	54.50	-0.108	-0.271	-0.453	-0.624	-0.745	-0.790	-0.767	-0.716	-0.691	-0.738
5461	54.60	-0.867	-1.046	-1.208	-1.275	-1.183	-0.903	-0.445	0.143	0.794	1.432
5471	54.70	1.990	2.417	2.689	2.806	2.799	2.715	2.607	2.514	2.455	2.424
5481	54.80	2.404	2.380	2.365	2.394	2.521	2.787	3.196	3.695	4.190	4.574
5491	54.90	4.773	4.777	4.647	4.491	4.419	4.492	4.696	4.948	5.135	5.161

Table 7-37-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	4.989	4.658	4.254	3.877	3.590	3.407	3.291	3.184	3.043	2.854
5511	55.10	2.637	2.423	2.225	2.032	1.808	1.519	1.153	0.736	0.320	-0.042
5521	55.20	-0.323	-0.541	-0.747	-0.998	-1.324	-1.711	-2.106	-2.448	-2.703	-2.889
5531	55.30	-3.068	-3.319	-3.693	-4.181	-4.709	-5.171	-5.471	-5.568	-5.489	-5.310
5541	55.40	-5.113	-4.941	-4.780	-4.570	-4.245	-3.782	-3.217	-2.641	-2.156	-1.822
5551	55.50	-1.625	-1.479	-1.268	-0.903	-0.373	0.246	0.819	1.217	1.380	1.346
5561	55.60	1.246	1.246	1.477	1.978	2.683	3.446	4.100	4.525	4.684	4.630
5571	55.70	4.473	4.328	4.270	4.310	4.407	4.490	4.496	4.395	4.193	3.920
5581	55.80	3.612	3.289	2.957	2.608	2.243	1.874	1.535	1.265	1.097	1.036
5591	55.90	1.058	1.111	1.137	1.095	0.973	0.802	0.638	0.547	0.578	0.749
5601	56.00	1.037	1.395	1.762	2.090	2.352	2.552	2.713	2.864	3.030	3.223
5611	56.10	3.441	3.673	3.906	4.131	4.366	4.550	4.747	4.937	5.118	5.280
5621	56.20	5.406	5.476	5.462	5.339	5.090	4.716	4.239	3.702	3.151	2.629
5631	56.30	2.150	1.704	1.252	0.753	0.179	-0.467	-1.147	-1.807	-2.401	-2.910
5641	56.40	-3.360	-3.806	-4.311	-4.909	-5.587	-6.276	-6.878	-7.298	-7.488	-7.463
5651	56.50	-7.304	-7.126	-7.038	-7.102	-7.316	-7.612	-7.894	-8.067	-8.080	-7.936
5661	56.60	-7.690	-7.416	-7.183	-7.024	-6.934	-6.876	-6.807	-6.700	-6.556	-6.403
5671	56.70	-6.225	-6.196	-6.159	-6.125	-6.035	-5.833	-5.486	-5.001	-4.418	-3.801
5681	56.80	-3.217	-2.720	-2.338	-2.077	-1.922	-1.848	-1.821	-1.804	-1.760	-1.657
5691	56.90	-1.484	-1.253	-1.003	-0.791	-0.668	-0.658	-0.745	-0.875	-0.976	-0.988
5701	57.00	-0.892	-0.711	-0.504	-0.329	-0.219	-0.162	-0.114	-0.031	0.104	0.259
5711	57.10	0.366	0.351	0.177	-0.127	-0.476	-0.764	-0.912	-0.914	-0.839	-0.801
5721	57.20	-0.899	-1.162	-1.523	-1.844	-1.968	-1.793	-1.314	-0.622	0.136	0.828
5731	57.30	1.395	1.872	2.361	2.975	3.772	4.723	5.717	6.602	7.250	7.598
5741	57.40	7.668	7.546	7.336	7.126	6.958	6.832	6.726	6.615	6.485	6.330
5751	57.50	6.136	5.877	5.514	5.013	4.366	3.612	2.828	2.119	1.573	1.241
5761	57.60	1.115	1.133	1.206	1.245	1.191	1.028	0.781	0.501	0.248	0.073
5771	57.70	0.007	0.056	0.200	0.400	0.607	0.776	0.878	0.913	0.905	0.898
5781	57.80	0.933	1.029	1.172	1.317	1.404	1.383	1.237	0.990	0.693	0.409
5791	57.90	0.178	0.011	-0.117	-0.242	-0.394	-0.573	-0.751	-0.880	-0.922	-0.865
5801	58.00	-0.733	-0.576	-0.450	-0.388	-0.394	-0.441	-0.488	-0.500	-0.468	-0.405
5811	58.10	-0.340	-0.300	-0.294	-0.314	-0.335	-0.337	-0.309	-0.261	-0.210	-0.175
5821	58.20	-0.165	-0.174	-0.189	-0.194	-0.182	-0.152	-0.107	-0.044	0.045	0.176
5831	58.30	0.357	0.582	0.824	1.046	1.216	1.321	1.381	1.438	1.537	1.707
5841	58.40	1.938	2.187	2.395	2.512	2.525	2.460	2.372	2.314	2.312	2.350
5851	58.50	2.381	2.351	2.229	2.024	1.780	1.548	1.359	1.200	1.016	0.734
5861	58.60	0.308	-0.257	-0.894	-1.489	-1.929	-2.146	-2.139	-1.978	-1.773	-1.631
5871	58.70	-1.618	-1.740	-1.946	-2.164	-2.327	-2.405	-2.410	-2.387	-2.391	-2.463
5881	58.80	-2.612	-2.809	-2.995	-3.104	-3.081	-2.903	-2.589	-2.197	-1.807	-1.487
5891	58.90	-1.277	-1.161	-1.082	-0.961	-0.740	-0.416	-0.054	0.223	0.285	0.043
5901	59.00	-0.505	-1.263	-2.070	-2.754	-3.196	-3.370	-3.344	-3.242	-3.184	-3.240
5911	59.10	-3.403	-3.604	-3.757	-3.798	-3.717	-3.548	-3.354	-3.183	-3.053	-2.949
5921	59.20	-2.846	-2.730	-2.616	-2.540	-2.538	-2.622	-2.768	-2.929	-3.058	-3.138
5931	59.30	-3.191	-3.267	-3.403	-3.599	-3.791	-3.867	-3.712	-3.254	-2.501	-1.546
5941	59.40	-0.531	0.405	1.176	1.773	2.251	2.691	3.152	3.641	4.110	4.484
5951	59.50	4.698	4.732	4.615	4.415	4.204	4.030	3.904	3.808	3.712	3.601
5961	59.60	3.478	3.368	3.292	3.255	3.242	3.217	3.149	3.030	2.878	2.733
5971	59.70	2.640	2.626	2.686	2.787	2.888	2.952	2.972	2.964	2.958	2.982
5981	59.80	3.039	3.111	3.169	3.187	3.164	3.124	3.108	3.148	3.246	3.368
5991	59.90	3.451	3.433	3.278	2.999	2.656	2.328	2.081	1.934	1.849	1.747

Table 7-37-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	1.540	1.178	0.666	0.065	-0.533	-1.048	-1.448	-1.753	-2.026	-2.336
6011	60.10	-2.723	-3.178	-3.651	-4.074	-4.396	-4.602	-4.716	-4.781	-4.830	-4.872
6021	60.20	-4.892	-4.865	-4.785	-4.681	-4.609	-4.630	-4.779	-5.040	-5.348	-5.605
6031	60.30	-5.724	-5.650	-5.381	-4.948	-4.395	-3.751	-3.020	-2.199	-1.301	-0.373
6041	60.40	0.497	1.208	1.686	1.913	1.967	1.896	1.876	1.961	2.152	2.382
6051	60.50	2.551	2.574	2.421	2.131	1.790	1.490	1.290	1.195	1.164	1.138
6061	60.60	1.073	0.957	0.810	0.662	0.534	0.423	0.310	0.178	0.033	-0.088
6071	60.70	-0.133	-0.054	0.158	0.471	0.817	1.122	1.338	1.463	1.536	1.614
6081	60.80	1.744	1.930	2.140	2.317	2.412	2.408	2.330	2.232	2.171	2.180
6091	60.90	2.254	2.360	2.452	2.498	2.494	2.464	2.445	2.469	2.548	2.672
6101	61.00	2.822	2.978	3.130	3.281	3.433	3.575	3.682	3.714	3.636	3.435
6111	61.10	3.132	2.779	2.443	2.182	2.024	1.956	1.932	1.889	1.772	1.545
6121	61.20	1.202	0.756	0.229	-0.353	-0.970	-1.599	-2.211	-2.768	-3.230	-3.570
6131	61.30	-3.785	-3.907	-3.991	-4.100	-4.279	-4.539	-4.843	-5.127	-5.322	-5.382
6141	61.40	-5.305	-5.134	-4.941	-4.795	-4.739	-4.773	-4.859	-4.939	-4.969	-4.934
6151	61.50	-4.853	-4.773	-4.737	-4.768	-4.850	-4.934	-4.957	-4.872	-4.661	-4.349
6161	61.60	-3.987	-3.635	-3.339	-3.111	-2.934	-2.771	-2.589	-2.371	-2.124	-1.870
6171	61.70	-1.633	-1.425	-1.239	-1.054	-0.850	-0.617	-0.366	-0.117	0.105	0.294
6181	61.80	0.464	0.646	0.873	1.163	1.508	1.876	2.226	2.532	2.793	3.037
6191	61.90	3.300	3.607	3.952	4.293	4.568	4.728	4.760	4.701	4.624	4.605
6201	62.00	4.690	4.871	5.094	5.284	5.389	5.403	5.376	5.386	5.495	5.716
6211	62.10	5.994	6.230	6.319	6.198	5.872	5.407	4.900	4.430	4.029	3.677
6221	62.20	3.325	2.935	2.507	2.088	1.752	1.556	1.513	1.579	1.674	1.717
6231	62.30	1.665	1.524	1.345	1.183	1.073	1.009	0.952	0.864	0.728	0.569
6241	62.40	0.433	0.362	0.357	0.365	0.295	0.051	-0.420	-1.103	-1.924	-2.772
6251	62.50	-3.552	-4.210	-4.745	-5.187	-5.567	-5.891	-6.133	-6.255	-6.239	-6.108
6261	62.60	-5.923	-5.766	-5.697	-5.724	-5.800	-5.843	-5.775	-5.557	-5.210	-4.797
6271	62.70	-4.395	-4.054	-3.784	-3.554	-3.321	-3.063	-2.792	-2.553	-2.397	-2.352
6281	62.80	-2.400	-2.482	-2.523	-2.466	-2.295	-2.042	-1.765	-1.526	-1.355	-1.246
6291	62.90	-1.165	-1.069	-0.935	-0.763	-0.575	-0.398	-0.241	-0.093	0.076	0.295
6301	63.00	0.576	0.904	1.242	1.546	1.781	1.936	2.025	2.073	2.110	2.158
6311	63.10	2.227	2.317	2.428	2.557	2.697	2.836	2.953	3.023	3.027	2.961
6321	63.20	2.844	2.713	2.608	2.558	2.563	2.598	2.623	2.602	2.520	2.392
6331	63.30	2.258	2.156	2.108	2.106	2.108	2.061	1.916	1.652	1.278	0.834
6341	63.40	0.367	-0.075	-0.464	-0.784	-1.031	-1.204	-1.303	-1.331	-1.302	-1.239
6351	63.50	-1.177	-1.150	-1.183	-1.278	-1.420	-1.576	-1.710	-1.788	-1.788	-1.692
6361	63.60	-1.492	-1.185	-0.782	-0.310	0.181	0.632	0.984	1.208	1.314	1.355
6371	63.70	1.405	1.528	1.746	2.024	2.285	2.435	2.413	2.210	1.879	1.502
6381	63.80	1.153	0.861	0.595	0.290	-0.119	-0.650	-1.255	-1.835	-2.275	-2.497
6391	63.90	-2.495	-2.333	-2.115	-1.935	-1.833	-1.780	-1.697	-1.497	-1.129	-0.605
6401	64.00	0.003	0.599	1.095	1.449	1.667	1.791	1.867	1.923	1.961	1.966
6411	64.10	1.925	1.841	1.737	1.644	1.582	1.553	1.537	1.502	1.429	1.317
6421	64.20	1.186	1.066	0.980	0.931	0.903	0.871	0.819	0.752	0.693	0.668
6431	64.30	0.696	0.769	0.855	0.917	0.924	0.878	0.807	0.756	0.760	0.827
6441	64.40	0.922	0.982	0.942	0.767	0.466	0.103	-0.231	-0.451	-0.510	-0.415
6451	64.50	-0.230	-0.040	0.076	0.085	0.005	-0.102	-0.162	-0.124	0.016	0.216
6461	64.60	0.406	0.525	0.552	0.514	0.477	0.505	0.630	0.828	1.029	1.141
6471	64.70	1.098	0.887	0.559	0.203	-0.095	-0.292	-0.402	-0.490	-0.630	-0.873
6481	64.80	-1.217	-1.618	-2.013	-2.358	-2.651	-2.929	-3.241	-3.614	-4.028	-4.423
6491	64.90	-4.721	-4.869	-4.866	-4.760	-4.627	-4.529	-4.481	-4.449	-4.371	-4.194

Table 7-37-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-3.910	-3.556	-3.200	-2.900	-2.668	-2.465	-2.218	-1.859	-1.362	-0.761
6511	65.10	-0.131	0.442	0.905	1.249	1.504	1.714	1.900	2.055	2.146	2.148
6521	65.20	2.063	1.935	1.831	1.809	1.892	2.057	2.246	2.403	2.499	2.548
6531	65.30	2.589	2.662	2.778	2.914	3.027	3.089	3.104	3.116	3.184	3.341
6541	65.40	3.566	3.782	3.886	3.797	3.500	3.054	2.568	2.144	1.831	1.597
6551	65.50	1.352	0.993	0.458	-0.240	-1.026	-1.804	-2.507	-3.128	-3.715	-4.330
6561	65.60	-5.000	-5.686	-6.285	-6.678	-6.785	-6.608	-6.238	-5.815	-5.469	-5.264
6571	65.70	-5.178	-5.124	-4.996	-4.730	-4.328	-3.857	-3.412	-3.065	-2.839	-2.697
6581	65.80	-2.568	-2.386	-2.117	-1.773	-1.394	-1.028	-0.701	-0.414	-0.145	0.128
6591	65.90	0.414	0.701	0.964	1.183	1.351	1.488	1.624	1.795	2.020	2.297
6601	66.00	2.603	2.902	3.158	3.342	3.440	3.455	3.401	3.306	3.197	3.105
6611	66.10	3.050	3.039	3.065	3.109	3.147	3.161	3.146	3.111	3.077	3.063
6621	66.20	3.078	3.114	3.151	3.162	3.123	3.023	2.869	2.679	2.479	2.293
6631	66.30	2.141	2.035	1.979	1.971	2.002	2.059	2.128	2.192	2.235	2.245
6641	66.40	2.217	2.146	2.032	1.881	1.699	1.499	1.297	1.110	0.955	0.836
6651	66.50	0.747	0.671	0.582	0.459	0.288	0.072	-0.176	-0.440	-0.709	-0.982
6661	66.60	-1.262	-1.556	-1.857	-2.146	-2.394	-2.573	-2.670	-2.694	-2.680	-2.672
6671	66.70	-2.710	-2.809	-2.956	-3.111	-3.221	-3.244	-3.161	-2.986	-2.754	-2.512
6681	66.80	-2.296	-2.129	-2.010	-1.922	-1.849	-1.776	-1.705	-1.646	-1.614	-1.623
6691	66.90	-1.673	-1.751	-1.836	-1.899	-1.913	-1.859	-1.727	-1.519	-1.249	-0.938
6701	67.00	-0.613	-0.297	-0.010	0.240	0.455	0.647	0.834	1.031	1.249	1.487
6711	67.10	1.740	1.997	2.249	2.490	2.719	2.934	3.128	3.286	3.387	3.414
6721	67.20	3.361	3.237	3.058	2.887	2.720	2.570	2.422	2.243	2.001	1.686
6731	67.30	1.317	0.944	0.627	0.417	0.332	0.350	0.421	0.487	0.504	0.460
6741	67.40	0.373	0.274	0.191	0.134	0.091	0.040	-0.034	-0.128	-0.220	-0.285
6751	67.50	-0.308	-0.301	-0.302	-0.357	-0.499	-0.727	-0.999	-1.252	-1.420	-1.467
6761	67.60	-1.399	-1.258	-1.108	-1.000	-0.960	-0.980	-1.028	-1.073	-1.093	-1.088
6771	67.70	-1.071	-1.056	-1.047	-1.029	-0.981	-0.879	-0.716	-0.497	-0.244	0.017
6781	67.80	0.264	0.479	0.646	0.753	0.782	0.722	0.572	0.350	0.094	-0.151
6791	67.90	-0.343	-0.464	-0.526	-0.561	-0.612	-0.706	-0.848	-1.015	-1.171	-1.289
6801	68.00	-1.364	-1.418	-1.492	-1.624	-1.834	-2.113	-2.427	-2.734	-3.005	-3.232
6811	68.10	-3.433	-3.632	-3.848	-4.074	-4.275	-4.405	-4.417	-4.292	-4.043	-3.714
6821	68.20	-3.360	-3.032	-2.755	-2.528	-2.328	-2.126	-1.907	-1.668	-1.425	-1.195
6831	68.30	-0.988	-0.801	-0.617	-0.415	-0.185	0.070	0.330	0.573	0.782	0.957
6841	68.40	1.117	1.289	1.498	1.760	2.075	2.435	2.828	3.243	3.670	4.093
6851	68.50	4.481	4.791	4.976	5.005	4.884	4.663	4.424	4.252	4.198	4.257
6861	68.60	4.358	4.395	4.273	3.947	3.452	2.893	2.404	2.098	2.020	2.140
6871	68.70	2.365	2.589	2.736	2.780	2.751	2.697	2.655	2.624	2.573	2.456
6881	68.80	2.250	1.967	1.653	1.359	1.111	0.892	0.647	0.314	-0.136	-0.622
6891	68.90	-1.207	-1.630	-1.854	-1.859	-1.704	-1.501	-1.368	-1.378	-1.531	-1.755
6901	69.00	-1.948	-2.023	-1.947	-1.746	-1.493	-1.260	-1.093	-0.993	-0.928	-0.858
6911	69.10	-0.760	-0.637	-0.514	-0.416	-0.354	-0.314	-0.273	-0.213	-0.139	-0.074
6921	69.20	-0.047	-0.071	-0.130	-0.183	-0.189	-0.137	-0.063	-0.048	-0.135	-0.532
6931	69.30	-1.077	-1.726	-2.327	-2.723	-2.812	-2.579	-2.101	-1.511	-0.946	-0.496
6941	69.40	-0.187	0.014	0.162	0.298	0.424	0.504	0.493	0.360	0.117	-0.188
6951	69.50	-0.483	-0.708	-0.834	-0.873	-0.871	-0.888	-0.975	-1.161	-1.454	-1.839
6961	69.60	-2.291	-2.773	-3.238	-3.637	-3.921	-4.061	-4.059	-3.952	-3.804	-3.682
6971	69.70	-3.627	-3.631	-3.636	-3.555	-3.309	-2.862	-2.243	-1.538	-0.857	-0.294
6981	69.80	0.110	0.377	0.577	0.792	1.077	1.437	1.822	2.152	2.352	2.378
6991	69.90	2.234	1.969	1.652	1.351	1.107	0.929	0.802	0.697	0.589	0.470

Table 7-37-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	0.351	0.252	0.199	0.203	0.261	0.350	0.440	0.497	0.507	0.470
7011	70.10	0.411	0.360	0.343	0.368	0.423	0.478	0.502	0.483	0.429	0.370
7021	70.20	0.342	0.365	0.432	0.510	0.555	0.535	0.451	0.343	0.272	0.299
7031	70.30	0.454	0.728	1.075	1.440	1.781	2.088	2.379	2.679	2.999	3.313
7041	70.40	3.565	3.690	3.648	3.442	3.129	2.794	2.519	2.350	2.281	2.264
7051	70.50	2.237	2.157	2.016	1.844	1.694	1.609	1.605	1.666	1.756	1.836
7061	70.60	1.884	1.897	1.890	1.880	1.875	1.874	1.873	1.868	1.866	1.881
7071	70.70	1.919	1.976	2.024	2.025	1.941	1.750	1.459	1.103	0.728	0.378
7081	70.80	0.081	-0.159	-0.356	-0.532	-0.706	-0.889	-1.086	-1.298	-1.525	-1.767
7091	70.90	-2.015	-2.251	-2.447	-2.573	-2.610	-2.558	-2.440	-2.298	-2.178	-2.110
7101	71.00	-2.104	-2.142	-2.194	-2.224	-2.216	-2.172	-2.113	-2.073	-2.081	-2.152
7111	71.10	-2.282	-2.452	-2.632	-2.796	-2.924	-3.008	-3.054	-3.071	-3.069	-3.054
7121	71.20	-3.029	-2.991	-2.941	-2.885	-2.836	-2.808	-2.813	-2.869	-2.895	-2.921
7131	71.30	-2.891	-2.776	-2.572	-2.293	-1.969	-1.630	-1.288	-0.932	-0.530	-0.050
7141	71.40	0.525	1.177	1.856	2.488	3.005	3.363	3.558	3.617	3.585	3.502
7151	71.50	3.384	3.227	3.015	2.735	2.393	2.013	1.628	1.265	0.935	0.635
7161	71.60	0.353	0.087	-0.147	-0.320	-0.400	-0.372	-0.253	-0.088	0.061	0.146
7171	71.70	0.146	0.077	-0.015	-0.082	-0.093	-0.052	0.012	0.058	0.058	0.011
7181	71.80	-0.055	-0.099	-0.093	-0.037	0.038	0.076	0.025	-0.142	-0.412	-0.735
7191	71.90	-1.040	-1.263	-1.366	-1.354	-1.266	-1.164	-1.108	-1.135	-1.247	-1.408
7201	72.00	-1.558	-1.631	-1.577	-1.379	-1.062	-0.681	-0.306	0.007	0.232	0.384
7211	72.10	0.511	0.667	0.891	1.177	1.482	1.730	1.851	1.808	1.612	1.321
7221	72.20	1.014	0.763	0.607	0.562	0.534	0.545	0.550	0.569	0.557	0.591
7231	72.30	0.669	0.707	0.736	0.721	0.683	0.677	0.774	1.027	1.435	1.932
7241	72.40	2.406	2.734	2.838	2.715	2.436	2.122	1.886	1.792	1.827	1.918
7251	72.50	1.963	1.881	1.638	1.251	0.771	0.251	-0.276	-0.803	-1.328	-1.839
7261	72.60	-2.300	-2.655	-2.857	-2.892	-2.798	-2.649	-2.529	-2.493	-2.534	-2.593
7271	72.70	-2.578	-2.417	-2.090	-1.639	-1.153	-0.723	-0.400	-0.177	0.003	0.210
7281	72.80	0.486	0.819	1.143	1.372	1.440	1.335	1.109	0.849	0.647	0.556
7291	72.90	0.575	0.655	0.731	0.752	0.702	0.606	0.507	0.443	0.428	0.451
7301	73.00	0.482	0.490	0.461	0.397	0.313	0.225	0.140	0.056	-0.034	-0.132
7311	73.10	-0.233	-0.326	-0.406	-0.473	-0.540	-0.622	-0.725	-0.840	-0.935	-0.971
7321	73.20	-0.914	-0.755	-0.516	-0.242	0.011	0.198	0.301	0.329	0.314	0.294
7331	73.30	0.296	0.329	0.384	0.442	0.488	0.515	0.531	0.550	0.586	0.646
7341	73.40	0.724	0.802	0.853	0.854	0.790	0.660	0.484	0.294	0.128	0.017
7351	73.50	-0.022	0.004	0.070	0.139	0.176	0.164	0.102	0.009	-0.088	-0.167
7361	73.60	-0.220	-0.252	-0.278	-0.312	-0.359	-0.416	-0.472	-0.520	-0.561	-0.603
7371	73.70	-0.654	-0.714	-0.772	-0.803	-0.785	-0.704	-0.569	-0.409	-0.265	-0.169
7381	73.80	-0.132	-0.137	-0.147	-0.122	-0.038	0.101	0.258	0.382	0.420	0.342
7391	73.90	0.144	-0.150	-0.498	-0.857	-1.194	-1.493	-1.748	-1.965	-2.150	-2.308
7401	74.00	-2.442	-2.551	-2.636	-2.700	-2.741	-2.762	-2.762	-2.737	-2.688	-2.613
7411	74.10	-2.515	-2.396	-2.259	-2.108	-1.944	-1.768	-1.579	-1.374	-1.152	-0.915
7421	74.20	-0.669	-0.428	-0.206	-0.018	0.136	0.273	0.425	0.634	0.929	1.318
7431	74.30	1.771	2.229	2.624	2.903	3.055	3.114	3.151	3.241	3.427	3.701
7441	74.40	4.000	4.228	4.298	4.164	3.846	3.417	2.976	2.610	2.360	2.217
7451	74.50	2.131	2.046	1.921	1.749	1.551	1.361	1.199	1.065	0.938	0.794
7461	74.60	0.620	0.426	0.237	0.081	-0.027	-0.095	-0.149	-0.219	-0.321	-0.448
7471	74.70	-0.580	-0.694	-0.780	-0.854	-0.945	-1.080	-1.260	-1.457	-1.615	-1.676
7481	74.80	-1.606	-1.415	-1.146	-0.863	-0.615	-0.416	-0.242	-0.050	0.190	0.469
7491	74.90	0.737	0.915	0.937	0.786	0.506	0.189	-0.062	-0.182	-0.169	-0.088

Table 7-37-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.033	-0.084	-0.262	-0.518	-0.754	-0.865	-0.791	-0.540	-0.186	0.169
7511	75.10	0.436	0.577	0.606	0.576	0.543	0.536	0.550	0.556	0.534	0.489
7521	75.20	0.457	0.488	0.613	0.822	1.058	1.238	1.288	1.177	0.932	0.618
7531	75.30	0.313	0.068	-0.113	-0.266	-0.441	-0.666	-0.930	-1.184	-1.365	-1.434
7541	75.40	-1.396	-1.299	-1.215	-1.202	-1.275	-1.402	-1.520	-1.564	-1.505	-1.357
7551	75.50	-1.171	-1.007	-0.903	-0.863	-0.854	-0.835	-0.770	-0.656	-0.512	-0.374
7561	75.60	-0.268	-0.202	-0.165	-0.134	-0.094	-0.042	0.009	0.038	0.036	0.003
7571	75.70	-0.043	-0.083	-0.100	-0.088	-0.049	0.017	0.110	0.237	0.403	0.599
7581	75.80	0.803	0.985	1.119	1.200	1.248	1.307	1.418	1.600	1.832	2.056
7591	75.90	2.194	2.185	2.006	1.686	1.295	0.912	0.594	0.358	0.183	0.022
7601	76.00	-0.159	-0.369	-0.581	-0.745	-0.818	-0.784	-0.662	-0.505	-0.369	-0.296
7611	76.10	-0.298	-0.354	-0.424	-0.472	-0.477	-0.443	-0.389	-0.340	-0.312	-0.308
7621	76.20	-0.326	-0.360	-0.413	-0.499	-0.630	-0.814	-1.042	-1.285	-1.510	-1.686
7631	76.30	-1.803	-1.876	-1.940	-2.035	-2.187	-2.394	-2.627	-2.839	-2.983	-3.036
7641	76.40	-3.004	-2.920	-2.830	-2.771	-2.754	-2.766	-2.778	-2.767	-2.729	-2.690
7651	76.50	-2.693	-2.781	-2.968	-3.231	-3.515	-3.748	-3.875	-3.880	-3.790	-3.661
7661	76.60	-3.550	-3.488	-3.457	-3.401	-3.247	-2.938	-2.461	-1.858	-1.206	-0.596
7671	76.70	-0.090	0.294	0.593	0.876	1.217	1.664	2.221	2.844	3.457	3.981
7681	76.80	4.358	4.572	4.650	4.654	4.661	4.737	4.916	5.193	5.520	5.828
7691	76.90	6.047	6.127	6.062	5.883	5.652	5.436	5.284	5.208	5.184	5.162
7701	77.00	5.084	4.914	4.642	4.292	3.909	3.542	3.228	2.983	2.804	2.676
7711	77.10	2.581	2.503	2.434	2.370	2.308	2.241	2.163	2.067	1.952	1.821
7721	77.20	1.687	1.563	1.460	1.382	1.320	1.256	1.159	1.008	0.785	0.492
7731	77.30	0.150	-0.206	-0.537	-0.815	-1.036	-1.220	-1.406	-1.630	-1.912	-2.259
7741	77.40	-2.569	-2.845	-3.022	-3.084	-3.056	-2.993	-2.956	-2.987	-3.089	-3.223
7751	77.50	-3.330	-3.350	-3.256	-3.058	-2.799	-2.534	-2.310	-2.145	-2.030	-1.940
7761	77.60	-1.847	-1.735	-1.606	-1.467	-1.325	-1.180	-1.026	-0.863	-0.703	-0.575
7771	77.70	-0.519	-0.567	-0.729	-0.979	-1.267	-1.531	-1.723	-1.826	-1.863	-1.880
7781	77.80	-1.930	-2.047	-2.231	-2.449	-2.645	-2.766	-2.776	-2.671	-2.476	-2.236
7791	77.90	-1.999	-1.801	-1.658	-1.563	-1.494	-1.425	-1.335	-1.219	-1.083	-0.945
7801	78.00	-0.821	-0.718	-0.626	-0.523	-0.382	-0.182	0.079	0.380	0.680	0.936
7811	78.10	1.113	1.198	1.203	1.156	1.093	1.041	1.011	1.004	1.012	1.029
7821	78.20	1.054	1.088	1.129	1.171	1.203	1.212	1.196	1.167	1.150	1.172
7831	78.30	1.252	1.388	1.583	1.748	1.916	2.059	2.182	2.304	2.438	2.585
7841	78.40	2.733	2.862	2.960	3.038	3.122	3.247	3.430	3.656	3.873	4.009
7851	78.50	3.999	3.810	3.464	3.026	2.581	2.201	1.917	1.716	1.551	1.373
7861	78.60	1.156	0.909	0.670	0.486	0.382	0.353	0.359	0.347	0.277	0.137
7871	78.70	-0.048	-0.231	-0.368	-0.429	-0.417	-0.357	-0.284	-0.223	-0.183	-0.160
7881	78.80	-0.144	-0.134	-0.147	-0.212	-0.355	-0.592	-0.903	-1.266	-1.618	-1.916
7891	78.90	-2.139	-2.294	-2.412	-2.540	-2.716	-2.959	-3.261	-3.590	-3.906	-4.172
7901	79.00	-4.363	-4.476	-4.520	-4.512	-4.463	-4.378	-4.253	-4.080	-3.857	-3.589
7911	79.10	-3.288	-2.974	-2.664	-2.372	-2.101	-1.850	-1.616	-1.396	-1.193	-1.012
7921	79.20	-0.853	-0.716	-0.594	-0.480	-0.370	-0.271	-0.192	-0.149	-0.149	-0.190
7931	79.30	-0.256	-0.324	-0.370	-0.379	-0.353	-0.308	-0.264	-0.241	-0.246	-0.275
7941	79.40	-0.310	-0.332	-0.322	-0.270	-0.177	-0.049	0.101	0.258	0.407	0.537
7951	79.50	0.640	0.719	0.784	0.854	0.948	1.074	1.227	1.380	1.496	1.541
7961	79.60	1.498	1.375	1.206	1.035	0.902	0.824	0.792	0.779	0.752	0.691
7971	79.70	0.597	0.494	0.410	0.369	0.377	0.421	0.478	0.522	0.543	0.543
7981	79.80	0.532	0.525	0.529	0.542	0.558	0.569	0.573	0.567	0.550	0.517
7991	79.90	0.460	0.373	0.256	0.123	-0.001	-0.090	-0.126	-0.109	-0.052	0.022

Table 7-37-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	0.094	0.156	0.214	0.276	0.346	0.415	0.469	0.492	0.488	0.478
8011	80.10	0.496	0.565	0.680	0.800	0.859	0.798	0.597	0.297	-0.008	-0.203
8021	80.20	-0.203	0.010	0.377	0.784	1.119	1.322	1.413	1.482	1.638	1.952
8031	80.30	2.409	2.906	3.292	3.428	3.254	2.812	2.229	1.663	1.239	1.003
8041	80.40	0.918	0.891	0.829	0.687	0.480	0.273	0.138	0.114	0.192	0.314
8051	80.50	0.410	0.429	0.365	0.251	0.141	0.078	0.073	0.105	0.135	0.125
8061	80.60	0.068	-0.018	-0.095	-0.128	-0.099	-0.020	0.079	0.165	0.216	0.231
8071	80.70	0.225	0.223	0.240	0.260	0.334	0.387	0.426	0.447	0.456	0.466
8081	80.80	0.485	0.517	0.560	0.606	0.646	0.677	0.699	0.716	0.732	0.749
8091	80.90	0.768	0.783	0.791	0.789	0.777	0.759	0.746	0.743	0.757	0.784
8101	81.00	0.815	0.838	0.840	0.821	0.789	0.765	0.768	0.806	0.869	0.929
8111	81.10	0.945	0.882	0.727	0.494	0.221	-0.042	-0.261	-0.425	-0.552	-0.678
8121	81.20	-0.833	-1.027	-1.239	-1.427	-1.547	-1.572	-1.508	-1.390	-1.269	-1.186
8131	81.30	-1.161	-1.183	-1.226	-1.257	-1.259	-1.235	-1.200	-1.175	-1.172	-1.186
8141	81.40	-1.204	-1.210	-1.195	-1.166	-1.136	-1.120	-1.130	-1.164	-1.218	-1.284
8151	81.50	-1.360	-1.445	-1.539	-1.638	-1.729	-1.798	-1.837	-1.851	-1.860	-1.893
8161	81.60	-1.974	-2.114	-2.303	-2.519	-2.735	-2.938	-3.127	-3.315	-3.516	-3.730
8171	81.70	-3.944	-4.132	-4.269	-4.343	-4.361	-4.343	-4.308	-4.260	-4.182	-4.049
8181	81.80	-3.838	-3.548	-3.204	-2.851	-2.530	-2.263	-2.035	-1.809	-1.562	-1.213
8191	81.90	-0.837	-0.457	-0.130	0.109	0.263	0.374	0.505	0.709	0.998	1.341
8201	82.00	1.670	1.917	2.039	2.036	1.950	1.840	1.753	1.708	1.687	1.655
8211	82.10	1.577	1.438	1.248	1.036	0.831	0.649	0.491	0.350	0.222	0.113
8221	82.20	0.039	0.018	0.052	0.123	0.198	0.246	0.257	0.253	0.283	0.403
8231	82.30	0.647	1.003	1.412	1.780	2.018	2.075	1.962	1.747	1.532	1.406
8241	82.40	1.412	1.531	1.688	1.791	1.767	1.592	1.305	0.980	0.700	0.517
8251	82.50	0.429	0.388	0.325	0.182	-0.053	-0.341	-0.604	-0.756	-0.741	-0.550
8261	82.60	-0.224	0.165	0.541	0.855	1.094	1.277	1.436	1.598	1.777	1.969
8271	82.70	2.167	2.369	2.584	2.825	3.098	3.391	3.674	3.908	4.058	4.117
8281	82.80	4.102	4.052	4.008	3.998	4.026	4.077	4.133	4.184	4.235	4.302
8291	82.90	4.391	4.489	4.553	4.529	4.375	4.085	3.698	3.289	2.940	2.699
8301	83.00	2.563	2.473	2.340	2.090	1.695	1.188	0.652	0.181	-0.157	-0.348
8311	83.10	-0.435	-0.494	-0.598	-0.790	-1.067	-1.389	-1.702	-1.964	-2.160	-2.298
8321	83.20	-2.405	-2.500	-2.596	-2.691	-2.782	-2.873	-2.975	-3.101	-3.255	-3.425
8331	83.30	-3.580	-3.682	-3.704	-3.644	-3.530	-3.412	-3.336	-3.331	-3.388	-3.464
8341	83.40	-3.502	-3.452	-3.292	-3.034	-2.723	-2.414	-2.151	-1.953	-1.809	-1.687
8351	83.50	-1.553	-1.384	-1.177	-0.949	-0.726	-0.530	-0.371	-0.242	-0.129	-0.014
8361	83.60	0.110	0.244	0.376	0.498	0.605	0.707	0.817	0.953	1.118	1.302
8371	83.70	1.477	1.607	1.661	1.627	1.513	1.350	1.179	1.036	0.942	0.895
8381	83.80	0.877	0.861	0.826	0.765	0.683	0.596	0.519	0.461	0.419	0.382
8391	83.90	0.337	0.277	0.204	0.126	0.054	-0.004	-0.050	-0.092	-0.140	-0.200
8401	84.00	-0.271	-0.348	-0.419	-0.478	-0.525	-0.566	-0.612	-0.671	-0.744	-0.824
8411	84.10	-0.899	-0.959	-1.003	-1.038	-1.076	-1.132	-1.215	-1.321	-1.440	-1.555
8421	84.20	-1.655	-1.739	-1.813	-1.893	-1.990	-2.106	-2.233	-2.369	-2.433	-2.470
8431	84.30	-2.456	-2.401	-2.324	-2.245	-2.177	-2.125	-2.089	-2.066	-2.051	-2.046
8441	84.40	-2.049	-2.055	-2.048	-2.010	-1.920	-1.765	-1.547	-1.282	-0.999	-0.730
8451	84.50	-0.496	-0.305	-0.148	-0.006	0.143	0.316	0.517	0.739	0.967	1.182
8461	84.60	1.366	1.508	1.604	1.661	1.696	1.729	1.779	1.857	1.963	2.083
8471	84.70	2.197	2.291	2.359	2.416	2.485	2.588	2.729	2.882	3.000	3.023
8481	84.80	2.909	2.655	2.298	1.913	1.577	1.342	1.216	1.156	1.093	0.961
8491	84.90	0.729	0.410	0.057	-0.265	-0.510	-0.668	-0.766	-0.853	-0.970	-1.135

Table 7-37-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-1.337	-1.544	-1.727	-1.875	-2.004	-2.142	-2.316	-2.530	-2.764	-2.980
8511	85.10	-3.139	-3.217	-3.217	-3.162	-3.085	-3.013	-2.957	-2.918	-2.890	-2.872
8521	85.20	-2.871	-2.896	-2.946	-3.005	-3.040	-3.015	-2.902	-2.700	-2.435	-2.151
8531	85.30	-1.889	-1.666	-1.470	-1.261	-0.993	-0.638	-0.200	0.281	0.741	1.122
8541	85.40	1.389	1.544	1.628	1.700	1.815	2.007	2.277	2.601	2.936	3.238
8551	85.50	3.475	3.633	3.713	3.728	3.697	3.638	3.566	3.495	3.436	3.398
8561	85.60	3.389	3.410	3.456	3.517	3.571	3.599	3.579	3.502	3.369	3.196
8571	85.70	3.012	2.846	2.726	2.664	2.657	2.686	2.728	2.762	2.775	2.765
8581	85.80	2.739	2.706	2.670	2.626	2.562	2.464	2.321	2.133	1.909	1.670
8591	85.90	1.439	1.236	1.081	0.983	0.945	0.964	1.030	1.130	1.246	1.360
8601	86.00	1.453	1.518	1.551	1.559	1.556	1.557	1.576	1.621	1.690	1.774
8611	86.10	1.858	1.920	1.937	1.888	1.762	1.561	1.302	1.018	0.746	0.520
8621	86.20	0.357	0.248	0.162	0.051	-0.130	-0.409	-0.783	-1.218	-1.661	-2.061
8631	86.30	-2.385	-2.629	-2.819	-2.997	-3.195	-3.423	-3.657	-3.849	-3.944	-3.906
8641	86.40	-3.734	-3.469	-3.180	-2.938	-2.790	-2.742	-2.759	-2.774	-2.725	-2.571
8651	86.50	-2.313	-1.988	-1.654	-1.361	-1.132	-0.953	-0.781	-0.568	-0.280	0.080
8661	86.60	0.476	0.846	1.127	1.275	1.282	1.171	0.988	0.786	0.602	0.456
8671	86.70	0.348	0.263	0.187	0.108	0.023	-0.065	-0.152	-0.234	-0.313	-0.391
8681	86.80	-0.472	-0.560	-0.655	-0.758	-0.866	-0.979	-1.093	-1.205	-1.314	-1.418
8691	86.90	-1.518	-1.616	-1.717	-1.821	-1.930	-2.040	-2.146	-2.247	-2.345	-2.442
8701	87.00	-2.544	-2.653	-2.767	-2.881	-2.986	-3.081	-3.167	-3.256	-3.359	-3.481
8711	87.10	-3.618	-3.752	-3.859	-3.914	-3.907	-3.841	-3.739	-3.629	-3.537	-3.477
8721	87.20	-3.451	-3.447	-3.452	-3.452	-3.440	-3.412	-3.362	-3.282	-3.160	-2.967
8731	87.30	-2.766	-2.515	-2.263	-2.042	-1.872	-1.754	-1.662	-1.561	-1.412	-1.196
8741	87.40	-0.919	-0.608	-0.299	-0.019	0.222	0.439	0.660	0.907	1.187	1.486
8751	87.50	1.771	2.008	2.175	2.273	2.325	2.361	2.408	2.471	2.538	2.583
8761	87.60	2.577	2.507	2.380	2.221	2.061	1.932	1.851	1.818	1.824	1.850
8771	87.70	1.883	1.912	1.935	1.952	1.963	1.971	1.976	1.979	1.981	1.984
8781	87.80	1.990	1.997	2.004	2.007	2.008	2.008	2.010	2.019	2.034	2.051
8791	87.90	2.062	2.060	2.039	2.000	1.944	1.878	1.808	1.737	1.670	1.609
8801	88.00	1.558	1.519	1.491	1.466	1.434	1.384	1.310	1.220	1.135	1.081
8811	88.10	1.083	1.152	1.278	1.433	1.581	1.697	1.771	1.818	1.867	1.942
8821	88.20	2.049	2.170	2.264	2.283	2.198	2.008	1.746	1.463	1.214	1.033
8831	88.30	0.921	0.854	0.790	0.694	0.549	0.362	0.161	-0.019	-0.149	-0.214
8841	88.40	-0.216	-0.170	-0.098	-0.022	0.037	0.066	0.060	0.023	-0.025	-0.053
8851	88.50	-0.030	0.069	0.249	0.492	0.756	0.989	1.146	1.204	1.168	1.070
8861	88.60	0.951	0.848	0.784	0.759	0.758	0.761	0.756	0.737	0.709	0.681
8871	88.70	0.658	0.640	0.622	0.602	0.578	0.553	0.532	0.516	0.502	0.487
8881	88.80	0.464	0.434	0.401	0.372	0.355	0.347	0.343	0.330	0.303	0.261
8891	88.90	0.217	0.183	0.170	0.176	0.185	0.179	0.145	0.084	0.016	-0.031
8901	89.00	-0.035	0.004	0.059	0.084	0.034	-0.116	-0.352	-0.625	-0.867	-1.016
8911	89.10	-1.042	-0.959	-0.819	-0.684	-0.607	-0.606	-0.665	-0.742	-0.794	-0.800
8921	89.20	-0.764	-0.718	-0.700	-0.735	-0.825	-0.950	-1.076	-1.172	-1.228	-1.252
8931	89.30	-1.268	-1.300	-1.360	-1.445	-1.538	-1.618	-1.674	-1.707	-1.732	-1.768
8941	89.40	-1.827	-1.912	-2.008	-2.095	-2.153	-2.171	-2.150	-2.103	-2.047	-1.997
8951	89.50	-1.961	-1.940	-1.928	-1.920	-1.910	-1.897	-1.880	-1.863	-1.846	-1.830
8961	89.60	-1.815	-1.798	-1.782	-1.765	-1.749	-1.735	-1.721	-1.706	-1.690	-1.671
8971	89.70	-1.652	-1.633	-1.617	-1.605	-1.596	-1.586	-1.570	-1.542	-1.499	-1.443
8981	89.80	-1.376	-1.306	-1.240	-1.182	-1.134	-1.091	-1.050	-1.005	-0.956	-0.907
8991	89.90	-0.866	-0.838	-0.828	-0.828	-0.831	-0.825	-0.802	-0.763	-0.716	-0.673

Table 7-37-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	-0.646	-0.635	-0.635	-0.631	-0.611	-0.571	-0.517	-0.467	-0.435	-0.431
9011	90.10	-0.446	-0.460	-0.465	-0.378	-0.255	-0.088	0.096	0.268	0.411	0.523
9021	90.20	0.620	0.724	0.851	0.999	1.152	1.281	1.361	1.379	1.362	1.274
9031	90.30	1.201	1.149	1.128	1.135	1.160	1.188	1.209	1.218	1.211	1.189
9041	90.40	1.151	1.098	1.032	0.962	0.898	0.848	0.813	0.789	0.763	0.725
9051	90.50	0.672	0.612	0.557	0.519	0.499	0.484	0.455	0.397	0.314	0.236
9061	90.60	0.206	0.265	0.430	0.678	0.949	1.166	1.268	1.235	1.103	0.950
9071	90.70	0.867	0.917	1.110	1.397	1.692	1.906	1.982	1.916	1.756	1.575
9081	90.80	1.439	1.383	1.400	1.452	1.496	1.501	1.462	1.399	1.341	1.308
9091	90.90	1.306	1.321	1.333	1.325	1.295	1.252	1.211	1.185	1.179	1.187
9101	91.00	1.201	1.215	1.228	1.246	1.271	1.299	1.318	1.309	1.259	1.165
9111	91.10	1.039	0.905	0.786	0.698	0.642	0.604	0.563	0.504	0.423	0.327
9121	91.20	0.233	0.154	0.096	0.050	0.004	-0.059	-0.145	-0.246	-0.346	-0.422
9131	91.30	-0.459	-0.451	-0.407	-0.344	-0.284	-0.240	-0.219	-0.215	-0.219	-0.222
9141	91.40	-0.216	-0.200	-0.179	-0.156	-0.138	-0.124	-0.115	-0.109	-0.106	-0.108
9151	91.50	-0.116	-0.131	-0.153	-0.177	-0.199	-0.214	-0.220	-0.220	-0.218	-0.220
9161	91.60	-0.230	-0.248	-0.268	-0.285	-0.295	-0.296	-0.294	-0.294	-0.302	-0.319
9171	91.70	-0.340	-0.359	-0.371	-0.372	-0.368	-0.365	-0.371	-0.388	-0.413	-0.437
9181	91.80	-0.450	-0.449	-0.438	-0.428	-0.432	-0.456	-0.495	-0.533	-0.551	-0.530
9191	91.90	-0.466	-0.368	-0.257	-0.155	-0.076	-0.022	0.021	0.069	0.136	0.220
9201	92.00	0.309	0.378	0.406	0.381	0.399	0.208	0.103	0.015	-0.063	-0.075
9211	92.10	-0.094	-0.112	-0.141	-0.184	-0.237	-0.291	-0.341	-0.382	-0.418	-0.452
9221	92.20	-0.488	-0.527	-0.571	-0.617	-0.664	-0.710	-0.754	-0.796	-0.834	-0.870
9231	92.30	-0.905	-0.943	-0.989	-1.045	-1.106	-1.165	-1.207	-1.217	-1.187	-1.118
9241	92.40	-1.022	-0.917	-0.822	-0.751	-0.707	-0.682	-0.661	-0.632	-0.587	-0.527
9251	92.50	-0.461	-0.399	-0.349	-0.312	-0.282	-0.250	-0.207	-0.154	-0.093	-0.033
9261	92.60	0.018	0.057	0.087	0.118	0.156	0.207	0.268	0.333	0.390	0.429
9271	92.70	0.449	0.451	0.443	0.434	0.428	0.428	0.431	0.434	0.436	0.439
9281	92.80	0.444	0.455	0.471	0.485	0.493	0.490	0.479	0.468	0.467	0.484
9291	92.90	0.518	0.555	0.571	0.539	0.439	0.270	0.048	-0.193	-0.411	-0.568
9301	93.00	-0.644	-0.638	-0.571	-0.476	-0.387	-0.330	-0.315	-0.334	-0.370	-0.402
9311	93.10	-0.411	-0.394	-0.358	-0.322	-0.308	-0.332	-0.401	-0.506	-0.628	-0.745
9321	93.20	-0.841	-0.911	-0.961	-1.007	-1.064	-1.140	-1.231	-1.324	-1.404	-1.462
9331	93.30	-1.505	-1.548	-1.610	-1.703	-1.820	-1.936	-2.019	-2.037	-1.976	-1.849
9341	93.40	-1.686	-1.526	-1.401	-1.320	-1.273	-1.234	-1.179	-1.097	-0.999	-0.908
9351	93.50	-0.851	-0.844	-0.880	-0.935	-0.974	-0.972	-0.918	-0.824	-0.715	-0.617
9361	93.60	-0.549	-0.510	-0.489	-0.467	-0.429	-0.372	-0.301	-0.230	-0.171	-0.127
9371	93.70	-0.093	-0.059	-0.014	0.046	0.121	0.201	0.278	0.345	0.400	0.447
9381	93.80	0.494	0.548	0.613	0.688	0.767	0.842	0.902	0.938	0.945	0.925
9391	93.90	0.888	0.845	0.811	0.797	0.803	0.822	0.842	0.849	0.837	0.809
9401	94.00	0.780	0.771	0.799	0.873	0.989	1.129	1.272	1.400	1.501	1.579
9411	94.10	1.643	1.707	1.783	1.873	1.974	2.077	2.173	2.258	2.334	2.408
9421	94.20	2.487	2.575	2.672	2.773	2.870	2.957	3.035	3.106	3.181	3.268
9431	94.30	3.370	3.485	3.597	3.689	3.740	3.739	3.685	3.593	3.487	3.394
9441	94.40	3.336	3.321	3.340	3.370	3.384	3.356	3.271	3.130	2.946	2.740
9451	94.50	2.535	2.348	2.186	2.047	1.921	1.799	1.670	1.530	1.381	1.227
9461	94.60	1.074	0.926	0.787	0.653	0.521	0.386	0.244	0.096	-0.056	-0.206
9471	94.70	-0.349	-0.484	-0.614	-0.745	-0.883	-1.030	-1.184	-1.337	-1.482	-1.615
9481	94.80	-1.738	-1.861	-1.995	-2.147	-2.315	-2.484	-2.633	-2.741	-2.798	-2.809
9491	94.90	-2.794	-2.778	-2.784	-2.823	-2.888	-2.964	-3.029	-3.073	-3.098	-3.118

Table 7-37-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	-3.152	-3.209	-3.288	-3.370	-3.425	-3.429	-3.369	-3.252	-3.101	-2.947
9511	95.10	-2.815	-2.719	-2.655	-2.608	-2.559	-2.495	-2.412	-2.318	-2.222	-2.135
9521	95.20	-2.060	-1.994	-1.929	-1.859	-1.781	-1.696	-1.609	-1.523	-1.441	-1.361
9531	95.30	-1.285	-1.214	-1.154	-1.116	-1.104	-1.123	-1.164	-1.213	-1.251	-1.260
9541	95.40	-1.228	-1.152	-1.036	-0.890	-0.727	-0.558	-0.395	-0.246	-0.114	-0.001
9551	95.50	0.096	0.189	0.288	0.407	0.547	0.704	0.859	0.988	1.069	1.092
9561	95.60	1.062	1.002	0.939	0.900	0.893	0.929	0.975	1.014	1.030	1.023
9571	95.70	1.002	0.989	0.999	1.035	1.088	1.132	1.143	1.101	1.002	0.856
9581	95.80	0.684	0.510	0.351	0.218	0.109	0.017	-0.069	-0.159	-0.258	-0.370
9591	95.90	-0.493	-0.621	-0.746	-0.862	-0.962	-1.050	-1.133	-1.227	-1.342	-1.483
9601	96.00	-1.640	-1.788	-1.897	-1.936	-1.891	-1.770	-1.599	-1.418	-1.262	-1.153
9611	96.10	-1.092	-1.061	-1.033	-0.987	-0.914	-0.820	-0.720	-0.631	-0.560	-0.505
9621	96.20	-0.456	-0.398	-0.327	-0.242	-0.154	-0.072	-0.002	0.056	0.112	0.174
9631	96.30	0.247	0.329	0.413	0.490	0.556	0.615	0.673	0.738	0.814	0.898
9641	96.40	0.980	1.052	1.111	1.162	1.219	1.292	1.385	1.485	1.570	1.614
9651	96.50	1.598	1.525	1.412	1.293	1.200	1.152	1.145	1.156	1.152	1.112
9661	96.60	1.034	0.962	0.876	0.876	0.966	1.140	1.365	1.595	1.787	1.919
9671	96.70	2.000	2.056	2.125	2.229	2.373	2.536	2.690	2.810	2.891	2.950
9681	96.80	3.020	3.131	3.292	3.486	3.669	3.789	3.801	3.688	3.467	3.184
9691	96.90	2.894	2.644	2.459	2.336	2.248	2.162	2.052	1.909	1.739	1.562
9701	97.00	1.398	1.255	1.133	1.019	0.898	0.759	0.603	0.437	0.276	0.128
9711	97.10	-0.002	-0.122	-0.244	-0.378	-0.530	-0.696	-0.862	-1.017	-1.151	-1.268
9721	97.20	-1.380	-1.505	-1.655	-1.832	-2.023	-2.203	-2.342	-2.420	-2.429	-2.383
9731	97.30	-2.307	-2.228	-2.172	-2.147	-2.151	-2.169	-2.189	-2.200	-2.202	-2.200
9741	97.40	-2.199	-2.199	-2.195	-2.177	-2.133	-2.061	-1.965	-1.858	-1.755	-1.669
9751	97.50	-1.604	-1.555	-1.512	-1.464	-1.405	-1.333	-1.254	-1.177	-1.107	-1.047
9761	97.60	-0.993	-0.940	-0.883	-0.818	-0.747	-0.673	-0.601	-0.536	-0.478	-0.424
9771	97.70	-0.370	-0.310	-0.243	-0.169	-0.091	-0.018	0.044	0.090	0.119	0.134
9781	97.80	0.143	0.154	0.171	0.196	0.228	0.261	0.292	0.319	0.345	0.371
9791	97.90	0.400	0.432	0.464	0.493	0.518	0.540	0.563	0.590	0.624	0.661
9801	98.00	0.697	0.725	0.745	0.761	0.779	0.809	0.850	0.898	0.939	0.960
9811	98.10	0.956	0.931	0.898	0.874	0.870	0.885	0.908	0.920	0.911	0.883
9821	98.20	0.851	0.839	0.859	0.909	0.961	0.976	0.917	0.764	0.530	0.251
9831	98.30	-0.023	-0.255	-0.430	-0.564	-0.691	-0.843	-1.033	-1.245	-1.440	-1.573
9841	98.40	-1.614	-1.563	-1.451	-1.326	-1.235	-1.202	-1.227	-1.283	-1.335	-1.357
9851	98.50	-1.343	-1.304	-1.265	-1.246	-1.255	-1.284	-1.316	-1.331	-1.322	-1.294
9861	98.60	-1.261	-1.242	-1.246	-1.272	-1.307	-1.330	-1.325	-1.283	-1.207	-1.110
9871	98.70	-1.006	-0.908	-0.824	-0.752	-0.685	-0.619	-0.550	-0.479	-0.408	-0.340
9881	98.80	-0.276	-0.213	-0.145	-0.069	0.012	0.093	0.167	0.229	0.282	0.335
9891	98.90	0.400	0.486	0.589	0.695	0.775	0.804	0.763	0.657	0.508	0.352
9901	99.00	0.221	0.136	0.095	0.076	0.052	0.001	-0.080	-0.179	-0.272	-0.341
9911	99.10	-0.381	-0.405	-0.437	-0.497	-0.591	-0.706	-0.812	-0.876	-0.873	-0.862
9921	99.20	-0.678	-0.529	-0.385	-0.263	-0.167	-0.093	-0.029	0.032	0.094	0.159
9931	99.30	0.229	0.307	0.396	0.494	0.593	0.677	0.730	0.743	0.719	0.674
9941	99.40	0.632	0.613	0.625	0.660	0.698	0.721	0.715	0.686	0.651	0.635
9951	99.50	0.664	0.755	0.911	1.128	1.392	1.685	1.985	2.267	2.508	2.691
9961	99.60	2.816	2.898	2.965	3.050	3.169	3.315	3.453	3.531	3.504	3.348
9971	99.70	3.080	2.746	2.409	2.119	1.898	1.730	1.577	1.399	1.173	0.906
9981	99.80	0.624	0.360	0.128	-0.078	-0.284	-0.518	-0.787	-1.068	-1.317	-1.480
9991	99.90	-1.523	-1.449	-1.295	-1.122	-0.988	-0.928	-0.941	-0.996	-1.052	-1.076

Table 7-37-21

TABLE OF CORRECTED ACCELERATION RECORD

NO.21

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10001	100.00	-1.057	-1.010	-0.959	-0.929	-0.926	-0.941	-0.952	-0.936	-0.883	-0.800
10011	100.10	-0.703	-0.616	-0.554	-0.519	-0.502	-0.487	-0.457	-0.407	-0.338	-0.262
10021	100.20	-0.192	-0.139	-0.109	-0.098	-0.099	-0.102	-0.101	-0.092	-0.078	-0.066
10031	100.30	-0.060	-0.064	-0.074	-0.083	-0.078	-0.050	0.005	0.088	0.193	0.311
10041	100.40	0.435	0.561	0.687	0.811	0.929	1.029	1.099	1.124	1.095	1.010
10051	100.50	0.876	0.709	0.523	0.337	0.161	0.004	-0.129	-0.233	-0.306	-0.347
10061	100.60	-0.360	-0.351	-0.335	-0.323	-0.326	-0.347	-0.384	-0.428	-0.471	-0.508
10071	100.70	-0.541	-0.571	-0.602	-0.632	-0.655	-0.655	-0.620	-0.542	-0.421	-0.271
10081	100.80	-0.114	0.026	0.126	0.174	0.170	0.125	0.054	-0.025	-0.099	-0.160
10091	100.90	-0.209	-0.248	-0.281	-0.312	-0.341	-0.370	-0.400	-0.432	-0.466	-0.504
10101	101.00	-0.545	-0.588	-0.629	-0.668	-0.705	-0.740	-0.767	-0.778	-0.762	-0.707
10111	101.10	-0.610	-0.479	-0.338	-0.217	-0.140	-0.116	-0.130	-0.146	-0.124	-0.037
10121	101.20	0.113	0.285	0.416	0.443	0.333	0.099	-0.200	-0.478	-0.655	-0.690
10131	101.30	-0.597	-0.436	-0.287	-0.220	-0.264	-0.403	-0.584	-0.750	-0.862	-0.912
10141	101.40	-0.925	-0.939	-0.984	-1.068	-1.176	-1.281	-1.360	-1.409	-1.440	-1.477
10151	101.50	-1.543	-1.647	-1.785	-1.944	-2.111	-2.282	-2.456	-2.632	-2.801	-2.941
10161	101.60	-3.023	-3.026	-2.946	-2.808	-2.655	-2.537	-2.482	-2.492	-2.534	-2.555
10171	101.70	-2.504	-2.355	-2.114	-1.819	-1.522	-1.267	-1.072	-0.930	-0.811	-0.681
10181	101.80	-0.518	-0.318	-0.098	0.118	0.311	0.477	0.625	0.776	0.951	1.157
10191	101.90	1.388	1.624	1.838	2.009	2.126	2.193	2.223	2.237	2.251	2.279
10201	102.00	2.324	2.384	2.455	2.533	2.612	2.690	2.764	2.830	2.888	2.939
10211	102.10	2.988	3.044	3.114	3.202	3.300	3.393	3.458	3.475	3.435	3.360
10221	102.20	3.210	3.073	2.954	2.869	2.819	2.789	2.761	2.718	2.654	2.575
10231	102.30	2.493	2.422	2.366	2.323	2.282	2.230	2.165	2.088	2.012	1.946
10241	102.40	1.896	1.857	1.817	1.763	1.685	1.584	1.467	1.347	1.233	1.129
10251	102.50	1.035	0.943	0.848	0.750	0.651	0.555	0.462	0.373	0.281	0.183
10261	102.60	0.079	-0.026	-0.126	-0.216	-0.296	-0.375	-0.466	-0.576	-0.710	-0.861
10271	102.70	-1.015	-1.160	-1.292	-1.413	-1.536	-1.671	-1.821	-1.975	-2.111	-2.203
10281	102.80	-2.233	-2.201	-2.123	-2.031	-1.956	-1.920	-1.928	-1.966	-2.013	-2.044
10291	102.90	-2.046	-2.016	-1.962	-1.894	-1.821	-1.747	-1.670	-1.586	-1.495	-1.403
10301	103.00	-1.321	-1.261	-1.230	-1.228	-1.247	-1.275	-1.301	-1.315	-1.315	-1.306
10311	103.10	-1.294	-1.283	-1.277	-1.274	-1.272	-1.268	-1.261	-1.252	-1.244	-1.238
10321	103.20	-1.234	-1.232	-1.228	-1.222	-1.213	-1.202	-1.189	-1.178	-1.169	-1.166
10331	103.30	-1.178	-1.213	-1.281	-1.388	-1.527	-1.679	-1.812	-1.890	-1.883	-1.783
10341	103.40	-1.602	-1.376	-1.150	-0.961	-0.827	-0.740	-0.675	-0.601	-0.497	-0.362
10351	103.50	-0.214	-0.076	0.037	0.126	0.209	0.309	0.439	0.592	0.740	0.846
10361	103.60	0.883	0.868	0.767	0.682	0.635	0.643	0.699	0.769	0.817	0.823
10371	103.70	0.791	0.751	0.734	0.759	0.820	0.887	0.926	0.919	0.876	0.827
10381	103.80	0.812	0.849	0.930	1.016	1.063	1.044	0.972	0.891	0.858	0.912
10391	103.90	1.043	1.196	1.291	1.260	1.084	0.802	0.501	0.276	0.189	0.243
10401	104.00	0.384	0.527	0.592	0.544	0.390	0.174	-0.054	-0.262	-0.446	-0.617
10411	104.10	-0.779	-0.916	-0.988	-0.951	-0.783	-0.506	-0.184	0.092	0.248	0.252
10421	104.20	0.132	-0.040	-0.179	-0.228	-0.175	-0.056	0.066	0.138	0.137	0.082
10431	104.30	0.016	-0.016	0.008	0.077	0.158	0.213	0.223	0.195	0.154	0.134
10441	104.40	0.153	0.208	0.273	0.320	0.330	0.305	0.269	0.254	0.286	0.373
10451	104.50	0.503	0.668	0.780	0.879	0.945	0.993	1.041	1.109	1.203	1.316
10461	104.60	1.435	1.537	1.605	1.630	1.610	1.554	1.475	1.392	1.318	1.264
10471	104.70	1.232	1.217	1.209	1.197	1.175	1.140	1.098	1.055	1.018	0.990
10481	104.80	0.969	0.950	0.926	0.895	0.858	0.819	0.783	0.753	0.729	0.705
10491	104.90	0.679	0.647	0.611	0.576	0.540	0.509	0.483	0.458	0.429	0.396

Table 7-37-22

TABLE OF CORRECTED ACCELERATION RECORD

NO.22

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10501	105.00	0.359	0.321	0.287	0.258	0.234	0.210	0.181	0.140	0.086	0.020
10511	105.10	-0.053	-0.126	-0.195	-0.255	-0.309	-0.359	-0.410	-0.466	-0.527	-0.591
10521	105.20	-0.655	-0.714	-0.769	-0.819	-0.871	-0.928	-0.994	-1.066	-1.138	-1.199
10531	105.30	-1.239	-1.252	-1.238	-1.208	-1.172	-1.145	-1.135	-1.142	-1.160	-1.181
10541	105.40	-1.194	-1.196	-1.188	-1.178	-1.173	-1.176	-1.188	-1.204	-1.216	-1.221
10551	105.50	-1.217	-1.209	-1.204	-1.207	-1.218	-1.235	-1.250	-1.258	-1.256	-1.246
10561	105.60	-1.232	-1.221	-1.216	-1.216	-1.217	-1.213	-1.202	-1.185	-1.168	-1.157
10571	105.70	-1.159	-1.171	-1.187	-1.196	-1.185	-1.148	-1.082	-0.995	-0.895	-0.794
10581	105.80	-0.700	-0.615	-0.541	-0.474	-0.413	-0.353	-0.294	-0.230	-0.161	-0.084
10591	105.90	0.001	0.087	0.167	0.231	0.271	0.283	0.270	0.242	0.210	0.186
10601	106.00	0.174	0.177	0.189	0.204	0.217	0.224	0.225	0.222	0.219	0.218
10611	106.10	0.219	0.223	0.228	0.235	0.243	0.248	0.251	0.251	0.246	0.239
10621	106.20	0.235	0.236	0.249	0.277	0.326	0.396	0.488	0.601	0.726	0.849
10631	106.30	0.952	1.014	1.020	0.965	0.857	0.719	0.578	0.459	0.375	0.324
10641	106.40	0.290	0.253	0.194	0.113	0.020	-0.061	-0.108	-0.109	-0.066	0.005
10651	106.50	0.078	0.133	0.160	0.162	0.152	0.144	0.151	0.174	0.206	0.237
10661	106.60	0.258	0.268	0.271	0.274	0.286	0.306	0.333	0.358	0.377	0.386
10671	106.70	0.390	0.397	0.416	0.453	0.506	0.572	0.639	0.698	0.745	0.779
10681	106.80	0.808	0.838	0.877	0.927	0.984	1.040	1.089	1.127	1.157	1.185
10691	106.90	1.221	1.270	1.330	1.393	1.449	1.488	1.512	1.529	1.554	1.602
10701	107.00	1.677	1.767	1.849	1.893	1.873	1.780	1.624	1.431	1.232	1.057
10711	107.10	0.919	0.816	0.734	0.655	0.564	0.456	0.335	0.209	0.088	-0.025
10721	107.20	-0.130	-0.231	-0.331	-0.435	-0.543	-0.655	-0.769	-0.885	-1.000	-1.111
10731	107.30	-1.216	-1.315	-1.409	-1.507	-1.616	-1.741	-1.880	-2.015	-2.126	-2.188
10741	107.40	-2.188	-2.122	-2.026	-1.915	-1.824	-1.773	-1.761	-1.774	-1.786	-1.778
10751	107.50	-1.744	-1.692	-1.639	-1.602	-1.588	-1.592	-1.595	-1.578	-1.528	-1.444
10761	107.60	-1.335	-1.219	-1.109	-1.014	-0.933	-0.859	-0.784	-0.706	-0.624	-0.542
10771	107.70	-0.461	-0.383	-0.303	-0.221	-0.136	-0.050	0.033	0.111	0.184	0.258
10781	107.80	0.338	0.425	0.519	0.611	0.693	0.764	0.826	0.892	0.971	1.072
10791	107.90	1.187	1.299	1.383	1.419	1.395	1.318	1.210	1.098	1.006	0.945
10801	108.00	0.915	0.901	0.887	0.861	0.820	0.767	0.713	0.665	0.627	0.595
10811	108.10	0.565	0.531	0.491	0.447	0.401	0.359	0.319	0.282	0.245	0.207
10821	108.20	0.168	0.127	0.088	0.048	0.008	-0.033	-0.076	-0.118	-0.158	-0.194
10831	108.30	-0.226	-0.260	-0.300	-0.349	-0.406	-0.461	-0.503	-0.517	-0.498	-0.446
10841	108.40	-0.373	-0.294	-0.227	-0.179	-0.151	-0.137	-0.124	-0.103	-0.070	-0.028
10851	108.50	0.017	0.057	0.089	0.113	0.135	0.160	0.191	0.228	0.267	0.304
10861	108.60	0.337	0.366	0.393	0.419	0.444	0.464	0.476	0.476	0.467	0.455
10871	108.70	0.447	0.450	0.466	0.491	0.517	0.533	0.534	0.519	0.490	0.455
10881	108.80	0.420	0.388	0.359	0.330	0.301	0.270	0.242	0.218	0.202	0.189
10891	108.90	0.174	0.150	0.116	0.071	0.025	-0.011	-0.024	-0.007	0.045	0.129
10901	109.00	0.241	0.371	0.509	0.640	0.745	0.807	0.810	0.747	0.627	0.470
10911	109.10	0.305	0.162	0.058	-0.007	-0.047	-0.085	-0.144	-0.230	-0.335	-0.442
10921	109.20	-0.532	-0.596	-0.641	-0.687	-0.754	-0.854	-0.978	-1.101	-1.188	-1.212
10931	109.30	-1.163	-1.056	-0.919	-0.787	-0.685	-0.618	-0.577	-0.542	-0.498	-0.440
10941	109.40	-0.378	-0.327	-0.302	-0.308	-0.338	-0.376	-0.404	-0.413	-0.403	-0.383
10951	109.50	-0.363	-0.352	-0.352	-0.358	-0.365	-0.366	-0.361	-0.352	-0.344	-0.339
10961	109.60	-0.337	-0.336	-0.334	-0.331	-0.328	-0.326	-0.326	-0.325	-0.319	-0.310
10971	109.70	-0.298	-0.291	-0.296	-0.318	-0.356	-0.402	-0.447	-0.483	-0.507	-0.522
10981	109.80	-0.537	-0.560	-0.592	-0.629	-0.662	-0.685	-0.697	-0.704	-0.718	-0.748
10991	109.90	-0.797	-0.853	-0.901	-0.918	-0.888	-0.805	-0.674	-0.509	-0.327	-0.146

Table 7-37-23

TABLE OF CORRECTED ACCELERATION RECORD NO.23

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11001	110.00	0.017	0.150	0.240	0.278	0.264	0.204	0.117	0.025	-0.046	-0.084
11011	110.10	-0.089	-0.077	-0.070	-0.084	-0.123	-0.171	-0.205	-0.205	-0.169	-0.116
11021	110.20	-0.083	-0.107	-0.200	-0.345	-0.488	-0.560	-0.502	-0.293	0.036	0.412
11031	110.30	0.744	0.957	1.019	0.959	0.847	0.774	0.805	0.959	1.196	1.430
11041	110.40	1.567	1.539	1.327	0.975	0.570	0.212	-0.019	-0.090	-0.019	0.137
11051	110.50	0.306	0.430	0.479	0.460	0.403	0.346	0.318	0.326	0.361	0.402
11061	110.60	0.428	0.432	0.417	0.398	0.387	0.391	0.410	0.432	0.450	0.455
11071	110.70	0.450	0.441	0.438	0.443	0.457	0.474	0.487	0.492	0.491	0.487
11081	110.80	0.488	0.496	0.509	0.523	0.534	0.538	0.538	0.537	0.541	0.551
11091	110.90	0.565	0.578	0.587	0.590	0.590	0.591	0.598	0.611	0.626	0.639
11101	111.00	0.646	0.647	0.646	0.649	0.658	0.675	0.693	0.706	0.711	0.709
11111	111.10	0.706	0.709	0.722	0.743	0.765	0.779	0.781	0.774	0.766	0.769
11121	111.20	0.788	0.817	0.847	0.862	0.857	0.837	0.818	0.820	0.853	0.910
11131	111.30	0.965	0.985	0.937	0.809	0.611	0.374	0.137	-0.069	-0.231	-0.357
11141	111.40	-0.465	-0.574	-0.689	-0.801	-0.893	-0.945	-0.947	-0.906	-0.840	-0.770
11151	111.50	-0.713	-0.678	-0.661	-0.655	-0.653	-0.649	-0.644	-0.637	-0.626	-0.609
11161	111.60	-0.584	-0.555	-0.529	-0.515	-0.519	-0.540	-0.570	-0.596	-0.610	-0.609
11171	111.70	-0.603	-0.605	-0.622	-0.655	-0.690	-0.711	-0.708	-0.684	-0.656	-0.648
11181	111.80	-0.676	-0.736	-0.803	-0.843	-0.830	-0.763	-0.675	-0.622	-0.659	-0.814
11191	111.90	-1.069	-1.366	-1.624	-1.771	-1.776	-1.657	-1.472	-1.296	-1.189	-1.172
11201	112.00	-1.226	-1.304	-1.360	-1.365	-1.319	-1.249	-1.187	-1.157	-1.163	-1.192
11211	112.10	-1.219	-1.228	-1.211	-1.176	-1.133	-1.091	-1.050	-1.001	-0.936	-0.851
11221	112.20	-0.752	-0.654	-0.570	-0.510	-0.469	-0.435	-0.392	-0.332	-0.254	-0.167
11231	112.30	-0.086	-0.019	0.031	0.072	0.117	0.173	0.245	0.326	0.405	0.473
11241	112.40	0.527	0.571	0.615	0.669	0.736	0.815	0.895	0.966	1.022	1.064
11251	112.50	1.103	1.150	1.214	1.298	1.391	1.476	1.534	1.553	1.527	1.465
11261	112.60	1.383	1.300	1.231	1.183	1.155	1.137	1.120	1.097	1.064	1.024
11271	112.70	0.982	0.943	0.908	0.878	0.849	0.819	0.786	0.752	0.716	0.680
11281	112.80	0.643	0.607	0.571	0.537	0.508	0.483	0.458	0.425	0.371	0.285
11291	112.90	0.163	0.008	-0.167	-0.339	-0.486	-0.593	-0.652	-0.668	-0.654	-0.627
11301	113.00	-0.603	-0.592	-0.598	-0.621	-0.656	-0.694	-0.730	-0.756	-0.767	-0.762
11311	113.10	-0.742	-0.716	-0.692	-0.679	-0.680	-0.693	-0.706	-0.707	-0.686	-0.639
11321	113.20	-0.569	-0.489	-0.410	-0.341	-0.285	-0.240	-0.197	-0.153	-0.103	-0.050
11331	113.30	0.003	0.053	0.102	0.151	0.205	0.263	0.323	0.375	0.411	0.424
11341	113.40	0.416	0.393	0.366	0.346	0.339	0.345	0.360	0.377	0.388	0.391
11351	113.50	0.389	0.385	0.382	0.385	0.392	0.401	0.409	0.414	0.417	0.417
11361	113.60	0.417	0.418	0.421	0.426	0.433	0.440	0.447	0.452	0.454	0.454
11371	113.70	0.451	0.449	0.452	0.462	0.479	0.499	0.514	0.512	0.480	0.409
11381	113.80	0.298	0.153	-0.014	-0.182	-0.333	-0.451	-0.526	-0.557	-0.550	-0.516
11391	113.90	-0.470	-0.422	-0.384	-0.359	-0.348	-0.350	-0.358	-0.367	-0.371	-0.368
11401	114.00	-0.358	-0.343	-0.327	-0.316	-0.312	-0.315	-0.321	-0.324	-0.319	-0.305
11411	114.10	-0.285	-0.267	-0.258	-0.263	-0.278	-0.294	-0.293	-0.262	-0.193	-0.088
11421	114.20	0.036	0.162	0.271	0.356	0.419	0.475	0.538	0.616	0.709	0.807
11431	114.30	0.896	0.968	1.026	1.083	1.154	1.249	1.364	1.481	1.570	1.602
11441	114.40	1.565	1.464	1.323	1.178	1.057	0.978	0.936	0.915	0.891	0.848
11451	114.50	0.784	0.706	0.628	0.563	0.513	0.473	0.433	0.383	0.321	0.251
11461	114.60	0.183	0.123	0.074	0.031	-0.014	-0.067	-0.130	-0.197	-0.262	-0.316
11471	114.70	-0.362	-0.403	-0.450	-0.509	-0.579	-0.652	-0.714	-0.753	-0.762	-0.743
11481	114.80	-0.710	-0.676	-0.654	-0.650	-0.662	-0.680	-0.694	-0.698	-0.693	-0.683
11491	114.90	-0.675	-0.675	-0.683	-0.695	-0.705	-0.708	-0.700	-0.686	-0.673	-0.672

Table 7-37-24

TABLE OF CORRECTED ACCELERATION RECORD NO.24

INDEX NO. 1229 1302-AB-1-11 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -103.728 (GAL) T= 10.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11501	115.00	-0.692	-0.736	-0.803	-0.885	-0.970	-1.048	-1.111	-1.158	-1.195	-1.230
11511	115.10	-1.272	-1.326	-1.389	-1.456	-1.518	-1.568	-1.607	-1.640	-1.678	-1.731
11521	115.20	-1.800	-1.879	-1.955	-2.007	-2.021	-1.990	-1.920	-1.826	-1.730	-1.649
11531	115.30	-1.592	-1.556	-1.534	-1.511	-1.480	-1.437	-1.386	-1.333	-1.285	-1.245
11541	115.40	-1.210	-1.176	-1.138	-1.095	-1.048	-1.001	-0.959	-0.921	-0.885	-0.848
11551	115.50	-0.804	-0.756	-0.707	-0.663	-0.630	-0.605	-0.581	-0.543	-0.475	-0.365
11561	115.60	-0.215	-0.034	0.157	0.338	0.493	0.618	0.720	0.817	0.925	1.055
11571	115.70	1.205	1.363	1.514	1.646	1.756	1.854	1.957	2.083	2.237	2.411
11581	115.80	2.581	2.717	2.794	2.800	2.745	2.656	2.565	2.500	2.475	2.485
11591	115.90	2.511	2.533	2.535	2.516	2.485	2.458	2.446	2.450	2.462	2.468
11601	116.00	2.461	2.438	2.408	2.386	2.379	2.389	2.403	2.407	2.391	2.356
11611	116.10	2.317	2.292	2.297	2.329	2.366	2.374	2.319	2.185	1.980	1.737
11621	116.20	1.495	1.289	1.132	1.013	0.905	0.781	0.629	0.452	0.271	0.107
11631	116.30	-0.029	-0.145	-0.263	-0.407	-0.586	-0.789	-0.987	-1.142	-1.226	-1.233
11641	116.40	-1.177	-1.090	-1.004	-0.941	-0.909	-0.900	-0.907	-0.926	-0.959	-1.013
11651	116.50	-1.094	-1.196	-1.305	-1.407	-1.488	-1.550	-1.603	-1.663	-1.740	-1.829
11661	116.60	-1.912	-1.966	-1.973	-1.928	-1.869	-1.762	-1.694	-1.661	-1.660	-1.676
11671	116.70	-1.687	-1.677	-1.645	-1.602	-1.566	-1.550	-1.553	-1.565	-1.563	-1.531
11681	116.80	-1.461	-1.357	-1.236	-1.116	-1.013	-0.932	-0.869	-0.813	-0.753	-0.682
11691	116.90	-0.598	-0.509	-0.420	-0.340	-0.272	-0.211	-0.153	-0.087	-0.008	0.084
11701	117.00	0.183	0.277	0.348	0.385	0.380	0.339	0.275	0.207	0.151	0.116
11711	117.10	0.103	0.103	0.105	0.100	0.084	0.058	0.029	0.004	-0.016	-0.029
11721	117.20	-0.040	-0.053	-0.069	-0.090	-0.113	-0.135	-0.155	-0.173	-0.190	-0.207
11731	117.30	-0.223	-0.237	-0.246	-0.249	-0.245	-0.238	-0.235	-0.241	-0.262	-0.295
11741	117.40	-0.330	-0.345	-0.316	-0.223	-0.066	0.137	0.343	0.501	0.568	0.531
11751	117.50	0.410	0.258	0.134	0.083	0.114	0.197	0.279	0.309	0.269	0.178
11761	117.60	0.082	0.031	0.052	0.126	0.208	0.243	0.204	0.104	-0.005	-0.065
11771	117.70	-0.044	0.044	0.146	0.196	0.157	0.042	-0.090	-0.172	-0.167	-0.103
11781	117.80	-0.061	-0.133	-0.365	-0.718	-1.079	-1.309	-1.323	-1.146	-0.919	-0.836
11791	117.90	-1.045	-1.552	-2.192	-2.673	-2.701	-2.112	-0.964	0.463	1.772	2.598

Table 7-38-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.091	2.660	6.920	6.121	5.933	4.574	2.691	1.049	0.181	0.164
11	0.10	0.618	0.931	0.580	-0.586	-2.254	-3.767	-4.401	-3.683	-1.602	1.357
21	0.20	4.371	6.545	7.205	6.114	3.552	0.248	-2.815	-4.675	-4.677	-2.707
31	0.30	0.725	4.576	7.559	8.547	6.975	3.080	-2.135	-7.209	-10.740	-11.877
41	0.40	-10.618	-7.763	-4.556	-2.150	-1.137	-1.346	-1.991	-2.084	-0.924	1.561
51	0.50	4.786	7.768	9.559	9.629	8.048	5.387	2.434	-0.136	-1.977	-3.087
61	0.60	-3.675	-3.967	-4.078	-4.009	-3.737	-3.316	-2.905	-2.691	-2.751	-2.959
71	0.70	-3.001	-2.528	-1.365	0.346	2.157	3.508	4.016	3.695	2.986	2.549
81	0.80	2.906	4.114	5.656	6.627	6.165	3.911	0.286	-3.586	-6.302	-6.774
91	0.90	-4.720	-0.834	3.475	6.649	7.615	6.198	3.141	-0.266	-2.769	-3.664
101	1.00	-3.030	-1.592	-0.304	0.126	-0.450	-1.613	-2.636	-2.877	-2.100	-0.578
111	1.10	1.054	2.097	2.091	0.977	-0.929	-3.108	-5.053	-6.417	-7.047	-6.931
121	1.20	-6.125	-4.717	-2.852	-0.777	1.163	2.604	3.314	3.319	2.932	2.628
131	1.30	2.808	3.559	4.547	5.132	4.664	2.840	-0.064	-3.226	-5.585	-6.307
141	1.40	-5.178	-2.739	-0.067	1.699	1.880	0.569	-1.422	-2.956	-3.133	-1.726
151	1.50	0.704	3.074	4.312	3.878	2.030	-0.302	-1.960	-2.115	-0.662	1.738
161	1.60	3.981	5.042	4.454	2.511	0.120	-1.625	-1.932	-0.649	1.695	4.141
171	1.70	5.705	5.753	4.199	1.464	-1.737	-4.679	-6.847	-8.025	-8.276	-7.833
181	1.80	-6.988	-6.002	-5.056	-4.220	-3.452	-2.614	-1.531	-0.082	1.696	3.550
191	1.90	5.046	5.706	5.214	3.589	1.254	-1.073	-2.624	-2.879	-1.771	0.284
201	2.00	2.562	4.322	5.098	4.842	3.883	2.715	1.744	1.112	0.670	0.106
211	2.10	-0.852	-2.283	-4.022	-5.747	-7.126	-7.944	-8.145	-7.784	-6.933	-5.617
221	2.20	-3.827	-1.606	0.857	3.200	4.970	5.789	5.538	4.443	3.014	1.840
231	2.30	1.333	1.548	2.156	2.608	2.406	1.350	-0.349	-2.152	-3.429	-3.735
241	2.40	-2.999	-1.534	0.117	1.426	2.095	2.140	1.832	1.516	1.437	1.635
251	2.50	1.968	2.223	2.254	2.063	1.786	1.596	1.589	1.715	1.804	1.666
261	2.60	1.218	0.558	-0.051	-0.297	0.056	0.947	2.201	3.411	4.195	4.322
271	2.70	3.786	2.775	1.558	0.350	-0.772	-1.857	-2.986	-4.147	-5.164	-5.714
281	2.80	-5.456	-4.203	-2.058	0.567	3.064	4.844	5.558	5.218	4.176	2.951
291	2.90	1.994	1.489	1.300	1.056	0.367	-0.966	-2.825	-4.811	-6.408	-7.198
301	3.00	-7.033	-6.072	-4.683	-3.266	-2.082	-1.180	-0.443	0.287	1.072	1.818
311	3.10	2.320	2.383	1.954	1.183	0.380	-0.112	-0.071	0.503	1.397	2.276
321	3.20	2.826	2.860	2.361	1.433	0.228	-1.115	-2.484	-3.757	-4.761	-5.275
331	3.30	-5.096	-4.149	-2.569	-0.712	0.938	1.951	2.112	1.514	0.502	-0.488
341	3.40	-1.127	-1.323	-1.227	-1.097	-1.117	-1.259	-1.275	-0.832	0.286	2.011
351	3.50	3.965	5.592	6.398	6.177	5.106	3.659	2.386	1.658	1.524	1.735
361	3.60	1.922	1.830	1.476	1.141	1.196	1.870	3.073	4.389	5.248	5.193
371	3.70	4.102	2.246	0.153	-1.665	-2.963	-3.860	-4.732	-5.935	-7.524	-9.115
381	3.80	-9.985	-9.380	-6.898	-2.743	2.266	6.968	10.294	11.667	11.193	9.557
391	3.90	7.676	6.287	5.645	5.473	5.166	4.136	2.124	-0.662	-3.650	-6.164
401	4.00	-7.724	-8.226	-7.940	-7.343	-6.875	-6.765	-6.977	-7.306	-7.537	-7.570
411	4.10	-7.456	-7.322	-7.238	-7.124	-6.750	-5.835	-4.201	-1.900	0.762	3.316
421	4.20	5.298	6.420	6.659	6.237	5.506	4.801	4.324	4.112	4.083	4.125
431	4.30	4.163	4.190	4.228	4.272	4.249	4.021	3.440	2.424	1.015	-0.612
441	4.40	-2.204	-3.515	-4.392	-4.822	-4.912	-4.832	-4.726	-4.660	-4.598	-4.440
451	4.50	-4.085	-3.495	-2.722	-1.894	-1.166	-0.650	-0.365	-0.235	-0.121	0.114
461	4.60	0.534	1.105	1.702	2.174	2.417	2.434	2.341	2.316	2.511	2.958
471	4.70	3.529	3.966	3.971	3.343	2.070	0.363	-1.404	-2.823	-3.597	-3.636
481	4.80	-3.073	-2.197	-1.335	-0.737	-0.516	-0.650	-1.042	-1.581	-2.187	-2.801
491	4.90	-3.356	-3.740	-3.803	-3.403	-2.480	-1.113	0.471	1.963	3.075	3.645

Table 7-38-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	3.694	3.399	3.004	2.698	2.538	2.432	2.208	1.721	0.948	0.020
511	5.10	-0.829	-1.357	-1.434	-1.093	-0.523	0.023	0.340	0.358	0.167	-0.036
521	5.20	-0.040	0.283	0.930	1.779	2.652	3.395	3.936	4.290	4.527	4.713
531	5.30	4.863	4.938	4.870	4.614	4.187	3.672	3.190	2.839	2.655	2.594
541	5.40	2.553	2.431	2.172	1.790	1.350	0.915	0.496	0.026	-0.619	-1.553
551	5.50	-2.810	-4.294	-5.782	-6.983	-7.633	-7.572	-6.789	-5.402	-3.606	-1.602
561	5.60	0.442	2.395	4.138	5.543	6.486	6.859	6.696	6.147	5.480	4.986
571	5.70	4.837	4.979	5.107	4.756	3.489	1.101	-2.249	-6.046	-9.581	-12.199
581	5.80	-13.532	-13.611	-12.812	-11.666	-10.616	-9.851	-9.271	-8.607	-7.622	-6.279
591	5.90	-4.792	-3.535	-2.853	-2.875	-3.429	-4.105	-4.437	-4.108	-3.077	-1.578
601	6.00	0.025	1.432	2.544	3.488	4.506	5.771	7.243	8.631	9.501	9.470
611	6.10	8.400	6.479	4.166	2.001	0.389	-0.556	-1.035	-1.443	-2.179	-3.449
621	6.20	-5.177	-7.026	-8.527	-9.244	-8.920	-7.546	-5.340	-2.679	0.013	2.355
631	6.30	4.086	5.099	5.445	5.304	4.920	4.523	4.261	4.155	4.114	3.994
641	6.40	3.685	3.172	2.541	1.928	1.423	1.002	0.518	-0.222	-1.335	-2.742
651	6.50	-4.147	-5.113	-5.232	-4.305	-2.438	-0.015	2.449	4.511	5.949	6.795
661	6.60	7.240	7.475	7.560	7.389	6.775	5.803	3.946	2.082	0.379	-0.877
671	6.70	-1.629	-2.080	-2.576	-3.406	-4.627	-6.006	-7.129	-7.610	-7.300	-6.380
681	6.80	-5.277	-4.442	-4.119	-4.218	-4.365	-4.119	-3.227	-1.791	-0.247	0.838
691	6.90	1.056	0.385	-0.769	-1.733	-1.870	-0.866	1.125	3.542	5.663	6.900
701	7.00	7.017	6.184	4.857	3.553	2.642	2.230	2.174	2.200	2.039	1.530
711	7.10	0.652	-0.510	-1.818	-3.117	-4.258	-5.085	-5.448	-5.225	-4.367	-2.932
721	7.20	-1.090	0.914	2.830	4.465	5.717	6.568	7.035	7.136	6.870	6.232
731	7.30	5.255	4.028	2.690	1.382	0.182	-0.928	-2.054	-3.325	-4.795	-6.386
741	7.40	-7.878	-8.979	-9.438	-9.153	-8.213	-6.857	-5.366	-3.945	-2.640	-1.351
751	7.50	0.087	1.777	3.674	5.570	7.171	8.229	8.658	8.581	8.274	8.040
761	7.60	8.062	8.324	8.627	8.702	8.365	7.627	6.708	5.938	5.597	5.765
771	7.70	6.269	6.757	6.860	6.375	5.366	4.135	3.065	2.418	2.181	2.036
781	7.80	1.494	0.115	-2.270	-5.436	-8.808	-11.633	-13.221	-13.158	-11.409	-8.295
791	7.90	-4.370	-0.259	3.507	6.602	8.972	10.845	12.667	14.956	18.086	22.039
801	8.00	26.232	29.521	30.461	27.774	20.904	10.402	-2.040	-14.010	-23.136	-27.910
811	8.10	-28.238	-25.461	-21.819	-19.556	-20.071	-23.443	-28.547	-33.647	-37.174	-38.286
821	8.20	-36.987	-33.778	-29.124	-23.063	-15.233	-5.309	6.409	18.639	29.296	36.208
831	8.30	38.082	35.219	29.565	23.989	21.049	21.818	25.335	28.971	29.582	24.897
841	8.40	14.520	0.062	-15.606	-29.593	-40.091	-46.816	-50.645	-52.720	-53.579	-52.833
851	8.50	-49.545	-43.089	-33.935	-23.829	-15.198	-9.994	-8.612	-9.485	-9.655	-6.124
861	8.60	2.656	15.895	30.654	43.060	49.971	50.298	45.349	38.073	31.598	27.834
871	8.70	26.815	27.052	26.646	24.496	20.946	17.517	15.918	16.891	19.578	21.775
881	8.80	20.978	15.687	6.283	-4.980	-14.871	-20.533	-20.636	-15.789	-8.104	-0.186
891	8.90	5.917	9.282	10.049	8.872	6.299	2.472	-2.735	-9.271	-16.518	-23.260
901	9.00	-28.072	-29.956	-28.852	-25.745	-22.287	-20.119	-20.250	-22.760	-26.932	-31.642
911	9.10	-35.763	-38.360	-38.663	-35.972	-29.722	-19.774	-6.826	7.370	20.241	29.149
921	9.20	32.384	29.935	23.568	16.075	9.985	6.351	4.265	1.404	-4.611	-14.727
931	9.30	-27.653	-40.224	-48.828	-51.200	-47.642	-40.958	-35.043	-32.789	-34.363	-36.802
941	9.40	-35.234	-25.207	-5.023	23.103	53.674	80.111	97.496	104.564	104.006	100.953
951	9.50	100.388	104.756	112.881	120.675	123.209	117.093	102.005	80.678	57.447	36.171
961	9.60	18.585	3.896	-10.267	-26.121	-44.142	-62.480	-77.640	-86.088	-85.956	-78.003
971	9.70	-65.384	-52.367	-42.624	-37.904	-37.643	-39.613	-41.213	-40.756	-38.182	-34.931
981	9.80	-33.132	-34.548	-39.748	-47.835	-56.762	-64.043	-67.536	-66.031	-59.508	-49.050
991	9.90	-36.505	-23.994	-13.389	-5.854	-1.577	0.224	0.951	2.038	4.314	7.601

Table 7-38-3

TABLE OF CORRECTED ACCELERATION RECORD

NO. 3

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	10.780	12.353	11.304	7.860	3.750	1.747	4.616	13.904	29.118	47.723
1011	10.10	66.006	80.465	89.085	91.947	90.878	88.352	86.175	84.610	82.340	77.259
1021	10.20	67.650	53.144	34.985	15.509	-2.854	-18.501	-31.042	-41.003	-49.079	-55.428
1031	10.30	-59.452	-60.178	-57.034	-50.523	-42.366	-34.948	-30.331	-29.328	-31.153	-33.855
1041	10.40	-35.328	-34.379	-31.303	-27.645	-25.296	-25.385	-27.551	-29.991	-30.230	-26.247
1051	10.50	-17.375	-4.559	10.102	24.256	36.156	45.073	51.136	54.781	56.185	55.013
1061	10.60	50.603	42.448	30.674	16.247	0.802	-13.806	-25.987	-34.754	-39.798	-41.383
1071	10.70	-40.148	-36.922	-32.548	-27.669	-22.484	-16.564	-8.892	1.741	16.016	33.336
1081	10.80	51.437	66.727	75.379	74.836	65.050	48.816	30.885	16.145	7.633	5.326
1091	10.90	6.338	6.508	2.655	-5.588	-15.287	-21.387	-19.033	-5.950	16.274	42.618
1101	11.00	66.594	82.799	88.883	86.043	77.915	68.508	60.243	53.039	44.804	32.950
1111	11.10	16.077	-5.082	-27.882	-48.994	-65.930	-78.066	-86.674	-93.998	-101.917	-110.895
1121	11.20	-119.729	-126.168	-128.018	-124.167	-115.041	-102.324	-88.178	-74.384	-61.806	-50.353
1131	11.30	-39.354	-28.059	-16.004	-3.104	10.476	24.496	38.726	52.885	66.516	78.942
1141	11.40	89.358	97.074	101.750	103.509	102.811	100.173	95.844	89.633	80.989	69.324
1151	11.50	54.428	36.804	17.750	-0.869	-17.091	-29.409	-37.221	-41.006	-42.181	-42.659
1161	11.60	-44.267	-48.189	-54.652	-62.915	-71.587	-79.114	-84.235	-86.223	-84.843	-80.095
1171	11.70	-71.952	-60.296	-45.161	-27.167	-7.893	10.129	23.953	31.195	31.048	24.861
1181	11.80	15.915	8.373	5.792	9.814	19.622	32.415	44.668	53.590	58.086	58.820
1191	11.90	57.404	55.232	52.590	48.540	41.592	30.751	16.390	-0.146	-16.387	-30.742
1201	12.00	-42.869	-53.775	-64.960	-77.135	-89.262	-98.507	-101.261	-94.753	-78.441	-54.439
1211	12.10	-26.680	0.765	25.380	47.021	67.418	88.612	111.183	133.207	150.581	158.592
1221	12.20	153.997	136.577	109.393	77.634	46.620	19.950	-1.364	-18.459	-33.253	-46.980
1231	12.30	-59.402	-69.106	-74.599	-75.507	-73.138	-70.024	-68.677	-70.217	-73.642	-76.165
1241	12.40	-74.466	-66.250	-51.316	-31.628	-10.407	9.252	25.506	38.085	47.735	55.176
1251	12.50	60.234	61.663	57.783	47.581	31.644	12.391	-6.604	-21.886	-31.425	-35.304
1261	12.60	-35.505	-34.901	-35.940	-39.626	-45.199	-50.598	-53.400	-51.796	-45.181	-34.201
1271	12.70	-20.323	-5.216	9.777	23.890	36.892	48.832	59.724	69.286	76.795	81.113
1281	12.80	80.881	74.898	62.596	44.494	22.425	-0.640	-21.212	-36.220	-43.939	-44.533
1291	12.90	-39.941	-33.112	-26.874	-22.896	-21.199	-20.405	-18.586	-14.297	-7.291	1.405
1301	13.00	10.035	16.987	21.507	23.910	25.215	26.434	27.939	29.257	29.394	27.490
1311	13.10	23.409	17.923	12.369	7.966	5.185	3.548	1.986	-0.422	-3.750	-6.979
1321	13.20	-8.405	-6.549	-1.098	6.602	13.855	17.618	15.807	8.288	-2.907	-14.286
1331	13.30	-22.217	-24.306	-20.244	-11.782	-1.904	6.416	11.307	12.505	11.135	8.943
1341	13.40	7.407	7.124	7.720	8.245	7.786	5.963	3.075	-0.155	-3.062	-5.480
1351	13.50	-7.884	-11.181	-16.232	-23.355	-32.072	-41.212	-49.350	-55.336	-58.675	-59.533
1361	13.60	-58.387	-55.487	-50.451	-42.265	-29.772	-12.483	8.667	31.046	50.787	63.934
1371	13.70	67.862	62.378	49.982	35.086	22.417	15.261	14.270	17.371	20.837	21.039
1381	13.80	16.113	6.776	-4.070	-12.739	-16.495	-14.779	-9.381	-3.477	-0.051	-0.497
1391	13.90	-4.070	-8.444	-11.030	-10.357	-6.788	-2.215	1.071	1.692	-0.024	-2.236
1401	14.00	-2.632	0.233	6.074	12.976	18.442	20.837	20.428	19.413	20.850	26.983
1411	14.10	37.823	50.730	61.279	65.042	59.438	44.791	24.118	1.775	-18.330	-34.099
1421	14.20	-45.583	-54.252	-61.692	-68.499	-73.949	-76.571	-75.216	-69.973	-62.341	-54.561
1431	14.30	-48.439	-44.362	-41.048	-36.239	-27.977	-15.806	-1.232	12.811	23.255	28.288
1441	14.40	28.149	24.928	21.491	20.093	21.377	24.230	26.538	26.392	23.119	17.638
1451	14.50	11.992	8.361	8.067	11.066	16.096	21.336	25.171	26.689	25.724	22.556
1461	14.60	17.537	10.925	2.974	-5.806	-14.502	-21.925	-27.023	-29.341	-29.266	-27.841
1471	14.70	-26.216	-24.991	-23.827	-21.562	-16.810	-8.752	2.299	14.865	26.826	36.263
1481	14.80	42.160	44.663	44.635	43.148	40.633	36.728	30.567	21.457	9.542	-3.928
1491	14.90	-16.905	-27.290	-33.738	-36.135	-35.505	-33.415	-31.207	-29.443	-27.820	-25.556

Table 7-38-4

TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-21.997	-17.087	-11.452	-6.063	-1.696	1.499	4.074	6.950	10.862	15.882
1511	15.10	21.284	25.818	28.269	28.021	25.336	21.244	17.094	13.999	12.433	12.138
1521	15.20	12.356	12.236	11.216	9.224	6.639	4.066	2.055	0.875	0.424	0.276
1531	15.30	-0.176	-1.516	-4.113	-7.966	-12.642	-17.342	-21.117	-23.183	-23.244	-21.690
1541	15.40	-19.530	-18.056	-18.313	-20.600	-24.228	-27.683	-29.193	-27.464	-22.300	-14.783
1551	15.50	-6.925	-0.877	1.962	1.577	-0.596	-2.197	-0.872	4.787	14.669	27.149
1561	15.60	39.674	49.642	55.240	55.918	52.363	46.057	38.643	31.364	24.777	18.786
1571	15.70	12.905	6.608	-0.394	-8.010	-15.789	-23.030	-28.949	-32.855	-34.316	-33.297
1581	15.80	-30.221	-25.925	-21.462	-17.791	-15.455	-14.356	-13.779	-12.678	-10.133	-5.815
1591	15.90	-0.219	5.427	9.593	11.012	9.161	4.417	-2.154	-9.282	-15.996	-21.900
1601	16.00	-27.095	-31.800	-35.910	-38.736	-39.124	-35.916	-28.551	-17.485	-4.198	9.259
1611	16.10	20.986	29.905	36.042	40.287	43.733	46.932	49.422	49.804	46.352	37.904
1621	16.20	24.628	8.295	-8.087	-21.162	-28.284	-28.346	-22.054	-11.582	0.222	10.775
1631	16.30	18.483	23.050	25.299	26.665	28.545	31.749	36.201	40.943	44.426	44.974
1641	16.40	41.302	32.934	20.416	5.232	-10.552	-24.831	-36.012	-43.388	-47.201	-48.377
1651	16.50	-48.045	-47.063	-45.728	-43.815	-40.869	-36.604	-31.192	-25.274	-19.704	-15.163
1661	16.60	-11.842	-9.392	-7.165	-4.619	-1.687	1.117	2.919	2.933	0.919	-2.593
1671	16.70	-6.441	-9.272	-10.083	-8.595	-5.288	-1.099	3.066	6.737	9.996	13.274
1681	16.80	16.930	20.879	24.460	26.658	26.562	23.852	19.048	13.393	8.403	5.289
1691	16.90	4.503	5.615	7.568	9.169	9.596	8.693	6.939	5.133	3.981	3.763
1701	17.00	4.253	4.899	5.153	4.785	4.022	3.446	3.694	5.110	7.509	10.170
1711	17.10	12.073	12.294	10.403	6.689	2.122	-1.951	-4.283	-4.173	-1.738	2.118
1721	17.20	6.026	8.640	9.102	7.301	3.829	-0.343	-4.323	-7.670	-10.547	-13.557
1731	17.30	-17.378	-22.346	-28.209	-34.145	-39.048	-41.942	-42.328	-40.319	-36.524	-31.754
1741	17.40	-26.720	-21.860	-17.348	-13.249	-9.673	-6.824	-4.895	-3.878	-3.427	-2.882
1751	17.50	-1.497	1.219	5.230	9.911	14.264	17.338	18.648	18.394	17.379	16.646
1761	17.60	17.033	18.844	21.809	25.317	28.789	31.980	35.040	38.299	41.919	45.589
1771	17.70	48.473	49.441	47.493	42.184	33.823	23.392	12.203	1.501	-7.837	-15.369
1781	17.80	-20.976	-24.678	-26.531	-26.668	-25.442	-23.533	-21.863	-21.310	-22.294	-24.443
1791	17.90	-26.568	-27.005	-24.268	-17.731	-8.048	2.907	12.602	18.697	19.848	16.149
1801	18.00	9.030	0.678	-6.766	-11.901	-14.398	-14.878	-14.452	-14.167	-14.600	-15.764
1811	18.10	-17.293	-18.792	-20.130	-21.541	-23.496	-26.406	-30.334	-34.836	-39.029	-41.840
1821	18.20	-42.348	-40.067	-35.077	-27.959	-19.574	-10.796	-2.260	5.723	13.169	20.278
1831	18.30	27.269	34.238	41.090	47.551	53.254	57.842	61.066	62.837	63.231	62.449
1841	18.40	60.760	58.420	55.606	52.366	48.587	44.012	38.292	31.096	22.240	11.815
1851	18.50	0.276	-11.570	-22.662	-31.888	-38.312	-41.395	-41.112	-37.961	-32.842	-26.855
1861	18.60	-21.076	-16.355	-13.194	-11.704	-11.648	-12.539	-13.780	-14.811	-15.247	-14.959
1871	18.70	-14.090	-12.983	-12.045	-11.578	-11.664	-12.123	-12.600	-12.726	-12.290	-11.338
1881	18.80	-10.144	-9.057	-8.293	-7.788	-7.194	-6.042	-4.008	-1.156	1.977	4.523
1891	18.90	5.608	4.727	2.002	-1.828	-5.670	-8.509	-9.798	-9.640	-8.668	-7.695
1901	19.00	-7.311	-7.620	-8.254	-8.636	-8.366	-7.375	-6.120	-5.116	-4.639	-4.431
1911	19.10	-3.711	-1.538	2.655	8.602	15.105	20.403	22.874	21.790	17.735	12.473
1921	19.20	8.270	6.956	9.120	13.846	19.048	22.402	22.255	18.308	11.664	4.278
1931	19.30	-1.904	-5.723	-7.150	-7.087	-6.775	-7.131	-8.353	-9.951	-11.144	-11.363
1941	19.40	-10.573	-9.253	-8.055	-7.372	-7.060	-6.490	-4.901	-1.860	2.431	7.162
1951	19.50	11.257	13.866	14.720	14.176	12.926	11.534	10.073	8.070	4.799	-0.231
1961	19.60	-6.853	-14.144	-20.709	-25.241	-27.066	-26.418	-24.295	-21.969	-20.400	-19.817
1971	19.70	-19.674	-18.958	-16.686	-12.333	-6.004	1.698	9.976	18.141	25.739	32.485
1981	19.80	38.078	42.084	43.977	43.360	40.240	35.177	29.185	23.400	18.648	15.126
1991	19.90	12.366	9.493	5.682	0.565	-5.587	-11.999	-17.750	-22.188	-25.160	-26.995

Table 7-38-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-28.243	-29.338	-30.367	-31.069	-31.025	-29.955	-27.915	-25.315	-22.725	-20.594
2011	20.10	-19.012	-17.645	-15.861	-12.978	-8.523	-2.373	5.223	13.746	22.527	30.848
2021	20.20	37.992	43.290	46.194	46.405	44.003	39.496	33.746	27.732	22.256	17.696
2031	20.30	13.932	10.492	6.852	2.743	-1.676	-5.878	-9.219	-11.261	-11.986	-11.790
2041	20.40	-11.263	-10.849	-10.587	-10.063	-8.614	-5.685	-1.183	4.374	9.977	14.483
2051	20.50	17.035	17.387	15.960	13.638	11.404	9.962	9.515	9.776	10.156	10.043
2061	20.60	9.035	7.040	4.241	0.968	-2.423	-5.634	-8.425	-10.590	-11.947	-12.365
2071	20.70	-11.838	-10.540	-8.031	-7.173	-5.991	-5.524	-5.744	-6.387	-7.088	-7.561
2081	20.80	-7.740	-7.821	-8.168	-9.145	-10.933	-13.445	-16.356	-19.255	-21.833	-24.015
2091	20.90	-25.969	-27.979	-30.244	-32.696	-34.941	-36.362	-36.243	-34.207	-30.190	-24.551
2101	21.00	-17.923	-10.988	-4.268	1.975	7.711	13.006	17.883	22.228	25.807	28.362
2111	21.10	29.712	29.817	28.758	26.667	23.659	19.823	15.273	10.235	5.095	0.346
2121	21.20	-3.549	-6.326	-8.022	-8.946	-9.505	-9.971	-10.303	-10.124	-8.888	-6.142
2131	21.30	-1.770	3.914	10.272	16.572	22.230	26.918	30.504	32.879	33.808	32.934
2141	21.40	29.963	24.936	18.430	11.501	5.361	0.891	-1.770	-3.328	-5.039	-8.124
2151	21.50	-13.166	-19.783	-26.761	-32.595	-36.165	-37.212	-36.362	-34.700	-33.108	-31.741
2161	21.60	-29.931	-26.581	-20.859	-12.811	-3.559	5.064	11.258	14.038	13.627	11.285
2171	21.70	8.634	6.854	6.145	5.746	4.484	1.564	-2.834	-7.474	-10.552	-10.524
2181	21.80	-6.850	-0.283	7.436	14.322	18.984	21.107	21.630	21.234	21.649	23.116
2191	21.90	25.274	27.261	28.243	27.855	26.353	24.408	22.700	21.554	20.823	20.055
2201	22.00	18.830	17.063	15.078	13.426	12.539	12.419	12.551	12.081	10.178	6.405
2211	22.10	0.908	-5.655	-12.382	-18.473	-23.463	-27.272	-30.079	-32.121	-33.566	-34.388
2221	22.20	-34.632	-34.330	-33.646	-32.791	-31.897	-30.902	-29.533	-27.423	-24.306	-20.199
2231	22.30	-15.460	-10.676	-6.441	-3.105	-0.645	1.297	3.211	5.458	8.069	10.715
2241	22.40	12.849	13.953	13.774	12.438	10.393	8.220	6.412	5.212	4.588	4.340
2251	22.50	4.258	4.256	4.409	4.887	5.816	7.166	8.709	10.089	10.951	11.081
2261	22.60	10.482	9.351	7.979	6.621	5.408	4.333	3.317	2.309	1.360	0.636
2271	22.70	0.355	0.684	1.651	3.114	4.802	6.411	7.706	8.575	9.021	9.102
2281	22.80	8.862	8.290	7.348	6.038	4.486	2.967	1.870	1.572	2.289	3.956
2291	22.90	6.192	8.378	9.828	9.993	8.623	5.828	2.030	-2.193	-6.285	-9.872
2301	23.00	-12.822	-15.214	-17.226	-18.995	-20.524	-21.662	-22.178	-21.880	-20.743	-18.955
2311	23.10	-16.880	-14.926	-13.378	-12.279	-11.406	-10.368	-8.793	-6.515	-3.683	-0.740
2321	23.20	1.745	3.295	3.725	3.219	2.257	1.418	1.155	1.640	2.728	4.070
2331	23.30	5.291	6.160	6.668	6.991	7.371	7.974	8.805	9.709	10.446	10.793
2341	23.40	10.626	9.939	8.814	7.368	5.715	3.964	2.232	0.664	-0.579	-1.360
2351	23.50	-1.616	-1.394	-0.839	-0.138	0.548	1.141	1.652	2.149	2.699	3.329
2361	23.60	4.012	4.696	5.326	5.861	6.250	6.399	6.160	5.361	3.891	1.793
2371	23.70	-0.689	-3.148	-5.144	-6.365	-6.759	-6.546	-6.099	-5.749	-5.602	-5.473
2381	23.80	-4.984	-3.780	-1.777	0.712	3.026	4.392	4.241	2.462	-0.523	-3.912
2391	23.90	-6.825	-8.636	-9.184	-8.781	-8.031	-7.548	-7.713	-8.558	-9.817	-11.080
2401	24.00	-11.982	-12.314	-12.036	-11.212	-9.909	-8.148	-5.908	-3.182	-0.040	3.348
2411	24.10	6.752	9.941	12.744	15.069	16.863	18.050	18.497	18.031	16.520	13.982
2421	24.20	10.670	7.067	3.791	1.419	0.311	0.487	1.620	3.138	4.411	4.936
2431	24.30	4.473	3.087	1.082	-1.124	-3.138	-4.706	-5.757	-6.385	-6.776	-7.121
2441	24.40	-7.543	-8.060	-8.601	-9.053	-9.326	-9.411	-9.396	-9.451	-9.762	-10.472
2451	24.50	-11.622	-13.132	-14.821	-16.455	-17.792	-18.615	-18.731	-17.966	-16.162	-13.203
2461	24.60	-9.079	-3.954	1.801	7.634	12.924	17.149	20.040	21.662	22.365	22.616
2471	24.70	22.777	22.914	22.741	21.732	19.363	15.388	10.027	3.966	-1.835	-6.468
2481	24.80	-9.383	-10.557	-10.443	-9.730	-9.017	-8.549	-8.138	-7.295	-5.505	-2.521
2491	24.90	1.473	5.901	10.009	13.166	15.092	15.932	16.129	16.183	16.407	16.786

Table 7-38-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	17.014	16.658	15.375	13.074	9.939	6.331	2.626	-0.931	-4.280	-7.490
2511	25.10	-10.648	-13.749	-16.652	-19.127	-20.948	-21.989	-22.260	-21.866	-20.919	-19.458
2521	25.20	-17.415	-14.660	-11.098	-6.763	-1.854	3.291	8.290	12.826	16.708	19.871
2531	25.30	22.315	24.025	24.917	24.856	23.722	21.501	18.345	14.568	10.568	6.704
2541	25.40	3.202	0.104	-2.692	-5.338	-7.933	-10.453	-12.758	-14.653	-15.982	-16.693
2551	25.50	-16.839	-16.520	-15.798	-14.630	-12.880	-10.400	-7.164	-3.375	0.508	3.871
2561	25.60	6.135	6.972	6.455	5.050	3.458	2.344	2.070	2.550	3.287	3.591
2571	25.70	2.874	0.914	-2.050	-5.415	-8.460	-10.636	-11.755	-12.011	-11.825	-11.607
2581	25.80	-11.546	-11.534	-11.249	-10.349	-8.659	-6.272	-3.497	-0.705	1.847	4.111
2591	25.90	6.215	8.317	10.443	12.399	13.819	14.326	13.729	12.146	9.978	7.732
2601	26.00	5.797	4.261	2.883	1.245	-1.006	-3.927	-7.182	-10.134	-12.080	-12.530
2611	26.10	-11.391	-8.987	-5.906	-2.765	0.003	2.247	4.061	5.638	7.131	8.566
2621	26.20	9.866	10.933	11.743	12.382	13.013	13.782	14.743	15.831	16.908	17.845
2631	26.30	18.587	19.160	19.609	19.906	19.900	19.347	18.017	15.834	12.955	9.748
2641	26.40	6.642	3.930	1.612	-0.622	-3.259	-6.713	-11.096	-16.103	-21.094	-25.321
2651	26.50	-28.217	-29.583	-29.607	-28.697	-27.221	-25.297	-22.745	-19.230	-14.533	-8.798
2661	26.60	-2.628	3.055	7.316	9.564	9.782	8.523	6.665	5.030	4.038	3.563
2671	26.70	3.027	1.710	-0.892	-4.799	-9.514	-14.196	-17.985	-20.304	-21.031	-20.472
2681	26.80	-19.171	-17.655	-16.233	-14.929	-13.556	-11.876	-9.776	-7.353	-4.900	-2.804
2691	26.90	-1.400	-0.856	-1.153	-2.013	-3.195	-4.401	-5.450	-6.291	-6.968	-7.549
2701	27.00	-8.055	-8.404	-8.400	-7.789	-6.341	-3.954	-0.724	3.039	6.870	10.267
2711	27.10	12.822	14.333	14.840	14.589	13.931	13.210	12.669	12.419	12.456	12.713
2721	27.20	13.117	13.606	14.130	14.631	15.030	15.235	15.171	14.801	14.134	13.201
2731	27.30	12.017	10.555	8.754	6.571	4.039	1.315	-1.330	-3.587	-5.203	-6.069
2741	27.40	-6.240	-5.868	-5.092	-3.933	-2.259	0.146	3.434	7.547	12.138	16.623
2751	27.50	20.359	22.859	23.970	23.900	23.105	22.052	20.995	19.859	18.283	15.816
2761	27.60	12.171	7.414	2.008	-3.325	-7.846	-11.061	-12.869	-13.567	-13.691	-13.800
2771	27.70	-14.279	-15.242	-16.564	-17.995	-19.297	-20.334	-21.074	-21.535	-21.709	-21.515
2781	27.80	-20.825	-19.534	-17.850	-15.349	-12.956	-10.853	-9.352	-8.587	-8.458	-8.670
2791	27.90	-8.841	-8.636	-7.878	-6.599	-5.000	-3.360	-1.920	-0.795	0.059	0.802
2801	28.00	1.628	2.673	3.950	5.344	6.662	7.715	8.394	8.709	8.776	8.755
2811	28.10	8.769	8.855	8.948	8.929	8.694	8.229	7.635	7.104	6.842	6.987
2821	28.20	7.538	8.357	9.217	9.889	10.231	10.223	9.953	9.544	9.091	8.584
2831	28.30	7.936	7.022	5.756	4.155	2.339	0.491	-1.224	-2.734	-4.084	-5.405
2841	28.40	-6.832	-8.421	-10.099	-11.678	-12.924	-13.656	-13.820	-13.508	-12.918	-12.259
2851	28.50	-11.672	-11.179	-10.698	-10.099	-9.285	-8.243	-7.048	-5.826	-4.696	-3.723
2861	28.60	-2.903	-2.195	-1.563	-1.013	-0.598	-0.386	-0.409	-0.626	-0.918	-1.129
2871	28.70	-1.127	-0.875	-0.450	-0.027	0.190	0.055	-0.447	-1.176	-1.863	-2.186
2881	28.80	-1.865	-0.747	1.149	3.630	6.382	9.047	11.298	12.911	13.783	13.927
2891	28.90	13.430	12.407	10.960	9.174	7.122	4.904	2.668	0.608	-1.065	-2.179
2901	29.00	-2.653	-2.526	-1.933	-1.054	-0.033	1.076	2.319	3.799	5.600	7.703
2911	29.10	9.945	12.028	13.644	14.471	14.361	13.335	11.562	9.301	6.811	4.289
2921	29.20	1.835	-0.531	-2.832	-5.081	-7.247	-9.245	-10.945	-12.201	-12.890	-12.952
2931	29.30	-12.409	-11.375	-10.032	-8.580	-7.178	-5.886	-4.642	-3.289	-1.637	0.445
2941	29.40	2.959	5.759	8.594	11.198	13.399	15.172	16.642	18.007	19.439	20.993
2951	29.50	22.585	24.029	25.127	25.751	25.885	25.598	24.971	24.015	22.636	20.656
2961	29.60	17.892	14.246	9.765	4.633	-0.885	-6.533	-12.122	-17.545	-22.733	-27.592
2971	29.70	-31.964	-35.640	-38.415	-40.181	-40.983	-41.022	-40.582	-39.921	-39.165	-38.263
2981	29.80	-37.013	-35.153	-32.483	-28.960	-24.735	-20.128	-15.541	-11.371	-7.925	-5.370
2991	29.90	-3.731	-2.909	-2.725	-2.963	-3.426	-3.973	-4.542	-5.158	-5.899	-6.854

Table 7-38-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-8.074	-9.530	-11.115	-12.657	-13.968	-14.872	-15.219	-14.877	-13.715	-11.607
3011	30.10	-8.465	-4.309	0.680	6.128	11.523	16.335	20.165	22.872	24.613	25.762
3021	30.20	26.751	27.875	29.170	30.391	31.138	31.032	29.906	27.884	25.346	22.769
3031	30.30	20.544	18.835	17.552	16.441	15.243	13.828	12.255	10.720	9.429	8.468
3041	30.40	7.743	7.024	6.062	4.734	3.121	1.480	0.130	-0.709	-1.021	-1.006
3051	30.50	-0.979	-1.211	-1.787	-2.561	-3.220	-3.434	-3.007	-1.967	-0.543	0.952
3061	30.60	2.259	3.272	4.046	4.717	5.392	6.067	6.629	6.935	6.915	6.642
3071	30.70	6.314	6.153	6.266	6.555	6.722	6.377	5.217	3.168	0.441	-2.539
3081	30.80	-5.300	-7.492	-8.996	-9.921	-10.503	-10.959	-11.390	-11.748	-11.905	-11.738
3091	30.90	-11.204	-10.347	-9.245	-7.939	-6.405	-4.580	-2.450	-0.129	2.109	3.889
3101	31.00	4.868	4.876	3.990	2.504	0.807	-0.792	-2.175	-3.438	-4.791	-6.408
3111	31.10	-8.287	-10.217	-11.848	-12.841	-13.010	-12.400	-11.244	-9.844	-8.432	-7.089
3121	31.20	-5.758	-4.333	-2.780	-1.207	0.147	1.016	1.226	0.791	-0.081	-1.067
3131	31.30	-1.860	-2.282	-2.336	-2.164	-1.963	-1.873	-1.920	-2.021	-2.044	-1.881
3141	31.40	-1.510	-0.998	-0.458	0.009	0.367	0.657	0.969	1.385	1.930	2.548
3151	31.50	3.111	3.469	3.505	3.189	2.592	1.867	1.192	0.710	0.466	0.394
3161	31.60	0.338	0.125	-0.359	-1.098	-1.935	-2.615	-2.672	-2.538	-1.600	-0.207
3171	31.70	1.398	2.983	4.420	5.713	6.959	8.238	9.516	10.586	11.110	10.737
3181	31.80	9.260	6.731	3.487	0.065	-2.963	-5.168	-6.379	-6.703	-6.447	-5.974
3191	31.90	-5.572	-5.373	-5.349	-5.370	-5.284	-4.982	-4.429	-3.654	-2.722	-1.714
3201	32.00	-0.709	0.216	0.985	1.534	1.826	1.869	1.719	1.464	1.201	1.000
3211	32.10	0.900	0.906	1.022	1.265	1.677	2.300	3.150	4.177	5.262	6.234
3221	32.20	6.926	7.230	7.144	6.773	6.295	5.901	5.722	5.789	6.017	6.240
3231	32.30	6.265	5.938	5.188	4.047	2.630	1.093	-0.416	-1.795	-3.003	-4.039
3241	32.40	-4.909	-5.586	-5.997	-6.039	-5.626	-4.744	-3.498	-2.106	-0.853	0.001
3251	32.50	0.308	0.089	-0.474	-1.108	-1.552	-1.659	-1.444	-1.068	-0.759	-0.712
3261	32.60	-1.003	-1.562	-2.203	-2.701	-2.885	-2.692	-2.180	-1.498	-0.818	-0.277
3271	32.70	0.059	0.197	0.192	0.112	-0.000	-0.132	-0.295	-0.506	-0.757	-1.003
3281	32.80	-1.158	-1.115	-0.785	-0.129	0.810	1.904	2.962	3.776	4.181	4.099
3291	32.90	3.548	2.629	1.469	0.170	-1.221	-2.717	-4.346	-6.109	-7.942	-9.716
3301	33.00	-11.273	-12.488	-13.307	-13.764	-13.935	-13.872	-13.537	-12.780	-11.375	-9.106
3311	33.10	-5.876	-1.783	2.863	7.602	11.930	15.428	17.853	19.174	19.534	19.178
3321	33.20	18.356	17.253	15.954	14.455	12.702	10.647	8.287	5.695	3.005	0.388
3331	33.30	-1.995	-4.041	-5.723	-7.098	-8.267	-9.324	-10.304	-11.149	-11.707	-11.780
3341	33.40	-11.188	-9.834	-7.748	-5.086	-2.096	0.941	3.767	6.184	8.066	9.346
3351	33.50	10.005	10.061	9.565	8.600	7.282	5.743	4.106	2.468	0.896	-0.563
3361	33.60	-1.856	-2.898	-3.573	-3.754	-3.357	-2.388	-0.973	0.639	2.129	3.181
3371	33.70	3.558	3.167	2.075	0.493	-1.281	-2.935	-4.207	-4.944	-5.124	-4.848
3381	33.80	-4.308	-3.729	-3.310	-3.183	-3.384	-3.868	-4.538	-5.287	-6.030	-6.705
3391	33.90	-7.264	-7.646	-7.766	-7.524	-6.849	-5.736	-4.281	-2.666	-1.106	0.220
3401	34.00	1.241	2.010	2.674	3.401	4.295	5.347	6.441	7.411	8.122	8.534
3411	34.10	8.717	8.805	8.929	9.145	9.421	9.659	9.767	9.722	9.587	9.482
3421	34.20	9.505	9.657	9.808	9.726	9.171	8.004	6.270	4.205	2.167	0.516
3431	34.30	-0.514	-0.890	-0.785	-0.504	-0.371	-0.621	-1.333	-2.422	-3.682	-4.863
3441	34.40	-5.735	-6.139	-6.006	-5.352	-4.261	-2.872	-1.355	0.106	1.337	2.201
3451	34.50	2.625	2.607	2.211	1.536	0.680	-0.301	-1.409	-2.703	-4.266	-6.163
3461	34.60	-8.398	-10.896	-13.502	-16.012	-18.217	-19.947	-21.094	-21.618	-21.531	-20.870
3471	34.70	-19.676	-17.992	-15.872	-13.405	-10.729	-8.029	-5.512	-3.360	-1.686	-0.510
3481	34.80	0.238	0.676	0.927	1.065	1.105	1.019	0.779	0.407	-0.006	-0.302
3491	34.90	-0.319	0.067	0.888	2.073	3.478	4.945	6.354	7.653	8.855	9.992

Table 7-38-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	11.069	12.035	12.786	13.194	13.170	12.693	11.833	10.724	9.517	8.338
3511	35.10	7.256	6.295	5.455	4.754	4.248	4.032	4.207	4.835	5.900	7.281
3521	35.20	8.767	10.094	11.000	11.288	10.881	9.838	8.354	6.705	5.180	3.994
3531	35.30	3.225	2.785	2.452	1.946	1.036	-0.365	-2.157	-4.089	-5.849	-7.189
3541	35.40	-8.036	-8.517	-8.917	-9.553	-10.630	-12.144	-13.857	-15.374	-16.283	-16.303
3551	35.50	-15.385	-13.717	-11.656	-9.590	-7.817	-6.461	-5.475	-4.702	-3.967	-3.165
3561	35.60	-2.296	-1.453	-0.765	-0.332	-0.178	-0.243	-0.412	-0.559	-0.603	-0.524
3571	35.70	-0.371	-0.228	-0.179	-0.276	-0.524	-0.891	-1.321	-1.760	-2.167	-2.509
3581	35.80	-2.745	-2.815	-2.636	-2.119	-1.206	0.095	1.690	3.404	5.030	6.387
3591	35.90	7.382	8.037	8.471	8.844	9.287	9.844	10.455	10.990	11.316	11.361
3601	36.00	11.150	10.796	10.446	10.219	10.153	10.203	10.272	10.256	10.094	9.773
3611	36.10	9.312	8.719	7.964	6.990	5.745	4.240	2.588	0.995	-0.290	-1.059
3621	36.20	-1.225	-0.860	-0.169	0.579	1.149	1.416	1.395	1.216	1.061	1.079
3631	36.30	1.335	1.780	2.280	2.653	2.733	2.414	1.678	0.601	-0.673	-1.974
3641	36.40	-3.155	-4.143	-4.966	-5.743	-6.441	-7.807	-9.300	-11.051	-12.873	-14.523
3651	36.50	-15.787	-16.561	-16.884	-16.911	-16.838	-16.816	-16.887	-16.981	-16.966	-16.730
3661	36.60	-16.241	-15.565	-14.835	-14.170	-13.615	-13.107	-12.511	-11.690	-10.581	-9.234
3671	36.70	-7.795	-6.443	-5.299	-4.377	-3.581	-2.758	-1.784	-0.630	0.613	1.783
3681	36.80	2.716	3.330	3.663	3.851	4.068	4.438	4.979	5.597	6.133	6.444
3691	36.90	6.469	6.272	6.018	5.918	6.153	6.821	7.909	9.319	10.905	12.520
3701	37.00	14.047	15.399	16.516	17.344	17.833	17.948	17.682	17.070	16.185	15.115
3711	37.10	13.933	12.675	11.329	9.865	8.263	6.560	4.862	3.334	2.148	1.430
3721	37.20	1.210	1.411	1.875	2.424	2.923	3.322	3.659	4.025	4.500	5.101
3731	37.30	5.760	6.339	6.687	6.698	6.354	5.736	4.984	4.243	3.604	3.072
3741	37.40	2.571	1.981	1.198	0.179	-1.039	-2.341	-3.582	-4.629	-5.400	-5.885
3751	37.50	-6.135	-6.228	-6.232	-6.180	-6.051	-5.794	-5.351	-4.693	-3.843	-2.877
3761	37.60	-1.895	-0.988	-0.206	0.463	1.069	1.665	2.263	2.810	3.192	3.280
3771	37.70	2.991	2.336	1.431	0.465	-0.380	-0.997	-1.409	-1.749	-2.206	-2.935
3781	37.80	-3.987	-5.289	-6.685	-8.012	-9.179	-10.201	-11.177	-12.222	-13.384	-14.605
3791	37.90	-15.731	-16.583	-17.046	-17.329	-16.960	-16.724	-16.566	-16.512	-16.451	-16.190
3801	38.00	-15.554	-14.480	-13.062	-11.517	-10.089	-8.942	-8.094	-7.415	-6.709	-5.816
3811	38.10	-4.690	-3.423	-2.191	-1.163	-0.412	0.111	0.550	1.054	1.702	2.457
3821	38.20	3.188	3.745	4.045	4.121	4.120	4.243	4.657	5.437	6.546	7.874
3831	38.30	9.293	10.716	12.104	13.446	14.719	15.851	16.733	17.262	17.392	17.174
3841	38.40	16.737	16.225	15.717	15.161	14.373	13.108	11.167	8.508	5.300	1.886
3851	38.50	-1.312	-3.938	-5.811	-6.963	-7.602	-8.003	-8.391	-8.861	-9.367	-9.772
3861	38.60	-9.942	-9.823	-9.475	-9.056	-8.744	-8.662	-8.816	-9.089	-9.282	-9.189
3871	38.70	-8.681	-7.755	-6.539	-5.257	-4.147	-3.390	-3.044	-3.036	-3.188	-3.284
3881	38.80	-3.147	-2.694	-1.960	-1.071	-0.187	0.566	1.143	1.593	2.023	2.548
3891	38.90	3.230	4.053	4.930	5.741	6.384	6.817	7.062	7.185	7.251	7.295
3901	39.00	7.298	7.210	6.971	6.552	5.975	5.306	4.644	4.089	3.724	3.602
3911	39.10	3.741	4.125	4.702	5.389	6.076	6.653	7.036	7.195	7.164	7.026
3921	39.20	6.874	6.760	6.672	6.531	6.232	5.707	4.967	4.122	3.341	2.786
3931	39.30	2.547	2.604	2.844	3.118	3.309	3.380	3.375	3.371	3.420	3.496
3941	39.40	3.502	3.312	2.837	2.077	1.131	0.151	-0.726	-1.437	-2.009	-2.525
3951	39.50	-3.060	-3.620	-4.124	-4.441	-4.457	-4.144	-3.587	-2.953	-2.419	-2.091
3961	39.60	-1.969	-1.958	-1.940	-1.853	-1.740	-1.736	-2.001	-2.630	-3.591	-4.712
3971	39.70	-5.750	-6.482	-6.803	-6.756	-6.512	-6.282	-6.227	-6.394	-6.720	-7.078
3981	39.80	-7.355	-7.511	-7.588	-7.679	-7.860	-8.132	-8.408	-8.536	-8.367	-7.818
3991	39.90	-6.912	-5.766	-4.545	-3.392	-2.379	-1.487	-0.634	0.272	1.281	2.366

Table 7-38-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	3.422	4.320	4.939	5.222	5.189	4.926	4.545	4.143	3.776	3.453
4011	40.10	3.156	2.876	2.636	2.499	2.550	2.859	3.440	4.232	5.101	5.875
4021	40.20	6.391	6.542	6.306	5.738	4.949	4.058	3.156	2.283	1.437	0.593
4031	40.30	-0.262	-1.105	-1.863	-2.428	-2.683	-2.536	-1.949	-0.956	0.339	1.782
4041	40.40	3.205	4.455	5.420	6.041	6.305	6.227	5.833	5.152	4.216	3.076
4051	40.50	1.815	0.554	-0.575	-1.454	-2.022	-2.294	-2.369	-2.286	-2.169	-1.982
4061	40.60	-1.625	-0.961	0.109	1.559	3.203	4.721	5.753	6.020	5.428	4.101
4071	40.70	2.333	0.468	-1.230	-2.668	-3.930	-5.202	-6.652	-8.320	-10.072	-11.647
4081	40.80	-12.756	-13.205	-12.971	-12.207	-11.169	-10.112	-9.193	-8.435	-7.754	-7.035
4091	40.90	-6.205	-5.275	-4.332	-3.481	-2.780	-2.208	-1.661	-1.012	-0.167	0.879
4101	41.00	2.036	3.146	4.040	4.597	4.772	4.601	4.171	3.592	2.966	2.382
4111	41.10	1.907	1.597	1.491	1.601	1.907	2.352	2.858	3.353	3.793	4.176
4121	41.20	4.540	4.938	5.418	5.996	6.656	7.365	8.080	8.769	9.397	9.919
4131	41.30	10.264	10.333	10.022	9.262	8.057	6.502	4.767	3.044	1.487	0.154
4141	41.40	-1.014	-2.160	-3.451	-5.000	-6.813	-8.778	-10.703	-12.380	-13.658	-14.479
4151	41.50	-14.883	-14.969	-14.840	-14.565	-14.155	-13.584	-12.821	-11.860	-10.740	-9.528
4161	41.60	-8.300	-7.108	-5.970	-4.882	-3.841	-2.871	-2.033	-1.408	-1.061	1.003
4171	41.70	-1.166	-1.421	-1.613	-1.625	-1.424	-1.081	-0.747	-0.592	-0.738	-1.204
4181	41.80	-1.891	-2.615	-3.170	-3.400	-3.250	-2.771	-2.089	-1.339	-0.611	0.091
4191	41.90	0.836	1.726	2.835	4.161	5.615	7.039	8.262	9.150	9.645	9.766
4201	42.00	9.580	9.162	8.563	7.801	6.885	5.842	4.746	3.710	2.863	2.300
4211	42.10	2.051	2.069	2.256	2.514	2.708	3.084	3.456	3.957	4.592	5.298
4221	42.20	5.953	6.430	6.651	6.622	6.427	6.182	5.977	5.834	5.705	5.517
4231	42.30	5.232	4.897	4.642	4.633	4.994	5.739	6.749	7.813	8.712	9.304
4241	42.40	9.582	9.655	9.691	9.819	10.070	10.356	10.513	10.379	9.861	8.969
4251	42.50	7.800	6.492	5.161	3.876	2.655	1.499	0.422	-0.531	-1.297	-1.820
4261	42.60	-2.086	-2.128	-2.016	-1.833	-1.649	-1.505	-1.430	-1.447	-1.587	-1.883
4271	42.70	-2.351	-2.975	-3.704	-4.477	-5.252	-6.036	-6.887	-7.875	-9.038	-10.332
4281	42.80	-11.629	-12.749	-13.534	-13.917	-13.954	-13.795	-13.616	-13.530	-13.528	-13.478
4291	42.90	-13.191	-12.513	-11.396	-9.927	-8.287	-6.672	-5.209	-3.919	-2.735	-1.567
4301	43.00	-0.375	0.783	1.772	2.432	2.660	2.461	1.952	1.316	0.726	0.281
4311	43.10	-0.016	-0.237	-0.473	-0.783	-1.162	-1.558	-1.909	-2.184	-2.405	-2.636
4321	43.20	-2.942	-3.348	-3.818	-4.266	-4.592	-4.729	-4.670	-4.463	-4.178	-3.859
4331	43.30	-3.494	-3.010	-2.311	-1.332	-0.088	1.304	2.653	3.753	4.455	4.720
4341	43.40	4.629	4.345	4.047	3.856	3.791	3.775	3.681	3.400	2.901	2.245
4351	43.50	1.570	1.020	0.687	0.565	0.560	0.531	0.360	0.011	-0.454	-0.892
4361	43.60	-1.142	-1.084	-0.683	0.005	0.869	1.785	2.663	3.663	4.188	4.857
4371	43.70	5.478	6.047	6.546	6.964	7.314	7.624	7.925	8.228	8.507	8.706
4381	43.80	8.754	8.600	8.235	7.693	7.042	6.352	5.673	5.026	4.405	3.800
4391	43.90	3.207	2.639	2.113	1.635	1.189	0.736	0.229	-0.362	-1.026	-1.708
4401	44.00	-2.319	-2.767	-2.984	-2.952	-2.713	-2.352	-1.973	-1.671	-1.497	-1.452
4411	44.10	-1.480	-1.482	-1.350	-0.999	-0.402	0.388	1.237	1.957	2.359	2.301
4421	44.20	1.741	0.744	-0.533	-1.897	-3.181	-4.294	-5.233	-6.070	-6.894	-7.763
4431	44.30	-8.670	-9.543	-10.275	-10.780	-11.030	-11.070	-11.004	-10.946	-10.976	-11.105
4441	44.40	-11.273	-11.377	-11.317	-11.039	-10.554	-9.938	-9.297	-8.729	-8.288	-7.971
4451	44.50	-7.722	-7.455	-7.084	-6.550	-5.831	-4.946	-3.942	-2.889	-1.860	-0.925
4461	44.60	-0.143	0.454	0.864	1.123	1.293	1.454	1.676	2.003	2.436	2.941
4471	44.70	3.460	3.938	4.337	4.646	4.868	5.010	5.063	5.009	4.829	4.528
4481	44.80	4.151	3.778	3.508	3.417	3.533	3.823	4.205	4.590	4.911	5.152
4491	44.90	5.339	5.512	5.690	5.856	5.958	5.949	5.821	5.630	5.484	5.500

Table 7-38-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	5.747	6.211	6.789	7.337	7.727	7.904	7.902	7.814	7.737	7.709
4511	45.10	7.689	7.579	7.281	6.767	6.105	5.443	4.947	4.717	4.734	4.856
4521	45.20	4.879	4.620	4.005	3.098	2.084	1.190	0.600	0.387	0.494	0.774
4531	45.30	1.050	1.188	1.136	0.928	0.653	0.413	0.275	0.257	0.323	0.408
4541	45.40	0.440	0.365	0.165	-0.142	-0.514	-0.892	-1.232	-1.507	-1.721	-1.897
4551	45.50	-2.056	-2.202	-2.304	-2.304	-2.136	-1.761	-1.189	-0.491	0.223	0.835
4561	45.60	1.266	1.494	1.554	1.510	1.417	1.287	1.083	0.741	0.203	-0.549
4571	45.70	-1.477	-2.499	-3.522	-4.474	-5.327	-6.088	-6.786	-7.435	-8.025	-8.515
4581	45.80	-8.853	-9.002	-8.957	-8.747	-8.426	-8.051	-7.658	-7.261	-6.842	-6.369
4591	45.90	-5.803	-5.114	-4.288	-3.338	-2.302	-1.249	-0.265	0.565	1.180	1.562
4601	46.00	1.750	1.824	1.879	1.992	2.189	2.448	2.710	2.912	3.025	3.061
4611	46.10	3.065	3.087	3.147	3.219	3.242	3.152	2.913	2.553	2.150	1.810
4621	46.20	1.616	1.597	1.713	1.880	2.010	2.054	2.027	1.994	2.039	2.221
4631	46.30	2.539	2.934	3.311	3.584	3.715	3.723	3.671	3.627	3.626	3.641
4641	46.40	3.598	3.412	3.030	2.471	1.830	1.244	0.836	0.659	0.659	0.688
4651	46.50	0.556	0.101	-0.739	-1.900	-3.204	-4.425	-5.368	-5.932	-6.142	-6.127
4661	46.60	-6.061	-6.092	-6.295	-6.657	-7.100	-7.530	-7.883	-8.149	-8.363	-8.585
4671	46.70	-8.864	-9.221	-9.650	-10.135	-10.664	-11.234	-11.837	-12.440	-12.963	-13.282
4681	46.80	-13.259	-12.782	-11.805	-10.369	-8.593	-6.637	-4.659	-2.785	-1.089	0.389
4691	46.90	1.632	2.624	3.360	3.850	4.138	4.301	4.435	4.615	4.877	5.196
4701	47.00	5.513	5.769	5.944	6.081	6.273	6.618	7.172	7.907	8.718	9.456
4711	47.10	9.988	10.251	10.268	10.129	9.942	9.785	9.672	9.568	9.421	9.209
4721	47.20	8.961	8.751	8.653	8.699	8.843	8.971	8.940	8.642	8.050	7.237
4731	47.30	6.342	5.518	4.869	4.416	4.094	3.794	3.413	2.898	2.268	1.598
4741	47.40	0.991	0.527	0.246	0.129	0.111	0.101	0.000	-0.275	-0.781	-1.538
4751	47.50	-2.527	-3.682	-4.908	-6.090	-7.121	-7.923	-8.456	-8.735	-8.799	-8.702
4761	47.60	-8.391	-8.194	-7.819	-7.363	-6.824	-6.201	-5.507	-4.763	-3.998	-3.255
4771	47.70	-2.583	-2.036	-1.658	-1.464	-1.429	-1.484	-1.528	-1.463	-1.224	-0.804
4781	47.80	-0.256	0.330	0.860	1.267	1.527	1.643	1.624	1.456	1.103	0.520
4791	47.90	-0.304	-1.321	-2.408	-3.399	-4.134	-4.522	-4.575	-4.400	-4.158	-3.998
4801	48.00	-3.999	-4.153	-4.381	-4.590	-4.720	-4.774	-4.808	-4.896	-5.076	-5.327
4811	48.10	-5.568	-5.700	-5.648	-5.401	-5.013	-4.581	-4.192	-3.889	-3.650	-3.400
4821	48.20	-3.055	-2.553	-1.885	-1.091	-0.240	0.602	1.389	2.108	2.758	3.340
4831	48.30	3.841	4.230	4.479	4.574	4.529	4.391	4.220	4.072	3.974	3.916
4841	48.40	3.847	3.711	3.455	3.065	2.581	2.092	1.719	1.582	1.759	2.263
4851	48.50	3.029	3.934	4.836	5.616	6.223	6.680	7.077	7.496	8.022	8.669
4861	48.60	9.303	9.870	10.237	10.349	10.229	9.961	9.671	9.452	9.336	9.275
4871	48.70	9.180	8.949	8.518	7.889	7.122	6.305	5.518	4.792	4.112	3.422
4881	48.80	2.663	1.803	0.854	-0.126	-1.055	-1.852	-2.458	-2.850	-3.042	-3.088
4891	48.90	-2.972	-2.794	-2.562	-2.292	-1.991	-1.662	-1.316	-0.971	-0.658	-0.415
4901	49.00	-0.276	-0.264	-0.377	-0.588	-0.851	-1.109	-1.315	-1.445	-1.498	-1.495
4911	49.10	-1.463	-1.428	-1.400	-1.376	-1.348	-1.307	-1.248	-1.173	-1.080	-0.962
4921	49.20	-0.805	-0.591	-0.316	0.001	0.314	0.553	0.643	0.528	0.186	-0.380
4931	49.30	-1.047	-1.791	-2.504	-3.123	-3.615	-3.982	-4.257	-4.488	-4.720	-4.986
4941	49.40	-5.291	-5.615	-5.909	-6.116	-6.183	-6.080	-5.818	-5.444	-5.035	-4.669
4951	49.50	-4.400	-4.238	-4.148	-4.067	-3.940	-3.748	-3.530	-3.369	-3.367	-3.590
4961	49.60	-4.039	-4.639	-5.219	-5.653	-5.828	-5.726	-5.427	-5.071	-4.800	-4.696
4971	49.70	-4.742	-4.833	-4.815	-4.552	-3.980	-3.130	-2.114	-1.076	-0.137	0.843
4981	49.80	1.270	1.798	2.281	2.769	3.189	3.564	3.838	3.999	4.073	4.107
4991	49.90	4.138	4.175	4.190	4.129	3.943	3.620	3.189	2.720	2.288	1.947

Table 7-38-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	1.712	1.559	1.445	1.338	1.226	1.121	1.042	0.995	0.955	0.879
5011	50.10	0.720	0.453	0.092	-0.315	-0.704	-1.022	-1.247	-1.385	-1.462	-1.495
5021	50.20	-1.480	-1.396	-1.222	-0.968	-0.685	-0.462	-0.399	-0.558	-0.935	-1.451
5031	50.30	-1.979	-2.393	-2.619	-2.659	-2.589	-2.506	-2.481	-2.507	-2.496	-2.307
5041	50.40	-1.812	-0.955	0.210	1.526	2.787	3.801	4.458	4.754	4.772	4.630
5051	50.50	4.425	4.184	3.670	3.407	2.737	1.866	0.864	-0.130	-0.984	-1.607
5061	50.60	-1.990	-2.193	-2.313	-2.430	-2.572	-2.704	-2.751	-2.663	-2.354	-1.917
5071	50.70	-1.413	-0.933	-0.538	-0.235	0.015	0.269	0.568	0.911	1.252	1.528
5081	50.80	1.690	1.727	1.668	1.566	1.460	1.356	1.220	1.000	0.656	0.190
5091	50.90	-0.344	-0.857	-1.255	-1.476	-1.512	-1.390	-1.170	-0.910	-0.647	-0.395
5101	51.00	-0.153	0.080	0.299	0.495	0.665	0.617	0.973	1.156	1.373	1.607
5111	51.10	1.818	1.968	2.035	2.034	2.010	2.018	2.094	2.231	2.380	2.470
5121	51.20	2.439	2.262	1.959	1.576	1.155	0.706	0.202	-0.404	-1.136	-1.962
5131	51.30	-2.789	-3.482	-3.919	-4.045	-3.903	-3.624	-3.377	-3.296	-3.423	-3.691
5141	51.40	-3.948	-4.025	-3.811	-3.298	-2.585	-1.836	-1.207	-0.789	-0.570	-0.453
5151	51.50	-0.299	0.006	0.514	1.197	1.972	2.746	3.457	4.094	4.689	5.286
5161	51.60	5.904	6.522	7.079	7.506	7.758	7.839	7.805	7.737	7.702	7.729
5171	51.70	7.793	7.838	7.814	7.708	7.560	7.447	7.442	7.575	7.807	8.038
5181	51.80	8.146	8.041	7.702	7.180	6.568	5.949	5.353	4.743	4.043	3.192
5191	51.90	2.196	1.151	0.218	-0.436	-0.713	-0.632	-0.320	0.033	0.257	0.263
5201	52.00	0.074	-0.207	-0.459	-0.610	-0.672	-0.734	-0.903	-1.250	-1.766	-2.364
5211	52.10	-2.921	-3.337	-3.578	-3.687	-3.750	-3.853	-4.037	-4.289	-4.557	-4.794
5221	52.20	-4.986	-5.163	-5.375	-5.660	-6.008	-6.366	-6.656	-6.822	-6.859	-6.817
5231	52.30	-6.776	-6.796	-6.884	-6.986	-7.008	-6.869	-6.544	-6.079	-5.575	-5.141
5241	52.40	-4.841	-4.670	-4.560	-4.425	-4.199	-3.876	-3.506	-3.166	-2.923	-2.802
5251	52.50	-2.786	-2.838	-2.932	-3.067	-3.268	-3.551	-3.889	-4.200	-4.360	-4.245
5261	52.60	-3.788	-3.013	-2.030	-1.000	-0.067	0.693	1.291	1.806	2.326	2.893
5271	52.70	3.468	3.942	4.184	4.099	3.677	3.005	2.228	1.501	0.924	0.521
5281	52.80	0.239	-0.007	-0.287	-0.624	-0.983	-1.295	-1.489	-1.531	-1.438	-1.262
5291	52.90	-1.073	-0.926	-0.843	-0.811	-0.798	-0.773	-0.721	-0.648	-0.573	-0.517
5301	53.00	-0.490	-0.486	-0.485	-0.466	-0.411	-0.313	-0.175	-0.008	0.175	0.360
5311	53.10	0.538	0.701	0.847	0.976	1.096	1.215	1.343	1.485	1.638	1.794
5321	53.20	1.943	2.077	2.197	2.312	2.437	2.580	2.739	2.902	3.051	3.173
5331	53.30	3.271	3.364	3.481	3.646	3.853	4.069	4.229	4.267	4.138	3.843
5341	53.40	3.438	3.010	2.651	2.417	2.303	2.249	2.157	1.939	1.550	1.008
5351	53.50	0.383	-0.231	-0.762	-1.183	-1.525	-1.851	-2.224	-2.672	-3.167	-3.638
5361	53.60	-3.996	-4.168	-4.124	-3.879	-3.480	-2.975	-2.393	-1.740	-1.010	-0.207
5371	53.70	0.629	1.424	2.085	2.531	2.727	2.696	2.514	2.273	2.046	1.853
5381	53.80	1.657	1.388	0.981	0.417	-0.258	-0.939	-1.507	-1.868	-2.001	-1.956
5391	53.90	-1.843	-1.776	-1.828	-2.003	-2.232	-2.417	-2.473	-2.377	-2.179	-1.981
5401	54.00	-1.890	-1.961	-2.166	-2.399	-2.516	-2.397	-1.998	-1.375	-0.657	0.006
5411	54.10	0.510	0.840	1.067	1.311	1.671	2.176	2.756	3.271	3.569	3.552
5421	54.20	3.214	2.642	1.973	1.331	0.780	0.311	-0.131	-0.600	-1.102	-1.582
5431	54.30	-1.950	-2.127	-2.089	-1.890	-1.635	-1.429	-1.322	-1.284	-1.218	-1.013
5441	54.40	-0.607	-0.023	0.632	1.215	1.612	1.790	1.805	1.767	1.783	1.900
5451	54.50	2.082	2.235	2.262	2.112	1.811	1.442	1.104	0.850	0.667	0.481
5461	54.60	0.203	-0.215	-0.750	-1.313	-1.781	-2.063	-2.128	-2.018	-1.821	-1.615
5471	54.70	-1.440	-1.279	-1.083	-0.803	-0.425	0.026	0.496	0.940	1.366	1.737
5481	54.80	2.152	2.614	3.107	3.572	3.935	4.144	4.196	4.140	4.056	4.011
5491	54.90	4.027	4.068	4.055	3.910	3.591	3.111	2.538	1.961	1.458	1.073

Table 7-38-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.806	0.631	0.509	0.406	0.301	0.180	0.029	-0.158	-0.386	-0.643
5511	55.10	-0.904	-1.138	-1.319	-1.439	-1.511	-1.555	-1.590	-1.614	-1.610	-1.559
5521	55.20	-1.463	-1.353	-1.290	-1.337	-1.530	-1.858	-2.264	-2.669	-3.012	-3.282
5531	55.30	-3.514	-3.772	-4.098	-4.486	-4.870	-5.158	-5.277	-5.214	-5.033	-4.860
5541	55.40	-4.731	-4.740	-4.817	-4.853	-4.741	-4.435	-3.979	-3.489	-3.087	-2.831
5551	55.50	-2.675	-2.482	-2.091	-1.402	-0.441	0.639	1.616	2.297	2.604	2.606
5561	55.60	2.485	2.447	2.629	3.039	3.569	4.052	4.354	4.437	4.369	4.278
5571	55.70	4.278	4.403	4.588	4.707	4.640	4.341	3.870	3.367	2.991	2.850
5581	55.80	2.956	3.223	3.520	3.724	3.778	3.699	3.551	3.404	3.288	3.183
5591	55.90	3.033	2.791	2.451	2.064	1.718	1.501	1.455	1.559	1.733	1.883
5601	56.00	1.939	1.887	1.775	1.683	1.677	1.776	1.933	2.056	2.046	1.839
5611	56.10	1.435	0.893	0.305	-0.245	-0.718	-1.124	-1.509	-1.916	-2.352	-2.775
5621	56.20	-3.102	-3.248	-3.165	-2.869	-2.439	-1.989	-1.627	-1.411	-1.342	-1.366
5631	56.30	-1.413	-1.428	-1.391	-1.320	-1.249	-1.204	-1.188	-1.179	-1.150	-1.090
5641	56.40	-1.008	-0.933	-0.888	-0.876	-0.874	-0.844	-0.761	-0.640	-0.541	-0.548
5651	56.50	-0.731	-1.104	-1.614	-2.154	-2.612	-2.922	-3.097	-3.217	-3.388	-3.673
5661	56.60	-4.050	-4.407	-4.586	-4.456	-3.978	-3.232	-2.385	-1.623	-1.071	-0.747
5671	56.70	-0.567	-0.406	-0.172	0.130	0.396	0.461	0.182	-0.495	-1.504	-2.686
5681	56.80	-3.855	-4.874	-5.698	-6.373	-6.981	-7.581	-8.161	-8.632	-8.867	-8.761
5691	56.90	-8.281	-7.488	-6.509	-5.488	-4.537	-3.704	-2.979	-2.327	-1.724	-1.176
5701	57.00	-0.721	-0.398	-0.218	-0.152	-0.129	-0.074	0.070	0.314	0.626	0.948
5711	57.10	1.235	1.469	1.673	1.894	2.176	2.542	2.979	3.446	3.894	4.287
5721	57.20	4.610	4.872	5.091	5.277	5.424	5.502	5.476	5.312	4.994	4.532
5731	57.30	3.962	3.330	2.692	2.094	1.572	1.151	0.845	0.666	0.621	0.718
5741	57.40	0.955	1.320	1.785	2.306	2.832	3.316	3.729	4.066	4.349	4.611
5751	57.50	4.885	5.180	5.480	5.743	5.918	5.969	5.886	5.691	5.428	5.143
5761	57.60	4.862	4.585	4.290	3.950	3.557	3.131	2.720	2.382	2.156	2.048
5771	57.70	2.023	2.018	1.970	1.839	1.630	1.338	1.177	1.055	1.047	1.135
5781	57.80	1.269	1.382	1.423	1.372	1.269	1.102	0.988	0.950	0.999	1.107
5791	57.90	1.218	1.261	1.173	0.916	0.685	-0.088	-0.750	-1.438	-2.096	-2.689
5801	58.00	-3.207	-3.660	-4.074	-4.473	-4.872	-5.265	-5.627	-5.918	-6.092	-6.113
5811	58.10	-5.966	-5.661	-5.236	-4.749	-4.262	-3.824	-3.465	-3.183	-2.957	-2.749
5821	58.20	-2.526	-2.263	-1.949	-1.579	-1.152	-0.665	-0.114	0.494	1.134	1.759
5831	58.30	2.309	2.731	2.998	3.122	3.155	3.165	3.202	3.277	3.348	3.334
5841	58.40	3.155	2.766	2.188	1.502	0.831	0.286	-0.067	-0.232	-0.269	-0.265
5851	58.50	-0.297	-0.400	-0.566	-0.760	-0.941	-1.091	-1.216	-1.339	-1.482	-1.649
5861	58.60	-1.826	-1.996	-2.153	-2.315	-2.521	-2.812	-3.206	-3.684	-4.182	-4.619
5871	58.70	-4.920	-5.046	-5.011	-4.869	-4.696	-4.557	-4.483	-4.467	-4.473	-4.454
5881	58.80	-4.375	-4.224	-4.014	-3.775	-3.543	-3.344	-3.189	-3.073	-2.979	-2.880
5891	58.90	-2.759	-2.604	-2.422	-2.229	-2.050	-1.901	-1.785	-1.688	-1.584	-1.448
5901	59.00	-1.270	-1.063	-0.857	-0.688	-0.578	-0.522	-0.488	-0.435	-0.331	-0.174
5911	59.10	0.007	0.164	0.260	0.287	0.282	0.308	0.431	0.685	1.056	1.489
5921	59.20	1.915	2.283	2.589	2.873	3.204	3.640	4.200	4.851	5.522	6.133
5931	59.30	6.623	6.971	7.187	7.298	7.321	7.254	7.075	6.764	6.316	5.752
5941	59.40	5.116	4.457	3.814	3.216	2.683	2.247	1.959	1.885	2.081	2.568
5951	59.50	3.302	4.183	5.073	5.850	6.447	6.875	7.206	7.532	7.909	8.316
5961	59.60	8.652	8.772	8.546	7.916	6.935	5.750	4.555	3.525	2.758	2.246
5971	59.70	1.893	1.562	1.132	0.565	-0.179	-0.953	-1.665	-2.220	-2.570	-2.725
5981	59.80	-2.742	-2.699	-2.666	-2.690	-2.788	-2.951	-3.153	-3.370	-3.579	-3.766
5991	59.90	-3.922	-4.048	-4.147	-4.226	-4.298	-4.375	-4.466	-4.575	-4.697	-4.825

Table 7-38-13

TABLE OF CORRECTED ACCELERATION RECORD

NO.13

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-4.951	-5.071	-5.189	-5.315	-5.458	-5.618	-5.788	-5.950	-6.089	-6.198
6011	60.10	-6.287	-6.381	-6.505	-6.678	-6.890	-7.104	-7.262	-7.306	-7.202	-6.955
6021	60.20	-6.612	-6.252	-5.951	-5.758	-5.676	-5.657	-5.622	-5.493	-5.218	-4.790
6031	60.30	-4.248	-3.656	-3.075	-2.541	-2.054	-1.588	-1.110	-0.603	-0.087	0.390
6041	60.40	0.764	0.992	1.071	1.055	1.038	1.127	1.403	1.886	2.527	3.218
6051	60.50	3.831	4.259	4.457	4.448	4.319	4.182	4.133	4.223	4.437	4.709
6061	60.60	4.944	5.054	4.979	4.704	4.256	3.687	3.062	2.439	1.861	1.355
6071	60.70	0.930	0.583	0.307	0.093	-0.063	-0.153	-0.165	-0.082	0.101	0.373
6081	60.80	0.707	1.062	1.399	1.700	1.971	2.239	2.537	2.876	3.235	3.555
6091	60.90	3.768	3.820	3.708	3.483	3.241	3.079	3.056	3.164	3.325	3.424
6101	61.00	3.354	3.063	2.574	1.922	1.367	0.847	0.449	0.153	-0.095	-0.344
6111	61.10	-0.612	-0.873	-1.076	-1.173	-1.152	-1.061	-0.900	-0.788	-0.735	-0.725
6121	61.20	-0.707	-0.618	-0.420	-0.118	0.239	0.575	0.815	0.919	0.885	0.753
6131	61.30	0.578	0.415	0.299	0.239	0.220	0.212	0.183	0.104	-0.042	-0.257
6141	61.40	-0.523	-0.805	-1.059	-1.245	-1.338	-1.338	-1.269	-1.164	-1.054	-0.952
6151	61.50	-0.851	-0.738	-0.607	-0.482	-0.413	-0.458	-0.660	-1.016	-1.469	-1.932
6161	61.60	-2.316	-2.574	-2.723	-2.836	-3.001	-3.278	-3.660	-4.065	-4.374	-4.479
6171	61.70	-4.339	-4.000	-3.575	-3.192	-2.938	-2.816	-2.752	-2.630	-2.357	-1.906
6181	61.80	-1.334	-0.754	-0.284	0.010	0.135	0.166	0.204	0.331	0.571	0.893
6191	61.90	1.228	1.513	1.712	1.830	1.896	1.944	1.991	2.038	2.080	2.118
6201	62.00	2.164	2.242	2.363	2.515	2.666	2.775	2.821	2.819	2.818	2.879
6211	62.10	3.035	3.267	3.499	3.627	3.563	3.280	2.828	2.312	1.844	1.491
6221	62.20	1.252	1.061	0.830	0.502	0.087	-0.345	-0.695	-0.886	-0.895	-0.774
6231	62.30	-0.605	-0.465	-0.388	-0.357	-0.330	-0.277	-0.217	-0.210	-0.333	-0.632
6241	62.40	-1.087	-1.610	-2.076	-2.381	-2.481	-2.407	-2.240	-2.062	-1.905	-1.739
6251	62.50	-1.494	-1.105	-0.567	0.054	0.638	1.066	1.278	1.297	1.225	1.185
6261	62.60	1.264	1.471	1.735	1.942	1.992	1.851	1.561	1.223	0.949	0.814
6271	62.70	0.836	0.977	1.170	1.354	1.494	1.586	1.642	1.681	1.714	1.751
6281	62.80	1.803	1.884	2.004	2.153	2.295	2.367	2.300	2.046	1.606	1.032
6291	62.90	0.419	-0.138	-0.571	-0.873	-1.088	-1.292	-1.556	-1.918	-2.367	-2.848
6301	63.00	-3.286	-3.604	-3.746	-3.688	-3.439	-3.042	-2.571	-2.118	-1.769	-1.582
6311	63.10	-1.558	-1.634	-1.700	-1.638	-1.379	-0.940	-0.438	-0.046	0.068	-0.184
6321	63.20	-0.766	-1.523	-2.245	-2.743	-2.931	-2.850	-2.641	-2.474	-2.468	-2.637
6331	63.30	-2.890	-3.082	-3.086	-2.855	-2.441	-1.969	-1.575	-1.341	-1.264	-1.265
6341	63.40	-1.234	-1.088	-0.816	-0.486	-0.213	-0.110	-0.239	-0.586	-1.069	-1.568
6351	63.50	-1.978	-2.239	-2.359	-2.399	-2.444	-2.573	-2.821	-3.171	-3.557	-3.883
6361	63.60	-4.060	-4.027	-3.778	-3.356	-2.843	-2.329	-1.885	-1.542	-1.290	-1.087
6371	63.70	-0.886	-0.655	-0.386	-0.093	0.200	0.480	0.749	1.020	1.307	1.612
6381	63.80	1.921	2.213	2.473	2.702	2.922	3.156	3.411	3.657	3.834	3.871
6391	63.90	3.718	3.382	2.931	2.477	2.132	1.967	1.986	2.133	2.327	2.509
6401	64.00	2.667	2.843	3.097	3.466	3.931	4.416	4.823	5.083	5.199	5.248
6411	64.10	5.347	5.592	6.001	6.489	6.898	7.060	6.872	6.335	5.553	4.684
6421	64.20	3.867	3.176	2.605	2.103	1.632	1.205	0.895	0.794	0.957	1.353
6431	64.30	1.858	2.308	2.564	2.581	2.430	2.264	2.237	2.428	2.795	3.192
6441	64.40	3.435	3.389	3.023	2.425	1.747	1.137	0.672	0.363	0.080	-0.190
6451	64.50	-0.488	-0.769	-0.948	-0.956	-0.786	-0.503	-0.217	-0.024	0.047	0.046
6461	64.60	0.071	0.202	0.450	0.729	0.889	0.788	0.365	-0.323	-1.120	-1.833
6471	64.70	-2.325	-2.567	-2.644	-2.711	-2.902	-3.273	-3.765	-4.241	-4.553	-4.611
6481	64.80	-4.425	-4.098	-3.771	-3.565	-3.527	-3.623	-3.766	-3.864	-3.859	-3.750
6491	64.90	-3.577	-3.397	-3.248	-3.140	-3.056	-2.968	-2.858	-2.718	-2.555	-2.379

Table 7-38-14

TABLE OF CORRECTED ACCELERATION RECORD

NO.14

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-2.194	-2.006	-1.829	-1.692	-1.640	-1.717	-1.947	-2.317	-2.771	-3.228
6511	65.10	-3.608	-3.865	-3.996	-4.042	-4.064	-4.114	-4.216	-4.358	-4.512	-4.651
6521	65.20	-4.762	-4.853	-4.943	-5.037	-5.124	-5.173	-5.149	-5.036	-4.848	-4.626
6531	65.30	-4.423	-4.273	-4.178	-4.098	-3.975	-3.755	-3.418	-2.987	-2.518	-2.074
6541	65.40	-1.696	-1.389	-1.125	-0.858	-0.555	-0.209	0.161	0.521	0.849	1.146
6551	65.50	1.434	1.742	2.079	2.428	2.745	2.983	3.120	3.173	3.200	3.273
6561	65.60	3.440	3.702	4.008	4.278	4.440	4.469	4.401	4.311	4.281	4.355
6571	65.70	4.516	4.694	4.805	4.791	4.653	4.448	4.261	4.155	4.141	4.166
6581	65.80	4.144	3.995	3.692	3.272	2.818	2.422	2.137	1.961	1.840	1.708
6591	65.90	1.524	1.301	1.093	0.972	0.982	1.119	1.327	1.531	1.676	1.749
6601	66.00	1.788	1.854	1.987	2.182	2.379	2.489	2.435	2.193	1.809	1.384
6611	66.10	1.032	0.840	0.831	0.965	1.164	1.343	1.448	1.466	1.421	1.345
6621	66.20	1.256	1.146	0.984	0.735	0.384	-0.054	-0.531	-0.983	-1.355	-1.617
6631	66.30	-1.775	-1.866	-1.938	-2.029	-2.150	-2.278	-2.370	-2.379	-2.277	-2.071
6641	66.40	-1.799	-1.520	-1.293	-1.154	-1.109	-1.132	-1.190	-1.257	-1.327	-1.416
6651	66.50	-1.544	-1.715	-1.903	-2.051	-2.092	-1.977	-1.696	-1.294	-0.848	-0.439
6661	66.60	-0.118	0.117	0.313	0.540	0.852	1.259	1.716	2.143	2.454	2.596
6671	66.70	2.563	2.394	2.156	1.913	1.705	1.541	1.405	1.274	1.128	0.957
6681	66.80	0.759	0.540	0.307	0.070	-0.154	-0.343	-0.477	-0.548	-0.571	-0.577
6691	66.90	-0.606	-0.682	-0.795	-0.896	-0.913	-0.784	-0.487	-0.061	0.400	0.777
6701	67.00	0.978	0.967	0.784	0.523	0.287	0.145	0.100	0.089	0.018	-0.197
6711	67.10	-0.583	-1.096	-1.637	-2.086	-2.350	-2.395	-2.251	-1.997	-1.722	-1.499
6721	67.20	-1.357	-1.285	-1.246	-1.200	-1.118	-0.996	-0.846	-0.688	-0.536	-0.398
6731	67.30	-0.270	-0.144	-0.016	0.115	0.244	0.367	0.484	0.598	0.717	0.866
6741	67.40	0.987	1.135	1.281	1.413	1.524	1.609	1.669	1.710	1.738	1.759
6751	67.50	1.778	1.798	1.825	1.864	1.920	1.996	2.086	2.178	2.251	2.280
6761	67.60	2.242	2.123	1.926	1.670	1.387	1.114	0.882	0.708	0.585	0.488
6771	67.70	0.385	0.249	0.070	-0.143	-0.361	-0.556	-0.710	-0.826	-0.929	-1.051
6781	67.80	-1.217	-1.427	-1.657	-1.870	-2.033	-2.139	-2.214	-2.307	-2.464	-2.705
6791	67.90	-3.001	-3.282	-3.459	-3.458	-3.255	-2.884	-2.427	-1.977	-1.610	-1.348
6801	68.00	-1.169	-1.018	-0.839	-0.599	-0.297	0.050	0.419	0.799	1.187	1.583
6811	68.10	1.963	2.282	2.475	2.491	2.318	2.000	1.633	1.325	1.158	1.148
6821	68.20	1.242	1.336	1.322	1.140	0.796	0.360	-0.070	-0.418	-0.665	-0.853
6831	68.30	-1.063	-1.368	-1.795	-2.307	-2.808	-3.191	-3.374	-3.362	-3.147	-2.891
6841	68.40	-2.682	-2.594	-2.641	-2.774	-2.913	-2.980	-2.936	-2.797	-2.631	-2.526
6851	68.50	-2.556	-2.747	-3.067	-3.433	-3.745	-3.925	-3.939	-3.813	-3.611	-3.412
6861	68.60	-3.269	-3.196	-3.165	-3.123	-3.018	-2.820	-2.529	-2.166	-1.761	-1.339
6871	68.70	-0.918	-0.516	-0.151	0.150	0.364	0.488	0.549	0.600	0.703	0.901
6881	68.80	1.193	1.530	1.838	2.053	2.156	2.181	2.198	2.269	2.411	2.569
6891	68.90	2.641	2.518	2.165	1.552	0.846	0.164	-0.383	-0.764	-1.029	-1.279
6901	69.00	-1.602	-2.029	-2.510	-2.940	-3.212	-3.262	-3.093	-2.755	-2.312	-1.800
6911	69.10	-1.220	-0.563	0.157	0.868	1.454	1.792	1.816	1.567	1.190	0.883
6921	69.20	0.812	1.041	1.501	2.031	2.454	2.673	2.716	2.720	2.860	3.253
6931	69.30	3.898	4.666	5.358	5.800	5.916	5.760	5.479	5.241	5.152	5.215
6941	69.40	5.343	5.412	5.329	5.078	4.723	4.368	4.102	3.960	3.909	3.881
6951	69.50	3.809	3.667	3.481	3.306	3.195	3.167	3.196	3.225	3.200	3.095
6961	69.60	2.928	2.747	2.604	2.530	2.519	2.530	2.513	2.432	2.288	2.109
6971	69.70	1.952	1.858	1.840	1.870	1.890	1.834	1.655	1.346	0.942	0.506
6981	69.80	0.104	-0.223	-0.471	-0.679	-0.901	-1.185	-1.546	-1.950	-2.331	-2.604
6991	69.90	-2.703	-2.605	-2.332	-1.951	-1.542	-1.177	-0.899	-0.717	-0.612	-0.555

Table 7-38-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1230 1302-AB-1-11 HB. (H9.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.518	-0.487	-0.464	-0.461	-0.498	-0.595	-0.764	-1.008	-1.313	-1.648
7011	70.10	-1.969	-2.228	-2.390	-2.444	-2.407	-2.322	-2.233	-2.173	-2.145	-2.129
7021	70.20	-2.097	-2.039	-1.973	-1.952	-2.034	-2.259	-2.622	-3.071	-3.520	-3.894
7031	70.30	-4.152	-4.310	-4.420	-4.545	-4.711	-4.895	-5.028	-5.025	-4.834	-4.458
7041	70.40	-3.960	-3.438	-2.978	-2.619	-2.343	-2.089	-1.791	-1.412	-0.963	-0.494
7051	70.50	-0.070	0.264	0.497	0.654	0.774	0.887	1.000	1.096	1.154	1.166
7061	70.60	1.148	1.135	1.166	1.259	1.404	1.567	1.701	1.774	1.772	1.711
7071	70.70	1.617	1.519	1.432	1.363	1.305	1.255	1.214	1.182	1.159	1.137
7081	70.80	1.107	1.064	1.015	0.983	0.996	1.068	1.187	1.305	1.349	1.247
7091	70.90	0.961	0.507	-0.042	-0.576	-0.990	-1.218	-1.257	-1.166	-1.043	-0.982
7101	71.00	-1.046	-1.243	-1.535	-1.853	-2.127	-2.309	-2.383	-2.361	-2.269	-2.140
7111	71.10	-1.996	-1.853	-1.716	-1.592	-1.487	-1.404	-1.346	-1.305	-1.268	-1.220
7121	71.20	-1.149	-1.051	-0.937	-0.825	-0.735	-0.677	-0.648	-0.628	-0.589	-0.504
7131	71.30	-0.358	-0.155	0.082	0.325	0.550	0.750	0.933	1.121	1.332	1.565
7141	71.40	1.797	1.986	2.084	2.062	1.920	1.692	1.437	1.215	1.066	0.999
7151	71.50	0.987	0.987	0.958	0.878	0.754	0.613	0.488	0.401	0.354	0.325
7161	71.60	0.287	0.215	0.104	-0.031	-0.163	-0.264	-0.317	-0.325	-0.303	-0.273
7171	71.70	-0.250	-0.237	-0.224	-0.198	-0.153	-0.099	-0.059	-0.067	-0.152	-0.327
7181	71.80	-0.586	-0.900	-1.234	-1.554	-1.837	-2.077	-2.274	-2.428	-2.536	-2.587
7191	71.90	-2.572	-2.494	-2.372	-2.241	-2.135	-2.067	-2.020	-1.944	-1.777	-1.474
7201	72.00	-1.037	-0.527	-0.046	0.294	0.418	0.325	0.086	-0.178	-0.348	-0.361
7211	72.10	-0.229	-0.031	0.130	0.178	0.104	-0.032	-0.136	-0.128	0.014	0.240
7221	72.20	0.458	0.584	0.595	0.548	0.557	0.739	1.150	1.747	2.397	2.926
7231	72.30	3.193	3.153	2.872	2.501	2.202	2.085	2.165	2.359	2.539	2.589
7241	72.40	2.457	2.170	1.817	1.496	1.276	1.164	1.117	1.065	0.950	0.755
7251	72.50	0.506	0.261	0.085	0.024	0.093	0.273	0.523	0.787	1.013	1.161
7261	72.60	1.213	1.176	1.081	0.978	0.912	0.915	0.982	1.080	1.152	1.146
7271	72.70	1.033	0.824	0.558	0.282	0.033	-0.187	-0.400	-0.635	-0.899	-1.162
7281	72.80	-1.359	-1.414	-1.279	-0.959	-0.517	-0.055	0.331	0.589	0.729	0.818
7291	72.90	0.939	1.153	1.462	1.813	2.115	2.285	2.284	2.134	1.909	1.707
7301	73.00	1.611	1.660	1.848	2.132	2.452	2.755	3.007	3.187	3.285	3.295
7311	73.10	3.214	3.047	2.813	2.543	2.280	2.059	1.903	1.808	1.751	1.699
7321	73.20	1.620	1.498	1.335	1.148	0.962	0.799	0.675	0.599	0.573	0.596
7331	73.30	0.664	0.769	0.900	1.036	1.159	1.249	1.301	1.318	1.316	1.320
7341	73.40	1.349	1.415	1.516	1.636	1.748	1.824	1.836	1.761	1.588	1.312
7351	73.50	0.944	0.504	0.027	-0.442	-0.853	-1.167	-1.363	-1.449	-1.465	-1.473
7361	73.60	-1.535	-1.693	-1.942	-2.236	-2.489	-2.615	-2.556	-2.312	-1.949	-1.580
7371	73.70	-1.323	-1.262	-1.414	-1.725	-2.093	-2.412	-2.613	-2.694	-2.713	-2.763
7381	73.80	-2.924	-3.237	-3.682	-4.196	-4.703	-5.145	-5.505	-5.800	-6.064	-6.324
7391	73.90	-6.579	-6.806	-6.973	-7.062	-7.087	-7.083	-7.097	-7.160	-7.271	-7.398
7401	74.00	-7.496	-7.528	-7.482	-7.378	-7.248	-7.115	-6.981	-6.821	-6.602	-6.301
7411	74.10	-5.924	-5.506	-5.092	-4.718	-4.389	-4.085	-3.773	-3.440	-3.103	-2.806
7421	74.20	-2.596	-2.485	-2.429	-2.335	-2.099	-1.655	-1.018	-0.288	0.385	0.872
7431	74.30	1.125	1.209	1.280	1.513	2.024	2.807	3.735	4.611	5.250	5.564
7441	74.40	5.592	5.473	5.376	5.418	5.613	5.874	6.067	6.084	5.895	5.564
7451	74.50	5.213	4.961	4.869	4.926	5.067	5.219	5.344	5.453	5.582	5.756
7461	74.60	5.952	6.098	6.107	5.925	5.572	5.146	4.780	4.582	4.573	4.673
7471	74.70	4.733	4.606	4.217	3.606	2.905	2.283	1.862	1.668	1.620	1.576
7481	74.80	1.410	1.067	0.586	0.085	-0.319	-0.544	-0.591	-0.522	-0.427	-0.378
7491	74.90	-0.395	-0.459	-0.537	-0.611	-0.697	-0.831	-1.035	-1.298	-1.556	-1.726

Table 7-38-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-1.742	-1.593	-1.342	-1.097	-0.965	-0.999	-1.170	-1.381	-1.511	-1.475
7511	75.10	-1.264	-0.950	-0.651	-0.471	-0.457	-0.578	-0.747	-0.874	-0.906	-0.856
7521	75.20	-0.791	-0.784	-0.880	-1.061	-1.260	-1.396	-1.424	-1.357	-1.271	-1.257
7531	75.30	-1.380	-1.632	-1.931	-2.154	-2.193	-2.007	-1.641	-1.214	-0.854	-0.652
7541	75.40	-0.614	-0.667	-0.702	-0.626	-0.416	-0.123	0.152	0.315	0.333	0.252
7551	75.50	0.179	0.230	0.471	0.883	1.363	1.772	1.996	1.997	1.829	1.609
7561	75.60	1.464	1.475	1.643	1.903	2.155	2.322	2.379	2.362	2.346	2.400
7571	75.70	2.561	2.816	3.117	3.406	3.640	3.798	3.881	3.887	3.805	3.614
7581	75.80	3.300	2.875	2.386	1.913	1.540	1.325	1.276	1.349	1.466	1.549
7591	75.90	1.548	1.459	1.316	1.169	1.063	1.021	1.041	1.107	1.197	1.294
7601	76.00	1.378	1.427	1.417	1.322	1.139	0.890	0.630	0.430	0.347	0.399
7611	76.10	0.548	0.716	0.808	0.758	0.552	0.237	-0.103	-0.385	-0.563	-0.665
7621	76.20	-0.685	-0.750	-0.887	-1.098	-1.342	-1.552	-1.673	-1.682	-1.594	-1.459
7631	76.30	-1.331	-1.247	-1.221	-1.242	-1.292	-1.360	-1.447	-1.564	-1.718	-1.905
7641	76.40	-2.106	-2.292	-2.441	-2.546	-2.619	-2.686	-2.780	-2.919	-3.109	-3.339
7651	76.50	-3.592	-3.848	-4.089	-4.299	-4.459	-4.547	-4.544	-4.438	-4.242	-3.990
7661	76.60	-3.739	-3.544	-3.445	-3.444	-3.504	-3.561	-3.563	-3.403	-3.133	-2.769
7671	76.70	-2.378	-2.031	-1.779	-1.638	-1.588	-1.588	-1.596	-1.589	-1.565	-1.544
7681	76.80	-1.544	-1.573	-1.620	-1.660	-1.668	-1.639	-1.593	-1.573	-1.627	-1.783
7691	76.90	-2.036	-2.337	-2.612	-2.784	-2.802	-2.661	-2.399	-2.085	-1.788	-1.559
7701	77.00	-1.409	-1.317	-1.243	-1.151	-1.022	-0.861	-0.688	-0.528	-0.393	-0.281
7711	77.10	-0.176	-0.061	0.076	0.232	0.394	0.546	0.676	0.787	0.890	1.004
7721	77.20	1.142	1.304	1.480	1.666	1.777	1.856	1.879	1.854	1.801	1.746
7731	77.30	1.707	1.696	1.712	1.746	1.783	1.811	1.824	1.823	1.816	1.814
7741	77.40	1.822	1.842	1.868	1.891	1.904	1.905	1.900	1.897	1.905	1.927
7751	77.50	1.955	1.980	1.992	1.986	1.970	1.958	1.966	2.004	2.072	2.159
7761	77.60	2.251	2.334	2.403	2.462	2.520	2.584	2.656	2.727	2.788	2.834
7771	77.70	2.871	2.911	2.972	3.064	3.177	3.284	3.347	3.328	3.206	2.990
7781	77.80	2.711	2.417	2.153	1.947	1.801	1.693	1.591	1.467	1.308	1.119
7791	77.90	0.921	0.736	0.577	0.441	0.314	0.174	0.009	-0.179	-0.369	-0.530
7801	78.00	-0.632	-0.664	-0.638	-0.590	-0.564	-0.599	-0.708	-0.867	-1.024	-1.114
7811	78.10	-1.081	-0.903	-0.601	-0.231	0.136	0.440	0.656	0.799	0.914	1.056
7821	78.20	1.258	1.518	1.798	2.036	2.178	2.198	2.109	1.958	1.808	1.711
7831	78.30	1.691	1.739	1.815	1.873	1.875	1.802	1.660	1.470	1.258	1.050
7841	78.40	0.861	0.696	0.555	0.432	0.318	0.203	0.078	-0.063	-0.220	-0.387
7851	78.50	-0.550	-0.698	-0.824	-0.932	-1.034	-1.148	-1.289	-1.467	-1.681	-1.930
7861	78.60	-2.210	-2.521	-2.865	-3.236	-3.617	-3.976	-4.285	-4.510	-4.647	-4.716
7871	78.70	-4.759	-4.814	-4.902	-5.003	-5.064	-5.017	-4.808	-4.425	-3.910	-3.345
7881	78.80	-2.822	-2.407	-2.115	-1.911	-1.724	-1.491	-1.175	-0.790	-0.382	-0.006
7891	78.90	0.301	0.540	0.740	0.938	1.154	1.372	1.546	1.619	1.561	1.381
7901	79.00	1.133	0.892	0.720	0.664	0.637	0.644	0.607	0.501	0.349	0.214
7911	79.10	0.166	0.253	0.468	0.757	1.038	1.244	1.350	1.388	1.423	1.521
7921	79.20	1.706	1.942	2.140	2.195	2.035	1.653	1.117	0.549	0.071	-0.239
7931	79.30	-0.382	-0.434	-0.513	-0.726	-1.122	-1.665	-2.252	-2.746	-3.035	-3.069
7941	79.40	-2.880	-2.568	-2.254	-2.034	-1.946	-1.954	-1.974	-1.909	-1.693	-1.321
7951	79.50	-0.851	-0.380	-0.008	0.201	0.239	0.156	0.031	-0.062	-0.089	-0.064
7961	79.60	-0.046	-0.108	-0.305	-0.645	-1.088	-1.558	-1.977	-2.294	-2.503	-2.635
7971	79.70	-2.743	-2.860	-2.984	-3.074	-3.064	-2.898	-2.564	-2.101	-1.597	-1.150
7981	79.80	-0.830	-0.652	-0.568	-0.487	-0.318	-0.008	0.435	0.948	1.438	1.822
7991	79.90	2.056	2.147	2.144	2.103	2.063	2.031	1.983	1.888	1.728	1.513

Table 7-38-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	1.282	1.083	0.948	0.881	0.851	0.813	0.729	0.585	0.401	0.222
8011	80.10	0.095	0.048	0.084	0.173	0.278	0.365	0.416	0.436	0.440	0.447
8021	80.20	0.464	0.490	0.517	0.538	0.553	0.567	0.588	0.617	0.649	0.677
8031	80.30	0.694	0.702	0.708	0.723	0.755	0.797	0.838	0.862	0.863	0.849
8041	80.40	0.838	0.848	0.884	0.927	0.938	0.874	0.711	0.458	0.164	-0.095
8051	80.50	-0.246	-0.244	-0.089	0.178	0.491	0.785	1.022	1.195	1.324	1.437
8061	80.60	1.555	1.688	1.830	1.977	2.128	2.289	2.465	2.647	2.811	2.924
8071	80.70	2.957	2.908	2.804	2.700	2.649	2.676	2.764	2.848	2.850	2.706
8081	80.80	2.405	1.999	1.585	1.269	1.123	1.155	1.311	1.497	1.621	1.626
8091	80.90	1.512	1.323	1.123	0.965	0.870	0.824	0.794	0.745	0.664	0.556
8101	81.00	0.441	0.338	0.255	0.186	0.117	0.038	-0.053	-0.148	-0.236	-0.314
8111	81.10	-0.386	-0.468	-0.572	-0.704	-0.857	-1.018	-1.174	-1.321	-1.465	-1.616
8121	81.20	-1.779	-1.942	-2.080	-2.160	-2.156	-2.065	-1.910	-1.733	-1.582	-1.490
8131	81.30	-1.465	-1.489	-1.533	-1.564	-1.566	-1.540	-1.501	-1.465	-1.444	-1.437
8141	81.40	-1.437	-1.433	-1.420	-1.400	-1.378	-1.360	-1.347	-1.334	-1.319	-1.299
8151	81.50	-1.281	-1.271	-1.273	-1.282	-1.279	-1.241	-1.143	-0.977	-0.753	-0.504
8161	81.60	-0.276	-0.114	-0.047	-0.082	-0.200	-0.364	-0.533	-0.669	-0.752	-0.782
8171	81.70	-0.778	-0.766	-0.775	-0.822	-0.909	-1.022	-1.137	-1.233	-1.300	-1.349
8181	81.80	-1.404	-1.492	-1.627	-1.798	-1.961	-2.058	-2.030	-1.845	-1.514	-1.088
8191	81.90	-0.643	-0.253	0.037	0.225	0.342	0.435	0.538	0.655	0.759	0.807
8201	82.00	0.762	0.618	0.403	0.172	-0.020	-0.139	-0.188	-0.200	-0.221	-0.287
8211	82.10	-0.407	-0.559	-0.702	-0.798	-0.826	-0.790	-0.717	-0.636	-0.572	-0.530
8221	82.20	-0.506	-0.487	-0.465	-0.444	-0.429	-0.425	-0.427	-0.419	-0.382	-0.302
8231	82.30	-0.181	-0.037	0.103	0.215	0.292	0.345	0.400	0.480	0.597	0.737
8241	82.40	0.869	0.957	0.969	0.899	0.762	0.589	0.413	0.259	0.135	0.035
8251	82.50	-0.049	-0.122	-0.180	-0.211	-0.206	-0.159	-0.079	0.018	0.111	0.188
8261	82.60	0.248	0.301	0.367	0.462	0.597	0.768	0.964	1.164	1.344	1.483
8271	82.70	1.564	1.579	1.527	1.420	1.277	1.122	0.980	0.868	0.790	0.733
8281	82.80	0.673	0.579	0.429	0.215	-0.053	-0.345	-0.621	-0.841	-0.968	-0.986
8291	82.90	-0.893	-0.707	-0.461	-0.196	0.050	0.244	0.376	0.454	0.502	0.557
8301	83.00	0.649	0.792	0.975	1.165	1.321	1.406	1.405	1.333	1.228	1.140
8311	83.10	1.105	1.135	1.210	1.286	1.310	1.247	1.085	0.847	0.575	0.317
8321	83.20	0.103	-0.060	-0.193	-0.327	-0.492	-0.691	-0.903	-1.079	-1.165	-1.121
8331	83.30	-0.936	-0.640	-0.296	0.023	0.256	0.377	0.406	0.397	0.422	0.534
8341	83.40	0.751	1.040	1.330	1.535	1.591	1.479	1.236	0.943	0.698	0.578
8351	83.50	0.619	0.801	1.065	1.333	1.541	1.649	1.656	1.582	1.460	1.314
8361	83.60	1.160	1.002	0.845	0.697	0.569	0.473	0.406	0.355	0.293	0.198
8371	83.70	0.059	-0.108	-0.268	-0.375	-0.390	-0.300	-0.119	0.116	0.358	0.570
8381	83.80	0.732	0.846	0.921	0.968	0.991	0.987	0.956	0.907	0.858	0.836
8391	83.90	0.859	0.924	1.002	1.045	1.001	0.842	0.570	0.226	-0.132	-0.444
8401	84.00	-0.680	-0.843	-0.969	-1.103	-1.281	-1.510	-1.769	-2.021	-2.235	-2.404
8411	84.10	-2.548	-2.703	-2.900	-3.147	-3.420	-3.670	-3.845	-3.912	-3.880	-3.792
8421	84.20	-3.713	-3.696	-3.766	-3.902	-4.048	-4.136	-4.115	-3.969	-3.721	-3.425
8431	84.30	-3.140	-2.905	-2.734	-2.609	-2.500	-2.380	-2.233	-2.062	-1.879	-1.696
8441	84.40	-1.516	-1.334	-1.138	-0.924	-0.698	-0.473	-0.266	-0.084	0.080	0.242
8451	84.50	0.423	0.630	0.859	1.088	1.295	1.467	1.612	1.759	1.938	2.169
8461	84.60	2.441	2.712	2.923	3.019	2.974	2.802	2.556	2.304	2.106	1.989
8471	84.70	1.944	1.933	1.912	1.853	1.752	1.630	1.514	1.425	1.365	1.318
8481	84.80	1.262	1.182	1.080	0.971	0.874	0.799	0.743	0.686	0.612	0.513
8491	84.90	0.402	0.308	0.264	0.289	0.378	0.509	0.649	0.773	0.876	0.972

Table 7-38-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	1.084	1.225	1.390	1.545	1.649	1.665	1.581	1.414	1.207	1.005
8511	85.10	0.843	0.730	0.653	0.588	0.514	0.423	0.319	0.216	0.120	0.032
8521	85.20	-0.058	-0.158	-0.269	-0.383	-0.484	-0.565	-0.629	-0.696	-0.788	-0.918
8531	85.30	-1.078	-1.233	-1.338	-1.350	-1.253	-1.063	-0.824	-0.589	-0.394	-0.251
8541	85.40	-0.147	-0.053	0.049	0.157	0.251	0.299	0.286	0.218	0.126	0.053
8551	85.50	0.029	0.058	0.115	0.159	0.160	0.113	0.048	0.015	0.065	0.218
8561	85.60	0.460	0.747	1.026	1.259	1.440	1.590	1.739	1.906	2.080	2.226
8571	85.70	2.301	2.280	2.172	2.023	1.894	1.839	1.875	1.977	2.083	2.124
8581	85.80	2.053	1.863	1.585	1.275	0.988	0.756	0.579	0.434	0.291	0.127
8591	85.90	-0.062	-0.264	-0.461	-0.644	-0.811	-0.976	-1.149	-1.336	-1.532	-1.725
8601	86.00	-1.904	-2.069	-2.228	-2.398	-2.593	-2.810	-3.031	-3.221	-3.347	-3.388
8611	86.10	-3.345	-3.244	-3.125	-3.029	-2.984	-2.994	-3.048	-3.117	-3.172	-3.191
8621	86.20	-3.162	-3.083	-2.960	-2.802	-2.622	-2.433	-2.246	-2.076	-1.929	-1.808
8631	86.30	-1.704	-1.603	-1.491	-1.360	-1.209	-1.049	-0.895	-0.759	-0.643	-0.539
8641	86.40	-0.430	-0.303	-0.153	0.010	0.170	0.308	0.417	0.507	0.603	0.740
8651	86.50	0.942	1.215	1.539	1.872	2.165	2.375	2.477	2.469	2.366	2.190
8661	86.60	1.966	1.707	1.424	1.123	0.817	0.523	0.263	0.056	-0.087	-0.166
8671	86.70	-0.193	-0.185	-0.160	-0.130	-0.100	-0.072	-0.045	-0.021	-0.004	0.003
8681	86.80	-0.001	-0.013	-0.027	-0.035	-0.036	-0.024	-0.010	0.001	0.006	0.004
8691	86.90	-0.003	-0.009	-0.010	-0.005	0.005	0.015	0.021	0.023	0.022	0.019
8701	87.00	0.019	0.022	0.028	0.036	0.043	0.049	0.052	0.054	0.054	0.055
8711	87.10	0.058	0.064	0.072	0.081	0.089	0.094	0.096	0.095	0.095	0.097
8721	87.20	0.105	0.118	0.132	0.143	0.146	0.142	0.136	0.134	0.142	0.160
8731	87.30	0.184	0.203	0.208	0.197	0.176	0.160	0.167	0.207	0.284	0.386
8741	87.40	0.497	0.602	0.692	0.769	0.839	0.911	0.988	1.066	1.139	1.205
8751	87.50	1.267	1.338	1.434	1.562	1.716	1.877	2.023	2.136	2.214	2.277
8761	87.60	2.354	2.470	2.634	2.825	3.001	3.110	3.111	2.993	2.771	2.490
8771	87.70	2.199	1.942	1.740	1.591	1.481	1.384	1.281	1.158	1.010	0.836
8781	87.80	0.640	0.429	0.212	-0.001	-0.203	-0.395	-0.586	-0.788	-1.011	-1.253
8791	87.90	-1.492	-1.695	-1.823	-1.853	-1.786	-1.655	-1.509	-1.398	-1.351	-1.367
8801	88.00	-1.417	-1.464	-1.478	-1.451	-1.400	-1.351	-1.327	-1.335	-1.365	-1.400
8811	88.10	-1.434	-1.475	-1.546	-1.663	-1.825	-1.994	-2.111	-2.115	-1.975	-1.706
8821	88.20	-1.374	-1.065	-0.849	-0.744	-0.710	-0.658	-0.497	-0.174	0.293	0.819
8831	88.30	1.284	1.581	1.658	1.538	1.306	1.071	0.919	0.888	0.958	1.071
8841	88.40	1.163	1.194	1.165	1.106	1.056	1.046	1.079	1.135	1.185	1.205
8851	88.50	1.191	1.155	1.123	1.114	1.137	1.181	1.228	1.255	1.248	1.202
8861	88.60	1.125	1.028	0.923	0.819	0.721	0.634	0.556	0.486	0.423	0.360
8871	88.70	0.293	0.219	0.138	0.053	-0.028	-0.101	-0.167	-0.229	-0.298	-0.380
8881	88.80	-0.480	-0.595	-0.716	-0.836	-0.946	-1.046	-1.141	-1.236	-1.337	-1.444
8891	88.90	-1.554	-1.660	-1.758	-1.851	-1.943	-2.045	-2.160	-2.286	-2.411	-2.516
8901	89.00	-2.582	-2.596	-2.560	-2.485	-2.398	-2.323	-2.279	-2.273	-2.295	-2.325
8911	89.10	-2.343	-2.336	-2.304	-2.260	-2.221	-2.205	-2.213	-2.236	-2.258	-2.259
8921	89.20	-2.233	-2.186	-2.139	-2.112	-2.119	-2.157	-2.204	-2.229	-2.205	-2.117
8931	89.30	-1.972	-1.789	-1.596	-1.413	-1.246	-1.090	-0.933	-0.770	-0.609	-0.470
8941	89.40	-0.381	-0.362	-0.416	-0.520	-0.631	-0.697	-0.672	-0.533	-0.284	0.040
8951	89.50	0.389	0.709	0.961	1.133	1.244	1.334	1.454	1.642	1.905	2.217
8961	89.60	2.515	2.729	2.799	2.702	2.462	2.145	1.839	1.621	1.536	1.583
8971	89.70	1.722	1.896	2.048	2.150	2.200	2.218	2.230	2.253	2.292	2.340
8981	89.80	2.388	2.434	2.482	2.541	2.612	2.682	2.725	2.715	2.631	2.476
8991	89.90	2.272	2.053	1.856	1.702	1.593	1.511	1.434	1.341	1.226	1.093

Table 7-38-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.953	0.819	0.698	0.588	0.484	0.381	0.273	0.156	0.030	-0.104
9011	90.10	-0.240	-0.364	-0.458	-0.503	-0.487	-0.415	-0.311	-0.215	-0.167	-0.196
9021	90.20	-0.305	-0.475	-0.672	-0.864	-1.036	-1.196	-1.362	-1.551	-1.758	-1.953
9031	90.30	-2.086	-2.110	-1.999	-1.767	-1.458	-1.137	-0.858	-0.649	-0.503	-0.388
9041	90.40	-0.272	-0.134	0.015	0.145	0.219	0.216	0.139	0.022	-0.090	-0.157
9051	90.50	-0.162	-0.115	-0.046	0.009	0.025	-0.000	-0.051	-0.100	-0.124	-0.110
9061	90.60	-0.068	-0.017	0.018	0.019	-0.016	-0.078	-0.148	-0.213	-0.265	-0.309
9071	90.70	-0.358	-0.427	-0.518	-0.622	-0.715	-0.766	-0.751	-0.663	-0.514	-0.333
9081	90.80	-0.153	-0.003	0.109	0.190	0.260	0.339	0.437	0.546	0.659	0.758
9091	90.90	0.843	0.923	1.014	1.127	1.258	1.382	1.470	1.496	1.457	1.375
9101	91.00	1.292	1.248	1.263	1.324	1.393	1.427	1.401	1.327	1.251	1.235
9111	91.10	1.325	1.528	1.803	2.072	2.259	2.313	2.233	2.064	1.875	1.728
9121	91.20	1.653	1.643	1.666	1.682	1.670	1.630	1.578	1.531	1.490	1.438
9131	91.30	1.349	1.203	1.003	0.773	0.552	0.373	0.246	0.157	0.071	-0.043
9141	91.40	-0.200	-0.386	-0.572	-0.728	-0.843	-0.929	-1.020	-1.150	-1.334	-1.553
9151	91.50	-1.762	-1.907	-1.944	-1.862	-1.683	-1.451	-1.215	-1.012	-0.855	-0.740
9161	91.60	-0.657	-0.596	-0.562	-0.561	-0.601	-0.677	-0.774	-0.867	-0.937	-0.972
9171	91.70	-0.980	-0.975	-0.976	-0.994	-1.031	-1.076	-1.120	-1.155	-1.180	-1.200
9181	91.80	-1.220	-1.244	-1.267	-1.288	-1.308	-1.336	-1.390	-1.489	-1.643	-1.852
9191	91.90	-2.096	-2.341	-2.550	-2.689	-2.741	-2.705	-2.599	-2.454	-2.304	-2.181
9201	92.00	-2.104	-2.076	-2.079	-2.087	-2.065	-1.992	-1.864	-1.698	-1.528	-1.387
9211	92.10	-1.297	-1.253	-1.227	-1.181	-1.083	-0.927	-0.740	-0.574	-0.482	-0.500
9221	92.20	-0.630	-0.838	-1.071	-1.281	-1.443	-1.566	-1.678	-1.807	-1.963	-2.124
9231	92.30	-2.244	-2.271	-2.172	-1.947	-1.638	-1.303	-1.004	-0.777	-0.626	-0.525
9241	92.40	-0.436	-0.325	-0.174	0.012	0.213	0.408	0.583	0.734	0.869	1.000
9251	92.50	1.137	1.286	1.453	1.635	1.829	2.025	2.205	2.346	2.425	2.425
9261	92.60	2.347	2.212	2.052	1.907	1.806	1.760	1.757	1.771	1.774	1.745
9271	92.70	1.683	1.601	1.520	1.460	1.428	1.416	1.408	1.385	1.335	1.261
9281	92.80	1.177	1.104	1.062	1.060	1.099	1.167	1.245	1.319	1.376	1.414
9291	92.90	1.439	1.460	1.486	1.521	1.563	1.606	1.643	1.670	1.689	1.708
9301	93.00	1.739	1.786	1.867	1.908	1.945	1.936	1.867	1.739	1.572	1.393
9311	93.10	1.233	1.110	1.028	0.972	0.920	0.850	0.750	0.623	0.486	0.362
9321	93.20	0.271	0.225	0.224	0.256	0.307	0.360	0.402	0.425	0.429	0.417
9331	93.30	0.397	0.379	0.372	0.379	0.400	0.428	0.449	0.449	0.419	0.355
9341	93.40	0.264	0.159	0.054	-0.039	-0.117	-0.182	-0.240	-0.298	-0.359	-0.425
9351	93.50	-0.494	-0.566	-0.661	-0.718	-0.796	-0.865	-0.914	-0.934	-0.920	-0.878
9361	93.60	-0.825	-0.780	-0.759	-0.768	-0.796	-0.827	-0.843	-0.835	-0.808	-0.779
9371	93.70	-0.764	-0.774	-0.802	-0.832	-0.845	-0.832	-0.797	-0.761	-0.746	-0.766
9381	93.80	-0.811	-0.858	-0.873	-0.840	-0.768	-0.694	-0.673	-0.749	-0.933	-1.194
9391	93.90	-1.461	-1.656	-1.723	-1.650	-1.476	-1.274	-1.118	-1.053	-1.076	-1.141
9401	94.00	-1.183	-1.149	-1.019	-0.818	-0.594	-0.399	-0.263	-0.179	-0.115	-0.029
9411	94.10	0.105	0.281	0.466	0.609	0.671	0.635	0.517	0.355	0.197	0.075
9421	94.20	0.003	-0.029	-0.042	-0.060	-0.096	-0.152	-0.220	-0.290	-0.356	-0.414
9431	94.30	-0.463	-0.502	-0.526	-0.530	-0.511	-0.471	-0.420	-0.371	-0.336	-0.320
9441	94.40	-0.320	-0.326	-0.328	-0.318	-0.297	-0.271	-0.247	-0.231	-0.222	-0.217
9451	94.50	-0.209	-0.194	-0.174	-0.153	-0.140	-0.155	-0.133	-0.124	-0.090	-0.021
9461	94.60	0.087	0.226	0.380	0.527	0.652	0.745	0.811	0.866	0.926	1.011
9471	94.70	1.126	1.265	1.412	1.539	1.620	1.633	1.571	1.442	1.268	1.077
9481	94.80	0.902	0.762	0.667	0.611	0.573	0.532	0.464	0.363	0.231	0.089
9491	94.90	-0.037	-0.120	-0.142	-0.101	-0.008	0.111	0.231	0.329	0.396	0.434

Table 7-38-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	0.457	0.481	0.518	0.571	0.634	0.695	0.746	0.785	0.817	0.854
9511	95.10	0.907	0.976	1.051	1.110	1.130	1.093	1.001	0.867	0.724	0.600
9521	95.20	0.517	0.477	0.461	0.442	0.392	0.303	0.190	0.088	0.044	0.091
9531	95.30	0.241	0.471	0.728	0.967	1.070	1.067	0.960	0.727	0.481	0.252
9541	95.40	0.073	-0.050	-0.134	-0.207	-0.292	-0.401	-0.529	-0.662	-0.785	-0.893
9551	95.50	-0.990	-1.087	-1.195	-1.316	-1.445	-1.569	-1.678	-1.772	-1.860	-1.960
9561	95.60	-2.083	-2.228	-2.378	-2.503	-2.576	-2.582	-2.527	-2.438	-2.352	-2.299
9571	95.70	-2.292	-2.317	-2.343	-2.336	-2.274	-2.153	-1.994	-1.829	-1.688	-1.585
9581	95.80	-1.517	-1.466	-1.407	-1.323	-1.214	-1.089	-0.969	-0.873	-0.809	-0.777
9591	95.90	-0.763	-0.755	-0.740	-0.712	-0.673	-0.628	-0.582	-0.538	-0.497	-0.459
9601	96.00	-0.421	-0.383	-0.344	-0.304	-0.263	-0.222	-0.179	-0.138	-0.098	-0.061
9611	96.10	-0.026	0.010	0.050	0.095	0.144	0.193	0.233	0.260	0.271	0.267
9621	96.20	0.256	0.244	0.239	0.243	0.254	0.266	0.277	0.284	0.289	0.295
9631	96.30	0.303	0.315	0.326	0.332	0.332	0.327	0.324	0.333	0.363	0.421
9641	96.40	0.508	0.618	0.741	0.862	0.969	1.054	1.110	1.141	1.150	1.145
9651	96.50	1.132	1.115	1.096	1.074	1.053	1.042	1.059	1.127	1.269	1.496
9661	96.60	1.798	2.145	2.488	2.777	2.975	3.075	3.099	3.093	3.107	3.172
9671	96.70	3.289	3.425	3.528	3.549	3.463	3.279	3.035	2.786	2.577	2.429
9681	96.80	2.335	2.266	2.190	2.085	1.950	1.801	1.658	1.535	1.432	1.336
9691	96.90	1.231	1.108	0.969	0.829	0.701	0.592	0.499	0.403	0.288	0.145
9701	97.00	-0.016	-0.171	-0.293	-0.358	-0.361	-0.314	-0.244	-0.175	-0.126	-0.100
9711	97.10	-0.091	-0.088	-0.089	-0.098	-0.125	-0.181	-0.271	-0.386	-0.513	-0.635
9721	97.20	-0.742	-0.830	-0.905	-0.972	-1.035	-1.091	-1.135	-1.159	-1.164	-1.156
9731	97.30	-1.147	-1.148	-1.167	-1.201	-1.242	-1.282	-1.311	-1.330	-1.344	-1.358
9741	97.40	-1.379	-1.405	-1.436	-1.465	-1.491	-1.514	-1.536	-1.559	-1.584	-1.610
9751	97.50	-1.633	-1.652	-1.671	-1.695	-1.727	-1.768	-1.809	-1.835	-1.832	-1.789
9761	97.60	-1.707	-1.599	-1.482	-1.378	-1.297	-1.242	-1.204	-1.167	-1.121	-1.060
9771	97.70	-0.987	-0.910	-0.838	-0.778	-0.726	-0.678	-0.627	-0.568	-0.501	-0.430
9781	97.80	-0.362	-0.300	-0.245	-0.193	-0.140	-0.082	-0.018	0.049	0.116	0.179
9791	97.90	0.237	0.290	0.343	0.400	0.462	0.528	0.595	0.659	0.718	0.774
9801	98.00	0.828	0.884	0.938	0.984	1.005	0.985	0.910	0.775	0.590	0.377
9811	98.10	0.163	-0.026	-0.176	-0.291	-0.387	-0.486	-0.607	-0.755	-0.920	-1.082
9821	98.20	-1.224	-1.338	-1.434	-1.533	-1.658	-1.822	-2.014	-2.203	-2.346	-2.404
9831	98.30	-2.361	-2.227	-2.037	-1.841	-1.679	-1.576	-1.526	-1.506	-1.485	-1.438
9841	98.40	-1.360	-1.259	-1.157	-1.071	-1.009	-0.964	-0.921	-0.865	-0.788	-0.695
9851	98.50	-0.601	-0.518	-0.456	-0.412	-0.371	-0.318	-0.241	-0.135	-0.009	0.125
9861	98.60	0.256	0.379	0.497	0.619	0.749	0.888	1.022	1.137	1.215	1.248
9871	98.70	1.240	1.205	1.166	1.140	1.139	1.162	1.200	1.241	1.273	1.291
9881	98.80	1.299	1.304	1.313	1.330	1.355	1.383	1.409	1.429	1.443	1.455
9891	98.90	1.468	1.484	1.505	1.528	1.551	1.572	1.590	1.605	1.620	1.636
9901	99.00	1.654	1.673	1.693	1.714	1.737	1.760	1.782	1.798	1.803	1.793
9911	99.10	1.767	1.728	1.682	1.637	1.600	1.577	1.566	1.560	1.553	1.537
9921	99.20	1.511	1.478	1.443	1.414	1.396	1.388	1.383	1.373	1.351	1.316
9931	99.30	1.274	1.236	1.212	1.210	1.226	1.249	1.258	1.235	1.167	1.056
9941	99.40	0.912	0.757	0.612	0.490	0.395	0.320	0.251	0.174	0.085	-0.019
9951	99.50	-0.129	-0.239	-0.344	-0.440	-0.530	-0.613	-0.685	-0.740	-0.773	-0.781
9961	99.60	-0.771	-0.757	-0.754	-0.774	-0.821	-0.885	-0.949	-0.997	-1.019	-1.020
9971	99.70	-1.012	-1.015	-1.044	-1.106	-1.198	-1.314	-1.450	-1.603	-1.777	-1.972
9981	99.80	-2.176	-2.365	-2.508	-2.572	-2.545	-2.437	-2.284	-2.136	-2.034	-2.000
9991	99.90	-2.019	-2.052	-2.050	-1.974	-1.814	-1.590	-1.340	-1.106	-0.911	-0.756

Table 7-38-21

TABLE OF CORRECTED ACCELERATION RECORD

NO.21

INDEX NO. 1230 1302-AB-1-11 HB. (HD.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10001	100.00	-0.617	-0.469	-0.296	-0.107	0.069	0.194	0.241	0.206	0.113	0.005
10011	100.10	-0.076	-0.106	-0.083	-0.029	0.025	0.055	0.052	0.026	-0.004	-0.019
10021	100.20	-0.012	0.013	0.045	0.075	0.099	0.126	0.165	0.222	0.295	0.370
10031	100.30	0.432	0.471	0.489	0.500	0.521	0.564	0.631	0.707	0.772	0.813
10041	100.40	0.828	0.830	0.844	0.889	0.969	1.069	1.157	1.197	1.166	1.061
10051	100.50	0.900	0.715	0.535	0.380	0.251	0.138	0.029	-0.078	-0.176	-0.246
10061	100.60	-0.274	-0.252	-0.190	-0.112	-0.043	-0.006	-0.004	-0.027	-0.057	-0.075
10071	100.70	-0.071	-0.048	-0.018	0.006	0.010	0.002	-0.012	-0.020	-0.015	0.003
10081	100.80	0.025	0.042	0.045	0.037	0.025	0.020	0.031	0.056	0.084	0.099
10091	100.90	0.085	0.034	-0.050	-0.154	-0.259	-0.350	-0.417	-0.465	-0.503	-0.545
10101	101.00	-0.600	-0.668	-0.743	-0.817	-0.881	-0.933	-0.978	-1.024	-1.079	-1.146
10111	101.10	-1.222	-1.299	-1.366	-1.418	-1.454	-1.483	-1.511	-1.544	-1.583	-1.624
10121	101.20	-1.658	-1.684	-1.702	-1.724	-1.761	-1.818	-1.890	-1.960	-2.001	-1.987
10131	101.30	-1.902	-1.752	-1.557	-1.351	-1.169	-1.030	-0.937	-0.872	-0.807	-0.719
10141	101.40	-0.596	-0.446	-0.292	-0.164	-0.087	-0.073	-0.111	-0.181	-0.252	-0.297
10151	101.50	-0.302	-0.265	-0.196	-0.111	-0.025	0.051	0.113	0.164	0.210	0.257
10161	101.60	0.307	0.362	0.418	0.475	0.529	0.581	0.630	0.680	0.733	0.787
10171	101.70	0.844	0.900	0.954	1.006	1.055	1.104	1.154	1.209	1.267	1.326
10181	101.80	1.383	1.435	1.481	1.524	1.571	1.625	1.689	1.759	1.826	1.879
10191	101.90	1.908	1.906	1.878	1.833	1.785	1.746	1.724	1.717	1.720	1.724
10201	102.00	1.722	1.711	1.694	1.676	1.661	1.651	1.645	1.640	1.633	1.622
10211	102.10	1.609	1.596	1.585	1.576	1.568	1.559	1.548	1.536	1.525	1.516
10221	102.20	1.509	1.503	1.494	1.480	1.464	1.448	1.438	1.436	1.440	1.443
10231	102.30	1.434	1.404	1.350	1.274	1.185	1.095	1.014	0.965	0.888	0.836
10241	102.40	0.784	0.728	0.668	0.605	0.543	0.481	0.420	0.359	0.298	0.237
10251	102.50	0.178	0.122	0.067	0.009	-0.052	-0.118	-0.185	-0.249	-0.307	-0.358
10261	102.60	-0.407	-0.460	-0.522	-0.593	-0.666	-0.734	-0.791	-0.836	-0.877	-0.925
10271	102.70	-0.987	-1.064	-1.146	-1.220	-1.275	-1.311	-1.339	-1.378	-1.441	-1.532
10281	102.80	-1.635	-1.724	-1.776	-1.780	-1.745	-1.698	-1.671	-1.683	-1.737	-1.814
10291	102.90	-1.890	-1.943	-1.972	-1.990	-2.016	-2.066	-2.137	-2.211	-2.260	-2.268
10301	103.00	-2.236	-2.183	-2.139	-2.124	-2.138	-2.163	-2.167	-2.125	-2.031	-1.898
10311	103.10	-1.754	-1.623	-1.513	-1.415	-1.316	-1.211	-1.111	-1.044	-1.035	-1.086
10321	103.20	-1.165	-1.212	-1.163	-0.984	-0.694	-0.362	-0.084	0.056	0.031	-0.120
10331	103.30	-0.306	-0.426	-0.413	-0.264	-0.037	0.179	0.307	0.321	0.251	0.166
10341	103.40	0.133	0.188	0.316	0.469	0.590	0.651	0.661	0.660	0.589	0.767
10351	103.50	0.878	0.982	1.042	1.051	1.038	1.059	1.157	1.335	1.539	1.681
10361	103.60	1.672	1.474	1.122	0.718	0.390	0.240	0.298	0.510	0.769	0.961
10371	103.70	1.018	0.944	0.809	0.705	0.698	0.796	0.945	1.056	1.053	0.907
10381	103.80	0.655	0.378	0.164	0.072	0.106	0.222	0.354	0.448	0.479	0.463
10391	103.90	0.435	0.428	0.453	0.501	0.546	0.566	0.558	0.537	0.522	0.529
10401	104.00	0.553	0.577	0.578	0.546	0.491	0.437	0.413	0.433	0.487	0.542
10411	104.10	0.565	0.534	0.454	0.350	0.257	0.193	0.145	0.079	-0.049	-0.262
10421	104.20	-0.547	-0.850	-1.099	-1.230	-1.222	-1.101	-0.934	-0.799	-0.752	-0.806
10431	104.30	-0.934	-1.078	-1.189	-1.240	-1.241	-1.225	-1.227	-1.267	-1.336	-1.406
10441	104.40	-1.443	-1.426	-1.360	-1.269	-1.188	-1.147	-1.160	-1.221	-1.310	-1.405
10451	104.50	-1.489	-1.552	-1.593	-1.618	-1.635	-1.655	-1.688	-1.742	-1.821	-1.914
10461	104.60	-1.997	-2.036	-2.001	-1.873	-1.659	-1.389	-1.108	-0.858	-0.664	-0.522
10471	104.70	-0.406	-0.284	-0.133	0.045	0.229	0.383	0.478	0.507	0.486	0.450
10481	104.80	0.434	0.461	0.532	0.627	0.721	0.792	0.836	0.861	0.886	0.926
10491	104.90	0.984	1.056	1.128	1.190	1.238	1.277	1.316	1.362	1.417	1.477

Table 7-38-22

TABLE OF CORRECTED ACCELERATION RECORD

NO.22

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10501	105.00	1.536	1.589	1.639	1.690	1.745	1.804	1.858	1.894	1.900	1.873
10511	105.10	1.819	1.755	1.699	1.664	1.653	1.658	1.667	1.665	1.648	1.618
10521	105.20	1.585	1.557	1.541	1.534	1.531	1.524	1.508	1.484	1.456	1.430
10531	105.30	1.412	1.401	1.393	1.384	1.369	1.347	1.321	1.295	1.272	1.255
10541	105.40	1.244	1.241	1.244	1.254	1.271	1.292	1.316	1.338	1.354	1.362
10551	105.50	1.362	1.359	1.356	1.359	1.370	1.391	1.418	1.445	1.463	1.457
10561	105.60	1.417	1.329	1.189	1.001	0.780	0.552	0.344	0.185	0.088	0.055
10571	105.70	0.075	0.125	0.185	0.239	0.281	0.310	0.329	0.341	0.345	0.339
10581	105.80	0.325	0.308	0.301	0.313	0.347	0.394	0.434	0.441	0.392	0.282
10591	105.90	0.121	-0.067	-0.252	-0.412	-0.540	-0.644	-0.739	-0.842	-0.960	-1.088
10601	106.00	-1.217	-1.337	-1.446	-1.549	-1.658	-1.779	-1.913	-2.053	-2.186	-2.302
10611	106.10	-2.396	-2.472	-2.533	-2.582	-2.615	-2.628	-2.619	-2.599	-2.590	-2.618
10621	106.20	-2.697	-2.821	-2.956	-3.049	-3.048	-2.928	-2.700	-2.418	-2.153	-1.976
10631	106.30	-1.922	-1.984	-2.115	-2.252	-2.342	-2.361	-2.319	-2.252	-2.196	-2.172
10641	106.40	-2.174	-2.179	-2.159	-2.097	-1.999	-1.886	-1.788	-1.723	-1.693	-1.682
10651	106.50	-1.666	-1.627	-1.560	-1.476	-1.394	-1.330	-1.288	-1.262	-1.235	-1.194
10661	106.60	-1.134	-1.060	-0.985	-0.923	-0.877	-0.843	-0.811	-0.769	-0.713	-0.644
10671	106.70	-0.574	-0.511	-0.462	-0.425	-0.390	-0.348	-0.294	-0.229	-0.160	-0.097
10681	106.80	-0.045	-0.005	0.031	0.071	0.122	0.185	0.254	0.320	0.375	0.417
10691	106.90	0.451	0.489	0.537	0.599	0.671	0.741	0.800	0.842	0.873	0.903
10701	107.00	0.947	1.011	1.091	1.173	1.239	1.277	1.289	1.297	1.328	1.412
10711	107.10	1.558	1.753	1.962	2.138	2.244	2.261	2.200	2.096	1.989	1.914
10721	107.20	1.885	1.895	1.922	1.942	1.943	1.924	1.896	1.872	1.860	1.858
10731	107.30	1.858	1.853	1.840	1.825	1.814	1.814	1.820	1.819	1.793	1.730
10741	107.40	1.627	1.498	1.363	1.243	1.148	1.079	1.022	0.961	0.887	0.797
10751	107.50	0.700	0.606	0.524	0.452	0.384	0.310	0.226	0.135	0.044	-0.038
10761	107.60	-0.110	-0.177	-0.248	-0.333	-0.433	-0.537	-0.626	-0.681	-0.690	-0.656
10771	107.70	-0.594	-0.528	-0.480	-0.460	-0.465	-0.484	-0.500	-0.503	-0.489	-0.465
10781	107.80	-0.441	-0.427	-0.425	-0.433	-0.443	-0.445	-0.434	-0.406	-0.362	-0.307
10791	107.90	-0.245	-0.181	-0.120	-0.064	-0.017	0.023	0.058	0.094	0.135	0.185
10801	108.00	0.241	0.299	0.351	0.393	0.425	0.455	0.491	0.542	0.610	0.687
10811	108.10	0.757	0.798	0.791	0.727	0.608	0.446	0.263	0.084	-0.069	-0.182
10821	108.20	-0.246	-0.262	-0.235	-0.175	-0.098	-0.016	0.056	0.110	0.143	0.159
10831	108.30	0.167	0.177	0.195	0.226	0.266	0.308	0.345	0.374	0.394	0.410
10841	108.40	0.429	0.456	0.491	0.530	0.567	0.598	0.621	0.639	0.657	0.682
10851	108.50	0.716	0.756	0.797	0.831	0.855	0.867	0.872	0.875	0.881	0.891
10861	108.60	0.902	0.911	0.915	0.915	0.917	0.927	0.950	0.980	1.008	1.020
10871	108.70	1.003	0.949	0.862	0.755	0.645	0.547	0.470	0.412	0.365	0.318
10881	108.80	0.262	0.195	0.121	0.045	-0.024	-0.087	-0.144	-0.200	-0.260	-0.325
10891	108.90	-0.394	-0.468	-0.543	-0.622	-0.703	-0.787	-0.874	-0.959	-1.040	-1.116
10901	109.00	-1.187	-1.258	-1.334	-1.415	-1.502	-1.589	-1.670	-1.744	-1.812	-1.881
10911	109.10	-1.957	-2.043	-2.137	-2.229	-2.310	-2.376	-2.433	-2.493	-2.570	-2.671
10921	109.20	-2.790	-2.905	-2.989	-3.013	-2.966	-2.853	-2.700	-2.541	-2.405	-2.309
10931	109.30	-2.252	-2.217	-2.183	-2.134	-2.063	-1.977	-1.888	-1.807	-1.740	-1.684
10941	109.40	-1.631	-1.573	-1.506	-1.430	-1.352	-1.277	-1.209	-1.146	-1.087	-1.025
10951	109.50	-0.960	-0.891	-0.819	-0.748	-0.678	-0.612	-0.547	-0.484	-0.421	-0.357
10961	109.60	-0.291	-0.223	-0.152	-0.080	-0.011	0.055	0.116	0.173	0.231	0.294
10971	109.70	0.366	0.446	0.528	0.604	0.663	0.698	0.710	0.701	0.681	0.658
10981	109.80	0.640	0.629	0.627	0.634	0.646	0.663	0.679	0.690	0.694	0.688
10991	109.90	0.677	0.668	0.668	0.681	0.703	0.726	0.739	0.733	0.713	0.690

Table 7-38-23

TABLE OF CORRECTED ACCELERATION RECORD NO.23

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11001	110.00	0.680	0.694	0.730	0.771	0.794	0.782	0.733	0.673	0.645	0.691
11011	110.10	0.839	1.081	1.377	1.667	1.889	2.006	2.012	1.937	1.828	1.729
11021	110.20	1.671	1.659	1.682	1.719	1.751	1.766	1.761	1.734	1.690	1.634
11031	110.30	1.575	1.526	1.499	1.498	1.512	1.517	1.485	1.395	1.252	1.087
11041	110.40	0.949	0.882	0.905	0.996	1.099	1.148	1.097	0.946	0.743	0.564
11051	110.50	0.481	0.521	0.656	0.817	0.922	0.920	0.816	0.670	0.567	0.573
11061	110.60	0.703	0.909	1.102	1.191	1.126	0.921	0.649	0.405	0.269	0.271
11071	110.70	0.382	0.533	0.652	0.693	0.656	0.578	0.509	0.486	0.516	0.577
11081	110.80	0.631	0.650	0.627	0.579	0.537	0.525	0.549	0.594	0.634	0.647
11091	110.90	0.628	0.590	0.557	0.548	0.571	0.612	0.648	0.659	0.639	0.601
11101	111.00	0.566	0.559	0.588	0.640	0.688	0.700	0.657	0.558	0.422	0.277
11111	111.10	0.147	0.045	-0.035	-0.107	-0.185	-0.275	-0.374	-0.470	-0.555	-0.628
11121	111.20	-0.698	-0.775	-0.866	-0.970	-1.075	-1.170	-1.247	-1.310	-1.372	-1.448
11131	111.30	-1.546	-1.660	-1.773	-1.866	-1.933	-1.982	-2.035	-2.114	-2.228	-2.364
11141	111.40	-2.489	-2.563	-2.565	-2.499	-2.397	-2.308	-2.268	-2.290	-2.349	-2.403
11151	111.50	-2.413	-2.365	-2.281	-2.207	-2.188	-2.244	-2.352	-2.455	-2.483	-2.386
11161	111.60	-2.157	-1.836	-1.489	-1.186	-0.973	-0.860	-0.829	-0.855	-0.915	-1.001
11171	111.70	-1.110	-1.229	-1.328	-1.359	-1.279	-1.068	-0.751	-0.395	-0.086	0.103
11181	111.80	0.144	0.061	-0.072	-0.171	-0.175	-0.065	0.129	0.350	0.541	0.671
11191	111.90	0.740	0.772	0.798	0.830	0.864	0.880	0.858	0.796	0.709	0.627
11201	112.00	0.577	0.569	0.594	0.629	0.647	0.636	0.602	0.565	0.549	0.565
11211	112.10	0.610	0.666	0.711	0.730	0.721	0.697	0.677	0.677	0.699	0.757
11221	112.20	0.776	0.800	0.805	0.794	0.780	0.776	0.789	0.818	0.853	0.883
11231	112.30	0.897	0.895	0.883	0.874	0.878	0.900	0.936	0.974	0.999	1.004
11241	112.40	0.990	0.969	0.961	0.978	1.022	1.081	1.130	1.141	1.099	1.005
11251	112.50	0.879	0.747	0.631	0.540	0.463	0.383	0.288	0.184	0.097	0.063
11261	112.60	0.107	0.224	0.374	0.490	0.507	0.389	0.150	-0.147	-0.411	-0.562
11271	112.70	-0.561	-0.431	-0.240	-0.076	-0.009	-0.064	-0.213	-0.397	-0.552	-0.639
11281	112.80	-0.662	-0.653	-0.659	-0.711	-0.811	-0.930	-1.026	-1.066	-1.038	-0.957
11291	112.90	-0.858	-0.773	-0.724	-0.710	-0.713	-0.714	-0.697	-0.662	-0.617	-0.577
11301	113.00	-0.550	-0.537	-0.529	-0.516	-0.492	-0.456	-0.418	-0.385	-0.361	-0.347
11311	113.10	-0.335	-0.319	-0.293	-0.260	-0.225	-0.194	-0.171	-0.156	-0.142	-0.124
11321	113.20	-0.100	-0.068	-0.034	-0.004	0.019	0.035	0.049	0.065	0.088	0.119
11331	113.30	0.153	0.185	0.210	0.226	0.237	0.248	0.266	0.296	0.336	0.380
11341	113.40	0.417	0.434	0.421	0.373	0.295	0.193	0.083	-0.023	-0.112	-0.180
11351	113.50	-0.226	-0.261	-0.296	-0.345	-0.414	-0.505	-0.607	-0.700	-0.761	-0.772
11361	113.60	-0.723	-0.621	-0.484	-0.340	-0.214	-0.122	-0.064	-0.029	0.003	0.049
11371	113.70	0.117	0.202	0.292	0.372	0.435	0.482	0.526	0.578	0.646	0.728
11381	113.80	0.813	0.890	0.950	0.995	1.038	1.091	1.161	1.248	1.336	1.412
11391	113.90	1.466	1.500	1.533	1.584	1.666	1.775	1.888	1.967	1.981	1.914
11401	114.00	1.774	1.594	1.415	1.274	1.182	1.131	1.092	1.037	0.949	0.833
11411	114.10	0.711	0.612	0.559	0.562	0.607	0.671	0.731	0.768	0.781	0.776
11421	114.20	0.766	0.762	0.765	0.773	0.781	0.785	0.789	0.795	0.809	0.829
11431	114.30	0.846	0.847	0.819	0.753	0.651	0.522	0.379	0.238	0.111	0.005
11441	114.40	-0.078	-0.136	-0.170	-0.180	-0.167	-0.135	-0.093	-0.050	-0.013	0.012
11451	114.50	0.022	0.016	-0.003	-0.038	-0.091	-0.162	-0.252	-0.356	-0.463	-0.562
11461	114.60	-0.645	-0.709	-0.758	-0.804	-0.858	-0.926	-1.008	-1.098	-1.185	-1.259
11471	114.70	-1.320	-1.370	-1.422	-1.484	-1.561	-1.650	-1.741	-1.821	-1.885	-1.933
11481	114.80	-1.977	-2.029	-2.103	-2.202	-2.314	-2.418	-2.486	-2.496	-2.437	-2.314
11491	114.90	-2.150	-1.974	-1.815	-1.695	-1.619	-1.582	-1.570	-1.564	-1.551	-1.525

Table 7-38-24

TABLE OF CORRECTED ACCELERATION RECORD NO.24

INDEX NO. 1230 1302-AB-1-11 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 158.592 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11501	115.00	-1.488	-1.445	-1.402	-1.363	-1.328	-1.295	-1.259	-1.219	-1.177	-1.134
11511	115.10	-1.093	-1.056	-1.022	-0.988	-0.952	-0.912	-0.869	-0.826	-0.785	-0.748
11521	115.20	-0.713	-0.679	-0.642	-0.602	-0.559	-0.515	-0.473	-0.436	-0.401	-0.368
11531	115.30	-0.333	-0.293	-0.246	-0.194	-0.139	-0.084	-0.030	0.022	0.073	0.124
11541	115.40	0.175	0.227	0.279	0.329	0.378	0.426	0.474	0.524	0.577	0.634
11551	115.50	0.693	0.750	0.800	0.836	0.853	0.852	0.836	0.814	0.795	0.787
11561	115.60	0.795	0.815	0.839	0.858	0.867	0.866	0.858	0.854	0.859	0.875
11571	115.70	0.897	0.917	0.928	0.925	0.916	0.908	0.913	0.935	0.967	0.998
11581	115.80	1.009	0.990	0.937	0.856	0.764	0.676	0.602	0.544	0.498	0.452
11591	115.90	0.403	0.347	0.289	0.234	0.184	0.137	0.087	0.028	-0.039	-0.108
11601	116.00	-0.166	-0.199	-0.201	-0.173	-0.126	-0.077	-0.039	-0.020	-0.018	-0.025
11611	116.10	-0.030	-0.027	-0.014	0.004	0.022	0.034	0.039	0.042	0.046	0.054
11621	116.20	0.068	0.082	0.095	0.102	0.106	0.110	0.118	0.132	0.150	0.165
11631	116.30	0.174	0.174	0.168	0.164	0.175	0.210	0.275	0.369	0.482	0.602
11641	116.40	0.717	0.817	0.900	0.967	1.025	1.082	1.146	1.225	1.319	1.426
11651	116.50	1.535	1.633	1.700	1.721	1.685	1.591	1.452	1.290	1.134	1.010
11661	116.60	0.937	0.921	0.951	1.009	1.071	1.119	1.145	1.148	1.140	1.132
11671	116.70	1.134	1.148	1.170	1.191	1.204	1.206	1.201	1.195	1.196	1.209
11681	116.80	1.232	1.256	1.273	1.276	1.267	1.253	1.246	1.256	1.285	1.325
11691	116.90	1.358	1.366	1.332	1.252	1.137	1.003	0.873	0.761	0.672	0.599
11701	117.00	0.530	0.454	0.368	0.277	0.188	0.109	0.038	-0.032	-0.114	-0.213
11711	117.10	-0.326	-0.435	-0.518	-0.558	-0.552	-0.515	-0.476	-0.464	-0.498	-0.579
11721	117.20	-0.688	-0.796	-0.881	-0.935	-0.966	-0.993	-1.034	-1.096	-1.175	-1.253
11731	117.30	-1.318	-1.366	-1.403	-1.443	-1.499	-1.571	-1.650	-1.723	-1.779	-1.819
11741	117.40	-1.854	-1.900	-1.966	-2.048	-2.132	-2.201	-2.246	-2.277	-2.311	-2.368
11751	117.50	-2.453	-2.548	-2.622	-2.643	-2.597	-2.500	-2.391	-2.315	-2.298	-2.337
11761	117.60	-2.396	-2.432	-2.413	-2.344	-2.256	-2.194	-2.190	-2.240	-2.309	-2.347
11771	117.70	-2.324	-2.243	-2.143	-2.072	-2.060	-2.091	-2.113	-2.061	-1.903	-1.661
11781	117.80	-1.408	-1.237	-1.203	-1.291	-1.418	-1.475	-1.387	-1.170	-0.932	-0.824
11791	117.90	-0.958	-1.330	-1.790	-2.089	-1.982	-1.344	-0.244	1.063	2.224	2.927

Table 7-39-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.0	0.0	0.0	0.0	-2.052	-7.067	-6.843	-1.407	6.029	10.542
11	0.10	8.049	-2.336	-17.457	-31.315	-37.828	-33.798	-20.564	-3.458	10.716	16.900
21	0.20	14.080	5.461	-3.528	-8.320	-7.714	-4.430	-3.384	-8.599	-20.468	-34.921
31	0.30	-45.102	-44.809	-31.954	-10.207	12.179	25.936	25.085	9.878	-13.101	-33.804
41	0.40	-43.217	-37.374	-18.988	4.016	22.304	29.394	24.364	11.790	-0.892	-7.173
51	0.50	-4.505	4.860	15.487	21.834	21.132	14.582	6.329	0.904	0.562	4.006
61	0.60	7.177	5.665	-2.595	-15.839	-29.056	-36.461	-34.389	-23.384	-8.037	5.225
71	0.70	11.339	9.138	1.869	-4.604	-5.003	2.433	14.861	26.211	30.374	24.550
81	0.80	10.998	-3.794	-12.179	-9.138	5.139	25.214	42.960	51.444	48.199	36.229
91	0.90	22.306	13.439	13.349	20.720	30.049	34.574	29.717	15.273	-4.686	-24.009
101	1.00	-37.489	-43.099	-42.347	-38.730	-35.327	-32.960	-29.957	-23.575	-12.163	3.263
111	1.10	19.047	30.534	34.447	30.749	22.579	14.828	11.526	13.836	19.599	24.690
121	1.20	25.387	20.418	11.546	2.363	-3.984	-6.826	-8.549	-13.316	-24.558	-42.585
131	1.30	-63.645	-81.035	-87.813	-79.841	-57.701	-26.599	5.651	31.579	46.621	50.247
141	1.40	45.381	36.660	28.459	23.551	22.764	25.434	30.139	35.261	39.223	40.582
151	1.50	38.251	31.944	22.627	12.560	4.640	1.112	2.196	5.418	6.211	-0.188
161	1.60	-16.270	-40.344	-66.265	-85.208	-88.976	-73.513	-41.107	-0.178	37.423	60.635
171	1.70	63.252	46.197	17.092	-12.696	-32.319	-35.327	-21.706	2.621	28.441	46.887
181	1.80	52.574	45.108	28.538	9.226	-6.861	-16.296	-19.020	-17.702	-16.121	-17.387
191	1.90	-22.741	-31.330	-40.859	-48.649	-52.569	-51.482	-45.194	-34.157	-19.247	-1.807
201	2.00	16.160	31.928	42.421	45.062	38.845	25.098	7.456	-9.117	-19.980	-22.466
211	2.10	-16.805	-5.875	6.104	15.349	19.929	20.202	18.150	16.058	15.267	15.653
221	2.20	16.038	15.187	12.757	9.579	7.108	6.378	7.135	7.733	5.953	0.344
231	2.30	-8.685	-18.689	-26.143	-28.104	-23.712	-14.701	-4.592	3.065	6.495	6.574
241	2.40	6.276	8.952	16.320	27.255	38.062	44.139	42.213	32.014	16.516	0.611
251	2.50	-11.101	-16.310	-15.772	-12.527	-9.997	-10.024	-11.853	-12.630	-9.127	0.197
261	2.60	13.886	27.649	35.992	34.582	22.279	1.890	-20.693	-38.602	-46.481	-42.336
271	2.70	-28.087	-8.707	9.624	21.582	24.263	17.788	4.899	-10.168	-23.070	-30.559
281	2.80	-31.190	-25.440	-15.364	-3.820	6.209	12.303	12.980	7.831	-2.550	-16.729
291	2.90	-32.611	-47.630	-59.007	-64.174	-61.362	-50.243	-32.387	-11.228	8.607	22.560
301	3.00	27.622	23.489	12.884	0.803	-7.137	-6.683	3.504	21.331	42.029	59.868
311	3.10	70.170	70.819	62.718	49.100	34.052	20.915	11.228	4.563	-0.775	-6.599
321	3.20	-13.775	-21.726	-28.681	-32.527	-31.902	-27.049	-20.063	-14.382	-13.637	-20.192
331	3.30	-33.885	-51.448	-66.967	-73.403	-64.866	-38.936	1.777	49.585	93.439	122.055
341	3.40	127.504	107.976	68.642	20.138	-24.865	-55.801	-67.492	-61.344	-44.038	-24.350
351	3.50	-9.500	-2.573	-2.046	-3.460	-2.314	3.281	11.472	17.588	16.614	5.990
361	3.60	-12.664	-33.772	-49.903	-54.826	-46.115	-26.167	-1.220	21.156	34.939	37.708
371	3.70	31.092	19.593	8.478	1.703	0.706	4.389	10.063	14.747	16.246	13.631
381	3.80	7.162	-2.089	-12.597	-22.589	-30.147	-33.396	-30.913	-22.303	-8.708	7.095
391	3.90	21.179	29.541	29.400	20.268	4.346	-13.971	-29.352	-37.155	-34.882	-22.975
401	4.00	-4.696	14.881	30.444	38.097	36.573	27.598	15.261	4.568	-0.370	2.106
411	4.10	10.491	20.556	26.867	24.860	12.728	-7.624	-30.983	-50.471	-59.876	-55.795
421	4.20	-38.810	-13.291	14.062	36.361	48.590	48.896	38.799	22.386	4.894	-8.824
431	4.30	-15.514	-14.192	-6.187	5.345	16.326	22.885	22.494	14.807	1.923	-12.106
441	4.40	-22.495	-25.306	-18.880	-4.534	13.784	30.806	41.754	43.917	37.411	24.832
451	4.50	10.042	-3.361	-13.201	-19.090	-21.963	-23.151	-23.519	-22.122	-21.456	-18.093
461	4.60	-13.250	-7.925	-3.519	-1.139	-0.994	-2.245	-3.397	-3.058	-0.638	3.357
471	4.70	7.610	10.680	11.722	10.862	9.041	7.432	6.782	7.052	7.546	7.460
481	4.80	6.494	5.165	4.570	5.691	8.592	11.980	13.469	10.528	1.767	-12.046
491	4.90	-27.768	-40.691	-46.170	-41.454	-26.967	-6.455	14.151	28.772	33.370	27.420

Table 7-39-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	14.064	-1.125	-12.312	-15.641	-10.643	-0.262	10.504	16.782	15.883	8.392
511	5.10	-2.176	-10.988	-14.046	-9.954	-0.499	10.183	17.472	18.304	12.462	2.552
521	5.20	-7.286	-13.305	-13.798	-9.701	-3.915	0.270	0.845	-1.993	-6.083	-8.568
531	5.30	-7.477	-2.830	3.346	8.048	8.880	5.318	-0.954	-6.843	-9.346	-6.994
541	5.40	-0.508	7.623	14.407	17.751	17.304	14.334	10.777	8.048	6.289	4.482
551	5.50	1.337	-3.585	-9.191	-13.086	-12.672	-6.576	4.335	16.931	26.893	30.416
561	5.60	25.778	14.068	-1.250	-15.695	-25.430	-28.497	-25.205	-17.616	-8.533	-0.487
571	5.70	4.890	6.984	5.979	2.574	-2.203	-7.067	-10.596	-11.515	-9.159	-3.882
581	5.80	2.838	8.789	11.834	10.806	6.060	-0.633	-6.838	-10.519	-10.906	-8.731
591	5.90	-5.742	-3.753	-3.722	-5.349	-7.344	-8.220	-7.123	-4.292	-0.881	1.685
601	6.00	2.475	1.494	-0.403	-2.041	-2.560	-1.811	-0.300	1.230	2.286	2.873
611	6.10	3.380	4.187	5.304	6.269	6.421	5.364	3.210	0.757	-1.124	-1.955
621	6.20	-2.028	-2.299	-3.817	-7.003	-11.209	-14.898	-16.399	-14.890	-11.036	-6.866
631	6.30	-4.848	-6.589	-11.834	-18.344	-22.824	-22.509	-16.645	-7.089	2.350	7.565
641	6.40	6.063	-1.805	-12.904	-22.654	-27.042	-24.336	-15.714	-4.535	5.344	11.366
651	6.50	13.310	13.102	13.557	16.733	22.752	29.670	34.428	34.383	28.652	18.594
661	6.60	7.249	-1.966	-6.633	-6.146	-1.635	4.838	11.309	16.605	20.387	22.627
671	6.70	22.957	20.384	13.646	2.095	-13.390	-30.028	-43.676	-50.187	-47.058	-34.624
681	6.80	-16.202	2.960	17.537	24.005	21.770	13.098	1.959	-7.652	-13.143	-13.938
691	6.90	-11.123	-6.474	-1.445	3.344	7.921	12.321	15.950	17.453	15.229	8.380
701	7.00	-2.423	-14.708	-24.813	-29.198	-25.883	-15.372	-0.618	14.004	24.282	27.678
711	7.10	24.140	15.943	6.665	-0.214	-2.543	-0.098	5.580	11.956	16.522	17.664
721	7.20	15.114	9.869	3.697	-1.577	-4.747	-5.842	-5.143	-4.795	-6.123	-9.916
731	7.30	-15.736	-21.910	-26.050	-25.964	-20.597	-10.610	1.692	13.104	20.641	22.701
741	7.40	19.405	12.585	4.831	-1.577	-5.515	-7.241	-7.981	-9.107	-11.365	-14.508
751	7.50	-17.478	-18.973	-18.083	-14.647	-9.212	-2.677	4.112	10.572	16.309	20.874
761	7.60	23.598	23.700	20.696	14.910	7.759	1.567	-1.149	1.340	9.127	20.391
771	7.70	31.856	39.861	41.645	36.329	25.216	11.313	-1.719	-10.768	-14.186	-12.127
781	7.80	-6.273	0.891	6.926	10.125	9.851	6.482	1.072	-5.105	-10.959	-15.801
791	7.90	-19.368	-21.668	-22.771	-22.656	-21.190	-18.258	-13.964	-8.801	-3.663	0.342
801	8.00	2.222	1.447	-1.844	-6.876	-12.500	-17.554	-21.157	-22.823	-22.364	-19.702
811	8.10	-14.745	-7.447	1.956	12.676	23.269	31.848	36.605	36.456	31.529	23.247
821	8.20	13.921	6.010	1.328	0.533	3.085	7.635	12.632	16.858	19.673	20.935
831	8.30	20.723	19.085	15.964	11.348	5.471	-1.030	-7.205	-12.081	-15.018	-15.934
841	8.40	-15.281	-13.773	-12.024	-10.309	-8.565	-6.637	-4.605	-2.967	-2.536	-4.067
851	8.50	-7.781	-13.076	-18.596	-22.686	-24.056	-22.328	-18.205	-13.158	-8.762	-6.007
861	8.60	-4.909	-4.618	-3.960	-2.138	0.774	3.828	5.680	5.349	2.835	-0.724
871	8.70	-3.497	-3.810	-1.004	4.131	9.598	13.039	12.794	8.690	2.146	-4.454
881	8.80	-8.850	-9.932	-8.198	-5.433	-3.749	-4.472	-7.443	-11.071	-13.139	-11.946
891	8.90	-7.216	-0.309	6.385	10.565	11.097	8.517	4.722	2.009	1.964	4.735
901	9.00	9.035	12.811	14.221	12.409	7.740	1.446	-5.030	-10.619	-14.837	-17.622
911	9.10	-18.995	-18.878	-17.215	-14.321	-11.156	-9.217	-9.936	-13.838	-19.908	-25.625
921	9.20	-27.828	-24.109	-14.106	0.004	14.149	23.953	26.593	22.027	13.015	3.889
931	9.30	-1.345	-0.667	5.304	13.918	21.967	27.229	29.278	29.223	28.609	28.188
941	9.40	27.309	24.294	17.591	7.022	-5.629	-17.100	-24.037	-24.576	-19.304	-11.065
951	9.50	-3.673	-0.169	-1.484	-6.147	-11.262	-13.857	-12.493	-7.732	-1.676	3.253
961	9.60	5.563	5.333	3.946	3.152	4.013	6.331	8.837	9.980	8.841	5.644
971	9.70	1.612	-1.707	-3.242	-2.852	-1.226	0.673	2.236	3.517	5.060	7.361
981	9.80	10.352	13.250	14.900	14.441	11.870	8.167	4.838	3.115	3.243	4.287
991	9.90	4.600	2.728	-1.718	-7.712	-13.198	-16.040	-15.048	-10.575	-4.354	1.306

Table 7-39-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	4.555	4.746	2.530	-0.681	-3.549	-5.465	-6.691	-7.958	-9.812	-12.127
1011	10.10	-14.094	-14.695	-13.363	-10.433	-7.076	-4.715	-4.258	-5.570	-7.526	-8.653
1021	10.20	-8.020	-5.873	-3.638	-3.208	-5.865	-11.404	-17.938	-22.592	-22.769	-17.418
1031	10.30	-7.653	3.597	12.793	17.292	16.450	11.814	6.322	2.909	3.182	6.787
1041	10.40	11.743	15.528	16.380	14.163	10.401	7.496	7.517	11.172	17.443	24.024
1051	10.50	28.357	28.731	24.978	18.434	11.266	5.486	2.143	1.027	0.979	0.606
1061	10.60	-0.978	-5.734	-6.778	-8.894	-9.195	-7.598	-4.908	-2.455	-1.485	-2.579
1071	10.70	-5.375	-8.709	-11.112	-11.436	-9.337	-5.422	-0.984	2.524	4.079	3.468
1081	10.80	1.329	-1.165	-2.831	-2.971	-1.647	0.403	2.126	2.655	1.699	-0.337
1091	10.90	-2.565	-4.047	-4.241	-3.256	-1.771	-0.681	-0.618	-1.596	-2.968	-3.720
1101	11.00	-2.982	-0.503	3.140	6.732	8.920	8.803	6.348	2.409	-1.632	-4.455
1111	11.10	-5.321	-4.310	-2.159	0.166	1.940	2.936	3.363	3.544	3.550	3.040
1121	11.20	1.420	-1.741	-6.270	-11.202	-15.001	-16.150	-13.845	-8.455	-1.495	4.935
1131	11.30	8.989	9.839	7.992	5.009	2.759	2.546	4.517	7.618	10.103	10.338
1141	11.40	7.528	2.038	-4.806	-11.312	-16.103	-18.584	-18.997	-18.111	-16.714	-15.208
1151	11.50	-13.447	-10.911	-7.054	-1.679	4.848	11.636	17.492	21.275	22.215	20.149
1161	11.60	15.591	9.651	3.801	-0.492	-2.187	-1.039	2.208	5.949	8.172	7.154
1171	11.70	2.140	-6.257	-16.150	-24.986	-30.449	-31.320	-27.906	-21.863	-15.468	-10.671
1181	11.80	-8.343	-8.058	-8.492	-8.222	-6.517	-3.740	-1.140	-0.148	-1.531	-4.841
1191	11.90	-8.450	-10.201	-8.376	-2.561	6.136	15.265	22.146	24.837	22.891	17.469
1201	12.00	10.794	5.191	2.168	1.891	3.289	4.671	4.570	2.431	-1.160	-4.767
1211	12.10	-6.762	-6.051	-2.556	2.753	8.247	12.279	13.785	12.633	9.565	5.830
1221	12.20	2.654	0.794	0.344	0.843	1.600	2.078	2.146	2.098	2.447	3.595
1231	12.30	5.549	7.831	9.615	10.066	8.709	5.686	1.762	-1.916	-4.225	-4.479
1241	12.40	-2.678	0.500	3.953	-6.550	7.506	6.616	4.251	1.172	-1.763	-3.871
1251	12.50	-4.799	-4.566	-3.374	-1.676	0.130	1.676	2.676	2.966	2.547	1.635
1261	12.60	0.656	0.157	0.624	2.256	4.802	7.548	9.505	9.768	7.820	4.137
1271	12.70	-0.537	-4.791	-7.386	-7.653	-5.748	-2.578	0.581	2.588	2.863	1.539
1281	12.80	-0.707	-3.021	-4.769	-5.746	-6.118	-6.170	-6.016	-5.474	-4.187	-1.930
1291	12.90	1.064	3.995	5.702	5.141	1.929	-3.341	-9.186	-13.743	-15.495	-13.902
1301	13.00	-9.635	-4.306	0.200	2.482	2.144	-0.150	-3.070	-5.272	-5.965	-5.170
1311	13.10	-3.552	-1.979	-1.036	-0.743	-0.601	0.102	1.898	4.867	8.608	12.414
1321	13.20	15.550	17.449	17.784	16.401	13.256	8.422	2.211	-4.688	-11.192	-16.031
1331	13.30	-18.157	-17.203	-13.756	-9.256	-5.505	-3.940	-5.010	-7.938	-11.026	-12.389
1341	13.40	-10.806	-6.286	-0.109	5.738	9.420	10.055	8.057	4.877	2.281	1.496
1351	13.50	2.646	4.742	6.210	5.693	2.745	-1.923	-6.756	-10.051	-10.719	-8.733
1361	13.60	-5.078	-1.252	1.435	2.406	1.979	1.078	0.694	1.351	2.865	4.490
1371	13.70	5.339	4.866	3.140	0.793	-1.317	-2.540	-2.722	-2.202	-1.541	-1.132
1381	13.80	-0.933	-0.470	0.876	3.443	6.969	10.564	13.029	13.379	11.333	7.517
1391	13.90	3.261	0.071	-0.994	0.245	3.044	6.089	8.081	8.280	6.752	4.245
1401	14.00	1.760	0.065	-0.617	-0.610	-0.497	-0.726	-1.338	-1.955	-2.051	-1.337
1411	14.10	-0.041	1.076	1.018	-0.973	-5.000	-10.362	-15.768	-19.822	-21.570	-20.851
1421	14.20	-18.296	-14.997	-12.001	-9.881	-8.584	-7.601	-6.362	-4.627	-2.673	-1.171
1431	14.30	-0.823	-1.946	-4.220	-6.744	-8.385	-8.253	-6.091	-2.378	1.883	5.597
1441	14.40	8.018	8.999	8.943	8.509	8.229	8.244	8.275	7.843	6.596	4.571
1451	14.50	2.245	0.340	-0.518	-0.103	1.282	2.933	4.063	4.148	3.147	1.490
1461	14.60	-0.141	-1.128	-1.168	-0.346	0.968	2.335	3.446	4.197	4.640	4.853
1471	14.70	4.839	4.526	3.859	2.930	2.023	1.527	1.728	2.588	3.656	4.184
1481	14.80	3.447	1.128	-2.411	-6.146	-8.704	-8.891	-6.194	-1.051	5.249	10.998
1491	14.90	14.659	15.379	13.222	9.056	4.175	-0.158	-3.076	-4.255	-3.846	-2.284

Table 7-39-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.097	2.213	4.209	5.516	5.854	5.109	3.624	1.220	-0.880	-2.254
1511	15.10	-2.508	-1.645	-0.061	1.615	2.791	3.151	2.752	1.943	1.149	0.643
1521	15.20	0.427	0.264	-0.148	-0.992	-2.222	-3.601	-4.850	-5.802	-6.479	-7.029
1531	15.30	-7.572	-8.050	-8.188	-7.614	-6.075	-3.634	-0.736	1.928	3.690	4.181
1541	15.40	3.464	1.960	0.206	-1.419	-2.851	-4.275	-5.898	-7.687	-9.248	-9.940
1551	15.50	-9.191	-6.854	-3.404	0.165	2.718	3.476	2.380	0.144	-2.043	-3.036
1561	15.60	-2.220	0.263	3.643	6.921	9.337	10.655	11.155	11.361	11.679	12.161
1571	15.70	12.517	12.343	11.430	9.930	8.287	6.954	6.073	5.307	3.973	1.416
1581	15.80	-2.553	-7.608	-12.011	-15.056	-15.655	-13.788	-10.373	-6.907	-4.825	-4.876
1591	15.90	-6.814	-9.530	-11.578	-11.822	-9.928	-6.461	-2.594	0.432	1.821	1.491
1601	16.00	0.006	-1.751	-2.990	-3.306	-2.760	-1.742	-0.744	-0.151	-0.130	-0.645
1611	16.10	-1.518	-2.496	-3.280	-3.555	-3.041	-1.591	0.702	3.446	6.015	7.743
1621	16.20	8.184	7.311	5.556	3.660	2.252	1.747	1.986	2.442	2.495	1.798
1631	16.30	0.505	-0.766	-1.220	-0.312	1.923	4.790	7.176	8.006	6.717	3.525
1641	16.40	-0.627	-4.430	-6.706	-6.836	-4.950	-1.818	1.481	3.954	5.001	4.536
1651	16.50	2.915	0.746	-1.321	-2.760	-3.252	-2.712	-1.284	0.692	2.739	4.333
1661	16.60	5.033	4.613	3.135	0.947	-1.436	-3.490	-4.836	-5.315	-4.966	-3.929
1671	16.70	-2.342	-0.303	2.099	4.699	7.194	9.162	10.184	10.010	8.690	6.587
1681	16.80	4.249	2.198	0.728	-0.183	-0.792	-1.611	-2.211	-3.127	-3.924	-4.376
1691	16.90	-4.451	-4.383	-4.562	-5.301	-6.591	-8.004	-8.835	-8.422	-6.521	-3.518
1701	17.00	-0.350	1.854	2.282	0.846	-1.712	-4.088	-4.955	-3.536	0.046	4.809
1711	17.10	9.319	12.278	13.042	11.828	9.546	7.364	6.197	6.372	7.579	9.105
1721	17.20	10.199	10.390	9.616	8.140	6.334	4.466	2.600	0.650	-1.480	-3.762
1731	17.30	-5.997	-7.895	-9.211	-9.877	-10.026	-9.918	-9.788	-9.725	-9.630	-9.283
1741	17.40	-8.484	-7.180	-5.513	-3.768	-2.247	-1.149	-0.511	-0.240	-0.221	-0.409
1751	17.50	-0.868	-1.721	-3.022	-4.649	-6.260	-7.367	-7.515	-6.477	-4.397	-1.796
1761	17.60	0.557	1.889	1.675	-0.177	-3.282	-6.881	-10.052	-11.961	-12.073	-10.266
1771	17.70	-6.836	-2.398	2.276	6.425	9.439	10.952	10.866	9.342	6.748	3.593
1781	17.80	0.454	-2.107	-3.637	-3.885	-2.869	-0.900	1.464	3.546	4.729	4.637
1791	17.90	3.257	0.946	-1.681	-3.957	-5.382	-5.776	-5.302	-4.370	-3.446	-2.875
1801	18.00	-2.777	-3.068	-3.561	-4.103	-4.657	-5.284	-6.048	-6.893	-7.588	-7.783
1811	18.10	-7.160	-5.634	-3.463	-1.223	0.391	0.854	0.072	-1.515	-3.048	-3.559
1821	18.20	-2.348	0.719	5.127	9.867	13.788	15.975	16.039	14.182	11.066	7.536
1831	18.30	4.339	1.933	0.446	-0.233	-0.321	-0.012	0.566	1.337	2.236	3.174
1841	18.40	4.056	4.817	5.463	6.060	6.693	7.384	8.051	8.514	8.575	8.121
1851	18.50	7.213	6.085	5.070	4.452	4.341	4.613	4.959	5.023	4.560	3.555
1861	18.60	2.233	0.970	0.136	-0.049	0.402	1.254	2.146	2.722	2.742	2.151
1871	18.70	1.084	-0.177	-1.283	-1.906	-1.832	-1.037	0.279	1.713	2.769	3.027
1881	18.80	2.322	0.862	-0.784	-1.862	-1.723	-0.121	2.613	5.622	7.797	8.206
1891	18.90	6.479	2.996	-1.225	-4.913	-7.045	-7.259	-5.984	-4.240	-3.178	-3.558
1901	19.00	-5.408	-7.993	-10.135	-10.726	-9.219	-5.883	-1.715	1.957	3.997	3.901
1911	19.10	1.970	-0.841	-3.322	-4.473	-3.860	-1.716	1.210	3.979	5.810	6.317
1921	19.20	5.554	3.905	1.868	-0.129	-1.836	-3.171	-4.143	-4.757	-4.973	-4.716
1931	19.30	-3.943	-2.714	-1.215	0.268	1.422	1.996	1.872	1.080	-0.216	-1.770
1941	19.40	-3.310	-4.583	-5.390	-5.617	-5.262	-4.449	-3.423	-2.499	-1.979	-2.049
1951	19.50	-2.702	-3.725	-4.758	-5.426	-5.476	-4.886	-3.870	-2.796	-2.038	-1.829
1961	19.60	-3.177	-2.880	-3.617	-4.091	-4.130	-3.726	-3.000	-2.110	-1.179	-0.260
1971	19.70	0.635	1.682	2.195	2.636	2.674	2.270	1.560	0.743	0.204	0.181
1981	19.80	0.750	1.772	2.938	3.910	4.466	4.593	4.494	4.483	4.849	5.721
1991	19.90	7.023	8.508	9.863	10.851	11.277	11.202	10.689	9.836	8.710	7.347

Table 7-39-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	5.783	4.091	2.390	0.806	-0.579	-1.771	-2.856	-3.961	-5.064	-6.138
2011	20.10	-6.961	-7.313	-7.089	-6.419	-5.671	-5.341	-5.842	-7.290	-9.390	-11.500
2021	20.20	-12.860	-12.893	-11.462	-8.966	-6.092	-3.705	-2.310	-1.928	-2.087	-2.055
2031	20.30	-1.190	0.752	3.494	6.357	8.555	9.537	9.199	7.896	6.240	4.801
2041	20.40	3.867	3.355	2.926	2.203	1.003	-0.567	-2.162	-3.388	-3.998	-4.007
2051	20.50	-3.667	-3.327	-3.260	-3.550	-4.088	-4.667	-5.103	-5.316	-5.323	-5.162
2061	20.60	-4.814	-4.173	-3.108	-1.567	0.325	2.257	3.837	4.751	4.911	4.512
2071	20.70	3.937	3.584	3.667	4.119	4.622	4.760	4.217	2.912	1.026	-1.095
2081	20.80	-3.085	-4.687	-5.798	-6.426	-6.616	-6.382	-5.711	-4.609	-3.166	-1.583
2091	20.90	-0.127	0.949	1.498	1.509	1.085	0.373	-0.502	-1.446	-2.365	-3.117
2101	21.00	-3.501	-3.324	-2.509	-1.196	0.258	1.387	1.831	1.532	0.807	0.246
2111	21.10	0.445	1.721	3.925	6.485	8.661	9.887	10.043	9.499	8.909	8.857
2121	21.20	9.532	10.612	11.417	11.262	9.830	7.369	4.617	2.478	1.615	2.151
2131	21.30	3.630	5.234	6.149	5.903	4.519	2.442	0.299	-1.368	-2.272	-2.405
2141	21.40	-1.941	-1.105	-0.099	0.901	1.703	2.084	1.837	0.882	-0.638	-2.346
2151	21.50	-3.746	-4.429	-4.268	-3.504	-2.449	-2.265	-2.691	-3.886	-5.445	-6.794
2161	21.60	-7.465	-7.297	-6.492	-5.477	-4.675	-4.293	-4.247	-4.243	-3.965	-3.263
2171	21.70	-2.231	-1.152	-0.337	0.030	-0.029	-0.324	-0.631	-0.813	-0.886	-0.976
2181	21.80	-1.205	-1.588	-2.004	-2.254	-2.188	-1.809	-1.305	-0.969	-1.054	-1.636
2191	21.90	-2.561	-3.496	-4.069	-4.033	-3.357	-2.234	-0.986	0.069	0.727	0.942
2201	22.00	0.805	0.474	0.108	-0.181	-0.339	-0.355	-0.251	-0.077	0.103	0.225
2211	22.10	0.261	0.242	0.278	0.521	1.090	1.995	3.081	4.050	4.564	4.380
2221	22.20	3.482	2.125	0.766	-0.095	-0.106	0.798	2.363	4.110	5.515	6.202
2231	22.30	6.066	5.290	4.251	3.361	2.910	2.955	3.309	3.606	3.432	2.461
2241	22.40	0.573	-2.093	-5.158	-8.097	-10.377	-11.611	-11.671	-10.721	-9.158	-7.469
2251	22.50	-6.055	-5.100	-4.517	-4.019	-3.272	-2.065	-0.427	1.371	2.923	3.866
2261	22.60	4.033	3.530	2.683	1.899	1.487	1.548	1.949	2.422	2.705	2.678
2271	22.70	2.424	2.181	2.236	2.785	3.843	5.230	6.634	7.719	8.234	8.093
2281	22.80	7.389	6.367	5.363	4.714	4.671	5.319	6.519	7.906	8.955	9.123
2291	22.90	8.025	5.596	2.167	-1.595	-4.884	-7.023	-7.711	-7.140	-5.929	-4.884
2301	23.00	-4.689	-5.633	-7.508	-9.699	-11.643	-12.132	-11.535	-9.860	-7.624	-5.421
2311	23.10	-3.675	-2.507	-1.743	-1.057	-0.160	1.049	2.439	3.714	4.545	4.715
2321	23.20	4.189	3.118	1.768	0.432	-0.651	-1.335	-1.571	-1.404	-0.950	-0.384
2331	23.30	0.089	0.277	0.066	-0.529	-1.349	-2.128	-2.585	-2.533	-1.960	-1.038
2341	23.40	-0.055	0.712	1.114	1.199	1.184	1.352	1.912	2.894	4.121	5.266
2351	23.50	5.978	6.008	5.296	3.979	2.326	0.635	-0.861	-2.056	-2.969	-3.701
2361	23.60	-4.374	-5.070	-5.800	-6.497	-7.038	-7.281	-7.109	-6.464	-5.362	-3.892
2371	23.70	-2.185	-0.373	1.448	3.232	4.981	6.703	8.370	9.898	11.150	11.983
2381	23.80	12.309	12.137	11.583	10.826	10.032	9.287	8.561	7.731	6.644	5.204
2391	23.90	3.423	1.432	-0.564	-2.352	-3.771	-4.742	-5.259	-5.362	-5.117	-4.615
2401	24.00	-3.978	-3.370	-2.968	-2.904	-3.196	-3.701	-4.133	-4.159	-3.536	-2.238
2411	24.10	-0.510	1.180	2.301	2.441	1.462	-0.453	-2.874	-5.282	-7.242	-8.520
2421	24.20	-9.099	-9.112	-8.733	-8.091	-7.242	-6.214	-5.063	-3.927	-3.002	-2.483
2431	24.30	-2.473	-2.918	-3.617	-4.287	-4.673	-4.866	-4.241	-3.626	-3.019	-2.594
2441	24.40	-2.413	-2.415	-2.460	-2.397	-2.125	-1.632	-0.991	-0.332	0.201	0.497
2451	24.50	0.507	0.269	-0.092	-0.381	-0.378	0.095	1.105	2.563	4.231	5.774
2461	24.60	6.868	7.304	7.059	6.296	5.298	4.351	3.650	3.243	3.055	2.952
2471	24.70	2.825	2.641	2.427	2.221	2.002	1.666	1.051	0.015	-1.471	-3.267
2481	24.80	-5.080	-6.541	-7.324	-7.252	-6.344	-4.791	-2.885	-0.926	0.846	2.272
2491	24.90	3.267	3.793	3.841	3.438	2.659	1.630	0.523	-0.492	-1.282	-1.784

Table 7-39-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-2.002	-1.985	-1.785	-1.444	-0.995	-0.490	-0.022	0.283	0.302	-0.024
2511	25.10	-0.643	-1.386	-2.025	-2.358	-2.301	-1.922	-1.411	-0.989	-0.796	-0.831
2521	25.20	-0.951	-0.950	-0.664	-0.052	0.799	1.727	2.596	3.375	4.152	5.072
2531	25.30	6.235	7.599	8.962	10.023	10.500	10.258	9.375	8.110	6.803	5.735
2541	25.40	5.026	4.611	4.292	3.850	3.148	2.190	1.108	0.104	-0.641	-1.025
2551	25.50	-1.054	-0.829	-0.499	-0.220	-0.109	-0.220	-0.533	-0.954	-1.338	-1.526
2561	25.60	-1.398	-0.923	-0.180	0.658	1.380	1.813	1.882	1.621	1.136	0.521
2571	25.70	-0.206	-1.131	-2.393	-4.091	-6.192	-8.478	-10.594	-12.160	-12.915	-12.814
2581	25.80	-12.038	-10.906	-9.724	-8.656	-7.664	-6.549	-5.075	-3.103	-0.679	1.964
2591	25.90	4.490	6.579	8.023	8.764	8.860	8.421	7.557	6.356	4.918	3.391
2601	26.00	1.989	0.956	0.488	0.650	1.326	2.244	3.070	3.523	3.479	3.003
2611	26.10	2.303	1.630	1.178	1.033	1.074	1.223	1.323	1.292	1.121	0.857
2621	26.20	0.560	0.283	0.063	-0.057	-0.015	0.272	0.865	1.763	2.854	3.926
2631	26.30	4.716	5.009	4.723	3.967	3.011	2.193	1.786	1.880	2.337	2.833
2641	26.40	2.988	2.515	1.348	-0.329	-2.144	-3.676	-4.616	-4.873	-4.582	-4.026
2651	26.50	-3.496	-3.162	-3.013	-2.899	-2.635	-2.134	-1.482	-0.910	-0.686	-0.962
2661	26.60	-1.659	-2.458	-2.908	-2.617	-1.440	0.434	2.523	4.231	5.072	4.860
2671	26.70	3.761	2.210	0.718	-0.325	-0.774	-0.728	-0.426	-0.088	0.186	0.443
2681	26.80	0.802	1.343	2.026	2.693	3.146	3.258	3.060	2.729	2.505	2.552
2691	26.90	2.857	3.214	3.312	2.872	1.791	0.188	-1.637	-3.333	-4.633	-5.435
2701	27.00	-5.805	-5.889	-5.821	-5.655	-5.366	-4.909	-4.290	-3.597	-2.969	-2.525
2711	27.10	-2.286	-2.153	-1.956	-1.547	-0.895	-0.119	0.564	0.947	0.946	0.650
2721	27.20	0.278	0.065	0.129	0.406	0.673	0.670	0.233	-0.613	-1.669	-2.669
2731	27.30	-3.424	-3.933	-4.379	-5.033	-6.094	-7.572	-9.260	-10.819	-11.944	-12.498
2741	27.40	-12.580	-12.456	-12.424	-12.662	-13.151	-13.703	-14.076	-14.110	-13.796	-13.269
2751	27.50	-12.655	-12.036	-11.297	-10.201	-8.497	-6.071	-3.034	0.281	3.440	6.061
2761	27.60	7.949	9.138	9.820	10.230	10.522	10.726	10.776	10.607	10.234	9.778
2771	27.70	9.413	9.266	9.336	9.468	9.419	8.972	8.054	6.772	5.382	4.169
2781	27.80	3.331	2.908	2.793	2.815	2.840	2.834	2.864	3.025	3.355	3.790
2791	27.90	4.179	4.365	4.281	4.001	3.718	3.642	3.883	4.365	4.836	4.964
2801	28.00	4.487	3.336	1.678	-0.153	-1.794	-3.012	-3.788	-4.300	-4.816	-5.545
2811	28.10	-6.520	-7.570	-8.391	-8.675	-8.232	-7.060	-5.320	-3.250	-1.066	1.106
2821	28.20	3.222	5.273	7.215	8.931	10.265	11.077	11.327	11.103	10.586	9.964
2831	28.30	9.339	8.680	7.857	6.739	5.317	3.766	2.419	1.665	1.680	2.507
2841	28.40	3.842	5.236	6.274	6.746	6.727	6.514	6.447	6.708	7.198	7.568
2851	28.50	7.389	6.376	4.570	2.359	0.327	-0.996	-1.374	-0.375	-0.289	0.100
2861	28.60	-0.221	-1.314	-2.885	-4.459	-5.617	-6.209	-6.608	-6.599	-7.164	-8.277
2871	28.70	-9.809	-11.396	-12.618	-13.202	-13.125	-12.590	-11.878	-11.173	-10.660	-9.548
2881	28.80	-8.208	-6.341	-4.089	-1.820	0.019	1.085	1.292	0.836	0.095	-0.569
2891	28.90	-0.870	-0.868	-0.716	-0.639	-0.777	-1.117	-1.523	-1.827	-1.929	-1.852
2901	29.00	-1.710	-1.628	-1.665	-1.774	-1.842	-1.764	-1.513	-1.152	-0.792	-0.508
2911	29.10	-0.278	0.020	0.534	1.341	2.373	3.427	4.257	4.708	4.815	4.814
2921	29.20	5.040	5.761	7.025	8.613	10.108	11.074	11.250	10.655	9.577	8.423
2931	29.30	7.527	6.998	6.690	6.293	5.515	4.244	2.620	0.986	-0.268	-0.867
2941	29.40	-0.771	-0.174	0.587	1.177	1.389	1.193	0.711	0.134	-0.372	-0.718
2951	29.50	-0.900	-0.978	-1.038	-1.167	-1.449	-1.958	-2.746	-3.811	-5.065	-6.332
2961	29.60	-7.380	-7.995	-8.064	-7.632	-6.890	-6.103	-5.493	-5.151	-5.000	-4.855
2971	29.70	-4.523	-3.918	-3.120	-2.339	-1.810	-1.671	-1.877	-2.211	-2.379	-2.152
2981	29.80	-1.488	-0.568	0.274	0.686	0.446	-0.443	-1.763	-3.168	-4.327	-5.038
2991	29.90	-5.287	-5.219	-5.053	-4.987	-5.120	-5.430	-5.799	-6.068	-6.090	-5.773

Table 7-39-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-5.101	-4.133	-2.986	-1.810	-0.751	0.090	0.688	1.101	1.450	1.860
3011	30.10	2.405	3.056	3.689	4.128	4.223	3.923	3.304	2.537	1.819	1.285
3021	30.20	0.970	0.816	0.738	0.697	0.741	0.979	1.512	2.344	3.337	4.246
3031	30.30	4.810	4.878	4.484	3.834	3.212	2.832	2.727	2.727	2.544	1.926
3041	30.40	0.798	-0.680	-2.163	-3.279	-3.784	-3.675	-3.169	-2.599	-2.246	-2.226
3051	30.50	-2.454	-2.720	-2.815	-2.634	-2.215	-1.692	-1.193	-0.762	-0.339	0.180
3061	30.60	0.850	1.610	2.282	2.659	2.628	2.261	1.814	1.626	1.952	2.818
3071	30.70	3.975	4.981	5.384	4.923	3.653	1.936	0.299	-0.780	-1.055	-0.589
3081	30.80	0.309	1.195	1.767	1.894	1.681	1.374	1.220	1.343	1.694	2.082
3091	30.90	2.269	2.081	1.480	0.566	-0.471	-1.429	-2.170	-2.650	-2.914	-3.057
3101	31.00	-3.174	-3.326	-3.518	-3.712	-3.840	-3.829	-3.624	-3.206	-2.602	-1.891
3111	31.10	-1.196	-0.661	-0.411	-0.506	-0.912	-1.480	-1.982	-2.167	-1.843	-0.951
3121	31.20	0.397	1.938	3.333	4.278	4.609	4.367	3.789	3.224	3.011	3.344
3131	31.30	4.206	5.368	6.478	7.192	7.304	6.816	5.925	4.938	4.153	3.752
3141	31.40	3.757	4.069	4.438	4.745	4.859	4.737	4.386	3.816	3.024	2.011
3151	31.50	0.818	-0.449	-1.613	-2.486	-2.935	-2.956	-2.686	-2.360	-2.209	-2.363
3161	31.60	-2.783	-3.280	-3.601	-3.544	-3.053	-2.242	-1.339	-0.583	-0.120	0.048
3171	31.70	0.032	-0.018	-0.011	0.043	0.050	-0.095	-0.417	-0.820	-1.115	-1.110
3181	31.80	-0.721	-0.043	0.665	1.076	0.932	0.170	-1.043	-2.366	-3.420	-3.930
3191	31.90	-3.822	-3.233	-2.426	-1.672	-1.137	-0.841	-0.684	-0.528	-0.278	0.068
3201	32.00	0.430	0.699	0.802	0.746	0.613	0.515	0.536	0.687	0.897	1.066
3211	32.10	1.017	0.753	0.284	-0.274	-0.758	-1.012	-0.947	-0.579	-0.038	0.450
3221	32.20	0.630	0.294	-0.642	-2.092	-3.802	-5.418	-6.598	-7.128	-6.997	-6.403
3231	32.30	-5.674	-5.133	-4.971	-5.178	-5.557	-5.828	-5.761	-5.280	-4.491	-3.617
3241	32.40	-2.884	-2.403	-2.131	-1.898	-1.518	-0.896	-0.091	0.711	1.285	1.489
3251	32.50	1.339	1.005	0.733	0.726	1.053	1.628	2.263	2.776	3.082	3.229
3261	32.60	3.360	3.630	4.114	4.766	5.439	5.961	6.212	6.178	5.944	5.647
3271	32.70	5.409	5.291	5.288	5.368	5.407	5.410	5.311	5.063	4.613	3.924
3281	32.80	3.008	1.955	0.932	0.137	-0.278	-0.283	0.005	0.361	0.544	0.409
3291	32.90	-0.024	-0.578	-0.996	-1.065	-0.707	-0.015	0.799	1.504	1.950	2.119
3301	33.00	2.095	1.997	1.895	1.774	1.555	1.161	0.590	-0.065	-0.646	-1.015
3311	33.10	-1.135	-1.103	-1.113	-1.369	-1.979	-2.898	-3.940	-4.860	-5.462	-5.682
3321	33.20	-5.605	-5.414	-5.303	-5.385	-5.660	-6.029	-6.361	-6.556	-6.590	-6.503
3331	33.30	-6.371	-6.254	-6.168	-6.084	-5.952	-5.729	-5.390	-4.929	-4.345	-3.634
3341	33.40	-2.795	-1.850	-0.863	0.059	0.786	1.212	1.298	1.092	0.723	0.352
3351	33.50	0.120	0.099	0.279	0.585	0.925	1.225	1.463	1.663	1.880	2.172
3361	33.60	2.579	3.112	3.760	4.489	5.250	5.978	6.596	7.027	7.216	7.143
3371	33.70	6.838	6.367	5.802	5.190	4.527	3.761	2.821	1.670	0.346	-1.029
3381	33.80	-2.273	-3.211	-3.742	-3.889	-3.801	-3.694	-3.768	-4.115	-4.674	-5.242
3391	33.90	-5.548	-5.361	-4.585	-3.307	-1.771	-0.294	0.850	1.526	1.773	1.773
3401	34.00	1.756	1.896	2.238	2.683	3.048	3.160	2.947	2.472	1.907	1.444
3411	34.10	1.198	1.145	1.130	0.940	0.415	-0.468	-1.566	-2.623	-3.380	-3.681
3421	34.20	-3.544	-3.140	-2.709	-2.454	-2.455	-2.644	-2.866	-2.956	-2.830	-2.508
3431	34.30	-2.089	-1.670	-1.286	-0.882	-0.345	0.419	1.414	2.531	3.575	4.359
3441	34.40	4.785	4.897	4.858	4.870	5.077	5.491	5.992	6.389	6.513	6.297
3451	34.50	5.799	5.158	4.520	3.956	3.440	2.880	2.197	1.392	0.581	-0.050
3461	34.60	-0.329	-0.195	0.252	0.770	1.065	0.910	0.239	-0.819	-1.996	-2.982
3471	34.70	-3.540	-3.586	-3.196	-2.556	-1.887	-1.365	-1.087	-1.067	-1.272	-1.667
3481	34.80	-2.135	-2.669	-3.162	-3.499	-3.558	-3.246	-2.544	-1.530	-0.368	0.735
3491	34.90	1.603	2.144	2.380	2.435	2.474	2.645	3.016	3.559	4.160	4.666

Table 7-39-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	4.942	4.904	4.549	3.943	3.202	2.456	1.829	1.409	1.240	1.314
3511	35.10	1.569	1.908	2.214	2.381	2.340	2.083	1.658	1.156	0.675	0.290
3521	35.20	0.034	-0.111	-0.187	-0.236	-0.277	-0.294	-0.254	-0.124	0.100	0.383
3531	35.30	0.662	0.869	0.960	0.930	0.815	0.664	0.519	0.382	0.220	-0.020
3541	35.40	-0.381	-0.873	-1.458	-2.070	-2.638	-3.125	-3.540	-3.929	-4.351	-4.841
3551	35.50	-5.384	-5.913	-6.338	-6.578	-6.601	-6.433	-6.150	-5.841	-5.574	-5.374
3561	35.60	-5.218	-5.060	-4.860	-4.607	-4.321	-4.043	-3.805	-3.618	-3.464	-3.310
3571	35.70	-3.130	-2.920	-2.699	-2.495	-2.319	-2.154	-1.958	-1.684	-1.311	-0.868
3581	35.80	-0.430	-0.089	0.084	0.077	-0.052	-0.196	-0.249	-0.150	0.089	0.388
3591	35.90	0.646	0.787	0.802	0.757	0.758	0.906	1.244	1.734	2.278	2.754
3601	36.00	3.067	3.179	3.116	2.937	2.702	2.448	2.178	1.885	1.570	1.260
3611	36.10	1.001	0.838	0.784	0.808	0.843	0.818	0.698	0.511	0.341	0.300
3621	36.20	0.475	0.892	1.498	2.179	2.804	3.275	3.560	3.692	3.751	3.817
3631	36.30	3.940	4.117	4.304	4.431	4.435	4.276	3.944	3.460	2.862	2.197
3641	36.40	1.517	0.868	0.282	-0.228	-0.679	-1.112	-1.586	-2.150	-2.827	-3.597
3651	36.50	-4.397	-5.142	-5.746	-6.152	-6.336	-6.312	-6.112	-5.774	-5.333	-4.820
3661	36.60	-4.270	-3.729	-3.245	-2.856	-2.574	-2.371	-2.193	-1.976	-1.681	-1.315
3671	36.70	-0.931	-0.610	-0.422	-0.392	-0.487	-0.624	-0.707	-0.673	-0.515	-0.286
3681	36.80	-0.078	0.023	-0.029	-0.225	-0.504	-0.788	-1.004	-1.112	-1.100	-0.977
3691	36.90	-0.755	-0.445	-0.057	0.387	0.849	1.275	1.621	1.864	2.025	2.157
3701	37.00	2.326	2.576	2.906	3.269	3.598	3.839	3.987	4.091	4.232	4.479
3711	37.10	4.850	5.291	5.697	5.959	6.018	5.897	5.694	5.538	5.519	5.643
3721	37.20	5.815	5.872	5.656	5.079	4.166	3.051	1.925	0.967	0.283	-0.121
3731	37.30	-0.319	-0.425	-0.536	-0.699	-0.910	-1.128	-1.314	-1.452	-1.555	-1.655
3741	37.40	-1.781	-1.946	-2.143	-2.353	-2.560	-2.758	-2.951	-3.144	-3.329	-3.484
3751	37.50	-3.573	-3.571	-3.466	-3.279	-3.051	-2.834	-2.668	-2.572	-2.538	-2.540
3761	37.60	-2.542	-2.514	-2.438	-2.308	-2.129	-1.914	-1.677	-1.429	-1.177	-0.913
3771	37.70	-0.621	-0.276	0.142	0.637	1.187	1.742	2.237	2.618	2.860	2.978
3781	37.80	3.020	3.038	3.064	3.087	3.059	2.918	2.630	2.214	1.748	1.337
3791	37.90	1.073	0.984	1.017	1.063	1.004	0.776	0.408	0.014	-0.250	-0.256
3801	38.00	0.031	0.541	1.124	1.618	1.919	2.024	2.015	2.012	2.099	2.278
3811	38.10	2.461	2.519	2.354	1.955	1.422	0.923	0.617	0.583	0.771	1.023
3821	38.20	1.141	0.971	0.473	-0.262	-1.060	-1.737	-2.180	-2.386	-2.454	-2.528
3831	38.30	-2.723	-3.079	-3.544	-4.003	-4.332	-4.444	-4.320	-4.000	-3.553	-3.053
3841	38.40	-2.551	-2.079	-1.650	-1.279	-0.976	-0.749	-0.598	-0.510	-0.474	-0.489
3851	38.50	-0.570	-0.741	-1.008	-1.341	-1.656	-1.844	-1.813	-1.542	-1.108	-0.681
3861	38.60	-0.461	-0.591	-1.083	-1.795	-2.467	-2.818	-2.660	-1.968	-0.899	0.278
3871	38.70	1.282	1.925	2.170	2.115	1.929	1.767	1.703	1.724	1.756	1.725
3881	38.80	1.599	1.403	1.197	1.032	0.926	0.862	0.802	0.728	0.650	0.598
3891	38.90	0.587	0.590	0.529	0.303	-0.152	-0.820	-1.580	-2.244	-2.622	-2.605
3901	39.00	-2.206	-1.555	-0.840	-0.227	0.206	0.479	0.671	0.856	1.047	1.182
3911	39.10	1.162	0.923	0.493	0.008	-0.333	-0.342	0.070	0.852	1.830	2.769
3921	39.20	3.470	3.824	3.839	3.606	3.237	2.818	2.380	1.912	1.402	0.862
3931	39.30	0.345	-0.077	-0.340	-0.419	-0.337	-0.153	0.068	0.276	0.445	0.568
3941	39.40	0.646	0.676	0.658	0.603	0.544	0.521	0.558	0.632	0.659	0.510
3951	39.50	0.060	-0.744	-1.833	-3.006	-3.987	-4.512	-4.435	-3.793	-2.806	-1.803
3961	39.60	-1.107	-0.913	-1.221	-1.839	-2.455	-2.758	-2.553	-1.832	-0.774	0.316
3971	39.70	1.110	1.366	1.001	0.118	-1.033	-2.129	-2.866	-3.049	-2.636	-1.742
3981	39.80	-0.597	0.522	1.371	1.799	1.772	1.362	0.712	-0.018	-0.690	-1.215
3991	39.90	-1.548	-1.683	-1.638	-1.446	-1.165	-0.870	-0.656	-0.615	-0.804	-1.227

Table 7-39-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-1.814	-2.447	-2.987	-3.331	-3.442	-3.363	-3.191	-3.040	-2.987	-3.047
4011	40.10	-3.175	-3.292	-3.329	-3.257	-3.106	-2.940	-2.831	-2.818	-2.892	-3.001
4021	40.20	-3.077	-3.073	-2.984	-2.853	-2.746	-2.720	-2.789	-2.908	-2.989	-2.933
4031	40.30	-2.668	-2.188	-1.554	-0.882	-0.300	0.098	0.284	0.305	0.262	0.278
4041	40.40	0.448	0.811	1.342	1.961	2.565	3.064	3.405	3.579	3.621	3.591
4051	40.50	3.553	3.563	3.655	3.836	4.087	4.367	4.617	4.778	4.803	4.677
4061	40.60	4.421	4.091	3.763	3.502	3.351	3.307	3.338	3.396	3.446	3.477
4071	40.70	3.504	3.545	3.605	3.651	3.623	3.460	3.131	2.673	2.196	1.852
4081	40.80	1.788	2.089	2.737	3.609	4.514	5.259	5.709	5.834	5.709	5.481
4091	40.90	5.308	5.304	5.497	5.835	6.206	6.489	6.596	6.498	6.219	5.819
4101	41.00	5.357	4.865	4.340	3.758	3.097	2.366	1.620	0.947	0.440	0.159
4111	41.10	0.104	0.206	0.354	0.441	0.402	0.247	0.048	-0.100	-0.132	-0.048
4121	41.20	0.076	0.124	-0.005	-0.340	-0.815	-1.295	-1.632	-1.739	-1.633	-1.437
4131	41.30	-1.324	-1.440	-1.832	-2.430	-3.072	-3.584	-3.858	-3.905	-3.844	-3.847
4141	41.40	-4.050	-4.491	-5.091	-5.688	-6.112	-6.262	-6.144	-5.861	-5.554	-5.336
4151	41.50	-5.235	-5.188	-5.074	-4.771	-4.213	-3.419	-2.481	-1.526	-0.671	0.011
4161	41.60	0.499	0.813	0.985	1.041	0.996	0.854	0.625	0.330	0.005	-0.311
4171	41.70	-0.586	-0.805	-0.972	-1.102	-1.218	-1.344	-1.497	-1.690	-1.922	-2.177
4181	41.80	-2.424	-2.615	-2.702	-2.648	-2.448	-2.137	-1.776	-1.436	-1.171	-1.001
4191	41.90	-0.905	-0.845	-0.791	-0.744	-0.744	-0.851	-1.113	-1.531	-2.048	-2.558
4201	42.00	-2.952	-3.157	-3.176	-3.079	-2.976	-2.961	-3.063	-3.239	-3.387	-3.404
4211	42.10	-3.241	-2.924	-2.552	-2.240	-2.059	-1.997	-1.953	-1.790	-1.400	-0.773
4221	42.20	-0.012	0.701	1.178	1.308	1.108	0.713	0.318	0.089	0.094	0.278
4231	42.30	0.501	0.615	0.535	0.283	-0.034	-0.285	-0.383	-0.338	-0.243	-0.225
4241	42.40	-0.367	-0.656	-0.978	-1.166	-1.080	-0.674	-0.019	0.727	1.397	1.891
4251	42.50	2.214	2.466	2.778	3.239	3.846	4.501	5.067	5.437	5.592	5.614
4261	42.60	5.641	5.796	6.118	6.534	6.883	6.988	6.731	6.103	5.205	4.205
4271	42.70	3.267	2.493	1.901	1.444	1.052	0.679	0.322	0.018	-0.195	-0.305
4281	42.80	-0.343	-0.380	-0.489	-0.722	-1.087	-1.552	-2.067	-2.591	-3.102	-3.596
4291	42.90	-4.072	-4.514	-4.883	-5.131	-5.224	-5.162	-4.988	-4.778	-4.604	-4.509
4301	43.00	-4.486	-4.482	-4.421	-4.240	-3.909	-3.441	-2.876	-2.257	-1.610	-0.942
4311	43.10	-0.256	0.433	1.081	1.615	1.959	2.064	1.931	1.624	1.243	0.892
4321	43.20	0.636	0.482	0.385	0.273	0.089	-0.178	-0.491	-0.779	-0.977	-1.051
4331	43.30	-1.022	-0.969	-0.905	-0.943	-1.073	-1.261	-1.445	-1.566	-1.583	-1.486
4341	43.40	-1.283	-0.995	-0.631	-0.200	0.292	0.819	1.335	1.778	2.085	2.220
4351	43.50	2.169	2.040	1.852	1.706	1.663	1.747	1.946	2.221	2.519	2.785
4361	43.60	2.967	3.020	2.910	2.631	2.209	1.711	1.235	0.884	0.725	0.766
4371	43.70	0.940	1.132	1.222	1.139	0.895	0.585	0.352	0.321	0.550	1.000
4381	43.80	1.555	2.068	2.426	2.587	2.591	2.522	2.464	2.455	2.475	2.461
4391	43.90	2.351	2.121	1.798	1.447	1.138	0.905	0.735	0.579	0.383	0.123
4401	44.00	-0.178	-0.463	-0.667	-0.753	-0.728	-0.635	-0.530	-0.453	-0.411	-0.390
4411	44.10	-0.380	-0.390	-0.459	-0.629	-0.913	-1.265	-1.578	-1.721	-1.586	-1.149
4421	44.20	-0.487	0.242	0.861	1.238	1.338	1.220	1.002	0.790	0.638	0.524
4431	44.30	0.386	0.171	-0.116	-0.400	-0.567	-0.518	-0.229	0.232	0.724	1.093
4441	44.40	1.239	1.156	0.926	0.678	0.522	0.507	0.599	0.722	0.797	0.792
4451	44.50	0.739	0.710	0.781	0.989	1.315	1.692	2.041	2.308	2.482	2.593
4461	44.60	2.680	2.769	2.854	2.899	2.866	2.742	2.548	2.341	2.182	2.111
4471	44.70	2.125	2.182	2.222	2.195	2.085	1.921	1.759	1.657	1.650	1.726
4481	44.80	1.838	1.911	1.874	1.680	1.318	0.816	0.229	-0.377	-0.942	-1.422
4491	44.90	-1.796	-2.066	-2.249	-2.370	-2.455	-2.521	-2.578	-2.631	-2.688	-2.757

Table 7-39-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-2.856	-2.996	-3.179	-3.391	-3.597	-3.758	-3.841	-3.837	-3.772	-3.696
4511	45.10	-3.670	-3.736	-3.897	-4.110	-4.294	-4.363	-4.254	-3.955	-3.512	-3.010
4521	45.20	-2.548	-2.204	-2.011	-1.950	-1.973	-2.022	-2.056	-2.069	-2.079	-2.113
4531	45.30	-2.187	-2.287	-2.375	-2.408	-2.360	-2.243	-2.110	-2.040	-2.103	-2.329
4541	45.40	-2.692	-3.113	-3.485	-3.719	-3.771	-3.662	-3.463	-3.264	-3.132	-3.087
4551	45.50	-3.091	-3.064	-2.922	-2.609	-2.116	-1.487	-0.801	-0.147	0.396	0.780
4561	45.60	0.985	1.020	0.913	0.712	0.476	0.276	0.177	0.230	0.449	0.807
4571	45.70	1.233	1.636	1.924	2.043	1.982	1.787	1.538	1.322	1.209	1.225
4581	45.80	1.348	1.516	1.641	1.652	1.500	1.185	0.758	0.301	-0.090	-0.338
4591	45.90	-0.407	-0.318	-0.136	0.054	0.175	0.193	0.122	0.015	-0.064	-0.075
4601	46.00	-0.018	0.063	0.108	0.072	-0.042	-0.178	-0.242	-0.148	0.149	0.621
4611	46.10	1.177	1.688	2.042	2.179	2.110	1.915	1.701	1.563	1.556	1.676
4621	46.20	1.876	2.092	2.271	2.389	2.461	2.519	2.601	2.727	2.885	3.037
4631	46.30	3.130	3.117	2.979	2.736	2.447	2.191	2.035	2.008	2.080	2.169
4641	46.40	2.162	1.964	1.541	0.939	0.276	-0.296	-0.649	-0.727	-0.566	-0.274
4651	46.50	0.012	0.185	0.208	0.115	-0.013	-0.096	-0.095	-0.027	0.054	0.092
4661	46.60	0.063	-0.012	-0.080	-0.093	-0.040	0.048	0.109	0.095	0.001	-0.121
4671	46.70	-0.184	-0.113	0.112	0.436	0.749	0.933	0.920	0.725	0.436	0.169
4681	46.80	0.010	-0.026	0.002	0.001	-0.096	-0.281	-0.472	-0.550	-0.428	-0.107
4691	46.90	0.307	0.639	0.729	0.505	0.028	-0.529	-0.950	-1.070	-0.845	-0.364
4701	47.00	0.192	0.635	0.845	0.811	0.617	0.390	0.228	0.168	0.174	0.184
4711	47.10	0.145	0.056	-0.043	-0.097	-0.078	-0.014	0.023	-0.052	-0.289	-0.672
4721	47.20	-1.118	-1.517	-1.775	-1.861	-1.813	-1.718	-1.664	-1.699	-1.810	-1.932
4731	47.30	-1.986	-1.917	-1.718	-1.433	-1.130	-0.871	-0.686	-0.567	-0.484	-0.399
4741	47.40	-0.288	-0.148	0.012	0.189	0.350	0.520	0.691	0.869	0.969	1.018
4751	47.50	0.970	0.815	0.571	0.277	-0.015	-0.259	-0.433	-0.495	-0.483	-0.407
4761	47.60	-0.293	-0.167	-0.051	0.039	0.102	0.148	0.198	0.275	0.395	0.556
4771	47.70	0.737	0.910	1.048	1.142	1.207	1.275	1.377	1.528	1.714	1.895
4781	47.80	2.024	2.069	2.028	1.929	1.822	1.746	1.721	1.733	1.749	1.733
4791	47.90	1.666	1.552	1.408	1.247	1.065	0.835	0.521	0.100	-0.413	-0.966
4801	48.00	-1.475	-1.855	-2.049	-2.046	-1.883	-1.624	-1.336	-1.063	-0.822	-0.607
4811	48.10	-0.404	-0.212	-0.041	0.088	0.163	0.188	0.189	0.205	0.273	0.405
4821	48.20	0.585	0.769	0.902	0.936	0.846	0.642	0.362	0.057	-0.219	-0.427
4831	48.30	-0.551	-0.591	-0.562	-0.480	-0.355	-0.194	-0.000	0.214	0.428	0.614
4841	48.40	0.742	0.803	0.811	0.808	0.850	0.981	1.207	1.486	1.730	1.838
4851	48.50	1.730	1.386	0.852	0.227	-0.377	-0.882	-1.265	-1.567	-1.860	-2.202
4861	48.60	-2.610	-3.040	-3.416	-3.662	-3.739	-3.665	-3.500	-3.311	-3.138	-2.974
4871	48.70	-2.774	-2.487	-2.090	-1.607	-1.103	-0.653	-0.305	-0.060	0.128	0.314
4881	48.80	0.531	0.761	0.942	0.995	0.872	0.588	0.220	-0.116	-0.317	-0.329
4891	48.90	-0.169	0.090	0.361	0.579	0.726	0.825	0.919	1.035	1.171	1.300
4901	49.00	1.394	1.446	1.488	1.571	1.743	2.007	2.311	2.552	2.618	2.425
4911	49.10	1.962	1.297	0.552	-0.134	-0.659	-0.982	-1.133	-1.190	-1.245	-1.372
4921	49.20	-1.605	-1.934	-2.322	-2.716	-3.069	-3.345	-3.521	-3.588	-3.546	-3.405
4931	49.30	-3.188	-2.927	-2.662	-2.426	-2.239	-2.100	-1.990	-1.877	-1.736	-1.557
4941	49.40	-1.358	-1.175	-1.051	-1.016	-1.074	-1.197	-1.337	-1.448	-1.508	-1.528
4951	49.50	-1.552	-1.631	-1.799	-2.049	-2.327	-2.554	-2.652	-2.584	-2.366	-2.069
4961	49.60	-1.778	-1.562	-1.437	-1.357	-1.237	-0.993	-0.580	-0.017	0.613	1.199
4971	49.70	1.643	1.892	1.952	1.881	1.755	1.642	1.576	1.559	1.572	1.591
4981	49.80	1.598	1.589	1.565	1.525	1.462	1.368	1.237	1.073	0.892	0.716
4991	49.90	0.559	0.426	0.309	0.194	0.072	-0.056	-0.175	-0.265	-0.308	-0.298

Table 7-39-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.243	-0.165	-0.092	-0.051	-0.065	-0.149	-0.304	-0.519	-0.767	-1.006
5011	50.10	-1.192	-1.283	-1.261	-1.135	-0.942	-0.730	-0.543	-0.404	-0.304	-0.216
5021	50.20	-0.105	0.056	0.271	0.531	0.819	1.123	1.440	1.766	2.092	2.393
5031	50.30	2.632	2.777	2.821	2.792	2.749	2.751	2.833	2.980	3.129	3.196
5041	50.40	3.121	2.901	2.602	2.332	2.201	2.245	2.505	2.836	3.167	3.355
5051	50.50	3.439	3.442	3.444	3.509	3.652	3.830	3.967	3.996	3.903	3.731
5061	50.60	3.562	3.470	3.483	3.560	3.617	3.563	3.352	3.008	2.611	2.266
5071	50.70	2.051	1.984	2.023	2.087	2.100	2.028	1.884	1.716	1.574	1.483
5081	50.80	1.427	1.363	1.245	1.048	0.784	0.491	0.219	0.002	-0.151	-0.254
5091	50.90	-0.336	-0.417	-0.509	-0.605	-0.697	-0.783	-0.870	-0.969	-1.092	-1.234
5101	51.00	-1.377	-1.493	-1.557	-1.559	-1.506	-1.423	-1.337	-1.273	-1.238	-1.231
5111	51.10	-1.238	-1.248	-1.251	-1.245	-1.229	-1.207	-1.179	-1.148	-1.117	-1.096
5121	51.20	-1.095	-1.127	-1.201	-1.318	-1.472	-1.647	-1.824	-1.980	-2.094	-2.152
5131	51.30	-2.149	-2.092	-1.998	-1.894	-1.809	-1.764	-1.769	-1.816	-1.890	-1.973
5141	51.40	-2.058	-2.149	-2.263	-2.414	-2.603	-2.809	-2.989	-3.090	-3.073	-2.928
5151	51.50	-2.687	-2.415	-2.191	-2.076	-2.099	-2.241	-2.448	-2.650	-2.795	-2.858
5161	51.60	-2.851	-2.807	-2.761	-2.728	-2.695	-2.634	-2.513	-2.323	-2.086	-1.849
5171	51.70	-1.667	-1.572	-1.558	-1.573	-1.542	-1.396	-1.105	-0.691	-0.224	0.209
5181	51.80	0.544	0.768	0.928	1.109	1.398	1.836	2.397	2.992	3.501	3.822
5191	51.90	3.905	3.772	3.502	3.185	2.891	2.637	2.395	2.115	1.765	1.353
5201	52.00	0.935	0.586	0.365	0.288	0.312	0.361	0.356	0.254	0.069	-0.142
5211	52.10	-0.306	-0.373	-0.342	-0.255	-0.181	-0.174	-0.251	-0.381	-0.510	-0.587
5221	52.20	-0.597	-0.571	-0.573	-0.668	-0.886	-1.211	-1.576	-1.896	-2.102	-2.164
5231	52.30	-2.102	-1.971	-1.836	-1.743	-1.706	-1.709	-1.725	-1.729	-1.712	-1.653
5241	52.40	-1.659	-1.651	-1.660	-1.674	-1.678	-1.664	-1.632	-1.596	-1.570	-1.565
5251	52.50	-1.582	-1.611	-1.635	-1.637	-1.604	-1.524	-1.387	-1.188	-0.928	-0.619
5261	52.60	-0.293	0.004	0.223	0.325	0.304	0.187	0.029	-0.106	-0.171	-0.157
5271	52.70	-0.090	-0.024	-0.007	-0.059	-0.161	-0.254	-0.273	-0.167	0.076	0.422
5281	52.80	0.815	1.193	1.520	1.794	2.038	2.279	2.530	2.775	2.982	3.117
5291	52.90	3.171	3.168	3.160	3.200	3.313	3.479	3.628	3.669	3.528	3.178
5301	53.00	2.657	2.059	1.496	1.073	0.834	0.777	0.851	0.986	1.122	1.217
5311	53.10	1.251	1.216	1.099	0.887	0.571	0.164	-0.293	-0.729	-1.064	-1.238
5321	53.20	-1.231	-1.077	-0.853	-0.655	-0.521	-0.504	-0.570	-0.662	-0.726	-0.728
5331	53.30	-0.674	-0.598	-0.543	-0.536	-0.575	-0.633	-0.670	-0.658	-0.599	-0.520
5341	53.40	-0.465	-0.466	-0.531	-0.630	-0.705	-0.689	-0.528	-0.199	0.285	0.878
5351	53.50	1.519	2.140	2.682	3.099	3.362	3.463	3.418	3.268	3.072	2.893
5361	53.60	2.782	2.761	2.811	2.882	2.910	2.842	2.664	2.403	2.121	1.882
5371	53.70	1.728	1.659	1.629	1.573	1.440	1.221	0.962	0.749	0.673	0.791
5381	53.80	1.095	1.510	1.922	2.217	2.327	2.252	2.057	1.836	1.678	1.622
5391	53.90	1.646	1.679	1.637	1.456	1.121	0.671	0.185	-0.257	-0.593	-0.803
5401	54.00	-0.908	-0.950	-0.975	-1.013	-1.070	-1.134	-1.179	-1.181	-1.126	-1.098
5411	54.10	-0.836	-0.624	-0.397	-0.183	-0.018	0.069	0.057	-0.057	-0.255	-0.498
5421	54.20	-0.745	-0.958	-1.117	-1.225	-1.302	-1.377	-1.472	-1.597	-1.745	-1.900
5431	54.30	-2.044	-2.167	-2.265	-2.345	-2.411	-2.469	-2.518	-2.556	-2.583	-2.606
5441	54.40	-2.637	-2.690	-2.770	-2.873	-2.983	-3.071	-3.111	-3.079	-2.969	-2.787
5451	54.50	-2.551	-2.290	-2.032	-1.803	-1.623	-1.504	-1.449	-1.452	-1.498	-1.564
5461	54.60	-1.623	-1.652	-1.635	-1.566	-1.454	-1.314	-1.168	-1.032	-0.920	-0.833
5471	54.70	-0.768	-0.714	-0.657	-0.585	-0.486	-0.358	-0.206	-0.045	0.105	0.219
5481	54.80	0.274	0.262	0.189	0.076	-0.048	-0.155	-0.227	-0.261	-0.268	-0.268
5491	54.90	-0.277	-0.303	-0.345	-0.401	-0.469	-0.558	-0.683	-0.856	-1.069	-1.293

Table 7-39-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.471	-1.538	-1.441	-1.166	-0.751	-0.280	0.138	0.405	0.463	0.317
5511	55.10	0.027	-0.312	-0.601	-0.772	-0.799	-0.703	-0.531	-0.336	-0.161	-0.024
5521	55.20	0.074	0.143	0.197	0.245	0.296	0.356	0.434	0.539	0.671	0.825
5531	55.30	0.985	1.134	1.261	1.367	1.467	1.581	1.722	1.888	2.055	2.188
5541	55.40	2.252	2.230	2.130	1.985	1.836	1.720	1.653	1.627	1.619	1.603
5551	55.50	1.566	1.508	1.445	1.390	1.350	1.317	1.275	1.212	1.134	1.067
5561	55.60	1.051	1.123	1.298	1.560	1.859	2.128	2.307	2.360	2.290	2.133
5571	55.70	1.943	1.774	1.657	1.599	1.581	1.574	1.553	1.503	1.426	1.335
5581	55.80	1.242	1.157	1.078	1.001	0.918	0.828	0.733	0.641	0.557	0.483
5591	55.90	0.414	0.340	0.255	0.159	0.064	-0.013	-0.054	-0.049	-0.002	0.068
5601	56.00	0.136	0.174	0.166	0.108	0.005	-0.136	-0.313	-0.536	-0.824	-1.190
5611	56.10	-1.634	-2.130	-2.629	-3.069	-3.391	-3.564	-3.591	-3.508	-3.373	-3.244
5621	56.20	-3.161	-3.133	-3.146	-3.174	-3.192	-3.193	-3.186	-3.188	-3.212	-3.257
5631	56.30	-3.301	-3.311	-3.254	-3.112	-2.892	-2.621	-2.338	-2.079	-1.864	-1.694
5641	56.40	-1.555	-1.424	-1.283	-1.120	-0.937	-0.741	-0.542	-0.346	-0.158	0.015
5651	56.50	0.167	0.286	0.360	0.386	0.367	0.320	0.273	0.249	0.266	0.325
5661	56.60	0.411	0.498	0.563	0.594	0.592	0.574	0.561	0.569	0.598	0.632
5671	56.70	0.645	0.617	0.545	0.447	0.369	0.364	0.474	0.715	1.065	1.469
5681	56.80	1.851	2.142	2.301	2.328	2.264	2.172	2.116	2.136	2.238	2.392
5691	56.90	2.552	2.674	2.737	2.750	2.747	2.770	2.848	2.981	3.143	3.286
5701	57.00	3.363	3.346	3.235	3.057	2.856	2.670	2.523	2.416	2.333	2.254
5711	57.10	2.164	2.060	1.950	1.845	1.751	1.665	1.578	1.480	1.368	1.248
5721	57.20	1.134	1.037	0.960	0.893	0.817	0.717	0.587	0.441	0.307	0.211
5731	57.30	0.174	0.192	0.243	0.294	0.313	0.285	0.213	0.116	0.016	-0.073
5741	57.40	-0.146	-0.210	-0.274	-0.339	-0.400	-0.447	-0.477	-0.503	-0.551	-0.656
5751	57.50	-0.842	-1.113	-1.448	-1.799	-2.116	-2.358	-2.507	-2.573	-2.582	-2.567
5761	57.60	-2.553	-2.557	-2.584	-2.639	-2.726	-2.845	-2.985	-3.117	-3.195	-3.169
5771	57.70	-3.007	-2.714	-2.339	-1.958	-1.695	-1.598	-1.657	-1.853	-2.079	-2.228
5781	57.80	-2.223	-2.041	-1.726	-1.361	-1.039	-0.826	-0.747	-0.778	-0.870	-0.970
5791	57.90	-1.044	-1.077	-1.075	-1.051	-1.009	-0.949	-0.867	-0.761	-0.640	-0.520
5801	58.00	-0.420	-0.348	-0.300	-0.259	-0.205	-0.128	-0.028	0.078	0.171	0.240
5811	58.10	0.288	0.330	0.388	0.475	0.588	0.705	0.799	0.843	0.829	0.770
5821	58.20	0.694	0.629	0.595	0.593	0.607	0.618	0.608	0.577	0.539	0.514
5831	58.30	0.516	0.543	0.574	0.580	0.529	0.410	0.232	0.029	-0.154	-0.277
5841	58.40	-0.315	-0.272	-0.174	-0.062	0.027	0.068	0.059	0.018	-0.028	-0.052
5851	58.50	-0.043	-0.003	0.047	0.086	0.097	0.079	0.045	0.015	0.011	0.038
5861	58.60	0.087	0.138	0.167	0.161	0.121	0.063	0.006	-0.034	-0.061	-0.089
5871	58.70	-0.140	-0.229	-0.352	-0.480	-0.574	-0.590	-0.505	-0.318	-0.053	0.252
5881	58.80	0.561	0.851	1.115	1.357	1.579	1.779	1.941	2.048	2.088	2.065
5891	58.90	1.991	1.902	1.824	1.775	1.759	1.772	1.801	1.838	1.877	1.913
5901	59.00	1.934	1.923	1.856	1.715	1.500	1.230	0.944	0.682	0.472	0.317
5911	59.10	0.193	0.063	-0.104	-0.315	-0.547	-0.754	-0.890	-0.924	-0.863	-0.740
5921	59.20	-0.609	-0.515	-0.484	-0.508	-0.561	-0.608	-0.627	-0.614	-0.581	-0.548
5931	59.30	-0.532	-0.535	-0.548	-0.561	-0.571	-0.584	-0.618	-0.689	-0.799	-0.939
5941	59.40	-1.083	-1.205	-1.287	-1.331	-1.357	-1.393	-1.461	-1.570	-1.704	-1.834
5951	59.50	-1.925	-1.953	-1.916	-1.829	-1.723	-1.628	-1.566	-1.541	-1.540	-1.542
5961	59.60	-1.522	-1.464	-1.362	-1.224	-1.065	-0.904	-0.754	-0.626	-0.518	-0.424
5971	59.70	-0.334	-0.239	-0.131	-0.010	0.118	0.245	0.363	0.468	0.562	0.653
5981	59.80	0.752	0.867	1.000	1.143	1.278	1.387	1.453	1.467	1.434	1.372
5991	59.90	1.304	1.250	1.224	1.226	1.248	1.275	1.291	1.290	1.274	1.252

Table 7-39-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	1.235	1.231	1.259	1.253	1.265	1.266	1.255	1.237	1.221	1.215
6011	60.10	1.221	1.235	1.248	1.251	1.241	1.220	1.199	1.187	1.194	1.216
6021	60.20	1.245	1.263	1.253	1.202	1.106	0.970	0.808	0.636	0.471	0.324
6031	60.30	0.203	0.106	0.027	-0.049	-0.137	-0.251	-0.396	-0.564	-0.729	-0.852
6041	60.40	-0.892	-0.817	-0.620	-0.330	-0.000	0.294	0.485	0.530	0.426	0.209
6051	60.50	-0.056	-0.303	-0.486	-0.589	-0.633	-0.659	-0.706	-0.797	-0.929	-1.075
6061	60.60	-1.206	-1.300	-1.359	-1.405	-1.466	-1.565	-1.699	-1.846	-1.975	-2.061
6071	60.70	-2.105	-2.134	-2.189	-2.303	-2.477	-2.672	-2.818	-2.838	-2.689	-2.376
6081	60.80	-1.962	-1.543	-1.208	-1.007	-0.924	-0.887	-0.800	-0.587	-0.223	0.244
6091	60.90	0.721	1.100	1.305	1.320	1.197	1.024	0.897	0.878	0.976	1.152
6101	61.00	1.344	1.491	1.563	1.565	1.528	1.490	1.475	1.489	1.515	1.531
6111	61.10	1.522	1.489	1.447	1.418	1.419	1.453	1.508	1.560	1.584	1.560
6121	61.20	1.478	1.343	1.167	0.966	0.757	0.555	0.369	0.206	0.067	-0.055
6131	61.30	-0.168	-0.285	-0.417	-0.570	-0.741	-0.923	-1.101	-1.258	-1.379	-1.453
6141	61.40	-1.477	-1.454	-1.395	-1.316	-1.237	-1.177	-1.148	-1.155	-1.193	-1.249
6151	61.50	-1.309	-1.362	-1.403	-1.435	-1.469	-1.514	-1.575	-1.651	-1.734	-1.809
6161	61.60	-1.857	-1.858	-1.788	-1.627	-1.359	-0.982	-0.515	-0.001	0.498	0.913
6171	61.70	1.190	1.301	1.259	1.112	0.931	0.779	0.700	0.701	0.754	0.816
6181	61.80	0.840	0.799	0.689	0.528	0.351	0.194	0.087	0.045	0.073	0.157
6191	61.90	0.274	0.395	0.490	0.541	0.546	0.523	0.504	0.517	0.574	0.661
6201	62.00	0.741	0.772	0.732	0.637	0.538	0.508	0.600	0.819	1.112	1.379
6211	62.10	1.519	1.475	1.270	0.996	0.783	0.734	0.882	1.168	1.467	1.647
6221	62.20	1.632	1.433	1.143	0.890	0.773	0.813	0.949	1.073	1.088	0.964
6231	62.30	0.753	0.560	0.487	0.569	0.751	0.904	0.887	0.612	0.096	-0.545
6241	62.40	-1.135	-1.512	-1.585	-1.361	-0.930	-0.416	0.073	0.473	0.768	0.960
6251	62.50	1.046	1.005	0.809	0.455	-0.012	-0.494	-0.863	-1.013	-0.899	-0.566
6261	62.60	-0.130	0.265	0.502	0.537	0.408	0.206	0.032	-0.047	-0.026	0.051
6271	62.70	0.116	0.114	0.026	-0.128	-0.309	-0.480	-0.630	-0.772	-0.930	-1.120
6281	62.80	-1.336	-1.545	-1.706	-1.784	-1.771	-1.687	-1.573	-1.473	-1.615	-1.405
6291	62.90	-1.426	-1.451	-1.460	-1.445	-1.414	-1.383	-1.365	-1.366	-1.379	-1.390
6301	63.00	-1.386	-1.364	-1.331	-1.300	-1.286	-1.295	-1.321	-1.345	-1.343	-1.294
6311	63.10	-1.186	-1.024	-0.826	-0.618	-0.428	-0.273	-0.162	-0.089	-0.045	-0.016
6321	63.20	0.008	0.033	0.064	0.101	0.146	0.203	0.269	0.340	0.408	0.465
6331	63.30	0.507	0.537	0.567	0.613	0.685	0.780	0.877	0.943	0.940	0.841
6341	63.40	0.644	0.372	0.071	-0.208	-0.421	-0.544	-0.580	-0.549	-0.482	-0.405
6351	63.50	-0.337	-0.285	-0.251	-0.233	-0.230	-0.238	-0.254	-0.268	-0.270	-0.255
6361	63.60	-0.223	-0.185	-0.157	-0.153	-0.176	-0.214	-0.243	-0.235	-0.172	-0.052
6371	63.70	0.110	0.288	0.455	0.599	0.720	0.829	0.939	1.058	1.182	1.301
6381	63.80	1.408	1.503	1.599	1.712	1.853	2.014	2.173	2.294	2.349	2.324
6391	63.90	2.235	2.114	2.003	1.927	1.892	1.876	1.844	1.767	1.635	1.459
6401	64.00	1.269	1.096	0.957	0.851	0.762	0.668	0.555	0.425	0.289	0.161
6411	64.10	0.046	-0.063	-0.178	-0.311	-0.455	-0.590	-0.686	-0.718	-0.679	-0.588
6421	64.20	-0.485	-0.407	-0.381	-0.405	-0.455	-0.495	-0.502	-0.471	-0.422	-0.384
6431	64.30	-0.380	-0.412	-0.458	-0.486	-0.471	-0.413	-0.341	-0.302	-0.341	-0.478
6441	64.40	-0.694	-0.937	-1.141	-1.248	-1.233	-1.111	-0.925	-0.734	-0.582	-0.492
6451	64.50	-0.459	-0.455	-0.451	-0.422	-0.361	-0.275	-0.179	-0.092	-0.027	0.011
6461	64.60	0.025	0.019	0.003	-0.015	-0.031	-0.041	-0.046	-0.047	-0.049	-0.052
6471	64.70	-0.056	-0.057	-0.052	-0.038	-0.016	0.012	0.041	0.068	0.092	0.116
6481	64.80	0.142	0.171	0.200	0.225	0.241	0.250	0.256	0.269	0.295	0.335
6491	64.90	0.379	0.415	0.432	0.427	0.412	0.409	0.434	0.493	0.573	0.640

Table 7-39-14 TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.658	0.599	0.458	0.255	0.027	-0.193	-0.383	-0.544	-0.692	-0.843
6511	65.10	-0.999	-1.143	-1.244	-1.271	-1.218	-1.104	-0.971	-0.868	-0.824	-0.839
6521	65.20	-0.883	-0.917	-0.909	-0.858	-0.790	-0.744	-0.747	-0.793	-0.841	-0.829
6531	65.30	-0.709	-0.469	-0.150	0.166	0.392	0.464	0.371	0.155	-0.113	-0.362
6541	65.40	-0.548	-0.668	-0.746	-0.813	-0.880	-0.935	-0.950	-0.898	-0.776	-0.613
6551	65.50	-0.458	-0.354	-0.324	-0.350	-0.389	-0.391	-0.322	-0.176	0.024	0.244
6561	65.60	0.461	0.672	0.889	1.126	1.379	1.619	1.796	1.864	1.803	1.628
6571	65.70	1.391	1.153	0.962	0.833	0.751	0.685	0.612	0.537	0.489	0.512
6581	65.80	0.631	0.837	1.086	1.317	1.475	1.546	1.557	1.563	1.623	1.764
6591	65.90	1.966	2.169	2.299	2.296	2.143	1.869	1.535	1.209	0.939	0.741
6601	66.00	0.600	0.484	0.360	0.211	0.037	-0.151	-0.339	-0.517	-0.684	-0.846
6611	66.10	-1.010	-1.178	-1.348	-1.510	-1.652	-1.765	-1.839	-1.875	-1.881	-1.875
6621	66.20	-1.882	-1.923	-2.010	-2.140	-2.290	-2.426	-2.513	-2.528	-2.466	-2.336
6631	66.30	-2.160	-1.958	-1.744	-1.525	-1.308	-1.102	-0.927	-0.796	-0.713	-0.658
6641	66.40	-0.592	-0.471	-0.266	0.010	0.302	0.528	0.610	0.511	0.258	-0.068
6651	66.50	-0.358	-0.523	-0.528	-0.404	-0.226	-0.077	-0.004	0.002	0.000	0.065
6661	66.60	0.245	0.536	0.882	1.198	1.412	1.492	1.458	1.361	1.256	1.171
6671	66.70	1.099	1.009	0.870	0.676	0.452	0.241	0.081	-0.020	-0.086	-0.161
6681	66.80	-0.281	-0.452	-0.639	-0.781	-0.821	-0.734	-0.544	-0.310	-0.106	0.019
6691	66.90	0.056	0.038	0.018	0.040	0.118	0.232	0.341	0.407	0.418	0.391
6701	67.00	0.364	0.370	0.424	0.514	0.608	0.675	0.701	0.693	0.678	0.678
6711	67.10	0.700	0.728	0.728	0.667	0.532	0.342	0.138	-0.027	-0.113	-0.111
6721	67.20	-0.038	0.067	0.166	0.238	0.285	0.327	0.389	0.480	0.590	0.691
6731	67.30	0.748	0.737	0.658	0.539	0.420	0.339	0.314	0.337	0.375	0.387
6741	67.40	0.341	0.233	0.089	-0.047	-0.125	-0.115	-0.015	0.145	0.318	0.455
6751	67.50	0.529	0.542	0.517	0.492	0.496	0.538	0.604	0.666	0.694	0.676
6761	67.60	0.616	0.541	0.478	0.450	0.459	0.488	0.508	0.494	0.429	0.318
6771	67.70	0.178	0.032	-0.103	-0.221	-0.325	-0.427	-0.534	-0.649	-0.762	-0.860
6781	67.80	-0.928	-0.960	-0.957	-0.930	-0.894	-0.866	-0.855	-0.866	-0.894	-0.930
6791	67.90	-0.965	-0.989	-0.999	-0.998	-0.994	-0.996	-1.013	-1.041	-1.074	-1.097
6801	68.00	-1.095	-1.062	-1.004	-0.936	-0.880	-0.852	-0.855	-0.878	-0.899	-0.896
6811	68.10	-0.855	-0.780	-0.689	-0.606	-0.548	-0.516	-0.496	-0.462	-0.394	-0.281
6821	68.20	-0.133	0.028	0.178	0.303	0.405	0.499	0.602	0.724	0.856	0.973
6831	68.30	1.044	1.046	0.974	0.850	0.709	0.589	0.515	0.491	0.497	0.505
6841	68.40	0.489	0.438	0.363	0.292	0.253	0.268	0.338	0.446	0.561	0.653
6851	68.50	0.704	0.716	0.707	0.704	0.730	0.793	0.881	0.969	1.024	1.025
6861	68.60	0.963	0.853	0.723	0.604	0.518	0.469	0.444	0.420	0.377	0.304
6871	68.70	0.210	0.113	0.037	0.001	0.011	0.066	0.155	0.268	0.397	0.531
6881	68.80	0.659	0.762	0.818	0.815	0.753	0.655	0.562	0.512	0.530	0.606
6891	68.90	0.699	0.751	0.710	0.562	0.334	0.098	-0.068	-0.105	-0.003	0.194
6901	69.00	0.406	0.548	0.568	0.460	0.267	0.054	-0.120	-0.224	-0.265	-0.276
6911	69.10	-0.292	-0.337	-0.411	-0.503	-0.600	-0.703	-0.825	-0.984	-1.185	-1.412
6921	69.20	-1.627	-1.783	-1.849	-1.820	-1.726	-1.617	-1.543	-1.533	-1.585	-1.672
6931	69.30	-1.757	-1.808	-1.814	-1.781	-1.724	-1.653	-1.569	-1.465	-1.333	-1.181
6941	69.40	-1.026	-0.896	-0.808	-0.765	-0.746	-0.722	-0.663	-0.564	-0.441	-0.325
6951	69.50	-0.245	-0.212	-0.206	-0.190	-0.128	-0.004	0.161	0.324	0.434	0.464
6961	69.60	0.427	0.375	0.374	0.474	0.681	0.946	1.184	1.304	1.252	1.029
6971	69.70	0.694	0.341	0.062	-0.089	-0.109	-0.039	0.055	0.117	0.123	0.080
6981	69.80	0.020	-0.021	-0.024	0.007	0.052	0.086	0.093	0.076	0.051	0.037
6991	69.90	0.046	0.075	0.108	0.129	0.126	0.105	0.079	0.068	0.080	0.113

Table 7-39-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	0.151	0.172	0.161	0.118	0.054	-0.009	-0.056	-0.080	-0.088	-0.096
7011	70.10	-0.119	-0.160	-0.213	-0.261	-0.293	-0.303	-0.302	-0.306	-0.332	-0.385
7021	70.20	-0.453	-0.515	-0.546	-0.532	-0.475	-0.393	-0.309	-0.240	-0.193	-0.157
7031	70.30	-0.119	-0.067	-0.005	0.055	0.096	0.110	0.110	0.124	0.189	0.331
7041	70.40	0.552	0.822	1.091	1.302	1.416	1.424	1.351	1.241	1.142	1.086
7051	70.50	1.077	1.103	1.137	1.160	1.164	1.157	1.151	1.156	1.168	1.175
7061	70.60	1.156	1.098	0.998	0.867	0.723	0.589	0.477	0.391	0.326	0.269
7071	70.70	0.210	0.140	0.053	-0.049	-0.164	-0.282	-0.387	-0.462	-0.484	-0.443
7081	70.80	-0.337	-0.183	-0.013	0.142	0.257	0.324	0.358	0.384	0.428	0.502
7091	70.90	0.604	0.713	0.808	0.876	0.921	0.962	1.023	1.115	1.231	1.338
7101	71.00	1.399	1.382	1.281	1.120	0.946	0.809	0.740	0.738	0.771	0.789
7111	71.10	0.744	0.615	0.415	0.182	-0.031	-0.182	-0.253	-0.253	-0.212	-0.164
7121	71.20	-0.139	-0.147	-0.183	-0.236	-0.290	-0.337	-0.375	-0.404	-0.428	-0.450
7131	71.30	-0.472	-0.495	-0.524	-0.562	-0.609	-0.660	-0.705	-0.734	-0.742	-0.737
7141	71.40	-0.736	-0.764	-0.841	-0.973	-1.148	-1.337	-1.501	-1.611	-1.648	-1.618
7151	71.50	-1.542	-1.451	-1.373	-1.329	-1.324	-1.369	-1.389	-1.424	-1.439	-1.427
7161	71.60	-1.392	-1.348	-1.312	-1.305	-1.332	-1.384	-1.437	-1.452	-1.397	-1.259
7171	71.70	-1.053	-0.819	-0.611	-0.476	-0.433	-0.469	-0.545	-0.613	-0.638	-0.614
7181	71.80	-0.558	-0.503	-0.473	-0.472	-0.483	-0.481	-0.450	-0.395	-0.340	-0.314
7191	71.90	-0.331	-0.373	-0.399	-0.364	-0.240	-0.040	0.186	0.373	0.473	0.481
7201	72.00	0.437	0.407	0.445	0.565	0.730	0.876	0.946	0.929	0.871	0.854
7211	72.10	0.953	1.193	1.525	1.841	2.027	2.018	1.830	1.557	1.326	1.229
7221	72.20	1.281	1.405	1.476	1.382	1.092	0.673	0.270	0.036	0.066	0.345
7231	72.30	0.759	1.144	1.357	1.334	1.113	0.798	0.513	0.337	0.281	0.294
7241	72.40	0.305	0.264	0.168	0.062	0.002	0.025	0.122	0.240	0.310	0.274
7251	72.50	0.116	-0.140	-0.442	-0.738	-0.992	-1.195	-1.355	-1.477	-1.559	-1.590
7261	72.60	-1.562	-1.482	-1.376	-1.286	-1.250	-1.285	-1.381	-1.506	-1.622	-1.706
7271	72.70	-1.758	-1.794	-1.838	-1.897	-1.953	-1.972	-1.918	-1.775	-1.557	-1.304
7281	72.80	-1.068	-0.889	-0.780	-0.720	-0.671	-0.593	-0.469	-0.306	-0.131	0.025
7291	72.90	0.143	0.228	0.302	0.393	0.521	0.682	0.854	1.002	1.098	1.130
7301	73.00	1.107	1.057	1.014	1.003	1.032	1.089	1.153	1.202	1.225	1.226
7311	73.10	1.221	1.230	1.265	1.324	1.391	1.439	1.445	1.397	1.304	1.190
7321	73.20	1.085	1.010	0.972	0.957	0.942	0.904	0.836	0.748	0.664	0.609
7331	73.30	0.594	0.605	0.609	0.567	0.451	0.261	0.031	-0.186	-0.336	-0.384
7341	73.40	-0.330	-0.206	-0.062	0.054	0.113	0.116	0.085	0.053	0.044	0.067
7351	73.50	0.113	0.164	0.203	0.220	0.219	0.212	0.212	0.226	0.258	0.304
7361	73.60	0.362	0.429	0.505	0.588	0.673	0.753	0.821	0.873	0.914	0.956
7371	73.70	1.012	1.089	1.183	1.278	1.347	1.367	1.325	1.226	1.090	0.946
7381	73.80	0.822	0.736	0.685	0.657	0.630	0.586	0.519	0.433	0.343	0.265
7391	73.90	0.207	0.168	0.134	0.088	0.014	-0.095	-0.233	-0.385	-0.530	-0.654
7401	74.00	-0.753	-0.836	-0.918	-1.018	-1.144	-1.289	-1.434	-1.551	-1.613	-1.610
7411	74.10	-1.548	-1.450	-1.348	-1.270	-1.230	-1.226	-1.241	-1.252	-1.245	-1.214
7421	74.20	-1.169	-1.126	-1.098	-1.092	-1.099	-1.104	-1.089	-1.044	-0.968	-0.870
7431	74.30	-0.765	-0.665	-0.578	-0.503	-0.434	-0.366	-0.295	-0.222	-0.150	-0.079
7441	74.40	-0.009	0.063	0.139	0.219	0.299	0.374	0.440	0.501	0.562	0.633
7451	74.50	0.718	0.814	0.910	0.987	1.029	1.029	0.991	0.931	0.871	0.827
7461	74.60	0.806	0.805	0.812	0.816	0.811	0.797	0.780	0.766	0.756	0.748
7471	74.70	0.738	0.725	0.712	0.704	0.707	0.714	0.712	0.679	0.598	0.463
7481	74.80	0.285	0.093	-0.082	-0.218	-0.311	-0.377	-0.445	-0.538	-0.665	-0.817
7491	74.90	-0.969	-1.096	-1.188	-1.255	-1.322	-1.416	-1.553	-1.725	-1.905	-2.060

Table 7-39-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-2.162	-2.203	-2.195	-2.159	-2.118	-2.082	-2.048	-2.010	-1.968	-1.931
7511	75.10	-1.920	-1.950	-2.017	-2.093	-2.133	-2.090	-1.941	-1.701	-1.424	-1.181
7521	75.20	-1.038	-1.019	-1.106	-1.238	-1.340	-1.356	-1.265	-1.093	-0.890	-0.711
7531	75.30	-0.591	-0.531	-0.506	-0.480	-0.423	-0.328	-0.206	-0.082	0.026	0.107
7541	75.40	0.169	0.226	0.291	0.372	0.466	0.567	0.668	0.766	0.862	0.950
7551	75.50	1.022	1.060	1.050	0.982	0.862	0.715	0.572	0.463	0.404	0.389
7561	75.60	0.393	0.386	0.342	0.256	0.142	0.032	-0.037	-0.044	0.018	0.131
7571	75.70	0.266	0.390	0.484	0.543	0.579	0.610	0.652	0.713	0.787	0.862
7581	75.80	0.927	0.977	1.018	1.061	1.116	1.183	1.255	1.319	1.367	1.407
7591	75.90	1.465	1.575	1.767	2.044	2.374	2.696	2.936	3.036	2.979	2.801
7601	76.00	2.571	2.371	2.257	2.239	2.276	2.306	2.273	2.164	2.015	1.900
7611	76.10	1.895	2.036	2.303	2.617	2.872	2.976	2.888	2.632	2.284	1.937
7621	76.20	1.663	1.492	1.401	1.341	1.261	1.132	0.958	0.766	0.587	0.439
7631	76.30	0.318	0.207	0.083	-0.063	-0.227	-0.393	-0.545	-0.680	-0.806	-0.938
7641	76.40	-1.088	-1.253	-1.416	-1.552	-1.643	-1.688	-1.703	-1.717	-1.754	-1.825
7651	76.50	-1.922	-2.025	-2.111	-2.174	-2.222	-2.275	-2.352	-2.457	-2.572	-2.663
7661	76.60	-2.693	-2.639	-2.501	-2.309	-2.104	-1.928	-1.804	-1.733	-1.693	-1.656
7671	76.70	-1.598	-1.508	-1.392	-1.262	-1.129	-0.993	-0.843	-0.665	-0.451	-0.205
7681	76.80	0.049	0.275	0.441	0.523	0.522	0.457	0.362	0.272	0.212	0.192
7691	76.90	0.203	0.229	0.252	0.262	0.257	0.244	0.231	0.226	0.229	0.236
7701	77.00	0.241	0.242	0.237	0.230	0.226	0.225	0.229	0.233	0.234	0.231
7711	77.10	0.225	0.219	0.216	0.219	0.224	0.228	0.228	0.222	0.213	0.206
7721	77.20	0.204	0.209	0.218	0.226	0.227	0.219	0.203	0.186	0.176	0.183
7731	77.30	0.213	0.270	0.351	0.453	0.567	0.681	0.784	0.867	0.927	0.970
7741	77.40	1.007	1.057	1.134	1.241	1.365	1.481	1.555	1.560	1.484	1.337
7751	77.50	1.148	0.954	0.787	0.665	0.585	0.527	0.468	0.391	0.290	0.175
7761	77.60	0.058	-0.045	-0.133	-0.211	-0.289	-0.378	-0.481	-0.590	-0.696	-0.790
7771	77.70	-0.872	-0.948	-1.032	-1.133	-1.250	-1.370	-1.473	-1.538	-1.554	-1.524
7781	77.80	-1.464	-1.400	-1.354	-1.338	-1.349	-1.376	-1.402	-1.413	-1.406	-1.387
7791	77.90	-1.368	-1.358	-1.362	-1.376	-1.391	-1.398	-1.394	-1.380	-1.364	-1.354
7801	78.00	-1.356	-1.366	-1.380	-1.387	-1.384	-1.371	-1.354	-1.342	-1.341	-1.351
7811	78.10	-1.366	-1.377	-1.376	-1.362	-1.340	-1.321	-1.314	-1.324	-1.348	-1.372
7821	78.20	-1.383	-1.368	-1.321	-1.234	-1.146	-1.036	-0.924	-0.817	-0.717	-0.624
7831	78.30	-0.538	-0.458	-0.386	-0.323	-0.268	-0.226	-0.197	-0.185	-0.189	-0.205
7841	78.40	-0.222	-0.226	-0.206	-0.158	-0.092	-0.027	0.011	0.007	-0.033	-0.081
7851	78.50	-0.090	-0.012	0.184	0.491	0.866	1.238	1.532	1.696	1.717	1.624
7861	78.60	1.476	1.336	1.251	1.236	1.276	1.337	1.386	1.405	1.395	1.371
7871	78.70	1.353	1.351	1.365	1.385	1.399	1.404	1.406	1.419	1.458	1.530
7881	78.80	1.630	1.746	1.862	1.962	2.041	2.099	2.138	2.160	2.164	2.149
7891	78.90	2.111	2.056	1.995	1.940	1.906	1.896	1.906	1.926	1.938	1.931
7901	79.00	1.898	1.839	1.760	1.670	1.573	1.476	1.379	1.287	1.200	1.122
7911	79.10	1.051	0.986	0.922	0.851	0.772	0.684	0.594	0.508	0.432	0.366
7921	79.20	0.306	0.242	0.165	0.073	-0.030	-0.129	-0.207	-0.251	-0.254	-0.221
7931	79.30	-0.166	-0.108	-0.063	-0.040	-0.039	-0.051	-0.064	-0.068	-0.059	-0.040
7941	79.40	-0.019	-0.002	0.004	0.002	-0.003	-0.004	0.003	0.019	0.038	0.053
7951	79.50	0.060	0.057	0.052	0.050	0.057	0.075	0.097	0.114	0.118	0.110
7961	79.60	0.096	0.090	0.103	0.138	0.180	0.204	0.181	0.087	-0.082	-0.309
7971	79.70	-0.555	-0.774	-0.927	-0.992	-0.974	-0.899	-0.804	-0.721	-0.672	-0.659
7981	79.80	-0.672	-0.694	-0.707	-0.706	-0.691	-0.672	-0.656	-0.649	-0.649	-0.653
7991	79.90	-0.655	-0.652	-0.643	-0.631	-0.621	-0.615	-0.613	-0.614	-0.614	-0.611

Table 7–39–17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-0.605	-0.597	-0.588	-0.581	-0.577	-0.576	-0.577	-0.579	-0.577	-0.571
8011	80.10	-0.560	-0.545	-0.531	-0.528	-0.547	-0.597	-0.682	-0.799	-0.935	-1.071
8021	80.20	-1.184	-1.257	-1.280	-1.257	-1.201	-1.131	-1.065	-1.016	-0.988	-0.977
8031	80.30	-0.975	-0.971	-0.960	-0.941	-0.917	-0.892	-0.871	-0.854	-0.842	-0.830
8041	80.40	-0.816	-0.799	-0.780	-0.759	-0.740	-0.723	-0.709	-0.696	-0.682	-0.666
8051	80.50	-0.649	-0.631	-0.612	-0.595	-0.580	-0.567	-0.553	-0.539	-0.523	-0.506
8061	80.60	-0.488	-0.471	-0.455	-0.442	-0.429	-0.416	-0.401	-0.385	-0.368	-0.350
8071	80.70	-0.334	-0.320	-0.308	-0.297	-0.284	-0.268	-0.250	-0.232	-0.215	-0.202
8081	80.80	-0.192	-0.183	-0.172	-0.155	-0.130	-0.099	-0.066	-0.034	-0.008	0.013
8091	80.90	0.032	0.052	0.076	0.104	0.134	0.161	0.183	0.201	0.218	0.238
8101	81.00	0.264	0.295	0.327	0.355	0.375	0.389	0.402	0.421	0.449	0.485
8111	81.10	0.522	0.552	0.568	0.574	0.579	0.595	0.631	0.682	0.736	0.770
8121	81.20	0.763	0.707	0.609	0.490	0.374	0.283	0.220	0.178	0.139	0.087
8131	81.30	0.018	-0.062	-0.138	-0.197	-0.239	-0.274	-0.323	-0.398	-0.499	-0.603
8141	81.40	-0.678	-0.690	-0.622	-0.481	-0.298	-0.114	0.039	0.143	0.208	0.257
8151	81.50	0.317	0.401	0.506	0.618	0.719	0.799	0.866	0.937	1.027	1.142
8161	81.60	1.266	1.371	1.426	1.411	1.327	1.201	1.067	0.961	0.899	0.879
8171	81.70	0.879	0.875	0.847	0.794	0.725	0.660	0.611	0.582	0.566	0.547
8181	81.80	0.512	0.459	0.394	0.332	0.288	0.270	0.277	0.299	0.325	0.344
8191	81.90	0.354	0.355	0.354	0.354	0.357	0.359	0.358	0.351	0.344	0.345
8201	82.00	0.362	0.403	0.469	0.552	0.662	0.726	0.796	0.849	0.888	0.924
8211	82.10	0.965	1.016	1.079	1.150	1.221	1.286	1.340	1.381	1.409	1.425
8221	82.20	1.427	1.417	1.397	1.372	1.350	1.339	1.346	1.369	1.399	1.424
8231	82.30	1.432	1.419	1.391	1.366	1.363	1.391	1.445	1.499	1.518	1.466
8241	82.40	1.326	1.105	0.834	0.559	0.320	0.140	0.012	-0.092	-0.208	-0.363
8251	82.50	-0.562	-0.784	-0.992	-1.147	-1.227	-1.235	-1.195	-1.147	-1.126	-1.152
8261	82.60	-1.225	-1.329	-1.437	-1.530	-1.597	-1.640	-1.671	-1.705	-1.751	-1.815
8271	82.70	-1.894	-1.980	-2.064	-2.133	-2.179	-2.195	-2.176	-2.127	-2.055	-1.973
8281	82.80	-1.896	-1.837	-1.800	-1.784	-1.778	-1.768	-1.744	-1.697	-1.629	-1.547
8291	82.90	-1.463	-1.384	-1.316	-1.259	-1.207	-1.155	-1.097	-1.033	-0.963	-0.894
8301	83.00	-0.828	-0.770	-0.718	-0.667	-0.613	-0.549	-0.477	-0.399	-0.325	-0.264
8311	83.10	-0.225	-0.213	-0.223	-0.247	-0.272	-0.288	-0.291	-0.280	-0.262	-0.245
8321	83.20	-0.234	-0.230	-0.230	-0.230	-0.226	-0.217	-0.205	-0.194	-0.188	-0.186
8331	83.30	-0.187	-0.185	-0.178	-0.165	-0.149	-0.137	-0.134	-0.144	-0.168	-0.203
8341	83.40	-0.247	-0.293	-0.338	-0.380	-0.415	-0.442	-0.463	-0.479	-0.496	-0.520
8351	83.50	-0.555	-0.604	-0.658	-0.707	-0.733	-0.723	-0.670	-0.577	-0.458	-0.331
8361	83.60	-0.216	-0.124	-0.057	-0.008	0.035	0.086	0.150	0.227	0.311	0.394
8371	83.70	0.467	0.531	0.586	0.640	0.699	0.768	0.845	0.927	1.005	1.074
8381	83.80	1.132	1.183	1.234	1.294	1.368	1.456	1.551	1.637	1.699	1.720
8391	83.90	1.695	1.629	1.534	1.432	1.341	1.274	1.234	1.213	1.198	1.176
8401	84.00	1.140	1.088	1.028	0.970	0.922	0.885	0.857	0.830	0.798	0.754
8411	84.10	0.699	0.638	0.576	0.519	0.467	0.416	0.361	0.298	0.227	0.153
8421	84.20	0.083	0.029	-0.003	-0.010	0.006	0.034	0.064	0.086	0.096	0.093
8431	84.30	0.081	0.068	0.060	0.058	0.062	0.067	0.070	0.068	0.062	0.055
8441	84.40	0.050	0.049	0.052	0.054	0.052	0.044	0.034	0.027	0.033	0.057
8451	84.50	0.100	0.158	0.220	0.277	0.321	0.351	0.370	0.387	0.410	0.444
8461	84.60	0.489	0.541	0.592	0.633	0.657	0.658	0.632	0.581	0.510	0.428
8471	84.70	0.346	0.278	0.230	0.203	0.188	0.173	0.145	0.097	0.033	-0.034
8481	84.80	-0.091	-0.128	-0.145	-0.155	-0.175	-0.218	-0.289	-0.373	-0.448	-0.489
8491	84.90	-0.479	-0.421	-0.330	-0.232	-0.149	-0.089	-0.045	-0.002	0.055	0.128

Table 7–39–18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1231 1304-GR-1-10 HA. (HA.) OTANOSHIKE BR. MAX. ACC. = 127.504 (GAL) T= 3.41 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.203	0.255	0.257	0.194	0.071	-0.090	-0.258	-0.403	-0.513	-0.590
8511	85.10	-0.650	-0.710	-0.782	-0.867	-0.958	-1.050	-1.140	-1.233	-1.333	-1.436
8521	85.20	-1.526	-1.575	-1.551	-1.437	-1.241	-1.001	-0.776	-0.629	-0.601	-0.698
8531	85.30	-0.884	-1.095	-1.262	-1.332	-1.289	-1.153	-0.971	-0.796	-0.667	-0.595
8541	85.40	-0.567	-0.553	-0.523	-0.460	-0.367	-0.262	-0.167	-0.099	-0.058	-0.030
8551	85.50	0.007	0.071	0.168	0.285	0.396	0.468	0.478	0.418	0.300	0.152
8561	85.60	0.006	-0.114	-0.195	-0.245	-0.282	-0.325	-0.389	-0.474	-0.567	-0.648
8571	85.70	-0.698	-0.709	-0.684	-0.638	-0.590	-0.557	-0.546	-0.555	-0.574	-0.592
8581	85.80	-0.598	-0.593	-0.580	-0.566	-0.557	-0.558	-0.565	-0.574	-0.579	-0.578
8591	85.90	-0.571	-0.559	-0.549	-0.542	-0.543	-0.549	-0.560	-0.570	-0.573	-0.562
8601	86.00	-0.532	-0.476	-0.396	-0.295	-0.183	-0.071	0.028	0.108	0.168	0.217
8611	86.10	0.264	0.321	0.397	0.490	0.592	0.691	0.772	0.826	0.850	0.852
8621	86.20	0.842	0.838	0.851	0.889	0.949	1.026	1.109	1.188	1.255	1.310
8631	86.30	1.353	1.391	1.430	1.475	1.531	1.597	1.670	1.742	1.806	1.852
8641	86.40	1.875	1.870	1.841	1.794	1.742	1.696	1.663	1.647	1.643	1.645
8651	86.50	1.644	1.635	1.616	1.591	1.567	1.547	1.534	1.527	1.522	1.514
8661	86.60	1.501	1.482	1.460	1.438	1.420	1.407	1.400	1.398	1.398	1.393
8671	86.70	1.374	1.330	1.252	1.138	0.994	0.835	0.681	0.549	0.447	0.371
8681	86.80	0.306	0.231	0.135	0.016	-0.116	-0.243	-0.350	-0.434	-0.506	-0.581
8691	86.90	-0.676	-0.795	-0.928	-1.055	-1.161	-1.242	-1.310	-1.389	-1.493	-1.622
8701	87.00	-1.746	-1.824	-1.816	-1.714	-1.549	-1.391	-1.317	-1.385	-1.598	-1.900
8711	87.10	-2.187	-2.355	-2.333	-2.119	-1.781	-1.428	-1.170	-1.072	-1.135	-1.299
8721	87.20	-1.476	-1.586	-1.595	-1.519	-1.409	-1.328	-1.310	-1.357	-1.430	-1.481
8731	87.30	-1.469	-1.384	-1.247	-1.097	-0.972	-0.891	-0.847	-0.818	-0.777	-0.708
8741	87.40	-0.614	-0.512	-0.421	-0.353	-0.307	-0.267	-0.216	-0.144	-0.052	0.045
8751	87.50	0.152	0.198	0.244	0.283	0.334	0.409	0.506	0.612	0.701	0.752
8761	87.60	0.756	0.719	0.664	0.616	0.598	0.615	0.657	0.700	0.715	0.680
8771	87.70	0.588	0.449	0.284	0.118	-0.027	-0.162	-0.231	-0.305	-0.382	-0.474
8781	87.80	-0.586	-0.712	-0.837	-0.946	-1.023	-1.063	-1.069	-1.053	-1.032	-1.023
8791	87.90	-1.036	-1.073	-1.126	-1.182	-1.227	-1.254	-1.263	-1.265	-1.275	-1.306
8801	88.00	-1.361	-1.431	-1.496	-1.527	-1.504	-1.415	-1.269	-1.087	-0.901	-0.736
8811	88.10	-0.606	-0.511	-0.436	-0.362	-0.274	-0.166	-0.044	0.081	0.198	0.300
8821	88.20	0.391	0.480	0.576	0.683	0.800	0.917	1.027	1.125	1.216	1.309
8831	88.30	1.412	1.529	1.652	1.768	1.857	1.907	1.916	1.897	1.869	1.855
8841	88.40	1.870	1.914	1.977	2.040	2.086	2.107	2.109	2.106	2.118	2.156
8851	88.50	2.221	2.297	2.361	2.386	2.353	2.259	2.114	1.940	1.764	1.604
8861	88.60	1.473	1.368	1.282	1.200	1.114	1.017	0.908	0.790	0.668	0.547
8871	88.70	0.434	0.335	0.253	0.193	0.152	0.125	0.102	0.072	0.029	-0.029
8881	88.80	-0.096	-0.163	-0.222	-0.270	-0.311	-0.355	-0.409	-0.475	-0.546	-0.610
8891	88.90	-0.651	-0.660	-0.641	-0.604	-0.568	-0.546	-0.545	-0.559	-0.579	-0.591
8901	89.00	-0.592	-0.582	-0.571	-0.567	-0.574	-0.587	-0.599	-0.603	-0.598	-0.586
8911	89.10	-0.578	-0.579	-0.590	-0.606	-0.618	-0.618	-0.607	-0.592	-0.583	-0.588
8921	89.20	-0.605	-0.625	-0.637	-0.634	-0.617	-0.596	-0.586	-0.593	-0.617	-0.644
8931	89.30	-0.659	-0.652	-0.626	-0.597	-0.582	-0.594	-0.628	-0.666	-0.686	-0.674
8941	89.40	-0.635	-0.590	-0.567	-0.584	-0.637	-0.698	-0.731	-0.711	-0.643	-0.560
8951	89.50	-0.512	-0.538	-0.642	-0.778	-0.873	-0.848	-0.663	-0.337	0.055	0.404

Table 7-40-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.0	0.0	0.0	0.495	4.710	8.120	8.779	5.761	-0.288	-7.321
11	0.10	-12.766	-14.690	-12.691	-8.071	-3.202	-0.368	-0.466	-3.490	-6.845	-8.340
21	0.20	-6.371	-0.914	6.425	13.125	16.850	16.433	12.295	6.152	0.219	-3.712
31	0.30	-4.872	-3.614	-1.016	1.717	3.759	4.869	5.258	5.287	5.189	4.953
41	0.40	4.413	3.419	1.983	0.296	-1.369	-2.796	-3.896	-4.686	-5.178	-5.296
51	0.50	-4.862	-3.704	-1.812	0.553	2.870	4.524	5.051	4.347	2.749	0.920
61	0.60	-0.490	-0.684	0.172	1.817	3.581	4.737	4.775	3.597	1.553	-0.688
71	0.70	-2.392	-3.047	-2.589	-1.466	-0.501	-0.582	-2.268	-5.469	-9.344	-12.497
81	0.80	-13.467	-11.212	-5.778	1.755	9.450	15.164	17.306	15.422	10.368	3.989
91	0.90	-1.566	-4.628	-4.570	-1.938	1.869	5.221	6.889	6.443	4.272	1.286
101	1.00	-1.555	-3.627	-4.815	-5.410	-5.832	-6.343	-6.892	-7.161	-6.773	-5.542
111	1.10	-3.636	-1.561	0.032	0.632	0.126	-1.098	-2.259	-2.470	-1.100	1.918
121	1.20	5.983	9.969	12.588	12.855	10.474	5.990	0.643	-4.052	-6.828	-7.112
131	1.30	-5.192	-2.070	0.965	2.836	3.051	1.802	-0.234	-2.266	-3.751	-4.559
141	1.40	-4.893	-5.024	-5.016	-4.614	-3.385	-1.032	2.272	5.756	8.230	8.547
151	1.50	6.145	1.413	-4.312	-9.175	-11.482	-10.364	-6.128	-0.150	5.658	9.564
161	1.60	10.628	8.965	5.558	1.772	-1.228	-2.885	-3.344	-3.224	-3.243	-3.860
171	1.70	-5.111	-6.673	-8.076	-8.939	-9.099	-8.597	-7.557	-6.067	-4.136	-1.771
181	1.80	0.902	3.542	5.618	6.580	6.090	4.235	1.573	-1.004	-2.573	-2.515
191	1.90	-0.757	2.194	5.432	7.979	9.125	8.654	6.869	4.429	2.062	0.288
201	2.00	-0.753	-1.307	-1.855	-2.864	-4.554	-6.764	-8.962	-10.420	-10.474	-8.791
211	2.10	-5.536	-1.375	2.701	5.683	6.882	6.173	4.056	1.505	-0.362	-0.672
221	2.20	0.884	3.918	7.445	10.194	11.022	9.308	5.198	-0.374	-5.909	-9.751
231	2.30	-10.591	-7.922	-2.304	4.664	10.714	13.564	11.688	4.965	-5.069	-15.509
241	2.40	-22.918	-24.469	-19.020	-7.687	6.348	18.815	25.798	25.113	17.110	4.539
251	2.50	-8.456	-17.841	-21.093	-17.950	-10.253	-1.011	6.874	11.642	13.083	12.200
261	2.60	10.414	8.739	7.359	5.759	3.290	-0.209	-4.100	-7.137	-8.072	-6.342
271	2.70	-2.456	2.124	5.588	6.563	4.681	0.692	-3.941	-7.712	-9.663	-9.618
281	2.80	-7.996	-5.365	-2.046	1.986	6.848	12.322	17.555	21.131	21.573	18.051
291	2.90	10.946	1.934	-6.512	-12.033	-13.308	-10.572	-5.489	-0.432	2.497	2.280
301	3.00	-0.723	-5.063	-8.913	-10.824	-10.211	-7.404	-3.323	0.996	4.771	7.600
311	3.10	9.366	10.056	9.649	8.155	5.739	2.816	-0.008	-2.159	-3.369	-3.845
321	3.20	-4.184	-5.067	-6.839	-9.225	-11.352	-12.096	-10.627	-6.874	-1.672	3.505
331	3.30	7.127	8.234	6.833	3.851	0.693	-1.397	-1.874	-1.076	0.003	0.236
341	3.40	-1.087	-3.933	-7.559	-10.872	-12.911	-13.227	-11.993	-9.822	-7.411	-5.218
351	3.50	-3.311	-1.464	0.590	2.890	5.133	6.766	7.257	6.397	4.477	2.246
361	3.60	0.636	0.385	1.704	4.146	6.737	8.319	7.987	5.435	1.089	-4.018
371	3.70	-8.583	-11.464	-12.033	-10.364	-7.161	-3.501	-0.446	1.308	1.655	1.069
381	3.80	0.399	0.499	1.863	4.377	7.307	9.552	10.070	8.333	4.621	0.020
391	3.90	-3.921	-5.744	-4.654	-0.865	4.434	9.499	12.677	13.021	10.609	6.452
401	4.00	2.036	-1.297	-2.847	-2.729	-1.682	-0.632	-0.247	-0.685	-1.639	-2.604
411	4.10	-3.183	-3.264	-2.983	-2.518	-1.897	-0.944	0.565	2.668	4.930	6.687
421	4.20	7.145	5.900	3.215	-0.010	-2.628	-3.835	-3.639	-2.931	-3.064	-5.101
431	4.30	-9.114	-13.922	-17.452	-17.622	-13.331	-5.100	5.000	14.106	19.684	20.497
441	4.40	16.985	10.909	4.479	-0.584	-3.615	-4.959	-5.435	-5.665	-5.661	-4.887
451	4.50	-2.730	0.943	5.482	9.626	12.052	12.015	9.709	6.155	2.675	0.243
461	4.60	-0.924	-1.326	-1.744	-2.673	-3.970	-4.934	-4.761	-3.099	-0.372	2.347
471	4.70	3.852	3.430	1.239	-1.778	-4.418	-5.861	-6.083	-5.787	-5.878	-6.805
481	4.80	-8.150	-8.743	-7.281	-3.145	3.057	9.532	13.988	14.669	11.112	4.611
491	4.90	-2.465	-7.580	-9.113	-6.995	-2.620	1.862	4.534	4.490	2.087	-1.397

Table 7-40-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-4.461	-6.057	-5.946	-4.607	-2.829	-1.257	-0.131	0.671	1.383	2.063
511	5.10	2.483	2.247	1.068	-0.967	-3.317	-5.148	-5.671	-4.495	-1.815	1.634
521	5.20	4.851	6.935	7.393	6.281	4.143	1.793	0.043	-0.556	0.134	1.793
531	5.30	3.728	5.056	4.961	2.963	-0.875	-5.876	-10.873	-14.511	-15.661	-13.792
541	5.40	-9.188	-2.896	3.575	8.714	11.460	11.494	9.274	5.819	2.334	-0.184
551	5.50	-1.223	-0.846	0.425	1.854	2.763	2.750	1.769	0.076	-1.918	-3.832
561	5.60	-5.429	-6.650	-7.536	-8.098	-8.218	-7.642	-6.096	-3.476	-0.020	3.637
571	5.70	6.609	8.059	7.553	5.309	2.199	-0.517	-1.656	-0.574	2.562	6.819
581	5.80	10.834	13.316	13.483	11.273	7.257	2.341	-2.590	-6.912	-10.307	-12.641
591	5.90	-13.797	-13.596	-11.868	-8.630	-4.251	0.515	4.699	7.424	8.218	7.175
601	6.00	4.887	2.180	-0.218	-1.914	-2.890	-3.349	-3.484	-3.311	-2.670	-1.392
611	6.10	0.477	2.546	4.144	4.573	3.453	0.955	-2.185	-4.918	-6.290	-5.830
621	6.20	-3.725	-0.724	2.194	4.228	5.037	4.803	4.036	3.264	2.744	2.357
631	6.30	1.707	0.376	-1.804	-4.591	-7.372	-9.368	-9.919	-8.720	-5.933	-2.119
641	6.40	1.944	5.491	7.966	9.111	8.975	7.828	6.056	4.049	2.121	0.460
651	6.50	-0.883	-1.976	-2.954	-3.950	-5.010	-6.039	-6.786	-6.899	-6.033	-3.991
661	6.60	-0.849	2.990	6.852	9.936	11.534	11.248	9.120	5.647	1.637	-2.021
671	6.70	-4.622	-5.833	-5.750	-4.806	-3.563	-2.494	-1.824	-1.497	-1.277	-0.907
681	6.80	-0.255	0.627	1.558	2.349	2.929	3.388	3.916	4.667	5.620	6.529
691	6.90	6.996	6.630	5.245	2.960	0.178	-2.577	-4.856	-6.446	-7.385	-7.854
701	7.00	-7.999	-7.791	-7.013	-5.397	-2.833	0.458	3.889	6.656	8.020	7.590
711	7.10	5.492	2.333	-1.014	-3.712	-5.219	-5.410	-4.531	-3.028	-1.368	0.093
721	7.20	1.146	1.687	1.679	1.132	0.137	-1.096	-2.243	-2.933	-2.883	-2.017
731	7.30	-0.525	1.184	2.635	3.456	3.507	2.898	1.902	0.816	-0.163	-0.994
741	7.40	-1.757	-2.568	-3.498	-4.534	-5.590	-6.539	-7.240	-7.544	-7.282	-6.285
751	7.50	-4.449	-1.831	1.276	4.344	6.737	7.923	7.685	6.235	4.141	2.100
761	7.60	0.636	-0.115	-0.422	-0.766	-1.524	-2.697	-3.840	-4.239	-3.284	-0.828
771	7.70	2.636	6.090	8.381	8.684	6.857	3.495	-0.321	-3.462	-5.172	-5.288
781	7.80	-4.178	-2.470	-0.728	0.758	1.981	3.060	4.047	4.829	5.183	4.962
791	7.90	4.274	3.526	3.277	3.956	5.581	7.637	9.207	9.318	7.353	3.350
801	8.00	-1.950	-7.337	-11.543	-13.664	-13.421	-11.186	-7.782	-4.177	-1.185	0.712
811	8.10	1.414	1.125	0.232	-0.816	-1.615	-1.881	-1.510	-0.599	0.579	1.664
821	8.20	2.343	2.484	2.210	1.845	1.768	2.207	3.088	4.020	4.438	3.855
831	8.30	2.109	-0.521	-3.385	-5.704	-6.880	-6.721	-5.498	-3.801	-2.268	-1.317
841	8.40	-1.013	-1.098	-1.181	-0.961	-0.386	0.339	0.871	0.923	0.414	-0.481
851	8.50	-1.409	-1.990	-1.972	-1.315	-0.175	1.184	2.496	3.573	4.326	4.736
861	8.60	4.816	4.583	4.065	3.314	2.428	1.527	0.728	0.091	-0.393	-0.793
871	8.70	-1.194	-1.652	-2.168	-2.699	-3.193	-3.618	-3.970	-4.238	-4.365	-4.219
881	8.80	-3.625	-2.438	-0.642	1.584	3.874	5.774	6.897	7.071	6.408	5.258
891	8.90	4.067	3.194	2.775	2.695	2.671	2.402	1.726	0.687	-0.499	-1.554
901	9.00	-2.275	-2.618	-2.690	-2.671	-2.697	-2.783	-2.815	-2.618	-2.059	-1.122
911	9.10	0.072	1.309	2.371	3.109	3.466	3.454	3.102	2.421	1.405	0.078
921	9.20	-1.451	-2.964	-4.176	-4.826	-4.781	-4.107	-3.055	-1.967	-1.147	-0.744
931	9.30	-0.710	-0.848	-0.924	-0.777	-0.382	0.160	0.704	1.147	1.486	1.799
941	9.40	2.180	2.660	3.168	3.562	3.709	3.581	3.295	3.078	3.158	3.638
951	9.50	4.408	5.166	5.521	5.160	3.990	2.188	0.145	-1.688	-2.967	-3.578
961	9.60	-3.651	-3.477	-3.364	-3.506	-3.918	-4.461	-4.933	-5.174	-5.145	-4.930
971	9.70	-4.684	-4.547	-4.575	-4.713	-4.827	-4.768	-4.442	-3.857	-3.123	-2.415
981	9.80	-1.918	-1.761	-1.979	-2.498	-3.148	-3.707	-3.953	-3.728	-2.992	-1.848
991	9.90	-0.529	0.660	1.432	1.615	1.223	0.462	-0.330	-0.793	-0.680	0.050

Table 7-40-3

TABLE OF CORRECTED ACCELERATION RECORD

NO. 3

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.212	2.453	3.385	3.724	3.398	2.567	1.560	0.751	0.421	0.661
1011	10.10	1.352	2.224	2.959	3.314	3.189	2.656	1.903	1.161	0.615	0.368
1021	10.20	0.323	0.412	0.454	0.311	-0.081	-0.692	-1.414	-2.094	-2.584	-2.797
1031	10.30	-2.732	-2.480	-2.196	-2.041	-2.123	-2.446	-2.900	-3.290	-3.406	-3.093
1041	10.40	-2.319	-1.184	0.107	1.317	2.257	2.837	3.084	3.111	3.055	3.028
1051	10.50	3.083	3.214	3.393	3.598	3.833	4.123	4.487	4.909	5.322	5.620
1061	10.60	5.691	5.457	4.905	4.050	3.120	2.119	1.197	0.429	-0.149	-0.527
1071	10.70	-0.713	-0.726	-0.593	-0.347	-0.034	0.304	0.629	0.918	1.164	1.368
1081	10.80	1.530	1.642	1.694	1.679	1.603	1.485	1.349	1.206	1.046	0.838
1091	10.90	0.545	0.155	-0.304	-0.755	-1.101	-1.262	-1.209	-0.986	-0.692	-0.443
1101	11.00	-0.322	-0.369	-0.474	-0.616	-0.698	-0.696	-0.642	-0.605	-0.652	-0.806
1111	11.10	-1.038	-1.276	-1.451	-1.530	-1.537	-1.534	-1.585	-1.718	-1.907	-2.088
1121	11.20	-2.197	-2.218	-2.196	-2.221	-2.369	-2.651	-2.971	-3.150	-2.991	-2.378
1131	11.30	-1.352	-0.123	0.983	1.643	1.666	1.077	0.109	-0.886	-1.591	-1.858
1141	11.40	-1.769	-1.596	-1.657	-2.142	-2.992	-3.880	-4.328	-3.906	-2.437	-0.113
1151	11.50	2.535	4.811	6.104	6.114	4.953	3.093	1.175	-0.234	-0.834	-0.664
1161	11.60	-0.026	0.676	1.125	1.202	0.994	0.707	0.539	0.576	0.769	0.975
1171	11.70	1.054	0.941	0.686	0.417	0.279	0.363	0.671	1.121	1.581	1.917
1181	11.80	2.021	1.833	1.340	0.587	-0.322	-1.228	-1.942	-2.301	-2.231	-1.798
1191	11.90	-1.204	-0.723	-0.592	-0.907	-1.568	-2.318	-2.859	-2.985	-2.687	-2.145
1201	12.00	-1.634	-1.363	-1.351	-1.396	-1.165	-0.376	1.027	2.793	4.425	5.364
1211	12.10	5.227	3.983	1.990	-0.126	-1.701	-2.271	-1.724	-0.303	1.511	3.194
1221	12.20	4.351	4.804	4.588	3.861	2.812	1.590	0.295	-0.997	-2.188	-3.153
1231	12.30	-3.760	-3.922	-3.649	-3.063	-2.372	-1.803	-1.529	-1.616	-2.005	-2.544
1241	12.40	-3.046	-3.352	-3.377	-3.125	-2.674	-2.136	-1.617	-1.184	-0.861	-0.633
1251	12.50	-0.475	-0.371	-0.319	-0.323	-0.361	-0.374	-0.260	0.097	0.770	1.741
1261	12.60	2.876	3.944	4.689	4.925	4.611	3.882	3.000	2.260	1.877	1.905
1271	12.70	2.233	2.642	2.909	2.902	2.620	2.176	1.722	1.372	1.146	0.979
1281	12.80	0.761	0.408	-0.102	-0.720	-1.359	-1.940	-2.419	-2.792	-3.068	-3.242
1291	12.90	-3.285	-3.166	-2.881	-2.480	-2.071	-1.777	-1.691	-1.828	-2.116	-2.435
1301	13.00	-2.666	-2.751	-2.702	-2.587	-2.470	-2.365	-2.225	-1.963	-1.509	-0.864
1311	13.10	-0.111	0.600	1.120	1.350	1.274	0.951	0.473	-0.073	-0.629	-1.147
1321	13.20	-1.561	-1.768	-1.640	-1.071	-0.063	1.335	2.827	4.137	5.005	5.292
1331	13.30	5.018	4.337	3.454	2.565	1.695	0.900	0.121	-0.654	-1.370	-1.909
1341	13.40	-2.150	-2.037	-1.624	-1.074	-0.599	-0.372	-0.456	-0.778	-1.162	-1.404
1351	13.50	-1.355	-0.980	-0.366	0.313	0.866	1.167	1.108	0.805	0.384	0.031
1361	13.60	-0.078	0.176	0.811	1.746	2.816	3.820	4.578	4.989	5.048	4.833
1371	13.70	4.457	4.011	3.523	2.964	2.289	1.498	0.678	-0.003	-0.361	-0.289
1381	13.80	0.164	0.771	1.189	1.087	0.281	-1.173	-2.983	-4.724	-5.989	-6.536
1391	13.90	-6.359	-5.667	-4.768	-3.945	-3.353	-2.996	-2.774	-2.571	-2.331	-2.079
1401	14.00	-1.887	-1.808	-1.817	-1.802	-1.609	-1.111	-0.280	0.788	1.906	2.860
1411	14.10	3.484	3.701	3.526	3.029	2.293	1.395	0.412	-0.550	-1.338	-1.768
1421	14.20	-1.678	-1.005	0.153	1.529	2.742	3.413	3.292	2.347	0.791	-0.976
1431	14.30	-2.495	-3.375	-3.407	-2.610	-1.204	0.457	1.994	3.093	3.573	3.409
1441	14.40	2.721	1.725	0.669	-0.234	-0.861	-1.206	-1.367	-1.494	-1.726	-2.124
1451	14.50	-2.638	-3.119	-3.378	-3.269	-2.754	-1.936	-1.024	-0.258	0.186	0.267
1461	14.60	0.094	-0.115	-0.123	0.228	0.951	1.907	2.852	3.524	3.732	3.409
1471	14.70	2.631	1.578	0.475	-0.469	-1.111	-1.388	-1.317	-0.970	-0.457	0.107
1481	14.80	0.610	0.968	1.128	1.077	0.841	0.470	0.024	-0.441	-0.878	-1.244
1491	14.90	-1.490	-1.555	-1.368	-0.874	-0.063	1.005	2.190	3.304	4.158	4.621

Table 7-40-4

TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	4.659	4.364	3.817	3.230	2.688	2.214	1.765	1.271	0.700	0.087
1511	15.10	-0.656	-0.792	-0.815	-0.513	0.017	0.601	1.046	1.225	1.120	0.834
1521	15.20	0.541	0.419	0.574	1.004	1.595	2.167	2.537	2.578	2.255	1.636
1531	15.30	0.860	0.101	-0.483	-0.793	-0.805	-0.582	-0.249	0.041	0.148	-0.011
1541	15.40	-0.444	-1.088	-1.832	-2.566	-3.211	-3.743	-4.175	-4.535	-4.823	-4.999
1551	15.50	-4.991	-4.729	-4.188	-3.421	-2.553	-1.750	-1.156	-0.850	-0.817	-0.967
1561	15.60	-1.169	-1.312	-1.332	-1.228	-1.036	-0.800	-0.543	-0.266	0.047	0.400
1571	15.70	0.772	1.122	1.403	1.592	1.705	1.796	1.937	2.182	2.538	2.961
1581	15.80	3.359	3.625	3.666	3.435	2.937	2.228	1.397	0.546	-0.236	-0.896
1591	15.90	-1.425	-1.863	-2.282	-2.751	-3.308	-3.925	-4.505	-4.903	-4.973	-4.631
1601	16.00	-3.895	-2.895	-1.840	-0.951	-0.390	-0.205	-0.328	-0.605	-0.863	-0.973
1611	16.10	-0.890	-0.652	-0.348	-0.074	0.110	0.197	0.220	0.235	0.287	0.400
1621	16.20	0.570	0.775	0.986	1.174	1.311	1.372	1.335	1.188	0.938	0.611
1631	16.30	0.252	-0.091	-0.382	-0.604	-0.772	-0.914	-1.062	-1.238	-1.441	-1.657
1641	16.40	-1.860	-2.030	-2.156	-2.239	-2.285	-2.294	-2.261	-2.175	-2.023	-1.802
1651	16.50	-1.527	-1.227	-0.945	-0.720	-0.577	-0.510	-0.481	-0.429	-0.291	-0.028
1661	16.60	0.349	0.775	1.144	1.350	1.331	1.106	0.782	0.525	0.497	0.787
1671	16.70	1.368	2.094	2.751	3.140	3.148	2.799	2.233	1.645	1.200	0.972
1681	16.80	0.922	0.932	0.881	0.702	0.421	0.137	-0.034	-0.019	0.174	0.462
1691	16.90	0.735	0.906	0.955	0.928	0.902	0.940	1.051	1.195	1.311	1.361
1701	17.00	1.358	1.359	1.428	1.582	1.762	1.843	1.685	1.208	0.445	-0.444
1711	17.10	-1.222	-1.654	-1.593	-1.030	-0.085	1.048	2.172	3.154	3.943	4.551
1721	17.20	5.005	5.310	5.437	5.338	4.991	4.427	3.738	3.048	2.468	2.052
1731	17.30	1.782	1.581	1.361	1.063	0.683	0.275	-0.085	-0.327	-0.420	-0.374
1741	17.40	-0.223	-0.012	0.222	0.447	0.625	0.701	0.610	0.297	-0.250	-0.985
1751	17.50	-1.798	-2.550	-3.117	-3.436	-3.522	-3.456	-3.345	-3.277	-3.286	-3.359
1761	17.60	-3.461	-3.567	-3.683	-3.839	-4.052	-4.289	-4.453	-4.403	-4.012	-3.236
1771	17.70	-2.158	-0.984	0.022	0.628	0.730	0.393	-0.168	-0.674	-0.875	-0.644
1781	17.80	-0.006	0.891	1.846	2.681	3.290	3.648	3.780	3.716	3.462	3.003
1791	17.90	2.328	1.467	0.506	-0.418	-1.161	-1.617	-1.758	-1.639	-1.374	-1.095
1801	18.00	-0.909	-0.871	-0.985	-1.220	-1.529	-1.860	-2.160	-2.371	-2.426	-2.265
1811	18.10	-1.859	-1.232	-0.477	0.255	0.791	0.988	0.775	0.189	-0.637	-1.503
1821	18.20	-2.199	-2.566	-2.539	-2.161	-1.570	-0.955	-0.499	-0.321	-0.439	-0.765
1831	18.30	-1.130	-1.349	-1.278	-0.871	-0.196	0.587	1.285	1.741	1.889	1.769
1841	18.40	1.500	1.222	1.038	0.971	0.970	0.947	0.825	0.587	0.280	-0.002
1851	18.50	-0.172	-0.186	-0.068	0.105	0.235	0.247	0.109	-0.159	-0.508	-0.882
1861	18.60	-1.239	-1.552	-1.796	-1.948	-1.977	-1.863	-1.612	-1.266	-0.889	-0.561
1871	18.70	-0.327	-0.191	-0.113	-0.033	0.098	0.288	0.511	0.720	0.882	0.998
1881	18.80	1.102	1.239	1.433	1.668	1.894	2.059	2.146	2.193	2.279	2.477
1891	18.90	2.799	3.166	3.427	3.420	3.058	2.380	1.563	0.850	0.451	0.449
1901	19.00	0.760	1.173	1.450	1.440	1.151	0.742	0.438	0.418	0.716	1.199
1911	19.10	1.627	1.767	1.496	0.867	0.073	-0.635	-1.061	-1.144	-0.969	-0.716
1921	19.20	-0.572	-0.655	-0.976	-1.464	-2.008	-2.516	-2.936	-3.253	-3.462	-3.545
1931	19.30	-3.674	-3.228	-2.825	-2.328	-1.835	-1.434	-1.159	-0.968	-0.760	-0.426
1941	19.40	0.095	0.770	1.478	2.053	2.352	2.314	1.981	1.478	0.960	0.548
1951	19.50	0.297	0.188	0.154	0.117	0.021	-0.160	-0.425	-0.756	-1.122	-1.476
1961	19.60	-1.750	-1.855	-1.704	-1.247	-0.507	0.405	1.305	1.989	2.294	2.159
1971	19.70	1.648	0.922	0.187	-0.386	-0.708	-0.803	-0.771	-0.745	-0.821	-1.021
1981	19.80	-1.284	-1.495	-1.533	-1.331	-0.903	-0.348	0.185	0.551	0.663	0.528
1991	19.90	0.243	-0.037	-0.161	-0.040	0.312	0.784	1.208	1.425	1.347	0.991

Table 7-40-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.478	-0.018	-0.332	-0.366	-0.120	0.317	0.805	1.204	1.417	1.406
2011	20.10	1.197	0.852	0.453	0.084	-0.188	-0.316	-0.288	-0.133	0.073	0.229
2021	20.20	0.235	0.032	-0.365	-0.858	-1.311	-1.585	-1.608	-1.407	-1.100	-0.845
2031	20.30	-0.776	-0.936	-1.264	-1.618	-1.838	-1.820	-1.548	-1.105	-0.621	-0.222
2041	20.40	0.025	0.121	0.121	0.089	0.065	0.051	0.026	-0.026	-0.091	-0.120
2051	20.50	-0.053	0.148	0.470	0.841	1.156	1.315	1.262	1.004	0.606	0.159
2061	20.60	-0.257	-0.593	-0.841	-1.018	-1.146	-1.234	-1.276	-1.259	-1.178	-1.044
2071	20.70	-0.880	-0.712	-0.553	-0.390	-0.191	0.091	0.492	1.028	1.677	2.388
2081	20.80	3.083	3.675	4.086	4.264	4.197	3.912	3.474	2.968	2.476	2.057
2091	20.90	1.733	1.491	1.298	1.118	0.929	0.719	0.488	0.225	-0.092	-0.492
2101	21.00	-0.982	-1.528	-2.037	-2.370	-2.388	-2.007	-1.241	-0.229	0.805	1.606
2111	21.10	1.980	1.846	1.268	0.421	-0.467	-1.195	-1.642	-1.784	-1.677	-1.414
2121	21.20	-1.085	-0.748	-0.429	-0.137	0.113	0.298	0.382	0.335	0.154	-0.136
2131	21.30	-0.479	-0.808	-1.061	-1.199	-1.213	-1.121	-0.964	-0.788	-0.637	-0.542
2141	21.40	-0.512	-0.537	-0.584	-0.612	-0.584	-0.484	-0.320	-0.122	0.070	0.225
2151	21.50	0.338	0.425	0.518	0.646	0.814	1.000	1.168	1.282	1.333	1.347
2161	21.60	1.369	1.448	1.600	1.798	1.973	2.038	1.923	1.604	1.108	0.506
2171	21.70	-0.122	-0.708	-1.223	-1.667	-2.055	-2.390	-2.658	-2.822	-2.847	-2.717
2181	21.80	-2.456	-2.118	-1.772	-1.472	-1.235	-1.037	-0.824	-0.543	-0.168	0.282
2191	21.90	0.746	1.144	1.406	1.501	1.446	1.298	1.132	1.011	0.969	0.997
2201	22.00	1.062	1.119	1.138	1.113	1.063	1.019	1.007	1.039	1.102	1.177
2211	22.10	1.250	1.321	1.412	1.551	1.752	1.995	2.222	2.350	2.298	2.021
2221	22.20	1.535	0.914	0.267	-0.300	-0.725	-1.010	-1.208	-1.396	-1.636	-1.944
2231	22.30	-2.290	-2.615	-2.868	-3.034	-3.137	-3.226	-3.343	-3.492	-3.634	-3.700
2241	22.40	-3.628	-3.397	-3.038	-2.626	-2.241	-1.932	-1.697	-1.492	-1.267	-0.999
2251	22.50	-0.720	-0.510	-0.453	-0.592	-0.892	-1.242	-1.493	-1.516	-1.264	-0.792
2261	22.60	-0.239	0.230	0.493	0.514	0.356	0.141	-0.002	0.000	0.145	0.362
2271	22.70	0.551	0.632	0.581	0.429	0.247	0.105	0.040	0.049	0.091	0.118
2281	22.80	0.097	0.025	-0.074	-0.162	-0.211	-0.217	-0.201	-0.198	-0.249	-0.377
2291	22.90	-0.582	-0.835	-1.088	-1.280	-1.354	-1.267	-1.002	-0.576	-0.036	0.548
2301	23.00	1.104	1.572	1.923	2.170	2.361	2.562	2.836	3.215	3.689	4.201
2311	23.10	4.660	4.965	5.032	4.818	4.336	3.655	2.884	2.146	1.552	1.170
2321	23.20	1.012	1.034	1.147	1.245	1.233	1.049	0.683	0.175	-0.400	-0.947
2331	23.30	-1.387	-1.672	-1.802	-1.822	-1.811	-1.850	-1.993	-2.241	-2.538	-2.784
2341	23.40	-2.874	-2.744	-2.402	-1.943	-1.520	-1.288	-1.347	-1.688	-2.191	-2.662
2351	23.50	-2.902	-2.783	-2.294	-1.542	-0.706	0.037	0.578	0.906	1.098	1.263
2361	23.60	1.490	1.798	2.142	2.441	2.624	2.666	2.594	2.463	2.314	2.150
2371	23.70	1.932	1.606	1.150	0.598	0.050	-0.370	-0.559	-0.486	-0.205	0.161
2381	23.80	0.477	0.650	0.662	0.576	0.490	0.496	0.635	0.880	1.158	1.382
2391	23.90	1.493	1.475	1.352	1.169	0.964	0.752	0.524	0.261	-0.043	-0.375
2401	24.00	-0.695	-0.950	-1.094	-1.099	-0.967	-0.731	-0.444	-0.165	0.059	0.208
2411	24.10	0.292	0.346	0.419	0.543	0.717	0.897	1.010	0.977	0.762	0.387
2421	24.20	-0.057	-0.445	-0.672	-0.701	-0.595	-0.494	-0.559	-0.897	-1.500	-2.235
2431	24.30	-2.886	-3.236	-3.160	-2.674	-1.928	-1.151	-0.551	-0.246	-0.220	-0.355
2441	24.40	-0.493	-0.508	-0.359	-0.088	0.215	0.464	0.625	0.719	0.797	0.905
2451	24.50	1.045	1.173	1.219	1.133	0.912	0.608	0.309	0.096	0.007	0.019
2461	24.60	0.066	0.069	-0.021	-0.203	-0.427	-0.622	-0.726	-0.718	-0.617	-0.473
2471	24.70	-0.337	-0.239	-0.182	-0.146	-0.106	-0.051	0.015	0.072	0.111	0.137
2481	24.80	0.181	0.285	0.483	0.776	1.127	1.462	1.695	1.757	1.621	1.314
2491	24.90	0.911	0.503	0.172	-0.040	-0.140	-0.180	-0.230	-0.350	-0.567	-0.865

Table 7-40-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-1.191	-1.480	-1.676	-1.756	-1.732	-1.643	-1.538	-1.446	-1.369	-1.277
2511	25.10	-1.122	-0.863	-0.487	-0.021	0.471	0.905	1.206	1.328	1.274	1.090
2521	25.20	0.852	0.635	0.495	0.445	0.464	0.505	0.523	0.492	0.417	0.326
2531	25.30	0.254	0.224	0.235	0.259	0.259	0.210	0.114	0.005	-0.070	-0.073
2541	25.40	-0.005	0.084	0.106	-0.029	-0.376	-0.920	-1.571	-2.193	-2.649	-2.855
2551	25.50	-2.816	-2.621	-2.410	-2.314	-2.404	-2.655	-2.963	-3.182	-3.185	-2.914
2561	25.60	-2.404	-1.764	-1.132	-0.625	-0.294	-0.116	-0.017	0.096	0.286	0.563
2571	25.70	0.891	1.202	1.436	1.562	1.591	1.561	1.518	1.494	1.498	1.519
2581	25.80	1.545	1.573	1.615	1.688	1.796	1.915	1.991	1.958	1.763	1.400
2591	25.90	0.918	0.409	-0.018	-0.286	-0.376	-0.332	-0.242	-0.199	-0.259	-0.420
2601	26.00	-0.631	-0.813	-0.905	-0.888	-0.791	-0.673	-0.591	-0.576	-0.620	-0.683
2611	26.10	-0.722	-0.711	-0.657	-0.590	-0.549	-0.559	-0.623	-0.726	-0.848	-0.980
2621	26.20	-1.132	-1.324	-1.570	-1.860	-2.151	-2.380	-2.477	-2.398	-2.133	-1.713
2631	26.30	-1.200	-0.661	-0.156	0.279	0.631	0.909	1.135	1.344	1.576	1.865
2641	26.40	2.227	2.649	3.078	3.436	3.634	3.614	3.376	2.990	2.583	2.298
2651	26.50	2.243	2.446	2.848	3.319	3.709	3.906	3.872	3.651	3.341	3.045
2661	26.60	2.827	2.692	2.589	2.453	2.239	1.950	1.636	1.359	1.163	1.039
2671	26.70	0.925	0.736	0.406	-0.076	-0.646	-1.183	-1.575	-1.755	-1.745	-1.650
2681	26.80	-1.620	-1.782	-2.182	-2.762	-3.375	-3.845	-4.037	-3.914	-3.547	-3.087
2691	26.90	-2.699	-2.493	-2.487	-2.599	-2.697	-2.651	-2.390	-1.924	-1.334	-0.729
2701	27.00	-0.203	0.202	0.495	0.725	0.941	1.172	1.413	1.629	1.783	1.847
2711	27.10	1.819	1.726	1.607	1.507	1.460	1.487	1.587	1.739	1.901	2.016
2721	27.20	2.025	1.885	1.586	1.161	0.684	0.248	-0.065	-0.207	-0.189	-0.074
2731	27.30	0.047	0.081	-0.034	-0.317	-0.738	-1.237	-1.741	-2.181	-2.506	-2.690
2741	27.40	-2.737	-2.678	-2.563	-2.450	-2.384	-2.380	-2.412	-2.419	-2.326	-2.083
2751	27.50	-1.681	-1.172	-0.642	-0.181	0.158	0.381	0.549	0.737	1.000	1.333
2761	27.60	1.673	1.930	2.034	1.975	1.816	1.662	1.613	1.707	1.898	2.072
2771	27.70	2.097	1.884	1.435	0.841	0.253	-0.188	-0.401	-0.395	-0.256	-0.108
2781	27.80	-0.054	-0.139	-0.343	-0.598	-0.827	-0.978	-1.043	-1.055	-1.066	-1.124
2791	27.90	-1.250	-1.434	-1.643	-1.833	-1.966	-2.020	-1.992	-1.893	-1.744	-1.565
2801	28.00	-1.376	-1.191	-1.020	-0.874	-0.765	-0.704	-0.696	-0.739	-0.814	-0.894
2811	28.10	-0.949	-0.958	-0.919	-0.853	-0.794	-0.774	-0.805	-0.873	-0.941	-0.970
2821	28.20	-0.936	-0.844	-0.723	-0.611	-0.525	-0.450	-0.346	-0.167	0.098	0.411
2831	28.30	0.681	0.800	0.693	0.362	-0.103	-0.548	-0.810	-0.789	-0.482	0.006
2841	28.40	0.513	0.881	1.017	0.928	0.703	0.472	0.348	0.384	0.565	0.825
2851	28.50	1.082	1.277	1.389	1.434	1.448	1.473	1.536	1.651	1.814	2.006
2861	28.60	2.193	2.325	2.348	2.221	1.940	1.554	1.161	0.884	0.823	1.010
2871	28.70	1.386	1.811	2.113	2.160	1.911	1.447	0.939	0.583	0.517	0.769
2881	28.80	1.238	1.741	2.090	2.169	1.983	1.648	1.338	1.199	1.285	1.533
2891	28.90	1.793	1.901	1.758	1.386	0.919	0.554	0.461	0.703	1.209	1.794
2901	29.00	2.232	2.350	2.092	1.533	0.836	0.178	-0.331	-0.678	-0.937	-1.213
2911	29.10	-1.571	-1.996	-2.397	-2.655	-2.689	-2.509	-2.221	-1.980	-1.921	-2.091
2921	29.20	-2.422	-2.760	-2.934	-2.835	-2.467	-1.947	-1.451	-1.139	-1.091	-1.277
2931	29.30	-1.578	-1.850	-1.982	-1.943	-1.779	-1.586	-1.458	-1.454	-1.574	-1.777
2941	29.40	-2.001	-2.195	-2.326	-2.385	-2.370	-2.280	-2.116	-1.881	-1.599	-1.307
2951	29.50	-1.051	-0.867	-0.763	-0.714	-0.669	-0.573	-0.392	-0.131	0.166	0.434
2961	29.60	0.608	0.653	0.570	0.401	0.207	0.050	-0.030	-0.024	0.045	0.132
2971	29.70	0.185	0.160	0.033	-0.192	-0.481	-0.782	-1.030	-1.171	-1.172	-1.036
2981	29.80	-0.799	-0.520	-0.267	-0.089	-0.004	0.007	-0.012	-0.008	0.055	0.185
2991	29.90	0.358	0.526	0.647	0.699	0.698	0.692	0.742	0.898	1.171	1.523

Table 7-40-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	1.882	2.163	2.303	2.280	2.124	1.896	1.661	1.458	1.284	1.101
3011	30.10	0.863	0.545	0.166	-0.209	-0.494	-0.616	-0.548	-0.326	-0.034	0.230
3021	30.20	0.391	0.427	0.369	0.283	0.238	0.269	0.369	0.496	0.599	0.648
3031	30.30	0.646	0.630	0.646	0.730	0.885	1.080	1.269	1.407	1.476	1.489
3041	30.40	1.485	1.509	1.601	1.776	2.019	2.296	2.557	2.747	2.816	2.727
3051	30.50	2.468	2.057	1.550	1.029	0.586	0.300	0.210	0.303	0.519	0.773
3061	30.60	0.908	1.119	1.171	1.181	1.200	1.259	1.353	1.444	1.477	1.414
3071	30.70	1.249	1.018	0.780	0.589	0.472	0.414	0.377	0.313	0.199	0.042
3081	30.80	-0.122	-0.251	-0.327	-0.364	-0.409	-0.517	-0.718	-1.001	-1.312	-1.572
3091	30.90	-1.714	-1.715	-1.602	-1.449	-1.341	-1.340	-1.460	-1.667	-1.898	-2.091
3101	31.00	-2.213	-2.269	-2.298	-2.343	-2.435	-2.577	-2.747	-2.916	-3.063	-3.193
3111	31.10	-3.328	-3.494	-3.706	-3.947	-4.171	-4.317	-4.327	-4.174	-3.866	-3.449
3121	31.20	-2.992	-2.567	-2.225	-1.987	-1.840	-1.762	-1.641	-1.484	-1.238	-0.896
3131	31.30	-0.477	-0.028	0.396	0.740	0.970	1.074	1.074	1.010	0.934	0.893
3141	31.40	0.919	1.020	1.184	1.381	1.573	1.718	1.781	1.740	1.589	1.346
3151	31.50	1.050	0.755	0.514	0.370	0.337	0.400	0.520	0.647	0.738	0.770
3161	31.60	0.749	0.698	0.648	0.623	0.629	0.657	0.688	0.708	0.711	0.703
3171	31.70	0.695	0.694	0.690	0.659	0.564	0.376	0.086	-0.285	-0.681	-1.023
3181	31.80	-1.231	-1.248	-1.060	-0.703	-0.256	0.187	0.544	0.777	0.902	0.981
3191	31.90	1.092	1.295	1.601	1.965	2.307	2.543	2.629	2.584	2.480	2.417
3201	32.00	2.468	2.646	2.892	3.099	3.158	3.012	2.679	2.252	1.851	1.573
3211	32.10	1.446	1.417	1.378	1.217	0.868	0.346	-0.264	-0.840	-1.273	-1.507
3221	32.20	-1.555	-1.481	-1.366	-1.277	-1.247	-1.273	-1.335	-1.412	-1.500	-1.600
3231	32.30	-1.714	-1.832	-1.924	-1.951	-1.878	-1.689	-1.395	-1.026	-0.622	-0.223
3241	32.40	0.144	0.460	0.713	0.891	0.986	0.999	0.942	0.844	0.739	0.659
3251	32.50	0.619	0.612	0.619	0.621	0.611	0.609	0.648	0.760	0.961	1.231
3261	32.60	1.518	1.755	1.881	1.865	1.718	1.488	1.241	1.038	0.915	0.872
3271	32.70	0.880	0.892	0.864	0.771	0.614	0.419	0.231	0.090	0.020	0.017
3281	32.80	0.043	0.040	-0.052	-0.270	-0.612	-1.032	-1.450	-1.784	-1.975	-2.012
3291	32.90	-1.937	-1.828	-1.766	-1.802	-1.939	-2.132	-2.309	-2.404	-2.384	-2.262
3301	33.00	-2.089	-1.926	-1.821	-1.785	-1.799	-1.823	-1.821	-1.775	-1.695	-1.607
3311	33.10	-1.537	-1.501	-1.491	-1.488	-1.470	-1.425	-1.358	-1.286	-1.225	-1.185
3321	33.20	-1.160	-1.133	-1.084	-1.000	-0.887	-0.759	-0.643	-0.559	-0.520	-0.529
3331	33.30	-0.580	-0.663	-0.771	-0.901	-1.043	-1.184	-1.301	-1.364	-1.344	-1.224
3341	33.40	-1.006	-0.716	-0.399	-0.105	0.119	0.248	0.282	0.247	0.187	0.151
3351	33.50	0.178	0.288	0.477	0.719	0.975	1.205	1.378	1.480	1.512	1.491
3361	33.60	1.443	1.396	1.378	1.407	1.492	1.633	1.817	2.021	2.213	2.363
3371	33.70	2.444	2.442	2.361	2.216	2.038	1.857	1.698	1.575	1.489	1.427
3381	33.80	1.375	1.315	1.239	1.143	1.036	0.928	0.829	0.746	0.676	0.612
3391	33.90	0.541	0.455	0.353	0.240	0.133	0.046	-0.018	-0.065	-0.119	-0.207
3401	34.00	-0.347	-0.533	-0.733	-0.896	-0.967	-0.910	-0.730	-0.465	-0.182	0.052
3411	34.10	0.198	0.258	0.271	0.295	0.378	0.534	0.738	0.932	1.057	1.074
3421	34.20	0.981	0.812	0.617	0.443	0.312	0.222	0.152	0.079	-0.004	-0.087
3431	34.30	-0.149	-0.170	-0.145	-0.088	-0.024	0.022	0.038	0.026	0.003	-0.013
3441	34.40	-0.011	0.007	0.028	0.039	0.035	0.021	0.008	0.009	0.027	0.055
3451	34.50	0.080	0.088	0.069	0.022	-0.047	-0.135	-0.241	-0.367	-0.512	-0.669
3461	34.60	-0.819	-0.934	-0.988	-0.964	-0.864	-0.704	-0.512	-0.314	-0.127	0.043
3471	34.70	0.198	0.338	0.455	0.534	0.554	0.502	0.380	0.206	0.010	-0.174
3481	34.80	-0.324	-0.431	-0.503	-0.557	-0.611	-0.678	-0.761	-0.859	-0.969	-1.088
3491	34.90	-1.211	-1.331	-1.434	-1.501	-1.509	-1.443	-1.301	-1.099	-0.866	-0.638

Table 7-40-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.448	-0.310	-0.222	-0.164	-0.110	-0.033	0.080	0.228	0.399	0.571
3511	35.10	0.723	0.838	0.904	0.916	0.869	0.767	0.614	0.426	0.226	0.043
3521	35.20	-0.096	-0.176	-0.204	-0.205	-0.223	-0.297	-0.446	-0.652	-0.861	-0.997
3531	35.30	-0.989	-0.799	-0.442	0.010	0.454	0.783	0.929	0.881	0.688	0.436
3541	35.40	0.205	0.058	-0.000	-0.001	0.003	-0.027	-0.098	-0.183	-0.233	-0.209
3551	35.50	-0.100	0.073	0.260	0.415	0.513	0.560	0.590	0.639	0.723	0.823
3561	35.60	0.894	0.878	0.743	0.494	0.181	-0.119	-0.333	-0.420	-0.384	-0.265
3571	35.70	-0.121	0.004	0.090	0.148	0.204	0.280	0.376	0.469	0.528	0.526
3581	35.80	0.459	0.344	0.216	0.105	0.026	-0.025	-0.068	-0.121	-0.190	-0.267
3591	35.90	-0.336	-0.386	-0.420	-0.451	-0.500	-0.577	-0.674	-0.770	-0.839	-0.871
3601	36.00	-0.876	-0.885	-0.933	-1.037	-1.180	-1.317	-1.390	-1.356	-1.206	-0.974
3611	36.10	-0.716	-0.485	-0.308	-0.175	-0.054	0.089	0.260	0.428	0.541	0.548
3621	36.20	0.435	0.233	0.012	-0.150	-0.206	-0.159	-0.062	0.014	0.013	-0.071
3631	36.30	-0.190	-0.263	-0.214	-0.010	0.315	0.690	1.022	1.240	1.324	1.306
3641	36.40	1.249	1.220	1.259	1.367	1.511	1.641	1.710	1.687	1.562	1.343
3651	36.50	1.051	0.720	0.392	0.115	-0.065	-0.119	-0.042	0.134	0.353	0.567
3661	36.60	0.663	0.681	0.616	0.512	0.420	0.375	0.380	0.412	0.426	0.379
3671	36.70	0.250	0.038	-0.229	-0.511	-0.766	-0.954	-1.050	-1.041	-0.929	-0.734
3681	36.80	-0.493	-0.258	-0.087	-0.028	-0.111	-0.333	-0.665	-1.050	-1.429	-1.745
3691	36.90	-1.958	-2.048	-2.009	-1.848	-1.582	-1.237	-0.851	-0.470	-0.150	0.064
3701	37.00	0.143	0.086	-0.076	-0.287	-0.489	-0.632	-0.698	-0.702	-0.680	-0.679
3711	37.10	-0.725	-0.817	-0.919	-0.972	-0.922	-0.743	-0.451	-0.107	0.206	0.418
3721	37.20	0.497	0.470	0.409	0.405	0.523	0.773	1.102	1.411	1.601	1.613
3731	37.30	1.459	1.219	1.004	0.911	0.978	1.172	1.399	1.554	1.557	1.390
3741	37.40	1.097	0.758	0.447	0.209	0.040	-0.092	-0.227	-0.384	-0.554	-0.706
3751	37.50	-0.812	-0.865	-0.884	-0.903	-0.953	-1.035	-1.123	-1.168	-1.129	-0.990
3761	37.60	-0.773	-0.530	-0.313	-0.158	-0.067	-0.009	0.051	0.142	0.259	0.374
3771	37.70	0.450	0.459	0.402	0.309	0.223	0.180	0.195	0.252	0.318	0.361
3781	37.80	0.364	0.336	0.301	0.283	0.291	0.310	0.309	0.259	0.146	-0.018
3791	37.90	-0.193	-0.334	-0.406	-0.397	-0.325	-0.228	-0.143	-0.092	-0.074	-0.071
3801	38.00	-0.058	-0.021	0.037	0.097	0.135	0.138	0.116	0.094	0.107	0.179
3811	38.10	0.313	0.485	0.659	0.804	0.910	0.990	1.076	1.199	1.364	1.543
3821	38.20	1.684	1.728	1.642	1.432	1.149	0.864	0.638	0.501	0.432	0.383
3831	38.30	0.299	0.157	-0.021	-0.174	-0.231	-0.149	0.061	0.328	0.551	0.635
3841	38.40	0.536	0.278	-0.058	-0.363	-0.550	-0.582	-0.484	-0.326	-0.188	-0.125
3851	38.50	-0.148	-0.229	-0.319	-0.375	-0.380	-0.365	-0.300	-0.277	-0.289	-0.330
3861	38.60	-0.379	-0.412	-0.419	-0.404	-0.381	-0.370	-0.381	-0.410	-0.446	-0.473
3871	38.70	-0.481	-0.474	-0.461	-0.455	-0.463	-0.487	-0.516	-0.541	-0.552	-0.550
3881	38.80	-0.541	-0.536	-0.542	-0.562	-0.590	-0.615	-0.630	-0.632	-0.624	-0.617
3891	38.90	-0.619	-0.636	-0.664	-0.696	-0.718	-0.725	-0.713	-0.689	-0.663	-0.648
3901	39.00	-0.647	-0.658	-0.672	-0.675	-0.656	-0.607	-0.527	-0.422	-0.299	-0.167
3911	39.10	-0.034	0.092	0.203	0.295	0.368	0.429	0.489	0.565	0.669	0.801
3921	39.20	0.948	1.082	1.170	1.185	1.118	0.980	0.801	0.619	0.464	0.352
3931	39.30	0.278	0.224	0.169	0.098	0.009	-0.090	-0.185	-0.271	-0.348	-0.426
3941	39.40	-0.515	-0.617	-0.723	-0.813	-0.864	-0.863	-0.808	-0.714	-0.608	-0.515
3951	39.50	-0.455	-0.430	-0.430	-0.438	-0.435	-0.410	-0.365	-0.308	-0.255	-0.218
3961	39.60	-0.200	-0.197	-0.195	-0.180	-0.141	-0.081	-0.013	0.035	0.036	-0.028
3971	39.70	-0.159	-0.338	-0.528	-0.689	-0.791	-0.823	-0.796	-0.736	-0.676	-0.638
3981	39.80	-0.629	-0.640	-0.654	-0.656	-0.641	-0.610	-0.567	-0.514	-0.446	-0.358
3991	39.90	-0.249	-0.129	-0.019	0.054	0.077	0.059	0.033	0.051	0.156	0.364

Table 7-40-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.650	0.954	1.200	1.329	1.318	1.196	1.023	0.870	0.791	0.798
4011	40.10	0.867	0.951	1.006	1.011	0.972	0.918	0.878	0.872	0.897	0.935
4021	40.20	0.962	0.965	0.946	0.917	0.896	0.893	0.907	0.927	0.939	0.938
4031	40.30	0.926	0.911	0.903	0.905	0.912	0.917	0.917	0.910	0.905	0.908
4041	40.40	0.919	0.927	0.916	0.869	0.781	0.663	0.537	0.428	0.353	0.309
4051	40.50	0.278	0.234	0.159	0.054	-0.059	-0.147	-0.174	-0.124	0.000	0.172
4061	40.60	0.355	0.513	0.625	0.684	0.696	0.674	0.634	0.586	0.539	0.500
4071	40.70	0.474	0.463	0.465	0.474	0.479	0.474	0.457	0.431	0.407	0.393
4081	40.80	0.394	0.403	0.410	0.404	0.383	0.352	0.325	0.313	0.320	0.338
4091	40.90	0.351	0.345	0.315	0.271	0.233	0.222	0.244	0.290	0.329	0.326
4101	41.00	0.254	0.108	-0.094	-0.317	-0.528	-0.705	-0.849	-0.977	-1.110	-1.263
4111	41.10	-1.430	-1.593	-1.723	-1.803	-1.831	-1.824	-1.812	-1.822	-1.869	-1.954
4121	41.20	-2.063	-2.179	-2.290	-2.389	-2.479	-2.556	-2.609	-2.622	-2.575	-2.458
4131	41.30	-2.279	-2.068	-1.862	-1.698	-1.593	-1.539	-1.508	-1.463	-1.376	-1.241
4141	41.40	-1.079	-0.923	-0.807	-0.750	-0.747	-0.772	-0.795	-0.793	-0.761	-0.710
4151	41.50	-0.660	-0.627	-0.613	-0.607	-0.591	-0.555	-0.500	-0.440	-0.394	-0.373
4161	41.60	-0.372	-0.374	-0.355	-0.305	-0.230	-0.159	-0.127	-0.156	-0.248	-0.373
4171	41.70	-0.491	-0.563	-0.580	-0.559	-0.540	-0.563	-0.642	-0.759	-0.868	-0.920
4181	41.80	-0.884	-0.764	-0.596	-0.429	-0.298	-0.211	-0.146	-0.068	0.043	0.180
4191	41.90	0.310	0.395	0.421	0.415	0.440	0.569	0.841	1.242	1.692	2.083
4201	42.00	2.315	2.348	2.217	2.012	1.837	1.763	1.796	1.884	1.931	1.948
4211	42.10	1.879	1.805	1.809	1.949	2.217	2.533	2.781	2.856	2.720	2.415
4221	42.20	2.051	1.753	1.612	1.662	1.792	1.970	2.094	2.130	2.096	2.044
4231	42.30	2.021	2.042	2.075	2.044	1.957	1.738	1.436	1.111	0.825	0.618
4241	42.40	0.487	0.400	0.319	0.221	0.114	0.027	-0.097	0.026	0.113	0.212
4251	42.50	0.279	0.288	0.240	0.163	0.096	0.068	0.083	0.125	0.162	0.170
4261	42.60	0.142	0.092	0.044	0.021	0.030	0.063	0.102	0.129	0.136	0.128
4271	42.70	0.115	0.111	0.120	0.140	0.161	0.175	0.179	0.175	0.171	0.171
4281	42.80	0.178	0.189	0.201	0.211	0.218	0.224	0.230	0.234	0.235	0.231
4291	42.90	0.228	0.232	0.251	0.284	0.318	0.329	0.289	0.178	-0.004	-0.238
4301	43.00	-0.487	-0.713	-0.890	-1.016	-1.110	-1.205	-1.328	-1.488	-1.674	-1.859
4311	43.10	-2.019	-2.144	-2.246	-2.350	-2.484	-2.661	-2.867	-3.070	-3.226	-3.304
4321	43.20	-3.297	-3.227	-3.133	-3.057	-3.023	-3.027	-3.060	-3.023	-2.945	-2.794
4331	43.30	-2.588	-2.361	-2.151	-1.984	-1.865	-1.778	-1.696	-1.595	-1.464	-1.307
4341	43.40	-1.143	-0.989	-0.859	-0.752	-0.653	-0.546	-0.420	-0.273	-0.115	0.037
4351	43.50	0.169	0.279	0.375	0.477	0.600	0.752	0.924	1.092	1.227	1.306
4361	43.60	1.318	1.275	1.201	1.123	1.066	1.040	1.045	1.074	1.126	1.204
4371	43.70	1.320	1.482	1.686	1.908	2.108	2.239	2.265	2.176	1.993	1.762
4381	43.80	1.537	1.360	1.246	1.183	1.139	1.082	0.993	0.874	0.744	0.625
4391	43.90	0.531	0.458	0.390	0.309	0.204	0.082	-0.040	-0.143	-0.223	-0.294
4401	44.00	-0.381	-0.512	-0.697	-0.917	-1.132	-1.292	-1.363	-1.342	-1.259	-1.165
4411	44.10	-1.107	-1.106	-1.146	-1.181	-1.155	-1.033	-0.811	-0.525	-0.231	0.019
4421	44.20	0.201	0.327	0.433	0.562	0.737	0.949	1.161	1.326	1.414	1.425
4431	44.30	1.394	1.371	1.400	1.494	1.628	1.746	1.788	1.716	1.531	1.270
4441	44.40	0.998	0.771	0.622	0.545	0.506	0.458	0.363	0.214	0.026	-0.162
4451	44.50	-0.316	-0.411	-0.445	-0.434	-0.398	-0.359	-0.325	-0.302	-0.287	-0.280
4461	44.60	-0.279	-0.284	-0.285	-0.270	-0.223	-0.137	-0.018	0.113	0.226	0.298
4471	44.70	0.323	0.319	0.320	0.359	0.450	0.581	0.713	0.805	0.832	0.807
4481	44.80	0.773	0.787	0.887	1.068	1.273	1.418	1.425	1.263	0.972	0.649
4491	44.90	0.417	0.369	0.531	0.843	1.189	1.438	1.500	1.358	1.072	0.745

Table 7-40-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.479	0.332	0.300	0.329	0.347	0.300	0.178	0.010	-0.156	-0.278
4511	45.10	-0.342	-0.369	-0.397	-0.460	-0.569	-0.710	-0.850	-0.961	-1.031	-1.074
4521	45.20	-1.116	-1.185	-1.291	-1.424	-1.557	-1.663	-1.731	-1.772	-1.814	-1.885
4531	45.30	-2.000	-2.149	-2.298	-2.404	-2.433	-2.376	-2.247	-2.085	-1.929	-1.810
4541	45.40	-1.738	-1.702	-1.677	-1.640	-1.579	-1.496	-1.403	-1.319	-1.257	-1.222
4551	45.50	-1.211	-1.212	-1.216	-1.216	-1.208	-1.196	-1.181	-1.165	-1.147	-1.125
4561	45.60	-1.101	-1.074	-1.051	-1.035	-1.028	-1.028	-1.025	-1.007	-0.962	-0.883
4571	45.70	-0.773	-0.642	-0.505	-0.379	-0.273	-0.187	-0.115	-0.044	0.037	0.133
4581	45.80	0.239	0.345	0.439	0.512	0.563	0.600	0.636	0.683	0.747	0.826
4591	45.90	0.911	0.990	1.055	1.106	1.149	1.197	1.261	1.347	1.455	1.576
4601	46.00	1.700	1.818	1.925	2.024	2.121	2.220	2.326	2.436	2.544	2.646
4611	46.10	2.739	2.828	2.918	3.018	3.133	3.259	3.388	3.504	3.590	3.631
4621	46.20	3.619	3.551	3.434	3.277	3.093	2.893	2.687	2.482	2.281	2.084
4631	46.30	1.893	1.705	1.523	1.366	1.175	1.010	0.847	0.681	0.508	0.325
4641	46.40	0.133	-0.061	-0.246	-0.418	-0.574	-0.723	-0.879	-1.056	-1.262	-1.486
4651	46.50	-1.705	-1.886	-1.995	-2.018	-1.961	-1.853	-1.737	-1.653	-1.624	-1.645
4661	46.60	-1.694	-1.735	-1.738	-1.692	-1.606	-1.503	-1.409	-1.342	-1.302	-1.277
4671	46.70	-1.250	-1.207	-1.148	-1.081	-1.019	-0.970	-0.934	-0.901	-0.859	-0.802
4681	46.80	-0.735	-0.671	-0.628	-0.617	-0.636	-0.675	-0.712	-0.733	-0.732	-0.714
4691	46.90	-0.693	-0.680	-0.681	-0.694	-0.707	-0.712	-0.705	-0.690	-0.676	-0.671
4701	47.00	-0.678	-0.691	-0.702	-0.702	-0.691	-0.674	-0.662	-0.661	-0.672	-0.688
4711	47.10	-0.698	-0.695	-0.680	-0.660	-0.648	-0.651	-0.667	-0.687	-0.699	-0.693
4721	47.20	-0.672	-0.647	-0.633	-0.639	-0.663	-0.691	-0.707	-0.698	-0.668	-0.632
4731	47.30	-0.612	-0.621	-0.659	-0.704	-0.730	-0.718	-0.667	-0.603	-0.563	-0.577
4741	47.40	-0.651	-0.754	-0.831	-0.821	-0.688	-0.438	-0.123	0.181	0.400	0.491
4751	47.50	0.459	0.354	0.243	0.184	0.207	0.300	0.424	0.533	0.596	0.610
4761	47.60	0.595	0.584	0.601	0.657	0.737	0.820	0.882	0.913	0.922	0.924
4771	47.70	0.941	0.982	1.048	1.125	1.196	1.246	1.266	1.256	1.221	1.170
4781	47.80	1.109	1.046	0.984	0.928	0.882	0.847	0.821	0.800	0.776	0.745
4791	47.90	0.705	0.659	0.611	0.569	0.535	0.507	0.482	0.453	0.417	0.375
4801	48.00	0.330	0.287	0.251	0.220	0.192	0.163	0.130	0.090	0.047	0.005
4811	48.10	-0.034	-0.067	-0.096	-0.124	-0.155	-0.191	-0.232	-0.276	-0.321	-0.360
4821	48.20	-0.391	-0.410	-0.416	-0.410	-0.394	-0.375	-0.357	-0.345	-0.343	-0.349
4831	48.30	-0.360	-0.369	-0.373	-0.369	-0.357	-0.345	-0.339	-0.345	-0.361	-0.381
4841	48.40	-0.389	-0.367	-0.302	-0.188	-0.036	0.132	0.287	0.401	0.455	0.449
4851	48.50	0.399	0.332	0.275	0.246	0.249	0.273	0.301	0.316	0.312	0.295
4861	48.60	0.276	0.270	0.281	0.303	0.323	0.330	0.318	0.295	0.276	0.276
4871	48.70	0.299	0.334	0.361	0.359	0.323	0.269	0.236	0.268	0.399	0.631
4881	48.80	0.930	1.235	1.474	1.596	1.584	1.462	1.287	1.120	1.011	0.978
4891	48.90	1.005	1.053	1.082	1.060	0.976	0.861	0.677	0.506	0.343	0.193
4901	49.00	0.055	-0.074	-0.195	-0.306	-0.400	-0.475	-0.530	-0.571	-0.607	-0.665
4911	49.10	-0.892	-0.751	-0.821	-0.898	-0.976	-1.051	-1.118	-1.175	-1.226	-1.275
4921	49.20	-1.331	-1.397	-1.476	-1.561	-1.644	-1.713	-1.759	-1.781	-1.784	-1.776
4931	49.30	-1.764	-1.748	-1.719	-1.667	-1.580	-1.459	-1.313	-1.161	-1.021	-0.905
4941	49.40	-0.812	-0.730	-0.643	-0.541	-0.426	-0.313	-0.222	-0.169	-0.158	-0.177
4951	49.50	-0.204	-0.216	-0.199	-0.155	-0.096	-0.042	-0.004	0.016	0.025	0.039
4961	49.60	0.065	0.107	0.155	0.198	0.229	0.248	0.262	0.281	0.313	0.357
4971	49.70	0.404	0.444	0.470	0.485	0.498	0.520	0.557	0.606	0.655	0.693
4981	49.80	0.714	0.723	0.732	0.756	0.799	0.856	0.911	0.948	0.961	0.957
4991	49.90	0.958	0.982	1.038	1.115	1.185	1.218	1.200	1.140	1.074	1.045

Table 7-40-11

TABLE OF CORRECTED ACCELERATION RECORD

NO.11

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	1.080	1.173	1.275	1.316	1.230	0.993	0.635	0.238	-0.091	-0.266
5011	50.10	-0.252	-0.081	0.161	0.373	0.481	0.463	0.353	0.224	0.144	0.150
5021	50.20	0.231	0.339	0.417	0.428	0.373	0.288	0.221	0.203	0.228	0.257
5031	50.30	0.235	0.124	-0.071	-0.298	-0.475	-0.524	-0.408	-0.154	0.162	0.435
5041	50.40	0.578	0.555	0.391	0.164	-0.034	-0.134	-0.115	-0.010	0.111	0.175
5051	50.50	0.138	-0.005	-0.216	-0.436	-0.614	-0.723	-0.770	-0.787	-0.817	-0.890
5061	50.60	-1.016	-1.179	-1.348	-1.484	-1.557	-1.549	-1.456	-1.290	-1.071	-0.826
5071	50.70	-0.589	-0.393	-0.266	-0.224	-0.266	-0.373	-0.512	-0.645	-0.744	-0.795
5081	50.80	-0.805	-0.795	-0.792	-0.814	-0.869	-0.947	-1.028	-1.088	-1.109	-1.083
5091	50.90	-1.012	-0.905	-0.777	-0.641	-0.512	-0.398	-0.307	-0.239	-0.186	-0.137
5101	51.00	-0.077	0.006	0.113	0.230	0.335	0.403	0.416	0.376	0.304	0.233
5111	51.10	0.193	0.200	0.246	0.302	0.334	0.319	0.259	0.187	0.152	0.199
5121	51.20	0.347	0.577	0.832	1.038	1.130	1.074	0.881	0.602	0.305	0.055
5131	51.30	-0.113	-0.199	-0.233	-0.266	-0.333	-0.461	-0.642	-0.845	-1.025	-1.140
5141	51.40	-1.158	-1.071	-0.897	-0.670	-0.434	-0.230	-0.084	0.002	0.050	0.094
5151	51.50	0.166	0.284	0.442	0.608	0.743	0.809	0.794	0.712	0.600	0.499
5161	51.60	0.440	0.430	0.451	0.473	0.470	0.435	0.381	0.334	0.315	0.327
5171	51.70	0.355	0.369	0.346	0.281	0.193	0.117	0.080	0.091	0.123	0.130
5181	51.80	0.063	-0.101	-0.344	-0.611	-0.827	-0.930	-0.895	-0.744	-0.537	-0.344
5191	51.90	-0.220	-0.180	-0.204	-0.246	-0.263	-0.232	-0.156	-0.063	0.016	0.062
5201	52.00	0.075	0.074	0.082	0.115	0.175	0.246	0.311	0.355	0.378	0.390
5211	52.10	0.407	0.442	0.496	0.559	0.618	0.661	0.687	0.705	0.726	0.762
5221	52.20	0.814	0.874	0.931	0.974	1.000	1.018	1.038	1.074	1.130	1.197
5231	52.30	1.261	1.305	1.316	1.293	1.244	1.183	1.126	1.084	1.057	1.043
5241	52.40	1.031	1.016	0.994	0.968	0.940	0.914	0.893	0.875	0.857	0.836
5251	52.50	0.812	0.785	0.759	0.735	0.716	0.700	0.685	0.668	0.643	0.608
5261	52.60	0.560	0.499	0.428	0.353	0.278	0.210	0.153	0.104	0.062	0.018
5271	52.70	-0.032	-0.091	-0.158	-0.226	-0.288	-0.340	-0.383	-0.424	-0.470	-0.527
5281	52.80	-0.596	-0.669	-0.736	-0.789	-0.826	-0.856	-0.893	-0.950	-1.030	-1.124
5291	52.90	-1.210	-1.265	-1.268	-1.217	-1.123	-1.009	-0.901	-0.813	-0.750	-0.701
5301	53.00	-0.652	-0.595	-0.532	-0.476	-0.446	-0.455	-0.505	-0.583	-0.671	-0.748
5311	53.10	-0.802	-0.830	-0.863	-0.853	-0.871	-0.900	-0.939	-0.981	-1.022	-1.058
5321	53.20	-1.090	-1.119	-1.145	-1.170	-1.193	-1.218	-1.251	-1.295	-1.349	-1.402
5331	53.30	-1.437	-1.434	-1.381	-1.280	-1.147	-1.008	-0.889	-0.804	-0.751	-0.713
5341	53.40	-0.667	-0.597	-0.503	-0.401	-0.314	-0.266	-0.265	-0.306	-0.368	-0.429
5351	53.50	-0.471	-0.488	-0.485	-0.476	-0.471	-0.474	-0.486	-0.501	-0.515	-0.526
5361	53.60	-0.535	-0.544	-0.552	-0.559	-0.562	-0.565	-0.569	-0.580	-0.598	-0.619
5371	53.70	-0.634	-0.634	-0.614	-0.582	-0.550	-0.536	-0.549	-0.585	-0.621	-0.627
5381	53.80	-0.576	-0.459	-0.284	-0.082	0.113	0.277	0.403	0.504	0.605	0.727
5391	53.90	0.872	1.027	1.163	1.252	1.279	1.248	1.182	1.110	1.058	1.038
5401	54.00	1.049	1.077	1.107	1.129	1.138	1.136	1.129	1.119	1.110	1.105
5411	54.10	1.108	1.123	1.157	1.210	1.279	1.359	1.440	1.519	1.594	1.668
5421	54.20	1.740	1.807	1.860	1.888	1.882	1.842	1.778	1.709	1.651	1.614
5431	54.30	1.598	1.594	1.588	1.573	1.546	1.515	1.487	1.468	1.455	1.441
5441	54.40	1.418	1.385	1.349	1.320	1.308	1.311	1.317	1.303	1.249	1.143
5451	54.50	0.992	0.816	0.641	0.488	0.365	0.263	0.168	0.063	-0.056	-0.185
5461	54.60	-0.312	-0.427	-0.530	-0.629	-0.741	-0.872	-1.022	-1.170	-1.291	-1.360
5471	54.70	-1.368	-1.323	-1.255	-1.198	-1.181	-1.218	-1.301	-1.409	-1.516	-1.601
5481	54.80	-1.655	-1.682	-1.698	-1.719	-1.756	-1.814	-1.890	-1.974	-2.054	-2.115
5491	54.90	-2.148	-2.143	-2.099	-2.019	-1.913	-1.797	-1.685	-1.593	-1.524	-1.477

Table 7-40-12

TABLE OF CORRECTED ACCELERATION RECORD

NO.12

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.442	-1.406	-1.359	-1.296	-1.222	-1.163	-1.069	-1.006	-0.956	-0.912
5511	55.10	-0.667	-0.613	-0.747	-0.674	-0.599	-0.531	-0.474	-0.428	-0.385	-0.337
5521	55.20	-0.278	-0.207	-0.130	-0.055	0.007	0.055	0.092	0.130	0.181	0.251
5531	55.30	0.336	0.425	0.499	0.544	0.567	0.577	0.603	0.672	0.798	0.979
5541	55.40	1.187	1.384	1.531	1.599	1.586	1.508	1.398	1.294	1.224	1.205
5551	55.50	1.238	1.313	1.418	1.538	1.661	1.778	1.884	1.976	2.056	2.133
5561	55.60	2.215	2.310	2.418	2.527	2.616	2.660	2.643	2.560	2.426	2.274
5571	55.70	2.136	2.039	1.992	1.983	1.986	1.970	1.915	1.816	1.680	1.529
5581	55.80	1.381	1.246	1.127	1.017	0.907	0.791	0.671	0.551	0.436	0.327
5591	55.90	0.220	0.110	-0.012	-0.148	-0.294	-0.442	-0.582	-0.710	-0.825	-0.935
5601	56.00	-1.050	-1.180	-1.326	-1.482	-1.634	-1.762	-1.852	-1.895	-1.894	-1.865
5611	56.10	-1.829	-1.805	-1.808	-1.841	-1.893	-1.949	-1.994	-2.020	-2.029	-2.032
5621	56.20	-2.042	-2.069	-2.113	-2.162	-2.204	-2.228	-2.234	-2.234	-2.244	-2.278
5631	56.30	-2.336	-2.402	-2.448	-2.444	-2.373	-2.241	-2.071	-1.901	-1.763	-1.670
5641	56.40	-1.616	-1.575	-1.517	-1.426	-1.303	-1.172	-1.063	-1.003	-0.997	-1.032
5651	56.50	-1.079	-1.112	-1.114	-1.089	-1.053	-1.027	-1.021	-1.031	-1.041	-1.032
5661	56.60	-0.997	-0.948	-0.906	-0.897	-0.928	-0.982	-1.020	-0.994	-0.874	-0.659
5671	56.70	-0.389	-0.131	0.043	0.090	0.006	-0.165	-0.349	-0.471	-0.484	-0.379
5681	56.80	-0.188	0.037	0.245	0.407	0.526	0.623	0.726	0.853	1.002	1.156
5691	56.90	1.294	1.404	1.492	1.581	1.694	1.845	2.024	2.202	2.340	2.404
5701	57.00	2.383	2.289	2.157	2.028	1.934	1.885	1.874	1.878	1.874	1.848
5711	57.10	1.802	1.746	1.697	1.664	1.647	1.639	1.623	1.589	1.530	1.447
5721	57.20	1.347	1.238	1.127	1.019	0.918	0.825	0.742	0.669	0.603	0.536
5731	57.30	0.459	0.365	0.252	0.130	0.018	-0.060	-0.082	-0.035	0.076	0.234
5741	57.40	0.408	0.567	0.690	0.768	0.812	0.840	0.878	0.943	1.038	1.154
5751	57.50	1.270	1.367	1.434	1.474	1.507	1.556	1.641	1.764	1.908	2.038
5761	57.60	2.115	2.108	2.007	1.828	1.606	1.383	1.192	1.049	0.947	0.867
5771	57.70	0.784	0.684	0.564	0.432	0.302	0.182	0.072	-0.032	-0.141	-0.259
5781	57.80	-0.382	-0.504	-0.617	-0.720	-0.821	-0.931	-1.057	-1.199	-1.342	-1.463
5791	57.90	-1.537	-1.554	-1.515	-1.441	-1.361	-1.301	-1.276	-1.283	-1.307	-1.332
5801	58.00	-1.342	-1.333	-1.313	-1.292	-1.280	-1.279	-1.286	-1.292	-1.293	-1.286
5811	58.10	-1.275	-1.266	-1.259	-1.258	-1.260	-1.259	-1.253	-1.242	-1.233	-1.229
5821	58.20	-1.235	-1.246	-1.255	-1.248	-1.211	-1.135	-1.018	-0.865	-0.688	-0.504
5831	58.30	-0.336	-0.204	-0.123	-0.103	-0.142	-0.230	-0.346	-0.469	-0.579	-0.663
5841	58.40	-0.718	-0.750	-0.771	-0.793	-0.828	-0.877	-0.941	-1.012	-1.082	-1.141
5851	58.50	-1.182	-1.202	-1.201	-1.182	-1.154	-1.125	-1.103	-1.093	-1.094	-1.100
5861	58.60	-1.105	-1.104	-1.097	-1.087	-1.081	-1.081	-1.087	-1.094	-1.094	-1.083
5871	58.70	-1.064	-1.046	-1.042	-1.058	-1.090	-1.121	-1.124	-1.069	-0.941	-0.743
5881	58.80	-0.495	-0.235	0.004	0.197	0.343	0.457	0.565	0.694	0.856	1.046
5891	58.90	1.246	1.434	1.590	1.708	1.793	1.861	1.930	2.009	2.101	2.202
5901	59.00	2.303	2.398	2.488	2.580	2.679	2.792	2.914	3.034	3.132	3.190
5911	59.10	3.194	3.144	3.052	2.942	2.842	2.775	2.754	2.772	2.807	2.830
5921	59.20	2.809	2.727	2.582	2.390	2.177	1.971	1.792	1.644	1.519	1.399
5931	59.30	1.271	1.128	0.974	0.817	0.670	0.536	0.410	0.281	0.141	-0.016
5941	59.40	-0.183	-0.346	-0.488	-0.596	-0.669	-0.713	-0.742	-0.772	-0.811	-0.863
5951	59.50	-0.927	-0.999	-1.077	-1.159	-1.241	-1.320	-1.385	-1.427	-1.438	-1.419
5961	59.60	-1.381	-1.338	-1.306	-1.295	-1.303	-1.322	-1.339	-1.344	-1.337	-1.324
5971	59.70	-1.313	-1.312	-1.320	-1.331	-1.338	-1.337	-1.328	-1.318	-1.314	-1.318
5981	59.80	-1.324	-1.326	-1.321	-1.314	-1.325	-1.375	-1.482	-1.647	-1.850	-2.055
5991	59.90	-2.225	-2.331	-2.367	-2.347	-2.293	-2.224	-2.143	-2.044	-1.916	-1.762

Table 7-40-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-1.606	-1.488	-1.450	-1.512	-1.655	-1.825	-1.942	-1.938	-1.785	-1.506
6011	60.10	-1.169	-0.862	-0.653	-0.569	-0.582	-0.632	-0.653	-0.601	-0.477	-0.319
6021	60.20	-0.182	-0.113	-0.127	-0.210	-0.321	-0.415	-0.461	-0.448	-0.378	-0.264
6031	60.30	-0.109	0.085	0.320	0.589	0.872	1.141	1.366	1.536	1.659	1.769
6041	60.40	1.906	2.098	2.350	2.632	2.894	3.083	3.163	3.128	3.006	2.842
6051	60.50	2.682	2.560	2.486	2.453	2.443	2.438	2.427	2.406	2.370	2.313
6061	60.60	2.228	2.104	1.938	1.737	1.519	1.307	1.120	0.967	0.842	0.730
6071	60.70	0.611	0.472	0.310	0.131	-0.052	-0.225	-0.378	-0.503	-0.593	-0.643
6081	60.80	-0.648	-0.612	-0.545	-0.471	-0.417	-0.408	-0.450	-0.528	-0.610	-0.658
6091	60.90	-0.648	-0.584	-0.504	-0.462	-0.511	-0.670	-0.915	-1.179	-1.375	-1.429
6101	61.00	-1.310	-1.047	-0.717	-0.419	-0.240	-0.220	-0.348	-0.569	-0.809	-1.005
6111	61.10	-1.122	-1.159	-1.139	-1.090	-1.032	-0.969	-0.898	-0.811	-0.711	-0.609
6121	61.20	-0.521	-0.457	-0.418	-0.393	-0.363	-0.316	-0.246	-0.162	-0.079	-0.010
6131	61.30	0.041	0.077	0.113	0.161	0.226	0.305	0.388	0.462	0.515	0.546
6141	61.40	0.555	0.551	0.540	0.530	0.523	0.523	0.532	0.548	0.569	0.590
6151	61.50	0.606	0.615	0.616	0.616	0.621	0.634	0.656	0.679	0.698	0.706
6161	61.60	0.704	0.699	0.702	0.717	0.744	0.774	0.795	0.800	0.791	0.780
6171	61.70	0.779	0.797	0.832	0.870	0.895	0.897	0.878	0.856	0.849	0.871
6181	61.80	0.918	0.969	1.002	0.999	0.965	0.923	0.906	0.933	1.001	1.079
6191	61.90	1.128	1.118	1.051	0.966	0.917	0.952	1.075	1.241	1.364	1.355
6201	62.00	1.160	0.794	0.338	-0.090	-0.378	-0.467	-0.371	-0.170	0.031	0.142
6211	62.10	0.128	0.012	-0.143	-0.269	-0.323	-0.305	-0.253	-0.213	-0.221	-0.282
6221	62.20	-0.371	-0.454	-0.502	-0.510	-0.495	-0.483	-0.498	-0.545	-0.611	-0.676
6231	62.30	-0.720	-0.738	-0.739	-0.742	-0.761	-0.802	-0.858	-0.913	-0.954	-0.978
6241	62.40	-0.989	-1.001	-1.024	-1.062	-1.110	-1.158	-1.198	-1.226	-1.246	-1.265
6251	62.50	-1.290	-1.325	-1.366	-1.408	-1.448	-1.482	-1.512	-1.542	-1.570	-1.593
6261	62.60	-1.605	-1.601	-1.580	-1.548	-1.515	-1.493	-1.486	-1.494	-1.508	-1.520
6271	62.70	-1.520	-1.508	-1.488	-1.471	-1.462	-1.466	-1.478	-1.489	-1.490	-1.480
6281	62.80	-1.460	-1.441	-1.432	-1.441	-1.462	-1.485	-1.490	-1.460	-1.388	-1.276
6291	62.90	-1.140	-1.001	-0.879	-0.784	-0.714	-0.658	-0.598	-0.522	-0.428	-0.323
6301	63.00	-0.221	-0.134	-0.065	-0.009	0.051	0.129	0.233	0.355	0.474	0.561
6311	63.10	0.591	0.553	0.452	0.312	0.165	0.039	-0.049	-0.096	-0.118	-0.134
6321	63.20	-0.167	-0.229	-0.320	-0.427	-0.525	-0.587	-0.586	-0.508	-0.352	-0.137
6331	63.30	0.104	0.331	0.508	0.611	0.639	0.609	0.548	0.488	0.447	0.429
6341	63.40	0.425	0.420	0.407	0.388	0.381	0.409	0.486	0.613	0.772	0.938
6351	63.50	1.084	1.195	1.274	1.339	1.411	1.503	1.616	1.736	1.849	1.942
6361	63.60	2.018	2.089	2.174	2.284	2.413	2.545	2.651	2.710	2.713	2.670
6371	63.70	2.605	2.544	2.506	2.496	2.505	2.517	2.523	2.517	2.509	2.505
6381	63.80	2.513	2.525	2.526	2.499	2.428	2.314	2.169	2.016	1.875	1.761
6391	63.90	1.676	1.608	1.542	1.464	1.370	1.263	1.153	1.048	0.955	0.871
6401	64.00	0.792	0.710	0.619	0.520	0.416	0.314	0.218	0.129	0.045	-0.038
6411	64.10	-0.126	-0.219	-0.319	-0.422	-0.523	-0.617	-0.704	-0.785	-0.865	-0.951
6421	64.20	-1.048	-1.158	-1.273	-1.383	-1.473	-1.530	-1.547	-1.528	-1.484	-1.434
6431	64.30	-1.395	-1.378	-1.385	-1.408	-1.434	-1.452	-1.455	-1.447	-1.434	-1.426
6441	64.40	-1.428	-1.440	-1.456	-1.468	-1.472	-1.467	-1.458	-1.452	-1.454	-1.465
6451	64.50	-1.480	-1.491	-1.494	-1.488	-1.477	-1.469	-1.471	-1.486	-1.509	-1.528
6461	64.60	-1.531	-1.509	-1.459	-1.387	-1.304	-1.221	-1.148	-1.088	-1.039	-0.994
6471	64.70	-0.949	-0.899	-0.845	-0.789	-0.735	-0.684	-0.634	-0.582	-0.521	-0.447
6481	64.80	-0.357	-0.255	-0.146	-0.039	0.059	0.146	0.222	0.292	0.365	0.446
6491	64.90	0.538	0.638	0.738	0.832	0.914	0.983	1.049	1.122	1.211	1.319

Table 7-40-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	1.439	1.552	1.637	1.676	1.658	1.591	1.492	1.387	1.299	1.241
6511	65.10	1.213	1.206	1.201	1.185	1.151	1.103	1.051	1.003	0.968	0.945
6521	65.20	0.928	0.906	0.875	0.833	0.786	0.740	0.703	0.677	0.659	0.641
6531	65.30	0.616	0.577	0.520	0.449	0.366	0.277	0.187	0.100	0.017	-0.060
6541	65.40	-0.131	-0.198	-0.263	-0.329	-0.400	-0.476	-0.556	-0.636	-0.712	-0.783
6551	65.50	-0.850	-0.915	-0.984	-1.058	-1.136	-1.215	-1.290	-1.362	-1.435	-1.521
6561	65.60	-1.633	-1.776	-1.947	-2.127	-2.290	-2.407	-2.459	-2.443	-2.374	-2.279
6571	65.70	-2.186	-2.119	-2.084	-2.074	-2.076	-2.074	-2.061	-2.039	-2.016	-1.998
6581	65.80	-1.985	-1.969	-1.935	-1.870	-1.769	-1.640	-1.499	-1.367	-1.258	-1.176
6591	65.90	-1.112	-1.050	-0.977	-0.885	-0.779	-0.670	-0.568	-0.482	-0.409	-0.339
6601	66.00	-0.261	-0.170	-0.067	0.041	0.141	0.227	0.299	0.367	0.441	0.533
6611	66.10	0.645	0.770	0.899	1.020	1.131	1.237	1.346	1.467	1.600	1.736
6621	66.20	1.856	1.945	1.990	1.995	1.975	1.955	1.954	1.985	2.042	2.108
6631	66.30	2.161	2.182	2.162	2.107	2.032	1.959	1.901	1.866	1.849	1.841
6641	66.40	1.830	1.809	1.776	1.735	1.689	1.642	1.592	1.537	1.472	1.394
6651	66.50	1.307	1.217	1.132	1.060	1.007	0.972	0.951	0.935	0.919	0.896
6661	66.60	0.865	0.828	0.787	0.747	0.709	0.675	0.644	0.612	0.579	0.544
6671	66.70	0.507	0.469	0.433	0.399	0.368	0.337	0.303	0.266	0.225	0.184
6681	66.80	0.148	0.122	0.109	0.108	0.117	0.127	0.134	0.131	0.121	0.105
6691	66.90	0.088	0.076	0.071	0.069	0.068	0.064	0.055	0.042	0.028	0.017
6701	67.00	0.012	0.010	0.008	0.004	-0.006	-0.019	-0.033	-0.043	-0.048	-0.048
6711	67.10	-0.048	-0.053	-0.063	-0.080	-0.096	-0.107	-0.108	-0.101	-0.093	-0.096
6721	67.20	-0.119	-0.167	-0.237	-0.320	-0.403	-0.475	-0.532	-0.577	-0.618	-0.661
6731	67.30	-0.713	-0.772	-0.833	-0.891	-0.942	-0.988	-1.033	-1.083	-1.140	-1.200
6741	67.40	-1.260	-1.313	-1.359	-1.400	-1.446	-1.501	-1.567	-1.637	-1.698	-1.736
6751	67.50	-1.743	-1.720	-1.680	-1.639	-1.612	-1.606	-1.618	-1.635	-1.647	-1.645
6761	67.60	-1.632	-1.615	-1.605	-1.606	-1.617	-1.630	-1.635	-1.627	-1.610	-1.593
6771	67.70	-1.586	-1.593	-1.610	-1.626	-1.629	-1.614	-1.586	-1.561	-1.554	-1.574
6781	67.80	-1.614	-1.650	-1.654	-1.602	-1.484	-1.311	-1.110	-0.912	-0.738	-0.598
6791	67.90	-0.484	-0.379	-0.268	-0.145	-0.012	0.122	0.250	0.372	0.494	0.624
6801	68.00	0.765	0.910	1.043	1.145	1.205	1.225	1.219	1.209	1.215	1.246
6811	68.10	1.301	1.366	1.427	1.478	1.517	1.551	1.589	1.633	1.682	1.729
6821	68.20	1.771	1.810	1.852	1.904	1.966	2.024	2.052	2.024	1.923	1.753
6831	68.30	1.541	1.334	1.176	1.098	1.104	1.173	1.265	1.343	1.381	1.378
6841	68.40	1.349	1.318	1.303	1.311	1.333	1.355	1.365	1.359	1.343	1.328
6851	68.50	1.325	1.336	1.353	1.368	1.370	1.360	1.344	1.333	1.338	1.357
6861	68.60	1.381	1.393	1.378	1.329	1.248	1.149	1.052	0.971	0.912	0.871
6871	68.70	0.837	0.797	0.741	0.666	0.574	0.471	0.363	0.254	0.149	0.049
6881	68.80	-0.046	-0.133	-0.215	-0.293	-0.376	-0.468	-0.574	-0.688	-0.799	-0.892
6891	68.90	-0.951	-0.967	-0.942	-0.890	-0.831	-0.786	-0.766	-0.773	-0.796	-0.821
6901	69.00	-0.836	-0.834	-0.820	-0.802	-0.791	-0.791	-0.803	-0.818	-0.828	-0.828
6911	69.10	-0.819	-0.806	-0.797	-0.797	-0.806	-0.819	-0.829	-0.830	-0.822	-0.810
6921	69.20	-0.800	-0.799	-0.809	-0.825	-0.838	-0.840	-0.828	-0.808	-0.789	-0.787
6931	69.30	-0.814	-0.877	-0.974	-1.099	-1.236	-1.370	-1.483	-1.557	-1.577	-1.534
6941	69.40	-1.426	-1.265	-1.076	-0.892	-0.750	-0.678	-0.686	-0.764	-0.883	-1.011
6951	69.50	-1.118	-1.194	-1.243	-1.283	-1.334	-1.402	-1.478	-1.539	-1.560	-1.522
6961	69.60	-1.425	-1.289	-1.146	-1.024	-0.940	-0.892	-0.862	-0.829	-0.777	-0.703
6971	69.70	-0.618	-0.535	-0.467	-0.414	-0.368	-0.317	-0.252	-0.175	-0.096	-0.026
6981	69.80	0.029	0.075	0.124	0.189	0.274	0.368	0.448	0.488	0.474	0.409
6991	69.90	0.316	0.226	0.164	0.136	0.132	0.128	0.104	0.059	0.011	-0.007

Table 7-40-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	0.036	0.153	0.329	0.527	0.701	0.816	0.862	0.856	0.833	0.827
7011	70.10	0.855	0.914	0.982	1.035	1.061	1.066	1.073	1.104	1.170	1.262
7021	70.20	1.349	1.395	1.372	1.277	1.134	0.987	0.884	0.855	0.909	1.025
7031	70.30	1.165	1.290	1.373	1.410	1.414	1.409	1.417	1.452	1.512	1.586
7041	70.40	1.659	1.719	1.762	1.790	1.804	1.801	1.775	1.713	1.612	1.477
7051	70.50	1.328	1.192	1.092	1.039	1.024	1.018	0.991	0.923	0.815	0.691
7061	70.60	0.587	0.530	0.522	0.540	0.541	0.486	0.363	0.195	0.034	-0.063
7071	70.70	-0.064	0.018	0.127	0.187	0.133	-0.055	-0.342	-0.652	-0.901	-1.033
7081	70.80	-1.041	-0.966	-0.871	-0.812	-0.810	-0.852	-0.902	-0.930	-0.931	-0.926
7091	70.90	-0.950	-1.026	-1.148	-1.279	-1.370	-1.387	-1.331	-1.244	-1.184	-1.201
7101	71.00	-1.310	-1.483	-1.664	-1.800	-1.862	-1.859	-1.824	-1.786	-1.750	-1.690
7111	71.10	-1.566	-1.352	-1.061	-0.751	-0.500	-0.374	-0.384	-0.485	-0.589	-0.615
7121	71.20	-0.531	-0.375	-0.242	-0.237	-0.415	-0.751	-1.136	-1.424	-1.492	-1.297
7131	71.30	-0.897	-0.419	-0.008	0.234	0.293	0.230	0.148	0.135	0.221	0.371
7141	71.40	0.506	0.548	0.467	0.288	0.085	-0.059	-0.093	-0.014	0.131	0.274
7151	71.50	0.361	0.373	0.330	0.277	0.253	0.279	0.343	0.415	0.466	0.481
7161	71.60	0.466	0.445	0.442	0.467	0.516	0.569	0.609	0.624	0.620	0.612
7171	71.70	0.616	0.640	0.681	0.726	0.760	0.777	0.779	0.778	0.784	0.807
7181	71.80	0.844	0.884	0.917	0.936	0.940	0.940	0.947	0.969	1.004	1.043
7191	71.90	1.070	1.068	1.029	0.952	0.846	0.727	0.610	0.506	0.421	0.351
7201	72.00	0.289	0.227	0.159	0.082	0.001	-0.083	-0.163	-0.238	-0.309	-0.379
7211	72.10	-0.450	-0.525	-0.602	-0.680	-0.759	-0.838	-0.918	-0.998	-1.073	-1.133
7221	72.20	-1.164	-1.153	-1.096	-0.996	-0.871	-0.747	-0.646	-0.582	-0.555	-0.550
7231	72.30	-0.546	-0.525	-0.481	-0.421	-0.363	-0.321	-0.302	-0.298	-0.291	-0.263
7241	72.40	-0.205	-0.126	-0.048	0.004	0.015	-0.011	-0.048	-0.060	-0.016	0.095
7251	72.50	0.256	0.426	0.561	0.625	0.609	0.533	0.436	0.358	0.328	0.348
7261	72.60	0.400	0.456	0.490	0.493	0.470	0.439	0.418	0.419	0.438	0.466
7271	72.70	0.489	0.501	0.502	0.497	0.487	0.465	0.421	0.338	0.212	0.053
7281	72.80	-0.111	-0.245	-0.316	-0.312	-0.245	-0.148	-0.062	-0.020	-0.032	-0.082
7291	72.90	-0.136	-0.158	-0.131	-0.064	0.008	0.039	-0.009	-0.148	-0.358	-0.590
7301	73.00	-0.786	-0.901	-0.915	-0.843	-0.721	-0.597	-0.506	-0.467	-0.470	-0.495
7311	73.10	-0.514	-0.510	-0.482	-0.438	-0.396	-0.367	-0.356	-0.355	-0.355	-0.345
7321	73.20	-0.322	-0.290	-0.257	-0.232	-0.218	-0.211	-0.206	-0.194	-0.173	-0.144
7331	73.30	-0.114	-0.090	-0.075	-0.067	-0.061	-0.049	-0.029	0.000	0.032	0.059
7341	73.40	0.075	0.077	0.065	0.046	0.023	0.002	-0.015	-0.029	-0.039	-0.048
7351	73.50	-0.055	-0.062	-0.069	-0.078	-0.088	-0.100	-0.113	-0.125	-0.135	-0.142
7361	73.60	-0.147	-0.154	-0.163	-0.176	-0.192	-0.207	-0.217	-0.220	-0.216	-0.208
7371	73.70	-0.199	-0.192	-0.187	-0.185	-0.183	-0.180	-0.176	-0.173	-0.171	-0.171
7381	73.80	-0.172	-0.171	-0.168	-0.161	-0.153	-0.148	-0.148	-0.152	-0.156	-0.157
7391	73.90	-0.151	-0.138	-0.124	-0.117	-0.122	-0.138	-0.155	-0.159	-0.135	-0.074
7401	74.00	0.020	0.135	0.251	0.351	0.426	0.480	0.526	0.580	0.653	0.745
7411	74.10	0.841	0.922	0.969	0.970	0.932	0.869	0.804	0.755	0.732	0.732
7421	74.20	0.745	0.755	0.753	0.737	0.712	0.687	0.670	0.664	0.665	0.667
7431	74.30	0.662	0.648	0.626	0.603	0.588	0.584	0.592	0.607	0.623	0.634
7441	74.40	0.638	0.636	0.633	0.634	0.640	0.649	0.659	0.664	0.664	0.660
7451	74.50	0.657	0.659	0.667	0.679	0.691	0.696	0.693	0.685	0.678	0.679
7461	74.60	0.693	0.717	0.740	0.748	0.725	0.663	0.565	0.444	0.318	0.205
7471	74.70	0.116	0.050	-0.002	-0.053	-0.117	-0.196	-0.288	-0.381	-0.466	-0.535
7481	74.80	-0.591	-0.639	-0.688	-0.744	-0.807	-0.872	-0.933	-0.984	-1.030	-1.076
7491	74.90	-1.133	-1.205	-1.287	-1.369	-1.432	-1.460	-1.446	-1.396	-1.324	-1.251

Table 7-40-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-1.192	-1.157	-1.143	-1.138	-1.131	-1.115	-1.088	-1.055	-1.024	-1.000
7511	75.10	-0.980	-0.960	-0.933	-0.892	-0.839	-0.780	-0.724	-0.676	-0.640	-0.611
7521	75.20	-0.584	-0.551	-0.510	-0.460	-0.408	-0.357	-0.315	-0.284	-0.264	-0.255
7531	75.30	-0.255	-0.263	-0.277	-0.293	-0.305	-0.310	-0.304	-0.290	-0.272	-0.258
7541	75.40	-0.254	-0.261	-0.274	-0.286	-0.287	-0.275	-0.253	-0.230	-0.219	-0.227
7551	75.50	-0.252	-0.284	-0.302	-0.289	-0.229	-0.120	0.031	0.210	0.399	0.584
7561	75.60	0.755	0.905	1.032	1.130	1.193	1.216	1.201	1.155	1.093	1.034
7571	75.70	0.995	0.987	1.008	1.043	1.077	1.095	1.089	1.065	1.037	1.020
7581	75.80	1.025	1.050	1.085	1.112	1.113	1.080	1.014	0.927	0.834	0.750
7591	75.90	0.681	0.623	0.571	0.516	0.455	0.390	0.327	0.270	0.220	0.173
7601	76.00	0.121	0.059	-0.015	-0.094	-0.167	-0.222	-0.251	-0.254	-0.236	-0.208
7611	76.10	-0.180	-0.159	-0.148	-0.145	-0.148	-0.154	-0.161	-0.168	-0.173	-0.173
7621	76.20	-0.168	-0.158	-0.149	-0.144	-0.148	-0.160	-0.176	-0.185	-0.181	-0.164
7631	76.30	-0.141	-0.127	-0.133	-0.163	-0.203	-0.228	-0.207	-0.118	0.042	0.246
7641	76.40	0.451	0.605	0.669	0.634	0.515	0.356	0.202	0.088	0.027	0.007
7651	76.50	0.000	-0.019	-0.066	-0.135	-0.209	-0.264	-0.285	-0.268	-0.226	-0.179
7661	76.60	-0.145	-0.134	-0.146	-0.173	-0.205	-0.237	-0.270	-0.307	-0.352	-0.406
7671	76.70	-0.463	-0.515	-0.555	-0.583	-0.602	-0.623	-0.653	-0.697	-0.750	-0.805
7681	76.80	-0.851	-0.882	-0.901	-0.916	-0.940	-0.982	-1.042	-1.112	-1.174	-1.208
7691	76.90	-1.198	-1.137	-1.030	-0.893	-0.748	-0.617	-0.513	-0.439	-0.387	-0.342
7701	77.00	-0.288	-0.214	-0.118	-0.010	0.094	0.176	0.226	0.241	0.230	0.208
7711	77.10	0.191	0.188	0.203	0.228	0.257	0.281	0.297	0.309	0.321	0.336
7721	77.20	0.356	0.375	0.391	0.404	0.422	0.456	0.515	0.598	0.695	0.779
7731	77.30	0.826	0.814	0.743	0.630	0.505	0.401	0.343	0.333	0.361	0.407
7741	77.40	0.454	0.496	0.539	0.593	0.663	0.738	0.800	0.826	0.805	0.748
7751	77.50	0.684	0.651	0.671	0.740	0.821	0.855	0.789	0.598	0.301	-0.042
7761	77.60	-0.347	-0.544	-0.598	-0.523	-0.374	-0.222	-0.128	-0.116	-0.176	-0.268
7771	77.70	-0.349	-0.391	-0.388	-0.360	-0.331	-0.323	-0.338	-0.366	-0.387	-0.388
7781	77.80	-0.367	-0.335	-0.308	-0.299	-0.310	-0.333	-0.352	-0.357	-0.344	-0.321
7791	77.90	-0.300	-0.290	-0.297	-0.313	-0.328	-0.332	-0.322	-0.301	-0.281	-0.271
7801	78.00	-0.277	-0.293	-0.309	-0.315	-0.300	-0.264	-0.212	-0.157	-0.108	-0.074
7811	78.10	-0.057	-0.054	-0.060	-0.071	-0.081	-0.090	-0.094	-0.092	-0.082	-0.063
7821	78.20	-0.037	-0.005	0.026	0.054	0.076	0.091	0.104	0.117	0.135	0.158
7831	78.30	0.185	0.211	0.233	0.249	0.263	0.276	0.294	0.317	0.344	0.372
7841	78.40	0.395	0.412	0.424	0.435	0.452	0.476	0.506	0.537	0.562	0.577
7851	78.50	0.584	0.591	0.606	0.635	0.675	0.717	0.745	0.745	0.710	0.646
7861	78.60	0.567	0.490	0.430	0.390	0.364	0.342	0.311	0.269	0.219	0.170
7871	78.70	0.129	0.100	0.075	0.046	0.005	-0.047	-0.102	-0.150	-0.181	-0.198
7881	78.80	-0.213	-0.241	-0.295	-0.369	-0.447	-0.498	-0.495	-0.427	-0.301	-0.147
7891	78.90	0.003	0.121	0.199	0.250	0.299	0.368	0.465	0.575	0.671	0.719
7901	79.00	0.701	0.621	0.500	0.374	0.273	0.212	0.187	0.180	0.168	0.137
7911	79.10	0.086	0.024	-0.056	-0.084	-0.120	-0.150	-0.185	-0.226	-0.276	-0.317
7921	79.20	-0.337	-0.328	-0.294	-0.246	-0.203	-0.179	-0.179	-0.199	-0.223	-0.238
7931	79.30	-0.234	-0.211	-0.178	-0.148	-0.135	-0.147	-0.184	-0.245	-0.321	-0.408
7941	79.40	-0.501	-0.594	-0.683	-0.762	-0.828	-0.880	-0.923	-0.966	-1.020	-1.093
7951	79.50	-1.185	-1.287	-1.378	-1.440	-1.455	-1.418	-1.335	-1.225	-1.110	-1.011
7961	79.60	-0.939	-0.893	-0.863	-0.838	-0.804	-0.756	-0.697	-0.633	-0.572	-0.519
7971	79.70	-0.474	-0.435	-0.395	-0.350	-0.298	-0.241	-0.183	-0.128	-0.078	-0.035
7981	79.80	0.006	0.047	0.093	0.146	0.207	0.269	0.328	0.374	0.403	0.412
7991	79.90	0.402	0.382	0.359	0.342	0.335	0.340	0.352	0.364	0.373	0.375

Table 7-40-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	0.373	0.370	0.370	0.373	0.379	0.385	0.389	0.390	0.390	0.391
8011	80.10	0.394	0.399	0.403	0.404	0.401	0.400	0.406	0.426	0.462	0.512
8021	80.20	0.566	0.614	0.649	0.670	0.684	0.699	0.725	0.764	0.809	0.851
8031	80.30	0.883	0.900	0.910	0.923	0.951	0.998	1.057	1.112	1.142	1.136
8041	80.40	1.084	0.998	0.895	0.793	0.706	0.639	0.587	0.543	0.499	0.449
8051	80.50	0.393	0.335	0.276	0.218	0.160	0.101	0.042	-0.015	-0.067	-0.116
8061	80.60	-0.163	-0.216	-0.278	-0.350	-0.424	-0.488	-0.528	-0.536	-0.510	-0.462
8071	80.70	-0.411	-0.376	-0.373	-0.413	-0.495	-0.615	-0.764	-0.931	-1.103	-1.264
8081	80.80	-1.394	-1.475	-1.491	-1.439	-1.328	-1.180	-1.024	-0.886	-0.782	-0.714
8091	60.90	-0.673	-0.639	-0.597	-0.537	-0.460	-0.374	-0.289	-0.211	-0.144	-0.086
8101	81.00	-0.031	0.020	0.069	0.113	0.150	0.181	0.208	0.237	0.270	0.309
8111	81.10	0.353	0.400	0.448	0.498	0.549	0.596	0.632	0.643	0.618	0.550
8121	81.20	0.445	0.319	0.198	0.103	0.047	0.024	0.016	-0.005	-0.056	-0.144
8131	81.30	-0.252	-0.352	-0.416	-0.425	-0.379	-0.295	-0.202	-0.122	-0.067	-0.035
8141	81.40	-0.013	0.014	0.052	0.098	0.143	0.178	0.201	0.220	0.246	0.288
8151	81.50	0.345	0.405	0.452	0.475	0.479	0.480	0.501	0.560	0.651	0.747
8161	81.60	0.806	0.784	0.664	0.458	0.212	-0.011	-0.157	-0.198	-0.143	-0.032
8171	81.70	0.083	0.158	0.177	0.148	0.101	0.065	0.058	0.080	0.114	0.141
8181	81.80	0.148	0.137	0.117	0.104	0.105	0.121	0.141	0.155	0.157	0.148
8191	81.90	0.138	0.134	0.141	0.155	0.169	0.175	0.171	0.163	0.158	0.163
8201	82.00	0.177	0.193	0.201	0.196	0.181	0.170	0.173	0.198	0.234	0.259
8211	82.10	0.242	0.163	0.017	-0.174	-0.369	-0.524	-0.606	-0.608	-0.545	-0.454
8221	82.20	-0.373	-0.326	-0.321	-0.345	-0.375	-0.393	-0.389	-0.369	-0.345	-0.329
8231	82.30	-0.327	-0.337	-0.348	-0.352	-0.366	-0.332	-0.318	-0.312	-0.314	-0.320
8241	82.40	-0.319	-0.302	-0.266	-0.214	-0.157	-0.107	-0.071	-0.050	-0.037	-0.023
8251	82.50	0.001	0.037	0.030	0.124	0.160	0.184	0.200	0.214	0.235	0.269
8261	82.60	0.315	0.366	0.411	0.438	0.438	0.409	0.355	0.288	0.219	0.157
8271	82.70	0.110	0.077	0.053	0.031	0.006	-0.027	-0.067	-0.110	-0.152	-0.189
8281	82.80	-0.221	-0.249	-0.277	-0.309	-0.347	-0.388	-0.429	-0.467	-0.499	-0.528
8291	82.90	-0.556	-0.587	-0.624	-0.666	-0.710	-0.749	-0.782	-0.808	-0.832	-0.860
8301	83.00	-0.897	-0.945	-0.999	-1.069	-1.082	-1.089	-1.066	-1.015	-0.947	-0.875
8311	83.10	-0.810	-0.762	-0.730	-0.710	-0.693	-0.673	-0.643	-0.604	-0.561	-0.518
8321	83.20	-0.480	-0.450	-0.426	-0.403	-0.376	-0.342	-0.302	-0.260	-0.221	-0.188
8331	83.30	-0.162	-0.139	-0.114	-0.083	-0.045	-0.002	0.039	0.074	0.101	0.123
8341	83.40	0.144	0.173	0.210	0.255	0.300	0.338	0.365	0.383	0.400	0.424
8351	83.50	0.461	0.509	0.560	0.603	0.632	0.647	0.655	0.667	0.688	0.714
8361	83.60	0.732	0.727	0.693	0.638	0.588	0.576	0.634	0.772	0.974	1.200
8371	83.70	1.398	1.526	1.563	1.519	1.428	1.332	1.267	1.248	1.269	1.309
8381	83.80	1.344	1.358	1.351	1.332	1.314	1.307	1.313	1.326	1.339	1.345
8391	83.90	1.343	1.338	1.334	1.333	1.334	1.337	1.338	1.338	1.341	1.346
8401	84.00	1.354	1.358	1.354	1.342	1.327	1.320	1.332	1.364	1.403	1.421
8411	84.10	1.382	1.260	1.051	0.777	0.488	0.245	0.098	0.071	0.152	0.296
8421	84.20	0.444	0.541	0.555	0.482	0.344	0.179	0.019	-0.115	-0.220	-0.306
8431	84.30	-0.389	-0.480	-0.582	-0.690	-0.795	-0.892	-0.979	-1.062	-1.150	-1.248
8441	84.40	-1.356	-1.469	-1.576	-1.672	-1.754	-1.831	-1.912	-2.009	-2.126	-2.256
8451	84.50	-2.381	-2.480	-2.533	-2.531	-2.479	-2.398	-2.311	-2.243	-2.207	-2.200
8461	84.60	-2.211	-2.222	-2.218	-2.195	-2.159	-2.122	-2.097	-2.089	-2.094	-2.100
8471	84.70	-2.090	-2.052	-1.982	-1.884	-1.772	-1.660	-1.561	-1.478	-1.410	-1.348
8481	84.80	-1.286	-1.217	-1.140	-1.057	-0.972	-0.891	-0.816	-0.747	-0.680	-0.613
8491	84.90	-0.540	-0.461	-0.375	-0.288	-0.205	-0.133	-0.076	-0.036	-0.010	0.007

Table 7-40-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1232 1304-GR-1-10 U-D (U-D) OTANOSHIKE BR. MAX. ACC. = 25.798 (GAL) T= 2.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.023	0.044	0.072	0.108	0.150	0.193	0.234	0.273	0.308	0.341
8511	85.10	0.374	0.408	0.443	0.480	0.519	0.559	0.598	0.636	0.669	0.700
8521	85.20	0.730	0.764	0.806	0.860	0.926	0.998	1.072	1.139	1.197	1.246
8531	85.30	1.294	1.345	1.405	1.471	1.539	1.601	1.652	1.696	1.740	1.793
8541	85.40	1.862	1.943	2.025	2.087	2.114	2.095	2.036	1.952	1.865	1.794
8551	85.50	1.750	1.730	1.722	1.712	1.689	1.653	1.608	1.564	1.529	1.504
8561	85.60	1.485	1.466	1.439	1.403	1.359	1.312	1.266	1.221	1.177	1.131
8571	85.70	1.081	1.029	0.980	0.937	0.902	0.871	0.838	0.794	0.734	0.655
8581	85.80	0.564	0.466	0.369	0.278	0.194	0.115	0.039	-0.037	-0.113	-0.190
8591	85.90	-0.267	-0.346	-0.427	-0.510	-0.594	-0.676	-0.754	-0.827	-0.899	-0.972
8601	86.00	-1.052	-1.138	-1.229	-1.317	-1.396	-1.463	-1.524	-1.588	-1.666	-1.765
8611	86.10	-1.878	-1.988	-2.069	-2.099	-2.064	-1.970	-1.837	-1.696	-1.576	-1.493
8621	86.20	-1.446	-1.423	-1.402	-1.364	-1.305	-1.229	-1.148	-1.078	-1.023	-0.982
8631	86.30	-0.945	-0.900	-0.842	-0.773	-0.700	-0.632	-0.577	-0.533	-0.493	-0.447
8641	86.40	-0.389	-0.320	-0.247	-0.179	-0.124	-0.081	-0.043	0.001	0.059	0.132
8651	86.50	0.213	0.289	0.345	0.373	0.372	0.353	0.325	0.302	0.289	0.287
8661	86.60	0.291	0.296	0.300	0.303	0.306	0.311	0.317	0.322	0.322	0.317
8671	86.70	0.310	0.306	0.311	0.325	0.344	0.358	0.358	0.335	0.290	0.227
8681	86.80	0.157	0.088	0.025	-0.030	-0.080	-0.127	-0.172	-0.215	-0.254	-0.291
8691	86.90	-0.331	-0.379	-0.441	-0.512	-0.581	-0.630	-0.640	-0.603	-0.521	-0.411
8701	87.00	-0.295	-0.197	-0.126	-0.082	-0.053	-0.023	0.020	0.078	0.145	0.211
8711	87.10	0.269	0.317	0.359	0.404	0.457	0.517	0.578	0.635	0.684	0.729
8721	87.20	0.775	0.828	0.889	0.954	1.013	1.061	1.099	1.135	1.182	1.249
8731	87.30	1.333	1.418	1.479	1.490	1.439	1.330	1.185	1.037	0.912	0.824
8741	87.40	0.768	0.729	0.685	0.624	0.545	0.458	0.378	0.317	0.278	0.254
8751	87.50	0.232	0.201	0.155	0.098	0.036	-0.022	-0.072	-0.114	-0.154	-0.195
8761	87.60	-0.241	-0.292	-0.344	-0.396	-0.446	-0.495	-0.542	-0.588	-0.633	-0.677
8771	87.70	-0.720	-0.766	-0.818	-0.876	-0.938	-0.997	-1.041	-1.062	-1.051	-1.011
8781	87.80	-0.949	-0.880	-0.818	-0.772	-0.745	-0.734	-0.728	-0.719	-0.700	-0.669
8791	87.90	-0.631	-0.592	-0.557	-0.533	-0.516	-0.504	-0.489	-0.466	-0.434	-0.395
8801	88.00	-0.357	-0.326	-0.306	-0.294	-0.284	-0.266	-0.236	-0.195	-0.150	-0.114
8811	88.10	-0.093	-0.087	-0.086	-0.075	-0.042	0.014	0.077	0.122	0.123	0.066
8821	88.20	-0.043	-0.180	-0.312	-0.412	-0.470	-0.498	-0.522	-0.570	-0.654	-0.764
8831	88.30	-0.874	-0.949	-0.964	-0.913	-0.815	-0.697	-0.588	-0.507	-0.453	-0.415
8841	88.40	-0.378	-0.334	-0.282	-0.229	-0.182	-0.142	-0.101	-0.053	0.006	0.073
8851	88.50	0.136	0.184	0.215	0.237	0.267	0.320	0.399	0.490	0.567	0.602
8861	88.60	0.585	0.528	0.464	0.433	0.464	0.561	0.698	0.838	0.949	1.021
8871	88.70	1.072	1.136	1.240	1.383	1.533	1.630	1.619	1.475	1.220	0.921
8881	88.80	0.665	0.524	0.526	0.645	0.814	0.958	1.022	0.998	0.917	0.834
8891	88.90	0.795	0.817	0.881	0.948	0.981	0.964	0.914	0.863	0.845	0.874
8901	89.00	0.933	0.985	0.993	0.939	0.832	0.707	0.601	0.540	0.520	0.519
8911	89.10	0.503	0.451	0.366	0.270	0.191	0.149	0.138	0.136	0.112	0.051
8921	89.20	-0.044	-0.144	-0.221	-0.256	-0.256	-0.250	-0.273	-0.342	-0.449	-0.561
8931	89.30	-0.641	-0.668	-0.652	-0.631	-0.648	-0.726	-0.854	-0.988	-1.077	-1.093
8941	89.40	-1.049	-0.996	-0.998	-1.090	-1.259	-1.441	-1.556	-1.552	-1.444	-1.311
8951	89.50	-1.263	-1.383	-1.669	-2.017	-2.256	-2.216	-1.812	-1.091	-0.227	0.542

Table 7-41-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OYANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.0	-12.792	-17.653	-18.931	-15.872	-9.515	-1.415	5.209	8.537	7.951
11	0.10	4.426	0.037	-2.979	-3.171	-0.429	4.078	8.503	11.168	11.265	9.137
21	0.20	6.040	3.535	2.785	4.049	6.571	8.896	9.486	7.393	2.741	-3.186
31	0.30	-8.323	-10.565	-8.606	-2.556	5.952	14.277	19.737	20.664	17.073	10.612
41	0.40	3.786	-1.230	-3.606	-4.200	-5.000	-7.930	-13.611	-20.764	-26.629	-28.259
51	0.50	-24.064	-14.788	-3.349	6.451	11.748	12.026	9.352	7.246	8.726	14.540
61	0.60	22.526	28.526	28.432	20.367	5.887	-10.450	-22.949	-27.190	-21.806	-8.806
71	0.70	7.603	23.007	34.520	41.418	44.500	44.743	42.160	35.622	23.768	6.417
81	0.80	-14.443	-34.819	-50.134	-57.226	-55.872	-48.967	-41.175	-36.677	-37.174	-41.172
91	0.90	-44.912	-44.449	-37.776	-25.860	-12.083	-0.415	6.663	9.363	10.275	12.730
101	1.00	18.741	27.634	36.108	39.698	34.917	21.013	0.544	-21.438	-39.125	-47.816
111	1.10	-45.177	-31.602	-9.813	15.895	40.455	58.786	66.622	61.513	43.816	17.212
121	1.20	-11.784	-35.527	-47.795	-46.229	-33.523	-16.590	-3.813	-1.428	-10.614	-26.693
131	1.30	-40.919	-44.183	-31.011	-2.084	35.839	72.514	98.129	106.788	93.148	76.704
141	1.40	49.355	22.549	0.319	-16.132	-27.512	-35.020	-39.363	-40.660	-39.063	-35.434
151	1.50	-31.436	-28.859	-28.540	-29.625	-29.769	-26.219	-17.612	-4.902	8.630	18.782
161	1.60	22.494	19.492	12.606	6.490	5.333	10.704	20.651	30.560	35.367	32.028
171	1.70	21.020	6.144	-7.241	-14.635	-14.260	-7.525	2.024	10.604	15.902	17.760
181	1.80	17.608	17.114	16.927	16.222	13.287	6.729	-3.439	-15.508	-26.759	-34.733
191	1.90	-38.371	-38.354	-36.474	-34.379	-32.440	-29.391	-23.012	-11.501	5.158	24.598
201	2.00	42.594	54.519	57.102	49.695	34.537	15.954	-1.116	-12.648	-16.590	-13.183
211	2.10	-4.614	5.730	14.164	17.548	14.027	3.557	-11.871	-28.516	-41.747	-47.396
221	2.20	-43.190	-29.743	-10.603	8.797	22.963	28.270	24.202	13.386	0.435	-9.890
231	2.30	-14.362	-12.152	-4.603	5.808	16.671	26.385	34.136	39.289	40.755	36.865
241	2.40	26.021	7.849	-15.738	-40.302	-59.799	-68.487	-63.112	-44.455	-17.517	9.852
251	2.50	29.415	35.231	25.581	3.467	-24.416	-49.834	-65.495	-67.093	-54.302	-30.581
261	2.60	-1.942	24.835	44.029	52.338	49.490	37.994	22.194	6.930	-3.791	-7.730
271	2.70	-4.761	3.415	13.957	23.713	29.900	30.532	24.633	12.366	-4.869	-24.272
281	2.80	-42.038	-53.817	-55.946	-46.777	-27.696	-3.238	20.021	35.585	39.441	31.740
291	2.90	16.919	2.036	-6.102	-3.833	7.739	23.194	35.199	37.824	29.274	12.764
301	3.00	-4.894	-16.371	-17.125	-7.414	7.927	21.774	27.983	24.059	12.019	-2.869
311	3.10	-14.753	-19.904	-18.166	-12.553	-7.345	-5.799	-8.674	-14.282	-19.879	-23.511
321	3.20	-25.196	-26.762	-30.425	-36.974	-44.665	-49.550	-47.225	-35.128	-14.194	11.051
331	3.30	34.120	49.166	53.316	47.804	36.865	25.895	18.909	17.087	18.792	20.934
341	3.40	20.823	17.519	12.039	6.466	2.594	0.928	0.572	-0.023	-2.006	-5.441
351	3.50	-9.405	-12.752	-14.997	-16.694	-19.014	-22.764	-27.479	-31.252	-31.552	-26.655
361	3.60	-16.907	-4.998	5.047	9.768	8.096	2.104	-3.824	-5.075	0.850	12.946
371	3.70	26.987	37.393	39.766	32.859	19.037	3.078	-10.013	-17.063	-17.696	-13.900
381	3.80	-8.630	-4.317	-2.078	-1.893	-3.385	-6.523	-11.680	-18.993	-27.521	-34.898
391	3.90	-37.941	-34.052	-22.705	-6.122	11.398	25.277	32.714	33.893	31.646	29.712
401	4.00	30.526	33.778	36.596	35.291	27.710	14.844	0.709	-9.554	-12.364	-7.708
411	4.10	0.716	7.382	7.904	1.472	-8.594	-16.588	-17.559	-10.200	2.123	12.842
421	4.20	15.461	6.978	-10.349	-29.836	-43.418	-45.389	-34.946	-16.352	3.301	17.475
431	4.30	22.982	20.870	15.131	10.139	8.298	9.138	10.216	9.099	5.194	0.298
441	4.40	-2.420	-0.385	6.668	16.243	24.195	26.809	22.705	13.521	3.047	-4.713
451	4.50	-7.470	-5.583	-1.562	1.463	1.414	-1.837	-6.735	-11.190	-13.836	-14.647
461	4.60	-14.622	-14.823	-15.476	-15.738	-14.308	-10.478	-4.925	0.360	3.047	1.862
471	4.70	-2.445	-7.182	-8.950	-5.422	3.235	14.132	22.790	25.156	19.502	7.289
481	4.80	-7.435	-19.778	-26.047	-25.146	-18.742	-10.262	-3.308	-0.259	-1.640	-6.347
491	4.90	-12.428	-17.910	-21.309	-21.737	-18.795	-12.518	-3.468	7.103	17.278	24.851

Table 7-41-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OYANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	28.022	26.104	19.879	11.342	2.931	-3.429	-6.967	-8.097	-7.855	-7.100
511	5.10	-5.947	-3.787	0.157	6.060	13.029	19.244	22.715	22.244	18.086	11.917
521	5.20	6.099	2.604	2.139	3.928	6.218	7.245	6.127	3.248	-0.032	-2.153
531	5.30	-2.162	-0.168	2.780	5.250	6.120	5.028	2.420	-0.783	-3.666	-5.701
541	5.40	-6.878	-7.589	-8.373	-9.668	-11.636	-14.084	-16.462	-17.929	-17.542	-14.557
551	5.50	-8.816	-1.038	7.167	13.680	16.600	15.042	9.630	2.393	-3.964	-7.139
561	5.60	-6.163	-1.727	4.251	9.630	13.077	14.610	15.360	16.701	19.240	22.264
571	5.70	23.971	22.408	16.605	7.292	-3.237	-12.081	-17.033	-17.555	-14.935	-11.531
581	5.80	-9.530	-9.862	-11.844	-13.705	-13.686	-11.099	-6.784	-2.723	-1.036	-2.914
591	5.90	-8.010	-14.615	-20.460	-23.717	-23.718	-21.057	-17.152	-13.524	-11.209	-10.515
601	6.00	-11.135	-12.432	-13.671	-14.106	-12.989	-9.653	-3.766	4.329	13.392	21.448
611	6.10	26.392	26.853	22.935	16.410	10.187	7.194	9.167	15.875	25.159	33.774
621	6.20	38.636	37.935	31.629	21.213	8.955	-2.955	-12.956	-20.213	-24.386	-25.363
631	6.30	-23.187	-18.223	-11.390	-4.183	1.656	4.742	4.627	2.003	-1.628	-4.712
641	6.40	-6.434	-7.104	-7.899	-10.065	-14.005	-18.763	-22.257	-22.191	-17.242	-7.917
651	6.50	3.377	13.138	18.109	16.558	8.957	-2.220	-13.425	-21.265	-23.509	-19.567
661	6.60	-10.371	2.113	15.469	27.290	35.486	38.503	35.577	26.982	14.167	-0.401
671	6.70	-13.755	-23.200	-27.074	-25.181	-18.723	-9.758	-0.469	7.461	13.093	16.118
681	6.80	16.534	14.414	9.909	3.471	-3.923	-10.779	-15.452	-16.747	-14.452	-9.489
691	6.90	-3.547	1.672	5.207	7.195	8.617	10.544	13.299	16.017	16.891	14.042
701	7.00	6.593	-4.611	-17.048	-27.374	-32.702	-31.730	-25.184	-15.590	-5.215	3.103
711	7.10	8.677	11.951	14.052	15.894	17.573	18.323	17.059	13.136	6.923	-0.162
721	7.20	-6.159	-9.370	-9.061	-5.713	-0.761	4.049	7.335	8.499	7.760	5.867
731	7.30	3.703	1.979	1.124	1.323	2.580	4.714	7.277	9.495	10.362	8.921
741	7.40	4.684	-2.021	-9.958	-17.256	-21.986	-22.827	-19.542	-13.077	-5.239	1.912
751	7.50	6.706	8.313	6.866	3.284	-1.105	-4.968	-7.286	-7.537	-5.749	-2.447
761	7.60	1.493	5.061	7.389	8.010	7.032	5.104	3.194	2.215	2.659	4.413
771	7.70	6.841	9.103	10.572	11.127	11.185	11.438	12.455	14.278	16.423	17.987
781	7.80	18.121	16.434	13.193	9.201	5.430	2.587	0.846	-0.142	-0.977	-2.156
791	7.90	-3.828	-5.789	-7.695	-9.336	-10.795	-12.353	-14.207	-16.161	-17.527	-17.356
801	8.00	-14.943	-10.373	-4.800	-0.231	1.180	-1.934	-9.386	-19.233	-28.289	-33.218
811	8.10	-31.782	-23.733	-10.974	3.097	14.795	21.421	22.102	17.888	11.141	4.510
821	8.20	-0.052	-1.830	-1.320	0.293	1.808	2.542	2.490	2.130	2.043	2.567
831	8.30	3.671	5.062	6.415	7.564	8.542	9.462	10.349	11.046	11.284	10.874
841	8.40	9.896	8.744	7.965	7.941	8.585	9.231	8.825	6.356	1.345	-5.839
851	8.50	-14.008	-21.531	-26.894	-29.207	-28.442	-25.315	-20.909	-16.232	-11.911	-8.147
861	8.60	-4.882	-2.049	0.255	1.784	2.305	1.805	0.607	-0.698	-1.468	-1.273
871	8.70	-0.073	1.786	3.742	5.284	6.172	6.525	6.740	7.283	8.452	10.202
881	8.80	12.093	13.404	13.353	11.384	7.422	2.009	-3.750	-8.459	-10.860	-10.287
891	8.90	-6.968	-2.037	2.816	5.927	6.271	3.829	-0.445	-5.066	-8.653	-10.462
901	9.00	-10.575	-9.662	-8.479	-7.395	-6.229	-4.495	-1.892	1.264	3.983	5.039
911	9.10	3.692	0.316	-3.478	-5.408	-3.574	2.485	11.290	19.814	24.665	23.562
921	9.20	16.407	5.429	-5.701	-13.391	-15.579	-12.454	-6.137	0.460	5.012	6.713
931	9.30	6.345	5.562	5.693	7.102	8.844	9.343	7.331	2.641	-3.599	-9.462
941	9.40	-13.127	-13.702	-11.557	-8.019	-4.638	-2.462	-1.568	-1.421	-1.208	-0.514
951	9.50	0.428	0.902	0.201	-1.879	-4.834	-7.652	-9.330	-9.386	-8.121	-6.452
961	9.60	-5.442	-5.756	-7.326	-9.381	-10.799	-10.594	-8.302	-4.118	1.230	6.752
971	9.70	11.486	14.691	15.935	15.129	12.537	8.763	4.678	1.223	-0.883	-1.423
981	9.80	-0.810	0.039	0.095	-1.312	-4.136	-7.593	-10.505	-11.859	-11.316	-9.399
991	9.90	-7.244	-6.027	-6.344	-7.860	-9.420	-9.577	-7.289	-2.443	4.043	10.583

Table 7-41-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	15.570	17.998	17.774	15.616	12.629	9.795	7.631	6.149	5.060	4.068
1011	10.10	3.060	2.097	1.251	0.423	-0.692	-2.458	-5.033	-8.154	-11.130	-13.090
1021	10.20	-13.378	-11.893	-9.182	-6.207	-3.886	-2.621	-2.085	-1.358	0.607	4.431
1031	10.30	9.949	16.210	21.867	25.753	27.362	27.003	25.552	23.948	22.686	21.584
1041	10.40	19.933	16.950	12.290	6.355	0.219	-4.783	-7.619	-7.990	-6.432	-4.062
1051	10.50	-2.096	-1.393	-2.210	-4.260	-6.964	-9.751	-12.216	-14.112	-15.228	-15.302
1061	10.60	-14.066	-11.438	-7.729	-3.704	-0.396	1.286	0.990	-0.846	-3.123	-4.537
1071	10.70	-4.179	-1.981	1.218	4.036	5.172	3.992	0.793	-3.364	-7.147	-9.518
1081	10.80	-10.079	-9.077	-7.105	-4.738	-2.308	0.070	2.268	3.943	4.532	3.516
1091	10.90	0.811	-2.952	-6.494	-8.338	-7.461	-3.831	1.482	6.731	10.248	11.196
1101	11.00	9.915	7.691	6.067	6.055	7.661	9.953	11.633	11.754	10.211	7.714
1111	11.10	5.289	3.614	2.570	1.314	-1.185	-5.422	-10.884	-16.130	-19.412	-19.536
1121	11.20	-16.492	-11.517	-6.520	-3.172	-2.118	-2.751	-3.627	-3.314	-1.211	2.128
1131	11.30	5.305	6.879	6.191	3.776	1.117	-0.125	0.987	4.131	7.822	10.107
1141	11.40	9.505	5.717	-0.235	-6.480	-11.126	-13.030	-12.148	-9.354	-5.889	-2.758
1151	11.50	-0.383	1.358	2.803	4.140	5.228	5.692	5.228	3.873	2.082	0.562
1161	11.60	-0.116	0.232	1.307	2.517	3.312	3.473	3.176	2.803	2.629	2.576
1171	11.70	2.203	0.968	-1.391	-4.575	-7.726	-9.758	-9.864	-7.937	-4.685	-1.345
1181	11.80	0.868	1.322	0.252	-1.375	-2.349	-1.822	0.270	3.173	5.679	6.703
1191	11.90	5.780	3.269	0.150	-2.436	-3.691	-3.457	-2.187	-0.639	0.515	0.982
1201	12.00	0.879	0.550	0.272	0.052	-0.389	-1.431	-3.295	-5.860	-8.668	-11.108
1211	12.10	-12.698	-13.281	-13.052	-12.390	-11.598	-10.708	-9.456	-7.455	-4.464	-0.604
1221	12.20	3.610	7.446	10.253	11.742	12.078	11.754	11.318	11.081	10.991	10.714
1231	12.30	9.879	8.343	6.326	4.315	2.817	2.070	1.892	1.763	1.095	-0.441
1241	12.40	-2.718	-5.194	-7.575	-8.167	-8.124	-7.448	-6.750	-6.484	-6.663	-6.811
1251	12.50	-6.197	-4.235	-0.841	3.432	7.572	10.512	11.574	10.735	8.605	6.126
1261	12.60	4.157	3.136	2.970	3.164	3.110	2.368	0.819	-1.359	-3.820	-6.203
1271	12.70	-8.204	-9.577	-10.097	-9.564	-7.887	-5.209	-1.975	1.132	3.415	4.460
1281	12.80	4.368	3.760	3.539	4.459	6.728	9.832	12.695	14.134	13.396	10.531
1291	12.90	6.396	2.291	-0.621	-1.836	-1.707	-1.235	-1.536	-3.259	-6.220	-9.448
1301	13.00	-11.618	-11.674	-9.351	-5.349	-1.091	1.838	2.315	0.111	-4.052	-8.800
1311	13.10	-12.629	-14.436	-13.830	-11.169	-7.318	-3.287	0.127	2.546	4.030	4.942
1321	13.20	5.712	6.633	7.718	8.702	9.151	8.660	7.051	4.508	1.572	-1.013
1331	13.30	-2.561	-2.715	-1.625	0.071	1.472	1.754	0.509	-2.074	-5.272	-8.110
1341	13.40	-9.736	-9.235	-8.240	-5.811	-3.143	-0.769	1.119	2.668	4.080	5.590
1351	13.50	7.122	8.412	9.146	9.160	8.553	7.650	6.834	6.337	6.109	5.841
1361	13.60	5.133	3.703	1.552	-1.019	-3.527	-5.480	-6.529	-6.515	-5.434	-3.365
1371	13.70	-0.431	3.165	7.080	10.816	13.805	15.602	16.082	15.539	14.580	13.836
1381	13.80	13.619	13.703	13.375	11.772	8.350	3.258	-2.611	-7.949	-11.613	-13.173
1391	13.90	-13.143	-12.743	-13.290	-15.498	-19.041	-22.619	-24.515	-23.393	-18.951	-12.116
1401	14.00	-4.679	1.448	5.000	5.802	4.690	3.008	1.940	2.029	3.085	4.467
1411	14.10	5.542	6.042	6.132	6.193	6.490	6.961	7.266	7.075	6.389	5.681
1421	14.20	5.712	7.091	9.806	13.021	15.290	15.147	11.792	5.550	-2.166	-9.389
1431	14.30	-14.383	-16.326	-15.556	-13.286	-10.941	-9.472	-8.971	-8.760	-7.877	-5.665
1441	14.40	-2.168	1.891	5.480	7.782	8.563	8.208	7.621	6.790	6.456	6.092
1451	14.50	5.171	3.359	0.803	-1.881	-3.900	-4.710	-4.320	-3.304	-2.515	-2.633
1461	14.60	-3.817	-5.638	-7.330	-8.212	-8.054	-7.175	-6.233	-5.814	-6.073	-6.622
1471	14.70	-6.727	-5.732	-3.440	-0.272	2.907	5.209	6.150	5.871	5.027	4.406
1481	14.80	4.488	5.183	5.876	5.763	4.290	1.460	-2.150	-5.660	-8.304	-9.756
1491	14.90	-10.220	-10.227	-10.289	-10.592	-10.897	-10.704	-9.571	-7.412	-4.609	-1.870

Table 7-41-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	0.080	0.823	0.416	-0.666	-1.777	-2.401	-2.356	-1.821	-1.192	-0.865
1511	15.10	-1.054	-1.726	-2.641	-3.465	-3.870	-3.598	-2.490	-0.510	2.208	5.320
1521	15.20	8.270	10.399	11.130	10.203	7.808	4.573	1.343	-1.142	-2.529	-2.961
1531	15.30	-2.949	-3.070	-3.654	-4.622	-5.563	-6.004	-5.716	-4.877	-3.981	-3.541
1541	15.40	-3.743	-4.261	-4.359	-3.253	-0.553	3.448	7.811	11.317	12.992	12.538
1551	15.50	10.442	7.725	5.443	4.210	3.980	4.179	4.116	3.421	2.278	1.329
1561	15.60	1.290	2.513	4.723	7.081	8.554	8.407	6.551	3.592	0.557	-1.568
1571	15.70	-2.243	-1.550	-0.061	1.482	2.521	2.878	2.728	2.409	2.183	2.104
1581	15.80	2.040	1.802	1.301	0.604	-0.120	-0.734	-1.245	-1.818	-2.667	-3.892
1591	15.90	-5.350	-6.648	-7.275	-6.810	-5.112	-2.400	0.812	3.890	6.274	7.635
1601	16.00	7.920	7.315	6.150	4.798	3.583	2.724	2.268	2.090	1.911	1.379
1611	16.10	0.217	-1.633	-3.924	-6.142	-7.664	-8.008	-7.065	-5.077	-2.737	-0.742
1621	16.20	0.396	0.548	-0.024	-0.842	-1.463	-1.684	-1.591	-1.448	-1.495	-1.786
1631	16.30	-2.148	-2.309	-2.078	-1.507	-0.893	-0.634	-0.994	-1.913	-2.965	-3.515
1641	16.40	-2.989	-1.150	1.766	5.108	8.037	9.824	10.087	8.896	6.713	4.216
1651	16.50	2.097	0.889	0.852	1.939	3.813	5.924	7.628	8.354	7.765	5.882
1661	16.60	3.089	0.012	-2.705	-4.629	-5.682	-6.115	-6.329	-6.631	-7.060	-7.366
1671	16.70	-7.176	-6.248	-4.682	-2.948	-1.723	-1.578	-2.699	-4.774	-7.114	-8.946
1681	16.80	-9.746	-9.433	-8.342	-6.999	-5.843	-5.025	-4.406	-3.725	-2.831	-1.825
1691	16.90	-1.030	-0.794	-1.251	-2.179	-3.062	-3.323	-2.619	-1.035	0.948	2.695
1701	17.00	3.748	4.073	4.081	4.410	5.563	7.612	10.100	12.229	13.219	12.690
1711	17.10	10.845	8.395	6.232	5.028	4.941	5.565	6.147	5.950	4.603	2.265
1721	17.20	-0.446	-2.731	-3.943	-3.851	-2.706	-1.115	0.217	0.767	0.370	-0.748
1731	17.30	-2.084	-3.061	-3.239	-2.444	-0.808	1.319	3.506	5.396	6.810	7.764
1741	17.40	8.401	8.868	9.195	9.249	8.770	7.503	5.358	2.525	-0.523	-3.159
1751	17.50	-4.819	-5.225	-4.519	-3.226	-2.069	-1.696	-2.434	-4.172	-6.421	-8.618
1761	17.60	-9.892	-10.265	-9.720	-8.612	-7.379	-6.343	-5.605	-5.048	-4.464	-3.706
1771	17.70	-2.792	-1.924	-1.384	-1.392	-1.977	-2.934	-3.889	-4.447	-4.345	-3.571
1781	17.80	-2.361	-1.107	-0.206	0.106	-0.170	-0.791	-1.372	-1.526	-1.001	0.238
1791	17.90	2.008	3.963	5.700	6.859	7.197	6.632	5.243	3.257	1.008	-1.110
1801	18.00	-2.708	-3.480	-3.274	-2.145	-0.352	1.697	3.557	4.870	5.458	5.365
1811	18.10	4.800	4.044	3.329	2.762	2.309	1.855	1.294	0.603	-0.132	-0.757
1821	18.20	-1.140	-1.258	-1.242	-1.353	-1.896	-3.106	-5.046	-7.561	-10.301	-12.800
1831	18.30	-14.590	-15.314	-14.813	-13.162	-10.655	-7.732	-4.875	-2.481	-0.765	0.299
1841	18.40	0.945	1.520	2.332	3.516	4.962	6.342	7.239	7.315	6.457	4.835
1851	18.50	2.842	0.946	-0.477	-1.260	-1.464	-1.288	-0.943	-0.542	-0.079	0.510
1861	18.60	1.232	1.958	2.414	2.294	1.423	-0.094	-1.825	-3.116	-3.306	-1.997
1871	18.70	0.764	4.450	8.198	11.090	12.447	12.039	10.130	7.339	4.404	1.923
1881	18.80	0.186	-0.850	-1.452	-1.932	-2.484	-3.095	-3.588	-3.733	-3.401	-2.664
1891	18.90	-1.794	-1.174	-1.138	-1.821	-3.076	-4.498	-5.543	-5.703	-4.665	-2.409
1901	19.00	0.795	4.470	8.057	11.048	13.075	13.953	13.669	12.362	10.280	7.755
1911	19.10	5.160	2.864	1.175	0.271	0.158	0.666	1.487	2.266	2.691	2.577
1921	19.20	1.897	0.762	-0.634	-2.086	-3.419	-4.527	-5.341	-5.811	-5.894	-5.553
1931	19.30	-4.799	-3.716	-2.494	-1.399	-0.724	-0.692	-1.382	-2.676	-4.278	-5.797
1941	19.40	-6.867	-7.267	-6.996	-6.269	-5.424	-4.792	-4.556	-4.685	-4.941	-4.991
1951	19.50	-4.551	-3.513	-2.001	-0.316	1.180	2.213	2.687	2.700	2.464	2.188
1961	19.60	1.987	1.861	1.748	1.617	1.535	1.666	2.186	3.166	4.482	5.827
1971	19.70	6.824	7.193	6.903	6.209	5.552	5.363	5.860	6.944	8.238	9.266
1981	19.80	9.669	9.358	8.511	7.442	6.386	5.349	4.090	2.262	-0.354	-3.682
1991	19.90	-7.200	-10.282	-12.265	-12.826	-12.107	-10.655	-9.192	-8.309	-8.241	-8.817

Table 7-41-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-9.599	-10.127	-10.150	-9.720	-9.118	-8.660	-8.498	-8.524	-8.429	-7.875
2011	20.10	-6.695	-5.004	-3.153	-1.561	-0.498	0.059	0.421	1.033	2.240	4.098
2021	20.20	6.313	8.351	9.660	9.908	9.120	7.664	6.089	4.908	4.412	4.606
2031	20.30	5.254	6.041	6.694	7.074	7.167	7.014	6.638	6.015	5.118	3.982
2041	20.40	2.757	1.694	1.051	0.962	1.348	1.906	2.217	1.929	0.912	-0.663
2051	20.50	-2.394	-3.823	-4.633	-4.779	-4.481	-4.085	-3.872	-3.903	-4.008	-3.898
2061	20.60	-3.369	-2.464	-1.504	-0.953	-1.183	-2.234	-3.731	-4.978	-5.241	-4.061
2071	20.70	-1.486	1.915	5.252	7.646	8.544	7.888	6.067	3.706	1.402	-0.477
2081	20.80	-1.829	-2.719	-3.225	-3.315	-2.854	-1.714	0.071	2.213	4.203	5.672
2091	20.90	5.616	4.566	2.625	0.355	-1.639	-2.927	-3.378	-3.139	-2.514	-1.794
2101	21.00	-1.148	-0.598	-0.095	0.336	0.773	0.915	0.658	-0.053	-1.117	-2.290
2111	21.10	-3.286	-3.885	-4.025	-3.806	-3.432	-3.106	-2.942	-2.937	-3.000	-3.023
2121	21.20	-2.940	-2.743	-2.458	-2.095	-1.612	-0.928	0.033	1.273	2.681	4.051
2131	21.30	5.139	5.765	5.874	5.559	5.013	4.445	4.003	3.723	3.547	3.368
2141	21.40	3.089	2.660	2.070	1.325	0.416	-0.681	-1.979	-3.439	-4.937	-6.281
2151	21.50	-7.269	-7.770	-7.787	-7.473	-7.073	-6.831	-6.878	-7.181	-7.548	-7.714
2161	21.60	-7.444	-6.625	-5.301	-3.632	-1.822	-0.031	1.664	3.264	4.792	6.233
2171	21.70	7.505	8.474	9.005	9.036	8.620	7.919	7.156	6.534	6.169	6.060
2181	21.80	6.105	6.153	6.076	5.811	5.379	4.862	4.361	3.951	3.657	3.451
2191	21.90	3.271	3.051	2.744	2.340	1.855	1.322	0.772	0.226	-0.307	-0.811
2201	22.00	-1.252	-1.559	-1.639	-1.403	-0.810	0.094	1.156	2.141	2.791	2.897
2211	22.10	2.371	1.268	-0.240	-1.930	-3.607	-5.150	-6.516	-7.699	-8.664	-9.324
2221	22.20	-9.545	-9.220	-8.350	-7.088	-5.726	-4.597	-3.950	-3.841	-4.108	-4.439
2231	22.30	-4.511	-4.128	-3.300	-2.217	-1.133	-0.226	0.496	1.190	2.078	3.299
2241	22.40	4.795	6.287	7.369	7.671	7.014	5.493	3.446	1.319	-0.495	-1.787
2251	22.50	-2.565	-3.006	-3.338	-3.730	-4.225	-4.739	-5.119	-5.213	-4.935	-4.287
2261	22.60	-3.356	-2.279	-1.209	-0.278	0.432	0.904	1.186	1.370	1.541	1.731
2271	22.70	1.877	1.821	1.367	0.366	-1.198	-3.158	-5.203	-6.965	-8.157	-8.668
2281	22.80	-8.589	-8.158	-7.635	-7.196	-6.864	-6.536	-6.069	-5.372	-4.464	-3.454
2291	22.90	-2.472	-1.575	-0.711	0.260	1.478	2.993	4.706	6.396	7.805	8.748
2301	23.00	9.190	9.242	9.095	8.923	8.800	8.685	8.470	8.058	7.431	6.666
2311	23.10	5.897	5.250	4.779	4.453	4.183	3.878	3.486	3.017	2.516	2.029
2321	23.20	1.576	1.146	0.722	0.301	-0.100	-0.458	-0.782	-1.129	-1.591	-2.251
2331	23.30	-3.117	-4.089	-4.966	-5.519	-5.581	-5.122	-4.269	-3.247	-2.284	-1.511
2341	23.40	-0.919	-0.378	0.269	1.118	2.137	3.179	4.046	4.585	4.761	4.662
2351	23.50	4.455	4.295	4.256	4.306	4.341	4.253	4.002	3.645	3.313	3.150
2361	23.60	3.233	3.533	3.912	4.182	4.178	3.828	3.188	2.418	1.719	1.254
2371	23.70	1.078	1.106	1.141	0.941	0.309	-0.821	-2.342	-3.996	-5.445	-6.382
2381	23.80	-6.638	-6.236	-5.386	-4.402	-3.593	-3.149	-3.091	-3.279	-3.496	-3.542
2391	23.90	-3.325	-2.883	-2.352	-1.894	-1.616	-1.532	-1.574	-1.637	-1.649	-1.603
2401	24.00	-1.559	-1.603	-1.793	-2.123	-2.518	-2.868	-3.075	-3.098	-2.957	-2.717
2411	24.10	-2.450	-2.203	-1.988	-1.794	-1.613	-1.456	-1.351	-1.316	-1.337	-1.351
2421	24.20	-1.264	-0.988	-0.489	0.185	0.908	1.523	1.899	1.992	1.858	1.633
2431	24.30	1.475	1.506	1.769	2.217	2.743	3.225	3.560	3.692	3.612	3.347
2441	24.40	2.956	2.523	2.156	1.979	2.105	2.596	3.442	4.525	5.660	6.665
2451	24.50	7.327	7.654	7.685	7.558	7.420	7.367	7.413	7.496	7.525	7.424
2461	24.60	7.156	6.715	6.095	5.263	4.168	2.777	1.135	-0.602	-2.194	-3.386
2471	24.70	-4.028	-4.154	-3.991	-3.884	-4.147	-4.924	-6.117	-7.429	-8.497	-9.058
2481	24.80	-9.072	-8.721	-8.315	-8.113	-8.188	-8.375	-8.348	-7.777	-6.495	-4.594
2491	24.90	-2.391	-0.315	1.265	2.164	2.412	2.202	1.782	1.351	1.013	0.781

Table 7-41-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.623	0.496	0.361	0.171	-0.138	-0.637	-1.355	-2.238	-3.129	-3.812
2511	25.10	-4.101	-3.939	-3.450	-2.899	-2.576	-2.654	-3.096	-3.667	-4.053	-4.031
2521	25.20	-3.599	-2.988	-2.568	-2.560	-3.070	-3.838	-4.445	-4.492	-3.810	-2.559
2531	25.30	-1.162	-0.118	0.234	-0.142	-0.984	-1.882	-2.489	-2.679	-2.574	-2.431
2541	25.40	-2.462	-2.689	-2.920	-2.862	-2.302	-1.253	0.021	1.117	1.691	1.634
2551	25.50	1.134	0.586	0.396	0.783	1.677	2.761	3.634	4.010	3.842	3.324
2561	25.60	2.781	2.494	2.578	2.952	3.414	3.761	3.886	3.804	3.592	3.298
2571	25.70	2.885	2.244	1.287	0.047	-1.262	-2.283	-2.647	-2.134	-0.799	1.025
2581	25.80	2.837	4.153	4.685	4.441	3.683	2.805	2.149	1.886	1.975	2.231
2591	25.90	2.444	2.493	2.392	2.259	2.230	2.361	2.587	2.738	2.617	2.101
2601	26.00	1.204	0.084	-1.008	-1.824	-2.201	-2.106	-1.634	-0.954	-0.243	0.367
2611	26.10	0.805	1.054	1.113	0.978	0.629	0.054	-0.721	-1.614	-2.486	-3.173
2621	26.20	-3.546	-3.554	-3.253	-2.787	-2.337	-2.046	-1.964	-2.024	-2.071	-1.929
2631	26.30	-1.480	-0.723	0.204	1.070	1.614	1.636	1.055	-0.067	-1.542	-3.106
2641	26.40	-4.479	-5.418	-5.751	-5.398	-4.379	-2.817	-0.926	1.013	2.704	3.902
2651	26.50	4.477	4.466	4.064	3.571	3.295	3.451	4.087	5.072	6.146	7.022
2661	26.60	7.482	7.450	7.003	6.325	5.631	5.091	4.790	4.724	4.827	5.018
2671	26.70	5.217	5.366	5.410	5.298	4.984	4.444	3.705	2.848	2.002	1.297
2681	26.80	0.824	0.595	0.546	0.563	0.533	0.395	0.158	-0.114	-0.337	-0.456
2691	26.90	-0.468	-0.419	-0.378	-0.402	-0.514	-0.701	-0.934	-1.190	-1.463	-1.760
2701	27.00	-2.081	-2.406	-2.696	-2.906	-3.014	-3.034	-3.013	-3.000	-3.019	-3.047
2711	27.10	-3.028	-2.911	-2.703	-2.487	-2.414	-2.637	-3.238	-4.177	-5.285	-6.330
2721	27.20	-7.104	-7.511	-7.598	-7.521	-7.452	-7.487	-7.591	-7.613	-7.370	-6.744
2731	27.30	-5.756	-4.573	-3.432	-2.542	-1.991	-1.714	-1.539	-1.271	-0.794	-0.106
2741	27.40	0.687	1.446	2.073	2.556	2.959	3.365	3.810	4.250	4.574	4.664
2751	27.50	4.467	4.037	3.517	3.086	2.873	2.907	3.111	3.346	3.490	3.490
2761	27.60	3.381	3.255	3.202	3.259	3.395	3.539	3.629	3.652	3.659	3.721
2771	27.70	3.887	4.130	4.348	4.404	4.196	3.715	3.064	2.421	1.963	1.786
2781	27.80	1.862	2.052	2.171	2.071	1.708	1.147	0.528	-0.007	-0.383	-0.618
2791	27.90	-0.802	-1.050	-1.440	-1.991	-2.664	-3.398	-4.152	-4.916	-5.702	-6.507
2801	28.00	-7.289	-7.962	-8.433	-8.652	-8.657	-8.574	-8.567	-8.765	-9.182	-9.694
2811	28.10	-10.075	-10.095	-9.621	-8.691	-7.508	-6.348	-5.459	-4.933	-4.674	-4.445
2821	28.20	-3.979	-3.105	-1.835	-0.353	1.058	2.143	2.784	3.037	3.096	3.197
2831	28.30	3.512	4.080	4.810	5.534	6.093	6.403	6.475	6.390	6.245	6.101
2841	28.40	5.965	5.805	5.576	5.263	4.881	4.470	4.064	3.675	3.286	2.873
2851	28.50	2.430	1.979	1.568	1.246	1.030	0.889	0.748	0.524	0.156	-0.359
2861	28.60	-0.966	-1.574	-2.093	-2.467	-2.697	-2.830	-2.936	-3.074	-3.270	-3.500
2871	28.70	-3.697	-3.767	-3.617	-3.181	-2.449	-1.488	-0.444	0.483	1.086	1.222
2881	28.80	0.865	0.136	-0.714	-1.384	-1.623	-1.321	-0.556	0.431	1.324	1.853
2891	28.90	1.894	1.515	0.940	0.457	0.306	0.583	1.222	2.021	2.734	3.151
2901	29.00	3.170	2.810	2.188	1.467	0.809	0.334	0.104	0.125	0.348	0.682
2911	29.10	1.013	1.224	1.229	1.006	0.607	0.155	-0.201	-0.338	-0.214	0.116
2921	29.20	0.516	0.829	0.941	0.835	0.591	0.351	0.248	0.346	0.602	0.896
2931	29.30	1.087	1.085	0.908	0.679	0.587	0.803	1.418	2.394	3.589	4.804
2941	29.40	5.856	6.640	7.147	7.465	7.635	7.796	7.954	8.081	8.113	7.990
2951	29.50	7.689	7.230	6.678	6.109	5.591	5.148	4.759	4.354	3.836	3.105
2961	29.60	2.110	0.859	-0.552	-1.950	-3.123	-3.878	-4.107	-3.834	-3.224	-2.544
2971	29.70	-2.089	-2.082	-2.607	-3.576	-4.765	-5.890	-6.707	-7.087	-7.049	-6.738
2981	29.80	-6.358	-6.095	-6.056	-6.248	-6.589	-6.952	-7.213	-7.288	-7.141	-6.783
2991	29.90	-6.258	-5.623	-4.941	-4.274	-3.683	-3.219	-2.915	-2.775	-2.765	-2.818

Table 7-41-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-2.844	-2.747	-2.449	-1.917	-1.172	-0.298	0.572	1.250	1.727	1.816
3011	30.10	1.579	1.120	0.597	0.165	-0.080	-0.128	-0.057	0.012	-0.020	-0.183
3021	30.20	-0.419	-0.610	-0.636	-0.441	-0.066	0.363	0.691	0.801	0.665	0.347
3031	30.30	-0.038	-0.387	-0.659	-0.887	-1.134	-1.437	-1.749	-1.939	-1.833	-1.298
3041	30.40	-0.316	0.983	2.360	3.540	4.317	4.609	4.468	4.026	3.421	2.739
3051	30.50	1.994	1.169	0.266	-0.646	-1.434	-1.941	-2.054	-1.766	-1.184	-0.494
3061	30.60	0.109	0.491	0.618	0.561	0.360	0.164	0.007	-0.099	-0.154	-0.141
3071	30.70	-0.027	0.227	0.622	1.093	1.515	1.738	1.653	1.249	0.625	-0.033
3081	30.80	-0.523	-0.708	-0.561	-0.174	0.297	0.696	0.929	0.990	0.943	0.874
3091	30.90	0.840	0.849	0.868	0.854	0.797	0.734	0.736	0.875	1.178	1.605
3101	31.00	2.057	2.409	2.559	2.466	2.157	1.705	1.198	0.696	0.218	-0.251
3111	31.10	-0.732	-1.228	-1.711	-2.132	-2.450	-2.661	-2.810	-2.978	-3.246	-3.649
3121	31.20	-4.156	-4.661	-5.037	-5.169	-5.014	-4.619	-4.104	-3.616	-3.276	-3.137
3131	31.30	-3.177	-3.323	-3.493	-3.636	-3.750	-3.868	-4.031	-4.248	-4.486	-4.670
3141	31.40	-4.713	-4.569	-4.152	-3.538	-2.745	-1.817	-0.782	0.339	1.522	2.719
3151	31.50	3.853	4.831	5.562	5.986	6.091	5.909	5.512	4.989	4.441	3.974
3161	31.60	3.695	3.696	4.026	4.659	5.467	6.233	6.707	6.688	6.109	5.087
3171	31.70	3.905	2.922	2.446	2.622	3.376	4.443	5.476	6.176	6.401	6.197
3181	31.80	5.756	5.315	5.052	5.023	5.165	5.357	5.493	5.535	5.517	5.498
3191	31.90	5.508	5.504	5.380	5.015	4.342	3.392	2.298	1.247	0.395	-0.192
3201	32.00	-0.570	-0.882	-1.293	-1.906	-2.722	-3.634	-4.480	-5.113	-5.459	-5.546
3211	32.10	-5.477	-5.384	-5.368	-5.467	-5.653	-5.864	-6.043	-6.175	-6.289	-6.438
3221	32.20	-6.664	-6.960	-7.260	-7.456	-7.435	-7.132	-6.562	-5.829	-5.092	-4.513
3231	32.30	-4.199	-4.161	-4.308	-4.481	-4.513	-4.285	-3.772	-3.043	-2.234	-1.495
3241	32.40	-0.934	-0.589	-0.423	-0.351	-0.275	-0.116	0.170	0.598	1.159	1.834
3251	32.50	2.596	3.403	4.191	4.885	5.412	5.734	5.870	5.891	5.904	6.061
3261	32.60	6.215	6.496	6.718	6.727	6.405	5.723	4.764	3.697	2.722	1.995
3271	32.70	1.578	1.424	1.411	1.390	1.257	0.977	0.593	0.188	-0.164	-0.434
3281	32.80	-0.650	-0.877	-1.169	-1.534	-1.906	-2.166	-2.187	-1.889	-1.285	-0.489
3291	32.90	0.318	0.951	1.292	1.337	1.190	1.021	0.981	1.136	1.432	1.712
3301	33.00	1.792	1.546	0.973	0.214	-0.505	-0.960	-1.028	-0.742	-0.277	0.121
3311	33.10	0.240	-0.012	-0.573	-1.266	-1.881	-2.263	-2.374	-2.291	-2.153	-2.088
3321	33.20	-2.154	-2.327	-2.530	-2.689	-2.779	-2.831	-2.910	-3.063	-3.284	-3.504
3331	33.30	-3.626	-3.570	-3.319	-2.925	-2.481	-2.067	-1.714	-1.389	-1.029	-0.591
3341	33.40	-0.095	0.364	0.657	0.677	0.406	-0.072	-0.592	-0.980	-1.123	-1.008
3351	33.50	-0.722	-0.397	-0.148	-0.020	0.015	0.028	0.087	0.216	0.389	0.553
3361	33.60	0.469	0.733	0.773	0.828	0.904	0.970	0.965	0.844	0.611	0.338
3371	33.70	0.132	0.080	0.193	0.382	0.483	0.335	-0.145	-0.912	-1.808	-2.626
3381	33.80	-3.202	-3.484	-3.543	-3.520	-3.546	-3.669	-3.829	-3.906	-3.796	-3.483
3391	33.90	-3.065	-2.715	-2.595	-2.771	-3.178	-3.642	-3.967	-4.023	-3.805	-3.417
3401	34.00	-3.011	-2.694	-2.467	-2.232	-1.854	-1.244	-0.430	0.435	1.141	1.505
3411	34.10	1.466	1.108	0.627	0.245	0.116	0.278	0.654	1.115	1.549	1.911
3421	34.20	2.231	2.570	2.966	3.395	3.769	3.978	3.944	3.666	3.228	2.760
3431	34.30	2.388	2.181	2.130	2.161	2.175	2.097	1.902	1.617	1.302	1.015
3441	34.40	0.792	0.634	0.513	0.393	0.240	0.039	-0.207	-0.480	-0.752	-0.991
3451	34.50	-1.167	-1.261	-1.267	-1.193	-1.051	-0.851	-0.592	-0.255	0.182	0.730
3461	34.60	1.370	2.048	2.692	3.231	3.633	3.916	4.143	4.386	4.683	5.005
3471	34.70	5.257	5.310	5.060	4.485	3.666	2.770	1.992	1.480	1.284	1.337
3481	34.80	1.490	1.582	1.501	1.230	0.845	0.472	0.237	0.212	0.394	0.715
3491	34.90	1.070	1.355	1.491	1.439	1.199	0.806	0.326	-0.154	-0.534	-0.721

Table 7-41-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.658	-0.343	0.163	0.751	1.304	1.737	2.032	2.234	2.427	2.687
3511	35.10	3.040	3.446	3.815	4.055	4.115	4.012	3.826	3.653	3.561	3.551
3521	35.20	3.561	3.499	3.296	2.949	2.528	2.151	1.925	1.902	2.052	2.283
3531	35.30	2.489	2.594	2.588	2.516	2.438	2.391	2.360	2.284	2.095	1.759
3541	35.40	1.295	0.768	0.265	-0.252	-0.763	-1.378	-2.176	-3.163	-4.239	-5.215
3551	35.50	-5.884	-6.117	-5.927	-5.483	-5.044	-4.851	-5.017	-5.473	-5.995	-6.300
3561	35.60	-6.172	-5.560	-4.599	-3.555	-2.716	-2.271	-2.252	-2.535	-2.911	-3.184
3571	35.70	-3.249	-3.119	-2.892	-2.693	-2.599	-2.614	-2.669	-2.671	-2.547	-2.282
3581	35.80	-1.919	-1.539	-1.217	-0.995	-0.867	-0.785	-0.686	-0.511	-0.233	0.141
3591	35.90	0.568	0.981	1.306	1.476	1.452	1.235	0.863	0.405	-0.061	-0.471
3601	36.00	-0.796	-1.040	-1.231	-1.400	-1.563	-1.712	-1.833	-1.916	-1.983	-2.085
3611	36.10	-2.290	-2.651	-3.174	-3.810	-4.460	-5.013	-5.379	-5.526	-5.482	-5.320
3621	36.20	-5.120	-4.944	-4.809	-4.697	-4.570	-4.393	-4.155	-3.870	-3.569	-3.291
3631	36.30	-3.062	-2.895	-2.781	-2.693	-2.591	-2.422	-2.135	-1.694	-1.093	-0.372
3641	36.40	0.385	1.073	1.589	1.871	1.915	1.781	1.560	1.347	1.202	1.142
3651	36.50	1.143	1.174	1.223	1.311	1.488	1.795	2.242	2.777	3.301	3.702
3661	36.60	3.895	3.868	3.687	3.474	3.359	3.423	3.667	4.010	4.322	4.485
3671	36.70	4.442	4.220	3.916	3.656	3.529	3.548	3.639	3.670	3.512	3.101
3681	36.80	2.473	1.764	1.158	0.821	0.831	1.152	1.644	2.120	2.419	2.462
3691	36.90	2.272	1.948	1.610	1.338	1.142	0.967	0.730	0.379	-0.080	-0.575
3701	37.00	-1.004	-1.285	-1.399	-1.394	-1.365	-1.398	-1.525	-1.704	-1.840	-1.829
3711	37.10	-1.615	-1.216	-0.722	-0.253	0.092	0.277	0.332	0.329	0.338	0.390
3721	37.20	0.467	0.525	0.527	0.476	0.422	0.435	0.561	0.791	1.048	1.216
3731	37.30	1.192	0.938	0.502	0.006	-0.410	-0.647	-0.691	-0.615	-0.539	-0.571
3741	37.40	-0.752	-1.036	-1.312	-1.454	-1.381	-1.094	-0.674	-0.248	0.065	0.198
3751	37.50	0.154	-0.004	-0.189	-0.322	-0.361	-0.306	-0.175	-0.017	0.126	0.209
3761	37.60	0.185	0.013	-0.329	-0.832	-1.439	-2.053	-2.560	-2.869	-2.943	-2.815
3771	37.70	-2.573	-2.322	-2.135	-2.025	-1.945	-1.816	-1.577	-1.221	-0.807	-0.432
3781	37.80	-0.186	-0.106	-0.155	-0.238	-0.246	-0.111	0.167	0.520	0.850	1.084
3791	37.90	1.209	1.278	1.380	1.587	1.909	2.279	2.580	2.697	2.574	2.251
3801	38.00	1.650	1.526	1.408	1.538	1.856	2.229	2.505	2.585	2.460	2.217
3811	38.10	2.002	1.951	2.135	2.525	3.001	3.400	3.579	3.477	3.141	2.705
3821	38.20	2.341	2.190	2.302	2.618	2.993	3.251	3.260	2.981	2.481	1.905
3831	38.30	1.416	1.129	1.075	1.196	1.385	1.539	1.599	1.571	1.501	1.443
3841	38.40	1.414	1.390	1.313	1.137	0.860	0.542	0.284	0.187	0.301	0.600
3851	38.50	0.985	1.324	1.506	1.483	1.285	0.994	0.705	0.479	0.326	0.202
3861	38.60	0.069	-0.177	-0.483	-0.831	-1.164	-1.431	-1.607	-1.703	-1.753	-1.798
3871	38.70	-1.871	-1.985	-2.139	-2.317	-2.500	-2.667	-2.792	-2.853	-2.833	-2.731
3881	38.80	-2.566	-2.375	-2.204	-2.089	-2.045	-2.055	-2.081	-2.079	-2.011	-1.862
3891	38.90	-1.639	-1.364	-1.064	-0.766	-0.499	-0.292	-0.177	-0.178	-0.299	-0.506
3901	39.00	-0.730	-0.881	-0.881	-0.699	-0.374	-0.014	0.241	0.265	0.002	-0.515
3911	39.10	-1.167	-1.793	-2.250	-2.461	-2.437	-2.269	-2.085	-1.997	-2.065	-2.276
3921	39.20	-2.562	-2.831	-3.010	-3.071	-3.044	-2.994	-2.999	-3.114	-3.344	-3.644
3931	39.30	-3.923	-4.085	-4.054	-3.810	-3.399	-2.920	-2.496	-2.232	-2.179	-2.314
3941	39.40	-2.549	-2.764	-2.843	-2.721	-2.396	-1.932	-1.425	-0.974	-0.643	-0.446
3951	39.50	-0.351	-0.297	-0.217	-0.063	0.183	0.509	0.880	1.249	1.568	1.801
3961	39.60	1.929	1.954	1.904	1.822	1.755	1.765	1.812	1.946	2.116	2.278
3971	39.70	2.387	2.416	2.356	2.216	2.016	1.777	1.521	1.267	1.038	0.851
3981	39.80	0.720	0.637	0.573	0.479	0.299	-0.005	-0.430	-0.927	-1.410	-1.787
3991	39.90	-1.991	-2.008	-1.879	-1.684	-1.505	-1.388	-1.332	-1.292	-1.207	-1.037

Table 7-41-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.790	-0.518	-0.299	-0.199	-0.244	-0.405	-0.617	-0.802	-0.913	-0.942
4011	40.10	-0.924	-0.909	-0.936	-1.011	-1.110	-1.192	-1.233	-1.236	-1.234	-1.270
4021	40.20	-1.363	-1.493	-1.595	-1.584	-1.394	-1.009	-0.481	0.091	0.595	0.954
4031	40.30	1.159	1.268	1.384	1.600	1.965	2.454	2.984	3.440	3.726	3.795
4041	40.40	3.664	3.401	3.095	2.828	2.648	2.564	2.557	2.589	2.620	2.617
4051	40.50	2.555	2.423	2.230	2.009	1.815	1.717	1.775	2.016	2.416	2.898
4061	40.60	3.350	3.667	3.783	3.700	3.485	3.241	3.067	3.016	3.080	3.203
4071	40.70	3.310	3.367	3.304	3.217	3.141	3.116	3.151	3.204	3.220	3.156
4081	40.80	3.010	2.825	2.673	2.615	2.668	2.783	2.867	2.818	2.570	2.126
4091	40.90	1.558	0.982	0.506	0.192	0.035	-0.034	-0.102	-0.243	-0.484	-0.798
4101	41.00	-1.128	-1.415	-1.629	-1.775	-1.886	-1.994	-2.109	-2.209	-2.247	-2.175
4111	41.10	-1.977	-1.677	-1.336	-1.035	-0.839	-0.775	-0.825	-0.937	-1.049	-1.116
4121	41.20	-1.125	-1.092	-1.049	-1.026	-1.032	-1.058	-1.081	-1.082	-1.057	-1.020
4131	41.30	-0.992	-0.993	-1.021	-1.058	-1.076	-1.053	-0.992	-0.922	-0.892	-0.947
4141	41.40	-1.107	-1.351	-1.619	-1.836	-1.939	-1.906	-1.768	-1.595	-1.467	-1.436
4151	41.50	-1.500	-1.604	-1.456	-1.577	-1.332	-0.960	-0.561	-0.263	-0.172	-0.328
4161	41.60	-0.690	-1.154	-1.593	-1.907	-2.063	-2.097	-2.088	-2.117	-2.225	-2.391
4171	41.70	-2.547	-2.612	-2.533	-2.316	-2.022	-1.738	-1.537	-1.445	-1.428	-1.418
4181	41.80	-1.368	-1.193	-0.977	-0.769	-0.636	-0.607	-0.647	-0.671	-0.575	-0.290
4191	41.90	0.181	0.760	1.319	1.735	1.930	1.900	1.704	1.428	1.149	0.901
4201	42.00	0.684	0.480	0.265	0.124	0.042	0.080	0.244	0.489	0.733	0.895
4211	42.10	0.932	0.861	0.757	0.709	0.776	0.950	1.159	1.300	1.288	1.105
4221	42.20	0.805	0.495	0.277	0.206	0.266	0.367	0.489	0.522	0.493	0.451
4231	42.30	0.451	0.515	0.612	0.680	0.663	0.555	0.416	0.339	0.402	0.608
4241	42.40	0.863	1.009	0.892	0.441	-0.282	-1.097	-1.776	-2.141	-2.144	-1.881
4251	42.50	-1.547	-1.340	-1.370	-1.616	-1.948	-2.209	-2.302	-2.243	-2.155	-2.195
4261	42.60	-2.466	-2.956	-3.527	-3.978	-4.139	-3.945	-3.467	-2.872	-2.342	-1.995
4271	42.70	-1.836	-1.777	-1.692	-1.497	-1.184	-0.826	-0.523	-0.344	-0.282	-0.258
4281	42.80	-0.165	0.070	0.446	0.881	1.251	1.456	1.463	1.324	1.148	1.043
4291	42.90	1.068	1.211	1.404	1.569	1.664	1.706	1.754	1.874	2.092	2.369
4301	43.00	2.614	2.726	2.640	2.362	1.969	1.574	1.277	1.119	1.075	1.069
4311	43.10	1.017	0.873	0.642	0.362	0.163	0.029	-0.026	-0.055	-0.138	-0.332
4321	43.20	-0.647	-1.033	-1.397	-1.642	-1.703	-1.574	-1.301	-0.969	-0.659	-0.425
4331	43.30	-0.277	-0.188	-0.118	-0.030	0.089	0.229	0.372	0.502	0.622	0.753
4341	43.40	0.925	1.161	1.466	1.817	2.173	2.482	2.699	2.801	2.785	2.673
4351	43.50	2.500	2.309	2.142	2.028	1.983	2.003	2.066	2.138	2.187	2.191
4361	43.60	2.151	2.088	2.041	2.042	2.102	2.199	2.281	2.284	2.160	1.899
4371	43.70	1.545	1.175	0.882	0.733	0.749	0.895	1.097	1.272	1.359	1.342
4381	43.80	1.252	1.142	1.069	1.063	1.123	1.217	1.297	1.325	1.278	1.156
4391	43.90	0.974	0.751	0.505	0.248	-0.010	-0.260	-0.488	-0.685	-0.840	-0.953
4401	44.00	-1.030	-1.084	-1.124	-1.159	-1.194	-1.237	-1.298	-1.394	-1.541	-1.750
4411	44.10	-2.013	-2.302	-2.573	-2.780	-2.887	-2.886	-2.798	-2.667	-2.549	-2.484
4421	44.20	-2.489	-2.546	-2.615	-2.642	-2.584	-2.421	-2.158	-1.828	-1.472	-1.135
4431	44.30	-0.848	-0.629	-0.482	-0.404	-0.386	-0.419	-0.488	-0.575	-0.656	-0.712
4441	44.40	-0.730	-0.716	-0.694	-0.700	-0.767	-0.911	-1.124	-1.368	-1.589	-1.735
4451	44.50	-1.774	-1.701	-1.540	-1.326	-1.093	-0.865	-0.647	-0.441	-0.247	-0.071
4461	44.60	0.074	0.184	0.267	0.350	0.469	0.651	0.894	1.166	1.402	1.532
4471	44.70	1.504	1.308	0.975	0.572	0.168	-0.184	-0.464	-0.684	-0.872	-1.053
4481	44.80	-1.244	-1.446	-1.654	-1.864	-2.074	-2.281	-2.470	-2.611	-2.661	-2.585
4491	44.90	-2.368	-2.030	-1.622	-1.210	-0.849	-0.560	-0.332	-0.127	0.087	0.324

Table 7-41-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.563	0.765	0.892	0.928	0.893	0.834	0.802	0.830	0.919	1.040
4511	45.10	1.154	1.232	1.271	1.292	1.327	1.403	1.525	1.680	1.848	2.018
4521	45.20	2.194	2.392	2.623	2.877	3.113	3.260	3.248	3.028	2.602	2.029
4531	45.30	1.409	0.861	0.486	0.334	0.396	0.604	0.853	1.034	1.063	0.907
4541	45.40	0.590	0.183	-0.219	-0.529	-0.701	-0.743	-0.710	-0.677	-0.708	-0.823
4551	45.50	-0.988	-1.133	-1.179	-1.079	-0.846	-0.545	-0.272	-0.111	-0.104	-0.232
4561	45.60	-0.434	-0.635	-0.783	-0.865	-0.904	-0.936	-0.982	-1.026	-1.025	-0.927
4571	45.70	-0.704	-0.368	0.024	0.396	0.685	0.865	0.963	1.040	1.165	1.384
4581	45.80	1.698	2.067	2.426	2.708	2.870	2.900	2.820	2.674	2.511	2.379
4591	45.90	2.311	2.321	2.400	2.516	2.615	2.632	2.508	2.208	1.735	1.140
4601	46.00	0.507	-0.065	-0.488	-0.714	-0.742	-0.620	-0.424	-0.237	-0.122	-0.105
4611	46.10	-0.176	-0.295	-0.413	-0.488	-0.502	-0.468	-0.418	-0.393	-0.419	-0.501
4621	46.20	-0.614	-0.715	-0.765	-0.744	-0.666	-0.577	-0.541	-0.615	-0.831	-1.177
4631	46.30	-1.602	-2.030	-2.385	-2.612	-2.694	-2.650	-2.533	-2.407	-2.331	-2.342
4641	46.40	-2.443	-2.609	-2.790	-2.933	-3.001	-2.986	-2.920	-2.861	-2.876	-3.007
4651	46.50	-3.252	-3.557	-3.833	-3.982	-3.941	-3.701	-3.313	-2.868	-2.456	-2.132
4661	46.60	-1.898	-1.708	-1.493	-1.197	-0.807	-0.353	0.107	0.511	0.827	1.059
4671	46.70	1.249	1.445	1.687	1.980	2.297	2.585	2.784	2.847	2.756	2.528
4681	46.80	2.212	1.880	1.611	1.468	1.476	1.607	1.782	1.891	1.829	1.539
4691	46.90	1.040	0.426	-0.158	-0.572	-0.727	-0.618	-0.318	0.058	0.411	0.691
4701	47.00	0.915	1.139	1.419	1.763	2.124	2.411	2.539	2.471	2.243	1.953
4711	47.10	1.714	1.610	1.657	1.805	1.962	2.048	2.029	1.926	1.801	1.721
4721	47.20	1.717	1.781	1.867	1.924	1.926	1.877	1.810	1.760	1.743	1.745
4731	47.30	1.731	1.668	1.539	1.352	1.128	0.883	0.612	0.291	-0.108	-0.592
4741	47.40	-1.131	-1.654	-2.081	-2.349	-2.446	-2.421	-2.360	-2.354	-2.459	-2.669
4751	47.50	-2.928	-3.149	-3.263	-3.246	-3.127	-2.975	-2.866	-2.848	-2.922	-3.042
4761	47.60	-3.131	-3.118	-2.959	-2.651	-2.236	-1.785	-1.379	-1.088	-0.954	-0.978
4771	47.70	-1.122	-1.311	-1.457	-1.477	-1.322	-0.993	-0.545	-0.070	0.331	0.582
4781	47.80	0.655	0.579	0.427	0.286	0.225	0.277	0.431	0.645	0.868	1.057
4791	47.90	1.191	1.269	1.302	1.304	1.286	1.259	1.234	1.223	1.237	1.278
4801	48.00	1.335	1.387	1.411	1.397	1.359	1.330	1.347	1.431	1.564	1.686
4811	48.10	1.718	1.589	1.273	0.814	0.311	-0.114	-0.359	-0.389	-0.246	-0.028
4821	48.20	0.152	0.213	0.139	-0.024	-0.197	-0.306	-0.324	-0.272	-0.209	-0.186
4831	48.30	-0.227	-0.305	-0.367	-0.359	-0.269	-0.130	-0.018	-0.009	-0.144	-0.406
4841	48.40	-0.722	-0.991	-1.136	-1.126	-0.994	-0.814	-0.667	-0.604	-0.628	-0.700
4851	48.50	-0.767	-0.785	-0.748	-0.678	-0.617	-0.598	-0.625	-0.678	-0.720	-0.714
4861	48.60	-0.646	-0.523	-0.370	-0.213	-0.068	0.059	0.176	0.289	0.402	0.510
4871	48.70	0.608	0.698	0.786	0.885	1.004	1.142	1.285	1.412	1.505	1.559
4881	48.80	1.586	1.604	1.629	1.669	1.712	1.744	1.754	1.748	1.751	1.800
4891	48.90	1.923	2.121	2.362	2.582	2.708	2.676	2.458	2.067	1.555	0.993
4901	49.00	0.455	-0.001	-0.341	-0.556	-0.659	-0.678	-0.638	-0.576	-0.519	-0.484
4911	49.10	-0.480	-0.507	-0.558	-0.622	-0.692	-0.756	-0.804	-0.818	-0.777	-0.664
4921	49.20	-0.475	-0.234	0.008	0.184	0.229	0.112	-0.146	-0.470	-0.751	-0.887
4931	49.30	-0.823	-0.573	-0.223	0.099	0.273	0.230	-0.023	-0.408	-0.805	-1.099
4941	49.40	-1.217	-1.149	-0.938	-0.655	-0.372	-0.132	0.050	0.187	0.301	0.409
4951	49.50	0.523	0.645	0.777	0.922	1.084	1.258	1.424	1.553	1.609	1.567
4961	49.60	1.423	1.202	0.951	0.722	0.555	0.460	0.421	0.400	0.357	0.267
4971	49.70	0.130	-0.032	-0.185	-0.302	-0.372	-0.413	-0.455	-0.533	-0.665	-0.842
4981	49.80	-1.025	-1.161	-1.199	-1.109	-0.903	-0.627	-0.353	-0.155	-0.079	-0.138
4991	49.90	-0.299	-0.505	-0.692	-0.816	-0.867	-0.866	-0.858	-0.888	-0.989	-1.167

Table 7-41-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.411	-1.692	-1.983	-2.257	-2.494	-2.677	-2.790	-2.822	-2.774	-2.665
5011	50.10	-2.531	-2.417	-2.361	-2.379	-2.455	-2.548	-2.606	-2.591	-2.494	-2.336
5021	50.20	-2.156	-1.988	-1.845	-1.714	-1.570	-1.397	-1.208	-1.050	-0.987	-1.066
5031	50.30	-1.294	-1.618	-1.945	-2.173	-2.239	-2.142	-1.949	-1.763	-1.676	-1.726
5041	50.40	-1.879	-2.040	-2.095	-1.956	-1.597	-1.056	-0.418	0.222	0.792	1.253
5051	50.50	1.604	1.854	2.015	2.094	2.106	2.080	2.068	2.130	2.305	2.585
5061	50.60	2.900	3.133	3.163	2.917	2.404	1.727	1.043	0.508	0.219	0.174
5071	50.70	0.288	0.427	0.476	0.382	0.174	-0.060	-0.219	-0.234	-0.098	0.143
5081	50.80	0.417	0.663	0.860	1.022	1.184	1.369	1.572	1.758	1.884	1.919
5091	50.90	1.869	1.772	1.683	1.647	1.679	1.761	1.853	1.919	1.943	1.934
5101	51.00	1.921	1.929	1.968	2.027	2.085	2.120	2.131	2.131	2.140	2.174
5111	51.10	2.229	2.287	2.326	2.335	2.325	2.323	2.355	2.429	2.523	2.591
5121	51.20	2.579	2.458	2.235	1.955	1.683	1.473	1.345	1.276	1.216	1.109
5131	51.30	0.924	0.666	0.369	0.074	-0.188	-0.409	-0.601	-0.779	-0.946	-1.085
5141	51.40	-1.170	-1.180	-1.123	-1.031	-0.950	-0.915	-0.929	-0.953	-0.924	-0.789
5151	51.50	-0.532	-0.192	0.148	0.395	0.485	0.413	0.237	0.048	-0.072	-0.081
5161	51.60	0.000	0.106	0.158	0.103	-0.063	-0.297	-0.530	-0.704	-0.795	-0.822
5171	51.70	-0.835	-0.884	-0.998	-1.169	-1.361	-1.522	-1.608	-1.598	-1.496	-1.328
5181	51.80	-1.125	-0.917	-0.726	-0.567	-0.443	-0.355	-0.291	-0.235	-0.165	-0.061
5191	51.90	0.084	0.260	0.439	0.584	0.657	0.635	0.514	0.305	0.034	-0.272
5201	52.00	-0.587	-0.881	-1.123	-1.277	-1.311	-1.209	-0.985	-0.685	-0.385	-0.166
5211	52.10	-0.090	-0.176	-0.396	-0.685	-0.966	-1.182	-1.312	-1.375	-1.415	-1.474
5221	52.20	-1.576	-1.718	-1.877	-2.023	-2.139	-2.227	-2.299	-2.370	-2.446	-2.521
5231	52.30	-2.586	-2.634	-2.674	-2.724	-2.804	-2.917	-3.044	-3.148	-3.185	-3.132
5241	52.40	-2.992	-2.806	-2.625	-2.496	-2.431	-2.413	-2.398	-2.345	-2.241	-2.106
5251	52.50	-1.983	-1.919	-1.929	-1.989	-2.038	-2.008	-1.852	-1.567	-1.198	-0.813
5261	52.60	-0.476	-0.218	-0.027	0.135	0.315	0.537	0.795	1.062	1.306	1.514
5271	52.70	1.701	1.899	2.137	2.417	2.709	2.959	3.113	3.147	3.076	2.948
5281	52.80	2.822	2.735	2.687	2.639	2.543	2.364	2.113	1.843	1.632	1.548
5291	52.90	1.616	1.811	2.062	2.290	2.439	2.498	2.503	2.508	2.559	2.671
5301	53.00	2.814	2.935	2.982	2.926	2.779	2.585	2.395	2.253	2.170	2.131
5311	53.10	2.104	2.058	1.982	1.880	1.771	1.677	1.604	1.548	1.493	1.424
5321	53.20	1.338	1.242	1.150	1.075	1.017	0.960	0.878	0.745	0.544	0.284
5331	53.30	-0.006	-0.279	-0.490	-0.602	-0.609	-0.527	-0.399	-0.274	-0.196	-0.185
5341	53.40	-0.236	-0.309	-0.363	-0.352	-0.255	-0.079	0.140	0.350	0.499	0.557
5351	53.50	0.520	0.415	0.284	0.167	0.090	0.058	0.055	0.057	0.040	-0.005
5361	53.60	-0.076	-0.163	-0.254	-0.339	-0.418	-0.493	-0.565	-0.633	-0.697	-0.753
5371	53.70	-0.806	-0.862	-0.932	-1.024	-1.137	-1.266	-1.398	-1.524	-1.639	-1.747
5381	53.80	-1.855	-1.972	-2.095	-2.217	-2.327	-2.420	-2.501	-2.586	-2.696	-2.841
5391	53.90	-3.014	-3.181	-3.297	-3.313	-3.205	-2.978	-2.673	-2.348	-2.063	-1.852
5401	54.00	-1.717	-1.628	-1.545	-1.429	-1.267	-1.070	-0.864	-0.679	-0.529	-0.407
5411	54.10	-0.293	-0.160	0.002	0.190	0.382	0.556	0.699	0.820	0.941	1.087
5421	54.20	1.271	1.478	1.672	1.806	1.847	1.789	1.663	1.525	1.430	1.411
5431	54.30	1.464	1.551	1.621	1.632	1.579	1.491	1.420	1.412	1.481	1.598
5441	54.40	1.701	1.722	1.618	1.394	1.108	0.839	0.662	0.610	0.659	0.743
5451	54.50	0.777	0.701	0.500	0.210	-0.099	-0.361	-0.537	-0.639	-0.715	-0.827
5461	54.60	-1.019	-1.295	-1.616	-1.915	-2.128	-2.218	-2.189	-2.080	-1.951	-1.854
5471	54.70	-1.813	-1.823	-1.850	-1.855	-1.808	-1.703	-1.555	-1.397	-1.258	-1.157
5481	54.80	-1.093	-1.048	-0.999	-0.927	-0.827	-0.707	-0.589	-0.492	-0.423	-0.377
5491	54.90	-0.331	-0.261	-0.152	-0.009	0.139	0.249	0.277	0.198	0.019	-0.221

Table 7-41-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.462	-0.644	-0.727	-0.704	-0.602	-0.468	-0.350	-0.277	-0.255	-0.266
5511	55.10	-0.281	-0.278	-0.248	-0.202	-0.156	-0.125	-0.112	-0.106	-0.090	-0.049
5521	55.20	0.019	0.106	0.192	0.262	0.309	0.341	0.375	0.425	0.496	0.577
5531	55.30	0.667	0.684	0.677	0.660	0.602	0.607	0.691	0.871	1.136	1.447
5541	55.40	1.750	1.993	2.135	2.164	2.091	1.947	1.771	1.599	1.458	1.356
5551	55.50	1.292	1.253	1.226	1.196	1.147	1.080	0.994	0.894	0.794	0.711
5561	55.60	0.662	0.665	0.730	0.853	1.023	1.215	1.399	1.552	1.658	1.722
5571	55.70	1.759	1.800	1.870	1.985	2.142	2.318	2.471	2.558	2.542	2.403
5581	55.80	2.149	1.811	1.435	1.078	0.788	0.599	0.525	0.553	0.652	0.780
5591	55.90	0.892	0.956	0.960	0.920	0.872	0.865	0.940	1.117	1.382	1.685
5601	56.00	1.956	2.126	2.146	2.006	1.740	1.410	1.087	0.824	0.644	0.534
5611	56.10	0.455	0.365	0.237	0.066	-0.128	-0.317	-0.479	-0.608	-0.719	-0.834
5621	56.20	-0.974	-1.144	-1.332	-1.515	-1.672	-1.797	-1.903	-2.015	-2.159	-2.342
5631	56.30	-2.553	-2.758	-2.918	-3.001	-3.001	-2.936	-2.843	-2.761	-2.716	-2.713
5641	56.40	-2.736	-2.759	-2.758	-2.721	-2.651	-2.564	-2.477	-2.402	-2.343	-2.293
5651	56.50	-2.244	-2.191	-2.135	-2.089	-2.070	-2.095	-2.176	-2.313	-2.494	-2.688
5661	56.60	-2.856	-2.954	-2.947	-2.819	-2.584	-2.284	-1.982	-1.737	-1.586	-1.526
5671	56.70	-1.511	-1.466	-1.316	-1.018	-0.582	-0.070	0.419	0.788	0.978	0.993
5681	56.80	0.895	0.783	0.755	0.861	1.099	1.403	1.679	1.842	1.842	1.687
5691	56.90	1.629	1.167	0.909	0.759	0.701	0.713	0.758	0.808	0.847	0.872
5701	57.00	0.890	0.903	0.907	0.896	0.868	0.828	0.792	0.779	0.800	0.850
5711	57.10	0.908	0.941	0.918	0.822	0.657	0.449	0.229	0.028	-0.140	-0.272
5721	57.20	-0.376	-0.460	-0.519	-0.539	-0.499	-0.383	-0.192	0.054	0.320	0.570
5731	57.30	0.778	0.943	1.085	1.239	1.441	1.704	2.017	2.343	2.629	2.828
5741	57.40	2.913	2.889	2.789	2.662	2.558	2.505	2.506	2.536	2.555	2.529
5751	57.50	2.436	2.280	2.086	1.886	1.708	1.566	1.455	1.359	1.261	1.151
5761	57.60	1.026	0.894	0.765	0.642	0.524	0.403	0.275	0.144	0.019	-0.090
5771	57.70	-0.180	-0.266	-0.378	-0.557	-0.836	-1.231	-1.723	-2.267	-2.801	-3.260
5781	57.80	-3.596	-3.788	-3.845	-3.801	-3.701	-3.596	-3.526	-3.518	-3.578	-3.695
5791	57.90	-3.836	-3.961	-4.030	-4.018	-3.922	-3.762	-3.576	-3.401	-3.266	-3.182
5801	58.00	-3.143	-3.136	-3.152	-3.188	-3.246	-3.321	-3.391	-3.415	-3.345	-3.144
5811	58.10	-2.806	-2.368	-1.901	-1.483	-1.170	-0.970	-0.842	-0.714	-0.514	-0.200
5821	58.20	0.224	0.716	1.221	1.696	2.123	2.510	2.870	3.199	3.469	3.638
5831	58.30	3.672	3.573	3.383	3.178	3.032	2.980	3.000	3.016	2.934	2.687
5841	58.40	2.270	1.749	1.238	0.853	0.667	0.677	0.817	0.983	1.082	1.065
5851	58.50	0.940	0.760	0.587	0.469	0.419	0.418	0.434	0.437	0.418	0.386
5861	58.60	0.357	0.344	0.350	0.366	0.384	0.401	0.424	0.467	0.541	0.645
5871	58.70	0.768	0.893	1.006	1.103	1.189	1.277	1.374	1.475	1.563	1.619
5881	58.80	1.631	1.606	1.568	1.555	1.599	1.719	1.907	2.137	2.371	2.576
5891	58.90	2.731	2.835	2.895	2.926	2.934	2.921	2.882	2.818	2.736	2.653
5901	59.00	2.589	2.561	2.573	2.613	2.659	2.684	2.667	2.601	2.491	2.350
5911	59.10	2.189	2.016	1.829	1.629	1.419	1.213	1.033	0.897	0.808	0.745
5921	59.20	0.665	0.517	0.264	-0.097	-0.524	-0.935	-1.240	-1.369	-1.302	-1.085
5931	59.30	-0.809	-0.585	-0.498	-0.583	-0.811	-1.113	-1.408	-1.637	-1.787	-1.888
5941	59.40	-1.987	-2.126	-2.313	-2.524	-2.712	-2.839	-2.893	-2.896	-2.895	-2.933
5951	59.50	-3.028	-3.156	-3.266	-3.298	-3.215	-3.020	-2.755	-2.485	-2.265	-2.123
5961	59.60	-2.043	-1.985	-1.902	-1.769	-1.596	-1.424	-1.306	-1.278	-1.347	-1.480
5971	59.70	-1.624	-1.728	-1.764	-1.737	-1.681	-1.640	-1.643	-1.697	-1.778	-1.849
5981	59.80	-1.877	-1.853	-1.791	-1.728	-1.700	-1.727	-1.796	-1.867	-1.886	-1.807
5991	59.90	-1.612	-1.322	-0.992	-0.691	-0.476	-0.378	-0.388	-0.464	-0.551	-0.599

Table 7-41-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.584	-0.509	-0.405	-0.307	-0.241	-0.215	-0.214	-0.213	-0.189	-0.132
6011	60.10	-0.052	0.031	0.092	0.121	0.121	0.117	0.138	0.210	0.342	0.528
6021	60.20	0.743	0.957	1.140	1.273	1.347	1.363	1.333	1.271	1.196	1.128
6031	60.30	1.086	1.078	1.106	1.155	1.202	1.226	1.213	1.169	1.115	1.081
6041	60.40	1.091	1.148	1.229	1.292	1.289	1.192	1.002	0.756	0.515	0.338
6051	60.50	0.263	0.291	0.387	0.498	0.572	0.577	0.517	0.418	0.319	0.249
6061	60.60	0.220	0.221	0.231	0.226	0.195	0.142	0.081	0.050	-0.004	-0.021
6071	60.70	-0.032	-0.048	-0.078	-0.120	-0.169	-0.213	-0.247	-0.271	-0.290	-0.312
6081	60.80	-0.341	-0.379	-0.420	-0.461	-0.495	-0.523	-0.547	-0.571	-0.600	-0.635
6091	60.90	-0.673	-0.710	-0.745	-0.774	-0.801	-0.827	-0.856	-0.889	-0.927	-0.965
6101	61.00	-1.000	-1.025	-1.035	-1.027	-1.005	-0.974	-0.946	-0.931	-0.935	-0.957
6111	61.10	-0.987	-1.010	-1.005	-0.961	-0.869	-0.737	-0.578	-0.411	-0.255	-0.119
6121	61.20	-0.010	0.076	0.143	0.198	0.246	0.291	0.334	0.378	0.425	0.477
6131	61.30	0.535	0.598	0.667	0.741	0.823	0.915	1.020	1.135	1.255	1.372
6141	61.40	1.476	1.563	1.636	1.705	1.784	1.883	2.006	2.141	2.267	2.361
6151	61.50	2.401	2.380	2.306	2.201	2.090	1.998	1.938	1.908	1.898	1.891
6161	61.60	1.873	1.837	1.787	1.733	1.688	1.660	1.650	1.648	1.633	1.580
6171	61.70	1.465	1.272	1.000	0.667	0.308	-0.032	-0.307	-0.486	-0.561	-0.552
6181	61.80	-0.502	-0.462	-0.476	-0.566	-0.721	-0.906	-1.072	-1.179	-1.208	-1.169
6191	61.90	-1.091	-1.013	-0.964	-0.953	-0.970	-0.993	-0.999	-0.981	-0.946	-0.912
6201	62.00	-0.897	-0.910	-0.942	-0.974	-0.984	-0.957	-0.890	-0.790	-0.671	-0.546
6211	62.10	-0.421	-0.295	-0.169	-0.046	0.066	0.161	0.237	0.303	0.374	0.466
6221	62.20	0.587	0.728	0.867	0.983	1.061	1.108	1.150	1.221	1.343	1.513
6231	62.30	1.701	1.856	1.934	1.911	1.799	1.637	1.473	1.341	1.247	1.168
6241	62.40	1.069	0.924	0.734	0.528	0.352	0.249	0.231	0.282	0.356	0.403
6251	62.50	0.387	0.302	0.166	0.012	-0.129	-0.239	-0.313	-0.349	-0.343	-0.284
6261	62.60	-0.157	0.036	0.269	0.489	0.627	0.623	0.448	0.115	-0.317	-0.773
6271	62.70	-1.180	-1.499	-1.724	-1.883	-2.010	-2.131	-2.249	-2.347	-2.405	-2.410
6281	62.80	-2.370	-2.311	-2.264	-2.249	-2.267	-2.299	-2.318	-2.303	-2.254	-2.189
6291	62.90	-2.138	-2.126	-2.161	-2.226	-2.287	-2.307	-2.262	-2.148	-1.981	-1.787
6301	63.00	-1.587	-1.388	-1.186	-0.973	-0.750	-0.539	-0.373	-0.289	-0.304	-0.398
6311	63.10	-0.519	-0.592	-0.552	-0.374	-0.093	0.206	0.412	0.436	0.246	-0.108
6321	63.20	-0.511	-0.818	-0.911	-0.743	-0.356	0.133	0.576	0.850	0.895	0.735
6331	63.30	0.459	0.180	-0.009	-0.066	-0.006	0.115	0.229	0.291	0.289	0.244
6341	63.40	0.192	0.164	0.171	0.205	0.243	0.267	0.266	0.248	0.227	0.216
6351	63.50	0.222	0.241	0.262	0.276	0.276	0.267	0.255	0.249	0.253	0.266
6361	63.60	0.285	0.300	0.304	0.286	0.238	0.154	0.033	-0.113	-0.263	-0.387
6371	63.70	-0.457	-0.451	-0.366	-0.221	-0.046	0.126	0.274	0.395	0.504	0.626
6381	63.80	0.782	0.981	1.212	1.453	1.677	1.868	2.024	2.158	2.291	2.442
6391	63.90	2.622	2.828	3.049	3.267	3.462	3.613	3.702	3.708	3.619	3.430
6401	64.00	3.150	2.806	2.436	2.078	1.761	1.493	1.263	1.046	0.816	0.560
6411	64.10	0.282	-0.001	-0.268	-0.506	-0.722	-0.936	-1.174	-1.450	-1.758	-2.067
6421	64.20	-2.337	-2.530	-2.632	-2.656	-2.640	-2.630	-2.664	-2.755	-2.888	-3.030
6431	64.30	-3.145	-3.207	-3.212	-3.176	-3.120	-3.066	-3.028	-3.006	-2.999	-3.003
6441	64.40	-3.018	-3.046	-3.083	-3.111	-3.104	-3.033	-2.875	-2.630	-2.323	-1.995
6451	64.50	-1.691	-1.443	-1.256	-1.111	-0.970	-0.803	-0.595	-0.356	-0.112	0.108
6461	64.60	0.294	0.455	0.619	0.813	1.068	1.307	1.544	1.706	1.758	1.694
6471	64.70	1.551	1.390	1.276	1.246	1.298	1.393	1.472	1.489	1.425	1.302
6481	64.80	1.166	1.066	1.029	1.046	1.081	1.085	1.028	0.909	0.765	0.653
6491	64.90	0.629	0.721	0.925	1.204	1.512	1.809	2.078	2.321	2.550	2.774

Table 7-41-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	2.983	3.156	3.267	3.300	3.264	3.185	3.099	3.033	2.991	2.951
6511	65.10	2.880	2.751	2.556	2.317	2.072	1.864	1.714	1.616	1.539	1.445
6521	65.20	1.306	1.123	0.921	0.739	0.611	0.546	0.527	0.522	0.496	0.431
6531	65.30	0.333	0.225	0.132	0.067	0.022	-0.025	-0.098	-0.202	-0.324	-0.427
6541	65.40	-0.474	-0.441	-0.335	-0.186	-0.039	0.069	0.123	0.137	0.143	0.171
6551	65.50	0.237	0.328	0.415	0.461	0.446	0.372	0.265	0.162	0.090	0.061
6561	65.60	0.063	0.071	0.061	0.022	-0.038	-0.100	-0.165	-0.165	-0.167	-0.168
6571	65.70	-0.188	-0.233	-0.297	-0.362	-0.406	-0.420	-0.409	-0.395	-0.403	-0.455
6581	65.80	-0.557	-0.705	-0.882	-1.073	-1.267	-1.464	-1.661	-1.855	-2.032	-2.170
6591	65.90	-2.251	-2.264	-2.216	-2.132	-2.043	-1.977	-1.950	-1.957	-1.982	-2.004
6601	66.00	-2.010	-2.000	-1.984	-1.974	-1.977	-1.988	-1.994	-1.977	-1.929	-1.851
6611	66.10	-1.756	-1.662	-1.580	-1.513	-1.454	-1.394	-1.330	-1.272	-1.236	-1.243
6621	66.20	-1.299	-1.397	-1.512	-1.615	-1.682	-1.710	-1.712	-1.713	-1.736	-1.790
6631	66.30	-1.863	-1.934	-1.982	-2.002	-2.005	-2.019	-2.066	-2.150	-2.248	-2.317
6641	66.40	-2.310	-2.196	-1.978	-1.695	-1.403	-1.153	-0.975	-0.862	-0.781	-0.689
6651	66.50	-0.555	-0.375	-0.170	0.026	0.186	0.306	0.402	0.507	0.650	0.839
6661	66.60	1.057	1.266	1.425	1.505	1.501	1.434	1.343	1.258	1.214	1.219
6671	66.70	1.267	1.347	1.443	1.542	1.633	1.711	1.769	1.806	1.828	1.849
6681	66.80	1.885	1.950	2.046	2.160	2.259	2.310	2.281	2.165	1.976	1.747
6691	66.90	1.519	1.322	1.166	1.042	0.929	0.809	0.677	0.547	0.444	0.394
6701	67.00	0.407	0.474	0.566	0.648	0.693	0.692	0.654	0.602	0.561	0.547
6711	67.10	0.562	0.597	0.643	0.696	0.761	0.850	0.968	1.108	1.247	1.349
6721	67.20	1.379	1.321	1.179	0.987	0.789	0.628	0.527	0.483	0.468	0.446
6731	67.30	0.387	0.280	0.139	-0.005	-0.118	-0.174	-0.164	-0.097	0.008	0.130
6741	67.40	0.254	0.371	0.476	0.566	0.637	0.687	0.721	0.750	0.793	0.864
6751	67.50	0.971	1.099	1.219	1.292	1.285	1.187	1.015	0.805	0.600	0.435
6761	67.60	0.318	0.235	0.157	0.060	-0.060	-0.185	-0.283	-0.324	-0.297	-0.219
6771	67.70	-0.127	-0.063	-0.051	-0.089	-0.148	-0.190	-0.188	-0.141	-0.080	-0.049
6781	67.80	-0.090	-0.219	-0.420	-0.651	-0.865	-1.031	-1.151	-1.249	-1.360	-1.505
6791	67.90	-1.676	-1.837	-1.936	-1.935	-1.826	-1.639	-1.432	-1.265	-1.175	-1.163
6801	68.00	-1.192	-1.211	-1.177	-1.071	-0.909	-0.725	-0.555	-0.416	-0.302	-0.191
6811	68.10	-0.063	0.086	0.235	0.348	0.391	0.354	0.255	0.139	0.055	0.034
6821	68.20	0.075	0.146	0.206	0.218	0.179	0.112	0.059	0.051	0.096	0.170
6831	68.30	0.228	0.233	0.176	0.087	0.016	0.013	0.093	0.223	0.333	0.341
6841	68.40	0.192	-0.108	-0.496	-0.868	-1.120	-1.189	-1.074	-0.835	-0.560	-0.334
6851	68.50	-0.204	-0.167	-0.186	-0.209	-0.195	-0.133	-0.036	0.069	0.158	0.220
6861	68.60	0.262	0.296	0.337	0.388	0.449	0.517	0.588	0.665	0.745	0.821
6871	68.70	0.877	0.892	0.849	0.747	0.604	0.451	0.319	0.228	0.175	0.139
6881	68.80	0.093	0.020	-0.076	-0.169	-0.224	-0.214	-0.133	-0.002	0.141	0.257
6891	68.90	0.324	0.345	0.345	0.354	0.394	0.468	0.556	0.630	0.664	0.650
6901	69.00	0.596	0.525	0.461	0.419	0.400	0.397	0.395	0.386	0.370	0.351
6911	69.10	0.335	0.323	0.304	0.265	0.191	0.076	-0.075	-0.246	-0.413	-0.556
6921	69.20	-0.667	-0.747	-0.811	-0.879	-0.969	-1.090	-1.237	-1.393	-1.532	-1.632
6931	69.30	-1.677	-1.669	-1.620	-1.557	-1.502	-1.472	-1.470	-1.483	-1.490	-1.468
6941	69.40	-1.406	-1.303	-1.171	-1.031	-0.901	-0.792	-0.705	-0.634	-0.568	-0.499
6951	69.50	-0.421	-0.334	-0.240	-0.140	-0.037	0.065	0.161	0.238	0.285	0.292
6961	69.60	0.257	0.190	0.108	0.034	-0.016	-0.034	-0.027	-0.011	-0.005	-0.020
6971	69.70	-0.056	-0.100	-0.134	-0.141	-0.119	-0.077	-0.036	-0.016	-0.027	-0.058
6981	69.80	-0.085	-0.072	0.008	0.165	0.383	0.624	0.841	0.995	1.069	1.077
6991	69.90	1.054	1.046	1.087	1.192	1.349	1.523	1.676	1.775	1.809	1.784

Table 7-41-15

TABLE OF CORRECTED ACCCLERATION RECORD NO.15

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	79.00	1.722	1.648	1.579	1.522	1.474	1.425	1.370	1.306	1.239	1.180
7011	70.10	1.139	1.128	1.155	1.226	1.338	1.484	1.643	1.785	1.871	1.870
7021	70.20	1.768	1.576	1.334	1.097	0.922	0.862	0.856	0.925	0.990	0.988
7031	70.30	0.886	0.688	0.437	0.199	0.032	-0.034	-0.014	0.047	0.084	0.052
7041	70.40	-0.065	-0.241	-0.425	-0.566	-0.640	-0.666	-0.696	-0.798	-1.019	-1.362
7051	70.50	-1.777	-2.176	-2.466	-2.587	-2.532	-2.353	-2.140	-1.985	-1.949	-2.041
7061	70.60	-2.218	-2.411	-2.553	-2.604	-2.566	-2.474	-2.376	-2.310	-2.292	-2.308
7071	70.70	-2.332	-2.334	-2.297	-2.225	-2.134	-2.050	-1.993	-1.975	-1.995	-2.041
7081	70.80	-2.093	-2.129	-2.125	-2.067	-1.948	-1.777	-1.579	-1.384	-1.223	-1.111
7091	70.90	-1.043	-0.993	-0.929	-0.824	-0.673	-0.495	-0.327	-0.207	-0.159	-0.179
7101	71.00	-0.238	-0.294	-0.309	-0.265	-0.170	-0.048	0.067	0.150	0.192	0.203
7111	71.10	0.200	0.207	0.240	0.312	0.426	0.582	0.772	0.984	1.199	1.397
7121	71.20	1.561	1.682	1.761	1.811	1.846	1.875	1.902	1.921	1.930	1.930
7131	71.30	1.933	1.955	2.002	2.077	2.159	2.223	2.248	2.231	2.191	2.158
7141	71.40	2.156	2.186	2.224	2.227	2.158	2.009	1.812	1.631	1.530	1.551
7151	71.50	1.686	1.884	2.074	2.202	2.258	2.278	2.325	2.449	2.658	2.900
7161	71.60	3.091	3.142	3.012	2.722	2.356	2.020	1.804	1.740	1.799	1.907
7171	71.70	1.985	1.980	1.887	1.744	1.600	1.498	1.450	1.439	1.433	1.406
7181	71.80	1.349	1.268	1.181	1.099	1.021	0.936	0.830	0.699	0.548	0.393
7191	71.90	0.249	0.124	0.014	-0.089	-0.194	-0.304	-0.416	-0.526	-0.635	-0.754
7201	72.00	-0.895	-1.064	-1.254	-1.437	-1.578	-1.650	-1.645	-1.585	-1.508	-1.457
7211	72.10	-1.457	-1.506	-1.576	-1.634	-1.658	-1.650	-1.640	-1.665	-1.749	-1.894
7221	72.20	-2.072	-2.244	-2.378	-2.469	-2.539	-2.622	-2.741	-2.892	-3.033	-3.103
7231	72.30	-3.049	-2.852	-2.544	-2.197	-1.898	-1.714	-1.667	-1.732	-1.850	-1.957
7241	72.40	-2.011	-2.009	-1.977	-1.951	-1.956	-1.990	-2.023	-2.018	-1.948	-1.813
7251	72.50	-1.640	-1.470	-1.338	-1.257	-1.213	-1.173	-1.103	-0.989	-0.843	-0.700
7261	72.60	-0.600	-0.573	-0.628	-0.745	-0.891	-1.034	-1.153	-1.243	-1.310	-1.362
7271	72.70	-1.402	-1.422	-1.411	-1.362	-1.280	-1.180	-1.087	-1.018	-0.982	-0.970
7281	72.80	-0.965	-0.947	-0.908	-0.852	-0.791	-0.740	-0.706	-0.685	-0.663	-0.630
7291	72.90	-0.581	-0.526	-0.478	-0.450	-0.438	-0.421	-0.363	-0.230	-0.005	0.301
7301	73.00	0.649	0.983	1.247	1.409	1.463	1.435	1.369	1.311	1.293	1.330
7311	73.10	1.416	1.532	1.669	1.783	1.892	1.986	2.064	2.128	2.173	2.195
7321	73.20	2.185	2.131	2.030	1.884	1.708	1.532	1.395	1.338	1.387	1.544
7331	73.30	1.781	2.044	2.265	2.389	2.386	2.267	2.072	1.861	1.687	1.580
7341	73.40	1.537	1.532	1.528	1.496	1.426	1.329	1.226	1.139	1.079	1.039
7351	73.50	1.004	0.959	0.895	0.814	0.729	0.651	0.589	0.540	0.494	0.443
7361	73.60	0.380	0.307	0.230	0.158	0.095	0.042	-0.008	-0.063	-0.126	-0.196
7371	73.70	-0.268	-0.336	-0.397	-0.452	-0.506	-0.563	-0.627	-0.695	-0.764	-0.829
7381	73.80	-0.888	-0.943	-0.997	-1.056	-1.121	-1.192	-1.265	-1.331	-1.386	-1.424
7391	73.90	-1.442	-1.439	-1.413	-1.363	-1.288	-1.190	-1.074	-0.945	-0.811	-0.676
7401	74.00	-0.546	-0.427	-0.322	-0.236	-0.175	-0.141	-0.131	-0.137	-0.150	-0.156
7411	74.10	-0.147	-0.121	-0.083	-0.040	-0.002	0.026	0.045	0.061	0.079	0.104
7421	74.20	0.137	0.172	0.205	0.231	0.251	0.269	0.290	0.319	0.353	0.389
7431	74.30	0.420	0.443	0.459	0.472	0.491	0.522	0.571	0.638	0.720	0.815
7441	74.40	0.918	1.025	1.129	1.223	1.294	1.332	1.332	1.297	1.240	1.177
7451	74.50	1.127	1.100	1.096	1.107	1.119	1.120	1.105	1.080	1.053	1.035
7461	74.60	1.029	1.032	1.036	1.031	1.015	0.989	0.964	0.948	0.945	0.950
7471	74.70	0.955	0.950	0.930	0.898	0.866	0.847	0.848	0.865	0.887	0.894
7481	74.80	0.868	0.801	0.693	0.554	0.398	0.234	0.070	-0.090	-0.242	-0.376
7491	74.90	-0.479	-0.536	-0.541	-0.498	-0.426	-0.355	-0.316	-0.328	-0.396	-0.504

Table 7-41-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.628	-0.738	-0.818	-0.864	-0.888	-0.909	-0.946	-1.005	-1.084	-1.168
7511	75.10	-1.244	-1.302	-1.344	-1.377	-1.416	-1.470	-1.541	-1.621	-1.698	-1.762
7521	75.20	-1.809	-1.846	-1.883	-1.932	-2.000	-2.081	-2.165	-2.236	-2.288	-2.320
7531	75.30	-2.347	-2.386	-2.451	-2.565	-2.654	-2.752	-2.809	-2.802	-2.725	-2.589
7541	75.40	-2.422	-2.253	-2.108	-1.996	-1.914	-1.869	-1.785	-1.711	-1.624	-1.528
7551	75.50	-1.432	-1.338	-1.250	-1.164	-1.078	-0.990	-0.903	-0.820	-0.741	-0.666
7561	75.60	-0.586	-0.493	-0.378	-0.239	-0.078	0.100	0.288	0.478	0.667	0.847
7571	75.70	1.012	1.147	1.242	1.287	1.283	1.242	1.185	1.138	1.120	1.137
7581	75.80	1.182	1.238	1.287	1.315	1.323	1.316	1.306	1.303	1.307	1.312
7591	75.90	1.310	1.297	1.275	1.253	1.242	1.247	1.264	1.278	1.273	1.237
7601	76.00	1.169	1.081	0.992	0.920	0.875	0.852	0.836	0.809	0.758	0.685
7611	76.10	0.601	0.528	0.485	0.485	0.528	0.603	0.694	0.786	0.867	0.933
7621	76.20	0.983	1.022	1.053	1.082	1.115	1.157	1.211	1.276	1.347	1.411
7631	76.30	1.453	1.462	1.431	1.365	1.276	1.182	1.100	1.037	0.997	0.971
7641	76.40	0.951	0.925	0.887	0.835	0.774	0.709	0.651	0.612	0.605	0.643
7651	76.50	0.729	0.861	1.022	1.184	1.315	1.384	1.376	1.291	1.148	0.976
7661	76.60	0.807	0.664	0.559	0.486	0.433	0.383	0.320	0.235	0.121	-0.024
7671	76.70	-0.199	-0.403	-0.626	-0.851	-1.055	-1.213	-1.306	-1.327	-1.284	-1.204
7681	76.80	-1.116	-1.051	-1.024	-1.038	-1.076	-1.119	-1.147	-1.152	-1.136	-1.114
7691	76.90	-1.098	-1.099	-1.116	-1.142	-1.164	-1.173	-1.165	-1.149	-1.134	-1.130
7701	77.00	-1.142	-1.164	-1.187	-1.199	-1.194	-1.177	-1.156	-1.146	-1.154	-1.179
7711	77.10	-1.211	-1.234	-1.232	-1.198	-1.137	-1.061	-0.984	-0.919	-0.865	-0.817
7721	77.20	-0.766	-0.707	-0.640	-0.575	-0.524	-0.496	-0.490	-0.500	-0.514	-0.520
7731	77.30	-0.517	-0.505	-0.493	-0.486	-0.483	-0.480	-0.470	-0.450	-0.425	-0.402
7741	77.40	-0.391	-0.393	-0.404	-0.409	-0.398	-0.368	-0.328	-0.294	-0.282	-0.294
7751	77.50	-0.320	-0.336	-0.323	-0.277	-0.213	-0.164	-0.157	-0.196	-0.255	-0.283
7761	77.60	-0.225	-0.059	0.192	0.456	0.638	0.660	0.501	0.211	-0.105	-0.324
7771	77.70	-0.361	-0.199	0.101	0.433	0.689	0.810	0.808	0.754	0.741	0.838
7781	77.80	1.058	1.351	1.631	1.814	1.858	1.779	1.635	1.501	1.435	1.449
7791	77.90	1.519	1.596	1.639	1.633	1.591	1.548	1.535	1.566	1.627	1.687
7801	78.00	1.710	1.676	1.583	1.452	1.310	1.181	1.076	0.994	0.923	0.853
7811	78.10	0.778	0.695	0.610	0.525	0.442	0.360	0.279	0.198	0.118	0.039
7821	78.20	-0.039	-0.119	-0.205	-0.294	-0.383	-0.462	-0.521	-0.559	-0.582	-0.603
7831	78.30	-0.639	-0.699	-0.781	-0.866	-0.929	-0.946	-0.904	-0.808	-0.679	-0.545
7841	78.40	-0.433	-0.354	-0.307	-0.275	-0.242	-0.195	-0.130	-0.055	0.020	0.088
7851	78.50	0.148	0.202	0.257	0.312	0.362	0.397	0.408	0.394	0.364	0.334
7861	78.60	0.321	0.333	0.367	0.408	0.439	0.446	0.432	0.411	0.403	0.421
7871	78.70	0.466	0.519	0.548	0.526	0.437	0.287	0.104	-0.078	-0.228	-0.335
7881	78.80	-0.407	-0.470	-0.548	-0.655	-0.789	-0.929	-1.048	-1.124	-1.153	-1.145
7891	78.90	-1.122	-1.105	-1.110	-1.138	-1.180	-1.224	-1.261	-1.289	-1.311	-1.333
7901	79.00	-1.362	-1.396	-1.431	-1.463	-1.490	-1.513	-1.539	-1.570	-1.609	-1.649
7911	79.10	-1.686	-1.711	-1.722	-1.720	-1.711	-1.698	-1.682	-1.658	-1.619	-1.556
7921	79.20	-1.468	-1.358	-1.238	-1.121	-1.018	-0.935	-0.870	-0.812	-0.751	-0.680
7931	79.30	-0.596	-0.502	-0.409	-0.322	-0.246	-0.180	-0.117	-0.049	0.029	0.117
7941	79.40	0.209	0.297	0.376	0.445	0.507	0.570	0.643	0.728	0.821	0.912
7951	79.50	0.995	1.064	1.122	1.180	1.247	1.330	1.425	1.522	1.610	1.680
7961	79.60	1.734	1.782	1.839	1.916	2.014	2.125	2.231	2.314	2.362	2.375
7971	79.70	2.359	2.322	2.272	2.213	2.149	2.085	2.028	1.991	1.979	1.989
7981	79.80	2.006	2.008	1.978	1.915	1.835	1.766	1.733	1.746	1.788	1.822
7991	79.90	1.811	1.738	1.618	1.497	1.426	1.434	1.506	1.581	1.570	1.399

Table 7-41-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	1.039	0.533	-0.025	-0.516	-0.846	-0.984	-0.966	-0.878	-0.816	-0.847
8011	80.10	-0.986	-1.198	-1.428	-1.623	-1.764	-1.863	-1.951	-2.053	-2.173	-2.289
8021	80.20	-2.367	-2.382	-2.330	-2.237	-2.139	-2.070	-2.043	-2.047	-2.056	-2.042
8031	80.30	-1.994	-1.920	-1.842	-1.783	-1.753	-1.748	-1.749	-1.736	-1.700	-1.645
8041	80.40	-1.583	-1.531	-1.497	-1.479	-1.466	-1.446	-1.412	-1.368	-1.320	-1.276
8051	80.50	-1.237	-1.198	-1.153	-1.096	-1.028	-0.956	-0.889	-0.833	-0.787	-0.746
8061	80.60	-0.700	-0.646	-0.585	-0.523	-0.467	-0.419	-0.375	-0.326	-0.266	-0.197
8071	80.70	-0.127	-0.071	-0.043	-0.045	-0.068	-0.090	-0.091	-0.059	0.007	0.094
8081	80.80	0.181	0.251	0.299	0.328	0.353	0.385	0.431	0.489	0.551	0.608
8091	80.90	0.655	0.693	0.730	0.771	0.821	0.876	0.931	0.981	1.025	1.065
8101	81.00	1.107	1.155	1.210	1.267	1.319	1.362	1.397	1.433	1.478	1.539
8111	81.10	1.615	1.689	1.742	1.749	1.697	1.586	1.435	1.272	1.125	1.014
8121	81.20	0.944	0.902	0.866	0.814	0.736	0.632	0.519	0.416	0.336	0.281
8131	81.30	0.239	0.190	0.115	0.011	-0.113	-0.231	-0.315	-0.343	-0.310	-0.230
8141	81.40	-0.128	-0.032	0.039	0.079	0.099	0.114	0.136	0.172	0.217	0.260
8151	81.50	0.296	0.322	0.347	0.379	0.421	0.471	0.514	0.534	0.523	0.485
8161	81.60	0.435	0.400	0.402	0.453	0.548	0.670	0.797	0.914	1.018	1.117
8171	81.70	1.220	1.331	1.440	1.523	1.553	1.507	1.383	1.202	0.998	0.813
8181	81.80	0.674	0.590	0.547	0.518	0.473	0.393	0.276	0.139	0.004	-0.105
8191	81.90	-0.172	-0.198	-0.189	-0.160	-0.122	-0.086	-0.056	-0.034	-0.020	-0.014
8201	82.00	-0.017	-0.025	-0.034	-0.039	-0.036	-0.025	-0.009	0.008	0.021	0.027
8211	82.10	0.026	0.016	-0.005	-0.043	-0.103	-0.191	-0.302	-0.422	-0.533	-0.617
8221	82.20	-0.667	-0.691	-0.710	-0.747	-0.822	-0.932	-1.057	-1.164	-1.227	-1.239
8231	82.30	-1.221	-1.216	-1.273	-1.424	-1.663	-1.947	-2.210	-2.383	-2.429	-2.350
8241	82.40	-2.194	-2.028	-1.915	-1,886	-1.934	-2.017	-2.080	-2.082	-2.008	-1.879
8251	82.50	-1.730	-1.601	-1.513	-1.445	-1.438	-1.404	-1.347	-1.264	-1.167	-1.074
8261	82.60	-1.001	-0.948	-0.905	-0.859	-0.798	-0.718	-0.629	-0.542	-0.470	-0.415
8271	82.70	-0.370	-0.323	-0.261	-0.180	-0.087	0.005	0.078	0.120	0.126	0.104
8281	82.80	0.068	0.034	0.014	0.013	0.027	0.047	0.064	0.071	0.068	0.061
8291	82.90	0.056	0.058	0.069	0.084	0.095	0.099	0.095	0.091	0.097	0.121
8301	83.00	0.163	0.216	0.266	0.301	0.314	0.312	0.309	0.320	0.353	0.405
8311	83.10	0.458	0.495	0.507	0.497	0.483	0.488	0.525	0.590	0.660	0.706
8321	83.20	0.712	0.679	0.638	0.625	0.672	0.777	0.904	0.991	0.978	0.837
8331	83.30	0.589	0.302	0.065	-0.045	0.001	0.179	0.421	0.647	0.796	0.853
8341	83.40	0.843	0.819	0.826	0.887	0.990	1.103	1.192	1.243	1.267	1.289
8351	83.50	1.336	1.417	1.518	1.606	1.652	1.639	1.576	1.489	1.410	1.358
8361	83.60	1.339	1.340	1.341	1.329	1.302	1.269	1.239	1.219	1.207	1.194
8371	83.70	1.173	1.144	1.111	1.086	1.071	1.066	1.058	1.038	1.002	0.958
8381	83.80	0.920	0.901	0.904	0.917	0.918	0.890	0.830	0.759	0.705	0.697
8391	83.90	0.738	0.802	0.837	0.792	0.640	0.395	0.115	-0.123	-0.253	-0.249
8401	84.00	-0.137	0.013	0.122	0.128	0.018	-0.177	-0.395	-0.576	-0.685	-0.729
8411	84.10	-0.743	-0.773	-0.849	-0.973	-1.119	-1.248	-1.328	-1.347	-1.319	-1.276
8421	84.20	-1.247	-1.250	-1.285	-1.338	-1.387	-1.419	-1.432	-1.434	-1.440	-1.458
8431	84.30	-1.489	-1.529	-1.566	-1.594	-1.612	-1.623	-1.635	-1.653	-1.679	-1.711
8441	84.40	-1.744	-1.775	-1.799	-1.818	-1.832	-1.866	-1.863	-1.886	-1.917	-1.956
8451	84.50	-1.997	-2.033	-2.051	-2.038	-1.987	-1.898	-1.780	-1.651	-1.530	-1.431
8461	84.60	-1.360	-1.310	-1.268	-1.218	-1.151	-1.068	-0.975	-0.885	-0.808	-0.746
8471	84.70	-0.693	-0.639	-0.574	-0.495	-0.406	-0.318	-0.239	-0.176	-0.123	-0.071
8481	84.80	-0.008	0.071	0.164	0.259	0.341	0.402	0.442	0.478	0.532	0.626
8491	84.90	0.766	0.944	1.132	1.293	1.396	1.425	1.387	1.307	1.220	1.157

Table 7-41-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1233 1304-GR-1-10 HB. (HB.) OTANOSHIKE BR. MAX. ACC. = 106.788 (GAL) T= 1.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	1.135	1.152	1.191	1.229	1.248	1.242	1.218	1.193	1.180	1.189
8511	85.10	1.215	1.244	1.259	1.245	1.199	1.128	1.047	0.973	0.915	0.877
8521	85.20	0.851	0.825	0.788	0.734	0.669	0.604	0.555	0.536	0.551	0.596
8531	85.30	0.657	0.718	0.767	0.797	0.810	0.815	0.823	0.839	0.865	0.897
8541	85.40	0.927	0.951	0.966	0.978	0.991	1.011	1.038	1.070	1.099	1.120
8551	85.50	1.132	1.139	1.150	1.171	1.205	1.248	1.287	1.308	1.298	1.251
8561	85.60	1.172	1.073	0.969	0.876	0.802	0.747	0.705	0.667	0.623	0.568
8571	85.70	0.502	0.432	0.363	0.301	0.247	0.200	0.154	0.102	0.043	-0.023
8581	85.80	-0.093	-0.161	-0.221	-0.274	-0.318	-0.356	-0.384	-0.396	-0.383	-0.332
8591	85.90	-0.238	-0.103	0.058	0.221	0.359	0.450	0.481	0.456	0.388	0.298
8601	86.00	0.207	0.132	0.081	0.051	0.038	0.032	0.024	0.006	-0.025	-0.067
8611	86.10	-0.114	-0.160	-0.194	-0.214	-0.221	-0.224	-0.236	-0.270	-0.332	-0.419
8621	86.20	-0.521	-0.623	-0.715	-0.794	-0.866	-0.942	-1.031	-1.130	-1.229	-1.309
8631	86.30	-1.355	-1.360	-1.330	-1.283	-1.240	-1.216	-1.214	-1.226	-1.240	-1.242
8641	86.40	-1.232	-1.216	-1.206	-1.214	-1.245	-1.296	-1.360	-1.430	-1.503	-1.579
8651	86.50	-1.660	-1.744	-1.822	-1.884	-1.917	-1.914	-1.873	-1.803	-1.713	-1.614
8661	86.60	-1.514	-1.420	-1.338	-1.274	-1.231	-1.209	-1.194	-1.170	-1.117	-1.027
8671	86.70	-0.912	-0.801	-0.733	-0.738	-0.818	-0.941	-1.049	-1.075	-0.981	-0.768
8681	86.80	-0.488	-0.222	-0.052	-0.024	-0.138	-0.344	-0.569	-0.768	-0.848	-0.874
8691	86.90	-0.861	-0.849	-0.859	-0.886	-0.903	-0.880	-0.800	-0.675	-0.535	-0.416
8701	87.00	-0.341	-0.311	-0.306	-0.297	-0.265	-0.209	-0.149	-0.110	-0.113	-0.159
8711	87.10	-0.228	-0.290	-0.314	-0.287	-0.212	-0.105	0.011	0.121	0.221	0.314
8721	87.20	0.407	0.502	0.598	0.688	0.768	0.837	0.905	0.980	1.068	1.169
8731	87.30	1.274	1.370	1.452	1.519	1.581	1.652	1.741	1.849	1.966	2.074
8741	87.40	2.156	2.201	2.208	2.188	2.154	2.120	2.095	2.084	2.084	2.094
8751	87.50	2.111	2.132	2.154	2.169	2.170	2.147	2.097	2.020	1.926	1.828
8761	87.60	1.738	1.663	1.606	1.560	1.516	1.466	1.406	1.339	1.269	1.202
8771	87.70	1.143	1.089	1.037	0.984	0.924	0.860	0.795	0.731	0.673	0.618
8781	87.80	0.565	0.510	0.449	0.386	0.322	0.261	0.206	0.154	0.101	0.041
8791	87.90	-0.026	-0.097	-0.161	-0.207	-0.226	-0.218	-0.190	-0.155	-0.131	-0.125
8801	88.00	-0.140	-0.166	-0.192	-0.207	-0.206	-0.195	-0.183	-0.181	-0.193	-0.215
8811	88.10	-0.237	-0.250	-0.248	-0.235	-0.221	-0.218	-0.235	-0.270	-0.316	-0.359
8821	88.20	-0.391	-0.409	-0.421	-0.435	-0.461	-0.497	-0.537	-0.571	-0.590	-0.596
8831	88.30	-0.601	-0.618	-0.657	-0.710	-0.759	-0.775	-0.733	-0.627	-0.473	-0.307
8841	88.40	-0.169	-0.087	-0.059	-0.060	-0.047	0.019	0.147	0.314	0.467	0.545
8851	88.50	0.504	0.338	0.084	-0.190	-0.408	-0.518	-0.506	-0.393	-0.240	-0.104
8861	88.60	-0.030	-0.033	-0.102	-0.208	-0.322	-0.422	-0.502	-0.566	-0.621	-0.677
8871	88.70	-0.737	-0.800	-0.867	-0.934	-1.001	-1.065	-1.125	-1.180	-1.233	-1.288
8881	88.80	-1.353	-1.431	-1.514	-1.590	-1.639	-1.646	-1.610	-1.544	-1.474	-1.426
8891	88.90	-1.416	-1.437	-1.469	-1.486	-1.471	-1.428	-1.380	-1.352	-1.360	-1.398
8901	89.00	-1.438	-1.448	-1.411	-1.339	-1.270	-1.247	-1.291	-1.385	-1.470	-1.474
8911	89.10	-1.345	-1.086	-0.751	-0.448	-0.269	-0.261	-0.400	-0.600	-0.753	-0.776
8921	89.20	-0.652	-0.426	-0.181	0.007	0.106	0.137	0.159	0.227	0.360	0.533
8931	89.30	0.695	0.802	0.844	0.857	0.896	1.005	1.182	1.383	1.542	1.615
8941	89.40	1.607	1.579	1.613	1.760	2.007	2.269	2.432	2.414	2.218	1.946
8951	89.50	1.753	1.767	2.016	2.390	2.679	2.660	2.202	1.345	0.291	-0.665

Table 7-42-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.976	-1.565	-1.804	-1.735	-1.478	-1.174	-0.932	-0.794	-0.739	-0.716
11	0.10	-0.681	-0.631	-0.603	-0.654	-0.832	-1.145	-1.556	-1.995	-2.386	-2.677
21	0.20	-2.852	-2.933	-2.959	-2.966	-2.969	-2.954	-2.888	-2.733	-2.467	-2.096
31	0.30	-1.662	-1.232	-0.886	-0.692	-0.692	-0.881	-1.212	-1.604	-1.964	-2.206
41	0.40	-2.279	-2.167	-1.897	-1.517	-1.088	-0.665	-0.292	-0.004	0.179	0.243
51	0.50	0.189	0.033	-0.193	-0.443	-0.667	-0.829	-0.909	-0.915	-0.869	-0.800
61	0.60	-0.729	-0.666	-0.610	-0.557	-0.508	-0.470	-0.450	-0.447	-0.445	-0.417
71	0.70	-0.339	-0.200	-0.019	0.155	0.261	0.245	0.082	-0.209	-0.575	-0.944
81	0.80	-1.253	-1.458	-1.552	-1.548	-1.476	-1.363	-1.227	-1.079	-0.922	-0.757
91	0.90	-0.580	-0.384	-0.157	0.109	0.409	0.714	0.973	1.115	1.078	0.828
101	1.00	0.377	-0.209	-0.837	-1.403	-1.827	-2.066	-2.111	-1.977	-1.687	-1.256
111	1.10	-0.697	-0.035	0.684	1.386	1.977	2.372	2.514	2.395	2.053	1.561
121	1.20	0.998	0.434	-0.081	-0.518	-0.852	-1.063	-1.129	-1.041	-0.811	-0.482
131	1.30	-0.122	0.198	0.420	0.520	0.513	0.442	0.354	0.289	0.258	0.257
141	1.40	0.270	0.288	0.311	0.353	0.424	0.520	0.622	0.699	0.717	0.661
151	1.50	0.541	0.388	0.249	0.167	0.166	0.249	0.395	0.566	0.721	0.816
161	1.60	0.818	0.698	0.444	0.057	-0.439	-0.996	-1.547	-2.017	-2.331	-2.438
171	1.70	-2.312	-1.964	-1.435	-0.792	-0.113	0.522	1.044	1.399	1.560	1.531
181	1.80	1.344	1.055	0.735	0.454	0.269	0.215	0.301	0.518	0.841	1.240
191	1.90	1.679	2.118	2.513	2.819	2.992	3.003	2.845	2.539	2.131	1.685
201	2.00	1.266	0.924	0.684	0.544	0.483	0.467	0.466	0.459	0.437	0.403
211	2.10	0.363	0.324	0.290	0.263	0.244	0.234	0.241	0.273	0.341	0.451
221	2.20	0.602	0.780	0.959	1.109	1.200	1.212	1.147	1.026	0.890	0.787
231	2.30	0.762	0.841	1.031	1.312	1.652	2.008	2.339	2.606	2.776	2.818
241	2.40	2.705	2.417	1.950	1.322	0.578	-0.213	-0.969	-1.617	-2.103	-2.405
251	2.50	-2.537	-2.534	-2.442	-2.302	-2.137	-1.953	-1.742	-1.494	-1.207	-0.893
261	2.60	-0.575	-0.286	-0.058	0.088	0.139	0.098	-0.021	-0.199	-0.418	-0.658
271	2.70	-0.898	-1.117	-1.290	-1.393	-1.408	-1.331	-1.174	-0.969	-0.761	-0.590
281	2.80	-0.484	-0.444	-0.445	-0.448	-0.413	-0.322	-0.187	-0.047	0.049	0.056
291	2.90	-0.041	-0.223	-0.445	-0.656	-0.818	-0.923	-0.993	-1.063	-1.163	-1.298
301	3.00	-1.439	-1.536	-1.531	-1.386	-1.094	-0.688	-0.226	0.227	0.614	0.901
311	3.10	1.077	1.151	1.139	1.059	0.930	0.765	0.577	0.383	0.201	0.049
321	3.20	-0.059	-0.110	-0.102	-0.044	0.041	0.118	0.141	0.064	-0.143	-0.483
331	3.30	-0.925	-1.407	-1.850	-2.184	-2.365	-2.384	-2.272	-2.080	-1.861	-1.655
341	3.40	-1.484	-1.358	-1.283	-1.271	-1.338	-1.490	-1.715	-1.974	-2.206	-2.347
351	3.50	-2.354	-2.224	-1.995	-1.729	-1.485	-1.292	-1.133	-0.957	-0.699	-0.315
361	3.60	0.191	0.745	1.317	1.755	2.009	2.058	1.924	1.664	1.342	1.012
371	3.70	0.712	0.459	0.264	0.136	0.084	0.117	0.233	0.419	0.648	0.884
381	3.80	1.089	1.227	1.267	1.188	0.975	0.626	0.155	-0.400	-0.980	-1.507
391	3.90	-1.898	-2.083	-2.014	-1.679	-1.104	-0.347	0.509	1.366	2.126	2.704
401	4.00	3.041	3.117	2.957	2.632	2.236	1.869	1.611	1.497	1.513	1.608
411	4.10	1.717	1.780	1.767	1.675	1.525	1.335	1.113	0.843	0.502	0.068
421	4.20	-0.453	-1.018	-1.555	-1.972	-2.189	-2.158	-1.884	-1.420	-0.862	-0.319
431	4.30	0.108	0.349	0.374	0.201	-0.119	-0.512	-0.902	-1.227	-1.448	-1.551
441	4.40	-1.548	-1.460	-1.312	-1.121	-0.898	-0.666	-0.365	-0.065	0.239	0.522
451	4.50	0.756	0.920	1.004	1.013	0.968	0.904	0.857	0.859	0.928	1.061
461	4.60	1.237	1.418	1.561	1.630	1.605	1.491	1.312	1.104	0.903	0.731
471	4.70	0.592	0.475	0.358	0.222	0.059	-0.125	-0.311	-0.473	-0.585	-0.626
481	4.80	-0.581	-0.448	-0.235	0.037	0.337	0.624	0.857	1.003	1.045	0.984
491	4.90	0.838	0.631	0.388	0.122	-0.157	-0.439	-0.708	-0.933	-1.079	-1.114

Table 7-42-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-1.026	-0.827	-0.557	-0.265	0.007	0.237	0.431	0.613	0.804	1.012
511	5.10	1.218	1.384	1.469	1.446	1.315	1.102	0.846	0.579	0.323	0.080
521	5.20	-0.154	-0.375	-0.560	-0.671	-0.665	-0.513	-0.219	0.179	0.612	1.002
531	5.30	1.283	1.414	1.384	1.210	0.923	0.560	0.156	-0.257	-0.651	-1.000
541	5.40	-1.286	-1.498	-1.634	-1.704	-1.722	-1.699	-1.640	-1.544	-1.406	-1.220
551	5.50	-0.991	-0.728	-0.449	-0.175	0.075	0.283	0.434	0.512	0.504	0.402
561	5.60	0.207	-0.063	-0.378	-0.696	-0.972	-1.168	-1.254	-1.218	-1.063	-0.807
571	5.70	-0.480	-0.122	0.219	0.492	0.659	0.700	0.619	0.447	0.230	0.011
581	5.80	-0.186	-0.366	-0.561	-0.812	-1.153	-1.586	-2.076	-2.558	-2.957	-3.210
591	5.90	-3.286	-3.188	-2.943	-2.584	-2.131	-1.580	-0.917	-0.130	0.768	1.727
601	6.00	2.660	3.465	4.053	4.375	4.437	4.299	4.051	3.784	3.564	3.411
611	6.10	3.307	3.204	3.054	2.827	2.517	2.142	1.724	1.278	0.799	0.265
621	6.20	-0.351	-1.065	-1.865	-2.711	-3.539	-4.278	-4.868	-5.274	-5.490	-5.528
631	6.30	-5.408	-5.146	-4.740	-4.176	-3.437	-2.517	-1.433	-0.237	0.988	2.141
641	6.40	3.115	3.825	4.223	4.308	4.129	3.765	3.312	2.852	2.441	2.094
651	6.50	1.796	1.513	1.216	0.887	0.537	0.191	-0.113	-0.346	-0.490	-0.541
661	6.60	-0.511	-0.416	-0.279	-0.129	0.002	0.073	0.048	-0.099	-0.372	-0.757
671	6.70	-1.176	-1.599	-1.963	-2.232	-2.390	-2.434	-2.359	-2.149	-1.779	-1.230
681	6.80	-0.509	0.332	1.196	1.956	2.492	2.722	2.631	2.268	1.731	1.132
691	6.90	0.561	0.076	-0.307	-0.594	-0.797	-0.926	-0.984	-0.980	-0.936	-0.887
701	7.00	-0.875	-0.932	-1.066	-1.259	-1.479	-1.695	-1.892	-2.075	-2.250	-2.409
711	7.10	-2.508	-2.469	-2.203	-1.640	-0.772	0.335	1.548	2.707	3.670	4.353
721	7.20	4.742	4.875	4.810	4.582	4.190	3.603	2.793	1.772	0.615	-0.544
731	7.30	-1.544	-2.245	-2.575	-2.547	-2.248	-1.807	-1.349	-0.959	-0.676	-0.494
741	7.40	-0.392	-0.356	-0.387	-0.496	-0.690	-0.950	-1.229	-1.462	-1.580	-1.539
751	7.50	-1.335	-1.000	-0.596	-0.192	0.151	0.391	0.509	0.495	0.352	0.087
761	7.60	-0.284	-0.727	-1.192	-1.609	-1.905	-2.014	-1.892	-1.528	-0.962	-0.179
771	7.70	0.698	1.618	2.510	3.307	3.950	4.394	4.615	4.613	4.405	4.029
781	7.80	3.523	2.915	2.222	1.448	0.595	-0.318	-1.250	-2.136	-2.894	-3.449
791	7.90	-3.746	-3.764	-3.518	-3.045	-2.397	-1.633	-0.814	-0.009	0.702	1.230
801	8.00	1.499	1.465	1.137	0.590	-0.050	-0.639	-1.057	-1.243	-1.209	-1.028
811	8.10	-0.805	-0.634	-0.567	-0.612	-0.743	-0.929	-1.160	-1.447	-1.816	-2.278
821	8.20	-2.805	-3.324	-3.731	-3.921	-3.829	-3.441	-2.806	-2.005	-1.124	-0.227
831	8.30	0.649	1.483	2.249	2.901	3.372	3.593	3.526	3.191	2.668	2.083
841	8.40	1.570	1.228	1.095	1.144	1.302	1.481	1.613	1.661	1.622	1.508
851	8.50	1.330	1.096	0.808	0.478	0.135	-0.170	-0.377	-0.439	-0.331	-0.068
861	8.60	0.303	0.719	1.115	1.441	1.662	1.760	1.729	1.570	1.290	0.908
871	8.70	0.457	-0.017	-0.466	-0.843	-1.111	-1.251	-1.255	-1.124	-0.873	-0.522
881	8.80	-0.108	0.322	0.712	1.012	1.188	1.236	1.174	1.036	0.852	0.639
891	8.90	0.397	0.116	-0.204	-0.542	-0.856	-1.090	-1.202	-1.186	-1.074	-0.930
901	9.00	-0.823	-0.797	-0.851	-0.944	-1.009	-0.990	-0.863	-0.643	-0.375	-0.107
911	9.10	0.131	0.338	0.540	0.768	1.037	1.332	1.612	1.821	1.909	1.851
921	9.20	1.644	1.312	0.893	0.431	-0.026	-0.429	-0.730	-0.889	-0.886	-0.729
931	9.30	-0.457	-0.131	0.185	0.445	0.631	0.754	0.840	0.902	0.935	0.906
941	9.40	0.774	0.511	0.125	-0.340	-0.810	-1.212	-1.492	-1.634	-1.654	-1.582
951	9.50	-1.445	-1.252	-1.000	-0.691	-0.348	-0.025	0.203	0.264	0.119	-0.216
961	9.60	-0.669	-1.129	-1.483	-1.649	-1.599	-1.356	-0.977	-0.527	-0.055	0.420
971	9.70	0.904	1.410	1.943	2.483	2.988	3.397	3.646	3.681	3.472	3.017
981	9.80	2.345	1.515	0.606	-0.285	-1.062	-1.633	-1.935	-1.935	-1.640	-1.093
991	9.90	-0.368	0.444	1.246	1.944	2.459	2.728	2.714	2.404	1.818	1.004

Table 7-42-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.038	-0.985	-1.965	-2.813	-3.459	-3.869	-4.047	-4.028	-3.870	-3.642
1011	10.10	-3.406	-3.207	-3.066	-2.981	-2.927	-2.871	-2.777	-2.618	-2.381	-2.067
1021	10.20	-1.697	-1.297	-0.904	-0.549	-0.260	-0.054	0.061	0.088	0.033	-0.094
1031	10.30	-0.282	-0.516	-0.779	-1.047	-1.292	-1.481	-1.586	-1.586	-1.476	-1.265
1041	10.40	-0.969	-0.608	-0.192	0.278	0.810	1.412	2.076	2.775	3.458	4.059
1051	10.50	4.514	4.776	4.826	4.678	4.371	3.953	3.470	2.952	2.411	1.849
1061	10.60	1.263	0.654	0.031	-0.586	-1.176	-1.716	-2.185	-2.564	-2.837	-2.990
1071	10.70	-3.011	-2.898	-2.662	-2.328	-1.933	-1.518	-1.118	-0.755	-0.433	-0.139
1081	10.80	0.151	0.457	0.793	1.156	1.531	1.890	2.202	2.436	2.565	2.572
1091	10.90	2.445	2.186	1.805	1.327	0.787	0.227	-0.305	-0.770	-1.135	-1.383
1101	11.00	-1.513	-1.533	-1.461	-1.321	-1.137	-0.939	-0.752	-0.604	-0.513	-0.489
1111	11.10	-0.527	-0.699	-0.708	-0.793	-0.839	-0.836	-0.786	-0.705	-0.616	-0.537
1121	11.20	-0.477	-0.434	-0.395	-0.342	-0.258	-0.133	0.033	0.230	0.440	0.639
1131	11.30	0.805	0.918	0.967	0.948	0.867	0.735	0.567	0.377	0.180	-0.013
1141	11.40	-0.193	-0.352	-0.489	-0.606	-0.713	-0.827	-0.964	-1.133	-1.332	-1.543
1151	11.50	-1.733	-1.866	-1.910	-1.850	-1.692	-1.456	-1.173	-0.870	-0.563	-0.261
1161	11.60	0.029	0.294	0.515	0.668	0.736	0.721	0.650	0.568	0.525	0.559
1171	11.70	0.683	0.884	1.136	1.413	1.707	2.026	2.386	2.796	3.237	3.664
1181	11.80	4.016	4.232	4.274	4.134	3.831	3.392	2.845	2.205	1.485	0.714
1191	11.90	-0.053	-0.731	-1.224	-1.454	-1.397	-1.088	-0.620	-0.107	0.352	0.702
1201	12.00	0.939	1.090	1.180	1.208	1.132	0.892	0.441	-0.225	-1.044	-1.903
1211	12.10	-2.668	-3.220	-3.489	-3.466	-3.185	-2.708	-2.098	-1.406	-0.677	0.041
1221	12.20	0.694	1.222	1.573	1.720	1.677	1.494	1.244	1.001	0.821	0.730
1231	12.30	0.726	0.788	0.891	1.012	1.127	1.213	1.242	1.186	1.024	0.755
1241	12.40	0.399	-0.002	-0.400	-0.753	-1.031	-1.224	-1.329	-1.344	-1.263	-1.075
1251	12.50	-0.776	-0.375	0.097	0.596	1.069	1.470	1.772	1.962	2.045	2.025
1261	12.60	1.909	1.703	1.420	1.087	0.746	0.443	0.215	0.071	-0.012	-0.082
1271	12.70	-0.200	-0.408	-0.720	-1.111	-1.532	-1.925	-2.249	-2.487	-2.648	-2.752
1281	12.80	-2.821	-2.858	-2.854	-2.789	-2.645	-2.420	-2.129	-1.805	-1.485	-1.204
1291	12.90	-0.986	-0.838	-0.753	-0.711	-0.689	-0.662	-0.611	-0.526	-0.411	-0.279
1301	13.00	-0.149	-0.038	0.049	0.118	0.188	0.276	0.390	0.516	0.620	0.661
1311	13.10	0.601	0.431	0.175	-0.118	-0.383	-0.570	-0.662	-0.675	-0.657	-0.660
1321	13.20	-0.720	-0.837	-0.980	-1.098	-1.140	-1.081	-0.921	-0.693	-0.436	-0.185
1331	13.30	0.041	0.245	0.437	0.625	0.807	0.966	1.081	1.138	1.138	1.100
1341	13.40	1.050	1.007	0.972	0.925	0.829	0.648	0.365	-0.011	-0.444	-0.877
1351	13.50	-1.254	-1.533	-1.694	-1.739	-1.688	-1.564	-1.393	-1.195	-0.993	-0.810
1361	13.60	-0.670	-0.593	-0.592	-0.663	-0.793	-0.957	-1.134	-1.307	-1.469	-1.613
1371	13.70	-1.730	-1.799	-1.790	-1.670	-1.418	-1.037	-0.552	-0.010	0.541	1.062
1381	13.80	1.536	1.965	2.355	2.706	2.996	3.188	3.242	3.135	2.877	2.511
1391	13.90	2.104	1.722	1.408	1.169	0.982	0.814	0.642	0.468	0.321	0.235
1401	14.00	0.229	0.279	0.324	0.274	0.043	-0.414	-1.082	-1.882	-2.695	-3.396
1411	14.10	-3.883	-4.103	-4.052	-3.764	-3.289	-2.674	-1.950	-1.142	-0.266	0.652
1421	14.20	1.578	2.470	3.283	3.983	4.544	4.955	5.214	5.322	5.282	5.103
1431	14.30	4.799	4.396	3.930	3.441	2.969	2.538	2.157	1.811	1.471	1.105
1441	14.40	0.685	0.201	-0.334	-0.883	-1.396	-1.819	-2.105	-2.231	-2.197	-2.027
1451	14.50	-1.762	-1.448	-1.123	-0.809	-0.509	-0.213	0.095	0.423	0.767	1.105
1461	14.60	1.400	1.612	1.705	1.658	1.467	1.143	0.714	0.210	-0.336	-0.890
1471	14.70	-1.418	-1.884	-2.248	-2.468	-2.510	-2.359	-2.029	-1.567	-1.052	-0.575
1481	14.80	-0.223	-0.052	-0.074	-0.255	-0.526	-0.806	-1.025	-1.144	-1.160	-1.089
1491	14.90	-0.957	-0.775	-0.531	-0.202	0.235	0.780	1.395	2.005	2.515	2.835

Table 7-42-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	2.906	2.719	2.308	1.740	1.091	0.430	-0.199	-0.765	-1.246	-1.619
1511	15.10	-1.855	-1.928	-1.831	-1.586	-1.249	-0.900	-0.624	-0.483	-0.502	-0.656
1521	15.20	-0.886	-1.120	-1.294	-1.375	-1.365	-1.292	-1.198	-1.118	-1.068	-1.043
1531	15.30	-1.024	-0.985	-0.911	-0.799	-0.662	-0.525	-0.416	-0.362	-0.381	-0.479
1541	15.40	-0.645	-0.860	-1.092	-1.304	-1.459	-1.531	-1.502	-1.369	-1.139	-0.826
1551	15.50	-0.446	-0.013	0.459	0.954	1.448	1.912	2.314	2.627	2.837	2.949
1561	15.60	2.985	2.977	2.956	2.938	2.926	2.904	2.853	2.759	2.621	2.453
1571	15.70	2.277	2.111	1.959	1.811	1.665	1.440	1.186	0.885	0.550	0.194
1581	15.80	-0.181	-0.589	-1.057	-1.605	-2.236	-2.918	-3.586	-4.155	-4.546	-4.708
1591	15.90	-4.637	-4.374	-3.994	-3.577	-3.186	-2.851	-2.568	-2.312	-2.050	-1.764
1601	16.00	-1.457	-1.152	-0.888	-0.701	-0.623	-0.666	-0.826	-1.079	-1.385	-1.693
1611	16.10	-1.947	-2.096	-2.111	-1.994	-1.776	-1.513	-1.262	-1.058	-0.895	-0.724
1621	16.20	-0.470	-0.060	0.538	1.298	2.138	2.941	3.597	4.042	4.276	4.345
1631	16.30	4.328	4.282	4.218	4.098	3.860	3.455	2.884	2.214	1.561	1.049
1641	16.40	0.771	0.747	0.928	1.216	1.507	1.731	1.871	1.958	2.040	2.155
1651	16.50	2.303	2.450	2.542	2.538	2.424	2.224	1.983	1.746	1.531	1.325
1661	16.60	1.086	0.768	0.337	-0.210	-0.851	-1.544	-2.244	-2.917	-3.539	-4.097
1671	16.70	-4.576	-4.958	-5.221	-5.345	-5.320	-5.150	-4.853	-4.450	-3.963	-3.404
1681	16.80	-2.777	-2.080	-1.312	-0.484	0.384	1.260	2.103	2.865	3.495	3.947
1691	16.90	4.180	4.172	3.921	3.451	2.814	2.078	1.320	0.608	-0.004	-0.484
1701	17.00	-0.819	-1.011	-1.072	-1.018	-0.872	-0.661	-0.416	-0.168	0.054	0.234
1711	17.10	0.364	0.443	0.477	0.465	0.404	0.283	0.099	-0.144	-0.425	-0.712
1721	17.20	-0.966	-1.153	-1.255	-1.276	-1.236	-1.161	-1.078	-0.999	-0.922	-0.835
1731	17.30	-0.724	-0.585	-0.427	-0.270	-0.143	-0.069	-0.063	-0.120	-0.225	-0.356
1741	17.40	-0.493	-0.623	-0.742	-0.849	-0.945	-1.027	-1.085	-1.106	-1.084	-1.018
1751	17.50	-0.918	-0.802	-0.689	-0.596	-0.534	-0.506	-0.513	-0.553	-0.624	-0.718
1761	17.60	-0.816	-0.888	-0.893	-0.790	-0.552	-0.176	0.309	0.850	1.381	1.843
1771	17.70	2.199	2.433	2.553	2.575	2.510	2.363	2.132	1.822	1.455	1.074
1781	17.80	0.741	0.514	0.435	0.513	0.718	0.992	1.266	1.478	1.590	1.591
1791	17.90	1.490	1.311	1.079	0.814	0.533	0.252	-0.010	-0.228	-0.374	-0.427
1801	18.00	-0.380	-0.243	-0.051	0.144	0.282	0.305	0.171	-0.133	-0.590	-1.149
1811	18.10	-1.741	-2.285	-2.710	-2.971	-3.049	-2.960	-2.745	-2.454	-2.137	-1.837
1821	18.20	-1.577	-1.366	-1.199	-1.062	-0.936	-0.797	-0.623	-0.393	-0.090	0.297
1831	18.30	0.772	1.332	1.962	2.634	3.305	3.916	4.394	4.663	4.656	4.335
1841	18.40	3.700	2.801	1.731	0.612	-0.429	-1.286	-1.887	-2.211	-2.280	-2.146
1851	18.50	-1.877	-1.542	-1.195	-0.871	-0.586	-0.338	-0.117	0.090	0.291	0.486
1861	18.60	0.663	0.808	0.905	0.950	0.950	0.926	0.902	0.899	0.922	0.958
1871	18.70	0.980	0.957	0.872	0.722	0.528	0.325	0.148	0.021	-0.050	-0.077
1881	18.80	-0.083	-0.092	-0.121	-0.178	-0.261	-0.364	-0.478	-0.592	-0.686	-0.737
1891	18.90	-0.719	-0.609	-0.399	-0.100	0.253	0.609	0.912	1.115	1.188	1.120
1901	19.00	0.918	0.596	0.175	-0.321	-0.860	-1.406	-1.913	-2.339	-2.652	-2.842
1911	19.10	-2.920	-2.916	-2.865	-2.791	-2.704	-2.596	-2.454	-2.265	-2.027	-1.746
1921	19.20	-1.428	-1.066	-0.639	-0.117	0.523	1.280	2.111	2.943	3.684	4.254
1931	19.30	4.607	4.743	4.696	4.513	4.231	3.857	3.375	2.761	2.013	1.166
1941	19.40	0.297	-0.495	-1.117	-1.513	-1.680	-1.665	-1.548	-1.408	-1.306	-1.270
1951	19.50	-1.297	-1.363	-1.436	-1.491	-1.506	-1.470	-1.374	-1.213	-0.983	-0.681
1961	19.60	-0.305	0.152	0.695	1.325	2.029	2.765	3.461	4.018	4.329	4.314
1971	19.70	3.938	3.233	2.291	1.238	0.201	-0.721	-1.475	-2.052	-2.471	-2.755
1981	19.80	-2.922	-2.976	-2.925	-2.784	-2.587	-2.382	-2.217	-2.122	-2.105	-2.148
1991	19.90	-2.218	-2.284	-2.325	-2.333	-2.309	-2.256	-2.170	-2.049	-1.893	-1.718

Table 7-42-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-1.546	-1.407	-1.317	-1.271	-1.235	-1.160	-0.999	-0.729	-0.364	0.048
2011	20.10	0.439	0.744	0.920	0.958	0.876	0.703	0.472	0.201	-0.102	-0.432
2021	20.20	-0.778	-1.120	-1.429	-1.671	-1.823	-1.873	-1.821	-1.674	-1.445	-1.144
2031	20.30	-0.780	-0.370	0.061	0.480	0.850	1.144	1.353	1.492	1.596	1.711
2041	20.40	1.877	2.112	2.408	2.723	3.002	3.183	3.216	3.074	2.756	2.279
2051	20.50	1.676	0.984	0.239	-0.526	-1.274	-1.964	-2.553	-2.994	-3.253	-3.314
2061	20.60	-3.186	-2.907	-2.531	-2.119	-1.723	-1.379	-1.104	-0.903	-0.772	-0.707
2071	20.70	-0.705	-0.758	-0.[illegible]5	-0.933	-0.975	-0.926	-0.748	-0.434	-0.005	0.486
2081	20.80	0.969	1.370	1.627	1.699	1.570	1.248	0.762	0.160	-0.499	-1.147
2091	20.90	-1.716	-2.143	-2.385	-2.417	-2.240	-1.877	-1.364	-0.746	-0.070	0.624
2101	21.00	1.299	1.927	2.481	2.940	3.289	3.513	3.607	3.570	3.413	3.159
2111	21.10	2.843	2.509	2.205	1.967	1.815	1.747	1.742	1.770	1.810	1.853
2121	21.20	1.907	1.990	2.113	2.266	2.416	2.513	2.508	2.377	2.130	1.816
2131	21.30	1.503	1.254	1.109	1.075	1.125	1.220	1.328	1.435	1.547	1.680
2141	21.40	1.843	2.030	2.212	2.348	2.395	2.325	2.128	1.814	1.410	0.949
2151	21.50	0.469	0.010	-0.385	-0.676	-0.827	-0.818	-0.649	-0.343	0.058	0.502
2161	21.60	0.939	1.329	1.644	1.865	1.977	1.962	1.805	1.490	1.012	0.375
2171	21.70	-0.395	-1.260	-2.165	-3.042	-3.816	-4.415	-4.773	-4.846	-4.624	-4.127
2181	21.80	-3.410	-2.547	-1.618	-0.693	0.172	0.936	1.566	2.031	2.302	2.361
2191	21.90	2.212	1.887	1.453	0.997	0.604	0.339	0.232	0.276	0.435	0.662
2201	22.00	0.908	1.129	1.281	1.315	1.186	0.846	0.290	-0.457	-1.322	-2.202
2211	22.10	-2.938	-3.601	-4.006	-4.216	-4.270	-4.207	-4.036	-3.736	-3.269	-2.607
2221	22.20	-1.760	-0.793	0.191	1.075	1.759	2.189	2.354	2.274	1.981	1.499
2231	22.30	0.848	0.052	-0.837	-1.740	-2.553	-3.175	-3.543	-3.645	-3.527	-3.269
2241	22.40	-2.950	-2.619	-2.287	-1.940	-1.563	-1.167	-0.799	-0.529	-0.421	-0.502
2251	22.50	-0.765	-1.077	-1.407	-1.657	-1.786	-1.797	-1.715	-1.563	-1.346	-1.042
2261	22.60	-0.622	-0.079	0.557	1.210	1.782	2.178	2.341	2.263	1.980	1.552
2271	22.70	1.031	0.452	-0.172	-0.834	-1.513	-2.167	-2.735	-3.157	-3.396	-3.453
2281	22.80	-3.363	-3.182	-2.966	-2.745	-2.526	-2.300	-2.057	-1.807	-1.578	-1.408
2291	22.90	-1.326	-1.332	-1.390	-1.432	-1.376	-1.155	-0.729	-0.098	0.702	1.611
2301	23.00	2.559	3.474	4.290	4.948	5.402	5.619	5.584	5.304	4.812	4.156
2311	23.10	3.399	2.607	1.842	1.158	0.598	0.189	-0.055	-0.138	-0.079	0.093
2321	23.20	0.342	0.632	0.929	1.204	1.428	1.574	1.616	1.531	1.312	0.971
2331	23.30	0.538	0.057	-0.432	-0.899	-1.334	-1.744	-2.140	-2.524	-2.876	-3.162
2341	23.40	-3.344	-3.398	-3.331	-3.178	-2.990	-2.816	-2.678	-2.567	-2.454	-2.310
2351	23.50	-2.132	-1.952	-1.828	-1.823	-1.967	-2.243	-2.583	-2.889	-3.073	-3.088
2361	23.60	-2.945	-2.706	-2.456	-2.264	-2.163	-2.140	-2.158	-2.178	-2.190	-2.218
2371	23.70	-2.308	-2.499	-2.797	-3.161	-3.505	-3.723	-3.728	-3.476	-2.972	-2.268
2381	23.80	-1.430	-0.518	0.434	1.413	2.413	3.419	4.391	5.264	5.965	6.434
2391	23.90	6.645	6.613	6.389	6.045	5.655	5.276	4.947	4.688	4.509	4.413
2401	24.00	4.398	4.454	4.558	4.677	4.774	4.824	4.816	4.762	4.681	4.587
2411	24.10	4.472	4.299	4.013	3.558	2.911	2.095	1.183	0.281	-0.503	-1.092
2421	24.20	-1.455	-1.613	-1.616	-1.522	-1.373	-1.187	-0.965	-0.705	-0.420	-0.135
2431	24.30	0.113	0.297	0.408	0.464	0.501	0.562	0.677	0.863	1.123	1.462
2441	24.40	1.894	2.438	3.114	3.916	4.803	5.696	6.489	7.084	7.413	7.464
2451	24.50	7.276	6.927	6.507	6.091	5.727	5.435	5.219	5.073	4.991	4.964
2461	24.60	4.979	5.012	5.031	5.007	4.923	4.781	4.601	4.413	4.242	4.103
2471	24.70	3.992	3.894	3.790	3.666	3.513	3.326	3.097	2.815	2.469	2.053
2481	24.80	1.575	1.058	0.535	0.032	-0.437	-0.882	-1.332	-1.823	-2.392	-3.061
2491	24.90	-3.846	-4.754	-5.793	-6.967	-8.272	-9.678	-11.119	-12.499	-13.703	-14.627

Table 7-42-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-15.212	-15.452	-15.401	-15.146	-14.774	-14.342	-13.863	-13.311	-12.644	-11.835
2511	25.10	-10.891	-9.857	-8.801	-7.784	-6.833	-5.929	-5.010	-3.999	-2.836	-1.507
2521	25.20	-0.054	1.430	2.837	4.074	5.094	5.905	6.558	7.117	7.617	8.042
2531	25.30	8.320	8.336	7.979	7.177	5.925	4.291	2.389	0.344	-1.748	-3.836
2541	25.40	-5.911	-7.982	-10.039	-12.033	-13.878	-15.470	-16.726	-17.613	-18.155	-18.423
2551	25.50	-18.491	-18.401	-18.130	-17.596	-16.681	-15.278	-13.333	-10.871	-7.997	-4.871
2561	25.60	-1.671	1.438	4.326	6.904	9.116	10.925	12.307	13.250	13.761	13.865
2571	25.70	13.609	13.053	12.250	11.238	10.028	8.611	6.975	5.126	3.104	0.991
2581	25.80	-1.100	-3.049	-4.759	-6.172	-7.276	-8.087	-8.623	-8.872	-8.781	-8.267
2591	25.90	-7.248	-5.691	-3.640	-1.235	1.320	3.804	6.036	7.920	9.460	10.728
2601	26.00	11.825	12.827	13.761	14.603	15.308	15.846	16.224	16.485	16.674	16.799
2611	26.10	16.803	16.561	15.916	14.736	12.967	10.665	7.992	5.175	2.446	-0.005
2621	26.20	-2.065	-3.697	-4.921	-5.786	-6.347	-6.657	-6.765	-6.726	-6.600	-6.447
2631	26.30	-6.311	-6.212	-6.141	-6.065	-5.941	-5.728	-5.404	-4.962	-4.411	-3.768
2641	26.40	-3.056	-2.293	-1.497	-0.678	0.157	1.013	1.901	2.832	3.813	4.833
2651	26.50	5.865	6.866	7.791	8.606	9.298	9.879	10.374	10.804	11.173	11.459
2661	26.60	11.617	11.590	11.332	10.818	10.053	9.067	7.908	6.625	5.262	3.852
2671	26.70	2.418	0.975	-0.463	-1.885	-3.274	-4.613	-5.876	-7.034	-8.051	-8.887
2681	26.80	-9.502	-9.860	-9.938	-9.722	-9.217	-8.443	-7.436	-6.244	-4.926	-3.542
2691	26.90	-2.150	-0.801	0.464	1.609	2.597	3.381	3.905	4.112	3.960	3.445
2701	27.00	2.612	1.560	0.426	-0.650	-1.553	-2.220	-2.656	-2.917	-3.091	-3.269
2711	27.10	-3.518	-3.880	-4.364	-4.965	-5.664	-6.433	-7.231	-7.995	-8.645	-9.084
2721	27.20	-9.225	-9.006	-8.407	-7.463	-6.251	-4.883	-3.485	-2.188	-1.113	-0.363
2731	27.30	-0.016	-0.116	-0.656	-1.576	-2.759	-4.052	-5.281	-6.289	-6.949	-7.184
2741	27.40	-6.956	-6.267	-5.141	-3.623	-1.784	0.272	2.405	4.445	6.218	7.573
2751	27.50	8.411	8.702	8.478	7.818	6.818	5.567	4.140	2.607	1.046	-0.444
2761	27.60	-1.746	-2.744	-3.354	-3.551	-3.382	-2.953	-2.396	-1.830	-1.327	-0.907
2771	27.70	-0.555	-0.251	-0.004	0.136	0.086	-0.230	-0.845	-1.711	-2.705	-3.648
2781	27.80	-4.358	-4.699	-4.610	-4.117	-3.301	-2.263	-1.089	0.167	1.475	2.808
2791	27.90	4.113	5.297	6.237	6.805	6.911	6.532	5.724	4.610	3.347	2.091
2801	28.00	0.969	0.064	-0.579	-0.941	-1.012	-0.791	-0.294	0.439	1.326	2.255
2811	28.10	3.101	3.751	4.137	4.248	4.128	3.853	3.507	3.156	2.833	2.551
2821	28.20	2.312	2.127	2.028	2.052	2.234	2.576	3.046	3.574	4.072	4.466
2831	28.30	4.711	4.808	4.786	4.688	4.544	4.357	4.106	3.755	3.279	2.679
2841	28.40	1.981	1.227	0.459	-0.305	-1.072	-1.865	-2.705	-3.587	-4.469	-5.277
2851	28.50	-5.928	-6.353	-6.524	-6.461	-6.221	-5.870	-5.461	-5.010	-4.501	-3.900
2861	28.60	-3.186	-2.372	-1.516	-0.706	-0.034	0.433	0.673	0.714	0.610	0.416
2871	28.70	0.157	-0.174	-0.610	-1.178	-1.874	-2.643	-3.390	-4.006	-4.409	-4.576
2881	28.80	-4.548	-4.416	-4.279	-4.209	-4.222	-4.282	-4.331	-4.322	-4.247	-4.148
2891	28.90	-4.091	-4.135	-4.301	-4.560	-4.845	-5.095	-5.282	-5.435	-5.628	-5.947
2901	29.00	-6.437	-7.076	-7.763	-8.348	-8.678	-8.648	-8.229	-7.467	-6.449	-5.264
2911	29.10	-3.966	-2.559	-1.011	0.712	2.617	4.664	6.767	8.824	10.739	12.452
2921	29.20	13.941	15.215	16.283	17.134	17.723	17.981	17.837	17.252	16.238	14.873
2931	29.30	13.279	11.599	9.957	8.438	7.084	5.910	4.939	4.224	3.865	3.982
2941	29.40	4.678	5.989	7.865	10.071	12.421	14.648	16.564	18.089	19.248	20.128
2951	29.50	20.807	21.297	21.514	21.307	20.515	19.049	16.942	14.353	11.528	8.722
2961	29.60	6.120	3.791	1.695	-0.282	-2.263	-4.327	-6.483	-8.685	-10.854	-12.918
2971	29.70	-14.823	-16.533	-18.014	-19.221	-20.094	-20.578	-20.640	-20.290	-19.581	-18.590
2981	29.80	-17.398	-16.066	-14.640	-13.158	-11.681	-10.305	-9.153	-8.348	-7.970	-8.021
2991	29.90	-8.412	-8.985	-9.564	-10.002	-10.223	-10.232	-10.084	-9.849	-9.566	-9.226

Table 7-42-7

TABLE OF CORRECTED ACCELERATION RECORD

NO. 7

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-8.785	-8.193	-7.435	-6.555	-5.657	-4.876	-4.343	-4.147	-4.319	-4.840
3011	30.10	-5.666	-6.751	-8.064	-9.583	-11.278	-13.082	-14.886	-16.547	-17.914	-18.876
3021	30.20	-19.383	-19.460	-19.180	-18.621	-17.824	-16.762	-15.355	-13.508	-11.176	-8.412
3031	30.30	-5.389	-2.376	0.326	2.467	3.910	4.668	4.884	4.769	4.537	4.332
3041	30.40	4.204	4.121	4.003	3.782	3.433	2.992	2.536	2.150	1.890	1.763
3051	30.50	1.725	1.705	1.641	1.508	1.341	1.234	1.318	1.732	2.582	3.919
3061	30.60	5.717	7.882	10.263	12.681	14.959	16.946	18.523	19.627	20.231	20.353
3071	30.70	20.048	19.410	18.566	17.663	16.850	16.246	15.922	15.878	16.056	16.356
3081	30.80	16.667	16.900	16.997	16.926	16.667	16.161	15.411	14.286	12.762	10.851
3091	30.90	8.655	6.362	4.213	2.446	1.238	0.660	0.670	1.136	1.885	2.747
3101	31.00	3.595	4.351	4.975	5.440	5.711	5.744	5.492	4.932	4.088	3.033
3111	31.10	1.884	0.775	-0.176	-0.892	-1.351	-1.574	-1.604	-1.481	-1.218	-0.797
3121	31.20	-0.180	0.671	1.767	3.077	4.527	6.014	7.428	8.672	9.671	10.365
3131	31.30	10.696	10.593	9.970	8.743	6.866	4.362	1.352	-1.957	-5.298	-8.404
3141	31.40	-11.062	-13.156	-14.671	-15.674	-16.272	-16.573	-16.658	-16.580	-16.374	-16.079
3151	31.50	-15.746	-15.433	-15.193	-15.052	-15.008	-15.034	-15.096	-15.170	-15.248	-15.331
3161	31.60	-15.414	-15.464	-15.425	-15.228	-14.822	-14.200	-13.410	-12.544	-11.702	-10.960
3171	31.70	-10.334	-9.779	-9.207	-8.528	-7.677	-6.641	-5.454	-4.179	-2.882	-1.621
3181	31.80	-0.437	0.632	1.548	2.264	2.735	2.938	2.883	2.618	2.221	1.774
3191	31.90	1.346	0.976	0.683	0.478	0.386	0.459	0.769	1.388	2.358	3.668
3201	32.00	5.248	6.982	8.732	10.371	11.806	12.972	13.852	14.433	14.702	14.636
3211	32.10	14.206	13.385	12.167	10.579	8.687	6.590	4.415	2.296	0.357	-1.299
3221	32.20	-2.605	-3.535	-4.102	-4.358	-4.373	-4.233	-4.011	-3.764	-3.519	-3.275
3231	32.30	-3.009	-2.687	-2.281	-1.779	-1.186	-0.523	0.186	0.920	1.671	2.438
3241	32.40	3.213	3.973	4.671	5.238	5.606	5.729	5.602	5.278	4.849	4.428
3251	32.50	4.111	3.957	3.977	4.143	4.404	4.702	4.986	5.201	5.282	5.148
3261	32.60	4.707	3.885	2.653	1.046	-0.823	-2.794	-4.685	-6.335	-7.625	-8.480
3271	32.70	-8.854	-8.711	-8.022	-6.767	-4.963	-2.685	-0.076	2.670	5.347	7.772
3281	32.80	9.819	11.421	12.557	13.220	13.396	13.063	12.208	10.850	9.062	6.963
3291	32.90	4.699	2.407	0.188	-1.905	-3.850	-5.640	-7.255	-8.663	-9.830	-10.745
3301	33.00	-11.436	-11.972	-12.442	-12.927	-13.471	-14.076	-14.710	-15.325	-15.879	-16.339
3311	33.10	-16.675	-16.841	-16.766	-16.362	-15.546	-14.277	-12.583	-10.561	-8.363	-6.155
3321	33.20	-4.078	-2.222	-0.616	0.753	1.915	2.887	3.654	4.160	4.315	4.008
3331	33.30	3.133	1.624	-0.520	-3.213	-6.278	-9.474	-12.539	-15.252	-17.473	-19.161
3341	33.40	-20.354	-21.123	-21.516	-21.536	-21.141	-20.289	-18.989	-17.332	-15.474	-13.579
3351	33.50	-11.740	-9.922	-7.948	-5.565	-2.541	1.222	5.629	10.399	15.146	19.497
3361	33.60	23.195	26.147	28.400	30.055	31.181	31.745	31.622	30.658	28.763	26.001
3371	33.70	22.617	18.999	15.587	12.758	10.732	9.535	9.027	8.970	9.126	9.325
3381	33.80	9.503	9.685	9.941	10.336	10.884	11.550	12.270	12.991	13.700	14.439
3391	33.90	15.284	16.303	17.515	18.868	20.241	21.477	22.424	22.969	23.049	22.631
3401	34.00	21.692	20.192	18.084	15.343	12.013	8.245	4.297	0.494	-2.847	-5.491
3411	34.10	-7.346	-8.463	-8.998	-9.144	-9.062	-8.846	-8.523	-8.089	-7.555	-6.967
3421	34.20	-6.414	-5.993	-5.772	-5.760	-5.902	-6.097	-6.230	-6.211	-5.998	-5.602
3431	34.30	-5.083	-4.541	-4.103	-3.912	-4.115	-4.839	-6.166	-8.110	-10.595	-13.461
3441	34.40	-16.481	-19.385	-21.898	-23.768	-24.785	-24.799	-23.746	-21.658	-18.687	-15.094
3451	34.50	-11.230	-7.476	-4.180	-1.589	0.192	1.197	1.564	1.477	1.102	0.554
3461	34.60	-0.112	-0.872	-1.703	-2.554	-3.341	-3.968	-4.362	-4.500	-4.428	-4.243
3471	34.70	-4.066	-4.003	-4.114	-4.408	-4.860	-5.434	-6.112	-6.914	-7.881	-9.055
3481	34.80	-10.443	-11.991	-13.584	-15.068	-16.291	-17.145	-17.593	-17.664	-17.426	-16.942
3491	34.90	-16.234	-15.274	-13.998	-12.351	-10.326	-7.989	-5.469	-2.919	-0.469	1.815

Table 7-42-8

TABLE OF CORRECTED ACCELERATION RECORD

NO. 8

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	3.937	5.952	7.921	9.873	11.791	13.620	15.295	16.774	18.049	19.131
3511	35.10	20.022	20.683	21.022	20.915	20.244	18.939	17.008	14.537	11.668	8.563
3521	35.20	5.384	2.276	-0.622	-3.175	-5.251	-6.740	-7.587	-7.808	-7.492	-6.773
3531	35.30	-5.780	-4.599	-3.243	-1.666	0.200	2.396	4.908	7.654	10.510	13.340
3541	35.40	16.033	18.506	20.699	22.549	23.974	24.872	25.138	24.686	23.470	21.496
3551	35.50	18.820	15.533	11.765	7.676	3.463	-0.645	-4.416	-7.644	-10.190	-12.006
3561	35.60	-13.125	-13.629	-13.599	-13.079	-12.062	-10.521	-8.454	-5.941	-3.152	-0.333
3571	35.70	2.255	4.407	6.017	7.091	7.705	7.957	7.908	7.570	6.918	5.942
3581	35.80	4.688	3.275	1.877	0.675	-0.208	-0.741	-0.994	-1.103	-1.216	-1.447
3591	35.90	-1.846	-2.403	-3.071	-3.796	-4.542	-5.286	-6.009	-6.676	-7.229	-7.594
3601	36.00	-7.705	-7.528	-7.077	-6.416	-5.639	-4.844	-4.111	-3.487	-2.997	-2.651
3611	36.10	-2.464	-2.462	-2.677	-3.139	-3.852	-4.791	-5.897	-7.089	-8.276	-9.371
3621	36.20	-10.301	-11.011	-11.469	-11.663	-11.611	-11.359	-10.979	-10.554	-10.155	-9.822
3631	36.30	-9.546	-9.277	-8.945	-8.493	-7.908	-7.230	-6.538	-5.914	-5.400	-4.967
3641	36.40	-4.517	-3.912	-3.031	-1.814	-0.295	1.407	3.125	4.693	5.992	6.963
3651	36.50	7.595	7.898	7.869	7.484	6.710	5.537	4.011	2.249	0.425	-1.260
3661	36.60	-2.624	-3.541	-3.956	-3.869	-3.318	-2.349	-1.009	0.651	2.563	4.621
3671	36.70	6.683	8.590	10.197	11.407	12.197	12.622	12.791	12.834	12.863	12.946
3681	36.80	13.093	13.269	13.412	13.456	13.342	13.019	12.438	11.536	10.239	8.479
3691	36.90	6.213	3.462	0.334	-2.982	-6.238	-9.183	-11.615	-13.422	-14.597	-15.212
3701	37.00	-15.371	-15.161	-14.623	-13.749	-12.515	-10.922	-9.023	-6.931	-4.788	-2.724
3711	37.10	-0.813	0.943	2.590	4.190	5.770	7.304	8.711	9.893	10.773	11.320
3721	37.20	11.551	11.507	11.215	10.673	9.851	8.721	7.296	5.661	3.961	2.372
3731	37.30	1.046	0.062	-0.587	-0.984	-1.237	-1.440	-1.640	-1.842	-2.030	-2.203
3741	37.40	-2.394	-2.663	-3.075	-3.656	-4.380	-5.162	-5.884	-6.433	-6.728	-6.736
3751	37.50	-6.464	-5.937	-5.179	-4.211	-3.059	-1.772	-0.437	0.824	1.870	2.574
3761	37.60	2.845	2.651	2.020	1.024	-0.231	-1.628	-3.044	-4.364	-5.486	-6.337
3771	37.70	-6.881	-7.135	-7.157	-7.032	-6.846	-6.653	-6.465	-6.251	-5.959	-5.541
3781	37.80	-4.978	-4.288	-3.522	-2.735	-1.973	-1.251	-0.558	0.136	0.859	1.625
3791	37.90	2.425	3.232	4.008	4.713	5.316	5.791	6.128	6.329	6.407	6.392
3801	38.00	6.324	6.246	6.198	6.201	6.262	6.370	6.510	6.672	6.858	7.078
3811	38.10	7.341	7.647	7.970	8.265	8.473	8.540	8.434	8.153	7.725	7.196
3821	38.20	6.612	6.005	5.385	4.747	4.076	3.364	2.616	1.851	1.095	0.368
3831	38.30	-0.328	-1.013	-1.724	-2.500	-3.366	-4.315	-5.301	-6.241	-7.030	-7.560
3841	38.40	-7.746	-7.540	-6.941	-5.996	-4.784	-3.404	-1.959	-0.547	0.746	1.846
3851	38.50	2.690	3.224	3.410	3.230	2.689	1.826	0.712	-0.552	-1.850	-3.065
3861	38.60	-4.095	-4.873	-5.374	-5.616	-5.652	-5.569	-5.368	-5.148	-4.896	-4.592
3871	38.70	-4.207	-3.716	-3.122	-2.453	-1.760	-1.097	-0.507	-0.007	0.414	0.782
3881	38.80	1.124	1.455	1.774	2.065	2.313	2.512	2.671	2.814	2.961	3.120
3891	38.90	3.275	3.382	3.379	3.197	2.782	2.104	1.176	0.049	-1.188	-2.419
3901	39.00	-3.526	-4.405	-4.993	-5.275	-5.287	-5.097	-4.787	-4.425	-4.051	-3.683
3911	39.10	-3.329	-3.006	-2.751	-2.615	-2.638	-2.825	-3.120	-3.414	-3.570	-3.469
3921	39.20	-3.054	-2.353	-1.467	-0.535	0.312	0.993	1.476	1.767	1.871	1.764
3931	39.30	1.392	0.698	-0.342	-1.681	-3.190	-4.695	-6.021	-7.053	-7.767	-8.221
3941	39.40	-8.520	-8.755	-8.965	-9.122	-9.159	-9.011	-8.662	-8.156	-7.587	-7.056
3951	39.50	-6.636	-6.337	-6.119	-5.912	-5.652	-5.301	-4.846	-4.280	-3.570	-2.649
3961	39.60	-1.420	0.210	2.285	4.767	7.528	10.368	13.058	15.392	17.224	18.488
3971	39.70	19.187	19.372	19.115	18.486	17.548	16.359	14.984	13.504	12.018	10.634
3981	39.80	9.447	8.519	7.860	7.416	7.081	6.718	6.195	5.420	4.365	3.069
3991	39.90	1.623	0.135	-1.302	-2.632	-3.841	-4.936	-5.923	-6.784	-7.675	-7.941

Table 7-42-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-8.138	-8.057	-7.732	-7.228	-6.615	-5.943	-5.227	-4.455	-3.614	-2.718
4011	40.10	-1.824	-1.022	-0.415	-0.078	-0.030	-0.221	-0.554	-0.910	-1.187	-1.323
4021	40.20	-1.302	-1.139	-0.663	-0.506	-0.099	0.323	0.706	0.977	1.057	0.878
4031	40.30	0.413	-0.316	-1.233	-2.226	-3.178	-3.991	-4.607	-5.004	-5.192	-5.197
4041	40.40	-5.039	-4.731	-4.268	-3.640	-2.829	-1.827	-0.635	0.724	2.203	3.733
4051	40.50	5.229	6.603	7.782	8.722	9.414	9.875	10.123	10.159	9.947	9.412
4061	40.60	8.463	7.020	5.059	2.626	-0.156	-3.109	-6.035	-8.755	-11.122	-13.032
4071	40.70	-14.407	-15.180	-15.288	-14.683	-13.355	-11.360	-8.835	-5.993	-3.087	-0.368
4081	40.80	1.960	3.771	5.016	5.712	5.906	5.666	5.066	4.198	3.178	2.149
4091	40.90	1.260	0.634	0.335	0.344	0.566	0.863	1.100	1.185	1.092	0.845
4101	41.00	0.489	0.053	-0.469	-1.110	-1.900	-2.831	-3.838	-4.802	-5.587	-6.087
4111	41.10	-6.261	-6.140	-5.807	-5.358	-4.858	-4.335	-3.783	-3.200	-2.615	-2.096
4121	41.20	-1.728	-1.570	-1.611	-1.750	-1.814	-1.614	-1.005	0.057	1.507	3.191
4131	41.30	4.923	6.544	7.952	9.117	10.049	10.770	11.290	11.602	11.699	11.596
4141	41.40	11.343	11.026	10.734	10.540	10.471	10.508	10.598	10.676	10.689	10.598
4151	41.50	10.381	10.017	9.483	8.755	7.823	6.703	5.446	4.130	2.845	1.671
4161	41.60	0.667	-0.132	-0.702	-1.013	-1.032	-0.727	-0.089	0.850	2.002	3.246
4171	41.70	4.450	5.508	6.363	7.006	7.452	7.705	7.734	7.468	6.822	5.742
4181	41.80	4.249	2.459	0.565	-1.202	-2.645	-3.639	-4.165	-4.292	-4.135	-3.817
4191	41.90	-3.425	-3.004	-2.569	-2.130	-1.713	-1.369	-1.165	-1.157	-1.378	-1.816
4201	42.00	-2.427	-3.145	-3.898	-4.625	-5.275	-5.809	-6.196	-6.415	-6.462	-6.359
4211	42.10	-6.156	-5.924	-5.743	-5.678	-5.770	-6.029	-6.446	-7.004	-7.696	-8.522
4221	42.20	-9.482	-10.554	-11.684	-12.782	-13.735	-14.440	-14.831	-14.896	-14.678	-14.252
4231	42.30	-13.699	-13.083	-12.436	-11.773	-11.110	-10.476	-9.926	-9.517	-9.288	-9.232
4241	42.40	-9.283	-9.336	-9.274	-9.009	-8.511	-7.819	-7.017	-6.203	-5.447	-4.773
4251	42.50	-4.158	-3.554	-2.916	-2.233	-1.532	-0.872	-0.316	0.087	0.318	0.392
4261	42.60	0.336	0.181	-0.054	-0.359	-0.727	-1.141	-1.559	-1.922	-2.161	-2.208
4271	42.70	-2.017	-1.568	-0.864	0.070	1.198	2.472	3.838	5.223	6.546	7.716
4281	42.80	8.646	9.275	9.573	9.557	9.282	8.833	8.307	7.798	7.391	7.152
4291	42.90	7.134	7.370	7.868	8.603	9.508	10.468	11.333	11.933	12.119	11.750
4301	43.00	10.808	9.320	7.396	5.203	2.933	0.772	-1.120	-2.630	-3.688	-4.268
4311	43.10	-4.381	-4.063	-3.377	-2.401	-1.228	0.044	1.320	2.516	3.571	4.447
4321	43.20	5.131	5.629	5.960	6.143	6.198	6.136	5.967	5.699	5.337	4.889
4331	43.30	4.365	3.774	3.126	2.433	1.713	0.992	0.305	-0.307	-0.804	-1.158
4341	43.40	-1.359	-1.425	-1.394	-1.317	-1.241	-1.196	-1.181	-1.164	-1.092	-0.900
4351	43.50	-0.535	0.036	0.819	1.794	2.924	4.167	5.472	6.790	8.063	9.229
4361	43.60	10.221	10.976	11.446	11.604	11.453	11.019	10.342	9.468	8.441	7.296
4371	43.70	6.069	4.800	3.534	2.318	1.195	0.186	-0.716	-1.566	-2.356	-3.202
4381	43.80	-4.117	-5.106	-6.139	-7.157	-8.089	-8.867	-9.437	-9.765	-9.836	-9.652
4391	43.90	-9.228	-8.592	-7.783	-6.854	-5.865	-4.880	-3.956	-3.140	-2.456	-1.916
4401	44.00	-1.514	-1.237	-1.068	-0.988	-0.974	-0.998	-1.025	-1.020	-0.952	-0.805
4411	44.10	-0.585	-0.324	-0.074	0.103	0.149	0.029	-0.264	-0.703	-1.239	-1.811
4421	44.20	-2.368	-2.869	-3.289	-3.613	-3.817	-3.869	-3.724	-3.337	-2.683	-1.776
4431	44.30	-0.679	0.503	1.643	2.625	3.372	3.863	4.125	4.219	4.206	4.125
4441	44.40	3.979	3.746	3.392	2.895	2.260	1.516	0.710	-0.113	-0.920	-1.693
4451	44.50	-2.422	-3.100	-3.707	-4.217	-4.603	-4.851	-4.968	-4.984	-4.940	-4.877
4461	44.60	-4.818	-4.768	-4.717	-4.652	-4.567	-4.469	-4.369	-4.273	-4.166	-4.010
4471	44.70	-3.749	-3.329	-2.721	-1.931	-1.006	-0.021	0.940	1.807	2.534	3.102
4481	44.80	3.509	3.761	3.863	3.816	3.628	3.324	2.947	2.565	2.246	2.052
4491	44.90	2.015	2.135	2.384	2.715	3.083	3.451	3.798	4.105	4.347	4.488

Table 7-42-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	4.475	4.259	3.806	3.123	2.262	1.314	0.389	-0.412	-1.023	-1.428
4511	45.10	-1.654	-1.752	-1.776	-1.761	-1.716	-1.636	-1.522	-1.402	-1.340	-1.428
4521	45.20	-1.761	-2.403	-3.366	-4.583	-5.944	-7.299	-8.509	-9.467	-10.114	-10.433
4531	45.30	-10.425	-10.089	-9.410	-8.363	-6.935	-5.149	-3.086	-0.889	1.260	3.172
4541	45.40	4.692	5.733	6.287	6.412	6.212	5.797	5.263	4.671	4.059	3.445
4551	45.50	2.852	2.310	1.858	1.534	1.363	1.341	1.439	1.606	1.781	1.915
4561	45.60	1.974	1.949	1.850	1.697	1.508	1.293	1.053	0.780	0.465	0.107
4571	45.70	-0.278	-0.667	-1.025	-1.322	-1.537	-1.667	-1.726	-1.735	-1.716	-1.682
4581	45.80	-1.632	-1.558	-1.455	-1.324	-1.185	-1.062	-0.974	-0.921	-0.872	-0.774
4591	45.90	-0.564	-0.201	0.316	0.936	1.569	2.110	2.472	2.613	2.542	2.306
4601	46.00	1.958	1.534	1.031	0.416	-0.353	-1.295	-2.385	-3.545	-4.657	-5.595
4611	46.10	-6.250	-6.556	-6.493	-6.079	-5.352	-4.359	-3.145	-1.757	-0.246	1.326
4621	46.20	2.887	4.364	5.688	6.804	7.669	8.256	8.544	8.521	8.185	7.553
4631	46.30	6.663	5.578	4.383	3.175	2.050	1.092	0.362	-0.108	-0.316	-0.288
4641	46.40	-0.070	0.285	0.726	1.222	1.769	2.387	3.108	3.959	4.943	6.024
4651	46.50	7.135	8.190	9.112	9.848	10.385	10.732	10.902	10.888	10.641	10.074
4661	46.60	9.087	7.594	5.570	3.066	0.217	-2.779	-5.699	-8.338	-10.542	-12.232
4671	46.70	-13.404	-14.111	-14.434	-14.456	-14.235	-13.795	-13.135	-12.242	-11.115	-9.777
4681	46.80	-8.283	-6.712	-5.145	-3.652	-2.278	-1.063	0.051	0.997	1.783	2.383
4691	46.90	2.767	2.916	2.829	2.521	2.018	1.342	0.504	-0.491	-1.630	-2.879
4701	47.00	-4.168	-5.396	-6.455	-7.256	-7.753	-7.948	-7.884	-7.618	-7.197	-6.640
4711	47.10	-5.943	-5.097	-4.104	-2.992	-1.807	-0.599	0.596	1.769	2.929	4.086
4721	47.20	5.232	6.334	7.338	8.192	8.874	9.400	9.820	10.195	10.571	10.952
4731	47.30	11.309	11.595	11.776	11.849	11.846	11.816	11.788	11.753	11.653	11.404
4741	47.40	10.925	10.174	9.169	7.978	6.696	5.407	4.164	2.984	1.857	0.771
4751	47.50	-0.272	-1.255	-2.155	-2.965	-3.707	-4.423	-5.165	-5.965	-6.818	-7.675
4761	47.60	-8.464	-9.118	-9.597	-9.908	-10.095	-10.215	-10.313	-10.398	-10.438	-10.379
4771	47.70	-10.168	-9.776	-9.215	-8.530	-7.785	-7.040	-6.331	-5.672	-5.052	-4.454
4781	47.80	-3.869	-3.297	-2.747	-2.229	-1.741	-1.268	-0.789	-0.283	0.254	0.804
4791	47.90	1.328	1.780	2.122	2.335	2.428	2.429	2.377	2.305	2.235	2.176
4801	48.00	2.130	2.106	2.120	2.209	2.406	2.737	3.208	3.801	4.475	5.180
4811	48.10	5.863	6.481	6.996	7.374	7.579	7.568	7.299	6.735	5.863	4.695
4821	48.20	3.282	1.697	0.036	-1.602	-3.125	-4.456	-5.537	-6.335	-6.840	-7.067
4831	48.30	-7.059	-6.875	-6.588	-6.266	-5.964	-5.710	-5.503	-5.313	-5.096	-4.807
4841	48.40	-4.410	-3.894	-3.270	-2.570	-1.839	-1.124	-0.471	0.079	0.490	0.727
4851	48.50	0.757	0.553	0.108	-0.556	-1.378	-2.261	-3.086	-3.739	-4.138	-4.256
4861	48.60	-4.125	-3.826	-3.455	-3.093	-2.782	-2.516	-2.254	-1.946	-1.563	-1.105
4871	48.70	-0.600	-0.087	0.415	0.916	1.462	2.113	2.913	3.866	4.922	5.986
4881	48.80	6.946	7.699	8.179	8.362	8.259	7.902	7.322	6.552	5.623	4.587
4891	48.90	3.518	2.515	1.681	1.104	0.822	0.816	1.010	1.296	1.564	1.740
4901	49.00	1.795	1.751	1.659	1.576	1.542	1.566	1.633	1.716	1.794	1.863
4911	49.10	1.937	2.038	2.184	2.378	2.600	2.820	3.002	3.117	3.145	3.070
4921	49.20	2.871	2.517	1.968	1.193	0.187	-1.009	-2.303	-3.566	-4.664	-5.491
4931	49.30	-6.003	-6.219	-6.211	-6.070	-5.870	-5.647	-5.397	-5.089	-4.700	-4.230
4941	49.40	-3.717	-3.214	-2.773	-2.419	-2.135	-1.874	-1.583	-1.221	-0.781	-0.289
4951	49.50	0.211	0.682	1.104	1.482	1.829	2.150	2.432	2.636	2.717	2.640
4961	49.60	2.401	2.033	1.593	1.147	0.747	0.414	0.149	-0.064	-0.230	-0.340
4971	49.70	-0.366	-0.276	-0.045	0.327	0.818	1.389	2.000	2.621	3.237	3.845
4981	49.80	4.440	5.010	5.534	5.984	6.338	6.583	6.718	6.739	6.626	6.344
4991	49.90	5.835	5.051	3.969	2.620	1.094	-0.472	-1.931	-3.162	-4.103	-4.766

Table 7-42-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-5.219	-5.558	-5.868	-6.196	-6.543	-6.878	-7.161	-7.364	-7.479	-7.515
5011	50.10	-7.473	-7.330	-7.036	-6.522	-5.728	-4.632	-3.267	-1.723	-0.122	1.411
5021	50.20	2.776	3.914	4.802	5.434	5.806	5.903	5.706	5.208	4.435	3.460
5031	50.30	2.389	1.345	0.438	-0.265	-0.742	-1.015	-1.128	-1.125	-1.038	-0.887
5041	50.40	-0.687	-0.462	-0.266	-0.084	-0.013	-0.052	-0.194	-0.409	-0.659	-0.911
5051	50.50	-1.148	-1.372	-1.592	-1.814	-2.027	-2.208	-2.325	-2.351	-2.270	-2.084
5061	50.60	-1.805	-1.447	-1.024	-0.540	-0.006	0.560	1.129	1.660	2.113	2.462
5071	50.70	2.706	2.865	2.975	3.073	3.182	3.306	3.432	3.542	3.617	3.651
5081	50.80	3.641	3.586	3.471	3.272	2.952	2.478	1.832	1.021	0.086	-0.912
5091	50.90	-1.900	-2.805	-3.571	-4.164	-4.571	-4.804	-4.888	-4.862	-4.767	-4.641
5101	51.00	-4.509	-4.383	-4.255	-4.108	-3.926	-3.697	-3.431	-3.148	-2.877	-2.639
5111	51.10	-2.441	-2.272	-2.109	-1.929	-1.724	-1.511	-1.326	-1.213	-1.210	-1.328
5121	51.20	-1.545	-1.815	-2.082	-2.296	-2.436	-2.504	-2.538	-2.585	-2.693	-2.897
5131	51.30	-3.213	-3.643	-4.174	-4.787	-5.460	-6.165	-6.869	-7.534	-8.115	-8.570
5141	51.40	-8.859	-8.950	-8.819	-8.450	-7.829	-6.953	-5.827	-4.477	-2.949	-1.309
5151	51.50	0.363	1.988	3.500	4.856	6.041	7.057	7.914	8.624	9.193	9.626
5161	51.60	9.936	10.140	10.267	10.336	10.351	10.285	10.083	9.677	9.014	8.086
5171	51.70	6.940	5.681	4.444	3.358	2.516	1.956	1.664	1.602	1.731	2.035
5181	51.80	2.520	3.201	4.077	5.108	6.213	7.289	8.236	8.987	9.521	9.857
5191	51.90	10.032	10.072	9.978	9.728	9.291	8.659	7.856	6.947	6.013	5.127
5201	52.00	4.328	3.613	2.948	2.294	1.629	0.969	0.357	-0.154	-0.520	-0.731
5211	52.10	-0.805	-0.780	-0.691	-0.562	-0.393	-0.179	0.084	0.381	0.682	0.949
5221	52.20	1.154	1.282	1.336	1.321	1.227	1.021	0.651	0.066	-0.750	-1.764
5231	52.30	-2.882	-3.974	-4.906	-5.584	-5.980	-6.134	-6.136	-6.085	-6.056	-6.082
5241	52.40	-6.152	-6.239	-6.316	-6.385	-6.471	-6.608	-6.821	-7.103	-7.414	-7.694
5251	52.50	-7.889	-7.968	-7.938	-7.837	-7.714	-7.607	-7.527	-7.463	-7.388	-7.283
5261	52.60	-7.144	-6.985	-6.826	-6.673	-6.512	-6.299	-5.986	-5.532	-4.931	-4.209
5271	52.70	-3.425	-2.636	-1.888	-1.190	-0.526	0.132	0.803	1.479	2.125	2.693
5281	52.80	3.145	3.467	3.681	3.829	3.959	4.101	4.258	4.410	4.528	4.593
5291	52.90	4.604	4.580	4.546	4.521	4.507	4.494	4.465	4.415	4.351	4.294
5301	53.00	4.262	4.257	4.260	4.232	4.133	3.943	3.675	3.372	3.090	2.874
5311	53.10	2.733	2.639	2.536	2.365	2.089	1.711	1.265	0.798	0.341	-0.101
5321	53.20	-0.559	-1.075	-1.677	-2.355	-3.055	-3.694	-4.185	-4.474	-4.556	-4.481
5331	53.30	-4.326	-4.172	-4.074	-4.048	-4.079	-4.136	-4.196	-4.254	-4.325	-4.427
5341	53.40	-4.572	-4.747	-4.924	-5.062	-5.132	-5.121	-5.031	-4.876	-4.662	-4.380
5351	53.50	-4.016	-3.556	-3.010	-2.419	-1.856	-1.398	-1.107	-0.999	-1.039	-1.151
5361	53.60	-1.239	-1.224	-1.054	-0.714	-0.213	0.435	1.226	2.156	3.219	4.384
5371	53.70	5.586	6.738	7.748	8.548	9.113	9.454	9.606	9.593	9.412	9.026
5381	53.80	8.389	7.479	6.325	5.021	3.701	2.501	1.518	0.778	0.239	-0.176
5391	53.90	-0.541	-0.890	-1.211	-1.456	-1.583	-1.578	-1.474	-1.334	-1.223	-1.176
5401	54.00	-1.183	-1.195	-1.155	-1.024	-0.807	-0.547	-0.307	-0.139	-0.059	-0.049
5411	54.10	-0.063	-0.053	0.004	0.104	0.217	0.304	0.327	0.268	0.115	-0.132
5421	54.20	-0.474	-0.908	-1.422	-1.990	-2.573	-3.128	-3.624	-4.051	-4.424	-4.771
5431	54.30	-5.109	-5.431	-5.698	-5.849	-5.827	-5.598	-5.171	-4.582	-3.881	-3.107
5441	54.40	-2.273	-1.372	-0.400	0.624	1.641	2.561	3.293	3.778	4.015	4.063
5451	54.50	4.015	3.959	3.944	3.962	3.964	3.896	3.732	3.498	3.270	3.137
5461	54.60	3.169	3.380	3.729	4.134	4.516	4.827	5.071	5.290	5.543	5.869
5471	54.70	6.270	6.706	7.122	7.468	7.728	7.919	8.084	8.267	8.492	8.748
5481	54.80	8.989	9.154	9.174	8.995	8.583	7.924	7.021	5.892	4.570	3.098
5491	54.90	1.533	-0.062	-1.622	-3.089	-4.416	-5.570	-6.530	-7.287	-7.844	-8.213

Table 7-42-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-8.418	-8.493	-8.478	-8.406	-8.299	-8.161	-7.984	-7.752	-7.456	-7.102
5511	55.10	-6.710	-6.310	-5.928	-5.576	-5.249	-4.924	-4.577	-4.187	-3.755	-3.295
5521	55.20	-2.839	-2.426	-2.093	-1.873	-1.788	-1.850	-2.058	-2.396	-2.833	-3.326
5531	55.30	-3.824	-4.284	-4.673	-4.974	-5.181	-5.291	-5.297	-5.185	-4.942	-4.563
5541	55.40	-4.065	-3.490	-2.894	-2.333	-1.839	-1.413	-1.026	-0.638	-0.218	0.235
5551	55.50	0.688	1.088	1.383	1.546	1.588	1.550	1.487	1.442	1.433	1.451
5561	55.60	1.474	1.483	1.480	1.484	1.520	1.594	1.685	1.737	1.681	1.455
5571	55.70	1.031	0.424	-0.311	-1.101	-1.881	-2.607	-3.262	-3.847	-4.360	-4.789
5581	55.80	-5.102	-5.266	-5.254	-5.069	-4.743	-4.335	-3.915	-3.542	-3.251	-3.047
5591	55.90	-2.904	-2.775	-2.601	-2.323	-1.894	-1.283	-0.491	0.457	1.501	2.569
5601	56.00	3.584	4.488	5.253	5.884	6.407	6.852	7.233	7.542	7.749	7.825
5611	56.10	7.761	7.585	7.364	7.179	7.105	7.180	7.392	7.683	7.976	8.201
5621	56.20	8.319	8.328	8.252	8.115	7.921	7.644	7.241	6.673	5.937	5.075
5631	56.30	4.180	3.362	2.722	2.319	2.152	2.170	2.295	2.453	2.597	2.711
5641	56.40	2.808	2.901	2.992	3.057	3.062	2.973	2.780	2.509	2.216	1.969
5651	56.50	1.829	1.825	1.948	2.159	2.405	2.638	2.832	2.981	3.097	3.191
5661	56.60	3.264	3.305	3.288	3.188	2.984	2.668	2.246	1.726	1.125	0.456
5671	56.70	-0.266	-1.017	-1.771	-2.499	-3.175	-3.785	-4.332	-4.827	-5.282	-5.696
5681	56.80	-6.047	-6.296	-6.402	-6.344	-6.132	-5.816	-5.469	-5.162	-4.937	-4.794
5691	56.90	-4.696	-4.587	-4.428	-4.219	-4.001	-3.843	-3.803	-3.903	-4.111	-4.353
5701	57.00	-4.549	-4.653	-4.680	-4.708	-4.854	-5.225	-5.877	-6.790	-7.878	-9.020
5711	57.10	-10.100	-11.046	-11.841	-12.507	-13.084	-13.598	-14.044	-14.399	-14.630	-14.722
5721	57.20	-14.686	-14.556	-14.369	-14.146	-13.875	-13.516	-13.010	-12.304	-11.371	-10.216
5731	57.30	-8.878	-7.412	-5.880	-4.338	-2.834	-1.403	-0.078	1.113	2.149	3.018
5741	57.40	3.720	4.263	4.666	4.954	5.151	5.285	5.389	5.500	5.658	5.900
5751	57.50	6.251	6.714	7.262	7.844	8.395	8.845	9.139	9.247	9.170	8.935
5761	57.60	8.586	8.168	7.716	7.249	6.764	6.259	5.724	5.171	4.631	4.150
5771	57.70	3.778	3.548	3.470	3.522	3.658	3.831	4.002	4.162	4.329	4.535
5781	57.80	4.811	5.171	5.600	6.059	6.499	6.875	7.164	7.360	7.477	7.531
5791	57.90	7.538	7.502	7.419	7.286	7.100	6.873	6.622	6.373	6.153	5.984
5801	58.00	5.879	5.839	5.855	5.905	5.962	5.997	5.989	5.924	5.799	5.611
5811	58.10	5.360	5.035	4.625	4.127	3.553	2.943	2.363	1.886	1.571	1.442
5821	58.20	1.477	1.612	1.769	1.882	1.920	1.895	1.841	1.795	1.766	1.725
5831	58.30	1.618	1.381	0.976	0.406	-0.289	-1.044	-1.797	-2.505	-3.152	-3.741
5841	58.40	-4.274	-4.746	-5.140	-5.443	-5.656	-5.804	-5.932	-6.086	-6.297	-6.562
5851	58.50	-6.850	-7.118	-7.331	-7.486	-7.608	-7.742	-7.930	-8.189	-8.501	-8.822
5861	58.60	-9.100	-9.295	-9.388	-9.383	-9.295	-9.139	-8.917	-8.620	-8.237	-7.758
5871	58.70	-7.184	-6.520	-5.775	-4.957	-4.073	-3.138	-2.183	-1.255	-0.411	0.293
5881	58.80	0.824	1.179	1.384	1.483	1.520	1.526	1.509	1.465	1.385	1.264
5891	58.90	1.105	0.914	0.687	0.408	0.050	-0.413	-0.986	-1.645	-2.336	-2.988
5901	59.00	-3.533	-3.925	-4.151	-4.221	-4.160	-3.984	-3.693	-3.276	-2.719	-2.027
5911	59.10	-1.229	-0.381	0.447	1.192	1.810	2.286	2.628	2.853	2.977	3.002
5921	59.20	2.924	2.736	2.443	2.067	1.653	1.253	0.920	0.692	0.583	0.583
5931	59.30	0.664	0.784	0.906	0.999	1.047	1.048	1.013	0.955	0.891	0.834
5941	59.40	0.791	0.767	0.763	0.783	0.836	0.931	1.080	1.294	1.582	1.944
5951	59.50	2.379	2.880	3.434	4.020	4.615	5.187	5.703	6.135	6.464	6.685
5961	59.60	6.814	6.878	6.912	6.951	7.019	7.130	7.282	7.461	7.649	7.822
5971	59.70	7.959	8.044	8.068	8.030	7.936	7.794	7.608	7.379	7.091	6.726
5981	59.80	6.264	5.695	5.031	4.305	3.565	2.861	2.230	1.678	1.185	0.711
5991	59.90	0.217	-0.324	-0.911	-1.519	-2.114	-2.666	-3.164	-3.621	-4.059	-4.502

Table 7-42-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-4.953	-5.393	-5.783	-6.078	-6.244	-6.276	-6.194	-6.043	-5.877	-5.744
6011	60.10	-5.678	-5.696	-5.807	-6.009	-6.297	-6.662	-7.084	-7.529	-7.948	-8.279
6021	60.20	-8.460	-8.444	-8.205	-7.748	-7.109	-6.350	-5.541	-4.754	-4.068	-3.658
6031	60.30	-2.997	-2.657	-2.414	-2.241	-2.109	-1.997	-1.886	-1.761	-1.605	-1.397
6041	60.40	-1.119	-0.760	-0.326	0.160	0.656	1.109	1.470	1.702	1.793	1.754
6051	60.50	1.611	1.403	1.165	0.927	0.708	0.517	0.357	0.227	0.125	0.068
6061	60.60	-0.009	-0.052	-0.088	-0.131	-0.199	-0.316	-0.506	-0.786	-1.157	-1.594
6071	60.70	-2.048	-2.451	-2.737	-2.856	-2.796	-2.580	-2.263	-1.905	-1.555	-1.231
6081	60.80	-0.928	-0.623	-0.302	0.029	0.336	0.572	0.692	0.681	0.557	0.372
6091	60.90	0.186	0.051	-0.008	-0.001	0.044	0.091	0.119	0.128	0.131	0.144
6101	61.00	0.173	0.207	0.219	0.182	0.077	-0.095	-0.318	-0.565	-0.811	-1.043
6111	61.10	-1.257	-1.460	-1.655	-1.841	-2.004	-2.123	-2.178	-2.153	-2.046	-1.863
6121	61.20	-1.621	-1.342	-1.048	-0.762	-0.499	-0.275	-0.097	0.030	0.103	0.124
6131	61.30	0.098	0.035	-0.043	-0.105	-0.109	-0.012	0.220	0.596	1.100	1.686
6141	61.40	2.291	2.856	3.339	3.729	4.038	4.291	4.509	4.698	4.839	4.907
6151	61.50	4.877	4.748	4.541	4.299	4.066	3.877	3.744	3.659	3.603	3.559
6161	61.60	3.524	3.508	3.526	3.586	3.683	3.792	3.882	3.921	3.893	3.796
6171	61.70	3.643	3.450	3.233	3.000	2.759	2.521	2.309	2.148	2.066	2.080
6181	61.80	2.187	2.364	2.575	2.782	2.953	3.070	3.124	3.110	3.017	2.827
6191	61.90	2.519	2.083	1.527	0.883	0.206	-0.438	-0.987	-1.396	-1.647	-1.746
6201	62.00	-1.720	-1.607	-1.445	-1.270	-1.109	-0.980	-0.892	-0.845	-0.831	-0.840
6211	62.10	-0.863	-0.895	-0.936	-0.988	-1.048	-1.104	-1.130	-1.092	-0.953	-0.691
6221	62.20	-0.304	0.184	0.732	1.289	1.810	2.261	2.624	2.892	3.056	3.101
6231	62.30	3.010	2.765	2.364	1.831	1.211	0.567	-0.035	-0.548	-0.954	-1.263
6241	62.40	-1.504	-1.711	-1.904	-2.088	-2.251	-2.374	-2.448	-2.477	-2.482	-2.468
6251	62.50	-2.513	-2.557	-2.597	-2.600	-2.532	-2.371	-2.123	-1.814	-1.491	-1.198
6261	62.60	-0.972	-0.834	-0.785	-0.812	-0.899	-1.023	-1.164	-1.299	-1.406	-1.461
6271	62.70	-1.448	-1.359	-1.199	-0.987	-0.749	-0.512	-0.299	-0.123	0.007	0.082
6281	62.80	0.094	0.033	-0.110	-0.331	-0.607	-0.902	-1.165	-1.353	-1.437	-1.417
6291	62.90	-1.317	-1.177	-1.035	-0.913	-0.809	-0.700	-0.558	-0.362	-0.114	0.158
6301	63.00	0.413	0.608	0.714	0.733	0.687	0.616	0.559	0.536	0.547	0.570
6311	63.10	0.571	0.516	0.384	0.171	-0.108	-0.424	-0.739	-1.015	-1.216	-1.319
6321	63.20	-1.316	-1.219	-1.056	-0.871	-0.711	-0.611	-0.587	-0.631	-0.718	-0.820
6331	63.30	-0.918	-1.015	-1.133	-1.307	-1.560	-1.896	-2.289	-2.694	-3.058	-3.347
6341	63.40	-3.547	-3.674	-3.755	-3.816	-3.867	-3.900	-3.899	-3.851	-3.758	-3.643
6351	63.50	-3.541	-3.482	-3.480	-3.527	-3.599	-3.666	-3.712	-3.732	-3.738	-3.738
6361	63.60	-3.732	-3.705	-3.639	-3.522	-3.363	-3.196	-3.064	-3.005	-3.028	-3.107
6371	63.70	-3.189	-3.219	-3.165	-3.032	-2.863	-2.715	-2.631	-2.617	-2.639	-2.640
6381	63.80	-2.567	-2.393	-2.137	-1.842	-1.557	-1.305	-1.071	-0.808	-0.463	-0.008
6391	63.90	0.535	1.098	1.589	1.923	2.064	2.029	1.883	1.715	1.595	1.562
6401	64.00	1.610	1.706	1.814	1.914	2.014	2.138	2.313	2.550	2.837	3.140
6411	64.10	3.415	3.629	3.767	3.835	3.859	3.867	3.887	3.938	4.030	4.171
6421	64.20	4.367	4.620	4.927	5.274	5.635	5.974	6.257	6.457	6.567	6.598
6431	64.30	6.579	6.543	6.522	6.531	6.575	6.641	6.711	6.767	6.802	6.814
6441	64.40	6.814	6.819	6.846	6.905	6.998	7.119	7.247	7.359	7.427	7.431
6451	64.50	7.357	7.207	6.993	6.736	6.459	6.177	5.897	5.609	5.295	4.930
6461	64.60	4.492	3.971	3.371	2.706	2.003	1.289	0.591	-0.070	-0.685	-1.247
6471	64.70	-1.760	-2.231	-2.671	-3.090	-3.497	-3.896	-4.282	-4.649	-4.986	-5.285
6481	64.80	-5.548	-5.787	-6.018	-6.257	-6.510	-6.762	-6.983	-7.132	-7.173	-7.087
6491	64.90	-6.884	-6.602	-6.299	-6.028	-5.827	-5.702	-5.629	-5.569	-5.484	-5.352

Table 7-42-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-5.182	-5.002	-4.869	-4.747	-4.696	-4.668	-4.615	-4.496	-4.289	-4.011
6511	65.10	-3.711	-3.452	-3.291	-3.253	-3.326	-3.466	-3.614	-3.729	-3.793	-3.823
6521	65.20	-3.857	-3.931	-4.060	-4.231	-4.407	-4.544	-4.604	-4.569	-4.435	-4.206
6531	65.30	-3.876	-3.425	-2.828	-2.070	-1.165	-0.170	0.830	1.733	2.460	2.971
6541	65.40	3.274	3.613	3.447	3.418	3.345	3.224	3.044	2.807	2.542	2.297
6551	65.50	2.126	2.067	2.123	2.267	2.452	2.636	2.796	2.939	3.093	3.289
6561	65.60	3.547	3.863	4.217	4.578	4.918	5.222	5.483	5.700	5.874	6.004
6571	65.70	6.092	6.150	6.199	6.269	6.383	6.548	6.752	6.962	7.137	7.244
6581	65.80	7.274	7.236	7.160	7.072	6.987	6.895	6.768	6.565	6.253	5.818
6591	65.90	5.269	4.635	3.960	3.283	2.633	2.021	1.439	0.866	0.281	-0.330
6601	66.00	-0.961	-1.589	-2.176	-2.682	-3.083	-3.377	-3.591	-3.765	-3.941	-4.139
6611	66.10	-4.349	-4.530	-4.632	-4.614	-4.466	-4.214	-3.917	-3.642	-3.443	-3.348
6621	66.20	-3.350	-3.423	-3.536	-3.657	-3.781	-3.908	-4.040	-4.179	-4.321	-4.460
6631	66.30	-4.596	-4.735	-6.894	-5.086	-5.320	-5.591	-5.886	-6.186	-6.475	-6.743
6641	66.40	-6.982	-7.180	-7.322	-7.382	-7.340	-7.182	-6.915	-6.563	-6.163	-5.749
6651	66.50	-5.343	-4.948	-4.552	-4.139	-3.698	-3.230	-2.749	-2.276	-1.832	-1.436
6661	66.60	-1.103	-0.846	-0.674	-0.589	-0.581	-0.622	-0.668	-0.675	-0.608	-0.455
6671	66.70	-0.235	0.012	0.242	0.623	0.552	0.648	0.745	0.871	1.035	1.222
6681	66.80	1.398	1.525	1.574	1.531	1.403	1.206	0.968	0.718	0.488	0.306
6691	66.90	0.192	0.149	0.151	0.151	0.091	-0.069	-0.335	-0.658	-0.952	-1.115
6701	67.00	-1.073	-0.809	-0.377	0.122	0.577	0.910	1.108	1.217	1.321	1.494
6711	67.10	1.768	2.115	2.463	2.728	2.851	2.816	2.654	2.418	2.158	1.900
6721	67.20	1.640	1.357	1.038	0.688	0.341	0.045	-0.156	-0.240	-0.212	-0.104
6731	67.30	0.043	0.190	0.311	0.397	0.443	0.450	0.420	0.355	0.268	0.185
6741	67.40	0.142	0.179	0.331	0.617	1.035	1.564	2.165	2.792	3.397	3.933
6751	67.50	4.364	4.663	4.822	4.850	4.772	4.625	4.445	4.261	4.087	3.924
6761	67.60	3.766	3.609	3.460	3.334	3.252	3.229	3.264	3.342	3.435	3.517
6771	67.70	3.571	3.598	3.613	3.638	3.688	3.764	3.853	3.934	3.984	3.997
6781	67.80	3.976	3.938	3.898	3.866	3.837	3.797	3.730	3.627	3.491	3.338
6791	67.90	3.185	3.045	2.917	2.785	2.628	2.433	2.202	1.956	1.731	1.563
6801	68.00	1.474	1.464	1.509	1.574	1.625	1.648	1.649	1.653	1.686	1.762
6811	68.10	1.874	1.992	2.080	2.105	2.054	1.937	1.777	1.599	1.414	1.213
6821	68.20	0.970	0.660	0.271	-0.188	-0.685	-1.179	-1.643	-2.070	-2.480	-2.910
6831	68.30	-3.391	-3.928	-4.498	-5.046	-5.509	-5.841	-6.023	-6.076	-6.045	-5.982
6841	68.40	-5.922	-5.875	-5.827	-5.754	-5.640	-5.490	-5.331	-5.206	-5.152	-5.187
6851	68.50	-5.304	-5.471	-5.651	-5.809	-5.931	-6.019	-6.090	-6.161	-6.242	-6.331
6861	68.60	-6.418	-6.484	-6.517	-6.507	-6.452	-6.351	-6.209	-6.033	-5.833	-5.620
6871	68.70	-5.407	-5.202	-5.002	-4.792	-4.550	-4.253	-3.892	-3.476	-3.036	-2.608
6881	68.80	-2.230	-1.919	-1.672	-1.467	-1.276	-1.081	-0.881	-0.695	-0.550	-0.468
6891	68.90	-0.454	-0.494	-0.564	-0.636	-0.691	-0.722	-0.726	-0.698	-0.622	-0.476
6901	69.00	-0.240	0.088	0.483	0.895	1.265	1.545	1.721	1.820	1.898	2.020
6911	69.10	2.226	2.518	2.854	3.163	3.379	3.464	3.425	3.306	3.173	3.082
6921	69.20	3.062	3.107	3.185	3.259	3.308	3.333	3.357	3.409	3.511	3.658
6931	69.30	3.825	3.968	4.047	4.036	3.936	3.763	3.544	3.302	3.045	2.768
6941	69.40	2.464	2.132	1.789	1.472	1.225	1.085	1.062	1.137	1.265	1.393
6951	69.50	1.480	1.517	1.530	1.562	1.658	1.838	2.085	2.354	2.590	2.759
6961	69.60	2.862	2.939	3.054	3.263	3.589	4.006	4.449	4.834	5.094	5.194
6971	69.70	5.142	4.977	4.744	4.475	4.184	3.871	3.532	3.176	2.822	2.494
6981	69.80	2.200	1.927	1.636	1.283	0.834	0.291	-0.303	-0.880	-1.364	-1.702
6991	69.90	-1.877	-1.909	-1.844	-1.732	-1.609	-1.494	-1.389	-1.293	-1.202	-1.121

Table 7-42-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-1.051	-0.992	-0.941	-0.898	-0.871	-0.886	-0.978	-1.180	-1.504	-1.931
7011	70.10	-2.415	-2.893	-3.313	-3.649	-3.914	-4.142	-4.369	-4.611	-4.851	-5.048
7021	70.20	-5.155	-5.149	-5.045	-4.893	-4.757	-4.691	-4.711	-4.788	-4.862	-4.867
7031	70.30	-4.759	-4.533	-4.225	-3.890	-3.587	-3.353	-3.196	-3.100	-3.031	-2.957
7041	70.40	-2.849	-2.692	-2.478	-2.205	-1.877	-1.507	-1.114	-0.723	-0.356	-0.027
7051	70.50	0.269	0.555	0.863	1.227	1.662	2.157	2.675	3.157	3.541	3.780
7061	70.60	3.857	3.788	3.621	3.421	3.250	3.152	3.136	3.183	3.251	3.289
7071	70.70	3.258	3.144	2.955	2.719	2.467	2.220	1.979	1.729	1.448	1.118
7081	70.80	0.739	0.334	-0.064	-0.417	-0.701	-0.908	-1.050	-1.150	-1.230	-1.309
7091	70.90	-1.392	-1.475	-1.550	-1.608	-1.640	-1.643	-1.614	-1.558	-1.487	-1.420
7101	71.00	-1.378	-1.377	-1.416	-1.469	-1.493	-1.433	-1.248	-0.927	-0.496	-0.014
7111	71.10	0.450	0.843	1.147	1.384	1.594	1.815	2.056	2.284	2.439	2.458
7121	71.20	2.314	2.026	1.666	1.330	1.099	1.012	1.048	1.141	1.208	1.185
7131	71.30	1.054	0.844	0.610	0.410	0.273	0.194	0.135	0.055	-0.076	-0.259
7141	71.40	-0.468	-0.664	-0.816	-0.906	-0.941	-0.932	-0.895	-0.831	-0.734	-0.596
7151	71.50	-0.418	-0.214	-0.010	0.162	0.283	0.350	0.375	0.382	0.389	0.406
7161	71.60	0.432	0.461	0.494	0.541	0.621	0.752	0.940	1.171	1.410	1.618
7171	71.70	1.762	1.834	1.849	1.839	1.841	1.876	1.941	2.011	2.053	2.032
7181	71.80	1.930	1.744	1.482	1.157	0.778	0.355	-0.101	-0.569	-1.014	-1.397
7191	71.90	-1.679	-1.841	-1.881	-1.821	-1.688	-1.508	-1.290	-1.026	-0.705	-0.319
7201	72.00	0.120	0.580	1.015	1.385	1.670	1.873	2.019	2.140	2.254	2.361
7211	72.10	2.437	2.452	2.387	2.244	2.053	1.855	1.691	1.578	1.507	1.447
7221	72.20	1.363	1.231	1.057	0.867	0.700	0.584	0.525	0.502	0.476	0.413
7231	72.30	0.296	0.134	-0.062	-0.194	-0.296	-0.340	-0.342	-0.324	-0.305	-0.292
7241	72.40	-0.228	-0.255	-0.228	-0.217	-0.262	-0.402	-0.661	-1.030	-1.467	-1.904
7251	72.50	-2.272	-2.522	-2.635	-2.631	-2.547	-2.426	-2.299	-2.181	-2.075	-1.981
7261	72.60	-1.910	-1.882	-1.920	-2.038	-2.232	-2.473	-2.716	-2.917	-3.051	-3.118
7271	72.70	-3.150	-3.191	-3.284	-3.449	-3.674	-3.921	-4.135	-4.268	-4.298	-4.235
7281	72.80	-4.123	-4.018	-3.976	-4.025	-4.161	-4.344	-4.517	-4.620	-4.615	-4.493
7291	72.90	-4.271	-3.981	-3.653	-3.301	-2.918	-2.489	-1.998	-1.452	-0.881	-0.333
7301	73.00	0.137	0.488	0.705	0.797	0.791	0.711	0.572	0.374	0.113	-0.206
7311	73.10	-0.554	-0.886	-1.147	-1.299	-1.337	-1.298	-1.243	-1.239	-1.329	-1.514
7321	73.20	-1.752	-1.978	-2.127	-2.163	-2.084	-1.920	-1.714	-1.500	-1.293	-1.088
7331	73.30	-0.870	-0.631	-0.374	-0.120	0.111	0.310	0.488	0.674	0.903	1.198
7341	73.40	1.558	1.949	2.323	2.629	2.834	2.933	2.952	2.931	2.909	2.909
7351	73.50	2.931	2.962	2.983	2.992	3.007	3.064	3.207	3.466	3.847	4.319
7361	73.60	4.830	5.317	5.731	6.048	6.279	6.454	6.609	6.771	6.945	7.122
7371	73.70	7.286	7.433	7.577	7.747	7.971	8.259	8.591	8.914	9.161	9.275
7381	73.80	9.227	9.024	8.706	8.322	7.908	7.473	7.003	6.471	5.866	5.204
7391	73.90	4.532	3.907	3.377	2.957	2.626	2.334	2.025	1.664	1.248	0.803
7401	74.00	0.373	-0.009	-0.330	-0.603	-0.856	-1.116	-1.398	-1.698	-2.007	-2.315
7411	74.10	-2.627	-2.958	-3.322	-3.720	-4.132	-4.516	-4.824	-5.019	-5.091	-5.063
7421	74.20	-4.975	-4.871	-4.776	-4.691	-4.597	-4.472	-4.308	-4.122	-3.947	-3.819
7431	74.30	-3.755	-3.740	-3.728	-3.661	-3.495	-3.221	-2.873	-2.514	-2.208	-1.999
7441	74.40	-1.887	-1.836	-1.788	-1.700	-1.560	-1.402	-1.286	-1.276	-1.406	-1.666
7451	74.50	-1.999	-2.325	-2.566	-2.680	-2.668	-2.570	-2.445	-2.345	-2.300	-2.307
7461	74.60	-2.344	-2.385	-2.415	-2.439	-2.478	-2.563	-2.717	-2.946	-3.240	-3.575
7471	74.70	-3.919	-4.239	-4.509	-4.708	-4.825	-4.856	-4.802	-4.673	-4.478	-4.222
7481	74.80	-3.907	-3.527	-3.078	-2.561	-1.995	-1.418	-0.880	-0.435	-0.121	0.051
7491	74.90	0.099	0.062	-0.009	-0.076	-0.118	-0.137	-0.148	-0.168	-0.203	-0.244

Table 7-42-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1234 1310-GR-1-1 HA. (HA.) SHARI BRIDGE MAX. ACC. = 31.745 (GAL) T= 33.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.273	-0.273	-0.234	-0.163	-0.079	-0.005	0.039	0.050	0.035	0.015
7511	75.10	0.012	0.037	0.091	0.162	0.227	0.267	0.270	0.242	0.207	0.199
7521	75.20	0.253	0.398	0.639	0.961	1.329	1.700	2.037	2.317	2.537	2.704
7531	75.30	2.831	2.924	2.979	2.986	2.940	2.853	2.752	2.676	2.662	2.723
7541	75.40	2.864	2.981	3.081	3.098	3.022	2.875	2.705	2.568	2.496	2.494
7551	75.50	2.531	2.562	2.550	2.480	2.370	2.260	2.195	2.203	2.285	2.415
7561	75.60	2.554	2.661	2.712	2.706	2.657	2.588	2.518	2.454	2.386	2.291
7571	75.70	2.142	1.915	1.599	1.202	0.750	0.284	-0.147	-0.505	-0.771	-0.954
7581	75.80	-1.086	-1.215	-1.380	-1.604	-1.878	-2.169	-2.435	-2.645	-2.790	-2.890
7591	75.90	-2.980	-3.090	-3.228	-3.369	-3.466	-3.463	-3.326	-3.057	-2.697	-2.313
7601	76.00	-1.972	-1.719	-1.563	-1.479	-1.424	-1.355	-1.252	-1.118	-0.977	-0.854
7611	76.10	-0.767	-0.713	-0.678	-0.645	-0.606	-0.569	-0.555	-0.589	-0.684	-0.833
7621	76.20	-1.011	-1.180	-1.309	-1.380	-1.400	-1.391	-1.381	-1.391	-1.423	-1.463
7631	76.30	-1.485	-1.468	-1.400	-1.288	-1.151	-1.010	-0.876	-0.750	-0.618	-0.463
7641	76.40	-0.276	-0.060	0.165	0.372	0.539	0.658	0.742	0.815	0.905	1.026
7651	76.50	1.170	1.312	1.415	1.446	1.394	1.270	1.108	0.944	0.807	0.706
7661	76.60	0.629	0.551	0.449	0.315	0.158	0.001	-0.132	-0.229	-0.296	-0.350
7671	76.70	-0.414	-0.495	-0.586	-0.660	-0.685	-0.639	-0.519	-0.346	-0.151	0.037
7681	76.80	0.207	0.374	0.563	0.805	1.108	1.458	1.815	2.130	2.366	2.506
7691	76.90	2.563	2.565	2.544	2.521	2.501	2.479	2.446	2.407	2.382	2.397
7701	77.00	2.471	2.610	2.793	2.987	3.156	3.279	3.357	3.412	3.474	3.562
7711	77.10	3.675	3.791	3.877	3.903	3.859	3.759	3.637	3.532	3.476	3.485
7721	77.20	3.556	3.671	3.807	3.940	4.048	4.114	4.123	4.066	3.941	3.753
7731	77.30	3.517	3.247	2.954	2.638	2.286	1.884	1.427	0.929	0.423	-0.039
7741	77.40	-0.411	-0.666	-0.808	-0.874	-0.917	-0.989	-1.121	-1.313	-1.543	-1.781
7751	77.50	-2.007	-2.218	-2.434	-2.677	-2.963	-3.282	-3.602	-3.879	-4.073	-4.164
7761	77.60	-4.164	-4.104	-4.026	-3.963	-3.927	-3.907	-3.882	-3.828	-3.735	-3.608
7771	77.70	-3.466	-3.332	-3.221	-3.137	-3.069	-3.001	-2.916	-2.800	-2.646	-2.449
7781	77.80	-2.212	-1.942	-1.655	-1.379	-1.147	-0.993	-0.941	-0.993	-1.129	-1.308
7791	77.90	-1.485	-1.626	-1.717	-1.769	-1.809	-1.860	-1.938	-2.036	-2.139	-2.225
7801	78.00	-2.284	-2.320	-2.344	-2.365	-2.382	-2.379	-2.333	-2.231	-2.077	-1.900
7811	78.10	-1.738	-1.628	-1.582	-1.589	-1.616	-1.632	-1.622	-1.598	-1.591	-1.635
7821	78.20	-1.744	-1.903	-2.075	-2.221	-2.320	-2.382	-2.440	-2.533	-2.682	-2.873
7831	78.30	-3.067	-3.220	-3.307	-3.336	-3.342	-3.364	-3.417	-3.479	-3.498	-3.419
7841	78.40	-3.219	-2.923	-2.595	-2.303	-2.082	-1.914	-1.738	-1.495	-1.175	-0.846
7851	78.50	-0.639	-0.684	-1.033	-1.605	-2.184	-2.483	-2.253	-1.390	0.009	1.664

Table 7-43-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1235 1310-GR-1-1 U-D (U-D) SHARI BRIDGE MAX. ACC. = -6.152 (GAL) T= 44.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-2.382	-3.871	-5.118	-5.843	-5.852	-5.103	-3.737	-2.052	-0.428	0.769
11	0.10	1.296	1.097	0.315	-0.759	-1.789	-2.497	-2.750	-2.588	-2.185	-1.776
21	0.20	-1.561	-1.641	-1.989	-2.473	-2.918	-3.161	-3.096	-2.691	-1.977	-1.024
31	0.30	0.068	1.182	2.180	2.912	3.233	3.045	2.337	1.211	-0.126	-1.414
41	0.40	-2.411	-2.968	-3.073	-2.846	-2.482	-2.176	-2.047	-2.101	-2.249	-2.358
51	0.50	-2.320	-2.096	-1.726	-1.291	-0.860	-0.447	-0.001	0.556	1.268	2.087
61	0.60	2.851	3.326	3.277	2.567	1.228	-0.530	-2.369	-3.923	-4.901	-5.168
71	0.70	-4.761	-3.850	-2.674	-1.458	-0.372	0.487	1.077	1.393	1.442	1.255
81	0.80	0.885	0.417	-0.052	-0.436	-0.699	-0.861	-0.989	-1.151	-1.368	-1.585
91	0.90	-1.683	-1.531	-1.057	-0.302	0.570	1.327	1.757	1.755	1.381	0.831
101	1.00	0.365	0.200	0.424	0.966	1.638	2.221	2.556	2.604	2.439	2.201
111	1.10	2.019	1.953	1.979	2.015	1.978	1.827	1.587	1.324	1.109	0.973
121	1.20	0.895	0.808	0.639	0.346	-0.057	-0.512	-0.939	-1.275	-1.499	-1.632
131	1.30	-1.723	-1.814	-1.911	-1.980	-1.952	-1.753	-1.345	-0.749	-0.061	0.567
141	1.40	0.960	0.981	0.579	-0.177	-1.105	-1.952	-2.468	-2.494	-2.021	-1.202
151	1.50	-0.303	0.383	0.648	0.442	-0.108	-0.746	-1.189	-1.229	-0.811	-0.045
161	1.60	0.850	1.626	2.098	2.197	1.966	1.522	0.990	0.465	-0.014	-0.442
171	1.70	-0.822	-1.136	-1.345	-1.399	-1.271	-0.975	-0.567	-0.126	0.273	0.589
181	1.80	0.826	1.019	1.219	1.460	1.746	2.047	2.302	2.439	2.391	2.109
191	1.90	1.584	0.854	0.013	-0.800	-1.417	-1.687	-1.520	-0.923	-0.015	0.995
201	2.00	1.866	2.386	2.438	2.027	1.275	0.373	-0.475	-1.107	-1.431	-1.429
211	2.10	-1.135	-0.611	0.078	0.863	1.671	2.413	2.990	3.307	3.301	2.960
221	2.20	2.342	1.559	0.752	0.055	-0.442	-0.708	-0.773	-0.702	-0.575	-0.457
231	2.30	-0.385	-0.367	-0.387	-0.416	-0.631	-0.417	-0.375	-0.320	-0.278	-0.278
241	2.40	-0.339	-0.455	-0.593	-0.685	-0.654	-0.433	-0.000	0.598	1.246	1.782
251	2.50	2.049	1.946	1.470	0.729	-0.095	-0.799	-1.228	-1.330	-1.158	-0.847
261	2.60	-0.548	-0.368	-0.326	-0.357	-0.346	-0.187	0.167	0.681	1.254	1.760
271	2.70	2.094	2.210	2.123	1.885	1.558	1.183	0.778	0.350	-0.083	-0.476
281	2.80	-0.765	-0.883	-0.805	-0.562	-0.247	0.015	0.111	-0.015	-0.340	-0.769
291	2.90	-1.166	-1.408	-1.424	-1.215	-0.847	-0.418	-0.021	0.285	0.488	0.618
301	3.00	0.723	0.849	1.015	1.210	1.396	1.515	1.513	1.356	1.041	0.608
311	3.10	0.133	-0.290	-0.572	-0.658	-0.545	-0.285	0.028	0.296	0.447	0.460
321	3.20	0.371	0.249	0.164	0.154	0.203	0.253	0.233	0.092	-0.168	-0.490
331	3.30	-0.783	-0.962	-0.981	-0.852	-0.637	-0.415	-0.249	-0.159	-0.123	-0.103
341	3.40	-0.072	-0.038	-0.048	-0.156	-0.391	-0.723	-1.065	-1.294	-1.308	-1.071
351	3.50	-0.645	-0.173	0.166	0.228	-0.046	-0.599	-1.287	-1.925	-2.359	-2.513
361	3.60	-2.408	-2.140	-1.638	-1.609	-1.502	-1.506	-1.555	-1.571	-1.491	-1.293
371	3.70	-1.003	-0.684	-0.419	-0.282	-0.319	-0.530	-0.865	-1.230	-1.520	-1.640
381	3.80	-1.546	-1.263	-0.879	-0.522	-0.312	-0.321	-0.537	-0.872	-1.187	-1.346
391	3.90	-1.267	-0.944	-0.455	0.078	0.531	0.821	0.923	0.874	0.741	0.591
401	4.00	0.471	0.390	0.329	0.251	0.119	-0.092	-0.389	-0.757	-1.154	-1.517
411	4.10	-1.768	-1.834	-1.661	-1.244	-0.629	0.093	0.814	1.443	1.934	2.298
421	4.20	2.588	2.857	3.124	3.345	3.421	3.235	2.705	1.828	0.707	-0.475
431	4.30	-1.505	-2.208	-2.501	-2.418	-2.088	-1.684	-1.363	-1.209	-1.220	-1.312
441	4.40	-1.368	-1.275	-0.969	-0.448	0.232	0.980	1.691	2.271	2.646	2.768
451	4.50	2.620	2.217	1.612	0.896	0.186	-0.397	-0.753	-0.833	-0.656	-0.301
461	4.60	0.116	0.474	0.689	0.730	0.619	0.416	0.187	-0.015	-0.167	-0.267
471	4.70	-0.327	-0.352	-0.344	-0.296	-0.209	-0.096	0.016	0.100	0.135	0.123
481	4.80	0.081	0.036	0.004	-0.012	-0.024	-0.045	-0.071	-0.076	-0.028	0.095
491	4.90	0.276	0.451	0.522	0.402	0.062	-0.438	-0.950	-1.283	-1.273	-0.852

Table 7-43-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1235 1310-GR-1-1 U-D (U-D) SHARI BRIDGE MAX. ACC. = -6.152 (GAL) T= 44.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.087	0.838	1.680	2.220	2.336	2.036	1.443	0.735	0.078	-0.419
511	5.10	-0.722	-0.853	-0.847	-0.729	-0.497	-0.142	0.327	0.866	1.391	1.807
521	5.20	2.039	2.057	1.890	1.603	1.271	0.953	0.677	0.448	0.264	0.138
531	5.30	0.096	0.157	0.329	0.574	0.820	0.978	0.982	0.819	0.534	0.223
541	5.40	-0.015	-0.111	-0.055	0.103	0.279	0.398	0.421	0.363	0.272	0.201
551	5.50	0.173	0.167	0.122	-0.026	-0.315	-0.720	-1.159	-1.512	-1.669	-1.566
561	5.60	-1.216	-0.707	-0.172	0.260	0.501	0.535	0.415	0.236	0.097	0.061
571	5.70	0.135	0.272	0.394	0.433	0.358	0.189	-0.009	-0.154	-0.189	-0.100
581	5.80	0.068	0.236	0.324	0.288	0.142	-0.043	-0.171	-0.163	-0.001	0.262
591	5.90	0.512	0.625	0.518	0.186	-0.287	-0.757	-1.081	-1.171	-1.029	-0.743
601	6.00	-0.452	-0.277	-0.279	-0.429	-0.632	-0.770	-0.756	-0.568	-0.255	0.100
611	6.10	0.424	0.691	0.930	1.205	1.570	2.024	2.499	2.868	3.000	2.803
621	6.20	2.272	1.491	0.610	-0.208	-0.832	-1.199	-1.315	-1.239	-1.050	-0.814
631	6.30	-0.579	-0.365	-0.181	-0.032	0.072	0.117	0.093	-0.002	-0.159	-0.363
641	6.40	-0.591	-0.823	-1.037	-1.215	-1.346	-1.423	-1.452	-1.450	-1.437	-1.430
651	6.50	-1.436	-1.440	-1.420	-1.351	-1.220	-1.038	-0.836	-0.654	-0.520	-0.444
661	6.60	-0.409	-0.385	-0.345	-0.278	-0.198	-0.128	-0.092	-0.093	-0.114	-0.127
671	6.70	-0.114	-0.081	-0.059	-0.091	-0.205	-0.386	-0.578	-0.697	-0.665	-0.456
681	6.80	-0.111	0.264	0.538	0.606	0.432	0.069	-0.362	-0.719	-0.894	-0.857
691	6.90	-0.658	-0.406	-0.217	-0.166	-0.260	-0.437	-0.601	-0.664	-0.582	-0.372
701	7.00	-0.097	0.161	0.338	0.409	0.395	0.339	0.288	0.263	0.260	0.252
711	7.10	0.214	0.141	0.052	-0.014	-0.022	0.037	0.137	0.222	0.232	0.130
721	7.20	-0.074	-0.319	-0.515	-0.580	-0.469	-0.200	0.150	0.479	0.691	0.732
731	7.30	0.609	0.376	0.112	-0.111	-0.250	-0.295	-0.266	-0.189	-0.091	0.014
741	7.40	0.114	0.196	0.246	0.246	0.192	0.097	-0.010	-0.091	-0.118	-0.086
751	7.50	-0.014	0.065	0.125	0.169	0.225	0.340	0.548	0.848	1.192	1.496
761	7.60	1.677	1.687	1.538	1.303	1.084	0.967	0.983	1.090	1.187	1.161
771	7.70	0.929	0.475	-0.144	-0.824	-1.454	-1.957	-2.306	-2.523	-2.645	-2.700
781	7.80	-2.681	-2.553	-2.276	-1.831	-1.248	-0.605	-0.007	0.446	0.695	0.739
791	7.90	0.635	0.474	0.343	0.300	0.353	0.470	0.589	0.655	0.634	0.529
801	8.00	0.375	0.223	0.119	0.093	0.138	0.238	0.356	0.457	0.520	0.538
811	8.10	0.514	0.455	0.362	0.228	0.043	-0.197	-0.478	-0.764	-1.006	-1.150
821	8.20	-1.160	-1.034	-0.808	-0.548	-0.327	-0.203	-0.192	-0.268	-0.366	-0.411
831	8.30	-0.340	-0.129	0.204	0.601	0.990	1.299	1.482	1.516	1.406	1.173
841	8.40	0.848	0.469	0.081	-0.264	-0.508	-0.598	-0.504	-0.231	0.175	0.627
851	8.50	1.022	1.270	1.319	1.175	0.900	0.595	0.362	0.272	0.342	0.532
861	8.60	0.755	0.914	0.936	0.797	0.530	0.211	-0.067	-0.233	-0.256	-0.157
871	8.70	0.007	0.173	0.297	0.373	0.436	0.525	0.683	0.904	1.144	1.329
881	8.80	1.389	1.282	1.019	0.658	0.279	-0.044	-0.266	-0.386	-0.427	-0.419
891	8.90	-0.380	-0.309	-0.200	-0.062	0.072	0.143	0.095	-0.094	-0.382	-0.667
901	9.00	-0.817	-0.722	-0.348	0.238	0.883	1.405	1.656	1.586	1.260	0.826
911	9.10	0.452	0.261	0.284	0.455	0.652	0.755	0.698	0.489	0.197	-0.086
921	9.20	-0.290	-0.391	-0.410	-0.388	-0.357	-0.319	-0.256	-0.147	0.006	0.163
931	9.30	0.254	0.208	-0.013	-0.390	-0.842	-1.255	-1.518	-1.566	-1.398	-1.083
941	9.40	-0.724	-0.432	-0.284	-0.310	-0.485	-0.750	-1.033	-1.272	-1.428	-1.492
951	9.50	-1.476	-1.407	-1.315	-1.223	-1.143	-1.074	-1.005	-0.922	-0.811	-0.667
961	9.60	-0.692	-0.295	-0.092	0.101	0.271	0.411	0.519	0.599	0.660	0.708
971	9.70	0.744	0.764	0.752	0.690	0.563	0.367	0.117	-0.148	-0.373	-0.503
981	9.80	-0.504	-0.372	-0.144	0.115	0.330	0.440	0.421	0.285	0.077	-0.147
991	9.90	-0.340	-0.475	-0.547	-0.564	-0.537	-0.469	-0.361	-0.218	-0.055	0.099

Table 7-43-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1235 1310-GR-1-1 U-D (U-D) SHARI BRIDGE MAX. ACC. = -6.152 (GAL) T= 44.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.209	0.251	0.226	0.161	0.103	0.096	0.159	0.277	0.400	0.467
1011	10.10	0.431	0.283	0.054	-0.196	-0.404	-0.532	-0.581	-0.591	-0.616	-0.701
1021	10.20	-0.859	-1.066	-1.270	-1.412	-1.453	-1.380	-1.217	-1.008	-0.802	-0.633
1031	10.30	-0.514	-0.436	-0.374	-0.301	-0.197	-0.056	0.111	0.281	0.428	0.528
1041	10.40	0.572	0.567	0.535	0.506	0.509	0.560	0.656	0.775	0.887	0.954
1051	10.50	0.950	0.859	0.680	0.423	0.115	-0.207	-0.494	-0.689	-0.739	-0.611
1061	10.60	-0.310	0.113	0.567	0.942	1.150	1.151	0.972	0.697	0.434	0.269
1071	10.70	0.231	0.283	0.338	0.309	0.147	-0.127	-0.432	-0.659	-0.725	-0.610
1081	10.80	-0.370	-0.112	0.054	0.062	-0.077	-0.286	-0.454	-0.493	-0.375	-0.146
1091	10.90	0.093	0.231	0.191	-0.034	-0.384	-0.752	-1.028	-1.134	-1.066	-0.794
1101	11.00	-0.449	-0.090	0.214	0.425	0.535	0.565	0.569	0.521	0.504	0.499
1111	11.10	0.490	0.445	0.338	0.162	-0.058	-0.268	-0.394	-0.374	-0.181	0.162
1121	11.20	0.577	0.964	1.228	1.314	1.224	1.012	0.756	0.531	0.383	0.320
1131	11.30	0.318	0.344	0.374	0.390	0.388	0.360	0.290	0.167	-0.010	-0.211
1141	11.40	-0.379	-0.443	-0.354	-0.114	0.211	0.505	0.646	0.557	0.247	-0.184
1151	11.50	-0.586	-0.813	-0.791	-0.551	-0.215	0.057	0.137	-0.011	-0.321	-0.649
1161	11.60	-0.841	-0.799	-0.521	-0.101	0.319	0.613	0.716	0.650	0.502	0.376
1171	11.70	0.346	0.424	0.567	0.699	0.755	0.707	0.572	0.394	0.221	0.080
1181	11.80	-0.033	-0.141	-0.265	-0.406	-0.536	-0.611	-0.588	-0.448	-0.207	0.088
1191	11.90	0.370	0.581	0.684	0.675	0.581	0.451	0.335	0.279	0.307	0.420
1201	12.00	0.598	0.804	0.992	1.122	1.170	1.129	1.011	0.844	0.655	0.464
1211	12.10	0.279	0.096	-0.091	-0.284	-0.475	-0.649	-0.788	-0.886	-0.949	-0.996
1221	12.20	-1.047	-1.116	-1.201	-1.279	-1.318	-1.284	-1.155	-0.923	-0.600	-0.214
1231	12.30	0.193	0.570	0.860	1.009	0.978	0.763	0.400	-0.027	-0.408	-0.633
1241	12.40	-0.637	-0.419	-0.054	0.333	0.611	0.694	0.573	0.321	0.059	-0.093
1251	12.50	-0.067	0.126	0.403	0.642	0.738	0.639	0.364	-0.008	-0.378	-0.664
1261	12.60	-0.823	-0.855	-0.789	-0.658	-0.485	-0.278	-0.045	0.192	0.397	0.525
1271	12.70	0.544	0.455	0.299	0.144	0.058	0.074	0.177	0.303	0.369	0.314
1281	12.80	0.123	-0.158	-0.449	-0.665	-0.759	-0.739	-0.659	-0.590	-0.580	-0.633
1291	12.90	-0.708	-0.743	-0.692	-0.553	-0.373	-0.226	-0.179	-0.258	-0.431	-0.622
1301	13.00	-0.747	-0.747	-0.615	-0.393	-0.152	0.042	0.153	0.182	0.150	0.084
1311	13.10	-0.008	-0.131	-0.292	-0.482	-0.660	-0.766	-0.739	-0.551	-0.227	0.160
1321	13.20	0.512	0.743	0.815	0.752	0.620	0.498	0.438	0.448	0.489	0.500
1331	13.30	0.433	0.272	0.040	-0.215	-0.444	-0.619	-0.738	-0.821	-0.888	-0.948
1341	13.40	-0.992	-1.003	-0.967	-0.887	-0.782	-0.682	-0.607	-0.560	-0.526	-0.474
1351	13.50	-0.380	-0.235	-0.049	0.148	0.320	0.437	0.485	0.463	0.390	0.289
1361	13.60	0.189	0.115	0.085	0.106	0.169	0.252	0.328	0.375	0.384	0.366
1371	13.70	0.347	0.368	0.375	0.407	0.401	0.312	0.115	-0.174	-0.501	-0.788
1381	13.80	-0.966	-1.004	-0.920	-0.777	-0.648	-0.590	-0.614	-0.688	-0.753	-0.753
1391	13.90	-0.656	-0.468	-0.217	0.063	0.353	0.647	0.953	1.266	1.557	1.775
1401	14.00	1.859	1.767	1.496	1.088	0.628	0.211	-0.081	-0.199	-0.142	0.055
1411	14.10	0.329	0.607	0.821	0.920	0.874	0.689	0.402	0.082	-0.192	-0.348
1421	14.20	-0.349	-0.207	0.023	0.258	0.421	0.469	0.405	0.278	0.155	0.094
1431	14.30	0.123	0.230	0.374	0.507	0.590	0.610	0.577	0.513	0.445	0.390
1441	14.40	0.357	0.345	0.347	0.350	0.339	0.293	0.195	0.038	-0.163	-0.374
1451	14.50	-0.540	-0.604	-0.527	-0.302	0.060	0.436	0.808	1.086	1.224	1.208
1461	14.60	1.054	0.802	0.504	0.215	-0.018	-0.159	-0.191	-0.121	0.021	0.185
1471	14.70	0.318	0.377	0.343	0.227	0.063	-0.108	-0.252	-0.357	-0.430	-0.492
1481	14.80	-0.557	-0.624	-0.676	-0.686	-0.635	-0.526	-0.390	-0.275	-0.228	-0.275
1491	14.90	-0.401	-0.560	-0.683	-0.710	-0.611	-0.404	-0.147	0.083	0.215	0.216

Table 7-43-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1235 1310-GR-1-1 U-D (U-D) SHARI BRIDGE MAX. ACC. = -6.152 (GAL) T= 44.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	0.097	-0.087	-0.266	-0.383	-0.416	-0.384	-0.338	-0.332	-0.404	-0.552
1511	15.10	-0.745	-0.936	-1.090	-1.201	-1.290	-1.388	-1.513	-1.641	-1.711	-1.642
1521	15.20	-1.371	-0.889	-0.256	0.406	0.957	1.287	1.353	1.198	0.923	0.652
1531	15.30	0.479	0.444	0.525	0.661	0.788	0.863	0.879	0.858	0.825	0.797
1541	15.40	0.769	0.721	0.632	0.493	0.312	0.106	-0.106	-0.307	-0.489	-0.638
1551	15.50	-0.733	-0.744	-0.641	-0.420	-0.113	0.205	0.432	0.473	0.273	-0.147
1561	15.60	-0.697	-1.235	-1.610	-1.712	-1.503	-1.028	-0.398	0.246	0.776	1.103
1571	15.70	1.201	1.099	0.860	0.564	0.278	0.046	-0.120	-0.227	-0.299	-0.354
1581	15.80	-0.404	-0.449	-0.476	-0.473	-0.430	-0.343	-0.213	-0.040	0.175	0.432
1591	15.90	0.718	1.005	1.244	1.372	1.329	1.087	0.663	0.130	-0.401	-0.812
1601	16.00	-1.016	-0.985	-0.756	-0.414	-0.054	0.249	0.464	0.607	0.711	0.804
1611	16.10	0.884	0.916	0.853	0.662	0.349	-0.030	-0.389	-0.643	-0.736	-0.666
1621	16.20	-0.486	-0.266	-0.084	0.017	0.030	-0.021	-0.099	-0.173	-0.239	-0.268
1631	16.30	-0.283	-0.260	-0.176	-0.005	0.257	0.579	0.893	1.115	1.172	1.036
1641	16.40	0.742	0.379	0.064	-0.104	-0.079	0.117	0.400	0.666	0.823	0.831
1651	16.50	0.708	0.515	0.323	0.184	0.104	0.054	-0.016	-0.141	-0.323	-0.524
1661	16.60	-0.688	-0.764	-0.737	-0.636	-0.532	-0.502	-0.599	-0.825	-1.126	-1.407
1671	16.70	-1.567	-1.539	-1.313	-0.942	-0.525	-0.176	0.022	0.034	-0.109	-0.325
1681	16.80	-0.510	-0.573	-0.467	-0.205	0.146	0.486	0.712	0.758	0.612	0.319
1691	16.90	-0.027	-0.322	-0.479	-0.458	-0.278	-0.005	0.271	0.467	0.529	0.452
1701	17.00	0.270	0.039	-0.183	-0.354	-0.465	-0.532	-0.585	-0.657	-0.763	-0.895
1711	17.10	-1.021	-1.096	-1.074	-0.924	-0.647	-0.275	0.129	0.491	0.746	0.863
1721	17.20	0.851	0.764	0.677	0.659	0.747	0.926	1.135	1.291	1.321	1.196
1731	17.30	0.940	0.624	0.335	0.145	0.080	0.116	0.193	0.246	0.234	0.154
1741	17.40	0.038	-0.065	-0.117	-0.110	-0.063	-0.009	0.027	0.044	0.067	0.132
1751	17.50	0.264	0.454	0.659	0.812	0.856	0.763	0.560	0.316	0.119	0.045
1761	17.60	0.121	0.320	0.569	0.776	0.889	0.819	0.649	0.424	0.223	0.110
1771	17.70	0.108	0.200	0.330	0.435	0.465	0.400	0.250	0.051	-0.162	-0.365
1781	17.80	-0.561	-0.766	-1.002	-1.268	-1.538	-1.759	-1.870	-1.828	-1.636	-1.341
1791	17.90	-1.029	-0.790	-0.680	-0.704	-0.807	-0.904	-0.919	-0.813	-0.610	-0.379
1801	18.00	-0.203	-0.136	-0.179	-0.279	-0.354	-0.335	-0.201	0.010	0.218	0.336
1811	18.10	0.317	0.170	-0.041	-0.230	-0.327	-0.312	-0.221	-0.128	-0.109	-0.204
1821	18.20	-0.405	-0.656	-0.880	-1.013	-1.028	-0.942	-0.805	-0.675	-0.598	-0.586
1831	18.30	-0.619	-0.650	-0.628	-0.513	-0.292	0.013	0.349	0.645	0.837	0.888
1841	18.40	0.805	0.641	0.476	0.389	0.417	0.544	0.697	0.779	0.716	0.498
1851	18.50	0.192	-0.076	-0.171	-0.011	0.395	0.935	1.441	1.748	1.762	1.496
1861	18.60	1.066	0.638	0.364	0.330	0.527	0.865	1.221	1.480	1.573	1.487
1871	18.70	1.251	0.915	0.527	0.129	-0.239	-0.542	-0.743	-0.815	-0.757	-0.597
1881	18.80	-0.391	-0.205	-0.093	-0.072	-0.125	-0.207	-0.266	-0.272	-0.222	-0.140
1891	18.90	-0.061	-0.014	-0.006	-0.027	-0.056	-0.073	-0.067	-0.042	-0.005	0.037
1901	19.00	0.085	0.146	0.227	0.327	0.435	0.530	0.591	0.601	0.555	0.464
1911	19.10	0.349	0.241	0.169	0.154	0.205	0.315	0.455	0.586	0.671	0.684
1921	19.20	0.625	0.522	0.422	0.368	0.384	0.457	0.545	0.592	0.560	0.441
1931	19.30	0.273	0.114	0.022	0.024	0.107	0.222	0.318	0.358	0.346	0.307
1941	19.40	0.270	0.235	0.165	-0.004	-0.324	-0.794	-1.331	-1.790	-2.005	-1.863
1951	19.50	-1.357	-0.603	0.192	0.800	1.061	0.934	0.510	-0.032	-0.501	-0.770
1961	19.60	-0.613	-0.702	-0.558	-0.491	-0.543	-0.682	-0.822	-0.872	-0.779	-0.555
1971	19.70	-0.268	-0.007	0.153	0.180	0.092	-0.065	-0.243	-0.407	-0.553	-0.688
1981	19.80	-0.820	-0.946	-1.045	-1.094	-1.077	-1.002	-0.896	-0.795	-0.729	-0.705
1991	19.90	-0.706	-0.696	-0.638	-0.505	-0.293	-0.016	0.294	0.602	0.867	1.053

Table 7-43-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1235 1310-GR-1-1 U-D (U-D) SHARI BRIDGE MAX. ACC. = -6.152 (GAL) T= 44.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	1.127	1.067	0.870	0.561	0.192	-0.163	-0.429	-0.558	-0.541	-0.418
2011	20.10	-0.258	-0.133	-0.085	-0.112	-0.166	-0.185	-0.119	0.036	0.234	0.398
2021	20.20	0.452	0.361	0.148	-0.108	-0.303	-0.351	-0.218	0.060	0.392	0.664
2031	20.30	0.783	0.704	0.452	0.100	-0.246	-0.490	-0.572	-0.479	-0.251	0.039
2041	20.40	0.302	0.462	0.470	0.322	0.055	-0.264	-0.557	-0.759	-0.838	-0.802
2051	20.50	-0.690	-0.553	-0.437	-0.356	-0.298	-0.228	-0.117	0.048	0.247	0.435
2061	20.60	0.560	0.587	0.514	0.373	0.220	0.109	0.078	0.132	0.247	0.381
2071	20.76	0.492	0.550	0.544	0.482	0.383	0.274	0.181	0.123	0.109	0.131
2081	20.80	0.163	0.161	0.082	-0.105	-0.394	-0.737	-1.053	-1.249	-1.261	-1.081
2091	20.90	-0.767	-0.430	-0.191	-0.133	-0.266	-0.519	-0.766	-0.877	-0.770	-0.445
2101	21.00	0.018	0.490	0.848	1.021	1.010	0.875	0.704	0.564	0.478	0.420
2111	21.10	0.339	0.198	-0.002	-0.217	-0.373	-0.408	-0.301	-0.090	0.144	0.310
2121	21.20	0.341	0.227	0.019	-0.196	-0.327	-0.317	-0.161	0.095	0.369	0.579
2131	21.30	0.664	0.600	0.405	0.120	-0.194	-0.480	-0.688	-0.785	-0.759	-0.617
2141	21.40	-0.386	-0.105	0.181	0.436	0.633	0.766	0.836	0.853	0.824	0.757
2151	21.50	0.660	0.551	0.461	0.424	0.464	0.582	0.744	0.883	0.922	0.803
2161	21.60	0.517	0.112	-0.311	-0.660	-0.785	-0.720	-0.489	-0.193	0.053	0.166
2171	21.70	0.128	-0.006	-0.129	-0.128	0.071	0.473	1.010	1.563	2.005	2.239
2181	21.80	2.232	2.018	1.679	1.317	1.017	0.827	0.749	0.753	0.791	0.828
2191	21.90	0.843	0.840	0.835	0.842	0.866	0.899	0.926	0.935	0.925	0.904
2201	22.00	0.886	0.875	0.855	0.795	0.654	0.410	0.073	-0.305	-0.643	-0.858
2211	22.10	-0.900	-0.775	-0.551	-0.335	-0.234	-0.313	-0.567	-0.923	-1.264	-1.472
2221	22.20	-1.475	-1.267	-0.909	-0.500	-0.145	0.082	0.154	0.087	-0.080	-0.302
2231	22.30	-0.555	-0.829	-1.127	-1.448	-1.777	-2.083	-2.319	-2.445	-2.435	-2.290
2241	22.40	-2.036	-1.725	-1.410	-1.140	-0.939	-0.808	-0.721	-0.643	-0.546	-0.421
2251	22.50	-0.287	-0.184	-0.153	-0.220	-0.368	-0.543	-0.663	-0.654	-0.481	-0.169
2261	22.60	0.193	0.482	0.582	0.432	0.047	-0.485	-1.035	-1.483	-1.756	-1.852
2271	22.70	-1.824	-1.751	-1.693	-1.669	-1.654	-1.601	-1.474	-1.278	-1.058	-0.884
2281	22.80	-0.810	-0.843	-0.929	-0.974	-0.877	-0.583	-0.111	0.445	0.943	1.253
2291	22.90	1.303	1.110	0.773	0.433	0.222	0.208	0.375	0.635	0.868	0.969
2301	23.00	0.896	0.677	0.396	0.157	0.036	0.051	0.162	0.289	0.351	0.301
2311	23.10	0.145	-0.063	-0.251	-0.358	-0.362	-0.287	-0.188	-0.115	-0.094	-0.103
2321	23.20	-0.087	0.016	0.247	0.596	1.005	1.384	1.649	1.750	1.690	1.521
2331	23.30	1.317	1.143	1.033	0.981	0.953	0.916	0.848	0.759	0.674	0.826
2341	23.40	0.630	0.682	0.760	0.844	0.927	1.021	1.154	1.350	1.606	1.889
2351	23.50	2.135	2.275	2.256	2.066	1.738	1.343	0.962	0.662	0.482	0.420
2361	23.60	0.443	0.504	0.557	0.572	0.543	0.483	0.425	0.404	0.445	0.550
2371	23.70	0.691	0.806	0.822	0.674	0.336	-0.158	-0.713	-1.197	-1.481	-1.487
2381	23.80	-1.224	-0.787	-0.329	-0.008	0.073	-0.095	-0.423	-0.757	-0.936	-0.853
2391	23.90	-0.491	0.070	0.689	1.208	1.513	1.557	1.371	1.040	0.664	0.328
2401	24.00	0.079	-0.072	-0.140	-0.145	-0.096	0.005	0.163	0.363	0.569	0.715
2411	24.10	0.729	0.552	0.172	-0.364	-0.955	-1.471	-1.795	-1.865	-1.702	-1.403
2421	24.20	-1.109	-0.955	-1.021	-1.305	-1.722	-2.142	-2.437	-2.527	-2.406	-2.135
2431	24.30	-1.807	-1.512	-1.301	-1.180	-1.119	-1.082	-1.048	-1.023	-1.034	-1.106
2441	24.40	-1.244	-1.418	-1.569	-1.626	-1.535	-1.280	-0.886	-0.419	0.039	0.414
2451	24.50	0.660	0.774	0.791	0.774	0.783	0.857	0.988	1.121	1.172	1.059
2461	24.60	0.741	0.250	-0.309	-0.783	-1.021	-0.937	-0.544	0.040	0.636	1.069
2471	24.70	1.238	1.151	0.915	0.689	0.604	0.706	0.941	1.178	1.273	1.139
2481	24.80	0.781	0.295	-0.177	-0.512	-0.649	-0.608	-0.465	-0.306	-0.181	-0.091
2491	24.90	0.008	0.168	0.412	0.715	1.016	1.245	1.353	1.341	1.247	1.127

Table 7-43-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1235 1310-GR-1-1 U-D (U-D) SHARI BRIDGE MAX. ACC. = -6.152 (GAL) T= 44.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.026	0.953	0.883	0.774	0.588	0.314	-0.031	-0.410	-0.785	-1.131
2511	25.10	-1.438	-1.701	-1.908	-2.037	-2.054	-1.933	-1.670	-1.294	-0.864	-0.451
2521	25.20	-0.115	0.112	0.236	0.290	0.320	0.364	0.442	0.551	0.670	0.769
2531	25.30	0.817	0.794	0.692	0.518	0.299	0.076	-0.102	-0.191	-0.168	-0.041
2541	25.40	0.151	0.348	0.490	0.539	0.491	0.379	0.255	0.166	0.139	0.173
2551	25.50	0.246	0.326	0.394	0.442	0.473	0.485	0.465	0.390	0.242	0.025
2561	25.60	-0.226	-0.450	-0.585	-0.597	-0.502	-0.369	-0.289	-0.329	-0.501	-0.742
2571	25.70	-0.936	-0.967	-0.770	-0.371	0.125	0.570	0.838	0.876	0.721	0.474
2581	25.80	0.247	0.105	0.041	-0.010	-0.128	-0.355	-0.660	-0.958	-1.149	-1.177
2591	25.90	-1.068	-0.926	-0.880	-1.022	-1.355	-1.778	-2.135	-2.280	-2.146	-1.776
2601	26.00	-1.300	-0.871	-0.597	-0.487	-0.465	-0.409	-0.226	0.101	0.498	0.841
2611	26.10	1.010	0.953	0.702	0.361	0.050	-0.143	-0.195	-0.144	-0.052	0.034
2621	26.20	0.106	0.199	0.357	0.604	0.918	1.234	1.473	1.573	1.519	1.363
2631	26.30	1.113	0.894	0.732	0.637	0.589	0.560	0.532	0.500	0.475	0.470
2641	26.40	0.492	0.540	0.601	0.664	0.715	0.745	0.744	0.699	0.602	0.454
2651	26.50	0.272	0.093	-0.038	-0.083	-0.022	0.139	0.369	0.632	0.902	1.166
2661	26.60	1.431	1.702	1.974	2.224	2.419	2.527	2.541	2.480	2.383	2.289
2671	26.70	2.219	2.161	2.075	1.919	1.667	1.330	0.953	0.597	0.318	0.145
2681	26.80	0.076	0.084	0.142	0.230	0.341	0.471	0.602	0.695	0.695	0.552
2691	26.90	0.247	-0.194	-0.694	-1.157	-1.499	-1.680	-1.722	-1.699	-1.707	-1.822
2701	27.00	-2.074	-2.439	-2.850	-3.227	-3.506	-3.657	-3.685	-3.612	-3.463	-3.251
2711	27.10	-2.983	-2.668	-2.332	-2.023	-1.798	-1.699	-1.722	-1.808	-1.846	-1.711
2721	27.20	-1.318	-0.665	0.149	0.940	1.503	1.684	1.441	0.872	0.179	-0.403
2731	27.30	-0.694	-0.441	-0.332	0.041	0.262	0.184	-0.215	-0.829	-1.471	-1.953
2741	27.40	-2.161	-2.093	-1.845	-1.559	-1.356	-1.293	-1.346	-1.442	-1.506	-1.492
2751	27.50	-1.417	-1.326	-1.269	-1.256	-1.252	-1.175	-0.938	-0.479	0.209	1.075
2761	27.60	2.025	2.952	3.757	4.373	4.765	4.932	4.895	4.700	4.406	4.080
2771	27.70	3.791	3.590	3.503	3.516	3.579	3.616	3.545	3.297	2.839	2.182
2781	27.80	1.384	0.541	-0.237	-0.846	-1.219	-1.342	-1.258	-1.050	-0.812	-0.615
2791	27.90	-0.486	-0.403	-0.317	-0.189	-0.013	0.168	0.284	0.275	0.127	-0.113
2801	28.00	-0.348	-0.480	-0.452	-0.288	-0.078	0.061	0.044	-0.140	-0.425	-0.700
2811	28.10	-0.876	-0.932	-0.932	-0.986	-1.190	-1.559	-2.013	-2.402	-2.586	-2.502
2821	28.20	-2.209	-1.860	-1.626	-1.606	-1.766	-1.947	-1.940	-1.593	-0.900	-0.017
2831	28.30	0.790	1.261	1.264	0.851	0.245	-0.263	-0.434	-0.186	0.380	1.035
2841	28.40	1.534	1.720	1.588	1.275	0.975	0.848	0.937	1.157	1.339	1.316
2851	28.50	1.005	0.447	-0.212	-0.780	-1.104	-1.126	-0.901	-0.567	-0.282	-0.162
2861	28.60	-0.246	-0.488	-0.789	-1.043	-1.174	-1.162	-1.037	-0.859	-0.695	-0.594
2871	28.70	-0.578	-0.642	-0.762	-0.901	-1.017	-1.070	-1.024	-0.863	-0.594	-0.254
2881	28.80	0.090	0.362	0.495	0.459	0.276	0.014	-0.232	-0.371	-0.347	-0.159
2891	28.90	0.140	0.466	0.737	0.893	0.917	0.830	0.674	0.492	0.318	0.169
2901	29.00	0.052	-0.029	-0.074	-0.085	-0.078	-0.081	-0.129	-0.241	-0.409	-0.581
2911	29.10	-0.678	-0.615	-0.341	0.128	0.707	1.257	1.632	1.729	1.528	1.101
2921	29.20	0.587	0.149	-0.083	-0.047	0.230	0.655	1.088	1.405	1.511	1.375
2931	29.30	1.025	0.541	0.029	-0.403	-0.675	-0.752	-0.650	-0.426	-0.167	0.046
2941	29.40	0.154	0.132	-0.011	-0.248	-0.556	-0.920	-1.340	-1.810	-2.305	-2.773
2951	29.50	-3.134	-3.309	-3.242	-2.925	-2.404	-1.757	-1.074	-0.420	0.168	0.683
2961	29.60	1.125	1.476	1.699	1.749	1.595	1.255	0.805	0.360	0.041	-0.074
2971	29.70	0.017	0.234	0.451	0.547	0.459	0.211	-0.095	-0.324	-0.363	-0.175
2981	29.80	0.187	0.594	0.903	1.006	0.879	0.586	0.253	0.007	-0.074	0.005
2991	29.90	0.159	0.260	0.190	-0.109	-0.616	-1.239	-1.857	-2.363	-2.700	-2.863

Table 7-43-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1235 1310-GR-1-1 U-D (U-D) SHARI BRIDGE MAX. ACC. = -6.152 (GAL) T= 44.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-2.879	-2.776	-2.553	-2.179	-1.614	-0.848	0.066	1.005	1.803	2.306
3011	30.10	2.428	2.188	1.700	1.135	0.656	0.363	0.272	0.332	0.467	0.624
3021	30.20	0.800	1.030	1.353	1.771	2.231	2.638	2.894	2.947	2.820	2.598
3031	30.30	2.387	2.260	2.218	2.185	2.051	1.726	1.194	0.530	-0.134	-0.657
3041	30.40	-0.953	-1.019	-0.930	-0.792	-0.693	-0.668	-0.693	-0.714	-0.678	-0.568
3051	30.50	-0.399	-0.199	0.021	0.278	0.615	1.069	1.637	2.265	2.852	3.291
3061	30.60	3.508	3.488	3.276	2.946	2.572	2.197	1.833	1.484	1.167	0.925
3071	30.70	0.811	0.850	1.010	1.187	1.233	1.011	0.457	-0.385	-1.369	-2.297
3081	30.80	-2.994	-3.366	-3.420	-3.245	-2.953	-2.635	-2.328	-2.025	-1.708	-1.379
3091	30.90	-1.068	-0.815	-0.638	-0.502	-0.331	-0.043	0.403	0.961	1.511	1.899
3101	31.00	2.016	1.855	1.517	1.177	0.988	1.012	1.178	1.316	1.244	0.868
3111	31.10	0.239	-0.455	-0.968	-1.107	-0.828	-0.258	0.353	0.738	0.723	0.293
3121	31.20	-0.413	-1.178	-1.793	-2.146	-2.237	-2.154	-2.008	-1.873	-1.765	-1.652
3131	31.30	-1.500	-1.302	-1.098	-0.949	-0.901	-0.954	-1.055	-1.128	-1.116	-1.018
3141	31.40	-0.890	-0.823	-0.890	-1.106	-1.409	-1.689	-1.836	-1.795	-1.593	-1.335
3151	31.50	-1.155	-1.159	-1.382	-1.770	-2.208	-2.564	-2.736	-2.683	-2.429	-2.040
3161	31.60	-1.592	-1.148	-0.746	-0.404	-0.133	0.055	0.147	0.135	0.029	-0.136
3171	31.70	-0.307	-0.423	-0.443	-0.352	-0.175	0.036	0.217	0.314	0.300	0.177
3181	31.80	-0.025	-0.266	-0.508	-0.729	-0.922	-1.092	-1.243	-1.368	-1.452	-1.475
3191	31.90	-1.425	-1.311	-1.163	-1.024	-0.933	-0.899	-0.894	-0.857	-0.719	-0.436
3201	32.00	-0.015	0.475	0.923	1.214	1.275	1.108	0.792	0.451	0.211	0.149
3211	32.10	0.264	0.489	0.720	0.863	0.878	0.785	0.648	0.543	0.515	0.561
3221	32.20	0.637	0.688	0.677	0.613	0.545	0.540	0.667	0.870	1.166	1.456
3231	32.30	1.667	1.764	1.763	1.720	1.706	1.765	1.891	2.026	2.086	1.999
3241	32.40	1.741	1.349	0.914	0.544	0.325	0.290	0.406	0.593	0.760	0.832
3251	32.50	0.778	0.614	0.386	0.150	-0.050	-0.188	-0.253	-0.242	-0.153	0.009
3261	32.60	0.230	0.668	0.662	0.744	0.667	0.428	0.088	-0.241	-0.426	-0.362
3271	32.70	-0.009	0.588	1.310	2.005	2.533	2.808	2.819	2.617	2.293	1.936
3281	32.80	1.615	1.364	1.189	1.076	1.003	0.944	0.873	0.761	0.589	0.355
3291	32.90	0.085	-0.172	-0.361	-0.443	-0.420	-0.342	-0.292	-0.353	-0.568	-0.913
3301	33.00	-1.301	-1.611	-1.742	-1.653	-1.384	-1.037	-0.738	-0.577	-0.575	-0.681
3311	33.10	-0.797	-0.831	-0.739	-0.544	-0.325	-0.174	-0.153	-0.260	-0.432	-0.570
3321	33.20	-0.581	-0.419	-0.105	0.285	0.646	0.880	0.929	0.782	0.471	0.053
3331	33.30	-0.415	-0.884	-1.318	-1.691	-1.974	-2.138	-2.157	-2.016	-1.724	-1.320
3341	33.40	-0.866	-0.429	-0.063	0.209	0.406	0.576	0.777	1.049	1.391	1.758
3351	33.50	2.077	2.276	2.318	2.222	2.056	1.915	1.870	1.939	2.065	2.139
3361	33.60	2.042	1.695	1.105	0.368	-0.359	-0.914	-1.189	-1.168	-0.932	-0.621
3371	33.70	-0.389	-0.342	-0.516	-0.868	-1.307	-1.728	-2.043	-2.202	-2.188	-2.007
3381	33.80	-1.676	-1.215	-0.648	-0.016	0.628	1.213	1.673	1.954	2.039	1.946
3391	33.90	1.730	1.461	1.209	1.022	0.918	0.881	0.874	0.851	0.778	0.635
3401	34.00	0.426	0.171	-0.109	-0.600	-0.700	-1.021	-1.375	-1.761	-2.160	-2.538
3411	34.10	-2.853	-3.079	-3.213	-3.278	-3.307	-3.325	-3.326	-3.271	-3.100	-2.757
3421	34.20	-2.223	-1.525	-0.738	0.045	0.745	1.322	1.782	2.159	2.491	2.789
3431	34.30	3.034	3.184	3.200	3.069	2.814	2.480	2.113	1.739	1.369	0.922
3441	34.40	0.437	-0.090	-0.610	-1.048	-1.339	-1.455	-1.426	-1.326	-1.238	-1.220
3451	34.50	-1.277	-1.358	-1.385	-1.290	-1.054	-0.715	-0.357	-0.083	0.034	-0.032
3461	34.60	-0.265	-0.526	-0.774	-0.903	-0.859	-0.632	-0.262	0.179	0.600	0.918
3471	34.70	1.075	1.057	0.897	0.664	0.439	0.285	0.226	0.236	0.257	0.225
3481	34.80	0.099	-0.122	-0.403	-0.690	-0.939	-1.130	-1.271	-1.381	-1.474	-1.539
3491	34.90	-1.550	-1.483	-1.333	-1.132	-0.932	-0.785	-0.712	-0.683	-0.633	-0.492

Table 7-43-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1235 1310-GR-1-1 U-D (U-D) SHARI BRIDGE MAX. ACC. = -6.152 (GAL) T= 44.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.221	0.154	0.550	0.853	0.973	0.883	0.632	0.326	0.081	-0.029
3511	35.10	0.002	0.116	0.229	0.273	0.238	0.172	0.155	0.257	0.496	0.827
3521	35.20	1.153	1.365	1.392	1.223	0.912	0.557	0.254	0.067	0.011	0.049
3531	35.30	0.123	0.179	0.187	0.152	0.101	0.068	0.069	0.091	0.100	0.051
3541	35.40	-0.089	-0.322	-0.611	-0.894	-1.104	-1.195	-1.165	-1.053	-0.931	-0.864
3551	35.50	-0.887	-0.987	-1.104	-1.162	-1.102	-0.913	-0.640	-0.367	-0.183	-0.141
3561	35.60	-0.243	-0.436	-0.643	-0.794	-0.855	-0.836	-0.777	-0.716	-0.672	-0.632
3571	35.70	-0.570	-0.462	-0.315	-0.170	-0.087	-0.115	-0.267	-0.508	-0.764	-0.951
3581	35.80	-1.010	-0.930	-0.751	-0.541	-0.370	-0.283	-0.286	-0.355	-0.450	-0.538
3591	35.90	-0.599	-0.631	-0.639	-0.625	-0.584	-0.511	-0.402	-0.268	-0.129	-0.006
3601	36.00	0.091	0.176	0.284	0.466	0.768	1.205	1.752	2.339	2.866	3.224
3611	36.10	3.331	3.152	2.717	2.117	1.479	0.939	0.595	0.689	0.587	0.802
3621	36.20	1.021	1.150	1.147	1.036	0.893	0.811	0.859	1.050	1.340	1.660
3631	36.30	1.862	1.953	1.912	1.788	1.652	1.563	1.542	1.569	1.601	1.596
3641	36.40	1.541	1.455	1.376	1.338	1.344	1.365	1.348	1.250	1.059	0.809
3651	36.50	0.567	0.405	0.361	0.424	0.530	0.591	0.533	0.332	0.021	-0.318
3661	36.60	-0.593	-0.738	-0.739	-0.635	-0.499	-0.397	-0.357	-0.357	-0.338	-0.227
3671	36.70	0.017	0.387	0.823	1.233	1.527	1.655	1.619	1.473	1.292	1.142
3681	36.80	1.050	1.000	0.941	0.817	0.597	0.291	-0.056	-0.381	-0.636	-0.802
3691	36.90	-0.898	-0.966	-1.045	-1.146	-1.249	-1.309	-1.284	-1.155	-0.949	-0.724
3701	37.00	-0.552	-0.490	-0.556	-0.726	-0.948	-1.166	-1.344	-1.473	-1.561	-1.616
3711	37.10	-1.629	-1.571	-1.402	-1.102	-0.689	-0.225	0.193	0.470	0.550	0.433
3721	37.20	0.180	-0.112	-0.343	-0.451	-0.418	-0.278	-0.089	0.090	0.212	0.259
3731	37.30	0.226	0.121	-0.044	-0.249	-0.462	-0.634	-0.711	-0.642	-0.407	-0.024
3741	37.40	0.444	0.909	1.279	1.489	1.510	1.359	1.079	0.730	0.344	0.027
3751	37.50	-0.250	-0.443	-0.531	-0.502	-0.359	-0.121	0.173	0.467	0.701	0.824
3761	37.60	0.799	0.609	0.262	-0.215	-0.775	-1.353	-1.883	-2.305	-2.583	-2.714
3771	37.70	-2.730	-2.686	-2.632	-2.593	-2.560	-2.495	-2.359	-2.136	-1.853	-1.577
3781	37.80	-1.383	-1.319	-1.375	-1.484	-1.548	-1.489	-1.290	-1.015	-0.779	-0.693
3791	37.90	-0.805	-1.064	-1.335	-1.451	-1.297	-0.869	-0.293	0.219	0.454	0.286
3801	38.00	-0.270	-1.056	-1.835	-2.378	-2.547	-2.336	-1.854	-1.272	-0.755	-0.605
3811	38.10	-0.247	-0.243	-0.334	-0.466	-0.609	-0.750	-0.880	-0.978	-1.011	-0.951
3821	38.20	-0.791	-0.552	-0.279	-0.023	0.183	0.330	0.433	0.508	0.560	0.570
3831	38.30	0.505	0.338	0.073	-0.249	-0.557	-0.776	-0.856	-0.791	-0.615	-0.384
3841	38.40	-0.141	0.098	0.348	0.633	0.962	1.310	1.617	1.813	1.851	1.737
3851	38.50	1.535	1.347	1.268	1.350	1.575	1.866	2.114	2.229	2.174	1.975
3861	38.60	1.705	1.453	1.280	1.204	1.195	1.202	1.181	1.113	1.014	0.921
3871	38.70	0.869	0.870	0.908	0.948	0.950	0.896	0.796	0.686	0.617	0.629
3881	38.80	0.742	0.944	1.203	1.471	1.710	1.896	2.026	2.114	2.181	2.242
3891	38.90	2.297	2.334	2.323	2.239	2.064	1.802	1.485	1.165	0.899	0.737
3901	39.00	0.698	0.765	0.890	1.007	1.055	0.995	0.818	0.546	0.219	-0.119
3911	39.10	-0.435	-0.703	-0.911	-1.046	-1.102	-1.077	-0.986	-0.859	-0.742	-0.680
3921	39.20	-0.704	-0.809	-0.953	-1.073	-1.105	-1.021	-0.838	-0.619	-0.449	-0.399
3931	39.30	-0.497	-0.711	-0.971	-1.188	-1.300	-1.290	-1.194	-1.077	-1.008	-1.025
3941	39.40	-1.123	-1.260	-1.371	-1.403	-1.323	-1.132	-0.858	-0.542	-0.221	0.076
3951	39.50	0.313	0.497	0.622	0.700	0.751	0.803	0.880	0.993	1.135	1.275
3961	39.60	1.373	1.397	1.334	1.205	1.053	0.927	0.864	0.868	0.910	0.939
3971	39.70	0.900	0.757	0.502	0.153	-0.250	-0.664	-1.047	-1.364	-1.589	-1.703
3981	39.80	-1.698	-1.583	-1.390	-1.167	-0.967	-0.832	-0.775	-0.780	-0.811	-0.829
3991	39.90	-0.818	-0.787	-0.769	-0.793	-0.866	-0.955	-1.001	-0.939	-0.738	-0.421

Table 7–43–9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1235 1310-GR-1-1 U-D (U-D) SHARI BRIDGE MAX. ACC. = -6.152 (GAL) T= 44.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.067	0.223	0.360	0.313	0.121	-0.118	-0.293	-0.321	-0.185	0.066
4011	40.10	0.336	0.533	0.600	0.539	0.398	0.251	0.156	0.138	0.185	0.262
4021	40.20	0.330	0.369	0.378	0.371	0.361	0.357	0.357	0.363	0.381	0.430
4031	40.30	0.533	0.703	0.931	1.184	1.411	1.562	1.609	1.559	1.451	1.348
4041	40.40	1.308	1.369	1.538	1.786	2.060	2.301	2.456	2.491	2.399	2.197
4051	40.50	1.924	1.631	1.368	1.169	1.045	0.976	0.922	0.835	0.682	0.453
4061	40.60	0.163	-0.150	-0.450	-0.709	-0.920	-1.088	-1.220	-1.312	-1.350	-1.315
4071	40.70	-1.204	-1.037	-0.867	-0.754	-0.749	-0.865	-1.070	-1.296	-1.471	-1.551
4081	40.80	-1.546	-1.514	-1.536	-1.678	-1.955	-2.325	-2.701	-2.989	-3.132	-3.130
4091	40.90	-3.037	-2.935	-2.894	-2.947	-3.076	-3.231	-3.360	-3.432	-3.452	-3.452
4101	41.00	-3.462	-3.495	-3.530	-3.526	-3.441	-3.259	-3.003	-2.730	-2.508	-2.391
4111	41.10	-2.397	-2.505	-2.664	-2.815	-2.908	-2.916	-2.836	-2.675	-2.448	-2.168
4121	41.20	-1.850	-1.509	-1.167	-0.842	-0.549	-0.290	-0.058	0.158	0.356	0.522
4131	41.30	0.631	0.660	0.612	0.524	0.468	0.526	0.761	1.178	1.718	2.265
4141	41.40	2.687	2.882	2.824	2.568	2.236	1.965	1.859	1.947	2.182	2.461
4151	41.50	2.674	2.753	2.695	2.565	2.461	2.476	2.656	2.983	3.388	3.779
4161	41.60	4.077	4.243	4.289	4.263	4.228	4.229	4.280	4.358	4.421	4.428
4171	41.70	4.357	4.220	4.051	3.898	3.798	3.764	3.783	3.820	3.839	3.821
4181	41.80	3.766	3.700	3.656	3.655	3.696	3.750	3.775	3.732	3.608	3.422
4191	41.90	3.222	3.060	2.974	2.967	3.004	3.030	2.991	2.861	2.649	2.393
4201	42.00	2.142	1.928	1.754	1.591	1.393	1.123	0.767	0.344	-0.107	-0.549
4211	42.10	-0.958	-1.341	-1.719	-2.119	-2.548	-2.990	-3.409	-3.767	-4.045	-4.255
4221	42.20	-4.437	-4.639	-4.894	-5.201	-5.522	-5.793	-5.951	-5.956	-5.811	-5.557
4231	42.30	-5.256	-4.968	-4.732	-4.559	-4.435	-4.340	-4.263	-4.204	-4.175	-4.188
4241	42.40	-4.240	-4.313	-4.375	-4.396	-4.362	-4.283	-4.193	-4.130	-4.124	-4.174
4251	42.50	-4.256	-4.322	-4.334	-4.271	-4.152	-4.023	-3.943	-3.956	-4.072	-4.261
4261	42.60	-4.462	-4.604	-4.632	-4.521	-4.281	-3.951	-3.576	-3.201	-2.854	-2.552
4271	42.70	-2.303	-2.105	-1.954	-1.833	-1.713	-1.556	-1.329	-1.011	-0.615	-0.182
4281	42.80	0.228	0.558	0.783	0.919	1.022	1.167	1.416	1.794	2.273	2.786
4291	42.90	3.250	3.594	3.785	3.830	3.766	3.646	3.514	3.394	3.298	3.226
4301	43.00	3.179	3.160	3.178	3.235	3.326	3.437	3.548	3.643	3.716	3.770
4311	43.10	3.817	3.867	3.930	4.004	4.086	4.166	4.240	4.302	4.353	4.392
4321	43.20	4.424	4.456	4.498	4.556	4.634	4.721	4.797	4.834	4.805	4.700
4331	43.30	4.530	4.328	4.137	3.996	3.930	3.938	4.003	4.100	4.206	4.303
4341	43.40	4.379	4.421	4.404	4.301	4.088	3.762	3.351	2.910	2.506	2.192
4351	43.50	1.989	1.872	1.785	1.663	1.460	1.174	0.846	0.542	0.325	0.229
4361	43.60	0.240	0.303	0.337	0.262	0.027	-0.380	-0.929	-1.559	-2.196	-2.770
4371	43.70	-3.230	-3.552	-3.738	-3.815	-3.822	-3.802	-3.785	-3.790	-3.819	-3.863
4381	43.80	-3.911	-3.957	-3.998	-4.032	-4.059	-4.071	-4.063	-4.033	-3.992	-3.962
4391	43.90	-3.971	-4.045	-4.192	-4.400	-4.645	-4.901	-5.148	-5.385	-5.615	-5.838
4401	44.00	-6.031	-6.152	-6.147	-5.977	-5.643	-5.190	-4.700	-4.262	-3.935	-3.727
4411	44.10	-3.595	-3.469	-3.287	-3.023	-2.700	-2.376	-2.107	-1.926	-1.822	-1.757
4421	44.20	-1.688	-1.588	-1.467	-1.353	-1.272	-1.224	-1.179	-1.086	-0.908	-0.644
4431	44.30	-0.342	-0.081	0.069	0.077	-0.026	-0.157	-0.222	-0.158	0.040	0.318
4441	44.40	0.589	0.784	0.881	0.917	0.969	1.116	1.396	1.785	2.215	2.595
4451	44.50	2.859	2.989	3.022	3.029	3.081	3.222	3.453	3.738	4.023	4.261
4461	44.60	4.425	4.518	4.561	4.582	4.602	4.635	4.678	4.725	4.768	4.805
4471	44.70	4.837	4.871	4.916	4.976	5.049	5.125	5.185	5.206	5.171	5.070
4481	44.80	4.908	4.699	4.464	4.221	3.979	3.741	3.505	3.277	3.075	2.924
4491	44.90	2.849	2.858	2.931	3.023	3.066	2.997	2.774	2.339	1.870	1.273

Table 7–43–10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1235 1310-GR-1-1 U-D (U-D) SHARI BRIDGE MAX. ACC. = -6.152 (GAL) T= 44.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.659	0.082	-0.423	-0.835	-1.150	-1.369	-1.501	-1.565	-1.588	-1.606
4511	45.10	-1.651	-1.742	-1.873	-2.012	-2.114	-2.141	-2.082	-1.963	-1.841	-1.779
4521	45.20	-1.822	-1.972	-2.192	-2.416	-2.581	-2.655	-2.647	-2.607	-2.593	-2.646
4531	45.30	-2.747	-2.919	-3.039	-3.076	-3.014	-2.883	-2.752	-2.696	-2.764	-2.958
4541	45.40	-3.231	-3.504	-3.701	-3.781	-3.749	-3.651	-3.557	-3.521	-3.570	-3.687
4551	45.50	-3.829	-3.944	-3.996	-3.974	-3.894	-3.783	-3.663	-3.542	-3.414	-3.272
4561	45.60	-3.115	-2.958	-2.834	-2.773	-2.795	-2.891	-3.027	-3.150	-3.213	-3.186
4571	45.70	-3.066	-2.877	-2.654	-2.427	-2.210	-1.999	-1.776	-1.521	-1.225	-0.889
4581	45.80	-0.528	-0.163	0.183	0.492	0.747	0.936	1.051	1.092	1.070	1.013
4591	45.90	0.955	0.932	0.966	1.059	1.187	1.308	1.381	1.383	1.319	1.223
4601	46.00	1.147	1.144	1.246	1.453	1.732	2.032	2.294	2.471	2.540	2.502
4611	46.10	2.379	2.204	2.012	1.831	1.679	1.564	1.485	1.436	1.499	1.393
4621	46.20	1.380	1.363	1.337	1.301	1.256	1.210	1.170	1.147	1.149	1.184
4631	46.30	1.254	1.356	1.483	1.626	1.776	1.923	2.062	2.184	2.280	2.339
4641	46.40	2.352	2.319	2.248	2.156	2.066	1.997	1.957	1.939	1.923	1.884
4651	46.50	1.806	1.684	1.534	1.381	1.250	1.153	1.086	1.029	0.959	0.858
4661	46.60	0.726	0.577	0.436	0.327	0.263	0.243	0.257	0.286	0.315	0.335
4671	46.70	0.341	0.332	0.305	0.257	0.185	0.094	-0.006	-0.099	-0.170	-0.212
4681	46.80	-0.226	-0.223	-0.219	-0.226	-0.251	-0.293	-0.348	-0.412	-0.483	-0.563
4691	46.90	-0.650	-0.738	-0.815	-0.866	-0.876	-0.838	-0.755	-0.635	-0.488	-0.324
4701	47.00	-0.150	0.022	0.177	0.291	0.339	0.306	0.197	0.040	-0.117	-0.222
4711	47.10	-0.240	-0.164	-0.024	0.133	0.254	0.309	0.301	0.259	0.228	0.243
4721	47.20	0.316	0.431	0.554	0.647	0.686	0.665	0.596	0.497	0.381	0.253
4731	47.30	0.114	-0.033	-0.174	-0.290	-0.359	-0.373	-0.343	-0.298	-0.273	-0.293
4741	47.40	-0.359	-0.445	-0.511	-0.516	-0.443	-0.307	-0.147	-0.014	0.054	0.049
4751	47.50	-0.006	-0.066	-0.084	-0.031	0.093	0.259	0.424	0.544	0.592	0.560
4761	47.60	0.465	0.334	0.199	0.084	0.007	-0.027	-0.025	0.000	0.028	0.038
4771	47.70	0.013	-0.051	-0.149	-0.260	-0.359	-0.425	-0.440	-0.414	-0.362	-0.304
4781	47.80	-0.259	-0.233	-0.222	-0.209	-0.180	-0.119	-0.022	0.110	0.274	0.460
4791	47.90	0.657	0.848	1.012	1.125	1.172	1.151	1.084	1.010	0.973	1.007
4801	48.00	1.119	1.281	1.440	1.533	1.518	1.386	1.165	0.907	0.666	0.472
4811	48.10	0.321	0.180	0.009	-0.216	-0.487	-0.761	-0.983	-1.105	-1.116	-1.045
4821	48.20	-0.951	-0.899	-0.936	-1.059	-1.239	-1.415	-1.531	-1.557	-1.500	-1.396
4831	48.30	-1.293	-1.230	-1.220	-1.248	-1.284	-1.297	-1.272	-1.217	-1.156	-1.122
4841	48.40	-1.138	-1.213	-1.334	-1.473	-1.603	-1.701	-1.757	-1.776	-1.768	-1.747
4851	48.50	-1.722	-1.698	-1.680	-1.671	-1.681	-1.717	-1.782	-1.866	-1.947	-1.992
4861	48.60	-1.974	-1.886	-1.749	-1.613	-1.542	-1.588	-1.768	-2.049	-2.358	-2.608
4871	48.70	-2.734	-2.721	-2.609	-2.481	-2.415	-2.455	-2.587	-2.748	-2.858	-2.868
4881	48.80	-2.786	-2.677	-2.628	-2.701	-2.892	-3.133	-3.314	-3.353	-3.242	-3.066
4891	48.90	-2.970	-3.086	-3.450	-3.959	-4.380	-4.435	-3.908	-2.743	-1.088	0.750

Table 7-44-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-2.423	-3.584	-4.248	-4.418	-4.241	-3.943	-3.735	-3.741	-3.965	-4.313
11	0.10	-4.639	-4.812	-4.753	-4.450	-3.942	-3.299	-2.595	-1.899	-1.275	-0.781
21	0.20	-0.465	-0.355	-0.448	-0.702	-1.051	-1.417	-1.741	-1.992	-2.171	-2.293
31	0.30	-2.372	-2.401	-2.358	-2.220	-1.980	-1.666	-1.341	-1.079	-0.969	-0.981
41	0.40	-1.163	-1.450	-1.782	-2.112	-2.414	-2.684	-2.925	-3.134	-3.287	-3.345
51	0.50	-3.265	-3.024	-2.621	-2.087	-1.474	-0.838	-0.230	0.307	0.737	1.027
61	0.60	1.150	1.091	0.858	0.493	0.067	-0.329	-0.612	-0.731	-0.686	-0.524
71	0.70	-0.326	-0.178	-0.148	-0.264	-0.514	-0.853	-1.216	-1.536	-1.746	-1.795
81	0.80	-1.646	-1.294	-0.768	-0.141	0.482	0.983	1.264	1.277	1.044	0.647
91	0.90	0.207	-0.164	-0.396	-0.481	-0.465	-0.414	-0.379	-0.364	-0.322	-0.181
101	1.00	0.125	0.616	1.248	1.924	2.520	2.925	3.070	2.937	2.552	1.965
111	1.10	1.228	0.392	-0.496	-1.381	-2.191	-2.844	-3.263	-3.399	-3.247	-2.850
121	1.20	-2.285	-1.641	-0.991	-0.382	0.172	0.672	1.127	1.534	1.878	2.140
131	1.30	2.303	2.363	2.328	2.210	2.021	1.760	1.420	0.992	0.478	-0.102
141	1.40	-0.701	-1.253	-1.681	-1.911	-1.888	-1.588	-1.023	-0.245	0.658	1.580
151	1.50	2.411	3.060	3.467	3.613	3.518	3.225	2.787	2.253	1.662	1.049
161	1.60	0.451	-0.086	-0.508	-0.767	-0.837	-0.726	-0.480	-0.172	0.117	0.324
171	1.70	0.415	0.389	0.269	0.082	-0.148	-0.403	-0.668	-0.916	-1.104	-1.175
181	1.80	-1.079	-0.787	-0.315	0.278	0.901	1.450	1.841	2.078	2.008	1.818
191	1.90	1.517	1.170	0.835	0.559	0.372	0.294	0.329	0.466	0.676	0.916
201	2.00	1.133	1.281	1.330	1.277	1.148	0.995	0.876	0.841	0.915	1.084
211	2.10	1.298	1.475	1.521	1.357	0.936	0.260	-0.609	-1.568	-2.485	-3.226
221	2.20	-3.677	-3.761	-3.439	-2.714	-1.628	-0.259	1.272	2.809	4.174	5.190
231	2.30	5.719	5.696	5.152	4.206	3.035	1.825	0.725	-0.184	-0.882	-1.392
241	2.40	-1.735	-1.911	-1.897	-1.673	-1.259	-0.736	-0.245	0.058	0.061	-0.249
251	2.50	-0.768	-1.307	-1.657	-1.671	-1.327	-0.730	-0.077	0.430	0.658	0.588
261	2.60	0.314	-0.011	-0.246	-0.315	-0.232	-0.075	0.059	0.104	0.058	-0.027
271	2.70	-0.074	-0.019	0.160	0.440	0.766	1.082	1.348	1.550	1.686	1.757
281	2.80	1.756	1.667	1.480	1.201	0.860	0.497	0.153	-0.149	-0.413	-0.659
291	2.90	-0.914	-1.186	-1.465	-1.720	-1.917	-2.039	-2.089	-2.090	-2.069	-2.040
301	3.00	-1.995	-1.909	-1.751	-1.509	-1.194	-0.848	-0.524	-0.269	-0.110	-0.043
311	3.10	-0.045	-0.084	-0.135	-0.187	-0.245	-0.316	-0.404	-0.499	-0.579	-0.613
321	3.20	-0.570	-0.429	-0.185	0.141	0.507	0.851	1.102	1.194	1.088	0.783
331	3.30	0.323	-0.212	-0.729	-1.150	-1.431	-1.578	-1.630	-1.643	-1.658	-1.684
341	3.40	-1.693	-1.636	-1.468	-1.169	-0.759	-0.289	0.167	0.541	0.777	0.846
351	3.50	0.741	0.470	0.058	-0.454	-1.010	-1.537	-1.958	-2.208	-2.248	-2.081
361	3.60	-1.749	-1.322	-0.870	-0.447	-0.079	0.240	0.530	0.811	1.068	1.342
371	3.70	1.539	1.636	1.597	1.404	1.063	0.605	0.082	-0.443	-0.907	-1.267
381	3.80	-1.506	-1.641	-1.717	-1.787	-1.894	-2.045	-2.206	-2.314	-2.301	-2.128
391	3.90	-1.805	-1.399	-1.011	-0.738	-0.638	-0.705	-0.866	-1.009	-1.020	-0.818
401	4.00	-0.380	0.255	1.005	1.762	2.423	2.899	3.135	3.107	2.829	2.350
411	4.10	1.751	1.128	0.576	0.168	-0.062	-0.115	-0.019	0.195	0.501	0.888
421	4.20	1.344	1.834	2.287	2.592	2.626	2.292	1.561	0.494	-0.760	-2.001
431	4.30	-3.030	-3.695	-3.923	-3.718	-3.140	-2.278	-1.222	-0.058	1.128	2.242
441	4.40	3.178	3.835	4.135	4.050	3.610	2.897	2.019	1.080	0.165	-0.675
451	4.50	-1.403	-1.987	-2.385	-2.553	-2.458	-2.105	-1.567	-0.887	-0.253	0.240
461	4.60	0.515	0.554	0.395	0.110	-0.219	-0.525	-0.763	-0.912	-0.962	-0.912
471	4.70	-0.765	-0.535	-0.255	0.025	0.243	0.343	0.284	0.059	-0.308	-0.766
481	4.80	-1.249	-1.686	-2.008	-2.154	-2.073	-1.737	-1.166	-0.338	0.612	1.602
491	4.90	2.523	3.287	3.844	4.189	4.350	4.368	4.274	4.072	3.746	3.272

Table 7-44-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	2.641	1.877	1.031	0.177	-0.618	-1.307	-1.875	-2.331	-2.689	-2.954
511	5.10	-3.113	-3.140	-3.008	-2.713	-2.274	-1.735	-1.148	-0.552	0.037	0.627
521	5.20	1.233	1.862	2.497	3.094	3.593	3.943	4.112	4.103	3.941	3.665
531	5.30	3.301	2.861	2.337	1.718	1.007	0.230	-0.559	-1.289	-1.891	-2.313
541	5.40	-2.529	-2.540	-2.367	-2.044	-1.611	-1.111	-0.594	-0.116	0.265	0.497
551	5.50	0.545	0.398	0.070	-0.401	-0.964	-1.563	-2.132	-2.603	-2.901	-2.944
561	5.60	-2.657	-1.987	-0.925	0.481	2.122	3.841	5.457	6.798	7.727	8.159
571	5.70	8.070	7.486	6.470	5.110	3.504	1.758	-0.017	-1.714	-3.228	-4.470
581	5.80	-5.373	-5.901	-6.051	-5.853	-5.363	-4.656	-3.816	-2.928	-2.074	-1.322
591	5.90	-0.722	-0.302	-0.059	0.036	0.037	0.010	0.026	0.143	0.395	0.795
601	6.00	1.327	1.956	2.637	3.313	3.929	4.423	4.735	4.806	4.587	4.053
611	6.10	3.209	2.102	0.812	-0.550	-1.869	-3.035	-3.962	-4.596	-4.910	-4.908
621	6.20	-4.618	-4.090	-3.401	-2.650	-1.950	-1.408	-1.106	-1.079	-1.307	-1.720
631	6.30	-2.220	-2.710	-3.117	-3.401	-3.554	-3.578	-3.469	-3.209	-2.770	-2.134
641	6.40	-1.313	-0.357	0.650	1.612	2.451	3.123	3.626	3.984	4.222	4.346
651	6.50	4.335	4.148	3.750	3.134	2.336	1.427	0.492	-0.400	-1.214	-1.954
661	6.60	-2.653	-3.350	-4.061	-4.776	-5.453	-6.035	-6.465	-6.697	-6.704	-6.474
671	6.70	-6.010	-5.325	-4.446	-3.418	-2.296	-1.146	-0.029	1.008	1.933	2.733
681	6.80	3.396	3.906	4.243	4.383	4.321	4.078	3.714	3.312	2.963	2.737
691	6.90	2.660	2.710	2.828	2.941	2.984	2.917	2.730	2.432	2.036	1.551
701	7.00	0.978	0.320	-0.405	-1.158	-1.880	-2.498	-2.946	-3.176	-3.176	-2.961
711	7.10	-2.575	-2.077	-1.530	-0.998	-0.536	-0.188	0.016	0.066	-0.026	-0.222
721	7.20	-0.473	-0.717	-0.895	-0.960	-0.879	-0.635	-0.227	0.331	1.009	1.766
731	7.30	2.544	3.276	3.893	4.334	4.554	4.530	4.261	3.761	3.059	2.191
741	7.40	1.198	0.129	-0.963	-2.019	-2.988	-3.826	-4.506	-5.018	-5.362	-5.539
751	7.50	-5.542	-5.354	-4.958	-4.344	-3.524	-2.543	-1.474	-0.399	0.607	1.498
761	7.60	2.266	2.935	3.543	4.120	4.665	5.145	5.501	5.675	5.624	5.344
771	7.70	4.869	4.254	3.564	2.845	2.126	1.412	0.708	0.029	-0.591	-1.096
781	7.80	-1.429	-1.552	-1.466	-1.216	-0.887	-0.587	-0.415	-0.442	-0.693	-1.148
791	7.90	-1.745	-2.397	-3.008	-3.491	-3.777	-3.827	-3.640	-3.251	-2.723	-2.142
801	8.00	-1.591	-1.132	-0.791	-0.547	-0.347	-0.115	0.218	0.695	1.320	2.059
811	8.10	2.849	3.610	4.260	4.726	4.944	4.868	4.474	3.763	2.776	1.589
821	8.20	0.306	-0.957	-2.093	-3.029	-3.727	-4.184	-4.408	-4.402	-4.158	-3.654
831	8.30	-2.885	-1.881	-0.722	0.463	1.531	2.359	2.886	3.128	3.167	3.117
841	8.40	3.081	3.118	3.235	3.405	3.597	3.799	4.026	4.296	4.605	4.893
851	8.50	5.047	4.923	4.399	3.422	2.039	0.381	-1.374	-3.064	-4.585	-5.905
861	8.60	-7.048	-8.039	-8.870	-9.470	-9.731	-9.543	-8.851	-7.685	-6.158	-4.434
871	8.70	-2.674	-0.995	0.549	1.956	3.235	4.382	5.357	6.096	6.540	6.674
881	8.80	6.535	6.215	5.827	5.469	5.193	4.995	4.826	4.618	4.305	3.840
891	8.90	3.195	2.355	1.307	0.046	-1.417	-3.039	-4.731	-6.359	-7.764	-8.786
901	9.00	-9.299	-9.233	-8.592	-7.444	-5.908	-4.128	-2.252	-0.412	1.290	2.777
911	9.10	4.000	4.926	5.532	5.800	5.722	5.308	4.600	3.676	2.648	1.650
921	9.20	0.808	0.219	-0.076	-0.094	0.095	0.390	0.681	0.870	0.880	0.655
931	9.30	0.164	-0.601	-1.620	-2.835	-4.152	-5.440	-6.560	-7.384	-7.823	-7.845
941	9.40	-7.473	-6.771	-5.826	-4.726	-3.555	-2.388	-1.299	-0.363	0.348	0.780
951	9.50	0.914	0.778	0.446	0.026	-0.361	-0.613	-0.660	-0.473	-0.063	0.533
961	9.60	1.266	2.080	2.920	3.732	4.463	5.064	5.495	5.730	5.757	5.583
971	9.70	5.229	4.729	4.121	3.450	2.764	2.106	1.516	1.018	0.619	0.303
981	9.80	0.037	-0.222	-0.517	-0.882	-1.334	-1.871	-2.481	-3.141	-3.827	-4.515
991	9.90	-5.175	-5.772	-6.251	-6.546	-6.577	-6.266	-5.555	-4.427	-2.915	-1.111

Table 7-44-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.848	2.805	4.604	6.125	7.296	8.094	8.536	8.656	8.692	8.067
1011	10.10	7.395	6.487	5.358	4.037	2.569	1.005	-0.598	-2.186	-3.696	-5.060
1021	10.20	-6.202	-7.039	-7.511	-7.589	-7.304	-6.744	-6.038	-5.324	-4.711	-4.254
1031	10.30	-3.939	-3.705	-3.464	-3.141	-2.689	-2.095	-1.369	-0.521	0.443	1.525
1041	10.40	2.715	3.976	5.228	6.358	7.238	7.767	7.892	7.628	7.046	6.252
1051	10.50	5.353	4.429	3.528	2.671	1.864	1.116	0.441	-0.141	-0.621	-1.011
1061	10.60	-1.342	-1.655	-1.987	-2.355	-2.743	-3.114	-3.415	-3.601	-3.645	-3.545
1071	10.70	-3.315	-2.985	-2.583	-2.134	-1.656	-1.162	-0.659	-0.147	0.381	0.939
1081	10.80	1.543	2.200	2.896	3.595	4.232	4.733	5.026	5.063	4.828	4.346
1091	10.90	3.668	2.860	1.993	1.130	0.323	-0.390	-0.986	-1.456	-1.812	-2.085
1101	11.00	-2.322	-2.576	-2.893	-3.297	-3.788	-4.338	-4.905	-5.440	-5.896	-6.233
1111	11.10	-6.413	-6.398	-6.154	-5.653	-4.890	-3.892	-2.718	-1.462	-0.224	0.900
1121	11.20	1.839	2.558	3.048	3.322	3.401	3.311	3.083	2.758	2.396	2.068
1131	11.30	1.842	1.770	1.868	2.111	2.441	2.788	3.089	3.307	3.434	3.480
1141	11.40	3.454	3.348	3.130	2.753	2.175	1.389	0.439	-0.580	-1.538	-2.300
1151	11.50	-2.764	-2.889	-2.700	-2.277	-1.727	-1.148	-0.606	-0.122	0.320	0.744
1161	11.60	1.166	1.570	1.913	2.139	2.206	2.107	1.879	1.593	1.329	1.144
1171	11.70	1.050	1.011	0.959	0.819	0.548	0.145	-0.343	-0.847	-1.295	-1.646
1181	11.80	-1.894	-2.064	-2.195	-2.318	-2.440	-2.545	-2.605	-2.597	-2.515	-2.374
1191	11.90	-2.206	-2.038	-1.882	-1.730	-1.553	-1.316	-0.993	-0.576	-0.081	0.458
1201	12.00	1.002	1.510	1.953	2.312	2.569	2.708	2.711	2.562	2.255	1.804
1211	12.10	1.248	0.646	0.068	-0.420	-0.780	-1.003	-1.110	-1.146	-1.153	-1.157
1221	12.20	-1.160	-1.141	-1.070	-0.929	-0.719	-0.471	-0.227	-0.032	0.091	0.147
1231	12.30	0.167	0.192	0.258	0.377	0.537	0.707	0.851	0.946	0.988	0.990
1241	12.40	0.971	0.947	0.917	0.866	0.769	0.600	0.341	-0.011	-0.446	-0.943
1251	12.50	-1.472	-2.000	-2.492	-2.913	-3.230	-3.415	-3.443	-3.294	-2.954	-2.412
1261	12.60	-1.672	-0.757	0.279	1.353	2.352	3.161	3.686	3.879	3.756	3.390
1271	12.70	2.886	2.351	1.857	1.435	1.068	0.727	0.385	0.048	-0.248	-0.453
1281	12.80	-0.523	-0.441	-0.226	0.078	0.420	0.759	1.075	1.364	1.625	1.839
1291	12.90	1.972	1.970	1.784	1.385	0.776	-0.005	-0.892	-1.807	-2.676	-3.435
1301	13.00	-4.035	-4.439	-4.631	-4.610	-4.399	-4.046	-3.613	-3.165	-2.756	-2.410
1311	13.10	-2.122	-1.861	-1.585	-1.258	-0.864	-0.411	0.073	0.550	0.984	1.350
1321	13.20	1.635	1.844	1.990	2.086	2.145	2.167	2.145	2.062	1.909	1.684
1331	13.30	1.410	1.124	0.879	0.719	0.666	0.707	0.803	0.906	0.979	1.022
1341	13.40	1.073	1.193	1.436	1.816	2.295	2.782	3.168	3.364	3.331	3.093
1351	13.50	2.724	2.307	1.907	1.541	1.185	0.798	0.347	-0.160	-0.681	-1.148
1361	13.60	-1.502	-1.712	-1.792	-1.788	-1.757	-1.750	-1.791	-1.886	-2.031	-2.222
1371	13.70	-2.467	-2.772	-3.135	-3.532	-3.918	-4.235	-4.431	-4.477	-4.373	-4.147
1381	13.80	-3.839	-3.488	-3.124	-2.762	-2.415	-2.093	-1.804	-1.552	-1.326	-1.097
1391	13.90	-0.819	-0.449	0.037	0.630	1.286	1.935	2.500	2.916	3.143	3.167
1401	14.00	2.995	2.649	2.165	1.592	0.998	0.470	0.096	-0.055	0.045	0.369
1411	14.10	0.839	1.355	1.825	2.196	2.471	2.692	2.913	3.168	3.445	3.686
1421	14.20	3.813	3.757	3.492	3.045	2.489	1.916	1.408	1.019	0.764	0.627
1431	14.30	0.577	0.574	0.574	0.534	0.405	0.145	-0.275	-0.869	-1.533	-2.249
1441	14.40	-2.907	-3.425	-3.752	-3.877	-3.818	-3.600	-3.239	-2.731	-2.068	-1.254
1451	14.50	-0.334	0.603	1.438	2.049	2.352	2.324	2.007	1.489	0.866	0.215
1461	14.60	-0.422	-1.030	-1.601	-2.108	-2.499	-2.710	-2.688	-2.424	-1.971	-1.429
1471	14.70	-0.919	-0.543	-0.350	-0.325	-0.403	-0.504	-0.561	-0.548	-0.472	-0.366
1481	14.80	-0.253	-0.137	0.006	0.209	0.498	0.872	1.296	1.713	2.062	2.299
1491	14.90	2.406	2.390	2.271	2.071	1.804	1.473	1.083	0.645	0.184	-0.264

Table 7-44-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.664	-0.989	-1.231	-1.399	-1.510	-1.579	-1.606	-1.583	-1.490	-1.311
1511	15.10	-1.041	-0.686	-0.266	0.199	0.691	1.197	1.710	2.219	2.703	3.132
1521	15.20	3.471	3.687	3.762	3.697	3.511	3.236	2.905	2.547	2.183	1.824
1531	15.30	1.476	1.143	0.826	0.518	0.204	-0.139	-0.533	-0.991	-1.501	-2.024
1541	15.40	-2.499	-2.858	-3.047	-3.043	-2.862	-2.549	-2.168	-1.772	-1.392	-1.030
1551	15.50	-0.669	-0.285	0.131	0.569	0.996	1.370	1.658	1.839	1.919	1.914
1561	15.60	1.844	1.721	1.544	1.298	0.963	0.527	-0.009	-0.624	-1.285	-1.950
1571	15.70	-2.579	-3.145	-3.635	-4.050	-4.402	-4.703	-4.954	-5.136	-5.212	-5.129
1581	15.80	-4.834	-4.296	-3.519	-2.546	-1.454	-0.335	0.729	1.678	2.485	3.142
1591	15.90	3.645	3.979	4.114	4.012	3.654	3.053	2.268	1.394	0.538	-0.211
1601	16.00	-0.803	-1.234	-1.528	-1.717	-1.817	-1.819	-1.701	-1.447	-1.072	-0.625
1611	16.10	-0.181	0.182	0.413	0.508	0.503	0.463	0.451	0.514	0.670	0.921
1621	16.20	1.259	1.686	2.204	2.809	3.469	4.117	4.653	4.970	4.983	4.658
1631	16.30	4.025	3.168	2.198	1.219	0.303	-0.518	-1.243	-1.877	-2.417	-2.836
1641	16.40	-3.094	-3.156	-3.010	-2.681	-2.227	-1.724	-1.240	-0.816	-0.459	-0.153
1651	16.50	0.124	0.379	0.589	0.711	0.698	0.526	0.217	-0.160	-0.506	-0.726
1661	16.60	-0.762	-0.621	-0.370	-0.108	0.067	0.101	-0.002	-0.192	-0.405	-0.600
1671	16.70	-0.787	-1.018	-1.362	-1.860	-2.490	-3.159	-3.723	-4.041	-4.013	-3.618
1681	16.80	-2.903	-1.960	-0.882	0.260	1.422	2.565	3.625	4.496	5.046	5.157
1691	16.90	4.770	3.924	2.756	1.457	0.211	-0.862	-1.738	-2.475	-3.155	-3.831
1701	17.00	-4.484	-5.018	-5.298	-5.211	-4.710	-3.838	-2.709	-1.465	-0.225	0.943
1711	17.10	2.023	3.023	3.944	4.757	5.400	5.802	5.908	5.711	5.250	4.606
1721	17.20	3.873	3.136	2.459	1.876	1.403	1.036	0.759	0.544	0.352	0.139
1731	17.30	-0.128	-0.463	-0.849	-1.247	-1.609	-1.902	-2.117	-2.273	-2.404	-2.536
1741	17.40	-2.666	-2.762	-2.772	-2.643	-2.348	-1.895	-1.324	-0.693	-0.053	0.562
1751	17.50	1.136	1.666	2.145	2.554	2.867	3.053	3.095	2.990	2.748	2.384
1761	17.60	1.906	1.317	0.620	-0.169	-1.010	-1.837	-2.573	-3.156	-3.554	-3.782
1771	17.70	-3.891	-3.949	-4.016	-4.123	-4.267	-4.425	-4.564	-4.656	-4.681	-4.620
1781	17.80	-4.446	-4.119	-3.599	-2.867	-1.940	-0.886	0.197	1.204	2.060	2.747
1791	17.90	3.303	3.796	4.285	4.787	5.260	5.619	5.777	5.679	5.335	4.815
1801	18.00	4.216	3.621	3.059	2.502	1.879	1.125	0.220	-0.785	-1.780	-2.626
1811	18.10	-3.209	-3.476	-3.446	-3.211	-2.885	-2.571	-2.326	-2.158	-2.029	-1.883
1821	18.20	-1.668	-1.352	-0.932	-0.429	0.117	0.658	1.147	1.540	1.809	1.945
1831	18.30	1.959	1.877	1.738	1.573	1.403	1.236	1.068	0.894	0.720	0.560
1841	18.40	0.436	0.365	0.352	0.385	0.443	0.501	0.547	0.582	0.617	0.664
1851	18.50	0.724	0.786	0.828	0.831	0.792	0.725	0.656	0.611	0.600	0.616
1861	18.60	0.636	0.637	0.605	0.549	0.489	0.443	0.414	0.381	0.305	0.150
1871	18.70	-0.104	-0.444	-0.833	-1.226	-1.591	-1.923	-2.242	-2.573	-2.921	-3.258
1881	18.80	-3.516	-3.614	-3.485	-3.106	-2.510	-1.780	-1.013	-0.293	0.340	0.884
1891	18.90	1.371	1.836	2.290	2.718	3.080	3.329	3.433	3.383	3.196	2.907
1901	19.00	2.549	2.148	1.722	1.277	0.822	0.368	-0.075	-0.495	-0.887	-1.248
1911	19.10	-1.573	-1.851	-2.058	-2.167	-2.149	-1.991	-1.700	-1.309	-0.874	-0.457
1921	19.20	-0.116	0.108	0.195	0.156	0.030	-0.124	-0.232	-0.223	-0.045	0.319
1931	19.30	0.841	1.447	2.041	2.527	2.837	2.951	2.900	2.740	2.531	2.304
1941	19.40	2.054	1.740	1.317	0.762	0.095	-0.622	-1.303	-1.874	-2.300	-2.601
1951	19.50	-2.837	-3.084	-3.393	-3.768	-4.161	-4.689	-4.667	-4.638	-4.389	-3.952
1961	19.60	-3.378	-2.715	-1.988	-1.194	-0.314	0.662	1.717	2.800	3.829	4.718
1971	19.70	5.399	5.840	6.051	6.074	5.959	5.751	5.471	5.117	4.671	4.115
1981	19.80	3.440	2.651	1.767	0.815	-0.177	-1.175	-2.141	-3.022	-3.750	-4.248
1991	19.90	-4.446	-4.296	-3.790	-2.964	-1.899	-0.699	0.522	1.661	2.635	3.380

Table 7-44-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	3.850	4.012	3.848	3.359	2.577	1.569	0.429	-0.730	-1.800	-2.697
2011	20.10	-3.373	-3.816	-4.044	-4.094	-4.005	-3.817	-3.564	-3.280	-2.992	-2.723
2021	20.20	-2.481	-2.261	-2.047	-1.829	-1.614	-1.435	-1.352	-1.431	-1.719	-2.218
2031	20.30	-2.875	-3.592	-4.250	-4.748	-5.025	-5.071	-4.912	-4.587	-4.119	-3.507
2041	20.40	-2.733	-1.786	-0.686	0.505	1.690	2.761	3.638	4.286	4.724	5.005
2051	20.50	5.189	5.318	5.406	5.447	5.430	5.364	5.275	5.201	5.163	5.149
2061	20.60	5.105	4.948	4.597	4.002	3.166	2.141	1.011	-0.139	-1.241	-2.257
2071	20.70	-3.163	-3.933	-4.525	-4.876	-4.926	-4.640	-4.035	-3.183	-2.196	-1.200
2081	20.80	-0.294	0.473	1.098	1.614	2.058	2.441	2.742	2.915	2.906	2.684
2091	20.90	2.253	1.657	0.963	0.246	-0.436	-1.050	-1.586	-2.051	-2.461	-2.826
2101	21.00	-3.154	-3.450	-3.713	-3.939	-4.116	-4.226	-4.247	-4.161	-3.963	-3.669
2111	21.10	-3.318	-2.956	-2.623	-2.335	-2.079	-1.815	-1.499	-1.105	-0.640	-0.149
2121	21.20	0.304	0.659	0.891	1.018	1.096	1.194	1.358	1.587	1.834	2.019
2131	21.30	2.064	1.931	1.636	1.245	0.849	0.524	0.305	0.180	0.105	0.033
2141	21.40	-0.056	-0.139	-0.156	-0.040	0.254	0.728	1.333	1.989	2.608	3.116
2151	21.50	3.470	3.646	3.633	3.420	2.990	2.333	1.459	0.415	-0.717	-1.827
2161	21.60	-2.805	-3.561	-4.043	-4.235	-4.152	-3.820	-3.272	-2.536	-1.666	-0.650
2171	21.70	0.391	1.403	2.315	3.068	3.628	3.988	4.163	4.177	4.059	3.836
2181	21.80	3.535	3.180	2.796	2.399	1.994	1.568	1.099	0.566	-0.042	-0.710
2191	21.90	-1.403	-2.072	-2.677	-3.197	-3.632	-3.997	-4.305	-4.543	-4.671	-4.625
2201	22.00	-4.339	-3.771	-2.923	-1.844	-0.623	0.635	1.834	2.896	3.775	4.447
2211	22.10	4.901	5.138	5.163	4.992	4.652	4.182	3.623	3.016	2.392	1.771
2221	22.20	1.171	0.613	0.128	-0.245	-0.466	-0.511	-0.377	-0.096	0.278	0.674
2231	22.30	1.020	1.259	1.356	1.299	1.099	0.782	0.387	-0.041	-0.460	-0.833
2241	22.40	-1.132	-1.344	-1.462	-1.489	-1.427	-1.283	-1.070	-0.813	-0.554	-0.350
2251	22.50	-0.260	-0.331	-0.577	-0.972	-1.452	-1.935	-2.338	-2.606	-2.719	-2.691
2261	22.60	-2.557	-2.355	-2.112	-1.840	-1.543	-1.220	-0.880	-0.535	-0.196	0.131
2271	22.70	0.452	0.782	1.130	1.499	1.868	2.207	2.483	2.670	2.765	2.780
2281	22.80	2.737	2.655	2.537	2.367	2.119	1.768	1.308	0.761	0.175	-0.380
2291	22.90	-0.829	-1.105	-1.166	-0.998	-0.622	-0.079	0.573	1.281	2.004	2.719
2301	23.00	3.416	4.085	4.695	5.190	5.491	5.512	5.201	4.560	3.665	2.651
2311	23.10	1.681	0.896	0.374	0.111	0.033	0.026	-0.015	-0.162	-0.444	-0.861
2321	23.20	-1.411	-2.117	-3.021	-4.167	-5.566	-7.168	-8.850	-10.436	-11.733	-12.575
2331	23.30	-12.862	-12.570	-11.742	-10.468	-8.858	-7.029	-5.093	-3.161	-1.337	0.291
2341	23.40	1.659	2.743	3.559	4.158	4.604	4.961	5.273	5.564	5.839	6.094
2351	23.50	6.321	6.510	6.646	6.703	6.645	6.430	6.020	5.394	4.553	3.527
2361	23.60	2.371	1.159	-0.019	-1.070	-1.908	-2.473	-2.742	-2.737	-2.521	-2.175
2371	23.70	-1.778	-1.375	-0.970	-0.533	-0.022	0.584	1.267	1.968	2.611	3.134
2381	23.80	3.511	3.766	3.950	4.115	4.278	4.411	4.451	4.333	4.019	3.524
2391	23.90	2.909	2.259	1.652	1.137	0.723	0.396	0.136	-0.075	-0.250	-0.416
2401	24.00	-0.626	-0.961	-1.512	-2.348	-3.487	-4.877	-6.418	-7.986	-9.484	-10.860
2411	24.10	-12.109	-13.245	-14.261	-15.104	-15.669	-15.833	-15.502	-14.649	-13.338	-11.703
2421	24.20	-9.908	-8.100	-6.374	-4.767	-3.272	-1.871	-0.559	0.659	1.726	2.653
2431	24.30	3.429	4.073	4.615	5.082	5.479	5.800	6.033	6.174	6.239	6.250
2441	24.40	6.222	6.148	5.986	5.671	5.136	4.335	3.264	1.960	0.483	-1.101
2451	24.50	-2.742	-4.406	-6.066	-7.686	-9.206	-10.549	-11.638	-12.420	-12.891	-13.094
2461	24.60	-13.100	-12.978	-12.763	-12.443	-11.969	-11.281	-10.339	-9.141	-7.722	-6.120
2471	24.70	-4.350	-2.377	-0.124	2.493	5.512	8.883	12.450	15.977	19.211	21.947
2481	24.80	24.086	25.639	26.697	27.363	27.685	27.626	27.068	25.878	23.973	21.383
2491	24.90	18.269	14.885	11.509	8.358	5.534	3.015	0.689	-1.581	-3.890	-6.256

Table 7-44-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-8.618	-10.868	-12.898	-14.633	-16.043	-17.128	-17.888	-18.293	-18.275	-17.734
2511	25.10	-16.576	-14.740	-12.228	-9.118	-5.554	-1.722	2.177	5.960	9.481	12.646
2521	25.20	15.414	17.791	19.811	21.513	22.918	24.019	24.768	25.095	24.925	24.206
2531	25.30	22.929	21.136	18.916	16.389	13.681	10.902	8.128	5.400	2.723	0.077
2541	25.40	-2.568	-5.230	-7.908	-10.562	-13.121	-15.487	-17.558	-19.250	-20.508	-21.314
2551	25.50	-21.671	-21.582	-21.024	-19.949	-18.289	-15.995	-13.073	-9.614	-5.794	-1.846
2561	25.60	1.995	5.543	8.699	11.451	13.840	15.908	17.649	18.991	19.814	19.992
2571	25.70	19.451	18.203	16.348	14.038	11.419	8.578	5.521	2.187	-1.497	-5.554
2581	25.80	-9.918	-14.424	-18.852	-22.986	-26.681	-29.895	-32.672	-35.092	-37.195	-38.930
2591	25.90	-40.139	-40.595	-40.073	-38.433	-35.671	-31.922	-27.416	-22.398	-17.066	-11.526
2601	26.00	-5.809	0.081	6.104	12.138	17.981	23.392	28.155	32.137	35.317	37.751
2611	26.10	39.513	40.620	40.988	40.436	38.741	35.735	31.388	25.855	19.464	12.641
2621	26.20	5.813	-0.694	-6.705	-12.195	-17.234	-21.911	-26.259	-30.219	-33.642	-36.334
2631	26.30	-38.110	-38.840	-38.473	-37.035	-34.600	-31.266	-27.139	-22.334	-16.983	-11.249
2641	26.40	-5.328	0.563	6.214	11.444	16.124	20.177	23.566	26.277	28.295	29.604
2651	26.50	30.193	30.070	29.278	27.900	26.049	23.851	21.419	18.841	16.171	13.438
2661	26.60	10.657	7.839	5.000	2.154	-0.684	-3.504	-6.294	-9.032	-11.676	-14.160
2671	26.70	-16.399	-18.300	-19.779	-20.769	-21.230	-21.136	-20.478	-19.254	-17.475	-15.178
2681	26.80	-12.435	-9.362	-6.113	-2.858	0.243	3.070	5.561	7.715	9.580	11.229
2691	26.90	12.734	14.146	15.487	16.749	17.905	18.927	19.799	20.525	21.133	21.654
2701	27.00	22.100	22.440	22.571	22.325	21.482	19.829	17.214	13.607	9.127	4.030
2711	27.10	-1.341	-6.638	-11.577	-15.985	-19.808	-23.064	-25.795	-28.009	-29.664	-30.684
2721	27.20	-31.006	-30.623	-29.613	-28.115	-26.286	-24.230	-21.957	-19.380	-16.355	-12.753
2731	27.30	-8.543	-3.827	1.168	6.141	10.810	14.980	18.587	21.681	24.366	26.724
2741	27.40	28.749	30.324	31.248	31.297	30.307	28.227	25.147	21.269	16.851	12.138
2751	27.50	7.316	2.489	-2.293	-6.991	-11.527	-15.756	-19.479	-22.483	-24.610	-25.810
2761	27.60	-26.162	-25.852	-25.114	-24.149	-23.059	-21.830	-20.355	-18.496	-16.165	-13.368
2771	27.70	-10.220	-6.899	-3.581	-0.377	2.701	5.722	8.786	11.959	15.231	18.511
2781	27.80	21.649	24.489	26.896	28.758	29.962	30.354	29.726	27.850	24.550	19.804
2791	27.90	13.810	7.000	-0.032	-6.661	-12.371	-16.866	-20.093	-22.187	-23.366	-23.823
2801	28.00	-23.661	-22.907	-21.568	-19.714	-17.521	-15.258	-13.216	-11.616	-10.538	-9.895
2811	28.10	-9.497	-9.112	-8.556	-7.724	-6.582	-5.114	-3.270	-0.957	1.932	5.441
2821	28.20	9.485	13.815	18.053	21.781	24.652	26.475	27.245	27.104	26.260	24.907
2831	28.30	23.171	21.120	18.803	16.303	13.757	11.342	9.207	7.435	5.899	4.483
2841	28.40	2.941	1.094	-1.128	-3.656	-6.318	-8.922	-11.329	-13.500	-15.488	-17.382
2851	28.50	-19.236	-21.008	-22.559	-23.690	-24.218	-24.043	-23.180	-21.742	-19.886	-17.744
2861	28.60	-15.378	-12.772	-9.872	-6.643	-3.122	0.586	4.224	7.637	10.632	13.116
2871	28.70	15.080	16.580	17.687	18.452	18.886	18.975	18.696	18.064	17.126	15.957
2881	28.80	14.628	13.173	11.565	9.729	7.570	5.029	2.120	-1.050	-4.296	-7.407
2891	28.90	-10.206	-12.598	-14.593	-16.278	-17.764	-19.114	-20.292	-21.150	-21.460	-20.992
2901	29.00	-19.593	-17.260	-14.150	-10.546	-6.774	-3.116	0.256	3.303	6.074	8.643
2911	29.10	11.032	13.176	14.933	16.139	16.677	16.532	15.802	14.855	13.264	11.740
2921	29.20	10.103	8.299	6.260	3.963	1.476	-1.048	-3.419	-5.477	-7.138	-8.408
2931	29.30	-9.344	-9.997	-10.363	-10.368	-9.904	-8.895	-7.366	-5.472	-3.474	-1.674
2941	29.40	-0.328	0.422	0.565	0.195	-0.550	-1.542	-2.688	-3.918	-5.152	-6.259
2951	29.50	-7.058	-7.348	-6.965	-5.837	-4.010	-1.629	1.111	4.027	6.995	9.945
2961	29.60	12.835	15.599	18.109	20.180	21.604	22.214	21.936	20.815	19.013	16.749
2971	29.70	14.250	11.702	9.231	6.910	4.782	2.875	1.211	-0.210	-1.424	-2.511
2981	29.80	-3.593	-4.807	-6.271	-8.051	-10.139	-12.447	-14.823	-17.073	-18.989	-20.380
2991	29.90	-21.099	-21.062	-20.259	-18.753	-16.660	-14.124	-11.286	-8.262	-5.142	-1.993

Table 7-44-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	1.116	4.097	6.846	9.253	11.228	12.727	13.759	14.373	14.641	14.624
3011	30.10	14.364	13.887	13.222	12.419	11.550	10.684	9.851	9.006	8.019	6.699
3021	30.20	4.852	2.365	-0.842	-4.603	-8.741	-13.018	-17.213	-21.142	-24.655	-27.599
3031	30.30	-29.784	-30.989	-30.998	-29.674	-27.038	-23.300	-18.848	-14.162	-9.703	-5.802
3041	30.40	-2.600	-0.048	2.028	3.839	5.547	7.224	8.855	10.372	11.712	12.840
3051	30.50	13.757	14.468	14.944	15.097	14.782	13.832	12.114	9.591	6.350	2.611
3061	30.60	-1.313	-5.071	-8.346	-10.904	-12.619	-13.471	-13.512	-12.835	-11.535	-9.705
3071	30.70	-7.434	-4.830	-2.034	0.781	3.427	5.747	7.655	9.161	10.375	11.466
3081	30.80	12.593	13.867	15.284	16.743	18.068	19.072	19.612	19.621	19.114	18.166
3091	30.90	16.849	15.263	13.470	11.529	9.518	7.532	5.686	4.079	2.772	1.765
3101	31.00	0.999	0.378	-0.189	-0.764	-1.364	-1.971	-2.555	-3.098	-3.599	-4.069
3111	31.10	-4.505	-4.373	-5.108	-5.136	-4.903	-4.409	-3.725	-2.971	-2.294	-1.826
3121	31.20	-1.658	-1.843	-2.409	-3.373	-4.752	-6.536	-8.659	-10.959	-13.173	-14.968
3131	31.30	-16.014	-16.074	-15.076	-13.140	-10.555	-7.699	-4.942	-2.567	-0.723	0.565
3141	31.40	1.359	1.762	1.875	1.791	1.601	1.410	1.341	1.512	2.012	2.861
3151	31.50	3.993	5.264	6.484	7.462	8.045	8.138	7.709	6.770	5.366	3.562
3161	31.60	1.442	-0.881	-3.262	-5.530	-7.505	-9.020	-9.953	-10.236	-9.864	-8.890
3171	31.70	-7.413	-5.566	-3.505	-1.391	0.618	2.388	3.825	4.881	5.558	5.896
3181	31.80	5.951	5.785	5.448	4.984	4.433	3.841	3.261	2.747	2.340	2.057
3191	31.90	1.881	1.767	1.655	1.480	1.186	0.727	0.064	-0.832	-1.980	-3.372
3201	32.00	-4.960	-6.637	-8.246	-9.595	-10.494	-10.798	-10.436	-9.430	-7.881	-5.950
3211	32.10	-3.822	-1.679	0.322	2.056	3.427	4.376	4.873	4.926	4.585	3.938
3221	32.20	3.108	2.231	1.437	0.831	0.475	0.385	0.537	0.881	1.358	1.924
3231	32.30	2.553	3.239	3.980	4.764	5.547	6.246	6.755	6.963	6.797	6.243
3241	32.40	5.363	4.285	3.169	2.168	1.395	0.912	0.733	0.863	1.224	1.859
3251	32.50	2.720	3.747	4.834	5.820	6.522	6.769	6.456	5.562	4.156	2.361
3261	32.60	0.308	-1.896	-4.189	-6.531	-8.869	-11.108	-13.095	-14.667	-15.600	-15.860
3271	32.70	-15.442	-14.466	-13.125	-11.626	-10.137	-8.763	-7.568	-6.505	-5.648	-5.007
3281	32.80	-4.622	-4.510	-4.634	-4.886	-5.094	-5.065	-4.634	-3.709	-2.293	-0.471
3291	32.90	1.620	3.829	6.021	8.086	9.932	11.469	12.604	13.250	13.349	12.894
3301	33.00	11.954	10.659	9.184	7.702	6.347	5.188	4.224	3.405	2.659	1.932
3311	33.10	1.201	0.481	-0.190	-0.769	-1.233	-1.584	-1.851	-2.070	-2.266	-2.440
3321	33.20	-2.563	-2.593	-2.491	-2.251	-1.908	-1.536	-1.229	-1.069	-1.093	-1.282
3331	33.30	-1.564	-1.842	-2.032	-2.099	-2.062	-1.994	-1.985	-2.113	-2.412	-2.870
3341	33.40	-3.439	-4.058	-4.668	-5.221	-5.672	-5.961	-6.002	-5.696	-4.951	-3.725
3351	33.50	-2.046	-0.025	2.168	4.348	6.364	8.130	9.625	10.877	11.911	12.720
3361	33.60	13.250	13.614	13.133	12.378	11.202	9.736	8.169	6.694	5.474	4.602
3371	33.70	4.103	3.941	4.046	4.333	4.713	5.094	5.378	5.465	5.260	4.697
3381	33.80	3.760	2.500	1.036	-0.463	-1.810	-2.839	-3.432	-3.535	-3.161	-2.370
3391	33.90	-1.253	0.089	1.544	2.987	4.269	5.219	5.648	5.387	4.319	2.420
3401	34.00	-0.214	-3.381	-6.796	-10.156	-13.190	-15.708	-17.618	-18.921	-19.672	-19.948
3411	34.10	-19.814	-19.309	-18.449	-17.246	-15.721	-13.927	-11.943	-9.875	-7.838	-5.939
3421	34.20	-4.261	-2.850	-1.706	-0.782	0.007	0.772	1.625	2.661	3.933	5.452
3431	34.30	7.172	9.008	10.833	12.493	13.817	14.633	14.790	14.193	12.830	10.787
3441	34.40	8.247	5.452	2.656	0.064	-2.198	-4.102	-5.685	-7.007	-8.104	-8.962
3451	34.50	-9.521	-9.705	-9.457	-8.778	-7.725	-6.400	-4.915	-3.372	-1.843	-0.385
3461	34.60	0.949	2.091	2.965	3.506	3.689	3.548	3.181	2.728	2.330	2.100
3471	34.70	2.094	2.316	2.737	3.316	4.019	4.814	5.664	6.506	7.255	7.810
3481	34.80	8.087	8.046	7.706	7.144	6.465	5.763	5.096	4.466	3.830	3.119
3491	34.90	2.275	1.262	0.077	-1.264	-2.736	-4.316	-5.982	-7.694	-9.382	-10.932

Table 7-44-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-12.185	-12.965	-13.105	-12.493	-11.097	-8.981	-6.300	-3.271	-0.136	2.881
3511	35.10	5.611	7.960	9.907	11.489	12.769	13.797	14.582	15.085	15.219	14.890
3521	35.20	14.024	12.607	10.693	8.396	5.857	3.200	0.501	-2.222	-4.992	-7.831
3531	35.30	-10.714	-13.546	-16.164	-18.371	-19.996	-20.946	-21.226	-20.934	-20.210	-19.180
3541	35.40	-17.903	-16.360	-14.477	-12.170	-9.411	-6.260	-2.868	0.549	3.763	6.578
3551	35.50	8.862	10.551	11.632	12.126	12.073	11.529	10.572	9.310	7.873	6.397
3561	35.60	5.005	3.788	2.798	2.049	1.536	1.238	1.124	1.151	1.256	1.361
3571	35.70	1.386	1.270	0.995	0.590	0.127	-0.306	-0.630	-0.795	-0.778	-0.569
3581	35.80	-0.149	0.517	1.479	2.769	4.374	6.213	8.133	9.936	11.415	12.397
3591	35.90	12.767	12.480	11.556	10.063	8.109	5.834	3.409	1.020	-1.143	-2.918
3601	36.00	-4.192	-4.914	-5.102	-4.823	-4.184	-3.311	-2.350	-1.462	-0.817	-0.578
3611	36.10	-0.867	-1.729	-3.112	-4.864	-6.769	-8.592	-10.137	-11.273	-11.935	-12.102
3621	36.20	-11.762	-10.895	-9.479	-7.523	-5.109	-2.412	0.312	2.770	4.705	5.962
3631	36.30	6.519	6.486	6.055	5.442	4.828	4.320	3.945	3.666	3.404	3.066
3641	36.40	2.561	1.815	0.784	-0.541	-2.117	-3.856	-5.622	-7.262	-8.624	-9.590
3651	36.50	-10.090	-10.109	-9.674	-8.840	-7.669	-6.216	-4.525	-2.634	-0.587	1.552
3661	36.60	3.684	5.674	7.366	8.606	9.277	9.328	8.782	7.728	6.273	4.503
3671	36.70	2.449	0.083	-2.640	-5.709	-8.997	-12.224	-14.983	-16.831	-17.400	-16.509
3681	36.80	-14.219	-10.816	-6.727	-2.409	1.752	5.493	8.669	11.212	13.078	14.230
3691	36.90	14.650	14.376	13.540	12.363	11.117	10.041	9.272	8.805	8.505	8.166
3701	37.00	7.594	6.664	5.346	3.679	1.732	-0.435	-2.772	-5.216	-7.642	-9.841
3711	37.10	-11.529	-12.412	-12.262	-11.002	-8.733	-5.716	-2.298	1.181	4.460	7.395
3721	37.20	9.946	12.130	13.971	15.465	16.574	17.243	17.428	17.112	16.315	15.081
3731	37.30	13.470	11.550	9.603	7.131	4.857	2.714	0.820	-0.751	-1.990	-2.955
3741	37.40	-3.748	-4.485	-5.257	-6.111	-7.053	-8.061	-9.106	-10.170	-11.236	-12.277
3751	37.50	-13.227	-13.973	-14.356	-14.203	-13.370	-11.785	-9.476	-6.582	-3.329	0.011
3761	37.60	3.163	5.901	8.068	9.596	10.495	10.835	10.725	10.285	9.628	8.848
3771	37.70	8.017	7.178	6.356	5.552	4.743	3.885	2.912	1.749	0.322	-1.415
3781	37.80	-3.468	-5.790	-8.284	-10.827	-13.289	-15.565	-17.588	-19.326	-20.775	-21.929
3791	37.90	-22.767	-23.247	-23.312	-22.914	-22.039	-20.717	-19.021	-17.051	-14.908	-12.669
3801	38.00	-10.377	-8.045	-5.674	-3.279	-0.904	1.371	3.441	5.205	6.586	7.559
3811	38.10	8.154	8.457	8.581	8.649	8.760	8.981	9.329	9.781	10.284	10.766
3821	38.20	11.147	11.363	11.352	11.065	10.461	9.504	8.171	6.459	4.398	2.061
3831	38.30	-0.424	-2.882	-5.103	-6.876	-8.015	-8.401	-7.997	-6.857	-5.117	-2.965
3841	38.40	-0.611	1.749	3.956	5.896	7.504	8.750	9.634	10.175	10.414	10.412
3851	38.50	10.253	10.036	9.861	9.804	9.908	10.163	10.518	10.891	11.196	11.363
3861	38.60	11.349	11.137	10.723	10.106	9.278	8.229	6.955	5.473	3.832	2.105
3871	38.70	0.371	-1.293	-2.853	-4.277	-5.563	-6.696	-7.634	-8.307	-8.623	-8.507
3881	38.80	-7.924	-6.908	-5.560	-4.037	-2.514	-1.150	-0.060	0.698	1.118	1.234
3891	38.90	1.100	0.780	0.343	-0.141	-0.602	-0.974	-1.196	-1.231	-1.062	-0.704
3901	39.00	-0.204	0.369	0.925	1.364	1.589	1.516	1.092	0.302	-0.823	-2.207
3911	39.10	-3.741	-5.295	-6.738	-7.952	-8.847	-9.367	-9.493	-9.244	-8.679	-7.886
3921	39.20	-6.971	-6.042	-5.194	-4.492	-3.970	-3.634	-3.475	-3.478	-3.633	-3.925
3931	39.30	-4.324	-4.781	-5.222	-5.562	-5.732	-5.695	-5.459	-5.068	-4.577	-4.021
3941	39.40	-3.398	-2.671	-1.798	-0.767	0.367	1.480	2.403	2.971	3.085	2.740
3951	39.50	2.036	1.132	0.199	-0.642	-1.341	-1.916	-2.417	-2.878	-3.295	-3.614
3961	39.60	-3.763	-3.686	-3.371	-2.861	-2.235	-1.571	-0.917	-0.278	0.374	1.075
3971	39.70	1.838	2.644	3.454	4.233	4.977	5.729	6.561	7.542	8.697	9.982
3981	39.80	11.287	12.467	13.588	13.966	14.183	14.073	13.680	13.021	12.067	10.749
3991	39.90	9.002	6.809	4.243	1.466	-1.300	-3.826	-5.931	-7.514	-8.557	-9.092

Table 7-44-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = (0.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-9.166	-8.805	-8.010	-6.774	-5.110	-3.081	-0.800	1.590	3.946	6.158
4011	40.10	8.177	9.993	11.614	13.057	14.230	15.135	15.689	15.853	15.630	15.057
4021	40.20	14.193	13.084	11.748	10.173	8.334	6.222	3.870	1.355	-1.217	-3.732
4031	40.30	-6.103	-8.280	-10.246	-12.007	-13.564	-14.912	-16.037	-16.932	-17.610	-18.110
4041	40.40	-18.486	-18.787	-19.039	-19.229	-19.319	-19.251	-18.972	-18.443	-17.640	-16.543
4051	40.50	-15.132	-13.381	-11.281	-8.858	-6.196	-3.443	-0.786	1.585	3.526	4.979
4061	40.60	5.973	6.609	7.005	7.250	7.363	7.289	6.922	6.160	4.951	3.329
4071	40.70	1.416	-0.603	-2.534	-4.225	-5.602	-6.675	-7.517	-8.219	-8.848	-9.411
4081	40.80	-9.856	-10.086	-9.999	-9.526	-8.654	-7.421	-5.905	-4.184	-2.318	-0.337
4091	40.90	1.751	3.930	6.161	8.366	10.438	12.266	13.761	14.883	15.639	16.073
4101	41.00	16.247	16.216	16.023	15.699	15.281	14.816	14.362	13.977	13.698	13.525
4111	41.10	13.416	13.299	13.092	12.727	12.166	11.403	10.455	9.349	8.108	6.756
4121	41.20	5.314	3.813	2.295	0.810	-0.593	-1.879	-3.027	-4.025	-4.863	-5.521
4131	41.30	-5.967	-6.168	-6.102	-5.778	-5.237	-4.551	-3.798	-3.037	-2.292	-1.540
4141	41.40	-0.732	0.187	1.246	2.428	3.671	4.876	5.947	6.810	7.445	7.874
4151	41.50	8.151	8.327	8.422	8.406	8.208	7.738	6.921	5.730	4.193	2.387
4161	41.60	0.404	-1.677	-3.814	-5.999	-8.234	-10.497	-12.722	-14.792	-16.568	-17.933
4171	41.70	-18.824	-19.256	-19.296	-19.021	-18.471	-17.614	-16.356	-14.586	-12.239	-9.348
4181	41.80	-6.066	-2.635	0.676	3.636	6.102	8.027	9.428	10.340	10.772	10.694
4191	41.90	10.062	8.854	7.115	4.969	2.600	0.206	-2.050	-4.077	-5.865	-7.458
4201	42.00	-8.926	-10.327	-11.685	-12.992	-14.213	-15.300	-16.196	-16.844	-17.188	-17.178
4211	42.10	-16.793	-16.047	-15.000	-13.751	-12.416	-11.101	-9.879	-8.782	-7.811	-6.959
4221	42.20	-6.225	-5.621	-5.167	-4.864	-4.683	-4.557	-4.401	-4.133	-3.708	-3.128
4231	42.30	-2.437	-1.693	-0.944	-0.200	0.565	1.403	2.360	3.460	4.996	6.036
4241	42.40	7.443	8.891	10.374	11.887	13.415	14.906	16.269	17.382	18.118	18.377
4251	42.50	18.113	17.345	16.146	14.637	12.942	11.190	9.492	7.939	6.606	5.553
4261	42.60	4.821	4.422	4.340	4.526	4.905	5.392	5.908	6.395	6.828	7.207
4271	42.70	7.553	7.889	8.236	8.600	8.985	9.395	9.846	10.369	10.997	11.753
4281	42.80	12.633	13.585	14.517	15.305	15.818	15.952	15.644	14.886	13.718	12.213
4291	42.90	10.456	8.530	6.513	4.472	2.475	0.587	-1.131	-2.638	-3.915	-4.975
4301	43.00	-5.856	-6.610	-7.285	-7.917	-8.529	-9.133	-9.746	-10.396	-11.120	-11.951
4311	43.10	-12.900	-13.936	-14.984	-15.931	-16.651	-17.039	-17.032	-16.626	-15.869	-14.836
4321	43.20	-13.612	-12.262	-10.827	-9.329	-7.785	-6.221	-4.682	-3.230	-1.933	-0.846
4331	43.30	-0.002	0.593	0.958	1.126	1.131	1.002	0.765	0.441	0.054	-0.370
4341	43.40	-0.802	-1.221	-1.618	-1.997	-2.372	-2.758	-3.164	-3.587	-4.014	-4.429
4351	43.50	-4.822	-5.196	-5.566	-5.953	-6.374	-6.828	-7.296	-7.736	-8.095	-8.317
4361	43.60	-8.358	-8.193	-7.821	-7.269	-6.582	-5.821	-5.050	-4.323	-3.676	-3.119
4371	43.70	-2.635	-2.194	-1.758	-1.300	-0.809	-0.290	0.245	0.791	1.351	1.943
4381	43.80	2.582	3.270	3.986	4.682	5.300	5.787	6.116	6.293	6.347	6.308
4391	43.90	6.186	5.960	5.581	5.001	4.195	3.191	2.068	0.935	-0.106	-0.992
4401	44.00	-1.721	-2.341	-2.922	-3.510	-4.098	-4.618	-4.958	-5.002	-4.671	-3.953
4411	44.10	-2.900	-1.609	-0.183	1.298	2.798	4.316	5.864	7.444	9.025	10.542
4421	44.20	11.908	13.036	13.859	14.344	14.492	14.324	13.877	13.186	12.288	11.220
4431	44.30	10.031	8.777	7.524	6.333	5.252	4.302	3.480	2.760	2.108	1.497
4441	44.40	0.916	0.376	-0.094	-0.458	-0.688	-0.771	-0.715	-0.547	-0.301	-0.013
4451	44.50	0.291	0.594	0.891	1.179	1.458	1.729	1.993	2.259	2.543	2.865
4461	44.60	3.240	3.666	4.119	4.552	4.900	5.100	5.106	4.904	4.512	3.967
4471	44.70	3.309	2.564	1.737	0.813	-0.223	-1.370	-2.594	-3.834	-5.009	-6.049
4481	44.80	-6.909	-7.587	-8.113	-8.530	-8.876	-9.164	-9.383	-9.510	-9.534	-9.468
4491	44.90	-9.353	-9.243	-9.183	-9.178	-9.187	-9.134	-8.928	-8.500	-7.826	-6.926

Table 7-44-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-5.854	-4.668	-3.401	-2.054	-0.605	0.963	2.632	4.335	5.954	7.355
4511	45.10	8.415	9.064	9.299	9.175	8.786	8.231	7.587	6.903	6.200	5.484
4521	45.20	4.757	4.023	3.288	2.549	1.794	1.002	0.152	-0.766	-1.742	-2.746
4531	45.30	-3.736	-4.667	-5.499	-6.201	-6.753	-7.141	-7.355	-7.394	-7.272	-7.018
4541	45.40	-6.680	-6.309	-5.948	-5.618	-5.313	-5.002	-4.649	-4.225	-3.721	-3.148
4551	45.50	-2.528	-1.883	-1.227	-0.560	0.114	0.784	1.422	1.987	2.435	2.740
4561	45.60	2.899	2.934	2.875	2.741	2.522	2.181	1.665	0.932	-0.026	-1.172
4571	45.70	-2.429	-3.704	-4.911	-5.989	-6.907	-7.647	-8.190	-8.499	-8.528	-8.230
4581	45.80	-7.590	-6.632	-5.431	-4.086	-2.701	-1.354	-0.084	1.101	2.211	3.255
4591	45.90	4.225	5.105	5.878	6.538	7.091	7.546	7.892	8.086	8.053	7.706
4601	46.00	6.980	5.866	4.424	2.768	1.040	-0.640	-2.195	-3.604	-4.870	-5.991
4611	46.10	-6.931	-7.611	-7.934	-7.822	-7.255	-6.290	-5.038	-3.632	-2.176	-0.717
4621	46.20	0.758	2.293	3.918	5.610	7.282	8.799	10.019	10.836	11.213	11.185
4631	46.30	10.839	10.278	9.596	8.851	8.073	7.266	6.434	5.580	4.714	3.845
4641	46.40	2.974	2.099	1.211	0.308	-0.600	-1.492	-2.334	-3.085	-3.705	-4.154
4651	46.50	-4.397	-4.410	-4.181	-3.722	-3.069	-2.284	-1.440	-0.611	0.148	0.809
4661	46.60	1.372	1.853	2.270	2.630	2.922	3.126	3.220	3.196	3.063	2.850
4671	46.70	2.592	2.319	2.050	1.784	1.505	1.192	0.822	0.387	-0.111	-0.655
4681	46.80	-1.217	-1.766	-2.279	-2.746	-3.178	-3.610	-4.087	-4.652	-5.324	-6.088
4691	46.90	-6.889	-7.640	-8.248	-8.638	-8.770	-8.649	-8.318	-7.839	-7.281	-6.700
4701	47.00	-6.141	-5.641	-5.231	-4.941	-4.792	-4.784	-4.883	-5.018	-5.085	-4.970
4711	47.10	-4.570	-3.820	-2.706	-1.271	0.390	2.147	3.854	5.371	6.581	7.405
4721	47.20	7.810	7.809	7.454	6.826	6.017	5.124	4.235	3.433	2.792	2.373
4731	47.30	2.225	2.367	2.784	3.423	4.201	5.015	5.773	6.404	6.867	7.152
4741	47.40	7.265	7.211	6.996	6.623	6.104	5.473	4.788	4.120	3.539	3.094
4751	47.50	2.799	2.635	2.562	2.535	2.515	2.475	2.392	2.229	1.936	1.451
4761	47.60	0.721	-0.280	-1.526	-2.942	-4.410	-5.793	-6.967	-7.832	-8.322	-8.399
4771	47.70	-8.047	-7.268	-6.088	-4.567	-2.805	-0.941	0.871	2.493	3.830	4.853
4781	47.80	5.598	6.139	6.560	6.924	7.255	7.547	7.781	7.954	8.087	8.224
4791	47.90	8.408	8.657	8.933	9.146	9.166	8.862	8.138	6.963	5.378	3.485
4801	48.00	1.417	-0.690	-2.725	-4.607	-6.283	-7.713	-8.861	-9.689	-10.164	-10.269
4811	48.10	-10.020	-9.469	-8.708	-7.847	-7.004	-6.273	-5.715	-5.342	-5.127	-5.011
4821	48.20	-4.923	-4.792	-4.570	-4.228	-3.764	-3.195	-2.545	-1.845	-1.123	-0.411
4831	48.30	0.258	0.845	1.312	1.620	1.742	1.670	1.410	0.984	0.420	-0.261
4841	48.40	-1.039	-1.904	-2.840	-3.817	-4.791	-5.699	-6.475	-7.063	-7.431	-7.576
4851	48.50	-7.524	-7.322	-7.028	-6.702	-6.400	-6.178	-6.079	-6.133	-6.339	-6.653
4861	48.60	-6.991	-7.233	-7.252	-6.942	-6.251	-5.192	-3.834	-2.282	-0.642	1.005
4871	48.70	2.611	4.153	5.614	6.964	8.147	9.091	9.727	10.013	9.948	9.569
4881	48.80	8.942	8.135	7.200	6.165	5.037	3.820	2.525	1.176	-0.188	-1.523
4891	48.90	-2.794	-3.978	-5.057	-6.019	-6.840	-7.487	-7.921	-8.105	-8.017	-7.656
4901	49.00	-7.044	-6.219	-5.225	-4.106	-2.898	-1.633	-0.338	0.956	2.219	3.415
4911	49.10	4.510	5.472	6.272	6.888	7.309	7.528	7.550	7.387	7.053	6.564
4921	49.20	5.937	5.190	4.352	3.465	2.593	1.813	1.204	0.826	0.700	0.803
4931	49.30	1.068	1.408	1.741	2.016	2.223	2.390	2.561	2.769	3.021	3.297
4941	49.40	3.556	3.769	3.931	4.071	4.236	4.470	4.781	5.134	5.450	5.635
4951	49.50	5.615	5.362	4.904	4.314	3.674	3.048	2.458	1.884	1.281	0.615
4961	49.60	-0.122	-0.899	-1.658	-2.342	-2.918	-3.392	-3.798	-4.183	-4.578	-4.983
4971	49.70	-5.364	-5.673	-5.867	-5.930	-5.873	-5.731	-5.538	-5.313	-5.050	-4.733
4981	49.80	-4.345	-3.892	-3.403	-2.923	-2.492	-2.127	-1.814	-1.508	-1.164	-0.750
4991	49.90	-0.270	0.237	0.715	1.113	1.407	1.606	1.743	1.860	1.981	2.107

Table 7-44-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	2.212	2.259	2.215	2.064	1.811	1.478	1.091	0.673	0.237	-0.208
5011	50.10	-0.655	-1.095	-1.512	-1.887	-2.199	-2.432	-2.568	-2.597	-2.510	-2.308
5021	50.20	-2.001	-1.613	-1.175	-0.722	-0.283	0.126	0.504	0.858	1.200	1.530
5031	50.30	1.841	2.113	2.327	2.471	2.542	2.550	2.509	2.429	2.316	2.168
5041	50.40	1.978	1.743	1.461	1.127	0.737	0.277	-0.267	-0.904	-1.633	-2.436
5051	50.50	-3.280	-4.129	-4.950	-5.721	-6.428	-7.061	-7.599	-8.010	-8.254	-8.294
5061	50.60	-8.108	-7.703	-7.110	-6.371	-5.529	-4.613	-3.640	-2.618	-1.564	-0.501
5071	50.70	0.537	1.522	2.446	3.329	4.208	5.124	6.094	7.106	8.117	9.074
5081	50.80	9.943	10.722	11.443	12.152	12.880	13.613	14.290	14.816	15.101	15.086
5091	50.90	14.763	14.172	13.372	12.413	11.318	10.085	8.704	7.187	5.579	3.954
5101	51.00	2.394	0.954	-0.350	-1.548	-2.685	-3.795	-4.868	-5.847	-6.646	-7.185
5111	51.10	-7.422	-7.370	-7.087	-6.659	-6.164	-5.656	-5.162	-4.691	-4.253	-3.865
5121	51.20	-3.549	-3.314	-3.145	-3.002	-2.829	-2.579	-2.241	-1.847	-1.463	-1.161
5131	51.30	-0.990	-0.958	-1.027	-1.137	-1.240	-1.321	-1.408	-1.557	-1.827	-2.246
5141	51.40	-2.801	-3.435	-4.071	-4.632	-5.056	-5.303	-5.347	-5.163	-4.725	-4.013
5151	51.50	-3.028	-1.812	-0.447	0.948	2.249	3.356	4.218	4.835	5.247	5.504
5161	51.60	5.640	5.662	5.548	5.267	4.806	4.179	3.438	2.648	1.872	1.151
5171	51.70	0.488	-0.137	-0.758	-1.401	-2.074	-2.763	-3.445	-4.095	-4.696	-5.243
5181	51.80	-5.728	-6.140	-6.454	-6.644	-6.687	-6.589	-6.386	-6.151	-5.969	-5.923
5191	51.90	-6.061	-6.388	-6.860	-7.404	-7.942	-8.413	-8.786	-9.063	-9.260	-9.395
5201	52.00	-9.471	-9.472	-9.369	-9.140	-8.781	-8.314	-7.783	-7.235	-6.703	-6.187
5211	52.10	-5.649	-5.029	-4.261	-3.301	-2.143	-0.824	0.588	2.009	3.358	4.577
5221	52.20	5.626	6.482	7.126	7.542	7.711	7.623	7.286	6.732	6.017	5.210
5231	52.30	4.378	3.571	2.815	2.108	1.435	0.782	0.148	-0.446	-0.957	-1.326
5241	52.40	-1.495	-1.417	-1.068	-0.457	0.378	1.377	2.470	3.592	4.693	5.746
5251	52.50	6.741	7.675	8.537	9.304	9.936	10.388	10.626	10.641	10.452	10.100
5261	52.60	9.627	9.057	8.386	7.583	6.611	5.448	4.109	2.651	1.160	-0.273
5271	52.70	-1.571	-2.686	-3.593	-4.276	-4.713	-4.866	-4.695	-4.177	-3.324	-2.193
5281	52.80	-0.876	0.526	1.930	3.288	4.585	5.819	6.971	7.992	8.801	9.307
5291	52.90	9.446	9.198	8.602	7.736	6.688	5.530	4.303	3.025	1.716	0.418
5301	53.00	-0.796	-1.834	-2.610	-3.077	-3.241	-3.160	-2.921	-2.609	-2.285	-1.978
5311	53.10	-1.696	-1.444	-1.232	-1.081	-1.011	-1.025	-1.106	-1.222	-1.341	-1.448
5321	53.20	-1.561	-1.720	-1.966	-2.326	-2.789	-3.320	-3.867	-4.395	-4.896	-5.388
5331	53.30	-5.897	-6.430	-6.951	-7.383	-7.629	-7.600	-7.252	-6.598	-5.701	-4.651
5341	53.40	-3.525	-2.374	-1.215	-0.047	1.124	2.261	3.298	4.147	4.728	4.991
5351	53.50	4.937	4.613	4.095	3.469	2.811	2.175	1.593	1.088	0.682	0.397
5361	53.60	0.255	0.270	0.442	0.748	1.151	1.603	2.062	2.498	2.899	3.272
5371	53.70	3.636	4.011	4.412	4.839	5.275	5.686	6.030	6.261	6.340	6.247
5381	53.80	5.978	5.552	5.003	4.370	3.693	2.997	2.290	1.566	0.804	-0.016
5391	53.90	-0.914	-1.896	-2.956	-4.077	-5.233	-6.394	-7.524	-8.584	-9.524	-10.259
5401	54.00	-10.823	-11.085	-11.059	-10.771	-10.290	-9.717	-9.167	-8.734	-8.471	-8.375
5411	54.10	-8.394	-8.446	-8.445	-8.332	-8.079	-7.697	-7.211	-6.650	-6.028	-5.344
5421	54.20	-4.589	-3.761	-2.878	-1.985	-1.141	-0.413	0.146	0.510	0.682	0.695
5431	54.30	0.599	0.454	0.312	0.214	0.184	0.225	0.323	0.459	0.617	0.796
5441	54.40	1.020	1.331	1.781	2.403	3.196	4.100	5.009	5.781	6.280	6.409
5451	54.50	6.143	5.530	4.684	3.752	2.879	2.179	1.718	1.514	1.546	1.771
5461	54.60	2.132	2.567	3.012	3.406	3.699	3.858	3.877	3.772	3.575	3.321
5471	54.70	3.032	2.711	2.344	1.916	1.425	0.900	0.393	-0.030	-0.316	-0.446
5481	54.80	-0.452	-0.402	-0.384	-0.467	-0.679	-0.990	-1.319	-1.562	-1.622	-1.436
5491	54.90	-0.986	-0.300	0.570	1.562	2.624	3.715	4.801	5.849	6.818	7.663

Table 7-44-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	8.342	8.829	9.123	9.249	9.247	9.162	9.028	8.857	8.645	8.373
5511	55.10	8.022	7.581	7.051	6.443	5.776	5.067	4.332	3.583	2.832	2.088
5521	55.20	1.361	0.656	-0.022	-0.671	-1.281	-1.836	-2.302	-2.639	-2.807	-2.777
5531	55.30	-2.547	-2.147	-1.634	-1.080	-0.560	-0.131	0.172	0.331	0.343	0.209
5541	55.40	-0.073	-0.510	-1.108	-1.869	-2.783	-3.836	-5.003	-6.259	-7.575	-8.913
5551	55.50	-10.225	-11.452	-12.525	-13.378	-13.963	-14.261	-14.288	-14.086	-13.711	-13.216
5561	55.60	-12.633	-11.977	-11.249	-10.469	-9.590	-8.703	-7.831	-7.021	-6.308	-5.707
5571	55.70	-5.220	-4.833	-4.539	-4.331	-4.211	-4.178	-4.214	-4.285	-4.343	-4.336
5581	55.80	-4.228	-4.011	-3.708	-3.366	-3.033	-2.743	-2.498	-2.271	-2.017	-1.693
5591	55.90	-1.278	-0.778	-0.225	0.340	0.878	1.371	1.823	2.245	2.651	3.034
5601	56.00	3.368	3.613	3.726	3.682	3.487	3.177	2.808	2.438	2.109	1.835
5611	56.10	1.602	1.380	1.146	0.893	0.648	0.463	0.405	0.537	0.898	1.501
5621	56.20	2.324	3.322	4.438	5.612	6.789	7.920	8.968	9.902	10.704	11.364
5631	56.30	11.884	12.267	12.516	12.625	12.582	12.369	11.980	11.425	10.740	9.982
5641	56.40	9.216	8.497	7.859	7.302	6.805	6.340	5.885	5.442	5.030	4.680
5651	56.50	4.415	4.240	4.143	4.095	4.073	4.064	4.069	4.099	4.159	4.240
5661	56.60	4.318	4.362	4.349	4.278	4.166	4.044	3.931	3.824	3.692	3.485
5671	56.70	3.157	2.690	2.102	1.445	0.783	0.165	-0.389	-0.895	-1.386	-1.891
5681	56.80	-2.414	-2.929	-3.389	-3.752	-3.999	-4.143	-4.226	-4.296	-4.386	-4.499
5691	56.90	-4.613	-4.692	-4.711	-4.665	-4.576	-4.478	-4.404	-4.367	-4.361	-4.365
5701	57.00	-4.361	-4.344	-4.330	-4.343	-4.407	-4.534	-4.713	-4.919	-5.126	-5.314
5711	57.10	-5.480	-5.636	-5.800	-5.987	-6.201	-6.432	-6.662	-6.870	-7.039	-7.155
5721	57.20	-7.211	-7.202	-7.129	-6.999	-6.830	-6.646	-6.479	-6.352	-6.276	-6.239
5731	57.30	-6.212	-6.155	-6.031	-5.818	-5.515	-5.144	-4.737	-4.327	-3.938	-3.578
5741	57.40	-3.242	-2.915	-2.582	-2.239	-1.897	-1.581	-1.326	-1.170	-1.136	-1.230
5751	57.50	-1.427	-1.679	-1.924	-2.099	-2.158	-2.084	-1.885	-1.589	-1.225	-0.816
5761	57.60	-0.368	0.123	0.655	1.215	1.767	2.259	2.639	2.875	2.960	2.923
5771	57.70	2.805	2.650	2.485	2.313	2.128	1.926	1.723	1.563	1.504	1.601
5781	57.80	1.886	2.352	2.962	3.661	4.400	5.154	5.918	6.700	7.498	8.281
5791	57.90	8.995	9.571	9.950	10.103	10.040	9.801	9.430	8.956	8.378	7.670
5801	58.00	6.802	5.763	4.579	3.317	2.059	0.885	-0.161	-1.072	-1.881	-2.630
5811	58.10	-3.352	-4.047	-4.687	-5.224	-5.607	-5.806	-5.814	-5.648	-5.341	-4.927
5821	58.20	-4.435	-3.891	-3.314	-2.725	-2.148	-1.602	-1.103	-0.658	-0.265	0.081
5831	58.30	0.386	0.651	0.872	1.048	1.178	1.271	1.341	1.408	1.490	1.601
5841	58.40	1.749	1.939	2.169	2.437	2.736	3.055	3.376	3.681	3.946	4.153
5851	58.50	4.291	4.354	4.341	4.253	4.088	3.842	3.510	3.093	2.601	2.053
5861	58.60	1.482	0.923	0.410	-0.033	-0.401	-0.709	-0.989	-1.273	-1.583	-1.917
5871	58.70	-2.238	-2.479	-2.565	-2.431	-2.052	-1.453	-0.705	0.099	0.871	1.563
5881	58.80	2.168	2.716	3.243	3.758	4.227	4.578	4.729	4.626	4.272	3.730
5891	58.90	3.104	2.491	1.950	1.475	1.015	0.505	-0.090	-0.744	-1.382	-1.903
5901	59.00	-2.234	-2.361	-2.337	-2.262	-2.235	-2.309	-2.467	-2.635	-2.715	-2.628
5911	59.10	-2.346	-1.896	-1.339	-0.739	-0.134	0.469	1.083	1.714	2.334	2.879
5921	59.20	3.259	3.388	3.214	2.733	1.993	1.072	0.059	-0.971	-1.962	-2.871
5931	59.30	-3.660	-4.291	-4.721	-4.916	-4.860	-4.563	-4.069	-3.440	-2.745	-2.044
5941	59.40	-1.377	-0.762	-0.200	0.309	0.756	1.111	1.328	1.351	1.136	0.664
5951	59.50	-0.049	-0.950	-1.966	-3.028	-4.088	-5.128	-6.161	-7.205	-8.263	-9.310
5961	59.60	-10.286	-11.122	-11.757	-12.167	-12.365	-12.387	-12.267	-12.009	-11.578	-10.920
5971	59.70	-9.989	-8.788	-7.388	-5.920	-4.534	-3.359	-2.452	-1.796	-1.311	-0.897
5981	59.80	-0.482	-0.045	0.385	0.751	1.009	1.149	1.201	1.218	1.249	1.317
5991	59.90	1.419	1.531	1.638	1.746	1.885	2.097	2.413	2.837	3.339	3.873

Table 7-44-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	4.394	4.878	5.326	5.755	6.174	6.576	6.928	7.179	7.291	7.247
6011	60.10	7.066	6.792	6.478	6.164	5.867	5.582	5.299	5.015	4.743	4.512
6021	60.20	4.367	4.252	4.201	4.139	3.999	3.728	3.312	2.781	2.202	1.661
6031	60.30	1.232	0.956	0.833	0.828	0.888	0.959	1.003	0.999	0.944	0.840
6041	60.40	0.690	0.490	0.237	-0.066	-0.408	-0.766	-1.111	-1.423	-1.693	-1.932
6051	60.50	-2.164	-2.415	-2.698	-3.006	-3.306	-3.549	-3.684	-3.670	-3.490	-3.146
6061	60.60	-2.662	-2.067	-1.388	-0.648	0.136	0.948	1.766	2.564	3.309	3.967
6071	60.70	4.512	4.928	5.215	5.382	5.454	5.457	5.420	5.364	5.302	5.237
6081	60.80	5.163	5.076	4.972	4.862	4.762	4.691	4.658	4.654	4.644	4.580
6091	60.90	4.411	4.101	3.642	3.059	2.394	1.699	1.010	0.347	-0.288	-0.896
6101	61.00	-1.467	-1.974	-2.374	-2.623	-2.688	-2.564	-2.270	-1.844	-1.330	-0.770
6111	61.10	-0.198	0.354	0.853	1.258	1.533	1.651	1.608	1.428	1.155	0.841
6121	61.20	0.522	0.213	-0.094	-0.420	-0.783	-1.183	-1.602	-2.015	-2.401	-2.755
6131	61.30	-3.095	-3.446	-3.827	-4.237	-4.647	-5.012	-5.286	-5.441	-5.478	-5.428
6141	61.40	-5.337	-5.253	-5.206	-5.201	-5.225	-5.251	-5.250	-5.203	-5.097	-4.924
6151	61.50	-4.678	-4.350	-3.930	-3.410	-2.788	-2.077	-1.302	-0.501	0.283	1.004
6161	61.60	1.625	2.116	2.461	2.655	2.703	2.621	2.432	2.170	1.877	1.598
6171	61.70	1.376	1.233	1.165	1.134	1.074	0.909	0.580	0.060	-0.628	-1.423
6181	61.80	-2.246	-3.032	-3.748	-4.402	-5.024	-5.642	-6.249	-6.794	-7.187	-7.336
6191	61.90	-7.178	-6.713	-6.005	-5.165	-4.314	-3.542	-2.891	-2.349	-1.876	-1.435
6201	62.00	-1.008	-0.610	-0.273	-0.028	0.119	0.193	0.244	0.332	0.505	0.788
6211	62.10	1.179	1.655	2.184	2.736	3.284	3.806	4.286	4.715	5.091	5.424
6221	62.20	5.728	6.020	6.306	6.574	6.788	6.897	6.850	6.612	6.174	5.564
6231	62.30	4.837	4.063	3.308	2.625	2.040	1.560	1.174	0.866	0.622	0.432
6241	62.40	0.296	0.211	0.173	0.164	0.157	0.117	0.012	-0.173	-0.427	-0.710
6251	62.50	-0.963	-1.119	-1.124	-0.954	-0.616	-0.149	0.394	0.955	1.484	1.937
6261	62.60	2.273	2.451	2.429	2.175	1.678	0.959	0.077	-0.883	-1.825	-2.668
6271	62.70	-3.357	-3.868	-4.203	-4.380	-4.419	-4.341	-4.169	-3.937	-3.687	-3.485
6281	62.80	-3.312	-3.252	-3.287	-3.404	-3.582	-3.811	-4.091	-4.427	-4.817	-5.236
6291	62.90	-5.635	-5.946	-6.107	-6.079	-5.867	-5.512	-5.077	-4.626	-4.199	-3.811
6301	63.00	-3.456	-3.123	-2.809	-2.522	-2.272	-2.056	-1.849	-1.606	-1.278	-0.831
6311	63.10	-0.267	0.372	1.020	1.606	2.083	2.437	2.685	2.857	2.981	3.068
6321	63.20	3.108	3.089	3.004	2.867	2.707	2.559	2.449	2.384	2.347	2.311
6331	63.30	2.252	2.165	2.064	1.981	1.952	2.008	2.162	2.416	2.765	3.201
6341	63.40	3.721	4.322	4.995	5.715	6.441	7.115	7.672	8.055	8.224	8.172
6351	63.50	7.927	7.547	7.106	6.677	6.317	6.058	5.902	5.833	5.832	5.886
6361	63.60	5.993	6.160	6.383	6.637	6.869	7.010	6.990	6.769	6.352	5.786
6371	63.70	5.146	4.503	3.899	3.336	2.787	2.216	1.611	0.996	0.422	-0.056
6381	63.80	-0.403	-0.629	-0.780	-0.919	-1.090	-1.300	-1.515	-1.682	-1.763	-1.761
6391	63.90	-1.721	-1.711	-1.785	-1.953	-2.175	-2.374	-2.481	-2.470	-2.379	-2.292
6401	64.00	-2.302	-2.466	-2.778	-3.173	-3.556	-3.856	-4.056	-4.202	-4.375	-4.652
6411	64.10	-5.061	-5.564	-6.079	-6.512	-6.805	-6.955	-7.010	-7.034	-7.071	-7.114
6421	64.20	-7.111	-6.986	-6.681	-6.179	-5.520	-4.775	-4.019	-3.303	-2.641	-2.023
6431	64.30	-1.433	-0.877	-0.387	-0.007	0.226	0.310	0.282	0.206	0.147	0.148
6441	64.40	0.206	0.290	0.350	0.353	0.292	0.191	0.085	0.006	-0.039	-0.064
6451	64.50	-0.091	-0.137	-0.201	-0.262	-0.299	-0.301	-0.279	-0.265	-0.294	-0.388
6461	64.60	-0.540	-0.720	-0.890	-1.024	-1.121	-1.212	-1.335	-1.524	-1.781	-2.083
6471	64.70	-2.387	-2.655	-2.872	-3.049	-3.215	-3.396	-3.594	-3.784	-3.924	-3.975
6481	64.80	-3.924	-3.791	-3.616	-3.443	-3.289	-3.139	-2.947	-2.664	-2.265	-1.763
6491	64.90	-1.213	-0.687	-0.250	0.066	0.268	0.392	0.477	0.546	0.594	0.596

Table 7-44-14 TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.524	0.370	0.151	-0.090	-0.303	-0.452	-0.526	-0.539	-0.523	-0.508
6511	65.10	-0.515	-0.544	-0.583	-0.614	-0.619	-0.584	-0.496	-0.341	-0.105	0.221
6521	65.20	0.637	1.131	1.679	2.254	2.834	3.408	3.969	4.513	5.029	5.491
6531	65.30	5.867	6.130	6.266	6.287	6.224	6.114	5.984	5.844	5.686	5.470
6541	65.40	5.197	4.859	4.477	4.077	3.680	3.290	2.890	2.452	1.957	1.409
6551	65.50	0.839	0.297	-0.166	-0.516	-0.751	-0.894	-0.982	-1.042	-1.085	-1.097
6561	65.60	-1.054	-0.939	-0.759	-0.550	-0.371	-0.283	-0.331	-0.525	-0.837	-1.212
6571	65.70	-1.582	-1.892	-2.115	-2.257	-2.352	-2.447	-2.576	-2.745	-2.926	-3.064
6581	65.80	-3.095	-2.972	-2.686	-2.273	-1.805	-1.365	-1.017	-0.784	-0.639	-0.520
6591	65.90	-0.349	-0.072	0.328	0.826	1.365	1.886	2.347	2.738	3.075	3.388
6601	66.00	3.696	3.994	4.255	4.431	4.481	4.376	4.121	3.744	3.294	2.826
6611	66.10	2.386	2.010	1.714	1.498	1.355	1.272	1.241	1.258	1.330	1.461
6621	66.20	1.650	1.883	2.130	2.350	2.511	2.600	2.638	2.674	2.762	2.942
6631	66.30	3.204	3.486	3.684	3.689	3.426	2.879	2.117	1.252	0.408	-0.330
6641	66.40	-0.925	-1.408	-1.835	-2.257	-2.683	-3.075	-3.367	-3.492	-3.420	-3.168
6651	66.50	-2.799	-2.389	-2.001	-1.660	-1.356	-1.052	-0.709	-0.308	0.148	0.640
6661	66.60	1.143	1.636	2.106	2.537	2.909	3.190	3.348	3.364	3.243	3.021
6671	66.70	2.749	2.479	2.235	2.008	1.757	1.428	0.980	0.402	-0.286	-1.038
6681	66.80	-1.805	-2.554	-3.268	-3.947	-4.591	-5.188	-5.710	-6.126	-6.409	-6.554
6691	66.90	-6.577	-6.509	-6.374	-6.179	-5.909	-5.534	-5.027	-4.380	-3.615	-2.776
6701	67.00	-1.913	-1.069	-0.267	0.481	1.169	1.777	2.266	2.588	2.703	2.600
6711	67.10	2.308	1.891	1.420	0.951	0.497	0.025	-0.524	-1.205	-2.035	-2.983
6721	67.20	-3.973	-4.913	-5.736	-6.423	-7.006	-7.554	-8.127	-8.745	-9.365	-9.892
6731	67.30	-10.208	-10.215	-9.870	-9.203	-8.295	-7.254	-6.172	-5.098	-4.035	-2.953
6741	67.40	-1.818	-0.618	0.620	1.840	2.976	3.970	4.793	5.447	5.954	6.341
6751	67.50	6.621	6.787	6.817	6.687	6.381	5.904	5.284	4.565	3.802	3.053
6761	67.60	2.370	1.793	1.349	1.043	0.856	0.750	0.677	0.595	0.487	0.371
6771	67.70	0.297	0.335	0.545	0.953	1.537	2.230	2.943	3.594	4.114	4.560
6781	67.80	4.901	5.193	5.454	5.664	5.770	5.704	5.417	4.900	4.196	3.384
6791	67.90	2.558	1.794	1.131	0.571	0.089	-0.347	-0.758	-1.144	-1.492	-1.783
6801	68.00	-2.004	-2.152	-2.234	-2.256	-2.225	-2.145	-2.022	-1.867	-1.703	-1.555
6811	68.10	-1.441	-1.366	-1.303	-1.228	-1.103	-0.916	-0.678	-0.432	-0.234	-0.135
6821	68.20	-0.159	-0.300	-0.520	-0.771	-1.015	-1.231	-1.426	-1.618	-1.824	-2.046
6831	68.30	-2.263	-2.441	-2.549	-2.565	-2.491	-2.346	-2.152	-1.922	-1.654	-1.332
6841	68.40	-0.940	-0.478	0.026	0.522	0.949	1.258	1.433	1.491	1.483	1.463
6851	68.50	1.467	1.500	1.530	1.505	1.380	1.141	0.806	0.428	0.069	-0.225
6861	68.60	-0.433	-0.570	-0.666	-0.754	-0.852	-0.957	-1.052	-1.121	-1.154	-1.156
6871	68.70	-1.137	-1.101	-1.039	-0.927	-0.737	-0.451	-0.071	0.377	0.860	1.347
6881	68.80	1.825	2.302	2.795	3.317	3.855	4.375	4.825	5.159	5.357	5.430
6891	68.90	5.421	5.382	5.354	5.353	5.366	5.361	5.307	5.185	4.992	4.736
6901	69.00	4.428	4.069	3.658	3.193	2.682	2.151	1.637	1.180	0.811	0.543
6911	69.10	0.374	0.292	0.288	0.359	0.503	0.713	0.966	1.221	1.431	1.556
6921	69.20	1.580	1.514	1.395	1.263	1.146	1.046	0.942	0.802	0.598	0.325
6931	69.30	-0.006	-0.375	-0.766	-1.179	-1.628	-2.129	-2.685	-3.273	-3.849	-4.361
6941	69.40	-4.766	-5.051	-5.234	-5.355	-5.458	-5.569	-5.691	-5.801	-5.868	-5.866
6951	69.50	-5.784	-5.629	-5.415	-5.149	-4.832	-4.453	-3.999	-3.474	-2.899	-2.319
6961	69.60	-1.787	-1.356	-1.060	-0.906	-0.877	-0.940	-1.055	-1.189	-1.319	-1.435
6971	69.70	-1.532	-1.613	-1.676	-1.720	-1.741	-1.737	-1.704	-1.643	-1.553	-1.434
6981	69.80	-1.285	-1.108	-0.907	-0.689	-0.469	-0.265	-0.091	0.041	0.134	0.197
6991	69.90	0.252	0.317	0.408	0.526	0.664	0.809	0.949	1.081	1.216	1.368

Table 7-44-15

TABLE OF CORRECTED ACCELERATION RECORD

NO.15

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	1.553	1.775	2.021	2.261	2.453	2.557	2.544	2.402	2.139	1.779
7011	70.10	1.356	0.909	0.471	0.067	-0.290	-0.600	-0.877	-1.140	-1.404	-1.670
7021	70.20	-1.915	-2.100	-2.176	-2.105	-1.878	-1.521	-1.090	-0.650	-0.251	0.095
7031	70.30	0.412	0.756	1.182	1.721	2.363	3.060	3.765	4.354	4.852	5.234
7041	70.40	5.521	5.742	5.911	6.026	6.065	5.999	5.809	5.490	5.054	4.523
7051	70.50	3.920	3.266	2.578	1.872	1.163	0.465	-0.218	-0.892	-1.572	-2.273
7061	70.60	-2.995	-3.718	-4.396	-4.982	-5.438	-5.763	-5.992	-6.189	-6.418	-6.713
7071	70.70	-7.065	-7.416	-7.689	-7.815	-7.764	-7.552	-7.236	-6.878	-6.528	-6.194
7081	70.80	-5.855	-5.472	-5.015	-4.479	-3.889	-3.285	-2.701	-2.151	-1.622	-1.086
7091	70.90	-0.517	0.092	0.721	1.328	1.865	2.297	2.610	2.811	2.925	2.977
7101	71.00	2.992	2.985	2.965	2.940	2.916	2.896	2.875	2.842	2.780	2.673
7111	71.10	2.514	2.307	2.070	1.822	1.580	1.355	1.152	0.979	0.853	0.802
7121	71.20	0.859	1.043	1.352	1.751	2.166	2.600	2.950	3.231	3.464	3.690
7131	71.30	3.937	4.209	4.475	4.685	4.797	4.796	4.710	4.597	4.511	4.477
7141	71.40	4.466	4.403	4.191	3.758	3.087	2.232	1.299	0.409	-0.368	-0.944
7151	71.50	-1.412	-1.824	-2.250	-2.723	-3.222	-3.682	-4.025	-4.187	-4.148	-3.928
7161	71.60	-3.575	-3.136	-2.637	-2.084	-1.465	-0.780	-0.046	0.693	1.380	1.970
7171	71.70	2.445	2.824	3.155	3.493	3.878	4.315	4.777	5.210	5.560	5.788
7181	71.80	5.884	5.864	5.757	5.596	5.397	5.160	4.870	4.507	4.057	3.522
7191	71.90	2.920	2.289	1.674	1.119	0.657	0.297	0.030	-0.172	-0.346	-0.526
7201	72.00	-0.730	-0.961	-1.206	-1.445	-1.662	-1.852	-2.023	-2.188	-2.359	-2.534
7211	72.10	-2.701	-2.840	-2.932	-2.976	-2.989	-3.006	-3.067	-3.204	-3.429	-3.732
7221	72.20	-4.039	-4.471	-4.858	-5.241	-5.616	-5.978	-6.304	-6.554	-6.679	-6.634
7231	72.30	-6.400	-5.995	-5.472	-4.907	-4.373	-3.924	-3.575	-3.314	-3.105	-2.914
7241	72.40	-2.725	-2.538	-2.374	-2.255	-2.193	-2.188	-2.226	-2.287	-2.355	-2.419
7251	72.50	-2.470	-2.501	-2.497	-2.440	-2.320	-2.136	-1.912	-1.684	-1.492	-1.359
7261	72.60	-1.278	-1.207	-1.084	-0.845	-0.454	0.090	0.746	1.453	2.152	2.805
7271	72.70	3.404	3.964	4.508	5.046	5.566	6.043	6.445	6.755	6.975	7.127
7281	72.80	7.236	7.318	7.366	7.352	7.242	7.010	6.654	6.202	5.695	5.175
7291	72.90	4.666	4.161	3.634	3.048	2.384	1.651	0.892	0.171	-0.444	-0.908
7301	73.00	-1.215	-1.392	-1.497	-1.588	-1.707	-1.865	-2.042	-2.202	-2.308	-2.348
7311	73.10	-2.332	-2.297	-2.282	-2.312	-2.383	-2.462	-2.500	-2.455	-2.313	-2.092
7321	73.20	-1.840	-1.612	-1.446	-1.351	-1.308	-1.282	-1.252	-1.219	-1.215	-1.282
7331	73.30	-1.450	-1.717	-2.061	-2.355	-2.592	-2.718	-2.737	-2.693	-2.638	-2.604
7341	73.40	-2.587	-2.547	-2.432	-2.210	-1.892	-1.535	-1.220	-1.021	-0.965	-1.024
7351	73.50	-1.120	-1.168	-1.103	-0.912	-0.636	-0.344	-0.107	0.036	0.091	0.092
7361	73.60	0.086	0.101	0.134	0.153	0.118	0.000	-0.201	-0.458	-0.726	-0.959
7371	73.70	-1.134	-1.251	-1.327	-1.386	-1.444	-1.496	-1.525	-1.504	-1.410	-1.238
7381	73.80	-0.999	-0.723	-0.451	-0.230	-0.099	-0.088	-0.211	-0.457	-0.796	-1.178
7391	73.90	-1.543	-1.833	-2.010	-2.063	-2.015	-1.908	-1.793	-1.703	-1.641	-1.575
7401	74.00	-1.448	-1.201	-0.802	-0.259	0.373	1.009	1.564	1.982	2.255	2.426
7411	74.10	2.569	2.760	3.046	3.433	3.884	4.344	4.760	5.106	5.383	5.610
7421	74.20	5.807	5.975	6.094	6.129	6.053	5.860	5.572	5.227	4.864	4.501
7431	74.30	4.127	3.711	3.224	2.659	2.050	1.461	0.967	0.630	0.468	0.456
7441	74.40	0.530	0.618	0.661	0.631	0.530	0.380	0.211	0.066	-0.101	-0.217
7451	74.50	-0.289	-0.299	-0.233	-0.089	0.116	0.345	0.553	0.705	0.788	0.817
7461	74.60	0.826	0.852	0.913	1.002	1.083	1.113	1.053	0.889	0.632	0.317
7471	74.70	-0.016	-0.331	-0.610	-0.852	-1.062	-1.247	-1.411	-1.549	-1.654	-1.718
7481	74.80	-1.735	-1.696	-1.592	-1.413	-1.151	-0.806	-0.393	0.054	0.492	0.877
7491	74.90	1.181	1.397	1.546	1.671	1.815	2.013	2.272	2.572	2.869	3.111

Table 7-44-16

TABLE OF CORRECTED ACCELERATION RECORD

NO.16

INDEX NO. 1236 1310-GR-1-1 HB. (HB.) SHARI BRIDGE MAX. ACC. = 40.988 (GAL) T= 26.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	3.254	3.272	3.166	2.955	2.668	2.334	1.969	1.578	1.157	0.700
7511	75.10	0.213	-0.291	-0.783	-1.236	-1.620	-1.928	-2.161	-2.327	-2.439	-2.501
7521	75.20	-2.508	-2.451	-2.322	-2.122	-1.868	-1.589	-1.319	-1.091	-0.924	-0.824
7531	75.30	-0.787	-0.801	-0.849	-0.918	-0.988	-1.040	-1.057	-1.025	-0.949	-0.855
7541	75.40	-0.786	-0.793	-0.914	-1.160	-1.500	-1.872	-2.200	-2.420	-2.498	-2.446
7551	75.50	-2.304	-2.125	-1.947	-1.780	-1.608	-1.402	-1.143	-0.841	-0.535	-0.282
7561	75.60	-0.136	-0.121	-0.225	-0.408	-0.620	-0.824	-1.013	-1.207	-1.440	-1.737
7571	75.70	-2.098	-2.493	-2.874	-3.197	-3.440	-3.613	-3.753	-3.904	-4.097	-4.333
7581	75.80	-4.586	-4.815	-4.978	-5.054	-5.044	-4.966	-4.838	-4.663	-4.430	-4.115
7591	75.90	-3.704	-3.203	-2.651	-2.110	-1.650	-1.322	-1.142	-1.083	-1.087	-1.089
7601	76.00	-1.039	-0.919	-0.749	-0.573	-0.439	-0.382	-0.404	-0.484	-0.579	-0.646
7611	76.10	-0.655	-0.596	-0.478	-0.320	-0.139	0.058	0.273	0.519	0.805	1.134
7621	76.20	1.497	1.875	2.247	2.589	2.890	3.139	3.335	3.476	3.559	3.587
7631	76.30	3.568	3.522	3.478	3.466	3.507	3.603	3.724	3.821	3.834	3.716
7641	76.40	3.449	3.053	2.581	2.098	1.661	1.298	1.006	0.761	0.538	0.331
7651	76.50	0.163	0.075	0.108	0.280	0.566	0.905	1.216	1.423	1.485	1.406
7661	76.60	1.223	0.986	0.731	0.463	0.161	-0.214	-0.686	-1.249	-1.862	-2.456
7671	76.70	-2.959	-3.315	-3.501	-3.524	-3.410	-3.188	-2.881	-2.496	-2.037	-1.510
7681	76.80	-0.933	-0.330	0.265	0.826	1.334	1.780	2.161	2.476	2.722	2.898
7691	76.90	3.010	3.069	3.095	3.108	3.120	3.132	3.133	3.106	3.045	2.956
7701	77.00	2.862	2.791	2.768	2.800	2.871	2.949	2.995	2.980	2.888	2.721
7711	77.10	2.491	2.212	1.899	1.569	1.266	0.964	0.766	0.689	0.756	0.963
7721	77.20	1.276	1.646	2.020	2.365	2.670	2.944	3.206	3.463	3.709	3.921
7731	77.30	4.075	4.164	4.200	4.215	4.247	4.316	4.416	4.512	4.552	4.486
7741	77.40	4.287	3.952	3.503	2.964	2.357	1.688	0.959	0.180	-0.625	-1.410
7751	77.50	-2.124	-2.722	-3.184	-3.519	-3.755	-3.922	-4.032	-4.070	-4.009	-3.820
7761	77.60	-3.504	-3.094	-2.656	-2.261	-1.968	-1.793	-1.718	-1.698	-1.690	-1.671
7771	77.70	-1.649	-1.653	-1.711	-1.831	-1.995	-2.161	-2.289	-2.357	-2.372	-2.365
7781	77.80	-2.374	-2.418	-2.489	-2.552	-2.564	-2.496	-2.352	-2.167	-1.998	-1.900
7791	77.90	-1.901	-1.996	-2.150	-2.320	-2.469	-2.581	-2.663	-2.732	-2.801	-2.871
7801	78.00	-2.928	-2.951	-2.920	-2.831	-2.690	-2.516	-2.327	-2.133	-1.931	-1.713
7811	78.10	-1.466	-1.185	-0.879	-0.571	-0.295	-0.090	0.014	0.002	-0.118	-0.314
7821	78.20	-0.539	-0.744	-0.894	-0.979	-1.014	-1.034	-1.074	-1.155	-1.271	-1.397
7831	78.30	-1.502	-1.573	-1.622	-1.685	-1.802	-1.995	-2.242	-2.487	-2.657	-2.700
7841	78.40	-2.614	-2.453	-2.306	-2.254	-2.329	-2.497	-2.674	-2.774	-2.755	-2.657
7851	78.50	-2.583	-2.649	-2.911	-3.313	-3.683	-3.787	-3.422	-2.507	-1.135	0.446

Table 7-45-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1237 1315-GR-1-1 HA. (HA.) ONENUHA BRIDGE MAX. ACC. = 66.911 (GAL) T= 1.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-22.202	-22.558	-19.525	-13.767	-6.477	1.112	8.166	14.449	20.236	25.971
11	0.10	31.881	37.685	42.571	45.429	45.266	41.621	34.828	25.995	16.724	8.647
21	0.20	2.968	0.165	-0.045	1.528	3.921	6.384	8.568	10.463	12.137	13.434
31	0.30	13.800	12.376	8.354	1.438	-7.814	-17.960	-27.060	-33.330	-35.817	-34.789
41	0.40	-31.636	-28.294	-26.428	-26.738	-28.682	-30.783	-31.348	-29.293	-24.674	-18.670
51	0.50	-13.040	-9.290	-7.979	-8.472	-9.287	-8.858	-6.338	-2.056	2.608	5.885
61	0.60	6.509	4.401	0.813	-2.163	-2.516	0.750	7.085	14.544	20.543	22.933
71	0.70	20.918	15.429	8.800	3.879	2.947	6.888	14.919	24.960	34.457	41.293
81	0.80	44.414	43.983	41.031	36.857	32.446	28.183	23.922	19.324	14.241	8.916
91	0.90	3.900	-0.268	-3.422	-5.959	-8.730	-12.658	-18.255	-25.302	-32.833	-39.489
101	1.00	-44.056	-45.967	-45.514	-43.681	-41.682	-40.429	-40.179	-40.520	-40.678	-39.968
111	1.10	-38.157	-35.545	-32.746	-30.291	-28.284	-26.286	-23.510	-19.209	-13.072	-5.407
121	1.20	2.961	11.035	18.065	23.824	28.631	33.135	37.965	43.442	49.449	55.492
131	1.30	60.876	64.890	66.911	66.444	63.137	56.852	47.794	36.668	24.595	13.151
141	1.40	3.804	-2.407	-5.216	-5.168	-3.395	-1.136	0.689	1.709	2.018	1.837
151	1.50	1.151	-0.482	-3.790	-9.388	-17.306	-26.731	-36.124	-43.711	-48.147	-49.044
161	1.60	-47.100	-43.776	-40.661	-38.705	-38.037	-37.828	-36.847	-34.057	-29.077	-22.310
171	1.70	-14.701	-7.283	-0.776	4.584	8.922	12.437	15.148	16.836	17.214	16.242
181	1.80	14.324	12.307	11.198	11.754	14.148	17.500	22.119	25.936	28.891	31.081
191	1.90	32.971	34.996	37.163	38.911	39.317	37.572	33.457	27.563	21.102	15.353
201	2.00	11.032	7.885	4.767	0.182	-6.938	-16.593	-27.541	-37.691	-44.926	-47.963
211	2.10	-46.876	-43.037	-38.512	-35.183	-34.015	-34.758	-36.194	-36.780	-35.333	-31.483
221	2.20	-25.693	-18.917	-12.129	-5.954	-0.584	4.038	7.950	10.994	12.866	13.355
231	2.30	12.619	11.286	10.302	10.565	12.531	16.017	20.322	24.604	28.320	31.466
241	2.40	34.458	37.712	41.122	43.787	44.159	40.660	32.473	20.157	5.723	-7.928
251	2.50	-18.012	-22.895	-22.685	-19.103	-14.692	-11.698	-11.159	-12.582	-14.354	-14.671
261	2.60	-12.504	-8.157	-3.137	0.561	1.417	-0.908	-5.442	-10.410	-14.109	-15.707
271	2.70	-15.584	-15.037	-15.525	-17.832	-21.561	-25.219	-26.844	-24.892	-18.959	-10.028
281	2.80	-0.141	8.336	13.529	14.615	11.951	6.788	0.763	-4.593	-8.157	-9.291
291	2.90	-7.772	-3.690	2.595	10.447	18.970	27.113	33.888	38.616	41.102	41.624
301	3.00	40.737	38.957	36.507	33.238	28.769	22.799	15.404	7.177	-0.870	-7.618
311	3.10	-12.226	-14.411	-14.529	-13.416	-12.082	-11.388	-11.825	-13.445	-15.938	-18.788
321	3.20	-21.442	-23.461	-24.618	-24.968	-24.848	-24.814	-25.475	-27.266	-30.214	-33.802
331	3.30	-37.012	-38.579	-37.374	-32.793	-24.992	-14.866	-3.787	6.804	15.770	22.502
341	3.40	26.922	29.314	30.107	29.707	28.455	26.671	24.718	23.007	21.916	21.649
351	3.50	22.126	22.965	23.594	23.440	22.124	19.580	16.058	12.035	8.076	4.700
361	3.60	2.290	1.032	0.877	1.529	2.478	3.098	2.830	1.378	-1.135	-4.170
371	3.70	-6.956	-8.803	-9.425	-9.102	-8.591	-8.795	-10.342	-13.249	-16.868	-20.121
381	3.80	-21.946	-21.712	-19.464	-15.817	-11.652	-7.740	-4.507	-2.036	-0.275	0.723
391	3.90	0.705	-0.649	-3.418	-7.161	-10.856	-13.169	-12.969	-9.857	-4.432	1.866
401	4.00	7.313	10.611	11.420	10.458	9.110	8.735	10.000	12.567	15.287	16.792
411	4.10	16.199	13.578	9.953	6.832	5.498	6.404	8.939	11.690	13.063	11.969
421	4.20	8.280	2.858	-2.838	-7.362	-9.845	-10.260	-9.320	-8.072	-7.400	-7.662
431	4.30	-8.612	-9.608	-10.002	-9.496	-8.318	-7.119	-6.646	-7.352	-9.114	-11.218
441	4.40	-12.624	-12.424	-10.284	-6.679	-2.777	-0.012	0.515	-1.454	-5.137	-8.945
451	4.50	-11.055	-10.121	-5.819	1.004	8.643	15.175	19.168	20.149	18.667	15.938
461	4.60	13.261	11.483	10.727	10.493	10.023	8.734	6.498	3.649	0.744	-1.763
471	4.70	-3.739	-5.382	-7.010	-8.782	-10.502	-11.650	-11.621	-10.058	-7.090	-3.352
481	4.80	0.257	2.957	4.427	4.927	5.144	5.825	7.375	9.611	11.799	12.952
491	4.90	12.260	9.455	4.959	-0.249	-4.972	-8.209	-9.454	-8.807	-6.850	-4.389

Table 7-45-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1237 1315-GR-1-1 HA. (HA.) ONENUHA BRIDGE MAX. ACC. = 66.911 (GAL) T= 1.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-2.151	-0.574	0.284	0.686	1.057	1.793	3.087	4.834	6.618	7.819
511	5.10	7.802	6.141	2.810	-1.736	-6.658	-10.978	-13.919	-15.179	-15.045	-14.243
521	5.20	-13.605	-13.655	-14.336	-15.004	-14.720	-12.729	-8.898	-3.897	0.994	4.388
531	5.30	5.394	4.033	1.270	-1.387	-2.538	-1.503	1.388	4.971	7.801	8.824
541	5.40	7.856	5.630	3.415	2.381	3.042	5.031	7.317	8.750	8.652	7.170
551	5.50	5.228	4.094	4.798	7.663	12.161	17.140	21.280	23.564	23.545	21.350
561	5.60	17.458	12.438	6.779	0.888	-4.808	-9.762	-13.338	-14.999	-14.553	-12.344
571	5.70	-9.231	-6.349	-4.718	-4.884	-6.732	-9.570	-12.418	-14.380	-14.931	-14.015
581	5.80	-11.958	-9.262	-6.421	-3.811	-1.701	-0.303	0.185	-0.394	-2.086	-4.747
591	5.90	-8.034	-11.469	-14.555	-16.886	-18.187	-18.287	-17.061	-14.408	-10.296	-4.881
601	6.00	1.397	7.808	13.478	17.643	19.921	20.461	19.887	19.040	18.636	18.984
611	6.10	19.906	20.885	21.354	20.985	19.827	18.230	16.611	15.204	13.928	12.454
621	6.20	10.425	7.717	4.570	1.536	-0.766	-1.943	-2.037	-1.527	-1.137	-1.538
631	6.30	-3.086	-5.722	-9.064	-12.616	-15.993	-19.031	-21.755	-24.239	-26.458	-28.222
641	6.40	-29.239	-29.262	-28.239	-26.369	-24.029	-21.603	-19.295	-17.028	-14.478	-11.229
651	6.50	-6.990	-1.760	4.125	10.072	15.418	19.632	22.453	23.934	24.377	24.207
661	6.60	23.831	23.534	23.443	23.535	23.699	23.791	23.679	23.260	22.437	21.098
671	6.70	19.099	16.280	12.523	7.837	2.423	-3.300	-8.755	-13.348	-16.630	-18.442
681	6.80	-18.965	-18.647	-18.001	-17.606	-17.573	-17.916	-18.442	-18.941	-19.317	-19.620
691	6.90	-19.973	-20.441	-20.908	-21.061	-20.496	-18.892	-16.184	-12.610	-8.626	-4.705
701	7.00	-1.123	2.151	5.406	9.001	13.127	17.646	22.090	25.812	28.233	29.038
711	7.10	28.260	26.200	23.255	19.757	15.894	11.766	7.510	3.403	-0.124	-2.592
721	7.20	-3.653	-3.236	-1.593	0.787	3.358	5.672	7.450	8.547	8.830	8.099
731	7.30	6.098	2.639	-2.211	-7.999	-13.907	-18.928	-22.157	-23.056	-21.597	-18.215
741	7.40	-13.610	-8.524	-3.563	0.837	4.359	6.729	7.791	7.139	5.149	2.158
751	7.50	-1.132	-3.941	-5.683	-6.184	-5.730	-4.914	-4.339	-4.344	-4.860	-5.503
761	7.60	-5.804	-5.490	-4.621	-3.544	-2.675	-2.255	-2.219	-2.256	-2.023	-1.385
771	7.70	-0.527	0.146	0.257	-0.264	-1.069	-1.517	-0.991	0.752	3.407	6.231
781	7.80	8.407	9.472	9.584	9.456	9.974	11.677	14.382	17.150	18.661	17.825
791	7.90	14.337	8.900	2.991	-1.738	-4.142	-4.033	-2.195	0.041	1.431	1.372
801	8.00	0.106	-1.492	-2.431	-2.145	-0.805	0.751	1.405	0.295	-2.781	-7.249
811	8.10	-11.981	-15.737	-17.626	-17.399	-15.478	-12.730	-10.111	-8.313	-7.554	-7.556
821	8.20	-7.691	-7.246	-5.696	-2.907	0.785	4.662	7.835	9.546	9.429	7.668
831	8.30	4.954	2.257	0.491	0.190	1.334	3.397	5.601	7.252	8.017	8.010
841	8.40	7.663	7.451	7.613	8.021	8.262	7.877	6.639	4.721	2.649	1.071
851	8.50	0.443	0.800	1.722	2.514	2.517	1.396	-0.722	-3.325	-5.748	-7.453
861	8.60	-8.216	-8.158	-7.624	-6.989	-6.502	-6.233	-6.122	-6.081	-6.076	-6.139
871	8.70	-6.305	-6.544	-6.719	-6.633	-6.125	-5.177	-3.962	-2.797	-2.015	-1.832
881	8.80	-2.248	-3.054	-3.925	-4.556	-4.765	-4.532	-3.950	-3.146	-2.194	-1.093
891	8.90	0.212	1.769	3.576	5.564	7.624	9.636	11.486	13.051	14.176	14.675
901	9.00	14.366	13.169	11.186	8.734	6.281	4.290	3.027	2.443	2.176	1.724
911	9.10	0.696	-0.953	-2.837	-4.255	-4.482	-3.106	-0.262	3.356	6.723	8.851
921	9.20	9.163	7.681	4.985	1.951	-0.602	-2.194	-2.794	-2.730	-2.462	-2.361
931	9.30	-2.571	-3.024	-3.545	-3.993	-4.329	-4.606	-4.889	-5.179	-5.398	-5.440
941	9.40	-5.261	-4.942	-4.669	-4.642	-4.952	-5.511	-6.081	-6.395	-6.309	-5.896
951	9.50	-5.418	-5.176	-5.327	-5.754	-6.084	-5.856	-4.758	-2.810	-0.398	1.881
961	9.60	3.483	4.159	4.065	3.670	3.523	3.997	5.130	6.658	8.185	9.397
971	9.70	10.200	10.700	11.056	11.297	11.238	10.550	8.968	6.518	3.619	1.001
981	9.80	-0.582	-0.676	0.637	2.736	4.697	5.668	5.208	3.443	0.970	-1.433
991	9.90	-3.147	-3.956	-4.095	-4.093	-4.524	-5.769	-7.883	-10.609	-13.487	-16.007

Table 7-45-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1237 1315-GR-1-1 HA. (HA.) ONENUMA BRIDGE MAX. ACC. = 66.911 (GAL) T= 1.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-17.731	-18.368	-17.815	-16.161	-13.681	-10.784	-7.925	-5.475	-3.597	-2.196
1011	10.10	-0.977	0.383	2.040	3.844	5.368	6.097	5.708	4.304	2.456	1.019
1021	10.20	0.784	2.122	4.801	8.073	10.999	12.847	13.389	12.932	12.085	11.387
1031	10.30	10.999	10.626	9.704	7.767	4.778	1.256	-1.891	-3.751	-3.824	-2.272
1041	10.40	0.129	2.297	3.279	2.603	0.406	-2.692	-5.886	-8.494	-10.151	-10.827
1051	10.50	-10.713	-10.070	-9.122	-8.038	-6.960	-6.030	-5.366	-4.994	-4.794	-4.514
1061	10.60	-3.870	-2.705	-1.103	0.601	1.958	2.619	2.526	1.972	1.469	1.506
1071	10.70	2.285	3.605	4.944	5.717	5.582	4.628	3.350	2.414	2.315	3.109
1081	10.80	4.361	5.329	5.317	4.019	1.694	-0.914	-2.883	-3.502	-2.559	-0.423
1091	10.90	2.126	4.229	5.290	5.192	4.294	3.246	2.701	3.053	4.302	6.084
1101	11.00	7.834	9.000	9.227	8.445	6.848	4.789	2.640	0.679	-0.970	-2.326
1111	11.10	-3.494	-4.581	-5.632	-6.602	-7.372	-7.802	-7.789	-7.319	-6.483	-5.465
1121	11.20	-4.496	-3.812	-3.607	-3.999	-5.018	-6.592	-8.553	-10.641	-12.535	-13.899
1131	11.30	-14.435	-13.944	-12.369	-9.799	-6.458	-2.659	1.243	4.684	7.925	10.085
1141	11.40	11.177	11.165	10.196	8.609	6.868	5.444	4.670	4.621	5.081	5.634
1151	11.50	5.824	5.362	4.244	2.768	1.402	0.585	0.545	1.216	2.294	3.399
1161	11.60	4.260	4.823	5.234	5.708	6.349	7.031	7.401	7.009	5.513	2.859
1171	11.70	-0.652	-4.444	-7.856	-10.357	-11.701	-11.969	-11.482	-10.653	-9.835	-9.227
1181	11.80	-8.858	-8.635	-8.424	-8.122	-7.694	-7.196	-6.749	-6.510	-6.605	-7.073
1191	11.90	-7.804	-8.528	-8.869	-8.464	-7.117	-4.916	-2.249	0.310	2.231	3.271
1201	12.00	3.618	3.846	4.682	6.663	9.840	13.674	17.203	19.411	19.660	17.983
1211	12.10	15.090	12.092	10.038	9.486	10.305	11.775	12.951	13.102	12.020	10.059
1221	12.20	7.898	6.161	5.091	4.445	3.643	2.111	-0.386	-3.586	-6.823	-9.339
1231	12.30	-10.641	-10.731	-10.091	-9.435	-9.353	-10.027	-11.165	-12.170	-12.470	-11.825
1241	12.40	-10.464	-8.984	-8.058	-8.110	-9.100	-10.542	-11.723	-12.029	-11.211	-9.470
1251	12.50	-7.337	-5.407	-4.061	-3.317	-2.852	-2.191	-0.946	0.994	3.424	5.925
1261	12.60	8.061	9.556	10.391	10.783	11.014	11.316	11.737	12.131	12.242	11.834
1271	12.70	10.822	9.333	7.681	6.258	5.403	5.269	5.765	6.577	7.264	7.409
1281	12.80	6.754	5.296	3.286	1.154	-0.635	-1.732	-2.005	-1.570	-0.727	0.152
1291	12.90	0.745	0.855	0.433	-0.470	-1.759	-3.341	-5.126	-7.003	-8.804	-10.314
1301	13.00	-11.321	-11.701	-11.495	-10.929	-10.353	-10.114	-10.408	-11.185	-12.143	-12.814
1311	13.10	-12.726	-11.561	-9.259	-6.040	-2.341	1.298	4.354	6.433	7.352	7.177
1321	13.20	6.235	5.057	4.264	4.400	5.749	8.205	11.259	14.144	16.087	16.604
1331	13.30	15.682	13.792	11.691	10.101	9.404	9.501	9.893	9.951	9.245	7.763
1341	13.40	5.915	4.302	3.393	3.245	3.439	3.256	2.021	-0.559	-4.235	-8.304
1351	13.50	-11.911	-14.416	-15.646	-15.922	-15.850	-16.007	-16.667	-17.705	-18.701	-19.134
1361	13.60	-18.853	-17.698	-15.936	-13.855	-11.652	-9.367	-6.951	-4.401	-1.872	0.333
1371	13.70	1.894	2.672	2.844	2.878	3.342	4.614	6.659	8.988	10.842	11.540
1381	13.80	10.814	8.971	6.787	5.185	4.834	5.869	7.858	10.035	11.665	12.377
1391	13.90	12.287	11.871	11.655	11.906	12.468	12.843	12.469	11.031	8.662	5.896
1401	14.00	3.418	1.714	0.818	0.287	-0.580	-2.381	-5.281	-8.875	-12.328	-14.712
1411	14.10	-15.395	-14.298	-11.912	-9.071	-6.606	-5.050	-4.502	-4.716	-5.314	-6.016
1421	14.20	-6.749	-7.600	-8.652	-9.823	-10.821	-11.246	-10.798	-9.473	-7.625	-5.837
1431	14.30	-4.651	-4.285	-4.491	-4.628	-3.950	-1.963	1.310	5.289	9.051	11.704
1441	14.40	12.748	12.260	10.821	9.235	8.185	7.976	8.492	9.349	10.146	10.677
1451	14.50	10.985	11.257	11.623	12.000	12.081	11.473	9.919	7.476	4.537	1.671
1461	14.60	-0.641	-2.238	-3.358	-4.510	-6.206	-8.673	-11.710	-14.746	-17.087	-18.212
1471	14.70	-17.994	-16.727	-14.968	-13.271	-11.966	-11.077	-10.402	-9.701	-8.856	-7.939
1481	14.80	-7.128	-6.546	-6.130	-5.607	-4.612	-2.892	-0.475	2.286	4.834	6.645
1491	14.90	7.467	7.437	7.023	6.819	7.283	8.548	10.391	12.358	13.973	14.931

Table 7-45-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1237 1315-GR-1-1 HA. (HA.) ONENUMA BRIDGE MAX. ACC. = 66.911 (GAL) T= 1.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	15.179	14.872	14.231	13.416	12.452	11.274	9.823	8.150	6.446	4.978
1511	15.10	3.964	3.445	3.231	2.950	2.177	0.606	-1.833	-4.934	-8.261	-11.373
1521	15.20	-13.763	-15.165	-15.494	-14.845	-13.438	-11.543	-9.417	-7.266	-5.224	-3.363
1531	15.30	-1.714	-0.306	0.811	1.556	1.836	1.598	0.878	-0.167	-1.276	-2.152
1541	15.40	-2.557	-2.399	-1.764	-0.876	0.005	0.701	1.198	1.666	2.287	3.334
1551	15.50	4.859	6.745	8.715	10.425	11.567	11.945	11.497	10.265	8.352	5.902
1561	15.60	3.097	0.181	-2.538	-4.733	-6.132	-6.617	-6.277	-5.392	-4.328	-3.396
1571	15.70	-2.731	-2.253	-1.737	-0.954	0.174	1.489	2.633	3.187	2.861	1.642
1581	15.80	-0.170	-2.062	-3.498	-4.119	-3.880	-3.044	-2.065	-1.398	-1.324	-1.860
1591	15.90	-2.777	-3.713	-4.323	-4.404	-3.937	-3.068	-2.012	-0.966	-0.946	0.725
1601	16.00	1.327	1.935	2.382	2.648	2.650	2.351	1.802	1.159	0.639	0.441
1611	16.10	0.663	1.244	1.973	2.564	2.770	2.496	1.863	1.183	0.851	1.195
1621	16.20	2.343	4.151	6.236	8.095	9.264	9.455	8.624	6.949	4.741	2.337
1631	16.30	0.008	-2.070	-3.801	-5.136	-6.044	-6.524	-6.631	-6.500	-6.336	-6.356
1641	16.40	-6.696	-7.326	-8.026	-8.437	-8.191	-7.058	-5.064	-2.515	0.086	2.200
1651	16.50	3.430	3.642	2.988	1.825	0.561	-0.492	-1.209	-1.656	-2.001	-2.400
1661	16.60	-2.889	-3.347	-3.543	-3.234	-2.284	-0.735	1.177	3.097	4.659	5.601
1671	16.70	5.838	5.465	4.697	3.777	2.884	2.091	1.366	0.633	-0.162	-0.992
1681	16.80	-1.746	-2.252	-2.347	-1.931	-1.005	0.341	1.957	3.677	5.348	6.827
1691	16.90	7.969	8.607	8.566	7.709	6.000	3.575	0.751	-2.016	-4.245	-5.569
1701	17.00	-5.855	-5.250	-4.140	-3.022	-2.340	-2.343	-3.024	-4.146	-5.352	-6.308
1711	17.10	-6.818	-6.868	-6.593	-6.180	-5.760	-5.343	-4.817	-4.016	-2.833	-1.304
1721	17.20	0.357	1.810	2.704	2.826	2.194	1.080	-0.073	-0.805	-0.809	-0.053
1731	17.30	1.209	2.532	3.453	3.665	3.141	2.125	1.035	0.280	0.102	0.484
1741	17.40	1.173	1.802	2.047	1.768	1.046	0.136	-0.658	-1.122	-1.208	-1.041
1751	17.50	-0.831	-0.756	-0.877	-1.099	-1.234	-1.092	-0.584	0.226	1.147	1.943
1761	17.60	2.439	2.596	2.523	2.416	2.470	2.779	3.304	3.890	4.350	4.563
1771	17.70	4.539	4.427	4.452	4.811	5.566	6.595	7.604	8.224	8.144	7.233
1781	17.80	5.606	3.594	1.639	0.134	-0.720	-0.982	-0.950	-1.028	-1.562	-2.685
1791	17.90	-4.259	-5.920	-7.234	-7.886	-7.820	-7.279	-6.702	-6.532	-7.009	-8.047
1801	18.00	-9.248	-10.060	-10.017	-8.953	-7.096	-4.997	-3.313	-2.567	-2.839	-3.912
1811	18.10	-5.190	-6.029	-5.969	-4.896	-3.049	-0.889	1.110	2.644	3.661	4.316
1821	18.20	4.839	5.391	5.978	6.468	6.678	6.489	5.923	5.134	4.334	3.690
1831	18.30	3.253	2.951	2.658	2.284	1.840	1.444	1.254	1.374	1.775	2.285
1841	18.40	2.645	2.624	2.117	1.203	0.104	-0.895	-1.574	-1.851	-1.809	-1.633
1851	18.50	-1.526	-1.602	-1.844	-2.110	-2.197	-1.935	-1.264	-0.269	0.841	1.798
1861	18.60	2.373	2.460	2.123	1.584	1.156	1.130	1.669	2.729	4.057	5.262
1871	18.70	5.946	5.841	4.911	3.364	1.578	-0.031	-1.147	-1.648	-1.615	-1.273
1881	18.80	-0.884	-0.663	-0.727	-1.104	-1.768	-2.670	-3.741	-4.869	-5.879	-6.547
1891	18.90	-6.664	-6.128	-5.025	-3.648	-2.413	-1.713	-1.754	-2.452	-3.458	-4.290
1901	19.00	-4.530	-3.993	-2.792	-1.263	0.197	1.314	2.031	2.491	2.911	3.425
1911	19.10	3.982	4.359	4.284	3.596	2.366	0.898	-0.385	-1.117	-1.147	-0.588
1921	19.20	0.254	1.043	1.571	1.842	2.035	2.381	3.010	3.864	4.708	5.242
1931	19.30	5.249	4.702	3.781	2.792	2.041	1.709	1.805	2.191	2.675	3.095
1941	19.40	3.381	3.569	3.655	3.746	3.831	3.877	3.838	3.673	3.348	2.821
1951	19.50	2.027	0.893	-0.626	-2.493	-4.550	-6.531	-8.135	-9.133	-9.453	-9.225
1961	19.60	-8.727	-8.271	-8.080	-8.190	-8.455	-8.619	-8.441	-7.804	-6.762	-5.508
1971	19.70	-4.285	-3.278	-2.557	-2.065	-1.666	-1.214	-0.598	0.235	1.301	2.603
1981	19.80	4.134	5.862	7.695	9.464	10.932	11.858	12.075	11.566	10.485	9.127
1991	19.90	7.832	6.883	6.414	6.380	6.576	6.718	6.529	5.819	4.524	2.713

Table 7-45-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1237 1315-GR-1-1 HA. (HA.) ONENUMA BRIDGE MAX. ACC. = 66.911 (GAL) T= 1.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.559	-1.705	-3.837	-5.637	-6.975	-7.817	-8.219	-8.310	-8.251	-8.191
2011	20.10	-8.234	-8.420	-8.732	-9.114	-9.500	-9.826	-10.039	-10.090	-9.935	-9.561
2021	20.20	-8.903	-8.059	-7.093	-6.122	-5.254	-4.557	-4.032	-3.612	-3.199	-2.693
2031	20.30	-2.029	-1.179	-0.134	1.123	2.629	4.422	6.494	8.748	10.966	12.846
2041	20.40	14.070	14.410	13.807	12.403	10.498	8.461	6.621	5.196	4.267	3.814
2051	20.50	3.771	4.072	4.659	5.458	6.340	7.107	7.521	7.377	6.581	5.206
2061	20.60	3.481	1.717	0.201	-0.909	-1.626	-2.113	-2.599	-3.278	-4.234	-5.416
2071	20.70	-6.676	-7.832	-8.740	-9.323	-9.575	-9.532	-9.241	-8.751	-8.114	-7.411
2081	20.80	-6.753	-6.269	-6.061	-6.162	-6.501	-6.911	-7.172	-7.082	-6.521	-5.495
2091	20.90	-4.127	-2.619	-1.185	0.003	0.856	1.369	1.606	1.669	1.674	1.730
2101	21.00	1.930	2.342	3.010	3.945	5.124	6.497	7.989	9.511	10.967	12.253
2111	21.10	13.250	13.835	13.897	13.366	12.255	10.679	8.851	7.031	5.452	4.238
2121	21.20	3.358	2.631	1.797	0.628	-0.969	-2.891	-4.866	-6.541	-7.619	-7.975
2131	21.30	-7.708	-7.112	-6.571	-6.430	-6.884	-7.938	-9.430	-11.111	-12.725	-14.065
2141	21.40	-14.986	-15.387	-15.190	-14.345	-12.863	-10.849	-8.529	-6.204	-4.172	-2.613
2151	21.50	-1.509	-0.644	0.319	1.684	3.581	5.890	8.275	10.324	11.727	12.416
2161	21.60	12.595	12.643	12.935	13.650	14.681	15.668	16.160	15.826	14.614	12.787
2171	21.70	10.821	9.198	8.206	7.826	7.755	7.554	6.854	5.508	3.641	1.566
2181	21.80	-0.373	-1.963	-3.203	-4.275	-5.421	-6.799	-8.392	-10.006	-11.364	-12.243
2191	21.90	-12.576	-12.478	-12.173	-11.878	-11.687	-11.531	-11.224	-10.580	-9.523	-8.157
2201	22.00	-6.728	-5.519	-4.718	-4.321	-4.132	-3.846	-3.185	-2.027	-0.456	1.280
2211	22.10	2.879	4.113	4.918	5.396	5.753	6.190	6.812	7.597	8.417	9.112
2221	22.20	9.556	9.697	9.552	9.166	8.582	7.817	6.890	5.843	4.769	3.798
2231	22.30	3.053	2.593	2.375	2.256	2.048	1.588	0.810	-0.225	-1.360	-2.401
2241	22.40	-3.191	-3.657	-3.818	-3.757	-3.573	-3.351	-3.148	-3.004	-2.953	-3.025
2251	22.50	-3.234	-3.554	-3.909	-4.190	-4.291	-4.154	-3.793	-3.284	-2.725	-2.180
2261	22.60	-1.654	-1.105	-0.492	0.163	0.740	1.051	0.912	0.245	-0.860	-2.148
2271	22.70	-3.283	-3.977	-4.109	-3.760	-3.173	-2.621	-2.277	-2.130	-2.004	-1.659
2281	22.80	-0.924	0.191	1.488	2.655	3.401	3.579	3.234	2.558	1.785	1.077
2291	22.90	0.471	-0.092	-0.674	-1.245	-1.639	-1.613	-0.960	0.349	2.103	3.885
2301	23.00	5.219	5.763	5.453	4.536	3.469	2.720	2.566	2.969	3.599	3.987
2311	23.10	3.732	2.687	1.022	-0.845	-2.426	-3.364	-3.568	-3.232	-2.724	-2.420
2321	23.20	-2.541	-3.074	-3.801	-4.412	-4.655	-4.440	-3.864	-3.157	-2.573	-2.280
2331	23.30	-2.305	-2.545	-2.828	-2.997	-2.969	-2.749	-2.402	-2.004	-1.596	-1.171
2341	23.40	-0.694	-0.131	0.519	1.215	1.895	2.498	2.995	3.388	3.697	3.936
2351	23.50	4.094	4.140	4.053	3.849	3.600	3.425	3.445	3.721	4.209	4.751
2361	23.60	5.112	5.057	4.450	3.306	1.809	0.254	-1.055	-1.906	-2.261	-2.265
2371	23.70	-2.193	-2.344	-2.926	-3.974	-5.332	-6.702	-7.746	-8.197	-7.950	-7.087
2381	23.80	-5.839	-4.504	-3.349	-2.532	-2.074	-1.883	-1.812	-1.724	-1.532	-1.210
2391	23.90	-0.770	-0.228	0.415	1.179	2.072	3.064	4.067	4.953	5.588	5.886
2401	24.00	5.850	5.572	5.201	4.883	4.705	4.669	4.699	4.690	4.558	4.280
2411	24.10	3.894	3.470	3.066	2.693	2.311	1.849	1.254	0.519	-0.305	-1.133
2421	24.20	-1.888	-2.540	-3.120	-3.695	-4.331	-5.047	-5.786	-6.435	-6.858	-6.954
2431	24.30	-6.690	-6.116	-5.337	-4.470	-3.611	-2.808	-2.066	-1.378	-0.738	-0.163
2441	24.40	0.317	0.681	0.936	1.117	1.281	1.476	1.713	1.963	2.165	2.258
2451	24.50	2.219	2.079	1.916	1.825	1.876	2.072	2.349	2.587	2.657	2.466
2461	24.60	1.990	1.276	0.424	-0.445	-1.226	-1.846	-2.264	-2.464	-2.448	-2.229
2471	24.70	-1.848	-1.371	-0.893	-0.509	-0.287	-0.231	-0.268	-0.274	-0.113	0.298
2481	24.80	0.945	1.714	2.420	2.877	2.972	2.702	2.175	1.565	1.044	0.720
2491	24.90	0.608	0.649	0.752	0.843	0.901	0.956	1.060	1.253	1.528	1.831

Table 7-45-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1237 1315-GR-1-1 HA. (HA.) ONENUMA BRIDGE MAX. ACC. = 66.911 (GAL) T= 1.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	2.079	2.192	2.123	1.871	1.474	0.997	0.599	0.072	-0.270	-0.490
2511	25.10	-0.590	-0.599	-0.572	-0.581	-0.683	-0.889	-1.150	-1.351	-1.352	-1.040
2521	25.20	-0.379	0.557	1.601	2.544	3.205	3.488	3.412	3.083	2.644	2.215
2531	25.30	1.851	1.537	1.213	0.819	0.327	-0.246	-0.856	-1.452	-2.002	-2.498
2541	25.40	-2.948	-3.355	-3.699	-3.945	-4.049	-3.987	-3.764	-3.423	-3.027	-2.640
2551	25.50	-2.298	-2.004	-1.725	-1.409	-1.005	-0.486	0.141	0.825	1.482	2.015
2561	25.60	2.341	2.412	2.235	1.867	1.397	0.913	0.473	0.095	-0.231	-0.517
2571	25.70	-0.744	-0.855	-0.780	-0.473	0.036	0.630	1.126	1.350	1.211	0.756
2581	25.80	0.153	-0.374	-0.656	-0.656	-0.497	-0.391	-0.528	-0.959	-1.549	-2.016
2591	25.90	-2.061	-1.509	-0.407	0.986	2.302	3.227	3.628	3.597	3.378	3.228
2601	26.00	3.274	3.449	3.531	3.273	2.546	1.427	0.179	-0.858	-1.420	-1.427
2611	26.10	-1.009	-0.429	0.046	0.256	0.189	-0.064	-0.398	-0.782	-1.282	-2.013
2621	26.20	-3.043	-4.321	-5.654	-6.780	-7.478	-7.672	-7.470	-7.107	-6.827	-6.756
2631	26.30	-6.835	-6.853	-6.550	-5.760	-4.500	-2.981	-1.516	-0.385	0.278	0.535
2641	26.40	0.594	0.700	1.021	1.582	2.281	2.970	3.549	4.029	4.522	5.170
2651	26.50	6.053	7.115	8.173	8.975	9.311	9.099	8.414	7.447	6.415	5.462
2661	26.60	4.616	3.802	2.926	1.951	0.953	0.098	-0.438	-0.571	-0.382	-0.104
2671	26.70	-0.042	-0.441	-1.368	-2.675	-4.052	-5.158	-5.772	-5.885	-5.698	-5.525
2681	26.80	-5.442	-6.155	-6.948	-7.733	-8.173	-8.026	-7.232	-5.923	-4.346	-2.750
2691	26.90	-1.300	-0.048	1.034	1.977	2.761	3.306	3.519	3.367	2.927	2.382
2701	27.00	1.957	1.821	2.009	2.409	2.820	3.055	3.035	2.828	2.608	2.559
2711	27.10	2.766	3.160	3.544	3.683	3.424	2.776	1.919	1.135	0.684	0.699
2721	27.20	1.139	1.806	2.439	2.814	2.813	2.454	1.864	1.129	0.430	-0.185
2731	27.30	-0.693	-1.099	-1.414	-1.641	-1.786	-1.862	-1.897	-1.923	-1.965	-2.076
2741	27.40	-2.092	-2.144	-2.175	-2.202	-2.254	-2.362	-2.537	-2.763	-3.016	-3.276
2751	27.50	-3.547	-3.852	-4.210	-4.599	-4.936	-5.090	-4.925	-4.365	-3.443	-2.307
2761	27.60	-1.173	-0.242	0.386	0.748	0.992	1.300	1.780	2.409	3.027	3.418
2771	27.70	3.421	3.026	2.401	1.838	1.626	1.930	2.716	3.760	4.753	5.430
2781	27.80	5.679	5.569	5.298	5.071	4.994	5.018	4.969	4.642	3.919	2.834
2791	27.90	1.577	0.410	-0.444	-0.892	-0.995	-0.926	-0.871	-0.939	-1.128	-1.341
2801	28.00	-1.466	-1.451	-1.348	-1.290	-1.426	-1.838	-2.500	-3.287	-4.038	-4.636
2811	28.10	-5.059	-5.369	-5.657	-5.960	-6.213	-6.256	-5.913	-5.092	-3.860	-2.456
2821	28.20	-1.212	-0.430	-0.254	-0.607	-1.218	-1.728	-1.835	-1.394	-0.458	0.781
2831	28.30	2.093	3.314	4.397	5.395	6.384	7.384	8.314	9.008	9.296	9.089
2841	28.40	8.445	7.563	6.712	6.129	5.917	6.007	6.184	6.175	5.762	4.861
2851	28.50	3.553	2.048	0.599	-0.583	-1.405	-1.906	-2.225	-2.546	-3.024	-3.738
2861	28.60	-4.671	-5.729	-6.775	-7.668	-8.297	-8.590	-8.518	-8.085	-7.325	-6.306
2871	28.70	-5.130	-3.938	-2.893	-2.154	-1.828	-1.934	-2.383	-2.996	-3.546	-3.831
2881	28.80	-3.734	-3.259	-2.520	-1.696	-0.967	-0.453	-0.184	-0.102	-0.099	-0.063
2891	28.90	0.095	0.413	0.891	1.499	2.192	2.911	3.589	4.153	4.537	4.701
2901	29.00	4.658	4.467	4.227	4.038	3.968	4.027	4.170	4.325	4.427	4.451
2911	29.10	4.417	4.370	4.351	4.375	4.417	4.436	4.389	4.257	4.037	3.721
2921	29.20	3.281	2.655	1.771	0.589	-0.859	-2.449	-3.987	-5.263	-6.123	-6.516
2931	29.30	-6.512	-6.257	-5.920	-5.630	-5.446	-5.368	-5.369	-5.429	-5.547	-5.727
2941	29.40	-5.952	-6.155	-6.231	-6.071	-5.610	-4.863	-3.923	-2.918	-1.953	-1.063
2951	29.50	-0.203	0.714	1.754	2.905	4.062	5.061	5.748	6.054	6.027	5.815
2961	29.60	5.601	5.518	5.598	5.756	5.840	5.700	5.251	4.511	3.581	2.607
2971	29.70	1.721	1.000	0.457	0.047	-0.303	-0.671	-1.120	-1.684	-2.361	-3.111
2981	29.80	-3.854	-4.489	-4.914	-5.071	-4.964	-4.672	-4.325	-4.053	-3.939	-3.985
2991	29.90	-4.112	-4.200	-4.146	-3.904	-3.505	-3.032	-2.566	-2.144	-1.728	-1.230

Table 7-45-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1237 1315-GR-1-1 HA. (HA.) ONENUHA BRIDGE MAX. ACC. = 66.911 (GAL) T= 1.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.552	0.353	1.447	2.608	3.667	4.469	4.923	5.028	4.858	4.527
3011	30.10	4.136	3.747	3.369	2.972	2.521	1.997	1.414	0.816	0.265	-0.183
3021	30.20	-0.494	-0.660	-0.706	-0.676	-0.619	-0.580	-0.580	-0.619	-0.672	-0.702
3031	30.30	-0.683	-0.608	-0.501	-0.414	-0.409	-0.534	-0.804	-1.186	-1.605	-1.958
3041	30.40	-2.147	-2.100	-1.797	-1.275	-0.625	0.028	0.558	0.864	0.905	0.712
3051	30.50	0.385	0.064	-0.112	-0.051	0.251	0.710	1.176	1.487	1.530	1.283
3061	30.60	0.827	0.308	-0.112	-0.322	-0.297	-0.099	0.163	0.383	0.510	0.563
3071	30.70	0.612	0.739	0.982	1.316	1.653	1.879	1.907	1.712	1.350	0.928
3081	30.80	0.572	0.374	0.364	0.506	0.718	0.906	0.993	0.941	0.749	0.445
3091	30.90	0.073	-0.314	-0.665	-0.932	-1.083	-1.113	-1.052	-0.971	-0.961	-1.105
3101	31.00	-1.439	-1.928	-2.465	-2.900	-3.093	-2.970	-2.549	-1.947	-1.327	-0.845
3111	31.10	-0.586	-0.534	-0.589	-0.606	-0.457	-0.080	0.504	1.211	1.928	2.555
3121	31.20	3.032	3.339	3.480	3.462	3.289	2.971	2.532	2.030	1.544	1.158
3131	31.30	0.924	0.834	0.821	0.778	0.601	0.234	-0.305	-0.931	-1.518	-1.943
3141	31.40	-2.123	-2.034	-1.710	-1.226	-0.678	-0.166	0.215	0.388	0.303	-0.041
3151	31.50	-0.584	-1.203	-1.740	-2.041	-2.013	-1.659	-1.083	-0.452	0.067	0.377
3161	31.60	0.491	0.520	0.628	0.945	1.509	2.230	2.923	3.365	3.390	2.945
3171	31.70	2.110	1.071	0.048	-0.773	-1.297	-1.525	-1.532	-1.419	-1.264	-1.105
3181	31.80	-0.946	-0.776	-0.605	-0.472	-0.431	-0.526	-0.759	-1.074	-1.377	-1.570
3191	31.90	-1.600	-1.482	-1.305	-1.183	-1.206	-1.388	-1.649	-1.850	-1.850	-1.574
3201	32.00	-1.055	-0.424	0.146	0.516	0.642	0.592	0.505	0.521	0.702	1.004
3211	32.10	1.292	1.418	1.298	0.958	0.534	0.198	0.080	0.195	0.438	0.635
3221	32.20	0.632	0.376	-0.047	-0.458	-0.660	-0.534	-0.091	0.537	1.166	1.643
3231	32.30	1.915	2.034	2.112	2.244	2.456	2.678	2.792	2.693	2.349	1.824
3241	32.40	1.247	0.749	0.402	0.191	0.027	-0.190	-0.520	-0.942	-1.364	-1.665
3251	32.50	-1.756	-1.620	-1.315	-0.954	-0.652	-0.493	-0.504	-0.670	-0.948	-1.291
3261	32.60	-1.650	-1.977	-2.214	-2.297	-2.181	-1.862	-1.395	-0.828	-0.518	-0.381
3271	32.70	-0.546	-0.969	-1.516	-1.999	-2.236	-2.109	-1.596	-0.774	0.210	1.183
3281	32.80	1.996	2.554	2.834	2.879	2.776	2.632	2.531	2.517	2.577	2.643
3291	32.90	2.622	2.424	2.001	1.374	0.626	-0.112	-0.709	-1.064	-1.135	-0.942
3301	33.00	-0.551	-0.043	0.502	1.021	1.462	1.776	1.916	1.844	1.542	1.029
3311	33.10	0.367	-0.354	-1.039	-1.614	-2.049	-2.355	-2.568	-2.731	-2.871	-3.000
3321	33.20	-3.114	-3.211	-3.293	-3.359	-3.396	-3.364	-3.205	-2.862	-2.318	-1.622
3331	33.30	-0.891	-0.281	0.069	0.097	-0.149	-0.523	-0.837	-0.941	-0.785	-0.447
3341	33.40	-0.092	0.105	0.053	-0.207	-0.501	-0.594	-0.292	0.461	1.553	2.726
3351	33.50	3.676	4.166	4.114	3.617	2.902	2.232	1.801	1.664	1.733	1.832
3361	33.60	1.779	1.463	0.878	0.112	-0.709	-1.480	-2.156	-2.747	-3.290	-3.800
3371	33.70	-4.240	-4.529	-4.573	-4.320	-3.796	-3.105	-2.391	-1.782	-1.338	-1.021
3381	33.80	-0.728	-0.339	0.217	0.920	1.666	2.307	2.718	2.846	2.735	2.497
3391	33.90	2.264	2.137	2.153	2.289	2.497	2.739	3.009	3.322	3.687	4.072
3401	34.00	4.393	4.534	4.385	3.893	3.081	2.042	0.893	-0.265	-1.382	-2.450
3411	34.10	-3.473	-4.420	-5.206	-5.708	-5.817	-5.498	-4.824	-3.967	-3.139	-2.509
3421	34.20	-2.138	-1.964	-1.838	-1.608	-1.193	-0.617	0.011	0.561	0.954	1.212
3431	34.30	1.444	1.793	2.360	3.155	4.091	5.028	5.836	6.446	6.865	7.143
3441	34.40	7.326	7.408	7.334	7.022	6.424	5.558	4.515	3.424	2.395	1.476
3451	34.50	0.644	-0.159	-0.978	-1.798	-2.540	-3.101	-3.410	-3.483	-3.429	-3.411
3461	34.60	-3.568	-3.953	-4.494	-5.033	-5.396	-5.479	-5.298	-4.987	-4.734	-4.692
3471	34.70	-4.906	-5.289	-5.653	-5.788	-5.545	-4.888	-3.901	-2.746	-1.600	-0.596
3481	34.80	0.207	0.818	1.285	1.660	1.967	2.206	2.356	2.404	2.357	2.251
3491	34.90	2.142	2.086	2.121	2.247	2.424	2.575	2.614	2.478	2.156	1.708

Table 7-45-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1237 1315-GR-1-1 HA. (HA.) ONENUHA BRIDGE MAX. ACC. = 66.911 (GAL) T= 1.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	1.262	0.979	1.004	1.409	2.158	3.107	4.044	4.757	5.103	5.049
3511	35.10	4.672	4.112	3.508	2.939	2.402	1.833	1.156	0.348	-0.538	-1.381
3521	35.20	-2.045	-2.439	-2.568	-2.535	-2.499	-2.610	-2.945	-3.476	-4.093	-4.650
3531	35.30	-5.037	-5.218	-5.240	-5.193	-5.161	-5.176	-5.205	-5.174	-5.009	-4.677
3541	35.40	-4.210	-3.680	-3.170	-2.728	-2.345	-1.971	-1.543	-1.026	-0.437	0.158
3551	35.50	0.679	1.070	1.336	1.540	1.787	2.172	2.747	3.491	4.324	5.129
3561	35.60	5.800	6.265	6.509	6.564	6.492	6.361	6.224	6.108	6.009	5.896
3571	35.70	5.719	5.421	4.954	4.295	3.459	2.500	1.502	0.557	-0.259	-0.902
3581	35.80	-1.373	-1.710	-1.970	-2.216	-2.499	-2.854	-3.299	-3.837	-4.450	-5.103
3591	35.90	-5.746	-6.319	-6.771	-7.076	-7.245	-7.320	-7.353	-7.383	-7.409	-7.395
3601	36.00	-7.279	-7.008	-6.565	-5.981	-5.321	-4.652	-4.012	-3.398	-2.770	-2.088
3611	36.10	-1.337	-0.550	0.206	0.865	1.401	1.853	2.308	2.869	3.601	4.489
3621	36.20	5.442	6.321	6.991	7.376	7.479	7.371	7.157	6.933	6.762	6.671
3631	36.30	6.663	6.737	6.889	7.101	7.321	7.456	7.386	7.004	6.265	5.214
3641	36.40	3.983	2.749	1.663	0.800	0.130	-0.455	-1.085	-1.848	-2.751	-3.721
3651	36.50	-4.653	-5.458	-6.114	-6.662	-7.171	-7.692	-8.208	-8.640	-8.874	-8.828
3661	36.60	-8.503	-7.995	-7.466	-7.075	-6.905	-6.923	-6.992	-6.925	-6.569	-5.870
3671	36.70	-4.891	-3.775	-2.680	-1.701	-0.831	0.024	0.994	2.164	3.523	4.954
3681	36.80	6.280	7.333	8.025	8.380	8.508	8.548	8.600	8.677	8.720	8.640
3691	36.90	8.389	8.011	7.630	7.403	7.432	7.699	8.042	8.202	7.921	7.041
3701	37.00	5.575	3.703	1.705	-0.140	-1.647	-2.767	-3.574	-4.195	-4.745	-5.274
3711	37.10	-5.770	-6.192	-6.518	-6.773	-7.015	-7.303	-7.646	-7.985	-8.211	-8.213
3721	37.20	-7.935	-7.409	-6.745	-6.081	-5.519	-5.076	-4.683	-4.217	-3.569	-2.691
3731	37.30	-1.621	-0.453	0.709	1.804	2.829	3.825	4.830	5.832	6.752	7.468
3741	37.40	7.867	7.904	7.633	7.193	6.756	6.453	6.328	6.324	6.326	6.223
3751	37.50	5.968	5.601	5.227	4.958	4.854	4.882	4.926	4.840	4.512	3.912
3761	37.60	3.101	2.193	1.300	0.470	-0.324	-1.162	-2.119	-3.208	-4.356	-5.422
3771	37.70	-6.263	-6.802	-7.073	-7.208	-7.379	-7.710	-8.209	-8.749	-9.116	-9.102
3781	37.80	-8.603	-7.667	-6.488	-5.332	-4.432	-3.905	-3.724	-3.748	-3.795	-3.725
3791	37.90	-3.477	-3.069	-2.551	-1.954	-1.260	-0.412	0.636	1.876	3.212	4.491
3801	38.00	5.548	6.282	6.693	6.882	6.998	7.169	7.445	7.777	8.051	8.146
3811	38.10	7.988	7.583	7.006	6.357	5.721	5.132	4.584	4.054	3.527	3.017
3821	38.20	2.548	2.132	1.743	1.312	0.752	0.003	-0.933	-1.983	-3.024	-3.941
3831	38.30	-4.676	-5.256	-5.776	-6.351	-7.056	-7.879	-8.716	-9.420	-9.855	-9.961
3841	38.40	-9.777	-9.419	-9.025	-8.694	-8.443	-8.211	-7.895	-7.405	-6.714	-5.864
3851	38.50	-4.945	-4.040	-3.185	-2.346	-1.439	-0.382	0.855	2.215	3.564	4.740
3861	38.60	5.617	6.162	6.447	6.626	6.868	7.292	7.918	8.661	9.371	9.884
3871	38.70	10.090	9.953	9.517	8.867	8.091	7.248	6.354	5.396	4.355	3.231
3881	38.80	2.045	0.841	-0.332	-1.437	-2.457	-3.396	-4.277	-5.133	-5.998	-6.896
3891	38.90	-7.831	-8.778	-9.679	-10.446	-10.980	-11.200	-11.067	-10.604	-9.884	-9.010
3901	39.00	-8.073	-7.127	-6.175	-5.182	-4.108	-2.932	-1.673	-0.381	0.878	2.051
3911	39.10	3.108	4.038	4.837	5.492	5.982	6.293	6.437	6.461	6.441	6.448
3921	39.20	6.517	6.630	6.722	6.720	6.588	6.353	6.088	5.873	5.723	5.559
3931	39.30	5.218	4.521	3.365	1.799	0.036	-1.610	-2.842	-3.498	-3.618	-3.421
3941	39.40	-3.211	-3.240	-3.606	-4.222	-4.875	-5.329	-5.445	-5.227	-4.808	-4.372
3951	39.50	-4.052	-3.874	-3.753	-3.553	-3.166	-2.572	-1.855	-1.159	-0.626	-0.330
3961	39.60	-0.254	-0.311	-0.381	-0.359	-0.184	0.160	0.660	1.286	1.997	2.734
3971	39.70	3.419	3.956	4.265	4.309	4.119	3.790	3.444	3.188	3.063	3.035
3981	39.80	3.013	2.904	2.657	2.287	1.867	1.482	1.182	0.956	0.738	0.446
3991	39.90	0.034	-0.474	-0.986	-1.376	-1.541	-1.443	-1.128	-0.706	-0.306	-0.031

Table 7-45-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1237 1315-GR-1-1 HA. (HA.) ONENUMA BRIDGE MAX. ACC. = 66.911 (GAL) T= 1.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.075	0.026	-0.125	-0.316	-0.505	-0.675	-0.827	-0.971	-1.106	-1.222
4011	40.10	-1.300	-1.319	-1.263	-1.117	-0.874	-0.531	-0.097	0.401	0.915	1.387
4021	40.20	1.761	2.005	2.124	2.155	2.152	2.159	2.185	2.197	2.139	1.959
4031	40.30	1.644	1.237	0.824	0.513	0.383	0.458	0.699	1.021	1.330	1.567
4041	40.40	1.721	1.827	1.936	2.072	2.228	2.367	2.361	2.228	1.956	1.615
4051	40.50	1.306	1.120	1.097	1.203	1.368	1.424	1.356	1.140	0.842	0.571
4061	40.60	0.429	0.466	0.656	0.919	1.158	1.312	1.374	1.396	1.447	1.567
4071	40.70	1.734	1.862	1.835	1.559	1.007	0.243	-0.596	-1.352	-1.900	-2.187
4081	40.80	-2.242	-2.151	-2.015	-1.911	-1.868	-1.876	-1.899	-1.908	-1.883	-1.825
4091	40.90	-1.738	-1.625	-1.487	-1.328	-1.167	-1.034	-0.966	-0.980	-1.061	-1.154
4101	41.00	-1.181	-1.076	-0.816	-0.438	-0.034	0.283	0.430	0.389	0.223	0.050
4111	41.10	0.004	0.175	0.577	1.135	1.712	2.155	2.350	2.255	1.911	1.427
4121	41.20	0.936	0.554	0.339	0.281	0.307	0.313	0.201	-0.079	-0.517	-1.045
4131	41.30	-1.561	-1.970	-2.215	-2.292	-2.247	-2.147	-2.055	-2.003	-1.995	-2.018
4141	41.40	-2.065	-2.146	-2.291	-2.522	-2.837	-3.186	-3.484	-3.640	-3.593	-3.348
4151	41.50	-2.975	-2.584	-2.283	-2.135	-2.131	-2.211	-2.289	-2.303	-2.234	-2.110
4161	41.60	-1.983	-1.893	-1.852	-1.839	-1.821	-1.777	-1.713	-1.658	-1.647	-1.699
4171	41.70	-1.807	-1.946	-2.091	-2.233	-2.387	-2.575	-2.802	-3.046	-3.257	-3.388
4181	41.80	-3.423	-3.401	-3.397	-3.491	-3.716	-4.031	-4.338	-4.534	-4.576	-4.524
4191	41.90	-4.524	-4.740	-5.247	-5.954	-6.597	-6.812	-6.278	-4.866	-2.716	-0.214

Table 7-46-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1238 1315-GR-1-1 U-D (U-D) ONENUMA BRIDGE MAX. ACC. = 15.962 (GAL) T= 1.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	6.073	6.455	5.361	2.966	-0.103	-3.001	-4.987	-5.702	-5.272	-4.219
11	0.10	-3.206	-2.762	-3.085	-4.011	-5.130	-5.988	-6.265	-5.862	-4.878	-3.521
21	0.20	-2.009	-0.525	0.781	1.757	2.232	2.049	1.130	-0.455	-2.472	-4.572
31	0.30	-6.399	-7.697	-8.375	-8.484	-8.138	-7.417	-6.310	-4.740	-2.637	-0.039
41	0.40	2.658	5.723	8.189	9.964	10.919	11.092	10.632	9.710	8.449	6.918
51	0.50	5.174	3.321	1.533	0.022	-1.044	-1.630	-1.854	-1.944	-2.118	-2.460
61	0.60	-2.869	-3.094	-2.877	-2.108	-0.933	0.269	1.027	0.994	0.127	-1.255
71	0.70	-2.574	-3.213	-2.776	-1.253	0.966	3.250	4.987	5.835	5.852	5.446
81	0.80	5.177	5.474	6.408	7.617	8.414	8.063	6.099	2.565	-1.931	-6.396
91	0.90	-9.794	-11.426	-11.209	-9.705	-7.902	-6.798	-6.971	-8.315	-10.058	-11.077
101	1.00	-10.390	-7.610	-3.166	1.825	5.993	8.275	8.362	6.835	4.909	3.912
111	1.10	4.708	7.321	10.930	14.225	15.962	15.476	12.922	9.150	5.301	2.307
121	1.20	0.526	-0.330	-0.975	-2.155	-4.278	-7.224	-10.411	-13.056	-14.491	-14.394
131	1.30	-12.862	-10.310	-7.302	-4.379	-1.965	-0.345	0.329	0.047	-1.032	-2.548
141	1.40	-3.975	-4.746	-4.456	-3.053	-0.927	1.188	2.476	2.381	0.879	-1.460
151	1.50	-3.651	-4.671	-3.868	-1.225	2.623	6.664	9.805	11.459	11.542	10.519
161	1.60	9.123	8.006	7.465	7.355	7.208	6.488	4.865	2.376	-0.576	-3.376
171	1.70	-5.424	-6.348	-6.100	-4.934	-3.273	-1.539	-0.005	1.264	2.379	3.521
181	1.80	4.806	6.179	7.380	8.006	7.646	6.044	3.237	-0.409	-4.279	-7.685
191	1.90	-10.087	-11.255	-11.318	-10.666	-9.739	-8.814	-7.868	-6.615	-4.681	-1.864
201	2.00	1.669	5.342	8.329	9.860	9.537	7.530	4.532	1.513	-0.657	-1.517
211	2.10	-1.164	-0.129	0.868	1.283	0.968	0.102	-0.775	-1.215	-0.974	-0.101
221	2.20	1.155	2.520	3.848	5.154	6.507	7.868	8.969	9.350	8.538	6.321
231	2.30	2.934	-0.929	-4.342	-6.516	-7.144	-6.545	-5.523	-4.995	-5.542	-7.125
241	2.40	-9.089	-10.480	-10.512	-8.957	-6.263	-3.329	-1.051	0.138	0.475	0.720
251	2.50	1.706	3.815	6.664	9.182	10.070	8.447	4.353	-1.139	-6.300	-9.448
261	2.60	-9.663	-7.168	-3.203	0.563	2.797	3.084	2.044	0.940	0.975	2.634
271	2.70	5.398	7.975	8.930	7.415	3.612	-1.308	-5.705	-8.212	-8.349	-6.694
281	2.80	-4.564	-3.346	-3.819	-5.789	-8.199	-9.653	-9.085	-6.260	-1.875	2.765
291	2.90	6.326	7.989	7.739	6.262	4.562	3.484	3.372	3.997	4.752	4.981
301	3.00	4.270	2.588	0.234	-2.332	-4.674	-6.482	-7.584	-7.887	-7.342	-5.953
311	3.10	-3.847	-1.327	1.120	2.937	3.663	3.114	1.476	-0.737	-2.842	-4.215
321	3.20	-4.473	-3.559	-1.710	0.673	3.165	5.421	7.211	8.402	8.923	8.746
331	3.30	7.907	6.526	4.813	3.028	1.403	0.062	-1.022	-1.993	-3.017	-4.160
341	3.40	-5.311	-6.186	-6.429	-5.778	-4.208	-1.996	0.338	2.204	3.154	3.044
351	3.50	2.089	0.755	-0.429	-1.102	-1.202	-0.976	-0.837	-1.151	-2.043	-3.315
361	3.60	-4.522	-5.164	-4.918	-3.794	-2.143	-0.503	0.633	1.035	0.832	0.433
371	3.70	0.320	0.814	1.917	3.318	4.554	5.235	5.238	4.747	4.141	3.778
381	3.80	3.789	4.005	4.041	3.518	2.287	0.557	-1.167	-2.307	-2.480	-1.737
391	3.90	-0.499	0.556	0.828	0.075	-1.472	-3.197	-4.377	-4.498	-3.484	-1.725
401	4.00	0.097	1.299	1.478	0.657	-0.757	-2.172	-3.059	-3.148	-2.487	-1.365
411	4.10	-0.144	0.905	1.685	2.261	2.762	3.273	3.764	4.098	4.105	3.680
421	4.20	2.855	1.801	0.774	0.014	-0.339	-0.291	0.028	0.426	0.730	0.839
431	4.30	0.740	0.479	0.107	-0.353	-0.913	-1.586	-2.339	-3.054	-3.530	-3.541
441	4.40	-2.923	-1.667	0.030	1.795	3.176	3.788	3.460	2.309	0.721	-0.771
451	4.50	-1.671	-1.708	-0.937	0.267	1.341	1.749	1.190	-0.273	-2.215	-3.992
461	4.60	-4.977	-4.786	-3.431	-1.319	0.892	2.524	3.120	2.586	1.190	-0.560
471	4.70	-2.127	-3.134	-3.464	-3.254	-2.773	-2.290	-1.957	-1.787	-1.697	-1.595
481	4.80	-1.438	-1.250	-1.075	-0.917	-0.705	-0.313	0.370	1.359	2.545	3.727
491	4.90	4.706	5.382	5.799	6.098	6.397	6.664	6.658	5.990	4.305	1.491

Table 7-46-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1238 1315-GR-1-1 U-D (U-D) ONENUMA BRIDGE MAX. ACC. = 15.962 (GAL) T= 1.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-2.168	-6.004	-9.144	-10.810	-10.609	-8.691	-5.704	-2.565	-0.123	1.124
511	5.10	1.176	0.476	-0.298	-0.505	0.226	1.887	4.118	6.350	8.001	8.655
521	5.20	8.183	6.772	4.872	3.054	1.832	1.484	1.940	2.777	3.356	3.053
531	5.30	1.517	-1.147	-4.372	-7.306	-9.125	-9.352	-8.048	-5.788	-3.424	-1.738
541	5.40	-1.134	-1.500	-2.302	-2.850	-2.611	-1.433	0.426	2.438	4.052	4.909
551	5.50	4.937	4.302	3.265	2.036	0.710	-0.697	-2.143	-3.472	-4.407	-4.640
561	5.60	-3.978	-2.472	-0.449	1.572	3.053	3.627	3.218	2.043	0.513	-0.924
571	5.70	-1.936	-2.382	-2.312	-1.908	-1.397	-0.985	-0.818	-0.970	-1.439	-2.149
581	5.80	-2.948	-3.625	-3.948	-3.730	-2.890	-1.500	0.226	1.992	3.508	4.586
591	5.90	5.188	5.423	5.478	5.537	5.695	5.919	6.069	5.947	5.376	4.265
601	6.00	2.629	0.590	-1.662	-3.904	-5.916	-7.493	-8.455	-8.651	-7.993	-6.488
611	6.10	-4.275	-1.636	1.032	3.301	4.814	5.390	5.074	4.115	2.875	1.698
621	6.20	0.789	0.157	-0.354	-0.968	-1.854	-3.034	-4.358	-5.566	-6.394	-6.677
631	6.30	-6.408	-5.717	-4.803	-3.841	-2.914	-2.008	-1.043	0.062	1.334	2.729
641	6.40	4.151	5.478	6.600	7.424	7.883	7.921	7.510	6.666	5.469	4.063
651	6.50	2.626	1.316	0.216	-0.683	-1.463	-2.210	-2.951	-3.613	-4.042	-4.075
661	6.60	-3.632	-2.775	-1.708	-0.706	-0.018	0.224	0.041	-0.427	-1.006	-1.562
671	6.70	-2.056	-2.520	-3.010	-3.540	-4.059	-4.467	-4.672	-4.650	-4.460	-4.225
681	6.80	-4.058	-3.999	-3.972	-3.808	-3.307	-2.327	-0.853	0.983	2.933	4.706
691	6.90	6.052	6.838	7.081	6.939	6.663	6.519	6.697	7.241	8.016	8.729
701	7.00	9.015	8.557	7.207	5.054	2.415	-0.267	-2.566	-4.210	-5.152	-5.545
711	7.10	-5.628	-5.600	-5.519	-5.295	-4.764	-3.819	-2.505	-1.051	0.199	0.915
721	7.20	0.910	0.214	-0.949	-2.252	-3.389	-4.162	-4.506	-4.449	-4.041	-3.304
731	7.30	-2.225	-0.794	0.936	2.816	4.620	6.103	7.079	7.483	7.374	6.896
741	7.40	6.206	5.418	4.575	3.668	2.678	1.624	0.574	-0.370	-1.107	-1.581
751	7.50	-1.797	-1.811	-1.706	-1.554	-1.396	-1.245	-1.092	-0.932	-0.770	-0.627
761	7.60	-0.524	-0.471	-0.458	-0.455	-0.426	-0.346	-0.225	-0.115	-0.101	-0.280
771	7.70	-0.711	-1.380	-2.168	-2.863	-3.206	-2.974	-2.069	-0.570	1.266	3.074
781	7.80	4.497	5.295	5.423	5.025	4.359	3.682	3.150	2.765	2.404	1.894
791	7.90	1.107	0.023	-1.263	-2.582	-3.760	-4.674	-5.274	-5.570	-5.601	-5.403
801	8.00	-5.004	-4.428	-3.704	-2.871	-1.969	-1.024	-0.053	0.920	1.842	2.613
811	8.10	3.110	3.236	2.985	2.474	1.916	1.536	1.444	1.573	1.672	1.416
821	8.20	0.582	-0.806	-2.431	-3.783	-4.380	-3.996	-2.806	-1.337	-0.264	-0.103
831	8.30	-0.975	-2.535	-4.119	-5.034	-4.873	-3.690	-1.965	-0.374	0.516	0.490
841	8.40	-0.254	-1.240	-1.968	-2.146	-1.805	-1.228	-0.769	-0.646	-0.844	-1.144
851	8.50	-1.282	-1.116	-0.717	-0.332	-0.235	-0.557	-1.193	-1.836	-2.123	-1.826
861	8.60	-0.970	0.171	1.199	1.781	1.799	1.388	0.862	0.548	0.640	1.123
871	8.70	1.815	2.471	2.911	3.097	3.127	3.166	3.354	3.747	4.303	4.918
881	8.80	5.468	5.842	5.943	5.684	4.989	3.827	2.257	0.463	-1.266	-2.610
891	8.90	-3.345	-3.438	-3.093	-2.677	-2.572	-2.998	-3.896	-4.924	-5.585	-5.429
901	9.00	-4.257	-2.217	0.228	2.465	3.956	4.429	3.958	2.912	1.793	1.040
911	9.10	0.877	1.249	1.878	2.393	2.478	1.991	0.994	-0.281	-1.529	-2.474
921	9.20	-2.948	-2.917	-2.460	-1.715	-0.830	0.074	0.908	1.602	2.089	2.306
931	9.30	2.219	1.858	1.332	0.823	0.523	0.562	0.925	1.437	1.805	1.723
941	9.40	1.008	-0.308	-1.961	-3.537	-4.622	-4.957	-4.531	-3.580	-2.473	-1.560
951	9.50	-1.034	-0.874	-0.883	-0.810	-0.471	0.158	0.950	1.696	2.216	2.440
961	9.60	2.432	2.349	2.358	2.557	2.937	3.398	3.792	3.982	3.878	3.441
971	9.70	2.681	1.640	0.397	-0.932	-2.195	-3.232	-3.925	-4.245	-4.281	-4.210
981	9.80	-4.227	-4.452	-4.857	-5.262	-5.403	-5.053	-4.134	-2.779	-1.293	-0.042
991	9.90	0.694	0.833	0.519	0.054	-0.231	-0.116	0.429	1.254	2.103	2.737

Table 7-46-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1238 1315-GR-1-1 U-D (U-D) ONENUMA BRIDGE MAX. ACC. = 15.962 (GAL) T= 1.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	3.023	2.974	2.715	2.405	2.162	2.016	1.912	1.755	1.468	1.034
1011	10.10	0.506	-0.009	-0.390	-0.534	-0.383	0.070	0.776	1.639	2.516	3.230
1021	10.20	3.601	3.486	2.826	1.684	0.244	-1.223	-2.437	-3.194	-3.436	-3.269
1031	10.30	-2.934	-2.710	-2.815	-3.319	-4.104	-4.904	-5.386	-5.265	-4.401	-2.848
1041	10.40	-0.844	1.263	3.114	4.436	5.105	5.156	4.754	4.119	3.465	2.935
1051	10.50	2.589	2.404	2.318	2.262	2.194	2.119	2.073	2.105	2.241	2.460
1061	10.60	2.685	2.795	2.661	2.192	1.382	0.328	-0.785	-1.731	-2.321	-2.475
1071	10.70	-2.263	-1.890	-1.636	-1.748	-2.344	-3.351	-4.510	-5.461	-5.855	-5.481
1081	10.80	-4.337	-2.629	-0.707	1.055	2.369	3.105	3.300	3.115	2.758	2.412
1091	10.90	2.196	2.157	2.289	2.555	2.899	3.243	3.480	3.479	3.111	2.303
1101	11.00	1.081	-0.400	-1.878	-3.046	-3.651	-3.572	-2.873	-1.785	-0.630	0.275
1111	11.10	0.718	0.649	0.172	-0.496	-1.110	-1.467	-1.453	-1.059	-0.365	0.488
1121	11.20	1.329	1.990	2.331	2.277	1.842	1.146	0.403	-0.126	-0.217	0.236
1131	11.30	1.156	2.282	3.233	3.628	3.219	1.985	0.153	-1.876	-3.656	-4.643
1141	11.40	-5.299	-5.110	-4.523	-3.830	-3.254	-2.884	-2.675	-2.514	-2.302	-2.018
1151	11.50	-1.719	-1.503	-1.435	-1.501	-1.602	-1.610	-1.440	-1.117	-0.784	-0.652
1161	11.60	-0.897	-1.570	-2.544	-3.545	-4.247	-4.392	-3.898	-2.885	-1.629	-0.457
1171	11.70	0.376	0.765	0.772	0.569	0.350	0.246	0.284	0.396	0.473	0.426
1181	11.80	0.237	-0.042	-0.315	-0.489	-0.510	-0.380	-0.144	0.145	0.454	0.785
1191	11.90	1.168	1.635	2.190	2.789	3.339	3.723	3.836	3.629	3.138	2.482
1201	12.00	1.833	1.358	1.153	1.197	1.350	1.405	1.175	0.591	-0.245	-1.075
1211	12.10	-1.585	-1.538	-0.910	0.073	0.991	1.404	1.044	-0.035	-1.448	-2.611
1221	12.20	-2.985	-2.315	-0.763	1.130	2.652	3.208	2.563	0.936	-1.098	-2.854
1231	12.30	-3.810	-3.798	-3.028	-1.945	-1.003	-0.466	-0.320	-0.335	-0.218	0.214
1241	12.40	0.943	1.774	2.444	2.766	2.709	2.404	2.055	1.831	1.789	1.864
1251	12.50	1.933	1.888	1.700	1.417	1.122	0.870	0.661	0.450	0.190	-0.121
1261	12.60	-0.433	-0.674	-0.813	-0.889	-1.005	-1.263	-1.678	-2.129	-2.376	-2.156
1271	12.70	-1.316	0.085	1.756	3.265	4.193	4.295	3.588	2.335	0.932	-0.241
1281	12.80	-0.948	-1.138	-0.921	-0.484	-0.016	0.339	0.488	0.382	0.011	-0.573
1291	12.90	-1.233	-1.749	-1.867	-1.397	-0.315	1.173	2.671	3.720	3.968	3.323
1301	13.00	1.998	0.435	-0.870	-1.559	-1.540	-0.990	-0.253	0.327	0.550	0.414
1311	13.10	0.075	-0.261	-0.444	-0.440	-0.307	-0.131	0.043	0.243	0.541	0.992
1321	13.20	1.575	2.180	2.646	2.828	2.661	2.184	1.510	0.775	0.078	-0.538
1331	13.30	-1.074	-1.545	-1.954	-2.293	-2.570	-2.836	-3.178	-3.679	-4.346	-5.058
1341	13.40	-5.571	-5.584	-4.870	-3.397	-1.383	0.743	2.489	3.478	3.596	3.029
1351	13.50	2.184	1.516	1.342	1.721	2.446	3.150	3.476	3.220	2.411	1.282
1361	13.60	0.165	-0.644	-0.985	-0.871	-0.445	0.086	0.544	0.821	0.893	0.795
1371	13.70	0.591	0.339	0.091	-0.114	-0.241	-0.266	-0.184	-0.017	0.183	0.348
1381	13.80	0.416	0.354	0.169	-0.107	-0.429	-0.774	-1.142	-1.557	-2.033	-2.553
1391	13.90	-3.049	-3.412	-3.527	-3.322	-2.800	-2.049	-1.222	-0.477	0.075	0.402
1401	14.00	0.568	0.675	0.821	1.038	1.280	1.437	1.389	1.063	0.476	-0.270
1411	14.10	-1.027	-1.659	-2.094	-2.340	-2.462	-2.534	-2.588	-2.596	-2.483	-2.176
1421	14.20	-1.653	-0.971	-0.250	0.378	0.821	1.069	1.187	1.268	1.374	1.493
1431	14.30	1.541	1.409	1.036	0.468	-0.141	-0.574	-0.643	-0.277	0.435	1.267
1441	14.40	1.940	2.227	2.035	1.430	0.596	-0.242	-0.909	-1.321	-1.493	-1.500
1451	14.50	-1.428	-1.337	-1.263	-1.224	-1.238	-1.329	-1.502	-1.719	-1.892	-1.902
1461	14.60	-1.656	-1.140	-0.451	0.221	0.668	0.761	0.524	0.146	-0.088	0.086
1471	14.70	0.784	1.900	3.130	4.083	4.426	4.029	3.013	1.706	0.516	-0.228
1481	14.80	-0.392	-0.068	0.479	0.937	1.071	0.806	0.232	-0.455	-1.048	-1.411
1491	14.90	-1.521	-1.446	-1.301	-1.181	-1.124	-1.112	-1.093	-1.020	-0.882	-0.702

Table 7-46-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1238 1315-GR-1-1 U-D (U-D) ONENUMA BRIDGE MAX. ACC. = 15.962 (GAL) T= 1.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.526	-0.393	-0.319	-0.290	-0.277	-0.248	-0.186	-0.081	0.073	0.288
1511	15.10	0.576	0.936	1.333	1.695	1.922	1.931	1.703	1.310	0.916	0.713
1521	15.20	0.844	1.322	1.991	2.568	2.735	2.277	1.182	-0.328	-1.855	-2.969
1531	15.30	-3.359	-2.950	-1.924	-0.640	0.511	1.248	1.495	1.372	1.117	0.960
1541	15.40	1.024	1.288	1.618	1.844	1.844	1.580	1.098	0.485	-0.183	-0.854
1551	15.50	-1.497	-2.068	-2.491	-2.668	-2.523	-2.057	-1.377	-0.677	-0.164	0.028
1561	15.60	-0.087	-0.350	-0.515	-0.371	0.159	0.966	1.791	2.333	2.383	1.910
1571	15.70	1.084	0.195	-0.664	-0.718	-0.573	-0.194	0.178	0.338	0.202	-0.168
1581	15.80	-0.602	-0.904	-0.929	-0.642	-0.118	0.492	1.011	1.298	1.276	0.946
1591	15.90	0.377	-0.315	-1.003	-1.574	-1.959	-2.146	-2.178	-2.130	-2.073	-2.038
1601	16.00	-1.998	-1.873	-1.567	-1.015	-0.227	0.700	1.604	2.309	2.684	2.684
1611	16.10	2.360	1.829	1.229	0.669	0.206	-0.162	-0.469	-0.758	-1.058	-1.373
1621	16.20	-1.686	-1.967	-2.173	-2.262	-2.191	-1.931	-1.483	-0.893	-0.253	0.312
1631	16.30	0.685	0.792	0.635	0.301	-0.075	-0.349	-0.430	-0.305	-0.044	0.233
1641	16.40	0.409	0.413	0.248	-0.014	-0.262	-0.388	-0.320	-0.038	0.419	0.978
1651	16.50	1.548	2.045	2.406	2.599	2.626	2.508	2.281	1.973	1.594	1.134
1661	16.60	0.570	-0.109	-0.887	-1.703	-2.460	-3.044	-3.365	-3.379	-3.106	-2.615
1671	16.70	-1.997	-1.325	-0.638	0.059	0.774	1.498	2.186	2.763	3.152	3.303
1681	16.80	3.226	2.984	2.649	2.360	2.081	1.795	1.422	0.889	0.179	-0.643
1691	16.90	-1.436	-2.031	-2.287	-2.149	-1.662	-0.959	-0.209	0.443	0.915	1.201
1701	17.00	1.350	1.425	1.460	1.446	1.334	1.069	0.625	0.035	-0.639	-1.179
1711	17.10	-1.555	-1.670	-1.532	-1.223	-0.871	-0.599	-0.480	-0.514	-0.627	-0.715
1721	17.20	-0.684	-0.500	-0.205	0.099	0.289	0.283	0.074	-0.259	-0.580	-0.755
1731	17.30	-0.708	-0.459	-0.114	0.173	0.276	0.152	-0.135	-0.435	-0.581	-0.457
1741	17.40	-0.058	0.501	1.028	1.328	1.284	0.898	0.295	-0.328	-0.781	-0.948
1751	17.50	-0.819	-0.486	-0.089	0.238	0.414	0.435	0.348	0.225	0.126	0.078
1761	17.60	0.085	0.138	0.236	0.392	0.620	0.917	1.249	1.550	1.739	1.752
1771	17.70	1.563	1.201	0.732	0.241	-0.208	-0.582	-0.884	-1.136	-1.357	-1.549
1781	17.80	-1.696	-1.784	-1.814	-1.812	-1.824	-1.888	-2.008	-2.136	-2.180	-2.040
1791	17.90	-1.653	-1.031	-0.277	0.443	0.955	1.138	0.975	0.565	0.091	-0.248
1801	18.00	-0.305	-0.047	0.442	0.986	1.392	1.519	1.339	0.946	0.521	0.265
1811	18.10	0.320	0.709	1.322	1.948	2.345	2.331	1.843	0.971	-0.074	-1.027
1821	18.20	-1.659	-1.850	-1.628	-1.155	-0.662	-0.366	-0.394	-0.736	-1.260	-1.758
1831	18.30	-2.033	-1.970	-1.579	-0.989	-0.397	0.003	0.095	-0.123	-0.539	-0.981
1841	18.40	-1.276	-1.320	-1.102	-0.700	-0.238	0.172	0.471	0.666	0.812	0.968
1851	18.50	1.166	1.386	1.572	1.663	1.629	1.490	1.301	1.124	0.987	0.868
1861	18.60	0.705	0.429	0.013	-0.504	-1.028	-1.447	-1.688	-1.751	-1.712	-1.675
1871	18.70	-1.706	-1.784	-1.789	-1.556	-0.953	0.028	1.238	2.407	3.231	3.499
1881	18.80	3.176	2.421	1.527	0.796	0.423	0.422	0.639	0.829	0.774	0.375
1891	18.90	-0.307	-1.091	-1.753	-2.118	-2.115	-1.783	-1.231	-0.581	0.077	0.695
1901	19.00	1.253	1.728	2.076	2.239	2.172	1.873	1.402	0.865	0.386	0.048
1911	19.10	-0.119	-0.156	-0.149	-0.189	-0.334	-0.591	-0.918	-1.247	-1.507	-1.648
1921	19.20	-1.653	-1.542	-1.363	-1.185	-1.086	-1.127	-1.336	-1.682	-2.072	-2.364
1931	19.30	-2.409	-2.105	-1.443	-0.527	0.447	1.254	1.712	1.748	1.417	0.883
1941	19.40	0.348	-0.016	-0.132	-0.028	0.188	0.380	0.445	0.342	0.097	-0.224
1951	19.50	-0.554	-0.852	-1.110	-1.341	-1.556	-1.745	-1.875	-1.903	-1.793	-1.542
1961	19.60	-1.178	-0.757	-0.342	0.018	0.308	0.539	0.747	0.972	1.236	1.534
1971	19.70	1.833	2.075	2.204	2.182	2.012	1.742	1.452	1.230	1.131	1.153
1981	19.80	1.228	1.239	1.072	0.664	0.043	-0.670	-1.298	-1.677	-1.726	-1.484
1991	19.90	-1.102	-0.783	-0.698	-0.905	-1.323	-1.759	-1.989	-1.855	-1.339	-0.576

Table 7-46-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1238 1315-GR-1-1 U-D (U-D) ONENUMA BRIDGE MAX. ACC. = 15.962 (GAL) T= 1.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.196	0.730	0.869	0.603	0.074	-0.492	-0.871	-0.933	-0.680	-0.238
2011	20.10	0.207	0.488	0.524	0.343	0.065	-0.152	-0.172	0.072	0.564	1.224
2021	20.20	1.941	2.611	3.162	3.559	3.800	3.896	3.863	3.722	3.500	3.234
2031	20.30	2.970	2.749	2.586	2.454	2.285	1.987	1.477	0.721	-0.237	-1.273
2041	20.40	-2.215	-2.899	-3.223	-3.187	-2.892	-2.503	-2.183	-2.035	-2.062	-2.175
2051	20.50	-2.244	-2.157	-1.870	-1.433	-0.957	-0.567	-0.342	-0.280	-0.299	-0.277
2061	20.60	-0.103	0.277	0.841	1.509	2.174	2.740	3.149	3.386	3.462	3.405
2071	20.70	3.245	3.015	2.748	2.481	2.239	2.023	1.795	1.493	1.050	0.441
2081	20.80	-0.293	-1.036	-1.631	-1.935	-1.874	-1.485	-0.900	-0.294	0.179	0.450
2091	20.90	0.551	0.582	0.654	0.820	1.043	1.214	1.203	0.927	0.398	-0.276

Table 7-47-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1239 1315-GR-1-1 HB. (HB.) ONENUMA BRIDGE MAX. ACC. = -47.391 (GAL) T= 2.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-6.256	-10.621	-14.762	-17.749	-18.936	-18.163	-15.818	-12.660	-9.530	-7.030
11	0.10	-5.298	-3.988	-2.450	-0.051	3.497	7.949	12.553	16.300	18.294	18.088
21	0.20	15.847	12.254	8.215	4.494	1.437	-1.074	-3.627	-5.950	-8.616	-10.936
31	0.30	-12.122	-11.442	-8.604	-3.977	1.485	6.574	10.226	12.237	12.671	12.356
41	0.40	12.128	12.484	13.357	14.196	14.284	13.156	10.887	8.124	5.829	4.862
51	0.50	5.577	7.622	10.017	11.490	10.936	7.834	2.482	-4.039	-10.151	-14.254
61	0.60	-15.236	-12.886	-8.047	-2.437	1.655	3.073	0.450	-5.431	-12.766	-19.162
71	0.70	-22.562	-22.096	-18.486	-13.763	-10.398	-10.174	-13.325	-18.355	-22.668	-23.739
81	0.80	-20.316	-13.053	-4.267	3.104	6.850	6.512	3.575	0.728	0.551	4.272
91	0.90	11.192	19.055	25.152	27.619	26.255	22.500	18.592	16.384	16.421	17.746
101	1.00	18.494	16.938	12.422	5.702	-1.440	-7.076	-10.008	-10.184	-8.483	-6.039
111	1.10	-3.546	-0.947	2.306	6.606	11.565	15.830	17.523	15.113	8.289	-1.668
121	1.20	-12.232	-20.607	-24.859	-24.673	-21.384	-17.248	-14.369	-13.669	-14.664	-15.743
131	1.30	-15.169	-11.897	-5.196	0.473	6.125	9.124	8.865	5.957	1.891	-1.635
141	1.40	-3.384	-2.972	-0.864	1.972	4.538	6.203	6.882	6.955	7.031	7.655
151	1.50	9.081	11.184	13.512	15.454	16.458	16.228	14.840	12.706	10.421	8.514
161	1.60	7.244	6.501	5.902	5.025	3.668	1.988	0.410	-0.653	-1.157	-1.629
171	1.70	-3.073	-6.554	-12.621	-20.849	-29.749	-37.159	-40.993	-40.043	-34.471	-25.768
181	1.80	-16.179	-7.848	-2.072	1.022	2.261	2.811	3.508	4.468	5.157	4.854
191	1.90	3.229	0.703	-1.631	-2.487	-1.045	2.574	7.268	11.412	13.596	13.299
201	2.00	11.169	8.760	7.826	9.519	13.839	19.596	24.912	27.997	27.877	24.719
211	2.10	19.636	14.094	9.218	5.341	2.011	-1.559	-5.855	-10.554	-14.471	-15.987
221	2.20	-13.825	-7.783	0.923	9.913	16.439	18.584	15.051	7.386	-2.466	-12.058
231	2.30	-19.588	-24.477	-27.322	-29.295	-31.310	-33.399	-34.621	-33.560	-29.153	-21.419
241	2.40	-11.699	-2.237	4.703	7.796	7.194	4.403	1.526	0.254	1.087	3.167
251	2.50	4.805	4.431	1.501	-3.099	-7.349	-8.966	-6.419	0.371	9.979	20.071
261	2.60	28.352	33.412	35.115	34.373	32.499	30.463	28.431	25.793	21.595	15.165
271	2.70	6.581	-3.214	-12.684	-20.206	-24.558	-25.209	-22.317	-16.542	-8.801	-0.110
281	2.80	8.458	15.744	20.536	21.726	18.581	11.040	-0.118	-13.331	-26.546	-37.659
291	2.90	-44.951	-47.391	-44.742	-37.499	-26.728	-13.895	-0.702	11.083	19.845	24.358
301	3.00	24.262	19.846	12.417	3.818	-4.002	-9.504	-11.925	-11.367	-8.593	-4.629
311	3.10	-0.380	3.602	7.106	10.070	12.361	13.682	13.674	12.168	9.424	6.204
321	3.20	3.582	2.538	3.519	6.182	9.456	11.935	12.430	10.442	6.337	1.149
331	3.30	-3.891	-7.875	-10.533	-12.221	-13.589	-15.126	-16.816	-18.088	-18.083	-16.106
341	3.40	-12.026	-6.429	-0.430	4.762	8.317	10.077	10.521	10.435	10.447	10.689
351	3.50	10.711	9.747	7.189	3.038	-1.890	-6.138	-8.124	-6.792	-2.141	4.627
361	3.60	11.430	16.003	16.735	13.299	6.828	-0.466	-6.095	-8.234	-6.413	-1.690
371	3.70	3.779	7.607	8.117	4.982	-0.718	-7.025	-11.987	-14.480	-14.612	-13.520
381	3.80	-12.681	-13.082	-14.659	-16.303	-16.430	-13.840	-8.441	-1.436	5.118	9.214
391	3.90	9.809	7.322	3.448	0.377	-0.207	2.126	6.413	10.825	13.562	13.684
401	4.00	11.455	8.066	4.910	2.823	1.694	0.644	-1.323	-4.589	-8.510	-11.603
411	4.10	-12.235	-9.508	-3.848	3.005	8.662	11.093	9.514	4.726	-1.266	-6.055
421	4.20	-8.043	-6.890	-5.635	-0.086	2.067	2.013	0.103	-2.433	-4.153	-4.121
431	4.30	-2.310	0.446	2.918	4.088	3.619	1.966	0.117	-0.878	-0.369	1.654
441	4.40	4.616	7.636	9.892	10.892	10.578	9.255	7.411	5.537	4.002	3.001
451	4.50	2.552	2.528	2.690	2.754	2.474	1.751	0.709	-0.304	-0.827	-0.499
461	4.60	0.727	2.448	3.867	4.038	2.236	-1.704	-7.219	-13.121	-17.961	-20.497
471	4.70	-20.115	-17.021	-12.142	-6.784	-2.191	0.819	2.024	1.737	0.577	-0.799
481	4.80	-1.905	-2.501	-2.563	-2.182	-1.481	-0.565	0.475	1.562	2.631	3.654
491	4.90	4.645	5.641	6.636	7.511	8.005	7.784	6.596	4.455	1.765	-0.720

Table 7-47-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1239 1315-GR-1-1 HB. (HB.) ONENUMA BRIDGE MAX. ACC. = -47.391 (GAL) T= 2.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-2.111	-1.726	0.592	4.323	8.381	11.468	12.547	11.229	7.921	3.668
511	5.10	-0.246	-2.765	-3.403	-2.337	-0.236	2.069	3.902	4.931	5.151	4.733
521	5.20	3.845	2.540	0.896	-1.057	-3.023	-4.538	-5.108	-4.466	-2.802	-0.843
531	5.30	0.316	-0.423	-3.702	-9.364	-16.366	-23.010	-27.437	-28.207	-24.768	-17.639
541	5.40	-8.254	1.469	9.678	15.069	17.139	16.168	12.969	8.549	3.763	-0.760
551	5.50	-4.692	-7.843	-10.043	-11.084	-10.735	-9.127	-6.374	-3.084	0.023	2.306
561	5.60	3.455	3.622	3.367	3.407	4.290	6.125	8.499	10.639	11.740	11.325
571	5.70	9.465	6.771	4.142	2.401	1.973	2.738	4.122	5.371	5.862	5.334
581	5.80	3.934	2.095	0.326	-0.976	-1.619	-1.593	-0.980	0.121	1.602	3.303
591	5.90	4.940	6.099	6.311	5.197	2.626	-1.196	-5.752	-10.355	-14.327	-17.146
601	6.00	-18.513	-18.326	-16.628	-13.575	-9.461	-4.778	-0.244	3.283	5.016	4.521
611	6.10	1.946	-1.936	-5.935	-8.855	-9.958	-9.276	-7.606	-6.172	-6.072	-7.743
621	6.20	-10.689	-13.611	-14.888	-13.233	-8.234	-0.554	8.288	16.462	22.456	25.548
631	6.30	25.926	24.451	22.209	20.045	18.291	16.773	15.037	12.674	9.565	5.958
641	6.40	2.362	-0.666	-2.726	-3.691	-3.703	-3.078	-2.188	-1.351	-0.782	-0.566
651	6.50	-0.663	-0.933	-1.195	-1.312	-1.309	-1.447	-2.205	-4.123	-7.547	-12.351
661	6.60	-17.793	-22.608	-25.364	-24.968	-21.123	-14.531	-6.712	0.504	5.628	8.022
671	6.70	8.046	6.786	5.488	4.976	5.312	5.881	5.802	4.488	2.032	-0.765
681	6.80	-2.751	-2.980	-1.179	2.113	5.813	8.826	10.569	11.217	11.521	12.315
691	6.90	13.945	15.952	17.184	16.319	12.554	6.117	-1.661	-8.792	-13.413	-14.548
701	7.00	-12.520	-8.804	-5.397	-3.971	-5.189	-8.459	-12.226	-14.647	-14.332	-10.864
711	7.10	-4.887	2.209	8.832	13.701	16.148	16.123	13.987	10.252	5.411	-0.094
721	7.20	-5.792	-11.103	-15.355	-17.916	-18.397	-16.802	-13.559	-9.369	-4.975	-0.926
731	7.30	2.545	5.468	7.979	10.128	11.768	12.596	12.299	10.753	8.144	4.964
741	7.40	1.866	-0.540	-1.888	-2.136	-1.536	-0.504	0.549	1.345	1.800	2.006
751	7.50	2.167	2.506	3.176	4.196	5.409	6.494	7.039	6.672	5.209	2.778
761	7.60	-0.173	-2.985	-5.016	-5.891	-5.651	-4.726	-3.712	-3.049	-2.761	-2.397
771	7.70	-1.251	1.236	5.062	9.463	13.073	14.405	12.483	7.339	0.125	-7.233
781	7.80	-12.732	-15.040	-13.988	-10.572	-6.497	-3.434	-2.335	-3.105	-4.734	-5.834
791	7.90	-5.308	-2.852	0.914	4.722	7.198	7.417	5.241	1.320	-3.211	-7.177
801	8.00	-9.770	-10.754	-10.435	-9.436	-8.394	-7.716	-7.452	-7.328	-6.890	-5.708
811	8.10	-3.564	-0.571	2.818	5.912	7.976	8.463	7.213	4.541	1.176	-1.950
821	8.20	-3.983	-4.420	-3.247	-0.906	1.895	4.456	6.314	7.356	7.756	7.810
831	8.30	7.740	7.570	7.134	6.197	4.613	2.641	-0.040	-2.443	-4.416	-5.781
841	8.40	-6.561	-6.916	-6.997	-6.828	-6.269	-5.095	-3.162	-0.568	2.269	4.688
851	8.50	5.995	5.739	3.937	1.135	-1.726	-3.622	-3.812	-2.124	0.951	4.420
861	8.60	7.129	8.185	7.268	4.751	1.545	-1.248	-2.739	-2.569	-1.007	1.192
871	8.70	3.110	4.027	3.686	2.359	0.704	-0.518	-0.751	0.159	1.920	3.925
881	8.80	5.486	6.081	5.517	3.979	1.946	0.026	-1.236	-1.515	-0.789	0.666
891	8.90	2.369	3.776	4.438	4.128	2.895	1.033	-1.029	-2.873	-4.227	-5.035
901	9.00	-5.444	-5.713	-6.092	-6.726	-7.621	-8.676	-9.761	-10.787	-11.727	-12.588
911	9.10	-13.340	-13.867	-13.963	-13.395	-12.009	-9.818	-7.042	-4.050	-1.256	1.016
921	9.20	2.609	3.544	3.961	4.025	3.867	3.572	3.221	2.959	3.007	3.624
931	9.30	5.002	7.143	9.797	12.487	14.664	15.790	15.706	14.503	12.577	10.453
941	9.40	8.604	7.307	6.586	6.270	6.104	5.871	5.465	4.902	4.275	3.700
951	9.50	3.274	3.057	3.075	3.303	3.641	3.876	3.687	2.702	0.624	-2.610
961	9.60	-6.730	-11.127	-15.002	-17.608	-18.506	-17.714	-15.677	-13.074	-10.521	-8.342
971	9.70	-6.485	-4.644	-2.517	-0.056	2.428	4.366	5.210	4.739	3.229	1.382
981	9.80	0.024	-0.287	0.445	1.629	2.348	1.796	-0.307	-3.535	-6.901	-9.259
991	9.90	-9.779	-8.263	-5.173	-1.367	2.302	5.306	7.541	9.159	10.274	10.730

Table 7-47-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1239 1315-GR-1-1 HB. (HB.) ONENUMA BRIDGE MAX. ACC. = -47.391 (GAL) T= 2.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	10.088	7.867	3.919	-1.279	-6.606	-10.603	-12.000	-10.236	-5.724	0.264
1011	10.10	6.050	10.144	11.728	10.839	8.200	4.841	1.683	-0.724	-2.218	-2.878
1021	10.20	-2.826	-2.114	-0.766	1.100	3.143	4.803	5.448	4.621	2.255	-1.240
1031	10.30	-5.077	-8.337	-10.245	-10.380	-8.743	-5.705	-1.868	2.070	5.424	7.610
1041	10.40	8.219	7.114	4.503	0.954	-2.711	-5.635	-7.197	-7.231	-6.082	-4.461
1051	10.50	-3.147	-2.666	-3.088	-4.029	-4.858	-5.000	-4.182	-2.524	-0.450	1.533
1061	10.60	3.032	3.875	4.066	3.666	2.692	1.120	-1.002	-3.398	-5.483	-6.449
1071	10.70	-5.524	-2.308	2.970	9.404	15.644	20.312	22.462	21.882	19.117	15.222
1081	10.80	11.344	8.327	6.487	5.629	5.268	4.921	4.331	3.526	2.712	2.078
1091	10.90	1.633	1.171	0.375	-0.981	-2.853	-4.872	-6.456	-7.066	-6.481	-4.969
1101	11.00	-3.253	-2.271	-2.796	-5.094	-8.755	-12.796	-16.002	-17.388	-16.584	-13.978
1111	11.10	-10.560	-7.530	-5.831	-5.803	-7.111	-8.950	-10.418	-10.889	-10.203	-8.620
1121	11.20	-6.593	-4.487	-2.425	-0.519	1.947	4.304	6.416	7.793	8.057	7.227
1131	11.30	5.826	4.734	4.822	6.518	9.547	12.977	15.571	16.310	14.817	11.498
1141	11.40	7.321	3.357	0.316	-1.697	-3.084	-4.392	-5.900	-7.387	-8.228	-7.766
1151	11.50	-5.767	-2.698	0.355	2.106	1.643	-1.118	-5.343	-9.608	-12.491	-13.167
1161	11.60	-11.715	-9.015	-6.283	-4.494	-3.959	-4.250	-4.491	-3.846	-1.955	0.877
1171	11.70	3.837	5.991	6.721	5.990	4.336	2.616	1.631	1.807	3.066	4.914
1181	11.80	6.672	7.758	7.876	7.089	5.756	4.393	3.503	3.435	4.277	5.813
1191	11.90	7.554	8.849	9.056	7.760	4.936	1.016	-3.209	-6.827	-9.096	-9.692
1201	12.00	-8.785	-6.935	-4.837	-3.038	-1.767	-0.920	-0.231	0.508	1.269	1.771
1211	12.10	1.615	0.513	-1.522	-4.124	-6.693	-8.624	-9.535	-9.383	-8.427	-7.053
1221	12.20	-5.574	-4.099	-2.541	-0.742	1.362	3.626	5.696	7.130	7.564	6.859
1231	12.30	5.154	2.822	0.356	-1.740	-3.038	-3.226	-2.134	0.232	3.630	7.552
1241	12.40	11.256	13.899	14.772	13.542	10.419	6.148	1.804	-1.546	-3.187	-2.983
1251	12.50	-1.386	0.766	2.562	3.333	2.831	1.247	-0.932	-3.117	-4.805	-5.687
1261	12.60	-5.677	-4.889	-3.607	-2.235	-1.244	-1.077	-2.021	-4.071	-6.863	-9.713
1271	12.70	-11.793	-12.381	-11.112	-8.114	-3.966	0.489	4.418	7.222	8.650	8.753
1281	12.80	7.752	5.903	3.427	0.547	-2.431	-5.064	-6.820	-7.234	-6.105	-3.640
1291	12.90	-0.444	2.661	4.935	6.000	5.974	5.404	4.997	5.288	6.383	7.888
1301	13.00	9.055	9.090	7.477	4.187	-0.289	-5.098	-9.294	-12.100	-13.095	-12.258
1311	13.10	-9.915	-6.601	-2.927	0.542	3.365	5.271	6.186	6.223	5.646	4.790
1321	13.20	3.974	3.405	3.138	3.080	3.061	2.924	2.605	2.159	1.733	1.503
1331	13.30	1.597	2.061	2.858	3.894	5.058	6.229	7.266	7.991	8.182	7.621
1341	13.40	6.169	3.854	0.920	-2.190	-4.940	-6.841	-7.599	-7.190	-5.851	-3.980
1351	13.50	-2.009	-0.280	1.007	1.789	2.077	1.906	1.296	0.277	-1.078	-2.628
1361	13.60	-4.168	-5.491	-6.452	-7.021	-7.284	-7.383	-7.627	-7.429	-7.282	-6.819
1371	13.70	-5.906	-4.529	-2.833	-1.081	0.442	1.528	2.111	2.252	2.070	1.654
1381	13.80	1.021	0.131	-1.032	-2.372	-3.644	-4.505	-4.638	-3.899	-2.411	-0.543
1391	13.90	1.215	2.441	2.944	2.819	2.377	1.974	1.834	1.939	2.056	1.866
1401	14.00	1.145	-0.108	-1.644	-3.058	-3.943	-4.036	-3.288	-1.835	0.087	2.234
1411	14.10	4.396	6.382	7.981	8.947	9.052	8.191	6.490	4.344	2.324	0.988
1421	14.20	0.650	1.226	2.245	3.033	3.004	1.923	0.024	-2.094	-3.731	-4.407
1431	14.30	-4.075	-3.125	-2.183	-1.797	-2.172	-3.085	-4.017	-4.446	-4.132	-3.261
1441	14.40	-2.362	-2.035	-2.636	-4.064	-5.788	-7.082	-7.369	-6.496	-4.801	-2.935
1451	14.50	-1.531	-0.887	-0.830	-0.833	-0.318	0.995	2.894	4.727	5.704	5.280
1461	14.60	3.443	0.757	-1.862	-3.545	-3.829	-2.823	-1.101	0.808	1.771	2.270
1471	14.70	2.377	2.529	3.036	3.880	4.722	5.105	4.727	3.634	2.210	0.983
1481	14.80	0.330	0.276	0.487	0.472	-0.106	-1.193	-2.321	-2.822	-2.184	-0.362
1491	14.90	2.131	4.402	5.572	5.171	3.363	0.873	-1.344	-2.531	-2.444	-1.422

Table 7-47-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1239 1315-GR-1-1 HB. (HB.) ONENUMA BRIDGE MAX. ACC. = -47.391 (GAL) T= 2.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.174	0.582	0.454	-0.474	-1.732	-2.736	-3.073	-2.678	-1.812	-0.885
1511	15.10	-0.230	0.047	0.074	0.092	0.286	0.665	1.061	1.223	0.950	0.189
1521	15.20	-0.958	-2.304	-3.677	-4.983	-6.200	-7.313	-8.239	-8.796	-8.741	-7.861
1531	15.30	-6.081	-3.524	-0.497	2.578	5.284	7.303	8.481	8.831	8.513	7.770
1541	15.40	6.869	6.033	5.382	4.901	4.450	3.827	2.869	1.562	0.090	-1.200
1551	15.50	-1.920	-1.812	-0.873	0.617	2.210	3.479	4.209	4.472	4.564	4.796
1561	15.60	5.283	5.820	5.936	5.109	3.054	-0.083	-3.707	-6.973	-9.112	-9.730
1571	15.70	-8.947	-7.317	-5.565	-4.278	-3.700	-3.705	-3.947	-4.095	-4.004	-3.752
1581	15.80	-3.527	-3.446	-3.419	-3.147	-2.262	-0.544	1.910	4.660	7.057	8.501
1591	15.90	8.689	7.743	6.160	4.609	3.653	3.532	4.084	4.837	5.220	4.807
1601	16.00	3.493	1.530	-0.563	-2.198	-2.928	-2.607	-1.434	0.113	1.447	2.067
1611	16.10	1.724	0.492	-1.270	-3.055	-4.390	-4.998	-4.873	-4.248	-3.468	-2.842
1621	16.20	-2.513	-2.425	-2.382	-2.161	-1.628	-0.801	0.180	1.139	1.962	2.663
1631	16.30	3.365	4.218	5.295	6.511	7.627	8.320	8.302	7.434	5.784	3.608
1641	16.40	1.267	-0.889	-2.616	-3.823	-4.556	-4.938	-5.092	-5.078	-4.874	-4.404
1651	16.50	-3.600	-2.482	-1.204	-0.056	0.605	0.475	-0.569	-2.384	-4.559	-6.528
1661	16.60	-7.759	-7.944	-7.120	-5.664	-4.136	-3.049	-2.656	-2.848	-3.208	-3.215
1671	16.70	-2.483	-0.946	1.115	3.198	4.808	5.671	5.824	5.562	5.249	5.121
1681	16.80	5.159	5.119	4.679	3.648	2.095	0.356	-1.104	-1.899	-1.900	-1.291
1691	16.90	-0.474	0.120	0.224	-0.160	-0.800	-1.386	-1.710	-1.787	-1.848	-2.214
1701	17.00	-3.111	-4.517	-6.130	-7.460	-8.019	-7.521	-6.004	-3.820	-1.509	0.401
1711	17.10	1.573	1.954	1.759	1.355	1.095	1.195	1.670	2.367	3.058	3.554
1721	17.20	3.783	3.809	3.781	3.853	4.108	4.522	4.988	5.376	5.612	5.721
1731	17.30	5.816	6.040	6.470	7.056	7.593	7.781	7.328	6.064	4.032	1.495
1741	17.40	-1.125	-3.370	-4.877	-5.482	-5.254	-4.455	-3.456	-2.623	-2.226	-2.377
1751	17.50	-3.032	-4.020	-5.109	-6.073	-6.745	-7.045	-6.981	-6.620	-6.054	-5.367
1761	17.60	-4.620	-3.854	-3.109	-2.433	-1.881	-1.495	-1.275	-1.156	-1.028	-0.778
1771	17.70	-0.353	0.197	0.720	1.027	0.987	0.620	0.118	-0.214	-0.099	0.560
1781	17.80	1.589	2.582	3.052	2.655	1.376	-0.419	-2.102	-3.029	-2.817	-1.521
1791	17.90	0.377	2.158	3.162	3.056	1.943	0.294	-1.285	-2.309	-2.588	-2.240
1801	18.00	-1.559	-0.818	-0.124	0.606	1.536	2.753	4.149	5.422	6.205	6.254
1811	18.10	5.587	4.505	3.462	2.857	2.844	3.269	3.768	3.866	3.377	2.312
1821	18.20	0.942	-0.365	-1.327	-1.853	-2.027	-1.992	-1.809	-1.391	-0.558	0.802
1831	18.30	2.575	4.351	5.522	5.519	4.088	1.460	-1.665	-4.158	-5.811	-5.652
1841	18.40	-4.084	-1.788	0.366	1.866	1.808	0.952	-0.432	-1.817	-2.862	-3.510
1851	18.50	-3.929	-4.347	-4.873	-5.428	-5.794	-5.766	-5.293	-4.535	-3.786	-3.312
1861	18.60	-3.182	-3.210	-3.026	-2.275	-0.823	1.116	3.021	4.260	4.346	3.156
1871	18.70	0.994	-1.506	-3.619	-4.771	-4.710	-3.532	-1.573	0.758	3.118	5.296
1881	18.80	7.183	8.700	9.742	10.179	9.926	9.021	7.871	6.218	5.018	4.300
1891	18.90	4.052	4.017	3.786	2.973	1.387	-0.865	-3.401	-5.693	-7.250	-7.792
1901	19.00	-7.335	-6.170	-4.751	-3.540	-2.863	-2.827	-3.336	-4.046	-4.668	-4.864
1911	19.10	-4.629	-3.321	-1.657	0.315	2.281	3.937	5.059	5.554	5.468	4.958
1921	19.20	4.236	3.494	2.866	2.398	2.080	1.874	1.760	1.742	1.841	2.055
1931	19.30	2.339	2.593	2.696	2.553	2.140	1.529	0.860	0.285	-0.091	-0.261
1941	19.40	-0.320	-0.418	-0.707	-1.276	-2.125	-3.175	-4.299	-5.365	-6.259	-6.886
1951	19.50	-7.158	-6.990	-6.314	-5.115	-3.479	-1.603	0.221	1.681	2.540	2.721
1961	19.60	2.337	1.656	1.011	0.680	0.799	1.330	2.099	2.869	3.429	3.651
1971	19.70	3.494	2.983	2.170	1.110	-0.129	-1.441	-2.672	-3.628	-4.128	-4.074
1981	19.80	-3.507	-2.611	-1.656	-0.900	-0.490	-0.401	-0.463	-0.444	-0.166	0.404
1991	19.90	1.133	1.794	2.172	2.175	1.886	1.519	1.307	1.371	1.640	1.862

Table 7-47-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1239 1315-GR-1-1 HB. (HB.) ONENUMA BRIDGE MAX. ACC. = -47.391 (GAL) T= 2.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	1.707	0.933	-0.486	-2.307	-4.093	-5.371	-5.819	-5.399	-4.370	-3.177
2011	20.10	-2.269	-1.916	-2.108	-2.585	-2.966	-2.928	-2.355	-1.379	-0.318	0.471
2021	20.20	0.748	0.477	-0.176	-0.936	-1.558	-1.926	-2.086	-2.187	-2.380	-2.716
2031	20.30	-3.105	-3.350	-3.262	-2.656	-1.611	-0.261	1.182	2.534	3.705	4.705
2041	20.40	5.593	6.403	7.092	7.536	7.587	7.156	6.262	5.069	3.813	2.723
2051	20.50	1.943	1.487	1.264	1.138	1.000	0.806	0.576	0.343	0.114	-0.156
2061	20.60	-0.538	-1.078	-1.739	-2.391	-2.839	-2.904	-2.504	-1.703	-0.702	0.224
2071	20.70	0.820	0.930	0.538	-0.241	-1.207	-2.130	-2.796	-3.042	-2.770	-1.973
2081	20.80	-0.757	0.656	1.955	2.808	2.971	2.387	1.230	-0.132	-1.266	-1.841
2091	20.90	-1.766	-1.236	-0.641	-0.391	-0.718	-1.553	-2.540	-3.181	-3.063	-2.046
2101	21.00	-0.362	1.565	3.115	3.897	3.805	3.053	2.060	1.258	0.918	1.068
2111	21.10	1.536	2.063	2.450	2.635	2.691	2.756	2.938	3.259	3.651	4.016
2121	21.20	4.284	4.450	4.549	4.610	4.607	4.452	4.043	3.335	2.389	1.371
2131	21.30	0.469	-0.210	-0.717	-1.263	-2.117	-3.454	-5.215	-7.073	-8.522	-9.066
2141	21.40	-8.434	-6.722	-4.375	-2.047	-0.358	0.314	-0.057	-1.183	-2.610	-3.902
2151	21.50	-4.772	-5.123	-4.993	-4.463	-3.597	-2.431	-1.025	0.479	1.851	2.827
2161	21.60	3.220	3.026	2.459	1.869	1.703	2.140	3.189	4.585	5.922	6.808
2171	21.70	7.006	6.493	5.429	4.050	2.578	1.155	-0.137	-1.230	-2.025	-2.399
2181	21.80	-2.255	-1.607	-0.619	0.418	1.185	1.468	1.257	0.753	0.278	0.123
2191	21.90	0.398	0.974	1.526	1.680	1.175	-0.014	-1.657	-3.356	-4.684	-5.326
2201	22.00	-5.158	-4.247	-2.795	-1.055	0.721	2.309	3.514	4.172	4.171	3.487
2211	22.10	2.218	0.581	-1.136	-2.662	-3.831	-4.623	-5.149	-5.573	-6.010	-6.462
2221	22.20	-6.811	-6.883	-6.545	-5.796	-4.784	-3.765	-2.996	-2.651	-2.663	-2.933
2231	22.30	-3.210	-3.294	-3.100	-2.670	-2.140	-1.648	-1.262	-0.950	-0.607	-0.128
2241	22.40	0.520	1.262	1.942	2.395	2.544	2.454	2.328	2.418	2.912	3.825
2251	22.50	4.953	5.933	6.373	6.016	4.860	3.186	1.470	0.212	-0.243	0.166
2261	22.60	1.210	2.472	3.524	4.083	4.097	3.722	3.203	2.736	2.372	2.015
2271	22.70	1.506	0.745	-0.215	-1.166	-1.838	-2.038	-1.767	-1.247	-0.840	-0.878
2281	22.80	-1.501	-2.574	-3.728	-4.512	-4.595	-3.910	-2.683	-1.338	-0.310	0.137
2291	22.90	0.000	-0.485	-0.976	-1.181	-0.988	-0.481	0.124	0.603	0.831	0.820
2301	23.00	0.690	0.574	0.548	0.591	0.624	0.575	0.447	0.335	0.374	0.661
2311	23.10	1.169	1.729	2.080	1.978	1.317	0.202	-1.071	-2.107	-2.564	-2.281
2321	23.20	-1.343	-0.050	1.195	2.026	2.238	1.836	1.011	0.049	-0.773	-1.276
2331	23.30	-1.411	-1.249	-0.924	-0.585	-0.341	-0.242	-0.275	-0.366	-0.391	-0.199
2341	23.40	0.360	1.387	2.872	4.664	6.459	7.867	8.514	8.171	6.850	4.828
2351	23.50	2.573	0.594	-0.731	-1.284	-1.226	-0.923	-0.777	-1.070	-1.855	-2.954
2361	23.60	-4.059	-4.866	-5.196	-5.040	-4.527	-3.837	-3.115	-2.436	-1.826	-1.315
2371	23.70	-0.976	-0.922	-1.238	-1.903	-2.737	-3.424	-3.617	-3.078	-1.785	0.038
2381	23.80	2.008	3.733	4.964	5.675	6.034	6.279	6.576	6.923	7.153	7.034
2391	23.90	6.400	5.255	3.782	2.272	0.998	0.108	-0.405	-0.659	-0.790	-0.875
2401	24.00	-0.913	-0.872	-0.771	-0.723	-0.929	-1.584	-2.774	-4.397	-6.172	-7.738
2411	24.10	-8.787	-9.184	-8.997	-8.434	-7.725	-7.011	-6.296	-5.495	-4.523	-3.390
2421	24.20	-2.228	-1.233	-0.556	-0.212	-0.046	0.197	0.752	1.703	2.938	4.193
2431	24.30	5.176	5.708	5.804	5.660	5.546	5.674	6.096	6.693	7.241	7.524
2441	24.40	7.436	7.013	6.388	5.713	5.077	4.469	3.807	3.000	2.006	0.863
2451	24.50	-0.334	-1.472	-2.478	-3.338	-4.089	-4.787	-5.476	-6.170	-6.847	-7.465
2461	24.60	-7.963	-8.271	-8.314	-8.035	-7.422	-6.549	-5.586	-4.767	-4.320	-4.366
2471	24.70	-4.851	-5.534	-6.068	-6.126	-5.538	-4.366	-2.870	-1.396	-0.215	0.587
2481	24.80	1.137	1.685	2.465	3.558	4.846	6.066	6.948	7.351	7.336	7.133
2491	24.90	7.014	7.152	7.527	7.935	8.099	7.816	7.071	6.056	5.078	4.415

Table 7-47-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1239 1315-GR-1-1 HB. (HB.) ONENUMA BRIDGE MAX. ACC. = -47.391 (GAL) T= 2.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	4.182	4.275	4.431	4.352	3.842	2.895	1.669	0.396	-0.740	-1.689
2511	25.10	-2.534	-3.414	-4.415	-5.488	-6.447	-7.047	-7.111	-6.629	-5.794	-4.925
2521	25.20	-4.335	-4.190	-4.423	-4.764	-4.858	-4.428	-3.410	-1.991	-0.540	0.541
2531	25.30	0.988	0.775	0.121	-0.615	-1.082	-1.076	-0.602	0.165	0.985	1.678
2541	25.40	2.198	2.633	3.125	3.769	4.531	5.248	5.694	5.686	5.178	4.289
2551	25.50	3.258	2.362	1.712	1.398	1.300	1.263	1.157	0.938	0.646	0.355
2561	25.60	0.108	-0.124	-0.428	-0.896	-1.554	-2.329	-3.057	-3.557	-3.709	-3.511
2571	25.70	-3.076	-2.584	-2.195	-1.993	-1.965	-2.037	-2.124	-2.178	-2.193	-2.172
2581	25.80	-2.087	-1.866	-1.413	-0.675	0.302	1.357	2.251	2.771	2.820	2.475
2591	25.90	1.955	1.524	1.363	1.485	1.731	1.858	1.663	1.095	0.283	-0.527
2601	26.00	-1.088	-1.277	-1.142	-0.868	-0.679	-0.718	-0.990	-1.376	-1.718	-1.914
2611	26.10	-1.975	-2.012	-2.159	-2.477	-2.902	-3.256	-3.336	-2.998	-2.252	-1.241
2621	26.20	-0.182	0.726	1.383	1.804	2.078	2.293	2.479	2.592	2.550	2.294
2631	26.30	1.842	1.286	0.758	0.369	0.162	0.107	0.140	0.210	0.316	0.501
2641	26.40	0.805	1.217	1.651	1.968	2.046	1.849	1.464	1.081	0.908	1.073
2651	26.50	1.554	2.175	2.676	2.824	2.517	1.826	0.967	0.210	-0.228	-0.263
2661	26.60	0.040	0.501	0.902	1.057	0.859	0.287	-0.605	-1.713	-2.900	-4.008
2671	26.70	-4.873	-5.346	-5.334	-4.834	-3.951	-2.888	-1.893	-1.194	-0.928	-1.105
2681	26.80	-1.613	-2.261	-2.841	-3.192	-3.241	-3.005	-2.573	-2.058	-1.558	-1.122
2691	26.90	-0.737	-0.341	0.144	0.773	1.549	2.400	3.203	3.820	4.152	4.179
2701	27.00	3.973	3.670	3.412	3.285	3.283	3.317	3.256	3.002	2.542	1.955
2711	27.10	1.374	0.917	0.626	0.444	0.247	-0.077	-0.564	-1.132	-1.617	-1.852
2721	27.20	-1.757	-1.400	-0.981	-0.768	-0.890	-1.433	-2.224	-2.982	-3.410	-3.326
2731	27.30	-2.731	-1.810	-0.848	-0.121	0.214	0.163	-0.130	-0.452	-0.622	-0.548
2741	27.40	-0.251	0.165	0.572	0.875	1.042	1.105	1.133	1.190	1.302	1.448
2751	27.50	1.567	1.588	1.463	1.193	0.839	0.505	0.300	0.294	0.481	0.769
2761	27.60	1.000	1.015	0.712	0.103	-0.678	-1.414	-1.883	-1.947	-1.605	-1.005
2771	27.70	-0.381	0.027	0.071	-0.257	-0.834	-1.459	-1.942	-2.171	-2.153	-1.986
2781	27.80	-1.811	-1.745	-1.828	-2.011	-2.178	-2.185	-1.915	-1.312	-0.399	0.720
2791	27.90	1.884	2.903	3.601	3.854	3.627	2.996	2.137	1.294	0.718	0.598
2801	28.00	1.006	1.870	2.995	4.114	4.964	5.357	5.229	4.666	3.781	2.855
2811	28.10	2.069	1.548	1.312	1.276	1.288	1.185	0.857	0.280	-0.467	-1.241
2821	28.20	-1.890	-2.309	-2.483	-2.479	-2.409	-2.367	-2.388	-2.431	-2.417	-2.288
2831	28.30	-2.065	-1.867	-1.869	-2.216	-2.941	-3.908	-4.835	-5.395	-5.338	-4.604
2841	28.40	-3.359	-1.936	-0.708	0.053	0.279	0.107	-0.199	-0.373	-0.269	0.098
2851	28.50	0.583	1.008	1.258	1.344	1.381	1.512	1.826	2.286	2.764	3.094
2861	28.60	3.177	3.040	2.835	2.769	2.994	3.517	4.181	4.720	4.866	4.468
2871	28.70	3.561	2.346	1.114	0.131	-0.461	-0.677	-0.657	-0.589	-0.627	-0.837
2881	28.80	-1.195	-1.625	-2.047	-2.413	-2.717	-2.976	-3.203	-3.386	-3.495	-3.497
2891	28.90	-3.380	-3.160	-2.882	-2.591	-2.323	-2.088	-1.878	-1.683	-1.496	-1.316
2901	29.00	-1.139	-0.940	-0.679	-0.311	0.185	0.779	1.383	1.870	2.118	2.057
2911	29.10	1.703	1.155	0.563	0.081	-0.183	-0.190	0.029	0.403	0.841	1.261
2921	29.20	1.590	1.769	1.751	1.510	1.059	0.457	-0.198	-0.791	-1.232	-1.479
2931	29.30	-1.547	-1.487	-1.343	-1.128	-0.811	-0.351	0.253	0.925	1.509	1.818
2941	29.40	1.715	1.183	0.359	-0.505	-1.140	-1.366	-1.169	-0.697	-0.188	0.143
2951	29.50	0.203	0.054	-0.134	-0.185	-0.015	0.318	0.643	0.969	0.588	0.134
2961	29.60	-0.428	-0.889	-1.101	-1.053	-0.864	-0.715	-0.739	-0.941	-1.185	-1.271
2971	29.70	-1.045	-0.499	0.205	0.792	1.003	0.720	0.029	-0.813	-1.489	-1.764
2981	29.80	-1.580	-1.071	-0.484	-0.053	0.111	0.066	-0.009	0.083	0.452	1.061
2991	29.90	1.745	2.298	2.566	2.516	2.237	1.874	1.546	1.286	1.035	0.702

Table 7-47-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1239 1315-GR-1-1 HB. (HB.) ONENUHA BRIDGE MAX. ACC. = -47.391 (GAL) T= 2.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	0.243	-0.278	-0.694	-0.795	-0.437	0.377	1.459	2.495	3.153	3.207
3011	30.10	2.622	1.562	0.319	-0.802	-1.588	-1.981	-2.060	-1.975	-1.865	-1.794
3021	30.20	-1.736	-1.608	-1.332	-0.886	-0.323	0.251	0.720	1.011	1.117	1.089
3031	30.30	1.011	0.951	0.939	0.984	0.994	1.005	1.008	1.050	1.198	1.504
3041	30.40	1.975	2.560	3.156	3.447	3.936	3.989	3.839	3.574	3.299	3.088
3051	30.50	2.947	2.805	2.540	2.027	1.193	0.060	-1.250	-2.552	-3.655	-4.430
3061	30.60	-4.853	-4.996	-4.992	-4.970	-4.999	-5.071	-5.125	-5.095	-4.970	-4.814
3071	30.70	-4.747	-4.884	-5.269	-5.824	-6.366	-6.660	-6.511	-5.844	-4.732	-3.370
3081	30.80	-1.996	-0.807	0.109	0.778	1.306	1.811	2.369	2.987	3.618	4.200
3091	30.90	4.690	5.078	5.374	5.579	5.675	5.623	5.397	5.021	4.581	4.206
3101	31.00	4.019	4.064	4.276	4.481	4.454	4.012	3.082	1.743	0.194	-1.317
3111	31.10	-2.588	-3.523	-4.144	-4.549	-4.846	-5.089	-5.248	-5.237	-4.965	-4.395
3121	31.20	-3.581	-2.656	-1.791	-1.735	-0.768	-0.685	-0.812	-1.045	-1.291	-1.493
3131	31.30	-1.630	-1.700	-1.699	-1.605	-1.383	-0.998	-0.436	0.277	1.080	1.884
3141	31.40	2.598	3.146	3.482	3.588	3.468	3.137	2.617	1.940	1.157	0.349
3151	31.50	-0.375	-0.891	-1.092	-0.918	-0.391	0.389	1.259	2.042	2.598	2.864
3161	31.60	2.869	2.707	2.494	2.309	2.165	2.004	1.733	1.276	0.616	-0.182
3171	31.70	-0.987	-1.656	-2.078	-2.221	-2.133	-1.923	-1.710	-1.587	-1.597	-1.734
3181	31.80	-1.964	-2.253	-2.577	-2.924	-3.278	-3.607	-3.849	-3.929	-3.769	-3.318
3191	31.90	-2.562	-1.540	-0.329	0.956	2.182	3.212	3.923	4.231	4.117	3.642
3201	32.00	2.948	2.236	1.716	1.550	1.806	2.439	3.303	4.201	4.942	5.394
3211	32.10	5.509	5.319	4.906	4.371	3.800	3.248	2.745	2.295	1.888	1.503
3221	32.20	1.114	0.687	0.198	-0.361	-0.976	-1.608	-2.205	-2.718	-3.119	-3.402
3231	32.30	-3.579	-3.670	-3.690	-3.651	-3.562	-3.438	-3.309	-3.206	-3.150	-3.136
3241	32.40	-3.127	-3.071	-2.924	-2.675	-2.358	-2.033	-1.759	-1.554	-1.379	-1.152
3251	32.50	-0.796	-0.287	0.312	0.859	1.181	1.154	0.768	0.147	-0.480	-0.858
3261	32.60	-0.799	-0.253	0.677	1.779	2.804	3.555	3.938	3.968	3.740	3.378
3271	32.70	2.979	2.598	2.239	1.879	1.487	1.046	0.556	0.034	-0.492	-0.981
3281	32.80	-1.388	-1.669	-1.785	-1.720	-1.482	-1.105	-0.640	-0.146	0.320	0.699
3291	32.90	0.927	0.933	0.648	0.028	-0.910	-2.068	-3.263	-4.263	-4.853	-4.900
3301	33.00	-4.400	-3.486	-2.378	-1.314	-0.468	0.091	0.408	0.594	0.769	1.008
3311	33.10	1.316	1.639	1.900	2.035	2.021	1.877	1.650	1.394	1.160	0.988
3321	33.20	0.912	0.955	1.127	1.408	1.740	2.028	2.164	2.055	1.656	0.989
3331	33.30	0.145	-0.748	-1.554	-2.169	-2.539	-2.569	-2.614	-2.461	-2.299	-2.202
3341	33.40	-2.201	-2.275	-2.350	-2.321	-2.095	-1.635	-0.998	-0.337	0.138	0.238
3351	33.50	-0.121	-0.859	-1.739	-2.434	-2.649	-2.240	-1.328	-0.037	1.110	1.836
3361	33.60	1.982	1.629	1.040	0.552	0.424	0.732	1.342	1.982	2.367	2.332
3371	33.70	1.900	1.273	0.730	0.509	0.701	1.212	1.818	2.259	2.353	2.067
3381	33.80	1.513	0.891	0.390	0.107	0.013	-0.018	-0.142	-0.462	-0.977	-1.582
3391	33.90	-2.116	-2.438	-2.490	-2.318	-2.050	-1.829	-1.750	-1.812	-1.930	-1.978
3401	34.00	-1.857	-1.552	-1.142	-0.766	-0.552	-0.557	-0.730	-0.937	-1.023	-0.886
3411	34.10	-0.534	-0.079	0.311	0.499	0.451	0.262	0.119	0.220	0.677	1.459
3421	34.20	2.394	3.234	3.757	3.852	3.561	3.053	2.546	2.214	2.119	2.196
3431	34.30	2.293	2.249	1.963	1.438	0.778	0.142	-0.319	-0.514	-0.440	-0.176
3441	34.40	0.150	0.402	0.469	0.299	-0.101	-0.662	-1.274	-1.804	-2.130	-2.172
3451	34.50	-1.910	-1.399	-0.752	-0.116	0.377	0.646	0.681	0.545	0.342	0.182
3461	34.60	0.138	0.228	0.414	0.630	0.813	0.935	1.016	1.116	1.300	1.610
3471	34.70	2.027	2.470	2.813	2.929	2.743	2.260	1.583	0.872	0.295	-0.040
3481	34.80	-0.125	-0.050	0.039	0.014	-0.172	-0.453	-0.676	-0.670	-0.336	0.295
3491	34.90	1.054	1.693	1.979	1.793	1.174	0.308	-0.561	-1.228	-1.606	-1.742

Table 7-47-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1239 1315-GR-1-1 HB. (HB.) ONENUHA BRIDGE MAX. ACC. = -47.391 (GAL) T= 2.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-1.777	-1.851	-2.027	-2.259	-2.417	-2.365	-2.046	-1.522	-0.969	-0.605
3511	35.10	-0.600	-1.011	-1.755	-2.655	-3.505	-4.140	-4.480	-4.523	-4.317	-3.915
3521	35.20	-3.361	-2.688	-1.940	-1.187	-0.519	-0.023	0.263	0.366	0.377	0.413
3531	35.30	0.566	0.859	1.239	1.606	1.862	1.961	1.928	1.841	1.791	1.830
3541	35.40	1.948	2.080	2.146	2.094	1.932	1.719	1.544	1.474	1.527	1.668
3551	35.50	1.827	1.936	1.963	1.918	1.837	1.753	1.669	1.548	1.324	0.941
3561	35.60	0.377	-0.333	-1.101	-1.813	-2.359	-2.669	-2.729	-2.579	-2.298	-1.976
3571	35.70	-1.693	-1.503	-1.420	-1.432	-1.504	-1.601	-1.693	-1.767	-1.826	-1.877
3581	35.80	-1.922	-1.949	-1.934	-1.843	-1.652	-1.359	-0.988	-0.585	-0.204	0.115
3591	35.90	0.354	0.523	0.651	0.769	0.900	1.052	1.214	1.371	1.506	1.606
3601	36.00	1.665	1.679	1.647	1.572	1.459	1.319	1.158,	0.977	0.760	0.487
3611	36.10	0.143	-0.263	-0.684	-1.037	-1.230	-1.198	-0.940	-0.538	-0.138	0.097
3621	36.20	0.045	-0.322	-0.923	-1.602	-2.187	-2.558	-2.691	-2.664	-2.607	-2.641
3631	36.30	-2.812	-3.073	-3.298	-3.343	-3.108	-2.584	-1.859	-1.080	-0.400	0.085
3641	36.40	0.357	0.471	0.518	0.578	0.685	0.825	0.954	1.033	1.058	1.072
3651	36.50	1.145	1.350	1.723	2.249	2.864	3.480	4.018	4.431	4.715	4.888
3661	36.60	4.976	4.981	4.876	4.620	4.180	3.560	2.813	2.034	1.328	0.777
3671	36.70	0.415	0.218	0.129	0.083	0.041	-0.004	-0.036	-0.039	-0.028	-0.050
3681	36.80	-0.180	-0.482	-0.982	-1.650	-2.410	-3.166	-3.838	-4.384	-4.797	-5.085
3691	36.90	-5.241	-5.232	-5.006	-4.527	-3.809	-2.941	-2.064	-1.334	-0.855	-0.634
3701	37.00	-0.577	-0.526	-0.326	0.106	0.744	1.473	2.139	2.630	2.927	3.116
3711	37.10	3.343	3.744	4.375	5.178	5.999	6.650	6.982	6.946	6.607	6.100
3721	37.20	5.573	5.115	4.717	4.289	3.704	2.870	1.780	0.527	-0.725	-1.801
3731	37.30	-2.585	-3.061	-3.310	-3.474	-3.692	-4.042	-4.518	-5.037	-5.489	-5.785
3741	37.40	-5.899	-5.870	-5.774	-5.686	-5.638	-5.606	-5.529	-5.338	-4.996	-4.509
3751	37.50	-3.921	-3.279	-2.613	-1.919	-1.170	-0.348	0.531	1.413	2.218	2.884
3761	37.60	3.395	3.796	4.175	4.618	5.164	5.780	6.367	6.803	6.989	6.886
3771	37.70	6.520	5.963	5.291	4.560	3.803	3.052	2.357	1.801	1.476	1.439
3781	37.80	1.670	2.055	2.407	2.532	2.303	1.714	0.884	0.005	-0.734	-1.226
3791	37.90	-1.480	-1.609	-1.766	-2.078	-2.594	-3.272	-4.014	-4.707	-5.267	-5.655
3801	38.00	-5.865	-5.903	-5.770	-5.464	-4.995	-4.406	-3.780	-3.219	-2.814	-2.607
3811	38.10	-2.573	-2.628	-2.660	-2.579	-2.344	-1.978	-1.554	-1.155	-0.847	-0.651
3821	38.20	-0.538	-0.445	-0.292	-0.012	0.434	1.044	1.773	2.539	3.242	3.788
3831	38.30	4.112	4.202	4.101	3.894	3.677	3.527	3.473	3.497	3.545	3.557
3841	38.40	3.490	3.328	3.070	2.723	2.282	1.736	1.087	0.372	-0.325	-0.891
3851	38.50	-1.221	-1.266	-1.074	-0.786	-0.596	-0.679	-1.120	-1.879	-2.798	-3.662
3861	38.60	-4.280	-4.560	-4.533	-4.328	-4.110	-4.003	-4.042	-4.165	-4.259	-4.221
3871	38.70	-4.017	-3.700	-3.384	-3.187	-3.167	-3.284	-3.413	-3.393	-3.095	-2.484
3881	38.80	-1.632	-0.696	0.157	0.808	1.240	1.525	1.791	2.152	2.654	3.265
3891	38.90	3.887	4.416	4.781	4.976	5.046	5.050	5.023	4.957	4.813	4.555
3901	39.00	4.188	3.768	3.379	3.091	2.912	2.775	2.567	2.181	1.584	0.842
3911	39.10	0.094	-0.509	-0.882	-1.058	-1.173	-1.403	-1.874	-2.591	-3.431	-4.195
3921	39.20	-4.701	-4.872	-4.764	-4.531	-4.335	-4.265	-4.284	-4.261	-4.047	-3.570
3931	39.30	-2.892	-2.191	-1.684	-1.524	-1.721	-2.130	-2.516	-2.650	-2.410	-1.818
3941	39.40	-1.017	-0.198	0.487	0.989	1.320	1.592	1.878	2.205	2.548	2.851
3951	39.50	3.073	3.208	3.288	3.354	3.422	3.469	3.438	3.272	2.948	2.495
3961	39.60	1.984	1.494	1.081	0.749	0.463	0.170	-0.167	-0.547	-0.930	-1.267
3971	39.70	-1.521	-1.696	-1.835	-2.003	-2.259	-2.630	-3.096	-3.599	-4.052	-4.370
3981	39.80	-4.480	-4.342	-3.954	-3.350	-2.596	-1.779	-0.992	-0.307	0.233	0.628
3991	39.90	0.913	1.137	1.348	1.575	1.819	2.069	2.309	2.538	2.769	3.022

Table 7-47-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1239 1315-GR-1-1 HB. (HD.) ONENUHA BRIDGE MAX. ACC. = -47.391 (GAL) T= 2.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	3.308	3.625	3.949	4.248	4.492	4.664	4.758	4.776	4.713	4.554
4011	40.10	4.286	3.906	3.439	2.940	2.483	2.138	1.941	1.881	1.904	1.930
4021	40.20	1.885	1.726	1.454	1.109	0.748	0.429	0.195	0.067	0.041	0.092
4031	40.30	0.178	0.238	0.210	0.042	-0.280	-0.715	-1.171	-1.523	-1.660	-1.526
4041	40.40	-1.158	-0.673	-0.237	-0.001	-0.044	-0.339	-0.771	-1.182	-1.435	-1.465
4051	40.50	-1.294	-1.006	-0.701	-0.448	-0.258	-0.095	0.091	0.327	0.599	0.854
4061	40.60	1.035	1.112	1.109	1.039	1.127	1.267	1.498	1.751	1.936	1.977
4071	40.70	1.853	1.608	1.328	1.102	0.982	0.959	0.976	0.963	0.868	0.688
4081	40.80	0.465	0.255	0.101	-0.001	-0.098	-0.258	-0.532	-0.921	-1.364	-1.758
4091	40.90	-1.994	-1.993	-1.759	-1.277	-0.700	-0.117	0.369	0.682	0.777	0.642
4101	41.00	0.304	-0.172	-0.677	-1.076	-1.240	-1.088	-0.627	0.036	0.708	1.181
4111	41.10	1.298	1.021	0.450	-0.214	-0.743	-0.971	-0.855	-0.486	-0.060	0.300
4121	41.20	0.424	0.332	0.119	-0.083	-0.171	-0.123	0.002	0.102	0.092	-0.048
4131	41.30	-0.262	-0.446	-0.506	-0.403	-0.182	0.052	0.181	0.127	-0.113	-0.462
4141	41.40	-0.799	-1.010	-1.028	-0.858	-0.570	-0.271	-0.067	-0.032	-0.190	-0.513
4151	41.50	-0.935	-1.371	-1.747	-2.020	-2.198	-2.341	-2.537	-2.872	-3.387	-4.045
4161	41.60	-4.733	-5.291	-5.573	-5.504	-5.119	-4.558	-4.013	-3.660	-3.591	-3.789
4171	41.70	-4.150	-4.542	-4.862	-5.080	-5.226	-5.351	-5.475	-5.558	-5.513	-5.261
4181	41.80	-4.785	-4.167	-3.571	-3.174	-3.090	-3.305	-3.683	-4.019	-4.140	-3.980
4191	41.90	-3.609	-3.192	-2.892	-2.779	-2.778	-2.699	-2.319	-1.502	-0.271	1.179

Table 7-48-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1240 1317-GR-1-4 HA. (HA.) HIROO BRIDGE MAX. ACC. = -101.289 (GAL) T= 12.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	2.214	0.676	-2.109	-5.646	-8.889	-10.665	-10.216	-7.607	-3.766	-0.118
11	0.10	2.021	2.001	0.076	-2.783	-5.380	-6.835	-6.890	-5.865	-4.334	-2.751
21	0.20	-1.261	0.198	1.613	2.657	2.713	1.206	-1.921	-5.907	-9.279	-10.443
31	0.30	-8.483	-3.785	1.914	6.143	6.774	3.041	-4.008	-11.869	-17.639	-19.261
41	0.40	-16.390	-10.452	-3.912	0.872	2.651	1.658	-0.761	-2.995	-4.022	-3.808
51	0.50	-3.107	-2.836	-3.427	-4.551	-5.350	-5.014	-3.341	-0.921	1.155	1.910
61	0.60	1.039	-0.905	-2.825	-3.700	-3.159	-1.666	-0.226	0.232	-0.580	-2.135
71	0.70	-3.399	-3.460	-2.102	0.015	1.693	1.867	0.237	-2.501	-4.971	-5.812
81	0.80	-4.398	-1.178	2.531	5.189	5.766	4.195	1.323	-1.574	-3.426	-3.818
91	0.90	-3.046	-1.804	-0.739	-0.133	0.110	0.238	0.365	0.345	-0.087	-1.023
101	1.00	-2.146	-2.759	-2.115	0.097	3.415	6.647	8.341	7.481	4.059	-0.809
111	1.10	-5.306	-7.719	-7.217	-4.220	-0.170	3.176	4.584	3.869	1.878	-0.056
121	1.20	-0.863	-0.298	0.990	1.891	1.521	-0.223	-2.549	-4.164	-3.960	-1.635
131	1.30	2.091	5.778	7.937	7.714	5.272	1.667	-1.683	-3.650	-3.855	-2.704
141	1.40	-1.041	0.368	1.240	1.827	2.652	4.066	5.925	7.577	8.177	7.159
151	1.50	4.608	1.302	-1.619	-3.189	-3.088	-1.785	-0.276	0.468	0.039	-1.162
161	1.60	-2.128	-1.804	0.285	3.669	7.050	8.868	8.057	4.618	-0.297	-4.838
171	1.70	-7.258	-6.665	-3.389	1.229	5.482	8.057	8.544	7.440	5.718	4.205
181	1.80	3.145	2.173	0.704	-1.521	-4.067	-5.889	-5.844	-3.384	0.969	5.661
191	1.90	8.724	8.676	5.281	-0.247	-5.726	-8.974	-8.797	-5.505	-0.720	3.451
201	2.00	5.430	4.889	2.794	0.798	0.296	1.655	4.019	5.788	5.501	2.677
211	2.10	-1.860	-6.312	-8.747	-8.014	-4.269	1.123	6.245	9.484	10.169	8.679
221	2.20	6.047	3.312	0.992	-1.017	-3.128	-5.535	-7.836	-9.068	-8.183	-4.719
231	2.30	0.713	6.439	10.311	10.630	6.988	0.588	-6.144	-10.533	-10.781	-6.765
241	2.40	-0.118	6.442	10.238	9.731	5.118	-1.815	-8.464	-12.468	-12.578	-9.006
251	2.50	-3.175	2.950	7.610	9.765	9.237	6.514	2.427	-2.102	-6.168	-8.891
261	2.60	-9.469	-7.380	-2.706	3.605	9.761	13.570	13.234	8.184	-0.445	-10.006
271	2.70	-17.223	-19.453	-15.799	-7.544	2.324	10.308	13.829	12.205	6.787	0.195
281	2.80	-4.934	-7.065	-6.235	-3.706	-1.056	0.736	1.703	2.609	4.160	6.261
291	2.90	7.786	7.101	3.074	-3.985	-12.042	-18.000	-19.059	-14.136	-4.601	6.109
301	3.00	13.899	15.808	11.351	2.729	-6.171	-11.544	-11.333	-6.053	1.604	8.107
311	3.10	10.706	8.547	2.838	-3.918	-9.155	-11.303	-10.230	-6.961	-2.983	0.461
321	3.20	2.717	3.665	3.430	2.147	-0.041	-2.793	-5.406	-6.896	-6.374	-3.565
331	3.30	0.867	5.434	8.411	8.642	6.156	2.217	-1.244	-2.566	-1.187	2.068
341	3.40	5.409	6.989	5.842	2.346	-1.988	-5.310	-6.342	-4.967	-2.198	0.420
351	3.50	1.604	0.929	-1.081	-3.345	-4.830	-5.035	-4.105	-2.590	-1.045	0.250
361	3.60	1.307	2.206	2.856	2.926	2.049	0.153	-2.286	-4.300	-4.821	-3.231
371	3.70	0.234	4.473	7.944	9.341	8.177	4.986	1.039	-2.256	-3.962	-3.934
381	3.80	-2.714	-1.122	0.193	1.012	1.493	1.907	2.377	2.799	2.973	2.835
391	3.90	2.591	2.603	3.106	3.909	4.333	3.492	0.816	-3.464	-8.169	-11.519
401	4.00	-11.872	-8.507	-2.076	5.537	11.907	15.009	13.964	9.298	2.612	-4.109
411	4.10	-9.217	-11.840	-11.922	-9.974	-6.748	-3.021	0.460	2.965	3.856	2.796
421	4.20	0.010	-3.592	-6.609	-7.650	-5.976	-1.935	3.067	7.110	8.605	7.044
431	4.30	3.248	-1.000	-3.794	-3.989	-1.692	1.861	4.974	6.319	5.508	3.133
441	4.40	0.302	-2.012	-3.435	-4.218	-4.840	-5.483	-5.731	-4.722	-1.695	3.376
451	4.50	9.456	14.674	17.053	15.401	9.937	2.290	-5.128	-10.111	-11.528	-9.697
461	4.60	-6.097	-2.609	-0.660	-0.687	-2.120	-3.833	-4.781	-4.493	-3.200	-1.583
471	4.70	-0.341	0.182	0.116	-0.096	-0.007	0.558	1.424	2.196	2.513	2.262
481	4.80	1.639	1.029	0.780	1.011	1.549	2.044	2.167	1.810	1.157	0.595
491	4.90	0.511	1.083	2.163	3.330	4.076	4.050	3.219	1.885	0.528	-0.440

Table 7-48-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1240 1317-GR-1-4 HA. (HA.) HIROO BRIDGE MAX. ACC. = -101.289 (GAL) T= 12.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.896	-1.068	-1.401	-2.291	-3.799	-5.533	-6.761	-6.738	-5.103	-2.138
511	5.10	1.267	3.957	5.025	4.252	2.233	0.126	-0.908	-0.278	1.721	4.027
521	5.20	5.316	4.653	1.967	-1.892	-5.527	-7.619	-7.473	-5.242	-1.738	1.996
531	5.30	5.126	7.214	8.129	7.802	6.071	2.782	-1.895	-7.153	-11.519	-13.289
541	5.40	-11.297	-5.660	1.947	8.743	11.944	10.031	3.563	-4.911	-11.902	-14.515
551	5.50	-11.770	-5.024	2.707	8.218	9.624	7.164	2.896	-0.534	-1.361	0.362
561	5.60	2.886	3.863	1.803	-2.912	-8.064	-10.697	-8.729	-2.207	6.468	13.551
571	5.70	15.698	11.597	2.666	-7.544	-14.942	-16.719	-12.514	-4.419	4.123	9.926
581	5.80	11.379	8.889	4.342	-0.025	-2.719	-3.502	-3.151	-2.729	-2.830	-3.247
591	5.90	-3.203	-1.960	0.608	3.820	6.486	7.524	6.530	3.982	0.976	-1.347
601	6.00	-2.356	-2.178	-1.525	-1.234	-1.781	-3.044	-4.400	-5.078	-4.546	-2.737
611	6.10	-0.035	2.930	5.502	7.153	7.520	6.410	3.851	0.198	-3.778	-6.975
621	6.20	-8.281	-7.058	-3.562	0.964	4.688	5.969	4.181	0.156	-4.074	-6.189
631	6.30	-4.754	-0.085	5.699	9.549	8.933	3.174	-6.005	-15.063	-20.141	-18.800
641	6.40	-11.171	0.045	10.750	17.249	17.813	13.283	6.470	0.684	-1.850	-0.914
651	6.50	1.847	3.980	3.592	0.305	-4.661	-9.240	-11.657	-11.282	-8.789	-5.571
661	6.60	-2.825	-0.865	0.928	3.506	7.288	11.592	14.750	14.913	11.129	4.074
671	6.70	-4.014	-10.238	-12.371	-9.927	-4.412	1.397	4.798	4.666	1.040	-3.287
681	6.80	-5.938	-5.294	-1.500	3.654	7.688	8.710	6.368	1.985	-2.136	-3.886
691	6.90	-2.374	1.661	6.247	9.119	8.739	4.933	-1.115	-7.409	-11.938	-13.357
701	7.00	-11.325	-6.454	-0.010	6.679	11.570	14.188	13.841	10.754	5.872	0.642
711	7.10	-3.417	-5.246	-4.672	-2.485	-0.100	1.096	0.403	-1.865	-4.559	-6.311
721	7.20	-6.252	-4.455	-1.839	0.401	1.510	1.607	1.559	2.343	4.283	6.829
731	7.30	7.810	6.296	1.607	-5.112	-11.370	-14.425	-12.684	-6.669	1.044	6.961
741	7.40	8.386	4.851	-1.531	-7.029	-8.162	-3.541	5.275	14.404	19.485	17.840
751	7.50	9.871	-1.059	-10.225	-13.843	-10.929	-3.756	3.321	6.106	2.732	-5.329
761	7.60	-13.946	-18.328	-15.467	-5.640	7.586	18.964	23.959	20.779	11.110	-0.771
771	7.70	-10.007	-13.327	-10.352	-3.500	3.364	6.817	5.392	0.039	-6.553	-11.367
781	7.80	-12.460	-9.696	-4.574	0.677	4.198	5.247	4.304	2.567	1.199	0.747
791	7.90	1.000	1.289	1.000	-0.030	-1.445	-2.839	-3.178	-3.085	-2.831	-3.020
801	8.00	-3.951	-5.332	-6.333	-5.974	-3.671	0.349	5.001	8.717	10.087	8.483
811	8.10	4.363	-0.894	-5.533	-8.113	-8.028	-5.643	-2.018	1.612	4.333	5.808
821	8.20	6.203	5.894	5.162	4.057	2.514	0.611	-1.242	-2.345	-2.036	-0.155
831	8.30	2.627	4.870	4.882	1.522	-5.066	-13.201	-20.102	-22.915	-19.941	-11.505
841	8.40	-0.041	10.722	17.171	17.246	11.268	1.805	-7.391	-12.896	-12.944	-8.000
851	8.50	-0.389	6.799	11.011	11.144	7.744	2.485	-2.709	-6.453	-8.241	-8.274
861	8.60	-7.003	-4.713	-1.448	2.738	7.388	11.465	13.469	12.239	7.451	0.113
871	8.70	-7.644	-13.339	-15.154	-12.726	-7.294	-1.120	3.546	5.453	4.783	2.845
881	8.80	1.211	0.778	1.281	1.521	0.193	-3.170	-7.684	-11.375	-12.112	-8.771
891	8.90	-11.975	6.009	12.238	14.460	12.212	7.060	1.845	-0.720	0.610	4.997
901	9.00	9.963	12.657	11.326	6.227	-0.463	-5.688	-6.997	-3.711	2.766	9.634
911	9.10	14.001	14.158	10.217	3.881	-2.480	-6.921	-8.638	-8.026	-6.153	-4.042
921	9.20	-2.164	-0.420	1.482	3.542	5.236	5.710	4.303	1.058	-3.097	-6.673
931	9.30	-8.305	-7.439	-4.645	-1.350	0.872	1.094	-0.507	-2.796	-4.328	-4.165
941	9.40	-2.419	-0.195	1.010	0.169	-2.650	-6.218	-8.716	-8.639	-5.586	-0.504
951	9.50	4.747	8.304	9.228	7.982	6.207	5.885	8.308	13.340	19.337	23.791
961	9.60	24.395	20.060	11.440	0.728	-9.147	-15.589	-17.212	-14.194	-8.032	-0.857
971	9.70	5.362	9.413	11.044	10.784	9.539	8.163	7.173	6.661	6.366	5.817
981	9.80	4.690	1.957	-1.979	-7.135	-12.862	-18.082	-21.521	-22.124	-19.540	-14.449
991	9.90	-8.532	-3.997	-2.771	-5.653	-11.827	-18.987	-24.127	-24.701	-19.691	-10.089

Table 7-48-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1240 1317-GR-1-4 HA. (HA.) HIROO BRIDGE MAX. ACC. = -101.289 (GAL) T= 12.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.435	11.581	17.734	18.954	16.219	11.815	8.182	6.780	7.504	8.923
1011	10.10	9.149	6.909	2.221	-3.626	-8.779	-11.746	-12.204	-10.982	-9.528	-8.984
1021	10.20	-9.467	-9.949	-8.806	-4.751	2.367	11.331	20.036	26.408	29.275	28.729
1031	10.30	25.796	21.638	16.781	10.844	2.961	-7.310	-19.140	-30.174	-37.169	-37.299
1041	10.40	-29.565	-15.598	0.608	14.000	20.314	17.665	7.235	-7.245	-20.926	-29.601
1051	10.50	-31.050	-25.525	-15.307	-3.668	6.269	12.331	13.588	10.221	3.216	-5.905
1061	10.60	-15.284	-22.860	-26.660	-25.238	-18.196	-6.525	7.447	20.596	29.905	33.405
1071	10.70	30.760	23.285	13.368	3.568	-4.220	-9.204	-11.599	-12.121	-11.382	-9.513
1081	10.80	-6.210	-1.137	5.545	12.868	19.178	22.693	22.265	17.977	11.262	4.437
1091	10.90	-0.187	-1.236	1.165	5.488	9.512	11.356	10.364	7.426	4.590	4.111
1101	11.00	7.381	14.204	22.738	30.132	33.544	31.119	22.543	9.009	-7.254	-23.623
1111	11.10	-37.588	-47.020	-50.288	-46.425	-35.457	-18.809	0.486	18.137	29.620	31.666
1121	11.20	23.631	8.069	-9.937	-24.589	-31.668	-30.154	-22.749	-14.340	-9.644	-10.786
1131	11.30	-16.140	-21.096	-20.472	-11.420	4.657	22.276	34.225	35.079	24.156	6.362
1141	11.40	-9.689	-15.577	-7.205	12.860	36.097	51.661	51.329	33.493	4.230	-25.155
1151	11.50	-43.087	-42.923	-25.972	-0.906	20.215	27.458	17.517	-4.880	-29.290	-44.451
1161	11.60	-43.435	-26.660	-1.407	21.793	34.101	32.240	19.510	3.618	-7.451	-9.383
1171	11.70	-3.345	5.161	9.654	6.416	-3.381	-14.285	-19.558	-14.959	-1.279	15.744
1181	11.80	28.163	29.813	19.486	1.601	-16.023	-26.173	-25.955	-18.233	-9.978	-8.331
1191	11.90	-16.416	-31.159	-44.379	-46.771	-32.835	-4.236	30.241	58.293	69.638	60.805
1201	12.00	36.809	8.817	-11.094	-15.569	-5.244	11.913	24.822	24.923	10.429	-12.891
1211	12.10	-34.692	-45.218	-40.007	-21.800	1.188	19.592	27.488	24.859	16.775	9.900
1221	12.20	8.376	11.427	14.032	10.266	-2.595	-21.611	-38.938	-45.612	-36.457	-13.472
1231	12.30	14.319	34.764	38.478	23.798	-1.822	-24.900	-32.227	-17.390	15.662	53.885
1241	12.40	80.799	83.969	60.816	20.027	-22.156	-49.036	-50.858	-28.796	7.580	35.595
1251	12.50	46.684	32.457	-2.938	-46.923	-83.870	-101.289	-94.225	-66.319	-27.506	10.284
1261	12.60	37.489	49.671	47.929	37.287	24.064	13.397	7.779	6.867	8.351	9.355
1271	12.70	7.803	3.292	-2.778	-7.851	-9.430	-6.428	-0.072	6.132	7.592	0.656
1281	12.80	-15.299	-36.756	-56.654	-66.772	-61.095	-38.742	-5.039	29.989	55.290	63.153
1291	12.90	52.360	28.667	2.307	-16.404	-21.384	-13.104	2.107	15.340	19.334	11.656
1301	13.00	-6.611	-22.808	-36.157	-40.940	-37.863	-31.078	-25.555	-24.271	-26.693	-29.231
1311	13.10	-27.316	-17.915	-1.187	19.494	39.028	52.720	57.990	54.942	45.764	33.510
1321	13.20	20.984	10.213	2.483	-1.456	-1.394	2.010	6.903	10.398	9.496	2.553
1331	13.30	-9.642	-22.599	-31.333	-30.729	-19.059	0.838	22.170	36.734	38.336	25.534
1341	13.40	2.374	-23.267	-42.995	-51.310	-47.572	-35.671	-21.712	-10.952	-5.506	-3.856
1351	13.50	-2.248	2.896	12.842	25.732	37.399	43.299	40.546	29.129	11.868	-6.688
1361	13.60	-21.825	-30.022	-29.733	-21.540	-7.857	7.643	20.819	28.065	27.420	19.435
1371	13.70	7.343	-3.846	-9.224	-6.206	3.957	16.251	23.849	21.234	7.129	-14.293
1381	13.80	-34.710	-45.095	-39.800	-19.352	9.485	36.516	52.536	53.273	40.960	22.818
1391	13.90	7.261	-0.224	0.559	5.035	6.861	1.729	-10.109	-23.952	-33.300	-33.546
1401	14.00	-24.671	-11.415	-0.804	1.658	-4.969	-16.348	-25.297	-25.520	-15.251	1.526
1411	14.10	16.882	22.906	15.810	-1.967	-22.753	-37.253	-38.956	-27.125	-6.907	13.384
1421	14.20	26.351	28.847	22.920	14.051	7.776	6.618	8.982	10.553	7.362	-1.397
1431	14.30	-12.087	-18.298	-14.109	2.381	27.245	51.719	65.648	61.848	39.375	4.170
1441	14.40	-33.178	-61.531	-73.326	-67.024	-46.996	-21.186	2.223	17.677	23.590	21.938
1451	14.50	16.654	11.734	9.838	11.734	16.472	21.945	25.551	24.840	18.187	5.474
1461	14.60	-11.429	-28.722	-41.561	-45.691	-39.289	-24.171	-5.597	9.515	15.401	10.068
1471	14.70	-3.565	-18.720	-27.721	-25.556	-12.374	6.398	22.504	28.799	22.809	8.106
1481	14.80	-7.284	-14.774	-9.571	6.670	26.301	39.163	37.509	20.012	-7.141	-32.712
1491	14.90	-45.388	-38.987	-15.457	15.755	41.744	51.765	41.897	16.701	-12.824	-33.977

Table 7-48-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1240 1317-GR-1-4 HA. (HA.) HIROO BRIDGE MAX. ACC. = -101.289 (GAL) T= 12.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-37.649	-21.890	7.660	40.409	65.184	74.369	66.198	44.537	16.686	-9.593
1511	15.10	-28.506	-37.357	-36.378	-27.810	-14.957	-1.571	8.484	11.653	5.489	-10.254
1521	15.20	-32.745	-56.103	-72.710	-75.643	-61.363	-31.519	7.055	44.371	70.623	79.541
1531	15.30	70.378	47.754	19.506	-6.434	-24.763	-34.041	-36.101	-34.200	-30.990	-27.368
1541	15.40	-22.552	-15.506	-6.180	3.668	10.936	12.604	7.349	-3.522	-16.374	-26.650
1551	15.50	-30.706	-27.171	-17.234	-3.833	9.719	20.891	28.336	31.489	29.865	22.720
1561	15.60	9.466	-9.287	-30.762	-49.939	-60.806	-58.685	-42.610	-16.535	11.503	32.191
1571	15.70	38.637	29.341	8.977	-13.490	-28.608	-30.453	-19.017	0.152	18.824	30.067
1581	15.80	31.364	25.345	17.857	14.420	16.993	22.784	25.800	20.372	4.611	-16.819
1591	15.90	-35.910	-43.108	-32.939	-6.948	26.307	54.618	67.379	60.308	37.380	8.996
1601	16.00	-12.800	-19.842	-11.506	5.215	19.242	20.891	6.703	-18.651	-44.286	-57.972
1611	16.10	-51.706	-25.485	12.411	48.670	70.269	69.527	46.809	9.930	-29.215	-59.189
1621	16.20	-72.787	-68.696	-50.761	-25.611	0.042	21.292	35.593	42.218	41.359	33.560
1631	16.30	19.798	1.977	-16.721	-32.141	-40.228	-38.496	-27.204	-9.589	9.073	23.282
1641	16.40	29.276	26.310	16.730	4.832	-4.978	-9.912	-9.720	-6.443	-3.191	-2.531
1651	16.50	-5.212	-9.795	-13.339	-12.822	-6.676	4.276	16.926	27.034	30.990	27.403
1661	16.60	17.806	6.073	-3.259	-7.081	-5.225	-0.651	1.935	-1.522	-12.095	-26.798
1671	16.70	-39.459	-43.346	-34.445	-13.828	12.152	34.188	44.013	38.256	20.314	-0.860
1681	16.80	-14.696	-14.001	1.339	23.802	41.305	42.683	23.118	-13.020	-53.383	-82.524
1691	16.90	-88.362	-67.391	-26.302	20.691	57.622	73.094	64.417	37.923	5.564	-20.484
1701	17.00	-32.715	-30.651	-19.888	-8.642	-3.594	-6.984	-16.090	-25.033	-27.814	-21.057
1711	17.10	-5.314	15.433	35.598	50.120	56.032	52.963	42.676	28.123	12.521	-1.259
1721	17.20	-10.988	-15.259	-13.704	-7.222	1.958	10.619	15.382	13.827	5.513	-7.568
1731	17.30	-21.381	-31.063	-32.590	-24.327	-7.862	12.208	29.568	38.175	34.328	18.109
1741	17.40	-6.351	-31.956	-50.844	-56.984	-48.297	-27.485	-11.142	22.437	36.477	37.922
1751	17.50	28.532	13.898	0.920	-5.208	-3.218	3.824	10.112	10.014	0.991	-14.840
1761	17.60	-31.271	-40.534	-36.714	-18.571	9.520	38.963	60.132	66.053	55.052	31.301
1771	17.70	3.067	-20.557	-33.096	-32.911	-23.371	-11.004	-2.482	-1.757	-8.522	-18.635
1781	17.80	-26.197	-26.460	-18.169	-4.333	8.963	15.253	10.737	-3.689	-22.401	-37.158
1791	17.90	-40.551	-29.348	-6.225	20.978	42.282	49.671	40.514	18.803	-6.407	-24.717
1801	18.00	-28.690	-16.878	5.714	29.871	46.099	48.455	36.665	15.717	-6.700	-23.612
1811	18.10	-31.432	-30.808	-25.469	-19.869	-16.903	-16.788	-17.500	-16.347	-11.713	-4.018
1821	18.20	4.541	11.228	14.231	13.519	10.665	7.787	6.253	5.889	5.156	2.181
1831	18.30	-3.920	-12.178	-19.823	-23.627	-20.983	-11.711	1.812	15.368	24.517	26.371
1841	18.40	20.749	10.237	-0.888	-8.399	-9.803	-5.279	2.511	9.631	12.608	9.953
1851	18.50	2.844	-5.339	-10.458	-9.448	-1.776	10.124	21.672	27.937	25.688	14.834
1861	18.60	-1.387	-17.595	-28.375	-30.432	-23.885	-12.132	-0.471	6.592	6.305	-0.652
1871	18.70	-10.172	-18.263	-21.033	-17.175	-8.135	2.679	11.418	15.318	13.607	7.512
1881	18.80	-0.494	-7.743	-12.270	-13.233	-10.871	-6.173	-0.522	4.572	7.684	7.724
1891	18.90	4.297	-1.939	-9.142	-14.631	-15.730	-10.896	-0.639	12.249	23.436	28.583
1901	19.00	25.120	13.484	-2.788	-18.247	-27.588	-27.746	-19.107	-5.329	8.205	16.623
1911	19.10	17.518	11.807	3.120	-3.951	-5.929	-1.918	6.187	14.771	20.304	20.982
1921	19.20	17.432	12.165	8.095	6.890	8.029	9.058	6.973	0.040	-10.863	-22.145
1931	19.30	-28.809	-26.664	-14.460	5.071	25.842	40.556	43.517	32.959	11.872	-13.020
1941	19.40	-33.737	-43.960	-41.233	-27.592	-8.489	9.488	21.083	24.084	19.685	11.510
1951	19.50	3.871	0.012	1.056	5.942	12.195	17.132	18.899	17.002	12.204	5.973
1961	19.60	-0.210	-5.362	-9.173	-11.839	-13.721	-15.020	-15.631	-15.229	-13.515	-10.501
1971	19.70	-6.652	-2.824	0.017	1.180	0.560	-1.274	-3.286	-4.423	-4.107	-2.555
1981	19.80	-0.746	-0.007	-1.379	-5.033	-10.033	-14.568	-16.614	-14.752	-8.788	0.083
1991	19.90	9.664	17.519	21.801	21.810	18.089	12.066	5.449	-0.364	-4.646	-7.384

Table 7-48-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1240 1317-GR-1-4 HA. (HA.) HIROO BRIDGE MAX. ACC. = -101.289 (GAL) T= 12.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-9.081	-10.447	-12.101	-14.357	-17.100	-19.745	-21.298	-20.565	-16.523	-8.797
2011	20.10	1.946	13.874	24.326	30.579	30.806	24.851	14.444	2.698	-6.961	-12.009
2021	20.20	-11.680	-7.088	-0.594	5.265	8.793	9.624	8.544	6.796	5.317	4.308
2031	20.30	3.349	1.923	-0.016	-1.817	-2.427	-1.053	2.192	6.091	8.752	8.509
2041	20.40	4.842	-1.200	-7.346	-11.114	-11.013	-7.324	-2.045	2.020	2.606	-0.896
2051	20.50	-7.101	-13.251	-16.517	-15.338	-10.156	-3.194	2.608	4.970	3.303	-1.092
2061	20.60	-5.727	-8.151	-7.094	-2.983	2.376	6.766	8.643	7.818	5.412	3.156
2071	20.70	2.416	3.490	5.473	6.826	6.273	3.581	-0.184	-3.093	-3.277	0.116
2081	20.80	6.380	13.410	18.504	19.458	15.466	7.443	-2.345	-11.157	-16.760	-18.108
2091	20.90	-15.481	-10.119	-3.602	2.694	7.839	11.255	12.462	10.930	6.194	-1.761
2101	21.00	-12.064	-22.781	-31.207	-34.640	-31.372	-21.493	-7.097	8.264	20.737	27.503
2111	21.10	27.748	22.864	15.783	9.709	6.772	7.166	9.140	9.836	6.649	-1.488
2121	21.20	-13.410	-25.949	-35.003	-37.063	-30.597	-16.759	0.869	17.424	28.373	31.014
2131	21.30	25.309	13.763	0.421	-10.603	-16.523	-16.652	-12.330	-6.100	-0.528	2.792
2141	21.40	3.669	3.037	2.198	2.001	2.387	2.510	1.351	-1.550	-5.636	-9.460
2151	21.50	-11.319	-10.109	-5.940	-0.173	5.150	8.210	8.196	5.571	1.719	-1.835
2161	21.60	-4.163	-5.248	-5.702	-6.103	-6.369	-5.615	-2.633	3.226	11.278	19.368
2171	21.70	24.579	24.542	18.725	9.006	-0.891	-6.932	-6.621	-0.272	8.966	16.430
2181	21.80	18.047	12.249	0.789	-11.973	-20.934	-22.748	-16.851	-6.064	4.990	11.959
2191	21.90	12.655	7.859	0.719	-4.888	-6.190	-2.689	3.850	10.458	14.470	14.702
2201	22.00	11.746	7.353	3.309	0.483	-1.463	-3.594	-6.764	-10.817	-14.413	-15.610
2211	22.10	-12.926	-6.319	2.479	10.476	14.618	13.112	6.265	-3.562	-12.871	-18.418
2221	22.20	-18.476	-13.439	-5.555	2.058	6.650	6.840	2.986	-3.124	-9.075	-12.747
2231	22.30	-13.000	-9.903	-4.519	1.618	7.073	10.924	12.904	13.287	12.594	11.282
2241	22.40	9.542	7.273	4.242	0.351	-4.119	-8.416	-11.445	-12.138	-9.905	-5.006
2251	22.50	1.349	7.278	10.813	10.598	6.416	-0.686	-8.747	-15.585	-19.550	-20.008
2261	22.60	-17.366	-12.661	-6.946	-0.817	5.664	12.598	19.658	25.646	28.550	26.216
2271	22.70	17.416	2.846	-14.499	-29.903	-38.374	-36.494	-23.906	-3.801	17.936	34.646
2281	22.80	41.219	35.898	20.855	1.321	-16.397	-27.196	-28.866	-22.547	-11.872	-1.227
2291	22.90	6.068	8.895	8.371	6.870	6.580	8.306	11.075	12.708	11.032	5.134
2301	23.00	-3.972	-13.597	-20.451	-22.051	-17.817	-9.363	0.159	7.373	10.056	7.982
2311	23.10	2.881	-2.448	-5.436	-4.870	-1.343	3.156	6.248	6.402	3.631	-0.480
2321	23.20	-3.539	-3.506	0.278	6.683	13.180	16.879	15.766	9.604	0.119	-9.611
2331	23.30	-16.300	-17.673	-13.272	-4.569	5.632	14.205	18.745	18.245	13.217	5.297
2341	23.40	-3.441	-11.170	-16.745	-19.796	-20.528	-19.409	-16.904	-13.370	-9.132	-4.628
2351	23.50	-0.504	2.436	3.445	2.147	-1.197	-5.610	-9.578	-11.481	-10.134	-5.261
2361	23.60	2.297	10.743	17.829	21.561	20.853	15.908	8.180	-0.089	-6.577	-9.612
2371	23.70	-8.650	-4.371	1.625	7.395	11.271	12.332	10.591	6.875	2.486	-1.233
2381	23.80	-3.286	-3.284	-1.517	1.152	3.557	4.577	3.494	0.257	-4.450	-9.382
2391	23.90	-13.110	-14.488	-13.050	-9.157	-3.856	1.511	5.778	8.298	9.031	8.362
2401	24.00	6.795	4.683	2.174	-0.638	-3.473	-5.722	-6.559	-5.300	-1.843	3.071
2411	24.10	7.960	11.107	11.240	8.095	2.533	-3.845	-9.429	-13.300	-15.530	-16.915
2421	24.20	-18.286	-19.779	-20.505	-18.877	-13.470	-4.019	8.019	19.689	27.560	29.122
2431	24.30	23.905	13.787	2.278	-6.905	-11.329	-10.727	-6.877	-2.560	-0.157	-0.547
2441	24.40	-2.842	-5.032	-5.164	-2.423	2.437	7.510	10.750	11.023	8.648	5.140
2451	24.50	2.342	1.406	2.195	3.424	3.473	1.403	-2.359	-6.084	-7.554	-5.223
2461	24.60	0.857	8.847	15.807	18.967	16.994	10.642	2.480	-4.204	-6.834	-4.652
2471	24.70	0.984	7.235	11.058	10.538	5.699	-1.542	-8.232	-11.651	-10.426	-5.037
2481	24.80	2.468	9.386	13.456	13.692	10.601	5.779	1.095	-2.106	-3.453	-3.458
2491	24.90	-3.012	-2.745	-2.619	-1.966	0.042	3.734	8.472	12.653	14.266	11.788

Table 7-48-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1240 1317-GR-1-4 HA. (HA.) HIROO BRIDGE MAX. ACC. = -101.289 (GAL) T= 12.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	5.016	-4.596	-14.299	-21.033	-22.627	-18.705	-10.860	-2.021	4.746	7.466
2511	25.10	5.961	1.740	-2.856	-5.832	-6.455	-5.481	-4.510	-5.447	-8.544	-13.001
2521	25.20	-16.859	-18.078	-15.613	-10.010	-3.212	2.372	5.054	4.723	2.905	1.973
2531	25.30	3.879	9.031	15.899	21.583	23.100	18.807	9.274	-2.812	-13.676	-19.957
2541	25.40	-20.012	-14.431	-5.601	3.433	10.234	13.789	14.532	13.681	12.296	10.607
2551	25.50	7.959	3.399	-3.449	-11.732	-19.344	-23.632	-22.534	-15.625	-4.553	7.400
2561	25.60	16.494	19.950	17.024	9.253	-0.211	-7.899	-11.396	-10.196	-5.729	-0.562
2571	25.70	2.803	3.016	0.364	-3.508	-6.479	-6.998	-4.787	-0.915	2.784	4.645
2581	25.80	3.980	1.392	-1.561	-3.178	-2.485	0.264	3.704	6.057	6.037	3.536
2591	25.90	-0.290	-3.574	-4.673	-3.014	0.570	4.219	5.945	4.632	0.613	-4.445
2601	26.00	-8.340	-9.395	-7.277	-3.161	0.850	2.757	1.622	-1.995	-6.354	-9.411
2611	26.10	-9.812	-7.496	-3.636	0.044	2.174	2.412	1.538	0.940	1.806	4.432
2621	26.20	8.023	11.068	12.079	10.303	6.058	0.556	-4.664	-8.361	-9.996	-9.730
2631	26.30	-8.114	-5.696	-2.788	0.504	4.047	7.463	10.083	11.165	10.245	7.430
2641	26.40	3.455	-0.564	-3.537	-4.794	-4.276	-2.451	-0.058	2.173	3.688	4.138
2651	26.50	3.337	1.264	-1.861	-5.467	-8.645	-10.368	-9.911	-7.286	-3.421	0.080
2661	26.60	1.599	0.304	-3.308	-7.465	-9.835	-8.617	-3.517	3.923	10.858	14.352
2671	26.70	12.731	6.424	-2.124	-9.482	-12.719	-10.686	-4.430	3.106	8.883	10.686
2681	26.80	8.273	3.317	-1.466	-3.591	-1.882	3.099	9.420	14.694	17.084	15.960
2691	26.90	11.972	6.610	1.501	-2.207	-4.150	-4.690	-4.599	-4.570	-5.407	-6.890
2701	27.00	-8.788	-10.506	-11.374	-10.871	-8.805	-5.429	-1.416	2.314	4.891	5.813
2711	27.10	5.147	3.517	1.859	1.022	1.407	2.794	4.443	5.420	5.008	2.998
2721	27.20	-0.236	-3.913	-7.157	-9.306	-10.090	-9.627	-8.296	-6.546	-4.758	-3.166
2731	27.30	-1.855	-0.794	0.113	0.972	1.844	2.697	3.406	3.813	3.848	3.637
2741	27.40	3.533	3.979	5.240	7.120	8.839	9.227	7.211	2.439	-4.292	-11.065
2751	27.50	-15.444	-15.444	-10.476	-1.791	7.853	15.223	17.912	15.367	9.053	1.811
2761	27.60	-3.438	-4.956	-2.845	1.183	4.784	6.182	4.977	2.193	-0.424	-1.431
2771	27.70	-0.461	1.645	3.414	3.655	2.185	-0.043	-1.496	-0.973	1.633	5.173
2781	27.80	7.779	7.832	4.843	-0.227	-5.391	-8.575	-8.605	-5.735	-1.478	2.149
2791	27.90	3.557	2.235	-1.162	-5.257	-8.624	-10.345	-10.181	-8.405	-5.473	-1.806
2801	28.00	2.193	5.969	8.706	9.479	7.666	3.435	-2.026	-6.775	-8.864	-7.260
2811	28.10	-2.474	3.479	7.866	8.447	4.560	-2.469	-9.832	-14.443	-14.307	-9.401
2821	28.20	-1.667	5.874	10.438	10.620	6.850	1.013	-4.508	-7.863	-8.377	-6.549
2831	28.30	-3.548	-0.535	1.819	3.410	4.454	5.145	5.478	5.341	4.767	4.130
2841	28.40	4.082	5.208	7.596	10.589	12.923	13.260	10.861	6.047	0.179	-4.872
2851	28.50	-7.535	-7.212	-4.492	-0.799	2.328	3.932	3.950	3.017	1.902	0.948
2861	28.60	-0.124	-1.936	-4.855	-8.463	-11.467	-12.199	-9.489	-3.474	4.145	10.614
2871	28.70	13.242	10.635	3.425	-5.865	-13.815	-17.525	-15.794	-9.542	-1.300	5.954
2881	28.80	10.041	10.335	7.725	3.907	0.421	-2.032	-3.685	-5.233	-7.139	-9.158
2891	28.90	-10.381	-9.779	-6.931	-2.485	1.955	4.515	3.992	0.556	-4.178	-7.803
2901	29.00	-8.221	-4.676	1.786	8.667	13.051	12.862	7.774	-0.613	-9.418	-15.633
2911	29.10	-17.302	-14.216	-7.876	-0.788	4.578	6.709	5.506	2.139	-1.569	-3.939
2921	29.20	-4.077	-2.132	0.880	3.568	4.760	3.951	1.474	-1.665	-4.189	-5.045
2931	29.30	-3.797	-0.791	2.968	6.183	7.734	7.084	4.465	0.783	-2.727	-4.956
2941	29.40	-5.305	-3.852	-1.259	1.539	3.698	4.738	4.620	3.622	2.126	0.422
2951	29.50	-1.355	-3.142	-4.801	-6.022	-6.353	-5.386	-2.992	0.500	4.313	7.436
2961	29.60	8.966	8.448	6.043	2.477	-1.230	-4.105	-5.519	-5.313	-3.745	-1.309
2971	29.70	1.460	4.130	6.406	8.108	9.126	9.405	8.949	7.838	6.203	4.183
2981	29.80	1.875	-0.660	-3.320	-5.850	-7.777	-8.485	-7.452	-4.582	-0.463	3.623
2991	29.90	6.035	5.393	1.239	-5.568	-12.961	-18.319	-19.454	-15.523	-7.452	2.341

Table 7-48-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1240 1317-GR-1-4 HA. (HA.) HIROO BRIDGE MAX. ACC. = -101.289 (GAL) T= 12.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	10.863	15.712	15.991	12.574	7.593	3.405	1.519	1.980	3.497	4.223
3011	30.10	2.788	-0.925	-5.656	-9.368	-10.142	-7.302	-1.616	4.919	9.957	11.793
3021	30.20	10.027	5.614	0.325	-4.059	-6.635	-6.632	-5.189	-2.857	-0.159	2.754
3031	30.30	5.900	9.690	11.679	12.652	11.062	6.598	-0.037	-7.204	-12.882	-15.474
3041	30.40	-14.480	-10.696	-5.824	-1.693	0.566	0.944	0.390	0.163	1.034	2.792
3051	30.50	4.308	4.158	1.479	-3.375	-8.763	-12.339	-12.052	-7.107	1.567	11.575
3061	30.60	19.938	24.221	23.414	18.215	10.618	3.038	-2.632	-5.631	-6.392	-6.100
3071	30.70	-6.008	-6.837	-8.510	-10.295	-11.220	-10.554	-8.120	-4.347	-0.077	3.753
3081	30.80	6.399	7.490	7.054	5.452	3.259	1.128	-0.341	-0.750	-0.039	1.434
3091	30.90	2.927	3.512	2.402	-0.694	-5.336	-10.378	-14.289	-15.684	-13.861	-9.135
3101	31.00	-2.784	3.376	7.643	9.045	7.657	4.496	1.052	-1.353	-2.063	-1.265
3111	31.10	0.236	1.497	1.922	1.514	0.769	0.295	0.363	0.659	0.377	-1.336
3121	31.20	-4.831	-9.564	-14.108	-16.606	-15.514	-10.300	-1.792	8.008	16.577	21.735
3131	31.30	22.361	18.689	12.103	4.550	-2.133	-6.722	-8.778	-8.504	-6.465	-3.336
3141	31.40	0.202	3.452	5.682	6.229	4.774	1.460	-2.684	-6.232	-7.714	-6.280
3151	31.50	-2.175	3.217	7.856	9.895	8.526	4.427	-0.454	-3.705	-3.534	0.376
3161	31.60	6.644	12.714	15.921	14.630	8.925	0.579	-7.707	-13.398	-15.103	-13.002
3171	31.70	-8.584	-3.881	-0.574	0.630	0.102	-1.088	-1.790	-1.319	0.304	2.492
3181	31.80	4.452	5.576	5.652	4.860	3.584	2.207	0.982	0.023	-0.630	-0.955
3191	31.90	-0.961	-0.740	-0.514	-0.588	-1.214	-2.420	-3.919	-5.178	-5.644	-5.030
3201	32.00	-3.512	-1.700	-0.385	-0.151	-1.059	-2.571	-3.773	-3.813	-2.352	0.210
3211	32.10	2.842	4.293	3.638	0.700	-3.833	-8.640	-12.256	-13.594	-12.313	-8.888
3221	32.20	-4.401	-0.162	2.703	3.551	2.361	-0.302	-3.457	-5.963	-6.827	-5.499
3231	32.30	-2.079	2.631	7.310	10.510	11.164	9.016	4.793	0.006	-3.596	-4.704
3241	32.40	-2.988	0.742	4.859	7.592	7.274	5.327	1.271	-2.752	-5.226	-5.436
3251	32.50	-3.759	-1.454	-0.040	-0.559	-3.071	-6.594	-9.521	-10.319	-8.191	-3.618
3261	32.60	2.748	8.572	12.481	13.604	11.989	8.475	4.307	0.677	-1.615	-2.303
3271	32.70	-1.590	0.029	1.963	3.670	4.739	4.920	4.151	2.574	0.533	-1.481
3281	32.80	-2.946	-3.457	-2.855	-1.267	0.946	3.336	5.518	7.268	8.530	9.323
3291	32.90	9.629	9.336	8.267	6.303	3.524	0.295	-2.779	-5.015	-5.885	-5.201
3301	33.00	-3.198	-0.448	2.332	4.512	5.720	5.905	5.280	4.191	2.988	1.930
3311	33.10	1.156	0.690	0.469	0.363	0.208	-0.156	-0.814	-1.719	-2.658	-3.309
3321	33.20	-3.369	-2.719	-1.553	-0.373	0.168	-0.462	-2.392	-5.205	-8.014	-9.773
3331	33.30	-9.697	-7.623	-4.151	-0.463	2.105	2.590	0.797	-2.594	-6.268	-8.772
3341	33.40	-9.068	-6.919	-2.966	1.536	5.204	7.049	6.807	4.988	2.598	0.692
3351	33.50	-0.078	0.277	1.127	1.545	0.772	-1.365	-4.300	-6.899	-7.930	-6.636
3361	33.60	-3.154	1.416	5.363	7.031	5.520	1.127	-4.699	-9.891	-12.580	-11.855
3371	33.70	-8.127	-2.924	1.780	4.415	4.461	2.582	0.225	-1.118	-0.637	1.458
3381	33.80	4.103	5.974	6.172	4.664	2.256	0.166	-0.707	-0.053	1.586	3.259
3391	33.90	4.146	4.003	3.255	2.678	2.875	3.837	4.874	4.959	3.333	0.022
3401	34.00	-4.024	-7.282	-8.353	-6.660	-2.786	1.729	5.048	5.850	3.887	0.049
3411	34.10	-4.103	-7.067	-8.047	-7.204	-5.434	-3.814	-3.044	-3.154	-3.610	-3.710
3421	34.20	-3.038	-1.701	-0.246	0.685	0.743	0.074	-0.776	-1.191	-0.846	0.108
3431	34.30	1.156	1.743	1.639	1.094	0.705	1.037	2.222	3.775	4.763	4.257
3441	34.40	1.870	-1.941	-5.957	-8.684	-9.013	-6.745	-2.715	1.553	4.503	5.217
3451	34.50	3.783	1.190	-1.169	-2.155	-1.383	0.665	2.932	4.332	4.260	2.839
3461	34.60	0.797	-0.925	-1.631	-1.162	0.106	1.522	2.514	2.856	2.706	2.417
3471	34.70	2.258	2.200	1.913	0.978	-0.807	-3.184	-5.421	-6.557	-5.806	-2.952
3481	34.80	1.471	6.305	10.160	11.917	11.121	8.109	3.833	-0.541	-4.049	-6.206
3491	34.90	-7.014	-6.760	-5.722	-3.974	-1.392	2.126	6.360	10.580	13.616	14.224

Table 7-48-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1240 1317-GR-1-4 HA. (HA.) HIROO BRIDGE MAX. ACC. = -101.289 (GAL) T= 12.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	11.627	5.991	-1.411	-8.485	-12.992	-13.391	-9.483	-2.581	4.910	10.363
3511	35.10	12.015	9.485	4.072	-1.875	-5.924	-6.549	-3.734	1.078	5.657	7.965
3521	35.20	7.025	3.283	-1.664	-5.836	-7.765	-7.106	-4.699	-2.086	-0.717	-1.258
3531	35.30	-3.308	-5.650	-6.893	-6.176	-3.592	-0.126	2.835	4.183	3.607	1.700
3541	35.40	-0.389	-1.567	-1.373	-0.214	0.855	0.706	-1.216	-4.494	-7.805	-9.432
3551	35.50	-8.028	-3.221	3.865	11.369	16.887	18.576	15.795	9.343	1.188	-6.221
3561	35.60	-10.786	-11.428	-8.377	-2.997	2.751	6.997	8.557	7.240	3.796	-0.633
3571	35.70	-4.023	-5.940	-5.830	-4.044	-1.444	0.944	2.276	2.134	0.599	-1.834
3581	35.80	-4.456	-6.567	-7.666	-7.547	-6.299	-4.241	-1.811	0.548	2.476	3.753
3591	35.90	4.314	4.225	3.640	2.747	1.718	0.691	-0.233	-0.978	-1.485	-1.719
3601	36.00	-1.697	-1.514	-1.336	-1.357	-1.704	-2.356	-3.095	-3.558	-3.376	-2.350
3611	36.10	-0.584	1.497	3.287	4.240	4.120	3.122	1.811	0.870	0.783	1.592
3621	36.20	2.855	3.854	3.943	2.890	1.061	-0.797	-1.703	-1.067	1.101	4.125
3631	36.30	6.918	8.422	8.029	5.826	2.534	-0.798	-3.212	-4.183	-3.754	-2.429
3641	36.40	-0.901	0.243	0.731	0.634	0.267	-0.097	-0.202	-0.095	-0.003	-0.253
3651	36.50	-1.138	-2.793	-5.117	-7.759	-10.161	-11.677	-11.734	-10.015	-6.604	-2.030
3661	36.60	2.822	6.930	9.425	9.856	8.318	5.410	2.023	-0.959	-2.918	-3.668
3671	36.70	-3.333	-2.394	-1.293	-0.372	0.217	0.490	0.549	0.498	0.399	0.259
3681	36.80	0.048	-0.287	-0.808	-1.575	-2.612	-3.861	-5.132	-6.096	-6.350	-5.556
3691	36.90	-3.605	-0.738	2.447	5.139	6.558	6.238	4.208	1.024	-2.392	-5.030
3701	37.00	-6.106	-5.290	-2.781	0.762	4.429	7.304	8.692	8.287	6.230	3.075
3711	37.10	-0.351	-3.161	-4.649	-4.510	-2.944	-0.623	1.528	2.638	2.213	0.327
3721	37.20	-2.387	-4.969	-6.496	-6.432	-4.836	-2.330	0.155	1.749	1.983	0.960
3731	37.30	-0.687	-2.042	-2.249	-0.827	2.151	6.059	9.891	12.548	13.158	11.343
3741	37.40	7.364	2.092	-3.191	-7.141	-8.745	-7.654	-4.327	0.090	4.126	6.493
3751	37.50	6.541	4.500	1.383	-1.607	-2.632	-1.708	1.056	4.588	7.467	8.480
3761	37.60	7.069	3.526	-1.141	-5.587	-8.598	-9.460	-8.131	-5.172	-1.510	1.858
3771	37.70	4.141	4.920	4.211	2.415	0.191	-1.736	-2.783	-2.693	-1.627	-0.122
3781	37.80	1.104	1.430	0.597	-1.157	-3.181	-4.670	-5.021	-4.095	-2.284	-0.322
3791	37.90	1.055	1.449	0.962	0.105	-0.508	-0.506	0.023	0.577	0.522	-0.534
3801	38.00	-2.471	-4.644	-6.149	-6.243	-4.701	-1.953	1.089	3.417	4.340	3.729
3811	38.10	2.008	-0.099	-1.892	-2.944	-3.168	-2.697	-1.738	-0.445	1.060	2.581
3821	38.20	3.775	4.206	3.544	1.825	-0.412	-2.228	-2.657	-1.202	1.803	5.184
3831	38.30	7.345	6.972	3.704	-1.571	-6.977	-10.408	-10.457	-7.081	-1.679	3.495
3841	38.40	6.327	5.799	2.457	-1.847	-4.809	-4.748	-1.393	3.985	9.144	11.879
3851	38.50	10.998	6.819	0.985	-4.297	-7.206	-7.026	-4.321	-0.536	2.734	4.449
3861	38.60	4.466	3.420	2.251	1.658	1.770	2.171	2.227	1.517	0.107	-1.469
3871	38.70	-2.500	-2.499	-1.489	-0.019	1.103	1.220	0.160	-1.658	-3.416	-4.282
3881	38.80	-3.801	-2.105	0.140	2.039	2.851	2.297	0.646	-1.424	-3.136	-3.926
3891	38.90	-3.645	-2.578	-1.286	-0.364	-0.211	-0.890	-2.129	-3.428	-4.240	-4.152
3901	39.00	-3.021	-1.014	1.440	3.784	5.513	6.331	6.229	5.461	4.409	3.399
3911	39.10	2.554	1.754	0.736	-0.712	-2.555	-4.438	-5.784	-6.054	-5.040	-3.052
3921	39.20	-0.866	0.572	0.569	-0.949	-3.330	-5.426	-6.073	-4.636	-1.337	2.776
3931	39.30	6.246	7.814	6.963	4.132	0.513	-2.474	-3.783	-3.149	-1.117	1.284
3941	39.40	3.052	3.641	3.127	2.039	0.996	0.347	0.022	-0.361	-1.191	-2.567
3951	39.50	-4.172	-5.399	-5.660	-4.703	-2.767	-0.479	1.442	2.519	2.723	2.433
3961	39.60	2.389	2.383	3.051	3.875	4.385	4.234	3.407	2.222	1.163	0.618
3971	39.70	0.681	1.119	1.516	1.499	0.920	-0.101	-1.281	-2.344	-3.154	-3.718
3981	39.80	-4.081	-4.189	-3.830	-2.727	-0.735	1.964	4.793	6.933	7.640	6.602
3991	39.90	4.133	1.106	-1.380	-2.464	-1.894	-0.142	1.804	2.880	2.413	0.406

Table 7-48-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1240 1317-GR-1-4 HA. (HA.) HIROO BRIDGE MAX. ACC. = -101.289 (GAL) T= 12.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-2.474	-5.198	-6.811	-6.818	-5.350	-3.069	-0.875	0.447	0.504	-0.613
4011	40.10	-2.402	-4.148	-5.156	-4.943	-3.365	-0.650	2.648	5.766	7.919	8.512
4021	40.20	7.329	4.627	1.091	-2.363	-4.878	-5.930	-5.471	-3.901	-1.860	0.044
4031	40.30	1.448	2.299	2.749	2.968	2.975	2.607	1.642	0.007	-2.052	-3.965
4041	40.40	-5.012	-4.634	-2.721	0.275	3.466	5.862	6.761	6.035	4.156	1.990
4051	40.50	0.421	0.006	0.783	2.317	3.915	4.916	4.907	3.798	1.778	-0.791
4061	40.60	-3.466	-5.764	-7.175	-7.226	-5.607	-2.359	1.982	6.401	9.641	10.618
4071	40.70	8.873	4.848	-0.180	-4.517	-6.685	-6.020	-2.957	1.137	4.514	5.767
4081	40.80	4.389	0.946	-3.219	-6.598	-8.162	-7.746	-6.027	-4.124	-3.035	-3.192
4091	40.90	-4.317	-5.637	-6.305	-5.824	-4.248	-2.109	-0.110	1.208	1.686	1.539
4101	41.00	1.148	0.826	0.649	0.469	0.074	-0.617	-1.449	-2.075	-2.150	-1.542
4111	41.10	-0.455	0.616	1.099	0.604	-0.877	-2.943	-4.925	-6.143	-6.153	-4.887
4121	41.20	-2.650	0.014	2.501	4.303	5.102	4.800	3.507	1.522	-0.705	-2.633
4131	41.30	-3.729	-3.614	-2.187	0.298	3.280	6.048	7.963	8.666	8.173	6.828
4141	41.40	5.133	3.530	2.242	1.227	0.268	-0.857	-2.225	-3.683	-4.906	-5.527
4151	41.50	-5.307	-4.251	-2.620	-0.841	0.647	1.546	1.795	1.563	1.162	0.914
4161	41.60	1.021	1.499	2.185	2.827	3.203	3.227	2.990	2.714	2.640	2.890
4171	41.70	3.378	3.805	3.769	2.940	1.232	-1.104	-3.530	-5.388	-6.144	-5.590
4181	41.80	-3.936	-1.765	0.271	1.499	1.634	0.763	-0.687	-2.117	-2.964	-2.878
4191	41.90	-1.821	-0.062	1.905	3.511	4.278	3.977	2.713	0.929	-0.720	-1.595
4201	42.00	-1.334	-0.051	1.628	2.762	2.467	0.334	-3.277	-7.259	-10.097	-10.458
4211	42.10	-7.776	-2.577	3.614	8.791	11.223	10.116	5.930	0.186	-5.132	-8.346
4221	42.20	-8.682	-6.461	-2.845	0.738	3.189	4.118	3.848	3.107	2.584	2.594
4231	42.30	2.974	3.261	2.993	1.981	0.407	-1.298	-2.685	-3.507	-3.801	-3.799
4241	42.40	-3.734	-3.662	-3.415	-2.700	-1.305	0.715	2.977	4.880	5.836	5.520
4251	42.50	4.011	1.776	-0.516	-2.246	-3.059	-2.955	-2.231	-1.316	-0.584	-0.209
4261	42.60	-0.138	-0.145	0.040	0.606	1.572	2.772	3.893	4.576	4.530	3.629
4271	42.70	1.978	-0.096	-2.123	-3.619	-4.237	-3.872	-2.693	-1.070	0.558	1.832
4281	42.80	2.569	2.766	2.519	1.913	0.956	-0.402	-2.166	-4.162	-5.972	-7.005
4291	42.90	-6.691	-4.752	-1.404	2.610	6.208	8.327	8.303	6.128	2.453	-1.648
4301	43.00	-5.076	-7.073	-7.426	-6.432	-4.674	-2.727	-0.949	0.567	1.883	3.048
4311	43.10	3.987	4.512	4.653	3.824	2.889	2.085	1.811	2.203	3.007	3.664
4321	43.20	3.566	2.374	0.236	-2.219	-4.135	-4.801	-3.979	-2.025	0.273	2.042
4331	43.30	2.701	2.185	0.918	-0.434	-1.295	-1.413	-0.911	-0.134	0.580	1.069
4341	43.40	1.365	1.559	1.632	1.381	0.516	-1.100	-3.224	-5.160	-5.964	-4.858
4351	43.50	-1.677	2.874	7.345	10.029	9.644	5.919	-0.202	-6.840	-11.849	-13.619
4361	43.60	-11.660	-6.747	-0.581	4.884	8.141	8.600	6.657	3.392	0.063	-2.369
4371	43.70	-3.510	-3.531	-2.943	-2.300	-1.947	-1.919	-1.989	-1.816	-1.120	0.185
4381	43.80	1.936	3.766	5.205	5.833	5.419	4.019	1.975	-0.189	-1.943	-2.945
4391	43.90	-3.170	-2.901	-2.587	-2.612	-3.101	-3.846	-4.410	-4.360	-3.511	-2.060
4401	44.00	-0.522	0.513	0.676	0.021	-0.976	-1.643	-1.445	-0.261	1.540	3.268
4411	44.10	4.244	4.121	3.038	1.524	0.209	-0.502	-0.619	-0.520	-0.705	-1.481
4421	44.20	-2.758	-4.071	-4.818	-4.582	-3.362	-1.591	0.075	1.094	1.298	0.944
4431	44.30	0.641	0.831	1.706	2.994	4.123	4.516	3.908	2.495	0.851	-0.355
4441	44.40	-0.687	-0.154	0.803	1.540	1.528	0.612	-0.926	-2.515	-3.568	-3.745
4451	44.50	-3.078	-1.918	-0.738	0.086	0.419	0.375	0.205	0.148	0.329	0.736
4461	44.60	1.285	1.895	2.535	3.204	3.868	4.411	4.642	4.376	3.555	2.328
4471	44.70	1.044	0.134	-0.074	0.479	1.524	2.548	2.996	2.510	1.088	-0.904
4481	44.80	-2.878	-4.264	-4.737	-4.326	-3.362	-2.296	-1.473	-0.972	-0.593	0.008
4491	44.90	1.104	2.701	4.475	5.862	6.292	5.448	3.436	0.791	-1.697	-3.272

Table 7-48-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1240 1317-GR-1-4 HA. (HA.) HIROO BRIDGE MAX. ACC. = -101.289 (GAL) T= 12.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-3.486	-2.357	-0.349	1.820	3.440	4.045	3.530	2.133	0.293	-1.511
4511	45.10	-2.896	-3.631	-3.640	-2.976	-1.805	-0.407	0.839	1.512	1.279	0.042
4521	45.20	-1.949	-4.109	-5.685	-6.043	-4.952	-2.737	-0.203	1.667	2.126	0.996
4531	45.30	-1.219	-3.543	-4.938	-4.774	-3.114	-0.685	1.457	2.408	1.834	0.112
4541	45.40	-1.858	-3.085	-2.952	-1.492	0.640	2.484	3.214	2.490	0.575	-1.834
4551	45.50	-3.934	-5.153	-5.322	-4.640	-3.470	-2.115	-0.695	0.822	2.466	4.110
4561	45.60	5.412	5.919	5.288	3.492	0.922	-1.701	-3.572	-4.094	-3.106	-0.930
4571	45.70	1.746	4.119	5.523	5.622	4.469	2.453	0.179	-1.694	-2.604	-2.226
4581	45.80	-0.573	1.959	4.650	6.625	7.121	5.766	2.770	-1.084	-4.666	-6.892
4591	45.90	-7.124	-5.422	-2.522	0.457	2.455	2.876	1.782	-0.195	-2.178	-3.430
4601	46.00	-3.642	-2.978	-1.907	-0.917	-0.278	0.039	0.251	0.554	0.952	1.229
4611	46.10	1.082	0.340	-0.872	-2.123	-2.859	-2.688	-1.614	-0.094	1.138	1.398
4621	46.20	0.393	-1.612	-3.880	-5.505	-5.806	-4.623	-2.374	0.128	2.031	2.791
4631	46.30	2.356	1.140	-0.210	-1.104	-1.232	-0.635	0.390	1.475	2.343	2.898
4641	46.40	3.187	3.308	3.319	3.204	2.912	2.427	1.825	1.264	0.916	0.872
4651	46.50	1.082	1.362	1.479	1.269	0.736	0.076	-0.385	-0.315	0.483	1.972
4661	46.60	3.859	5.661	6.820	6.861	5.528	2.879	-0.690	-4.502	-7.742	-9.667
4671	46.70	-9.818	-8.186	-5.247	-1.853	1.029	2.625	2.624	1.278	-0.689	-2.364
4681	46.80	-2.987	-2.241	-0.354	2.003	3.991	4.917	4.474	2.814	0.449	-1.958
4691	46.90	-3.809	-4.721	-4.569	-3.450	-1.608	0.615	2.813	4.546	5.401	5.105
4701	47.00	3.641	1.331	-1.195	-3.169	-3.931	-3.186	-1.138	1.560	4.028	5.475
4711	47.10	5.479	4.117	1.896	-0.461	-2.283	-3.161	-3.016	-2.042	-0.566	1.074
4721	47.20	2.601	3.797	4.473	4.469	3.702	2.244	0.374	-1.446	-2.708	-3.042
4731	47.30	-2.383	-1.029	0.465	1.502	1.695	1.026	-0.158	-1.303	-1.906	-1.731
4741	47.40	-0.901	0.180	1.023	1.264	0.802	-0.209	-1.470	-2.700	-3.739	-4.555
4751	47.50	-5.159	-5.493	-5.376	-4.552	-2.833	-0.268	2.768	5.614	7.518	7.903
4761	47.60	6.603	3.959	0.731	-2.158	-3.935	-4.246	-3.259	-1.579	-0.005	0.771
4771	47.70	0.422	-0.908	-2.667	-4.108	-4.576	-3.752	-1.787	0.735	2.985	4.177
4781	47.80	3.846	2.037	-0.689	-3.412	-5.156	-5.217	-3.414	-0.168	3.626	6.892
4791	47.90	8.725	8.681	6.906	4.046	0.997	-1.424	-2.744	-2.958	-2.458	-1.824
4801	48.00	-1.559	-1.889	-2.692	-3.575	-4.061	-3.787	-2.641	-0.793	1.378	3.423
4811	48.10	4.948	5.707	5.617	4.748	3.278	1.474	-0.334	-1.789	-2.576	-2.516
4821	48.20	-1.661	-0.333	0.952	1.644	1.386	0.200	-1.471	-2.894	-3.337	-2.394
4831	48.30	-0.223	2.472	4.660	5.402	4.241	1.429	-2.149	-5.311	-7.039	-6.876
4841	48.40	-5.074	-2.441	0.027	1.575	1.959	1.466	0.690	0.183	0.189	0.554
4851	48.50	0.875	0.764	0.092	-0.933	-1.886	-2.368	-2.240	-1.689	-1.116	-0.875
4861	48.60	-1.046	-1.352	-1.303	-0.490	1.130	3.115	4.677	5.030	3.776	1.145
4871	48.70	-2.060	-4.781	-6.163	-5.907	-4.377	-2.386	-0.796	-0.118	-0.317	-0.900
4881	48.80	-1.239	-0.936	-0.041	0.982	1.529	1.204	0.056	-1.425	-2.544	-2.758
4891	48.90	-1.941	-0.447	1.080	2.033	2.126	1.501	0.591	-0.152	-0.525	-0.670
4901	49.00	-0.954	-1.694	-2.891	-4.134	-4.747	-4.114	-2.037	1.085	4.336	6.629
4911	49.10	7.147	5.692	2.776	-0.583	-3.269	-4.688	-4.040	-2.319	-0.091	1.842
4921	49.20	2.936	3.048	2.391	1.366	0.366	-0.357	-0.736	-0.844	-0.820	-0.811
4931	49.30	-0.940	-1.281	-1.845	-2.547	-3.186	-3.469	-3.096	-1.892	0.068	2.412
4941	49.40	4.544	5.834	5.850	4.549	2.323	-0.127	-2.043	-2.883	-2.514	-1.232
4951	49.50	0.384	1.722	2.374	2.273	1.678	1.028	0.740	1.035	1.859	2.915
4961	49.60	3.785	4.082	3.584	2.310	0.523	-1.337	-2.765	-3.330	-2.810	-1.274
4971	49.70	0.899	3.108	4.697	5.170	4.366	2.541	0.289	-1.657	-2.695	-2.581
4981	49.80	-1.516	-0.053	1.141	1.568	1.111	0.071	-0.983	-1.475	-1.096	0.051
4991	49.90	1.492	2.594	2.843	2.071	0.527	-1.241	-2.629	-3.230	-2.998	-2.224

Table 7-48-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1240 1317-GR-1-4 HA. (HA.) HIROO BRIDGE MAX. ACC. = -101.289 (GAL) T= 12.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.380	-0.872	-0.858	-1.183	-1.484	-1.392	-0.741	0.325	1.388	1.938
5011	50.10	1.598	0.313	-1.608	-3.586	-4.993	-5.381	-4.646	-3.057	-1.137	0.525
5021	50.20	1.491	1.601	1.005	0.071	-0.770	-1.181	-1.036	-0.441	0.320	0.911
5031	50.30	1.068	0.710	-0.041	-0.893	-1.504	-1.608	-1.124	-0.197	0.853	1.646
5041	50.40	1.886	1.478	0.556	-0.565	-1.524	-2.047	-2.041	-1.601	-0.939	-0.268
5051	50.50	0.289	0.734	1.152	1.624	2.156	2.658	2.990	3.052	2.858	2.548
5061	50.60	2.326	2.342	2.599	2.922	3.031	2.678	1.788	0.527	-0.740	-1.598
5071	50.70	-1.759	-1.193	-0.149	0.942	1.648	1.698	1.070	-0.024	-1.254	-2.303
5081	50.80	-2.964	-3.170	-2.951	-2.376	-1.503	-0.392	0.867	2.113	3.122	3.667
5091	50.90	3.611	2.985	2.007	1.019	0.361	0.239	0.646	1.366	2.077	2.482
5101	51.00	2.440	2.011	1.425	0.972	0.875	1.199	1.824	2.504	2.967	3.029
5111	51.10	2.665	2.013	1.313	0.805	0.622	0.724	0.907	0.884	0.406	-0.618
5121	51.20	-2.049	-3.549	-4.680	-5.072	-4.562	-3.265	-1.540	0.140	1.364	1.917
5131	51.30	1.839	1.367	0.817	0.435	0.318	0.398	0.510	0.490	0.250	-0.200
5141	51.40	-0.777	-1.378	-1.917	-2.330	-2.566	-2.561	-2.262	-1.660	-0.845	-0.011
5151	51.50	0.583	0.719	0.329	-0.445	-1.288	-1.838	-1.851	-1.326	-0.522	0.160
5161	51.60	0.365	-0.046	-0.917	-1.872	-2.499	-2.545	-2.040	-1.278	-0.659	-0.488
5171	51.70	-0.819	-1.432	-1.943	-1.998	-1.448	-0.417	0.757	1.685	2.098	1.952
5181	51.80	1.420	0.783	0.290	0.048	-0.001	-0.021	-0.175	-0.535	-1.040	-1.519
5191	51.90	-1.759	-1.640	-1.094	-0.230	0.739	1.541	1.924	1.727	0.939	-0.273
5201	52.00	-1.600	-2.670	-3.171	-2.961	-2.135	-0.998	0.042	0.635	0.628	0.114
5211	52.10	-0.613	-1.198	-1.381	-1.105	-0.512	0.136	0.590	0.717	0.521	0.094
5221	52.20	-0.473	-1.147	-1.941	-2.851	-3.772	-4.475	-4.672	-4.150	-2.909	-1.222
5231	52.30	0.437	1.567	1.853	1.307	0.261	-0.783	-1.380	-1.331	-0.746	0.035
5241	52.40	0.644	0.861	0.716	0.437	0.305	0.488	0.947	1.464	1.763	1.655
5251	52.50	1.128	0.335	-0.495	-1.180	-1.647	-1.922	-2.063	-2.076	-1.901	-1.455
5261	52.60	-0.726	0.152	0.917	1.281	1.081	0.396	-0.444	-0.982	-0.845	0.069
5271	52.70	1.506	2.945	3.806	3.705	2.621	0.913	-0.831	-2.030	-2.339	-1.759
5281	52.80	-0.609	0.629	1.504	1.743	1.313	0.385	-0.767	-1.868	-2.711	-3.190
5291	52.90	-3.284	-3.044	-2.566	-1.980	-1.424	-1.017	-0.822	-0.827	-0.942	-1.035
5301	53.00	-0.984	-0.727	-0.286	0.239	0.713	1.010	1.059	0.865	0.502	0.098
5311	53.10	-0.190	-0.207	0.166	0.968	2.128	3.451	4.646	5.399	5.476	4.814
5321	53.20	3.562	2.051	0.683	-0.202	-0.445	-0.110	0.559	1.245	1.687	1.758
5331	53.30	1.479	0.971	0.379	-0.192	-0.688	-1.083	-1.337	-1.385	-1.157	-0.637
5341	53.40	0.096	0.862	1.440	1.663	1.504	1.116	0.772	0.750	1.195	2.038
5351	53.50	3.002	3.709	3.839	3.265	2.119	0.742	-0.450	-1.118	-1.122	-0.558
5361	53.60	0.303	1.117	1.598	1.589	1.092	0.233	-0.789	-1.760	-2.487	-2.824
5371	53.70	-2.686	-2.072	-1.085	0.072	1.121	1.783	1.872	1.374	0.474	-0.486
5381	53.80	-1.127	-1.181	-0.603	0.397	1.432	2.098	2.157	1.650	0.898	0.365
5391	53.90	0.452	1.296	2.681	4.099	4.950	4.799	3.575	1.613	-0.464	-2.009
5401	54.00	-2.610	-2.259	-1.336	-0.420	-0.020	-0.341	-1.193	-2.087	-2.464	-1.955
5411	54.10	-0.560	1.367	3.161	4.286	4.359	3.365	1.614	-0.396	-2.156	-3.301
5421	54.20	-3.673	-3.319	-2.426	-1.256	-0.090	0.807	1.225	1.049	0.309	-0.798
5431	54.30	-1.931	-2.690	-2.748	-1.972	-0.488	1.343	3.043	4.181	4.511	4.043
5441	54.40	3.016	1.790	0.719	0.037	-0.182	-0.014	0.379	0.814	1.142	1.267
5451	54.50	1.162	0.855	0.423	-0.025	-0.372	-0.536	-0.492	-0.291	-0.037	0.162
5461	54.60	0.253	0.270	0.328	0.559	1.036	1.706	2.382	2.800	2.727	2.065
5471	54.70	0.909	-0.444	-1.694	-2.458	-2.583	-2.091	-1.186	-0.164	0.680	1.134
5481	54.80	1.113	0.652	-0.116	-0.999	-1.782	-2.262	-2.293	-1.825	-0.946	0.124
5491	54.90	1.066	1.561	1.399	0.567	-0.717	-2.071	-3.079	-3.447	-3.126	-2.333

Table 7-48-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1240 1317-GR-1-4 HA. (HA.) HIROO BRIDGE MAX. ACC. = -101.289 (GAL) T= 12.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.476	-0.984	-1.126	-1.889	-2.969	-3.874	-4.122	-3.436	-1.869	0.192
5511	55.10	2.152	3.415	3.590	2.628	0.833	-1.256	-3.050	-4.111	-4.274	-3.669
5521	55.20	-2.636	-1.579	-0.815	-0.482	-0.522	-0.748	-0.932	-0.904	-0.593	-0.038
5531	55.30	0.650	1.327	1.850	2.098	1.977	1.440	0.507	-0.711	-2.005	-3.099
5541	55.40	-3.724	-3.705	-3.044	-1.942	-0.756	0.119	0.378	-0.080	-1.122	-2.435
5551	55.50	-3.666	-4.464	-4.771	-4.640	-4.267	-3.855	-3.505	-3.172	-2.698	-1.918
5561	55.60	-0.778	0.592	1.884	2.719	2.806	2.076	0.754	-0.703	-1.768	-2.046
5571	55.70	-1.446	-0.227	1.091	1.930	1.897	0.946	-0.598	-2.176	-3.229	-3.440
5581	55.80	-2.863	-1.878	-1.005	-0.641	-0.865	-1.393	-1.717	-1.372	-0.196	1.537
5591	55.90	3.189	4.017	3.510	1.644	-1.055	-3.694	-5.352	-5.450	-3.974	-1.477
5601	56.00	1.164	3.095	3.809	3.298	1.986	0.490	-0.663	-1.237	-1.326	-1.225
5611	56.10	-1.228	-1.461	-1.830	-2.103	-2.070	-1.677	-1.066	-0.488	-0.149	-0.076
5621	56.20	-0.084	0.118	0.747	1.776	2.880	3.547	3.307	1.990	-0.139	-2.422
5631	56.30	-4.046	-4.376	-3.222	-0.941	1.700	3.826	4.797	4.444	3.097	1.403
5641	56.40	0.039	-0.563	-0.344	0.432	1.363	2.120	2.583	2.832	3.034	3.291
5651	56.50	3.547	3.611	3.279	2.481	1.363	0.259	-0.455	-0.543	-0.026	0.810
5661	56.60	1.551	1.850	1.591	0.946	0.282	-0.015	0.264	1.051	2.024	2.755
5671	56.70	2.898	2.340	1.239	-0.041	-1.081	-1.558	-1.347	-0.534	0.642	1.880
5681	56.80	2.915	3.571	3.787	3.604	3.140	2.556	2.011	1.623	1.437	1.413
5691	56.90	1.448	1.414	1.220	0.846	0.346	-0.186	-0.670	-1.078	-1.437	-1.790
5701	57.00	-2.141	-2.426	-2.521	-2.314	-1.776	-1.014	-0.244	0.300	0.481	0.345
5711	57.10	0.111	0.073	0.440	1.211	2.149	2.881	3.077	2.632	1.745	0.853
5721	57.20	0.434	0.785	1.866	3.311	4.583	5.219	5.033	4.185	3.087	2.191
5731	57.30	1.782	1.859	2.177	2.415	2.363	2.041	1.674	1.544	1.800	2.335
5741	57.40	2.809	2.806	2.067	0.656	-1.008	-2.302	-2.663	-1.844	-0.047	2.133
5751	57.50	3.941	4.759	4.344	2.912	1.024	-0.656	-1.633	-1.756	-1.237	-0.520
5761	57.60	-0.059	-0.124	-0.698	-1.517	-2.210	-2.472	-2.194	-1.493	-0.640	0.066
5771	57.70	0.425	0.404	0.130	-0.188	-0.358	-0.281	0.024	0.450	0.861	1.155
5781	57.80	1.298	1.313	1.255	1.172	1.074	0.942	0.737	0.428	0.013	-0.485
5791	57.90	-1.016	-1.514	-1.905	-2.107	-2.035	-1.623	-0.850	0.228	1.457	2.602
5801	58.00	3.403	3.650	3.262	2.332	1.111	-0.067	-0.891	-1.183	-0.949	-0.375
5811	58.10	0.252	0.653	0.654	0.241	-0.452	-1.212	-1.829	-2.176	-2.239	-2.100
5821	58.20	-1.886	-1.707	-1.615	-1.593	-1.583	-1.531	-1.431	-1.339	-1.366	-1.633
5831	58.30	-2.214	-3.093	-4.138	-5.130	-5.811	-5.972	-5.519	-4.524	-3.210	-1.895
5841	58.40	-0.894	-0.426	-0.540	-1.113	-1.900	-2.628	-3.091	-3.218	-3.073	-2.805
5851	58.50	-2.567	-2.444	-2.427	-2.437	-2.388	-2.258	-2.117	-2.101	-2.348	-2.913
5861	58.60	-3.717	-4.566	-5.221	-5.505	-5.389	-5.017	-4.642	-4.512	-4.749	-5.274
5871	58.70	-5.832	-6.095	-5.812	-4.933	-3.657	-2.373	-1.517	-1.412	-2.144	-3.534
5881	58.80	-5.203	-6.711	-7.703	-8.015	-7.697	-6.975	-6.160	-5.550	-5.362	-5.688
5891	58.90	-6.485	-7.590	-8.737	-9.598	-9.843	-9.217	-7.620	-5.165	-2.175	0.883

Table 7-49-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1241 1317-GR-1-4 U-D (U-D) HIROO BRIDGE MAX. ACC. = -42.666 (GAL) T= 15.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-2.555	-2.801	-3.082	-3.792	-4.988	-6.310	-7.155	-6.998	-5.693	-3.593
11	0.10	-1.410	0.112	0.534	-0.094	-1.305	-2.486	-3.198	-3.375	-3.295	-3.387
21	0.20	-3.947	-4.973	-6.177	-7.159	-7.622	-7.506	-6.972	-6.270	-5.594	-5.019
31	0.30	-4.569	-4.322	-4.466	-5.216	-6.603	-8.288	-9.527	-9.403	-7.254	-3.102
41	0.40	2.170	7.034	9.903	9.820	6.934	2.481	-1.739	-4.172	-4.207	-2.411
51	0.50	-0.182	1.028	0.511	-1.296	-3.016	-3.063	-0.528	4.238	9.646	13.524
61	0.60	14.082	10.740	4.420	-2.822	-8.642	-11.349	-10.502	-6.961	-2.409	1.377
71	0.70	3.189	2.707	0.440	-2.610	-5.357	-6.958	-6.974	-5.408	-2.682	0.435
81	0.80	2.956	3.909	2.668	-0.729	-5.435	-9.961	-12.676	-12.471	-9.307	-4.347
91	0.90	0.447	3.131	2.665	-0.546	-4.764	-7.650	-7.332	-3.306	3.258	9.970
101	1.00	14.253	14.477	10.682	4.554	-1.333	-4.659	-4.343	-0.952	3.652	7.218
111	1.10	8.140	6.134	2.272	-1.597	-3.754	-3.388	-0.923	2.247	4.437	4.449
121	1.20	2.080	-1.825	-5.765	-8.223	-8.250	-5.776	-1.568	3.103	6.909	8.856
131	1.30	8.519	6.096	2.318	-1.728	-4.842	-5.998	-4.655	-1.010	3.922	8.498
141	1.40	10.949	10.046	5.698	-0.817	-7.173	-10.842	-10.161	-5.179	2.158	8.652
151	1.50	11.146	7.942	-0.294	-10.608	-18.871	-21.507	-17.091	-7.073	4.739	13.773
161	1.60	16.671	12.758	4.328	-4.427	-9.355	-8.257	-1.898	6.388	12.289	12.582
171	1.70	6.689	-3.017	-12.274	-16.883	-14.618	-6.224	4.946	14.445	18.677	16.382
181	1.80	9.018	-0.057	-7.147	-9.789	-7.625	-2.282	3.586	7.560	8.427	6.490
191	1.90	3.177	0.252	-0.965	-0.040	2.577	5.873	8.704	10.142	9.664	7.220
201	2.00	3.243	-1.394	-5.511	-7.916	-7.817	-5.236	-1.177	2.612	4.300	2.815
211	2.10	-1.516	-6.899	-10.721	-10.693	-6.005	2.087	10.580	15.915	15.533	9.120
221	2.20	-1.078	-11.057	-16.672	-15.381	-7.350	4.554	15.881	22.343	21.438	13.325
231	2.30	0.638	-12.592	-22.402	-26.182	-23.327	-15.162	-4.294	6.269	13.933	17.079
241	2.40	15.324	9.526	1.566	-6.082	-10.959	-11.329	-6.787	1.471	10.902	18.393
251	2.50	21.348	18.657	11.159	1.367	-7.477	-12.612	-12.763	-8.504	-1.880	4.525
261	2.60	8.608	9.447	7.398	3.662	-0.395	-3.810	-6.232	-7.754	-8.564	-8.678
271	2.70	-7.926	-6.173	-3.604	-0.833	1.277	2.019	1.250	-0.453	-2.018	-2.396
281	2.80	-1.126	-1.379	3.988	5.388	4.747	2.145	-1.450	-4.663	-6.383	-6.295
291	2.90	-4.976	-3.514	-2.869	-3.324	-4.332	-4.847	-3.958	-1.478	1.849	4.659
301	3.00	5.641	4.236	0.979	-2.706	-5.166	-5.311	-3.129	0.335	3.519	5.135
311	3.10	4.793	3.146	1.495	1.062	2.316	4.696	6.889	7.497	5.768	2.008
321	3.20	-2.522	-6.175	-7.663	-6.616	-3.688	-0.197	2.520	3.691	3.365	2.252
331	3.30	1.251	0.945	1.317	1.812	1.690	0.458	-1.850	-4.685	-7.258	-8.915
341	3.40	-9.419	-8.987	-8.094	-7.170	-6.362	-5.507	-4.304	-2.591	-0.530	1.395
351	3.50	2.612	2.791	2.085	1.141	0.830	1.809	4.135	7.115	9.533	10.142
361	3.60	8.257	4.142	-0.981	-5.345	-7.327	-6.118	-2.100	3.256	7.932	10.144
371	3.70	9.032	4.992	-0.496	-5.465	-8.234	-8.045	-5.309	-1.378	2.051	3.637
381	3.80	2.918	0.439	-2.532	-4.573	-4.709	-2.804	0.416	3.680	5.696	5.663
391	3.90	3.465	-0.155	-4.080	-7.140	-8.517	-7.966	-5.811	-2.765	0.340	2.803
401	4.00	4.218	4.525	3.949	2.886	1.768	0.937	0.562	0.610	0.883	1.101
411	4.10	1.025	0.557	-0.207	-1.020	-1.594	-1.737	-1.457	-0.966	-0.584	-0.573
421	4.20	-0.987	-1.624	-2.098	-2.022	-1.210	0.214	1.837	3.137	3.708	3.447
431	4.30	2.589	1.583	0.860	0.619	0.729	0.816	0.472	-0.493	-1.908	-3.264
441	4.40	-3.910	-3.341	-1.432	1.464	4.610	7.133	8.301	7.759	5.612	2.368
451	4.50	-1.229	-4.410	-6.561	-7.349	-6.757	-5.052	-2.696	-0.212	1.953	3.539
461	4.60	4.517	5.041	5.325	5.496	5.499	5.110	4.074	2.304	0.034	-2.177
471	4.70	-3.620	-3.751	-2.494	-0.359	1.701	2.692	2.055	0.001	-2.486	-4.935
481	4.80	-3.517	-0.641	3.765	7.963	9.966	8.385	3.104	-4.535	-12.135	-17.120
491	4.90	-17.721	-13.665	-6.308	1.876	6.212	10.799	9.140	4.233	-1.907	-7.053

Table 7-49-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1241 1317-GR-1-4 U-D (U-D) HIROO BRIDGE MAX. ACC. = -42.666 (GAL) T= 15.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-9.564	-8.895	-5.641	-1.176	2.940	5.521	6.089	4.899	2.699	0.361
511	5.10	-1.445	-2.444	-2.750	-2.730	-2.788	-3.137	-3.951	-4.872	-5.603	-5.801
521	5.20	-5.258	-3.984	-2.212	-0.317	1.311	2.405	2.910	2.982	2.888	2.862
531	5.30	2.965	3.042	2.802	1.997	0.629	-0.947	-2.082	-2.076	-0.509	2.483
541	5.40	6.144	9.306	10.819	10.027	7.081	2.930	-1.039	-3.549	-3.951	-2.456
551	5.50	0.015	2.290	3.494	3.411	2.480	1.458	0.930	0.960	1.079	0.643
561	5.60	-0.656	-2.423	-3.619	-3.056	-0.150	4.503	9.085	11.170	8.828	1.683
571	5.70	-8.570	-18.567	-24.493	-23.648	-15.681	-2.895	10.560	20.288	23.367	19.643
581	5.80	10.712	0.855	-6.591	-9.659	-8.564	-5.273	-2.326	-1.508	-3.037	-5.610
591	5.90	-7.240	-6.394	-2.855	2.130	6.465	8.258	6.750	2.699	-1.996	-5.195
601	6.00	-5.512	-2.935	1.204	4.866	6.219	4.412	-0.101	-5.807	-10.766	-13.357
611	6.10	-12.819	-9.423	-4.271	1.139	5.400	7.569	7.358	5.122	1.704	-1.824
621	6.20	-4.446	-5.477	-4.738	-2.592	0.186	2.683	4.158	4.284	3.229	1.532
631	6.30	-0.144	-1.283	-1.676	-1.425	-0.802	-0.068	0.652	1.375	2.161	2.999
641	6.40	3.753	4.210	4.211	3.767	3.083	2.463	2.144	2.152	2.275	2.176
651	6.50	1.596	0.516	-0.803	-1.951	-2.576	-2.572	-2.106	-1.476	-0.876	-0.221
661	6.60	0.845	2.714	5.480	8.677	11.296	12.122	10.282	5.751	-0.450	-6.519
671	6.70	-10.525	-11.188	-8.430	-3.437	1.832	5.462	6.384	4.772	1.877	-0.630
681	6.80	-1.469	-0.348	1.951	4.013	4.527	2.953	-0.218	-3.730	-6.196	-6.781
691	6.90	-5.580	-3.508	-1.769	-1.204	-1.848	-2.950	-3.426	-2.508	-0.222	2.564
701	7.00	4.562	4.752	2.956	-0.014	-2.726	-3.858	-2.895	-0.432	2.101	3.160
711	7.10	1.903	-1.331	-5.137	-7.712	-7.751	-5.108	-0.894	3.064	5.106	4.546
721	7.20	1.973	-1.090	-2.984	-2.751	-0.592	2.305	4.428	4.760	3.299	1.017
731	7.30	-0.707	-0.862	0.628	2.861	4.442	4.239	1.994	-1.536	-4.967	-7.008
741	7.40	-7.098	-5.643	-3.726	-2.477	-2.451	-3.358	-4.286	-4.272	-2.900	-0.575
751	7.50	1.669	2.731	2.055	-0.047	-2.543	-4.217	-4.310	-2.899	-0.837	0.734
761	7.60	1.002	-0.082	-1.809	-3.131	-3.255	-2.095	-0.314	1.047	1.169	-0.067
771	7.70	-1.971	-3.377	-3.239	-1.192	2.234	5.827	8.242	8.596	6.817	3.610
781	7.80	0.074	-2.789	-4.446	-4.906	-4.521	-3.664	-2.507	-1.010	0.880	2.986
791	7.90	4.783	5.533	4.622	1.947	-1.877	-5.627	-7.902	-7.679	-4.775	0.031
801	8.00	5.260	9.297	11.003	10.116	7.288	3.757	0.802	-0.768	-0.871	-0.087
811	8.10	0.697	0.736	-0.231	-1.893	-3.554	-4.501	-4.355	-3.256	-1.787	-0.678
821	8.20	-0.441	-1.101	-2.168	-2.863	-2.504	-0.868	1.643	4.127	5.549	5.212
831	8.30	3.087	-0.119	-3.230	-5.084	-5.020	-3.156	-0.336	2.249	3.568	3.191
841	8.40	1.441	-0.783	-2.436	-2.798	-1.772	0.122	2.023	3.155	3.167	2.251
851	8.50	0.984	-0.007	-0.369	-0.183	0.137	0.124	-0.423	-1.266	-1.807	-1.393
861	8.60	0.300	3.010	5.890	7.822	7.897	5.857	2.283	-1.577	-4.297	-4.860
871	8.70	-3.097	0.215	3.671	5.813	5.733	3.431	-0.228	-3.923	-6.461	-7.266
881	8.80	-6.553	-5.114	-3.840	-3.232	-3.147	-2.908	-1.738	0.734	4.138	7.430
891	8.90	9.317	8.892	6.134	2.025	-1.807	-3.785	-3.097	-0.091	3.860	6.960
901	9.00	7.814	6.074	2.611	-0.881	-2.656	-1.726	1.679	6.196	9.919	11.217
911	9.10	9.405	4.990	-0.601	-5.639	-8.773	-9.466	-8.036	-5.352	-2.375	0.213
921	9.20	2.141	3.442	4.231	4.537	4.295	3.484	2.294	1.173	0.690	1.241
931	9.30	2.784	4.731	6.129	6.049	4.029	0.335	-4.088	-7.980	-10.279	-10.553
941	9.40	-9.134	-6.918	-4.927	-3.858	-3.830	-4.436	-5.047	-5.185	-4.762	-4.074
951	9.50	-3.569	-3.532	-3.890	-4.234	-4.067	-3.113	-1.533	0.117	1.145	1.092
961	9.60	0.002	-1.558	-2.748	-2.847	-1.611	0.620	3.082	4.960	5.764	5.532
971	9.70	4.753	4.076	3.947	4.389	5.010	5.229	4.596	3.024	0.822	-1.466
981	9.80	-3.326	-4.680	-4.947	-4.932	-4.651	-4.202	-3.564	-2.720	-1.793	-1.096
991	9.90	-1.012	-1.767	-3.217	-4.793	-5.687	-5.221	-3.218	-0.185	2.830	4.666

Table 7-49-3

TABLE OF CORRECTED ACCELERATION RECORD

NO. 3

INDEX NO. 1241 1317-GR-1-4 U-D (U-D) HIROO BRIDGE MAX. ACC. = -42.666 (GAL) T= 15.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	4.587	2.654	-0.245	-2.757	-3.667	-2.443	0.509	4.039	6.772	7.727
1011	10.10	6.746	4.510	2.183	0.837	0.961	2.261	3.866	4.671	4.014	1.765
1021	10.20	-1.586	-5.215	-8.317	-10.359	-11.141	-10.674	-9.030	-6.275	-2.561	1.693
1031	10.30	5.686	8.329	8.591	5.978	0.913	-5.212	-10.421	-12.878	-11.655	-7.196
1041	10.40	-1.231	3.876	6.091	4.567	0.009	-5.631	-10.024	-11.483	-9.696	-5.810
1051	10.50	-1.842	0.308	-0.239	-2.947	-6.180	-8.068	-7.485	-4.646	-1.011	1.481
1061	10.60	1.482	-0.953	-4.238	-5.944	-4.006	2.101	10.831	18.977	22.935	20.278
1071	10.70	10.951	-2.472	-15.666	-24.072	-24.835	-17.708	-5.181	8.574	19.336	24.379
1081	10.80	23.289	17.783	10.708	4.725	1.281	0.288	0.568	0.744	0.093	-1.058
1091	10.90	-1.594	-0.332	3.183	8.248	13.179	16.033	15.538	11.769	6.224	1.217
1101	11.00	-1.147	0.036	3.977	8.470	10.833	9.134	3.147	-5.397	-13.424	-17.748
1111	11.10	-16.423	-9.615	0.388	10.040	15.938	16.151	10.917	2.447	-6.062	-11.754
1121	11.20	-13.174	-10.652	-5.893	-1.040	2.295	3.582	3.297	2.344	1.367	0.367
1131	11.30	-1.165	-3.688	-7.000	-9.982	-10.946	-8.469	-2.312	6.111	14.028	18.359
1141	11.40	17.065	10.175	-0.047	-9.933	-15.910	-16.000	-10.621	-2.326	5.415	9.797
1151	11.50	9.887	6.893	3.398	1.947	3.709	7.870	12.042	13.488	10.540	3.518
1161	11.60	-5.315	-12.734	-16.008	-14.128	-8.233	-1.038	4.649	6.312	4.556	1.012
1171	11.70	-1.630	-1.179	2.942	9.349	15.276	17.822	15.277	7.958	-1.847	-10.788
1181	11.80	-15.825	-15.474	-10.394	-3.084	3.175	5.676	3.370	-2.756	-10.143	-15.749
1191	11.90	-17.289	-14.124	-7.440	0.307	6.428	9.061	7.812	3.761	-1.148	-4.996
1201	12.00	-6.672	-6.204	-4.541	-2.943	-2.290	-2.663	-3.383	-3.454	-2.166	0.468
1211	12.10	3.668	6.259	7.256	6.358	4.080	1.451	-0.544	-1.492	-1.723	-2.034
1221	12.20	-3.091	-4.855	-6.382	-6.181	-3.010	3.279	11.297	18.416	21.748	19.425
1231	12.30	11.586	0.564	-9.897	-16.091	-15.861	-9.478	0.502	10.349	16.715	17.940
1241	12.40	14.526	8.632	2.906	-0.747	-1.865	-1.330	-0.628	-0.945	-2.596	-5.065
1251	12.50	-7.520	-9.422	-10.798	-12.006	-13.176	-13.758	-12.588	-8.565	-1.626	6.597
1261	12.60	12.950	13.924	7.365	-6.084	-22.633	-36.465	-41.970	-36.162	-20.148	1.078
1271	12.70	20.521	31.916	32.118	22.095	6.172	-10.029	-21.903	-27.380	-27.065	-23.166
1281	12.80	-17.956	-12.673	-7.355	-1.567	4.627	10.138	13.194	12.373	7.672	0.917
1291	12.90	-4.875	-6.920	-4.132	2.183	8.875	12.498	11.082	5.189	-2.354	-7.911
1301	13.00	-8.948	-5.372	0.408	4.751	4.721	-0.331	-8.365	-15.641	-18.582	-15.543
1311	13.10	-7.604	2.003	9.489	12.293	10.178	5.140	0.273	-1.784	-0.025	4.639
1321	13.20	10.006	13.710	14.235	11.381	6.096	-0.082	-5.598	-9.192	-9.950	-7.280
1331	13.30	-1.011	8.310	19.141	28.961	34.807	34.255	26.491	12.942	-2.919	-16.627
1341	13.40	-24.263	-23.859	-16.059	-3.792	8.877	18.185	21.801	19.262	11.680	1.015
1351	13.50	-10.633	-21.445	-29.925	-34.784	-34.929	-29.705	-19.321	-5.195	10.096	23.370
1361	13.60	31.787	33.792	29.663	21.366	11.775	3.586	-1.629	-3.819	-4.187	-4.624
1371	13.70	-5.811	-8.610	-11.965	-14.317	-14.111	-10.464	-3.542	5.463	14.700	22.185
1381	13.80	26.297	25.125	21.612	13.547	3.419	-6.818	-15.071	-19.526	-19.089	-13.741
1391	13.90	-4.683	5.843	15.077	20.481	20.487	15.002	5.489	-5.439	-14.770	-19.975
1401	14.00	-19.708	-14.146	-4.849	5.744	15.036	20.957	22.444	19.612	13.617	6.280
1411	14.10	-0.422	-4.878	-6.243	-4.653	-1.150	2.642	5.052	4.914	1.969	-3.050
1421	14.20	-8.702	-13.379	-15.894	-15.869	-13.758	-10.528	-7.153	-4.197	-1.683	0.711
1431	14.30	3.265	5.885	8.038	9.009	8.329	6.113	3.102	0.340	-1.322	-1.634
1441	14.40	-1.004	-0.174	0.284	0.336	0.456	1.182	2.537	3.709	3.299	0.109
1451	14.50	-5.911	-13.128	-18.544	-19.001	-12.754	-0.694	13.559	24.858	28.628	22.912
1461	14.60	9.390	-7.185	-20.938	-27.331	-25.000	-16.128	-5.224	3.048	5.921	3.492
1471	14.70	-1.761	-6.531	-8.420	-6.957	-3.453	0.076	2.205	2.833	2.963	3.747
1481	14.80	5.452	7.055	6.774	3.263	-3.236	-10.562	-15.408	-14.917	-8.267	2.612
1491	14.90	13.668	20.452	20.123	12.739	1.197	-10.130	-17.376	-18.777	-15.140	-9.048

Table 7-49-4

TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 1241 1317-GR-1-4 U-D (U-D) HIROO BRIDGE MAX. ACC. = -42.666 (GAL) T= 15.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-3.298	0.538	2.689	4.653	7.944	12.872	18.082	21.122	19.747	13.262
1511	15.10	3.159	-7.293	-14.363	-15.442	-10.162	-0.566	9.733	16.978	18.680	14.438
1521	15.20	5.940	-3.723	-11.425	-14.586	-12.404	-5.830	2.675	9.842	12.554	8.847
1531	15.30	-1.307	-15.719	-30.402	-40.670	-42.666	-34.801	-18.540	1.852	20.603	32.356
1541	15.40	33.999	25.701	10.734	-5.817	-18.928	-25.345	-24.472	-18.177	-9.709	-2.260
1551	15.50	2.213	3.470	2.701	1.706	1.980	4.074	7.450	10.798	12.611	11.787
1561	15.60	8.035	2.015	-4.810	-10.554	-13.434	-12.328	-7.224	0.614	8.876	14.853
1571	15.70	16.330	12.449	4.160	-5.957	-14.526	-18.579	-16.678	-9.475	0.532	9.974
1581	15.80	15.901	16.854	13.276	7.123	0.902	-3.395	-4.978	-4.298	-2.512	-0.723
1591	15.90	0.578	1.580	2.749	4.249	5.584	5.729	3.740	-0.509	-5.887	-10.223
1601	16.00	-11.179	-7.416	0.520	10.096	17.635	19.806	15.123	4.752	-7.789	-17.964
1611	16.10	-22.027	-18.530	-8.874	3.326	13.752	19.100	18.259	12.492	4.636	-2.253
1621	16.20	-6.148	-6.675	-4.925	-2.650	-1.317	-1.465	-2.639	-3.815	-4.042	-2.937
1631	16.30	-0.816	1.563	3.400	4.237	4.065	3.198	2.027	0.816	-0.333	-1.378
1641	16.40	-2.198	-2.545	-2.139	-0.851	1.151	3.411	5.368	6.632	7.186	7.391
1651	16.50	7.763	8.630	9.855	10.793	10.540	8.370	4.157	-1.427	-7.069	-11.248
1661	16.60	-12.805	-11.366	-7.471	-2.362	2.478	5.819	7.030	6.164	3.806	0.786
1671	16.70	-2.105	-4.285	-5.428	-5.436	-4.385	-2.522	-0.274	1.755	2.885	2.560
1681	16.80	0.491	-2.977	-7.047	-10.579	-12.478	-12.100	-9.512	-5.482	-1.185	2.270
1691	16.90	4.278	4.935	4.889	4.911	5.388	6.002	5.791	3.610	-1.195	-8.233
1701	17.00	-15.920	-21.894	-23.878	-20.642	-12.650	-2.078	7.873	14.098	14.736	9.848
1711	17.10	1.381	-7.587	-13.985	-15.830	-12.838	-6.370	1.202	7.420	10.593	10.269
1721	17.20	7.245	3.148	-0.189	-1.350	0.234	4.129	9.050	13.257	15.102	13.597
1731	17.30	8.805	1.939	-4.950	-9.633	-10.512	-7.288	-1.196	5.349	9.615	9.604
1741	17.40	4.896	-3.099	-11.606	-17.494	-18.459	-13.879	-5.034	5.390	14.287	19.203
1751	17.50	19.095	14.528	7.310	-0.223	-5.973	-8.643	-7.958	-4.564	0.299	5.184
1761	17.60	8.820	10.388	9.684	7.126	3.612	0.229	-2.101	-2.934	-2.429	-1.236
1771	17.70	-0.170	0.184	-0.259	-1.070	-1.594	-1.365	-0.450	0.495	0.525	-1.056
1781	17.80	-4.210	-7.968	-10.715	-10.838	-7.485	-1.068	6.754	13.644	17.469	17.138
1791	17.90	13.008	6.695	0.392	-3.999	-5.527	-4.380	-1.560	1.727	4.653	7.018
1801	18.00	9.082	11.119	12.981	13.954	13.025	9.462	3.379	-4.005	-10.644	-14.386
1811	18.10	-13.870	-9.181	-1.942	5.231	9.717	9.902	5.793	-1.025	-8.063	-12.933
1821	18.20	-14.253	-12.084	-7.750	-3.166	-0.008	0.918	-0.146	-2.200	-4.050	-4.858
1831	18.30	-4.431	-3.155	-1.673	-0.516	0.130	0.396	0.516	0.579	0.404	-0.362
1841	18.40	-1.992	-4.404	-7.043	-9.014	-9.435	-7.846	-4.487	-0.291	3.427	5.469
1851	18.50	5.238	2.996	-0.214	-2.955	-3.948	-2.567	0.912	5.406	9.413	11.549
1861	18.60	11.038	7.954	3.162	-2.022	-6.312	-8.878	-9.564	-8.828	-7.446	-6.123
1871	18.70	-5.180	-4.460	-3.472	-1.711	1.008	4.362	7.567	9.646	9.808	7.763
1881	18.80	3.850	-1.064	-5.868	-9.535	-11.384	-11.187	-9.140	-5.747	-1.698	2.229
1891	18.90	5.255	6.714	6.204	3.764	-0.032	-4.152	-7.379	-8.732	-7.867	-5.280
1901	19.00	-2.163	0.042	0.263	-1.711	-5.076	-8.307	-9.793	-8.550	-4.688	0.589
1911	19.10	5.465	8.278	8.229	5.726	2.198	-0.527	-1.027	1.114	5.138	9.461
1921	19.20	12.372	12.752	10.521	6.612	2.532	-0.295	-1.089	0.055	2.341	4.723
1931	19.30	6.403	7.129	7.176	7.048	7.093	7.249	7.065	5.995	3.778	0.714
1941	19.40	-2.367	-4.441	-4.787	-3.394	-1.053	0.939	1.353	-0.389	-3.905	-7.974
1951	19.50	-11.049	-11.939	-10.328	-6.904	-3.043	-0.197	0.714	-0.357	-2.652	-5.014
1961	19.60	-6.406	-6.308	-4.815	-2.453	0.131	2.443	4.225	5.369	5.780	5.308
1971	19.70	3.835	1.463	-1.353	-3.840	-5.172	-4.854	-3.019	-0.469	1.634	2.284
1981	19.80	1.130	-1.311	-3.851	-5.158	-4.385	-1.572	2.354	5.994	8.091	8.057
1991	19.90	6.158	3.302	0.569	-1.284	-2.072	-2.122	-1.961	-1.964	-2.149	-2.229

Table 7-49-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1241 1317-GR-1-4 U-D (U-D) HIROO BRIDGE MAX. ACC. = -42.666 (GAL) T= 15.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-1.851	-0.865	0.541	1.921	2.800	2.926	2.385	1.522	0.733	0.240
2011	20.10	0.002	-0.204	-0.594	-1.184	-1.731	-1.850	-1.224	0.183	2.059	3.844
2021	20.20	4.958	5.032	4.041	2.286	0.251	-1.583	-2.868	-3.444	-3.316	-2.619
2031	20.30	-1.578	-0.500	0.271	0.426	-0.188	-1.476	-3.085	-4.525	-5.376	-5.487
2041	20.40	-5.055	-4.507	-4.244	-4.371	-4.586	-4.327	-3.107	-0.897	1.699	3.609
2051	20.50	3.776	1.746	-1.968	-5.834	-8.044	-7.125	-2.767	3.917	10.733	15.261
2061	20.60	15.854	12.350	6.165	-0.269	-4.488	-4.967	-1.670	4.020	9.938	14.022
2071	20.70	15.075	13.105	9.166	4.819	1.491	-0.018	0.283	1.718	3.288	4.070
2081	20.80	3.519	1.618	-1.152	-3.982	-5.986	-6.484	-5.236	-2.557	0.745	3.610
2091	20.90	5.086	4.681	2.559	-0.515	-3.472	-5.370	-5.762	-4.842	-3.298	-1.950
2101	21.00	-1.340	-1.489	-1.925	-1.970	-1.129	0.606	2.705	4.321	4.667	3.381
2111	21.10	0.689	-2.677	-5.773	-7.790	-8.321	-7.435	-5.581	-3.391	-1.474	-0.275
2121	21.20	-0.004	-0.627	-1.874	-3.280	-4.270	-4.318	-3.139	-0.848	1.989	4.507
2131	21.30	5.837	5.460	3.449	0.476	-2.446	-4.371	-4.815	-3.930	-2.396	-1.078
2141	21.40	-0.615	-1.155	-2.335	-3.515	-4.105	-3.835	-2.823	-1.439	-0.078	1.022
2151	21.50	1.814	2.332	2.545	2.290	1.364	-0.275	-2.334	-4.176	-5.036	-4.384
2161	21.60	-2.248	0.694	3.353	4.704	4.288	2.476	0.329	-0.884	-0.304	2.069
2171	21.70	5.345	8.132	9.189	8.010	5.060	1.559	-1.087	-1.917	-0.821	1.474
2181	21.80	3.786	5.040	4.721	3.023	0.661	-1.524	-2.952	-3.495	-3.411	-3.108
2191	21.90	-2.872	-2.724	-2.453	-1.778	-0.538	1.200	3.156	4.940	6.176	6.588
2201	22.00	6.027	4.482	2.091	-0.812	-3.683	-5.825	-6.563	-5.498	-2.742	1.005
2211	22.10	4.616	6.915	7.124	5.202	1.878	-1.632	-4.137	-4.965	-4.217	-2.667
2221	22.20	-1.330	-0.943	-1.588	-2.663	-3.216	-2.478	-0.329	2.549	4.922	5.563
2231	22.30	3.850	0.121	-4.398	-8.082	-9.596	-8.483	-5.375	-1.726	0.818	1.124
2241	22.40	-0.940	-4.472	-7.951	-9.903	-9.533	-7.016	-3.357	0.121	2.391	3.150
2251	22.50	2.878	2.499	2.842	4.172	6.027	7.449	7.493	5.753	2.637	-0.751
2261	22.60	-3.083	-3.410	-1.597	1.599	4.874	6.951	7.134	5.564	3.091	0.829
2271	22.70	-0.371	-0.263	0.765	1.977	2.707	2.682	2.085	1.358	0.864	0.637
2281	22.80	0.347	-0.477	-2.096	-4.299	-6.375	-7.384	-6.589	-3.857	0.197	4.396
2291	22.90	7.442	8.432	7.194	4.320	0.882	-2.024	-3.687	-3.984	-3.312	-2.315
2301	23.00	-1.559	-1.313	-1.510	-1.875	-2.121	-2.103	-1.856	-1.524	-1.237	-1.025
2311	23.10	-0.805	-0.453	0.098	0.796	1.485	1.976	2.149	2.009	1.673	1.298
2321	23.20	0.982	0.711	0.373	-0.164	-0.958	-1.929	-2.882	-3.586	-3.885	-3.773
2331	23.30	-3.383	-2.903	-2.459	-2.033	-1.478	-0.621	0.588	1.965	3.101	3.515
2341	23.40	2.875	1.201	-1.073	-3.229	-4.553	-4.654	-3.656	-2.158	-0.961	0.683
2351	23.50	-1.432	-2.731	-3.731	-3.629	-2.108	0.442	3.040	4.535	4.146	1.864
2361	23.60	-1.490	-4.596	-6.207	-5.699	-3.346	-0.172	2.538	3.833	3.525	2.234
2371	23.70	1.043	0.940	2.312	4.741	7.193	8.511	7.954	5.556	2.114	-1.155
2381	23.80	-3.145	-3.310	-1.869	0.331	2.205	2.885	2.071	0.111	-2.166	-3.807
2391	23.90	-4.119	-2.932	-0.662	1.853	3.665	4.072	2.884	0.500	-2.242	-4.387
2401	24.00	-5.248	-4.695	-3.214	-1.702	-1.051	-1.716	-3.445	-5.342	-6.242	-5.260
2411	24.10	-2.266	1.955	5.972	8.286	8.004	5.263	1.219	-2.423	-4.134	-3.214
2421	24.20	-0.070	3.989	7.353	8.806	8.004	5.531	2.538	0.163	-0.965	-0.919
2431	24.30	-0.299	0.185	0.130	-0.366	-0.809	-0.648	0.370	2.008	3.628	4.498
2441	24.40	4.163	2.673	0.568	-1.374	-2.486	-2.490	-1.576	-0.259	0.886	1.482
2451	24.50	1.465	1.032	0.474	-0.014	-0.431	-0.933	-1.703	-2.802	-4.079	-5.202
2461	24.60	-5.781	-5.535	-4.420	-2.670	-0.730	0.888	1.769	1.724	0.845	-0.529
2471	24.70	-1.930	-2.913	-3.200	-2.774	-1.875	-0.912	-0.296	-0.273	-0.809	-1.588
2481	24.80	-2.126	-1.977	-0.930	0.870	2.941	4.627	5.347	4.816	3.175	0.953
2491	24.90	-1.120	-2.368	-2.406	-1.260	0.655	2.702	4.249	4.878	4.501	3.359

Table 7-49-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1241 1317-GR-1-4 U-D (U-D) HIROO BRIDGE MAX. ACC. = -42.666 (GAL) T= 15.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.904	0.634	-0.072	-0.051	0.627	1.726	2.940	3.988	4.675	4.896
2511	25.10	4.616	3.847	2.638	1.102	-0.564	-2.082	-3.138	-3.492	-3.082	-2.095
2521	25.20	-0.944	-0.130	-0.049	-0.803	-2.123	-3.442	-4.106	-3.445	-1.985	0.500
2531	25.30	3.119	5.127	6.001	5.617	4.243	2.382	0.532	-0.995	-2.159	-3.010
2541	25.40	-3.728	-4.296	-4.569	-4.346	-3.521	-2.202	-0.720	0.500	1.131	1.110
2551	25.50	0.684	0.301	0.405	1.222	2.649	4.303	5.680	6.365	6.176	5.194
2561	25.60	3.679	1.936	0.210	-1.342	-2.610	-3.474	-3.791	-3.454	-2.495	-1.164
2571	25.70	0.088	0.744	0.430	-0.883	-2.812	-4.662	-5.688	-5.398	-3.784	-1.361
2581	25.80	1.002	2.407	2.259	0.492	-2.403	-5.562	-8.041	-9.135	-8.578	-6.590
2591	25.90	-3.758	-0.820	1.571	3.018	3.448	3.062	2.211	1.248	0.411	-0.222
2601	26.00	-0.709	-1.153	-1.615	-2.050	-2.318	-2.255	-1.770	-0.928	0.048	0.847
2611	26.10	1.200	1.002	0.377	-0.370	-0.867	-0.838	-0.214	0.849	2.046	3.055
2621	26.20	3.661	3.814	3.597	3.151	2.585	1.954	1.281	0.612	0.061	-0.223
2631	26.30	-0.126	0.337	0.989	1.543	1.742	1.501	0.982	0.538	0.537	1.147
2641	26.40	2.205	3.248	3.714	3.237	1.879	0.174	-1.066	-1.103	0.353	2.947
2651	26.50	5.760	7.649	7.708	5.659	1.985	-2.243	-5.782	-7.691	-7.675	-6.157
2661	26.60	-4.062	-2.422	-1.967	-2.868	-4.714	-6.720	-8.056	-8.164	-6.946	-4.767
2671	26.70	-2.289	-0.217	0.950	1.064	0.350	-0.714	-1.596	-1.907	-1.544	-0.707
2681	26.80	0.192	0.702	0.520	-0.381	-1.732	-3.063	-3.862	-3.761	-2.657	-0.741
2691	26.90	1.569	3.749	5.315	5.934	5.483	4.064	1.968	-0.379	-2.494	-3.941
2701	27.00	-4.431	-3.908	-2.583	-0.877	0.698	1.714	1.974	1.570	0.830	0.167
2711	27.10	-0.104	0.104	0.635	1.183	1.454	1.311	0.826	0.223	-0.251	-0.461
2721	27.20	-0.445	-0.373	-0.441	-0.747	-1.235	-1.734	-2.056	-2.115	-1.978	-1.827
2731	27.30	-1.843	-2.092	-2.458	-2.681	-2.483	-1.711	-0.441	1.032	2.295	2.982
2741	27.40	2.917	2.182	1.085	0.043	-0.570	-0.537	0.143	1.274	2.546	3.613
2751	27.50	4.349	4.607	4.533	4.358	4.330	4.590	5.091	5.584	5.703	5.125
2761	27.60	3.744	1.773	-0.279	-1.778	-2.218	-1.451	0.223	2.151	3.592	4.030
2771	27.70	3.393	2.079	0.763	0.080	0.325	1.320	2.510	3.228	3.018	1.846
2781	27.80	0.105	-1.573	-2.611	-2.735	-2.067	-1.034	-0.148	0.228	0.010	-0.615
2791	27.90	-1.324	-1.826	-1.986	-1.842	-1.548	-1.262	-1.065	-0.945	-0.825	-0.629
2801	28.00	-0.325	0.050	0.418	0.678	0.741	0.549	0.101	-0.523	-1.142	-1.496
2811	28.10	-1.305	-0.394	1.195	3.136	4.871	5.781	5.432	3.772	1.209	-1.514
2821	28.20	-3.587	-4.440	-3.949	-2.455	-0.575	1.083	2.162	2.649	2.772	2.786
2831	28.30	2.775	2.590	1.963	0.729	-0.985	-2.718	-3.838	-3.829	-2.566	-0.417
2841	28.40	1.891	3.581	4.167	3.647	2.461	1.239	0.469	0.274	0.401	0.419
2851	28.50	0.008	-0.833	-1.783	-2.392	-2.373	-1.807	-1.136	-0.936	-1.581	-2.990
2861	28.60	-4.598	-5.595	-5.327	-3.647	-1.044	1.537	3.100	3.037	1.404	-1.121
2871	28.70	-3.541	-4.975	-5.010	-3.815	-1.989	-0.245	0.908	1.331	1.219	0.909
2881	28.80	0.665	0.549	0.447	0.185	-0.317	-0.983	-1.624	-2.057	-2.223	-2.227
2891	28.90	-2.274	-2.541	-3.065	-3.709	-4.233	-4.409	-4.138	-3.481	-2.607	-1.691
2901	29.00	-0.829	-0.033	0.716	1.374	1.796	1.770	1.138	-0.078	-1.610	-3.000
2911	29.10	-3.770	-3.623	-2.587	-1.020	0.529	1.543	1.745	1.187	0.206	-0.745
2921	29.20	-1.287	-1.253	-0.711	0.102	0.915	1.528	1.871	1.993	2.017	2.081
2931	29.30	2.295	2.718	3.337	4.049	4.666	4.943	4.653	3.688	2.142	0.330
2941	29.40	-1.290	-2.274	-2.375	-1.646	-0.439	0.748	1.476	1.546	1.068	0.375
2951	29.50	-0.169	-0.360	-0.253	-0.111	-0.241	-0.794	-1.655	-2.475	-2.843	-2.501
2961	29.60	-1.697	-0.199	0.860	1.213	0.674	-0.580	-2.078	-3.253	-3.667	-3.166
2971	29.70	-1.913	-0.289	1.269	2.426	3.041	3.172	3.018	2.828	2.812	3.087
2981	29.80	3.638	4.324	4.903	5.097	4.686	3.605	2.015	0.289	-1.087	-1.690
2991	29.90	-1.341	-0.214	1.188	2.197	2.239	1.075	-1.077	-3.589	-5.641	-6.517

Table 7--49-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1241 1317-GR-1-4 U-D (U-D) HIROO BRIDGE MAX. ACC. = -42.666 (GAL) T= 15.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-5.858	-3.795	-0.884	2.089	4.377	5.492	5.319	4.085	2.230	0.239
3011	30.10	-1.502	-2.778	-3.550	-3.896	-3.949	-3.824	-3.590	-3.258	-2.792	-2.146
3021	30.20	-1.294	-0.266	0.838	1.849	2.572	2.847	2.613	1.954	1.094	0.339
3031	30.30	-0.025	0.164	0.865	1.834	2.693	3.057	2.682	1.559	-0.061	-1.740
3041	30.40	-2.993	-3.450	-2.986	-1.765	-0.189	1.235	2.056	2.027	1.175	-0.214
3051	30.50	-1.697	-2.817	-3.253	-2.912	-1.952	-0.718	0.371	0.962	0.885	0.206
3061	30.60	-0.794	-1.713	-2.170	-1.941	-1.048	0.236	1.478	2.247	2.275	1.576
3071	30.70	0.441	-0.661	-1.279	-1.160	-0.357	0.797	1.835	2.362	2.228	1.590
3081	30.80	0.826	0.350	0.409	0.967	1.721	2.260	2.264	1.675	0.729	-0.148
3091	30.90	-0.538	-0.227	0.697	1.875	2.833	3.177	2.732	1.590	0.040	-1.557
3101	31.00	-2.891	-3.776	-4.157	-4.071	-3.607	-2.884	-2.044	-1.241	-0.613	-0.223
3111	31.10	-0.021	0.158	0.519	1.194	2.127	3.038	3.507	3.153	1.839	-0.200
3121	31.20	-2.396	-4.040	-4.570	-3.816	-2.088	-0.057	1.535	2.185	1.845	0.914
3131	31.30	0.041	-0.197	0.442	1.752	3.181	4.096	4.056	3.005	1.268	-0.605
3141	31.40	-2.085	-2.865	-2.945	-2.570	-2.078	-1.735	-1.639	-1.723	-1.834	-1.834
3151	31.50	-1.669	-1.378	-1.047	-0.750	-0.510	-0.299	-0.073	0.188	0.454	0.655
3161	31.60	0.709	0.561	0.205	-0.312	-0.908	-1.483	-1.943	-2.210	-2.243	-2.043
3171	31.70	-1.664	-1.200	-0.769	-0.466	-0.328	-0.317	-0.340	-0.301	-0.158	0.041
3181	31.80	0.181	0.136	-0.139	-0.562	-0.923	-0.979	-0.564	0.302	1.390	2.334
3191	31.90	2.784	2.553	1.709	0.550	-0.522	-1.178	-1.295	-0.989	-0.537	-0.224
3201	32.00	-0.202	-0.422	-0.684	-0.765	-0.555	-0.140	0.231	0.260	-0.246	-1.272
3211	32.10	-2.575	-3.777	-4.504	-4.520	-3.797	-2.498	-0.894	0.732	2.162	3.260
3221	32.20	3.963	4.249	4.121	3.622	2.854	1.993	1.272	0.927	1.129	1.915
3231	32.30	3.162	4.594	5.840	6.516	6.326	5.143	3.080	0.495	-2.059	-3.958
3241	32.40	-4.685	-4.006	-2.084	0.527	3.036	4.671	4.950	3.857	1.846	-0.341
3251	32.50	-1.972	-2.602	-2.224	-1.216	-0.131	0.573	0.722	0.459	0.094	-0.100
3261	32.60	-0.066	0.015	-0.145	-0.731	-1.662	-2.574	-2.980	-2.525	-1.200	0.605
3271	32.70	2.255	3.154	3.028	2.051	0.755	-0.248	-0.566	-0.228	0.354	0.617
3281	32.80	0.161	-1.015	-2.488	-3.604	-3.799	-2.880	-1.136	0.785	2.166	2.529
3291	32.90	1.830	0.450	-0.998	-1.940	-2.065	-1.412	-0.303	0.826	1.594	1.788
3301	33.00	1.383	0.495	-0.671	-1.876	-2.867	-3.403	-3.309	-2.542	-1.248	0.234
3311	33.10	1.465	2.049	1.805	0.853	-0.414	-1.489	-1.957	-1.673	-0.807	0.248
3321	33.20	1.071	1.412	1.293	0.964	0.757	0.884	1.324	1.823	2.029	1.681
3331	33.30	0.761	-0.468	-1.556	-2.047	-1.676	-0.472	1.241	2.964	4.192	4.578
3341	33.40	4.018	2.666	0.867	-0.949	-2.378	-3.139	-3.132	-2.456	-1.377	-0.250
3351	33.50	0.591	0.938	0.785	0.317	-0.170	-0.409	-0.290	0.081	0.420	0.408
3361	33.60	-0.143	-1.169	-2.340	-3.188	-3.302	-2.525	-1.038	0.688	2.080	2.691
3371	33.70	2.370	1.307	-0.074	-1.300	-2.045	-2.230	-2.004	-1.630	-1.343	-1.253
3381	33.80	-1.340	-1.519	-1.730	-1.979	-2.319	-2.772	-3.251	-3.547	-3.399	-2.626
3391	33.90	-1.252	0.451	2.035	3.046	3.219	2.595	1.505	0.432	-0.208	-0.233
3401	34.00	0.238	0.876	1.319	1.348	0.992	0.486	0.136	0.153	0.543	1.116
3411	34.10	1.591	1.743	1.511	1.007	0.439	-0.017	-0.307	-0.508	-0.760	-1.149
3421	34.20	-1.636	-2.055	-2.205	-1.968	-1.395	-0.706	-0.186	-0.042	-0.289	-0.730
3431	34.30	-1.048	-0.963	-0.379	0.562	1.540	2.212	2.374	2.060	1.512	1.060
3441	34.40	0.948	1.209	1.657	1.974	1.881	1.277	0.308	-0.696	-1.353	-1.401
3451	34.50	-0.802	0.243	1.383	2.258	2.638	2.491	1.976	1.356	0.902	0.776
3461	34.60	1.006	1.494	2.070	2.557	2.825	2.818	2.541	2.038	1.360	0.547
3471	34.70	-0.372	-1.369	-2.389	-3.345	-4.114	-4.567	-4.607	-4.210	-3.453	-2.508
3481	34.80	-1.607	-0.976	-0.769	-1.012	-1.595	-2.300	-2.870	-3.086	-2.840	-2.159
3491	34.90	-1.199	-0.190	0.633	1.101	1.149	0.822	0.249	-0.414	-1.027	-1.508

Table 7-49-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1241 1317-GR-1-4 U-D (U-D) HIROO BRIDGE MAX. ACC. = -42.666 (GAL) T= 15.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-1.829	-2.000	-2.028	-1.894	-1.542	-0.914	0.005	1.137	2.294	3.210
3511	35.10	3.621	3.363	2.454	1.114	-0.292	-1.369	-1.838	-1.637	-0.944	-0.109
3521	35.20	0.491	0.599	0.187	-0.544	-1.242	-1.548	-1.248	-0.345	0.933	2.229
3531	35.30	3.183	3.556	3.292	2.521	1.488	0.463	-0.340	-0.816	-0.965	-0.865
3541	35.40	-0.620	-0.320	-0.022	0.252	0.492	0.676	0.763	0.694	0.426	-0.939
3551	35.50	-0.619	-1.153	-1.436	-1.288	-0.640	0.409	1.590	2.527	2.870	2.428
3561	35.60	1.268	-0.282	-1.737	-2.631	-2.693	-1.959	-0.754	0.443	1.197	1.303
3571	35.70	0.858	0.200	-0.261	-0.245	0.265	1.013	1.601	1.685	1.149	0.166
3581	35.80	-0.878	-1.573	-1.677	-1.241	-0.579	-0.116	-0.173	-0.803	-1.752	-2.573
3591	35.90	-2.831	-2.313	-1.133	0.313	1.516	2.079	1.889	1.153	0.294	-0.244
3601	36.00	-0.193	0.426	1.333	2.119	2.438	2.153	1.390	0.473	-0.218	-0.406
3611	36.10	-0.023	0.767	1.636	2.222	2.257	1.672	0.619	-0.567	-1.480	-1.770
3621	36.20	-1.271	-0.067	1.510	2.978	3.861	3.867	3.004	1.603	0.206	-0.632
3631	36.30	-0.571	0.365	1.779	3.047	3.568	3.020	1.502	-0.490	-2.256	-3.174
3641	36.40	-2.941	-1.691	0.075	1.701	2.637	2.637	1.819	0.575	-0.617	-1.387
3651	36.50	-1.597	-1.342	-0.866	-0.428	-0.202	-0.228	-0.442	-0.738	-1.023	-1.248
3661	36.60	-1.392	-1.443	-1.373	-1.152	-0.772	-0.279	0.223	0.591	0.706	0.520
3671	36.70	0.092	-0.423	-0.824	-0.942	-0.712	-0.205	0.388	0.810	0.839	0.369
3681	36.80	-0.531	-1.624	-2.570	-3.042	-2.841	-1.989	-0.733	0.521	1.354	1.490
3691	36.90	0.905	-0.153	-1.250	-1.929	-1.876	-1.030	0.405	2.054	3.517	4.495
3701	37.00	4.868	4.673	4.036	3.094	1.954	0.706	-0.534	-1.589	-2.249	-2.333
3711	37.10	-1.796	-0.785	0.383	1.319	1.723	1.504	0.819	-0.000	-0.609	-0.807
3721	37.20	-0.619	-0.264	-0.016	-0.048	-0.325	-0.621	-0.646	-0.221	0.596	1.495
3731	37.30	2.044	1.889	0.935	-0.574	-2.133	-3.180	-3.328	-2.533	-1.115	0.364
3741	37.40	1.327	1.405	0.561	-0.909	-2.509	-3.740	-4.278	-4.066	-3.301	-2.332
3751	37.50	-1.516	-1.093	-1.119	-1.479	-1.954	-2.313	-2.394	-2.145	-1.622	-0.940
3761	37.60	-0.224	0.434	0.981	1.393	1.639	1.667	1.418	0.866	0.071	-0.791
3771	37.70	-1.452	-1.636	-1.173	-0.100	1.305	2.586	3.269	3.044	1.908	0.190
3781	37.80	-1.552	-2.747	-3.028	-2.382	-1.153	0.110	0.873	0.847	0.087	-1.042
3791	37.90	-2.042	-2.501	-2.270	-1.514	-0.625	-0.040	-0.046	-0.665	-1.647	-2.585
3801	38.00	-3.085	-2.919	-2.105	-0.883	0.384	1.345	1.774	1.629	1.036	0.232
3811	38.10	-0.526	-1.035	-1.196	-1.027	-0.645	-0.219	0.077	0.125	-0.106	-0.561
3821	38.20	-1.025	-1.367	-1.405	-1.065	-0.392	0.455	1.253	1.785	1.910	1.608
3831	38.30	0.981	0.212	-0.497	-0.989	-1.196	-1.147	-0.939	-0.689	-0.486	-0.361
3841	38.40	-0.278	-0.156	0.085	0.491	1.041	1.645	2.165	2.456	2.417	2.024
3851	38.50	1.348	0.535	-0.231	-0.780	-1.007	-0.893	-0.504	0.041	0.611	1.104
3861	38.60	1.468	1.702	1.832	1.885	1.865	1.749	1.503	1.111	0.596	0.036
3871	38.70	-0.451	-0.742	-0.751	-0.469	0.021	0.556	0.944	1.031	0.759	0.206
3881	38.80	-0.431	-0.898	-0.975	-0.577	0.198	1.078	1.704	1.761	1.110	-0.142
3891	38.90	-1.657	-2.977	-3.694	-3.606	-2.796	-1.598	-0.469	0.199	0.228	-0.289
3901	39.00	-1.047	-1.680	-1.923	-1.718	-1.216	-0.679	-0.334	-0.257	-0.347	-0.396
3911	39.10	-0.219	0.223	0.787	1.212	1.253	0.821	0.052	-0.746	-1.233	-1.207
3921	39.20	-0.712	-0.029	0.457	0.445	-0.126	-1.029	-1.853	-2.188	-1.821	-0.847
3931	39.30	0.377	1.393	1.859	1.711	1.198	0.768	0.857	1.689	3.162	4.884
3941	39.40	6.335	7.076	6.923	6.004	4.688	3.422	2.551	2.205	2.284	2.542
3951	39.50	2.722	2.675	2.417	2.095	1.899	1.950	2.228	2.573	2.748	2.555
3961	39.60	1.934	1.014	0.079	-0.530	-0.557	0.053	1.110	2.235	2.998	3.086
3971	39.70	2.444	1.309	0.130	-0.609	-0.592	0.192	1.428	2.598	3.193	2.928
3981	39.80	1.867	0.408	-0.881	-1.494	-1.188	-0.075	1.433	2.808	3.616	3.675
3991	39.90	3.095	2.190	1.314	0.704	0.405	0.288	0.164	-0.098	-0.482	-0.838

Table 7-49--9

TABLE OF CORRECTED ACCELERATION RECORD

NO. 9

INDEX NO. 1241 1317-GR-1-4 U-D (U-D) HIROO BRIDGE MAX. ACC. = -42.665 (GAL) T= 15.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.959	-0.696	-0.046	0.830	1.663	2.182	2.220	1.766	0.968	0.060
4011	40.10	-0.719	-1.203	-1.334	-1.159	-0.797	-0.391	-0.071	0.071	-0.003	-0.277
4021	40.20	-0.675	-1.080	-1.351	-1.362	-1.043	-0.416	0.393	1.180	1.711	1.800
4031	40.30	1.375	0.519	-0.542	-1.499	-2.054	-2.027	-1.436	-0.501	0.396	0.852
4041	40.40	0.584	-0.451	-2.012	-3.637	-4.804	-5.122	-4.689	-3.153	-1.628	-0.511
4051	40.50	-0.256	-1.004	-2.533	-4.353	-5.901	-6.750	-6.750	-6.049	-4.991	-3.958
4061	40.60	-3.226	-2.895	-2.917	-3.175	-3.567	-4.044	-4.587	-5.156	-5.653	-5.942
4071	40.70	-5.918	-5.586	-5.100	-4.722	-4.703	-5.148	-5.935	-6.747	-7.203	-7.044
4081	40.80	-6.274	-5.180	-4.204	-3.742	-3.946	-4.655	-5.472	-5.970	-5.918	-5.403
4091	40.90	-4.789	-4.529	-4.908	-5.865	-6.975	-7.619	-7.253	-5.671	-3.106	-0.155

Table 7-50-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1242 1317-GR-1-4 HB. (HB.) HIROO BRIDGE MAX. ACC. = -193.789 (GAL) T= 12.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-5.999	-6.572	-4.112	0.229	4.160	5.182	2.004	-4.856	-13.032	-19.270
11	0.10	-20.850	-16.820	-8.468	1.206	8.758	11.720	9.526	3.547	-3.681	-9.631
21	0.20	-12.757	-12.863	-10.798	-7.765	-4.681	-1.923	0.479	2.428	3.482	2.952
31	0.30	0.354	-4.077	-9.156	-13.057	-14.075	-11.478	-6.013	0.279	4.885	5.939
41	0.40	3.089	-2.314	-7.818	-10.984	-10.474	-6.622	-1.217	3.372	5.277	3.934
51	0.50	0.234	-3.991	-6.865	-7.305	-5.437	-2.419	0.171	1.078	-0.096	-2.780
61	0.60	-5.747	-7.676	-7.698	-5.724	-2.434	1.008	3.408	3.963	2.528	-0.357
71	0.70	-3.668	-6.255	-7.235	-6.286	-3.749	-0.493	2.406	4.060	4.080	2.691
81	0.80	0.608	-1.276	-2.253	-2.061	-0.943	0.513	1.650	2.029	1.585	0.607
91	0.90	-0.427	-1.066	-1.067	-0.455	0.531	1.570	2.386	2.835	2.911	2.693
101	1.00	2.276	1.723	1.059	0.311	-0.438	-1.017	-1.194	-0.766	0.311	1.818
111	1.10	3.264	4.025	3.592	1.860	-0.705	-3.144	-4.343	-3.538	-0.756	3.041
121	1.20	6.257	7.319	5.450	1.744	-3.897	-7.449	-7.771	-4.489	1.129	6.672
131	1.30	9.699	8.937	4.963	-0.009	-3.194	-2.653	1.648	7.699	12.347	12.842
141	1.40	8.263	0.096	-8.363	-13.515	-13.159	-7.536	0.794	8.195	11.682	10.282
151	1.50	5.363	-0.206	-3.596	-5.447	-0.456	3.145	4.920	3.617	-0.119	-4.100
161	1.60	-5.805	-3.812	1.341	7.325	11.151	10.698	5.838	-1.404	-7.760	-10.266
171	1.70	-7.670	-1.046	6.685	12.034	12.737	8.304	0.630	-7.107	-11.774	-11.573
181	1.80	-6.712	0.778	7.939	12.070	11.719	7.140	0.083	-6.913	-11.457	-12.116
191	1.90	-8.856	-3.002	3.269	7.704	8.783	6.267	1.304	-4.001	-7.402	-7.429
201	2.00	-4.036	1.319	6.243	8.424	6.686	1.600	-4.658	-9.189	-9.644	-5.369
211	2.10	2.271	10.158	14.857	13.969	7.225	-3.313	-14.004	-21.021	-21.794	-15.922
221	2.20	-5.211	7.101	17.548	23.560	24.082	19.576	11.546	1.910	-7.471	-15.009
231	2.30	-19.410	-19.722	-15.527	-7.281	3.420	13.904	21.000	22.026	15.871	3.698
241	2.40	-11.121	-23.938	-30.343	-27.741	-16.363	0.684	18.388	31.453	36.028	30.901
251	2.50	17.821	0.856	-14.923	-25.002	-26.735	-20.045	-7.361	7.168	18.948	24.344
261	2.60	21.818	12.427	-0.495	-12.458	-19.378	-19.071	-12.098	-1.577	8.011	12.614
271	2.70	10.267	1.911	-8.994	-17.931	-21.239	-17.640	-8.716	1.866	9.990	12.829
281	2.80	9.905	3.036	-4.707	-10.458	-12.697	-11.591	-8.470	-4.859	-1.666	1.056
291	2.90	3.696	6.392	8.568	9.068	6.861	1.901	-4.432	-9.685	-11.402	-8.417
301	3.00	-1.662	6.143	11.495	11.966	7.377	0.007	-6.442	-8.651	-5.350	2.003
311	3.10	9.903	14.523	13.622	7.667	-0.400	-6.633	-8.060	-4.158	2.895	9.314
321	3.20	11.575	8.124	0.089	-9.303	-16.285	-18.266	-14.887	-7.957	-0.404	5.157
331	3.30	7.501	7.033	5.186	3.412	2.363	1.701	0.570	-1.611	-4.564	-7.132
341	3.40	-7.883	-5.976	-1.799	3.018	6.289	6.316	2.798	-2.898	-8.251	-10.682
351	3.50	-8.720	-2.713	5.249	12.161	15.309	13.354	6.840	-2.039	-10.278	-15.166
361	3.60	-15.206	-10.556	-2.869	5.362	11.671	14.416	13.239	9.059	3.653	-1.037
371	3.70	-3.604	-3.649	-1.838	0.456	1.792	1.317	-0.852	-3.684	-5.720	-5.778
381	3.80	-3.539	0.253	4.109	6.472	6.446	4.218	0.955	-1.771	-2.757	-1.751
391	3.90	0.464	2.508	3.171	2.071	-0.110	-1.973	-2.154	-0.102	3.544	7.177
401	4.00	8.972	7.802	3.858	-1.336	-5.561	-6.894	-4.604	0.479	6.280	10.348
411	4.10	10.878	7.452	1.170	-5.826	-11.224	-13.413	-12.017	-7.909	-2.767	1.607
421	4.20	3.918	3.746	1.562	-1.552	-4.332	-5.760	-5.360	-3.297	-0.285	2.655
431	4.30	4.530	4.687	3.034	0.083	-3.208	-5.747	-6.681	-5.695	-3.128	0.137
441	4.40	2.972	4.374	3.792	1.286	-2.505	-6.557	-9.751	-11.165	-10.301	-7.214
451	4.50	-2.508	2.791	7.469	10.443	11.064	9.327	5.886	1.847	-1.607	-3.638
461	4.60	-4.034	-3.232	-2.057	-1.289	-1.257	-1.660	-1.726	-0.662	1.826	5.190
471	4.70	8.089	8.858	6.258	0.181	-8.021	-15.772	-20.085	-18.674	-10.962	1.435
481	4.80	15.006	25.406	28.937	23.953	11.627	-4.255	-18.483	-26.219	-24.760	-14.592
491	4.90	0.693	15.666	25.036	25.623	17.520	4.010	-9.755	-18.759	-20.076	-13.781

Table 7-50-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1242 1317-GR-1-4 HB. (HB.) HIROO BRIDGE MAX. ACC. = -193.789 (GAL) T= 12.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-2.813	8.417	15.850	17.308	13.111	5.609	-2.061	-7.360	-9.257	-8.306
511	5.10	-5.993	-3.770	-2.318	-1.383	-0.211	1.730	4.204	6.162	6.254	3.631
521	5.20	-1.407	-7.287	-11.697	-12.558	-9.005	-1.912	6.320	12.640	14.550	11.138
531	5.30	3.489	-5.687	-13.089	-16.096	-13.776	-7.222	0.930	7.596	10.526	9.220
541	5.40	5.085	0.744	-1.233	0.389	4.812	9.460	11.149	7.680	-0.877	-11.879
551	5.50	-21.036	-24.237	-19.503	-8.125	5.628	16.211	19.222	13.442	1.510	-11.142
561	5.60	-18.692	-17.577	-8.164	5.368	16.915	21.251	16.423	4.640	-8.775	-17.869
571	5.70	-18.781	-11.463	0.418	11.273	16.211	13.231	4.003	-7.072	-14.981	-16.378
581	5.80	-10.938	-1.266	8.507	14.682	15.553	11.898	6.274	1.586	-0.349	0.460
591	5.90	2.417	3.342	1.695	-2.588	-8.024	-12.282	-13.279	-10.158	-3.719	3.894
601	6.00	10.072	12.816	11.533	7.232	2.061	-1.642	-2.349	0.006	4.017	7.450
611	6.10	8.284	5.688	0.506	-5.016	-8.162	-6.990	-1.302	7.083	14.956	19.003
621	6.20	17.214	9.805	-0.783	-10.825	-16.809	-16.833	-11.318	-2.732	5.510	10.474
631	6.30	10.817	7.138	1.479	-3.724	-6.713	-7.032	-5.467	-3.427	-2.131	-2.020
641	6.40	-2.657	-3.098	-2.502	-0.625	2.047	4.557	5.984	5.892	4.512	2.560
651	6.50	0.824	-0.257	-0.788	-1.297	-2.358	-4.181	-6.394	-8.156	-8.563	-7.154
661	6.60	-4.256	-0.966	1.272	1.306	-1.130	-5.186	-9.164	-11.198	-10.079	-5.820
671	6.70	0.275	6.129	9.754	10.087	7.403	3.128	-0.863	-3.099	-3.130	-1.581
681	6.80	0.313	1.452	1.454	0.778	0.320	0.728	1.876	2.810	2.268	-0.491
691	6.90	-5.028	-9.655	-12.079	-10.504	-4.651	3.868	12.075	16.863	16.394	10.971
701	7.00	2.958	-4.245	-7.695	-6.171	-0.648	6.221	11.313	12.365	8.819	1.881
711	7.10	-6.127	-12.744	-16.220	-15.925	-12.300	-6.516	-0.093	5.400	8.577	8.483
721	7.20	4.908	-1.340	-8.421	-13.889	-15.525	-12.301	-5.003	3.883	11.092	13.970
731	7.30	11.700	5.727	-0.886	-4.917	-4.559	-0.318	5.267	8.942	8.462	3.801
741	7.40	-2.784	-7.898	-8.785	-4.805	2.173	8.677	11.395	8.865	2.220	-5.390
751	7.50	-10.416	-10.696	-6.502	-0.316	4.521	5.560	2.461	-2.926	-7.630	-9.182
761	7.60	-6.908	-2.229	2.177	3.870	2.000	-2.206	-6.065	-6.831	-3.154	4.150
771	7.70	12.386	18.167	18.923	14.009	4.948	-5.252	-13.340	-17.040	-15.760	-10.571
781	7.80	-3.588	2.901	7.191	8.558	7.258	4.240	0.750	-2.049	-3.355	-2.891
791	7.90	-0.945	1.735	4.174	5.512	5.329	3.830	1.781	0.195	-0.125	1.016
801	8.00	3.062	4.902	5.347	3.682	0.057	-4.475	-8.304	-9.870	-8.288	-3.753
811	8.10	2.451	8.368	11.945	11.945	8.239	1.999	-4.697	-9.584	-11.024	-8.619
821	8.20	-3.358	2.773	7.577	9.532	8.368	5.097	1.461	-0.940	-1.417	-0.467
831	8.30	0.592	0.450	-1.352	-4.030	-5.888	-5.229	-1.400	4.629	10.516	13.577
841	8.40	12.136	6.475	-1.133	-7.409	-9.618	-6.928	-0.865	5.398	8.605	7.046
851	8.50	1.435	-5.431	-10.065	-10.037	-5.199	2.236	8.790	11.424	8.997	2.759
861	8.60	-4.330	-9.070	-9.530	-5.851	-0.010	5.257	7.771	6.817	3.241	-1.193
871	8.70	-4.758	-6.516	-6.514	-5.441	-4.049	-2.716	-1.389	0.122	1.767	3.088
881	8.80	3.396	2.209	-0.346	-3.427	-5.789	-6.357	-4.772	-1.599	1.917	4.418
891	8.90	5.044	3.777	1.364	-1.097	-2.681	-2.999	-2.265	-1.068	-0.029	0.480
901	9.00	0.441	0.113	-0.129	0.040	0.793	2.096	3.678	5.040	5.533	4.558
911	9.10	1.850	-2.243	-6.680	-9.965	-10.686	-8.168	-2.922	3.381	8.489	10.496
921	9.20	8.704	4.003	-1.466	-5.240	-5.644	-2.563	2.501	7.092	8.888	6.685
931	9.30	0.841	-6.966	-14.490	-19.790	-21.800	-20.444	-16.345	-10.421	-3.614	3.138
941	9.40	8.799	12.221	12.379	8.828	2.148	-5.930	-12.913	-16.364	-14.855	-8.593
951	9.50	0.572	9.807	16.339	18.419	15.828	9.746	2.141	-4.990	-10.188	-12.727
961	9.60	-12.491	-9.757	-5.051	0.833	6.784	11.463	13.644	12.709	9.064	4.170
971	9.70	0.060	-1.514	0.063	3.855	7.684	9.082	6.474	0.030	-8.271	-15.458
981	9.80	-18.909	-17.616	-12.762	-7.296	-4.668	-7.280	-15.330	-26.578	-37.147	-43.019
991	9.90	-41.597	-32.705	-18.643	-3.326	9.109	15.680	15.408	9.416	0.339	-8.668

Table 7-50-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1242 1317-GR-1-4 HB. (HB.) HIROO BRIDGE MAX. ACC. = -193.789 (GAL) T= 12.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-14.899	-16.772	-14.041	-7.610	0.895	9.615	16.858	21.386	22.579	20.518
1011	10.10	15.983	10.339	5.269	2.363	2.641	6.174	11.957	18.170	22.782	24.322
1021	10.20	22.497	18.390	14.070	11.727	12.648	16.507	21.302	24.076	22.148	14.365
1031	10.30	1.798	-12.476	-24.462	-30.788	-30.009	-23.117	-13.007	-3.163	3.831	7.246
1041	10.40	8.217	8.829	10.800	14.450	18.513	20.867	19.802	15.099	8.305	2.006
1051	10.50	-1.558	-1.788	-0.173	0.440	-2.506	-9.553	-18.344	-24.199	-22.048	-8.924
1061	10.60	14.132	41.739	65.702	77.883	73.245	51.812	18.741	-17.475	-47.901	-65.947
1071	10.70	-69.013	-58.527	-38.657	-14.455	9.673	30.660	46.603	56.186	58.290	52.131
1081	10.80	37.918	17.570	-5.047	-24.731	-36.355	-36.604	-25.334	-5.955	15.440	31.952
1091	10.90	38.154	31.953	15.376	-6.051	-25.174	-35.729	-34.643	-23.284	-7.117	6.240
1101	11.00	9.954	0.851	-18.919	-42.246	-59.498	-62.254	-46.885	-16.477	19.852	50.138
1111	11.10	64.080	57.043	31.879	-2.230	-33.408	-51.644	-52.335	-37.413	-13.778	9.984
1121	11.20	26.974	33.938	31.197	21.070	6.008	-12.323	-32.584	-52.453	-67.694	-72.681
1131	11.30	-62.619	-36.500	0.848	39.148	65.901	71.363	53.041	17.444	-22.080	-50.724
1141	11.40	-58.491	-44.432	-16.797	11.067	27.118	26.260	12.426	-3.873	-11.325	-3.967
1151	11.50	15.455	36.672	47.137	38.724	12.461	-21.195	-46.888	-51.633	-31.334	6.660
1161	11.60	46.359	70.112	66.592	36.083	-9.409	-51.307	-72.541	-64.912	-32.466	10.526
1171	11.70	65.934	59.551	46.811	14.084	-24.764	-54.749	-66.086	-57.718	-36.735	-14.329
1181	11.80	-0.396	0.670	-8.773	-21.552	-29.580	-27.678	-15.568	2.677	21.118	34.880
1191	11.90	42.005	43.412	41.272	36.952	29.846	17.874	-0.626	-24.717	-49.789	-68.475
1201	12.00	-73.391	-60.515	-31.544	6.071	41.652	65.384	72.162	63.429	46.132	29.286
1211	12.10	19.753	19.225	23.841	26.581	21.256	6.123	-14.664	-32.557	-38.438	-27.010
1221	12.20	0.271	35.136	65.417	79.700	71.745	42.818	1.029	-41.913	-75.071	-91.912
1231	12.30	-91.855	-79.324	-61.067	-43.093	-28.616	-17.724	-8.592	0.636	10.386	19.346
1241	12.40	25.311	26.561	22.888	15.665	6.936	-1.831	-10.489	-19.840	-30.259	-40.122
1251	12.50	-45.166	-39.483	-18.474	18.004	63.311	104.477	125.783	114.554	66.946	-8.814
1261	12.60	-93.520	-162.502	-193.789	-175.892	-112.182	-20.108	74.494	165.824	176.143	160.584
1271	12.70	107.359	33.817	-39.751	-96.139	-125.196	-124.977	-100.466	-60.980	-17.316	20.597
1281	12.80	45.415	53.493	45.425	25.843	2.261	-17.009	-25.371	-20.027	-2.763	20.967
1291	12.90	44.273	61.388	69.364	68.239	59.820	46.016	27.841	5.754	-18.956	-42.774
1301	13.00	-59.834	-63.643	-50.147	-20.624	17.354	51.861	71.012	67.961	44.150	9.082
1311	13.10	-23.471	-41.192	-38.226	-17.196	12.628	39.919	56.269	59.126	51.469	38.813
1321	13.20	25.506	12.581	-1.679	-18.934	-37.685	-52.057	-53.664	-35.922	1.362	49.764
1331	13.30	94.007	117.413	108.776	67.551	4.888	-60.107	-107.295	-122.679	-102.904	-55.504
1341	13.40	4.698	61.096	100.278	114.800	103.401	69.591	19.916	-37.172	-91.874	-133.756
1351	13.50	-153.360	-144.783	-108.313	-51.666	11.360	64.899	96.384	101.078	83.678	56.103
1361	13.60	32.297	22.255	27.919	42.702	54.783	52.610	30.148	-10.365	-59.147	-102.534
1371	13.70	-127.861	-127.554	-101.070	-54.392	2.236	57.173	99.885	122.659	121.578	97.021
1381	13.80	53.768	0.518	-51.477	-90.744	-108.450	-100.951	-71.032	-27.245	18.564	54.691
1391	13.90	72.773	69.713	47.861	13.700	-24.229	-57.398	-78.886	-84.447	-73.178	-47.889
1401	14.00	-14.967	16.610	37.346	40.098	22.870	-9.689	-47.028	-75.851	-84.738	-68.491
1411	14.10	-30.403	18.624	63.841	91.816	94.925	73.450	34.691	-10.231	-50.288	-77.559
1421	14.20	-88.434	-83.091	-64.143	-35.456	-1.664	31.807	58.899	73.834	72.795	55.649
1431	14.30	26.696	-6.277	-34.516	-51.355	-54.409	-45.814	-30.479	-13.333	2.863	17.930
1441	14.40	32.758	46.894	56.915	56.916	41.259	8.328	-36.784	-82.430	-113.891	-118.941
1451	14.50	-93.065	-41.909	20.320	75.873	109.757	114.646	92.510	52.683	7.670	-31.232
1461	14.60	-56.737	-66.163	-60.425	-42.606	-17.086	10.667	34.301	47.601	46.544	31.608
1471	14.70	8.909	-11.111	-17.551	-4.136	26.898	64.308	91.603	93.786	64.214	8.359
1481	14.80	-57.510	-112.353	-138.556	-128.671	-87.792	-30.737	24.419	63.329	79.781	75.969
1491	14.90	59.209	37.316	15.234	-5.583	-25.275	-42.855	-54.750	-55.750	-41.993	-14.204

Table 7-50-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1242 1317-GR-1-4 HB. (HB.) HIROO BRIDGE MAX. ACC. = -193.789 (GAL) T= 12.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	20.865	52.026	67.867	61.722	34.998	-2.829	-37.701	-56.463	-51.957	-25.625
1511	15.10	13.325	51.591	76.608	80.623	62.686	28.281	-12.814	-49.414	-71.694	-73.338
1521	15.20	-52.930	-14.521	32.786	76.472	103.503	104.020	74.831	21.363	-42.954	-100.121
1531	15.30	-132.944	-130.610	-92.477	-28.643	43.008	102.291	132.871	127.026	87.574	26.509
1541	15.40	-38.975	-91.667	-119.109	-116.614	-87.848	-43.038	4.503	42.410	62.658	63.349
1551	15.50	48.435	25.594	3.088	-13.179	-21.317	-23.220	-22.686	-22.854	-24.233	-24.360
1561	15.60	-19.305	-6.323	13.711	35.467	50.599	51.074	32.977	-0.943	-41.337	-75.131
1571	15.70	-90.199	-79.935	-45.862	2.796	52.359	89.382	104.919	96.811	69.432	31.387
1581	15.80	-7.569	-39.118	-57.731	-60.839	-48.443	-22.851	11.218	46.538	73.983	84.393
1591	15.90	71.529	35.124	-17.443	-72.095	-111.899	-122.754	-98.842	-45.540	21.690	82.311
1601	16.00	117.877	118.578	86.578	34.813	-18.230	-55.557	-67.718	-55.493	-28.403	0.045
1611	16.10	18.171	20.547	9.378	-7.399	-20.139	-21.742	-10.386	10.175	32.528	48.674
1621	16.20	52.921	43.575	23.069	-3.202	-28.682	-47.443	-55.525	-51.655	-37.357	-16.518
1631	16.30	5.530	23.288	32.491	31.258	20.588	3.973	-13.791	-28.167	-36.224	-37.245
1641	16.40	-32.418	-23.872	-13.595	-2.769	8.182	13.993	28.845	36.048	38.395	34.068
1651	16.50	22.644	5.686	-13.436	-30.438	-41.388	-43.832	-37.381	-23.659	-5.753	12.542
1661	16.60	27.451	35.847	35.796	27.066	11.472	-7.155	-23.646	-32.821	-31.197	-18.441
1671	16.70	2.082	24.094	40.390	45.355	32.042	17.910	-6.110	-27.875	-41.685	-45.236
1681	16.80	-40.070	-30.422	-21.025	-14.916	-12.195	-10.280	-5.478	4.857	20.594	38.290
1691	16.90	52.149	56.117	46.309	22.811	-9.847	-43.774	-70.023	-81.348	-74.489	-51.221
1701	17.00	-17.818	16.888	44.210	58.170	57.097	43.742	23.958	4.456	-9.509	-15.683
1711	17.10	-15.084	-10.992	-7.146	-5.965	-7.505	-9.588	-8.988	-3.143	8.362	23.192
1721	17.20	36.814	44.039	40.974	26.667	3.823	-21.707	-42.532	-51.968	-46.207	-25.756
1731	17.30	4.356	35.746	58.960	66.287	54.274	25.144	-13.431	-50.295	-74.058	-76.668
1741	17.40	-56.186	-17.759	27.656	66.534	87.009	82.692	54.764	11.605	-33.964	-68.859
1751	17.50	-83.889	-76.449	-50.857	-16.339	16.487	39.257	48.300	45.069	34.617	22.918
1761	17.60	14.259	9.785	7.702	4.890	-0.944	-9.668	-18.456	-23.010	-19.716	-7.726
1771	17.70	10.049	27.591	37.908	35.831	20.327	-4.681	-31.399	-50.824	-55.990	-44.585
1781	17.80	-19.896	10.268	36.312	50.209	48.226	32.020	7.732	-16.509	-33.653	-40.142
1791	17.90	-36.750	-27.577	-17.754	-10.907	-7.585	-5.361	-0.564	9.205	23.060	36.420
1801	18.00	42.619	35.962	14.896	-16.258	-48.031	-68.960	-70.035	-48.589	-9.924	34.175
1811	18.10	69.557	84.844	75.652	45.839	5.973	-30.890	-53.942	-58.139	-45.249	-22.300
1821	18.20	1.632	18.825	25.204	20.898	9.251	-4.954	-17.189	-24.262	-24.704	-18.718
1831	18.30	-7.978	4.615	15.362	20.565	17.683	6.510	-10.227	-27.332	-38.776	-40.000
1841	18.40	-29.938	-11.795	7.941	21.971	25.169	16.767	0.755	-15.740	-25.414	-23.810
1851	18.50	-11.096	8.130	26.856	38.566	39.770	31.114	16.740	2.286	-7.490	-10.462
1861	18.60	-7.606	-2.162	2.027	2.213	-2.209	-9.619	-16.994	-21.185	-20.138	-13.633
1871	18.70	-3.324	7.852	16.652	20.572	18.618	11.596	1.852	-7.468	-13.403	-14.097
1881	18.80	-9.376	-0.774	8.986	16.907	20.705	19.560	14.360	7.378	1.473	-0.923
1891	18.90	1.297	7.427	15.066	20.850	21.615	15.645	3.569	-11.497	-24.726	-31.169
1901	19.00	-27.649	-14.287	5.041	23.662	34.319	31.917	15.743	-9.786	-36.333	-54.482
1911	19.10	-57.211	-42.638	-14.904	17.221	43.523	56.053	51.913	34.002	9.524	-13.054
1921	19.20	-27.261	-30.743	-25.472	-16.117	-7.486	-2.269	-0.121	1.609	5.954	14.260
1931	19.30	25.035	34.334	37.517	31.573	16.882	-2.467	-20.034	-29.545	-27.502	-14.758
1941	19.40	3.661	20.446	28.878	25.504	11.536	-7.592	-24.338	-31.987	-27.261	-11.594
1951	19.50	9.403	28.035	37.363	33.708	17.911	-5.059	-27.947	-43.765	-48.123	-40.535
1961	19.60	-24.312	-5.165	10.884	19.537	19.491	12.582	2.840	-5.138	-7.883	-4.229
1971	19.70	4.384	14.546	22.160	23.917	18.456	6.834	-7.805	-21.237	-29.484	-30.041
1981	19.80	-22.633	-9.293	6.237	19.589	27.025	26.501	18.255	4.761	-9.975	-21.566
1991	19.90	-26.543	-23.413	-13.137	1.162	15.197	24.932	27.922	24.089	15.646	6.153

Table 7-50-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1242 1317-GR-1-4 HB. (HB.) HIROO BRIDGE MAX. ACC. = -193.789 (GAL) T= 12.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.920	-3.560	-1.947	1.752	4.438	3.528	-1.845	-10.401	-19.240	-25.072
2011	20.10	-25.601	-20.446	-11.235	-0.866	7.660	12.323	12.609	9.378	4.226	-1.235
2021	20.20	-5.854	-9.009	-10.395	-9.787	-7.016	-2.200	3.951	10.018	14.148	14.682
2031	20.30	10.883	3.386	-5.893	-14.377	-19.740	-20.682	-17.262	-10.686	-2.757	4.709
2041	20.40	10.222	12.677	11.290	5.683	-3.798	-15.636	-26.947	-33.897	-32.826	-21.788
2051	20.50	-1.845	22.595	44.789	57.805	57.057	42.159	17.268	-10.294	-32.649	-44.104
2061	20.60	-42.954	-31.642	-15.365	0.175	10.851	15.211	14.312	10.607	6.564	3.697
2071	20.70	2.322	1.937	1.839	1.565	0.971	0.045	-1.260	-2.998	-4.984	-6.563
2081	20.80	-6.661	-4.237	1.042	8.285	15.389	19.737	19.311	13.703	4.468	-5.420
2091	20.90	-12.829	-15.819	-14.446	-10.570	-6.787	-5.017	-5.496	-6.686	-6.168	-2.051
2101	21.00	5.836	15.583	23.871	27.367	24.177	14.705	1.544	-11.488	-20.726	-23.867
2111	21.10	-20.605	-12.554	-2.628	5.846	10.018	8.249	0.586	-11.095	-23.389	-32.186
2121	21.20	-33.928	-26.961	-12.480	5.459	21.085	28.927	25.995	13.158	-4.945	-21.580
2131	21.30	-30.535	-28.589	-16.742	0.337	16.392	26.222	27.691	22.236	13.748	6.475
2141	21.40	3.039	3.492	5.768	7.163	5.943	2.232	-2.250	-5.345	-5.805	-4.026
2151	21.50	-1.765	-1.036	-2.832	-6.436	-9.727	-10.332	-7.005	-0.443	6.907	11.991
2161	21.60	12.655	8.719	2.083	-4.199	-7.394	-6.361	-1.995	3.332	7.004	7.417
2171	21.70	4.641	0.211	-3.768	-5.681	-5.059	-2.553	0.689	3.813	6.748	10.084
2181	21.80	14.442	19.720	24.683	27.234	25.299	17.947	6.177	-7.062	-17.758	-22.302
2191	21.90	-18.973	-8.787	4.663	16.391	21.781	18.280	6.372	-10.530	-27.242	-38.567
2201	22.00	-41.032	-33.975	-19.648	-2.345	13.085	22.768	24.889	19.982	10.462	-0.379
2211	22.10	-9.468	-14.790	-15.725	-12.890	-7.652	-1.543	4.182	8.754	11.849	13.411
2221	22.20	13.447	11.911	8.728	3.934	-2.124	-8.634	-14.316	-17.629	-17.190	-12.289
2231	22.30	-3.316	8.096	19.362	27.641	30.725	27.810	19.803	9.011	-1.695	-9.904
2241	22.40	-14.434	-15.511	-14.322	-12.177	-9.769	-6.921	-2.985	2.359	8.374	13.131
2251	22.50	14.171	9.746	0.035	-12.348	-22.980	-27.257	-22.394	-8.875	9.371	26.278
2261	22.60	35.926	34.866	23.458	5.664	-12.607	-25.830	-30.858	-27.745	-19.170	-8.866
2271	22.70	0.082	6.288	10.022	12.303	13.737	13.843	11.265	4.759	-5.618	-17.855
2281	22.80	-28.329	-33.109	-29.659	-18.134	-1.616	14.906	26.383	29.614	24.369	13.290
2291	22.90	0.647	-9.440	-14.524	-14.463	-10.994	-6.568	-3.070	-1.057	0.182	1.875
2301	23.00	4.790	8.589	11.869	12.852	10.421	4.770	-2.392	-8.511	-11.235	-9.430
2311	23.10	-3.669	4.018	10.982	15.013	15.126	11.775	6.472	1.047	-3.077	-5.303
2321	23.20	-5.849	-5.425	-4.817	-4.597	-5.035	-6.167	-7.897	-10.021	-12.189	-13.872
2331	23.30	-14.430	-13.320	-10.348	-5.824	-0.511	4.663	8.851	11.712	13.196	13.388
2341	23.40	12.194	9.235	4.082	-3.250	-11.826	-19.691	-24.339	-23.677	-17.049	-5.818
2351	23.50	6.901	17.344	22.595	21.801	16.477	9.727	4.704	3.071	4.229	5.734
2361	23.60	4.720	-0.379	-8.717	-17.147	-21.590	-19.034	-9.203	4.953	18.259	25.410
2371	23.70	23.235	12.121	-4.054	-19.444	-28.559	-28.395	-19.508	-5.636	7.872	16.154
2381	23.80	16.588	9.580	-1.823	-13.229	-20.557	-21.421	-15.808	-5.869	4.999	13.414
2391	23.90	17.163	15.842	10.806	4.469	-0.739	-3.346	-3.328	-1.922	-0.851	-1.320
2401	24.00	-3.285	-5.373	-5.537	-2.169	4.872	13.860	21.685	25.081	22.042	12.800
2411	24.10	-0.138	-12.901	-21.734	-24.366	-20.692	-12.516	-2.594	6.535	13.329	17.385
2421	24.20	18.987	18.479	15.885	11.017	3.971	-4.359	-12.160	-17.151	-17.472	-12.586
2431	24.30	-3.715	6.453	14.705	18.482	16.787	10.438	1.613	-7.064	-13.451	-16.464
2441	24.40	-16.138	-13.277	-8.949	-4.092	0.650	4.875	8.309	10.733	11.995	12.054
2451	24.50	10.995	8.965	6.097	2.495	-1.666	-5.984	-9.731	-11.956	-11.804	-8.953
2461	24.60	-3.927	1.925	6.850	9.359	8.848	5.836	1.689	-2.053	-4.411	-5.371
2471	24.70	-5.746	-6.554	-8.271	-10.373	-11.476	-10.018	-5.171	2.524	11.162	18.165
2481	24.80	21.366	19.959	14.845	8.206	2.504	-0.597	-0.879	0.511	1.791	1.523
2491	24.90	-0.659	-3.929	-6.782	-7.888	-6.822	-4.298	-1.777	-0.689	-1.653	-4.131

Table 7-50-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1242 1317-GR-1-4 HB. (HB.) HIROO BRIDGE MAX. ACC. = -193.789 (GAL) T= 12.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-6.676	-7.665	-6.155	-2.413	2.136	5.552	6.308	4.068	-0.059	-3.944
2511	25.10	-5.361	-3.027	2.713	9.870	15.512	16.899	12.614	3.223	-8.809	-19.935
2521	25.20	-26.741	-27.113	-20.915	-9.953	2.720	13.854	20.991	23.053	20.388	14.357
2531	25.30	6.717	-0.913	-7.341	-11.820	-13.928	-13.467	-10.500	-5.476	0.664	6.552
2541	25.40	10.700	11.953	9.925	5.191	-0.874	-6.545	-10.439	-11.776	-10.724	-8.097
2551	25.50	-4.953	-2.164	-0.180	0.950	1.368	1.190	0.421	-0.938	-2.670	-4.192
2561	25.60	-4.622	-3.094	0.774	6.503	12.687	17.330	18.535	15.265	7.882	-1.804
2571	25.70	-11.031	-16.973	-17.719	-12.956	-4.124	6.049	14.439	18.563	17.359	11.480
2581	25.80	2.991	-5.389	-11.212	-13.072	-10.943	-6.021	-0.149	4.899	8.007	8.950
2591	25.90	8.238	6.679	4.909	3.107	1.022	-1.730	-5.273	-9.211	-12.634	-14.430
2601	26.00	-13.738	-10.350	-4.851	1.543	7.407	11.568	13.435	13.072	11.029	8.045
2611	26.10	4.787	1.714	-0.906	-2.907	-4.162	-4.595	-4.266	-3.439	-2.557	-2.090
2621	26.20	-2.319	-3.154	-4.112	-4.495	-3.705	-1.567	1.514	4.649	6.783	7.133
2631	26.30	5.529	2.526	-0.782	-3.176	-3.788	-2.456	0.195	2.978	4.597	4.157
2641	26.40	1.539	-2.511	-6.634	-9.363	-9.711	-7.596	-3.924	-0.260	1.805	1.343
2651	26.50	-1.461	-5.329	-8.414	-9.125	-6.898	-2.538	2.061	4.737	4.079	0.153
2661	26.60	-5.423	-10.138	-11.711	-9.159	-3.295	3.593	8.768	10.286	7.870	2.989
2671	26.70	-1.884	-4.485	-3.831	-0.649	3.048	4.996	3.811	-0.358	-5.931	-10.693
2681	26.80	-12.830	-11.710	-8.021	-3.286	0.948	3.797	5.251	5.876	6.244	6.465
2691	26.90	6.120	4.613	1.718	-2.047	-5.484	-7.216	-6.378	-3.118	1.386	5.414
2701	27.00	7.457	6.845	3.944	-0.156	-4.231	-7.467	-9.639	-10.881	-11.246	-10.399
2711	27.10	-7.687	-2.619	4.530	12.384	18.701	21.190	18.575	11.379	1.990	-6.144
2721	27.20	-9.875	-7.691	-0.412	9.109	17.157	20.696	18.601	12.035	3.838	-2.761
2731	27.30	-5.529	-4.082	0.112	4.536	6.316	5.757	1.774	-3.416	-7.645	-9.286
2741	27.40	-7.933	-4.493	-0.698	1.726	1.846	-0.069	-2.700	-4.303	-3.538	-0.148
2751	27.50	4.834	9.448	11.622	10.095	5.057	-1.802	-7.909	-10.856	-9.455	-4.324
2761	27.60	2.291	7.420	8.650	5.213	-1.607	-8.966	-13.654	-13.515	-8.393	-0.246
2771	27.70	7.677	12.215	11.622	6.256	-1.646	-8.977	-13.071	-12.738	-8.589	-2.591
2781	27.80	2.882	6.037	6.251	4.083	0.796	-2.292	-4.313	-5.001	-4.534	-3.215
2791	27.90	-1.238	1.346	4.484	7.929	11.150	13.430	14.103	12.816	9.673	5.226
2801	28.00	0.289	-4.277	-7.761	-9.711	-9.978	-8.721	-6.391	-3.674	-1.346	-0.057
2811	28.10	-0.088	-1.201	-2.700	-3.713	-3.605	-2.318	-0.435	1.097	1.495	0.646
2821	28.20	-0.699	-1.203	0.394	4.530	10.384	16.035	19.197	18.223	12.922	4.771
2831	28.30	-3.614	-9.514	-11.196	-8.554	-3.039	3.052	7.563	9.261	8.105	4.958
2841	28.40	0.988	-2.869	-6.127	-8.602	-10.114	-10.301	-8.747	-5.366	-0.769	3.674
2851	28.50	6.253	5.674	1.798	-4.058	-9.527	-12.156	-10.548	-5.099	2.054	7.886
2861	28.60	9.792	6.725	-0.347	-8.871	-15.801	-18.829	-17.205	-11.818	-4.577	2.453
2871	28.70	7.837	11.013	12.070	11.291	8.804	4.593	-1.180	-7.775	-13.749	-17.267
2881	28.80	-16.792	-11.826	-3.325	6.482	14.813	19.320	18.888	13.935	6.108	-2.414
2891	28.90	-9.665	-14.373	-16.035	-14.684	-10.611	-4.239	3.769	12.300	19.725	24.140
2901	29.00	23.941	18.518	8.724	-3.149	-13.979	-20.824	-21.940	-17.405	-9.071	0.125
2911	29.10	7.240	10.344	9.111	4.775	-0.495	-4.512	-5.918	-4.634	-1.775	0.912
2921	29.20	1.831	0.237	-3.438	-7.747	-10.821	-11.143	-8.214	-2.811	3.263	7.861
2931	29.30	9.334	7.190	2.295	-3.478	-8.005	-9.740	-8.285	-4.442	0.228	4.141
2941	29.40	6.342	6.810	6.278	5.706	5.700	6.169	6.404	5.518	3.003	-0.885
2951	29.50	-5.123	-8.314	-9.290	-7.630	-3.872	0.690	4.504	6.340	5.712	2.990
2961	29.60	-0.791	-4.322	-6.446	-6.473	-4.341	-0.598	3.741	7.443	9.365	8.771
2971	29.70	5.594	0.530	-5.085	-9.643	-11.771	-10.800	-7.007	-1.516	4.115	8.464
2981	29.80	10.725	10.909	9.689	7.987	6.524	5.522	4.714	3.591	1.764	-0.772
2991	29.90	-3.598	-6.054	-7.531	-7.726	-6.730	-4.935	-2.837	-0.860	0.728	1.780

Table 7-50-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1242 1317-GR-1-4 HB. (HB.) HIROO BRIDGE MAX. ACC. = -193.789 (GAL) T= 12.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	2.207	1.935	0.969	-0.507	-2.060	-3.071	-2.955	-1.449	1.169	4.077
3011	30.10	6.175	6.548	4.908	1.823	-1.436	-3.378	-2.944	-0.012	4.455	8.733
3021	30.20	11.019	10.176	6.243	0.461	-5.194	-8.788	-9.197	-6.531	-2.046	2.413
3031	30.30	5.182	5.445	3.498	0.537	-1.940	-2.805	-1.772	0.546	2.978	4.366
3041	30.40	4.072	2.218	-0.442	-2.914	-4.404	-4.601	-3.695	-2.164	-0.499	0.989
3051	30.50	2.174	2.983	3.255	2.729	1.194	-1.260	-4.075	-6.292	-6.877	-5.196
3061	30.60	-1.403	3.476	7.862	10.224	9.702	6.465	1.631	-3.212	-6.657	-7.990
3071	30.70	-7.344	-5.459	-3.222	-1.245	0.305	1.572	2.701	3.586	3.833	2.998
3081	30.80	0.928	-2.005	-4.944	-6.886	-7.138	-5.648	-3.023	-0.208	1.991	3.295
3091	30.90	4.015	4.771	6.023	7.680	9.041	9.097	7.060	2.830	-2.853	-8.652
3101	31.00	-13.154	-15.398	-15.154	-12.849	-9.222	-4.936	-0.388	4.223	8.627	12.261
3111	31.10	14.280	13.966	10.689	5.268	-1.013	-6.314	-9.021	-8.402	-4.916	-0.040
3121	31.20	4.339	6.664	6.270	3.533	-0.409	-4.191	-6.741	-7.564	-6.743	-4.722
3131	31.30	-2.064	0.702	3.097	4.666	4.989	3.838	1.344	-1.869	-4.782	-6.297
3141	31.40	-5.703	-3.043	0.792	4.345	6.168	5.431	2.310	-2.045	-5.950	-7.864
3151	31.50	-6.993	-3.597	1.136	5.563	8.205	8.259	5.834	1.833	-2.408	-5.601
3161	31.60	-6.920	-6.225	-4.057	-1.414	0.604	1.181	0.074	-2.295	-4.986	-6.890
3171	31.70	-7.173	-5.632	-2.805	0.228	2.301	2.691	1.463	-0.528	-2.013	-1.909
3181	31.80	0.135	3.516	6.897	8.803	8.302	5.472	1.396	-2.303	-4.198	-3.709
3191	31.90	-1.375	1.399	2.993	2.334	-0.586	-4.662	-8.115	-9.223	-7.039	-1.796
3201	32.00	5.138	11.717	15.901	16.314	12.673	5.880	-2.228	-9.370	-13.438	-13.079
3211	32.10	-8.105	0.377	10.201	18.695	23.443	23.013	17.426	8.158	-2.328	-11.376
3221	32.20	-16.958	-18.223	-15.585	-10.361	-4.173	1.605	6.134	9.050	10.222	9.521
3231	32.30	6.807	2.146	-3.886	-10.613	-14.712	-16.278	-13.938	-8.309	-0.918	5.884
3241	32.40	10.075	10.726	8.324	4.454	0.976	-0.879	-1.039	-0.475	-0.510	-1.940
3251	32.50	-4.458	-6.717	-7.040	-4.412	0.778	6.690	10.763	10.916	6.628	-0.658
3261	32.60	-8.047	-12.425	-11.856	-6.466	1.583	9.046	13.006	12.111	7.063	0.179
3271	32.70	-5.733	-8.628	-8.025	-5.032	-1.643	0.290	-0.097	-2.399	-5.305	-7.354
3281	32.80	-7.692	-6.448	-4.573	-3.286	-3.405	-4.909	-6.927	-8.134	-7.341	-4.032
3291	32.90	1.393	7.719	13.318	16.652	16.735	13.398	7.329	-0.105	-7.192	-12.296
3301	33.00	-14.265	-12.739	-8.263	-2.146	3.911	8.331	10.148	9.286	6.521	3.123
3311	33.10	0.330	-1.132	-1.290	-0.800	-0.553	-1.158	-2.578	-4.081	-4.556	-3.060
3321	33.20	0.644	5.800	10.794	13.678	12.917	8.052	0.030	-8.980	-16.230	-19.311
3331	33.30	-16.997	-9.732	0.455	10.585	17.708	19.886	16.813	9.867	1.552	-5.431
3341	33.40	-9.144	-9.022	-5.915	-1.570	2.194	4.275	4.670	4.321	4.504	6.073
3351	33.50	8.918	11.906	13.346	11.772	6.673	-1.151	-9.791	-16.897	-20.526	-19.817
3361	33.60	-15.218	-8.222	-0.759	5.457	9.371	10.695	9.725	7.045	3.307	-0.823
3371	33.70	-4.607	-7.200	-7.764	-5.763	-1.304	4.655	10.428	14.087	14.146	10.187
3381	33.80	3.110	-5.120	-12.162	-16.149	-16.345	-13.323	-8.628	-4.065	-0.969	0.244
3391	33.90	0.072	-0.486	-0.511	0.359	1.797	2.990	3.074	1.567	-1.409	-5.173
3401	34.00	-8.747	-11.185	-11.832	-10.438	-7.140	-2.403	3.040	8.236	12.110	13.658
3411	34.10	12.249	7.934	1.618	-5.055	-10.132	-11.987	-9.929	-4.517	2.583	9.167
3421	34.20	13.285	13.924	11.307	6.693	1.788	-1.967	-3.898	-4.198	-3.618	-2.930
3431	34.30	-2.469	-1.982	-0.853	1.410	4.710	8.173	10.384	9.959	6.217	-0.358
3441	34.40	-8.124	-14.763	-18.096	-16.883	-11.301	-2.898	5.953	12.881	16.288	15.791
3451	34.50	12.177	6.961	1.743	-2.342	-4.882	-6.086	-6.443	-6.333	-5.789	-4.527
3461	34.60	-2.189	1.324	5.626	9.847	12.873	13.735	11.968	7.802	2.106	-3.872
3471	34.70	-8.873	-11.955	-12.685	-11.175	-7.977	-3.915	0.100	3.231	4.858	4.689
3481	34.80	2.837	-0.182	-3.539	-6.289	-7.612	-7.043	-4.587	-0.708	3.823	8.127
3491	34.90	11.410	13.070	12.749	10.339	6.026	0.347	-5.762	-11.035	-14.116	-13.958

Table 7-50-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1242 1317-GR-1-4 HB. (HB.) HIROO BRIDGE MAX. ACC. = -193.789 (GAL) T= 12.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-10.262	-3.770	3.782	10.101	13.089	11.617	6.032	-1.855	-9.350	-13.832
3511	35.10	-13.723	-9.094	-1.648	5.921	10.938	11.745	8.287	2.078	-4.419	-8.746
3521	35.20	-9.349	-6.109	-0.305	5.914	10.338	11.447	8.973	3.716	-2.633	-8.214
3531	35.30	-11.581	-12.095	-10.002	-6.206	-1.879	1.947	4.637	6.006	6.204	5.505
3541	35.40	4.146	2.269	0.001	-2.428	-4.597	-5.938	-5.910	-4.243	-1.126	2.760
3551	35.50	6.425	8.899	9.581	8.464	6.118	3.446	1.305	0.160	-0.076	0.044
3561	35.60	-0.205	-1.355	-3.477	-6.118	-8.470	-9.697	-9.267	-7.168	-3.908	-0.332
3571	35.70	2.679	4.503	4.951	4.271	3.004	1.746	0.921	0.642	0.703	0.705
3581	35.80	0.249	-0.864	-2.521	-4.301	-5.627	-5.978	-5.112	-3.185	-0.722	1.550
3591	35.90	2.972	3.192	2.298	0.782	-0.650	-1.352	-0.983	0.375	2.260	4.016
3601	36.00	5.038	4.990	3.902	2.129	0.198	-1.393	-2.335	-2.580	-2.301	-1.781
3611	36.10	-1.272	-0.911	-0.703	-0.593	-0.572	-0.747	-1.331	-2.525	-4.338	-6.442
3621	36.20	-8.148	-8.570	-6.966	-3.115	2.423	8.312	12.784	14.226	11.803	5.860
3631	36.30	-2.089	-9.315	-15.127	-16.617	-14.118	-8.688	-2.134	3.699	7.565	9.138
3641	36.40	8.900	7.717	6.338	5.067	3.752	2.061	-0.161	-2.643	-4.722	-5.632
3651	36.50	-4.905	-2.649	0.434	3.324	5.115	5.393	4.381	2.776	1.377	0.691
3661	36.60	0.704	0.934	0.720	-0.387	-2.338	-4.532	-6.028	-5.943	-3.847	-0.016
3671	36.70	4.576	8.538	10.501	9.590	5.766	-0.089	-6.368	-11.191	-12.980	-10.984
3681	36.80	-5.585	1.736	8.795	13.357	13.869	9.881	2.417	-6.497	-14.345	-18.904
3691	36.90	-18.889	-14.297	-6.352	2.899	11.183	16.603	18.077	15.544	9.897	2.716
3701	37.00	-4.141	-8.993	-10.749	-9.178	-4.973	0.451	5.373	8.297	8.416	5.856
3711	37.10	1.576	-3.007	-6.552	-8.253	-8.036	-6.440	-4.250	-2.088	-0.148	1.785
3721	37.20	4.069	6.850	9.820	12.236	13.209	12.121	8.982	4.509	-0.097	-3.605
3731	37.30	-5.232	-4.925	-3.342	-1.535	-0.499	-0.775	-2.279	-4.395	-6.278	-7.200
3741	37.40	-6.822	-5.266	-3.024	-0.741	1.004	1.883	1.775	0.936	-0.280	-1.436
3751	37.50	-2.128	-2.077	-1.181	0.463	2.584	4.802	6.714	7.973	8.327	7.639
3761	37.60	5.872	3.101	-0.447	-4.337	-7.902	-10.311	-10.756	-8.730	-4.296	1.777
3771	37.70	8.118	13.116	15.428	14.459	10.608	5.160	-0.163	-3.815	-4.978	-3.814
3781	37.80	-1.325	1.125	2.393	2.014	0.330	-1.747	-3.205	-3.417	-2.408	-0.793
3791	37.90	0.556	0.960	0.256	-1.134	-2.449	-2.978	-2.441	-1.137	0.186	0.693
3801	38.00	-0.130	-2.203	-4.846	-7.036	-7.815	-6.663	-3.679	0.473	4.826	8.431
3811	38.10	10.616	11.100	9.949	7.469	4.083	0.285	-3.372	-6.293	-7.914	-7.860
3821	38.20	-6.112	-3.109	0.307	3.134	4.551	4.242	2.527	0.237	-1.633	-2.368
3831	38.30	-1.850	-0.619	0.389	0.301	-1.230	-3.774	-6.234	-7.277	-5.917	-2.015
3841	38.40	3.553	9.126	12.839	13.306	10.163	4.231	-2.753	-8.742	-12.083	-12.071
3851	38.50	-9.135	-4.617	-0.241	2.520	2.938	1.211	-1.706	-4.539	-6.218	-6.270
3861	38.60	-6.944	-3.030	-1.473	-0.934	-1.508	-2.702	-3.680	-3.681	-2.395	-0.151
3871	38.70	2.204	3.677	3.595	1.953	-0.528	-2.692	-3.462	-2.362	0.199	3.043
3881	38.80	4.707	4.099	1.037	-3.593	-8.151	-10.910	-10.797	-7.863	-3.270	1.214
3891	38.90	3.987	4.304	2.560	0.051	-1.687	-1.626	0.269	3.044	5.254	5.690
3901	39.00	3.975	0.749	-2.666	-4.919	-5.277	-3.934	-1.827	-0.074	0.661	0.520
3911	39.10	0.314	0.975	2.883	5.460	7.306	6.869	3.282	-2.887	-9.688	-14.414
3921	39.20	-14.763	-9.944	-1.216	8.440	15.439	17.042	12.512	3.475	-6.687	-14.167
3931	39.30	-16.208	-12.131	-3.500	6.600	14.817	18.777	17.826	13.024	6.491	0.453
3941	39.40	-3.575	-5.173	-4.864	-3.625	-2.319	-1.338	-0.580	0.302	1.541	3.016
3951	39.50	4.243	4.595	3.643	1.440	-1.402	-3.874	-4.937	-3.935	-0.911	3.327
3961	39.60	7.410	9.848	9.559	6.297	0.826	-5.265	-10.063	-11.993	-10.409	-5.877
3971	39.70	-0.016	5.070	7.570	6.664	2.838	-2.303	-6.684	-8.592	-7.362	-3.617
3981	39.80	1.026	4.667	5.929	4.517	1.294	-2.146	-4.202	-3.965	-1.578	1.878
3991	39.90	4.903	6.249	5.448	2.962	-0.080	-2.408	-3.159	-2.203	-0.118	2.136

Table 7-50-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1242 1317-GR-1-4 HB. (HB.) HIROO BRIDGE MAX. ACC. = -193.789 (GAL) T= 12.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	3.669	4.027	3.325	2.106	1.031	0.569	0.822	1.557	2.388	2.994
4011	40.10	3.260	3.259	3.127	2.907	2.488	1.668	0.338	-1.341	-2.894	-3.660
4021	40.20	-3.099	-1.106	1.807	4.603	6.085	5.407	2.502	-1.774	-5.887	-8.190
4031	40.30	-7.581	-3.982	1.569	7.282	11.273	12.268	10.058	5.537	0.327	-3.842
4041	40.40	-5.730	-4.967	-2.074	1.803	5.319	7.348	7.259	5.019	1.147	-3.432
4051	40.50	-7.595	-10.268	-10.688	-8.646	-4.618	0.299	4.669	7.178	7.097	4.574
4061	40.60	0.601	-3.369	-5.980	-6.509	-5.114	-2.692	-0.442	0.688	0.377	-1.016
4071	40.70	-2.720	-3.977	-4.397	-4.056	-3.328	-2.575	-1.900	-1.114	0.076	1.779
4081	40.80	3.739	5.385	6.108	5.607	4.092	2.206	0.684	-0.060	-0.174	-0.279
4091	40.90	-1.065	-2.799	-5.028	-6.690	-6.624	-4.238	0.019	4.679	7.802	7.848
4101	41.00	4.441	-1.350	-7.380	-11.309	-11.601	-8.172	-2.410	3.447	7.262	7.848
4111	41.10	5.355	1.059	-3.291	-6.231	-7.096	-6.114	-4.098	-1.968	-0.345	0.597
4121	41.20	1.020	1.171	1.174	0.976	0.459	-0.395	-1.395	-2.173	-2.359	-1.780
4131	41.30	-0.590	0.757	1.668	1.654	0.520	-1.550	-4.041	-6.276	-7.608	-7.611
4141	41.40	-6.193	-3.632	-0.511	2.428	4.488	5.232	4.624	3.041	1.134	-0.439
4151	41.50	-1.276	-1.393	-1.181	-1.176	-1.743	-2.843	-4.007	-4.560	-3.991	-2.279
4161	41.60	0.004	1.590	2.450	1.253	-1.368	-4.399	-6.546	-6.789	-4.829	-1.227
4171	41.70	2.826	5.988	7.296	6.505	4.117	1.129	-1.365	-2.547	-2.082	-0.141
4181	41.80	2.728	5.769	8.194	9.316	8.679	6.185	2.188	-2.494	-6.724	-9.343
4191	41.90	-9.549	-7.218	-3.010	1.798	5.732	7.629	7.036	4.347	0.616	-2.847
4201	42.00	-4.951	-5.161	-3.603	-0.929	1.979	4.311	5.559	5.589	4.597	2.979
4211	42.10	1.187	-0.403	-1.570	-2.283	-2.670	-2.925	-3.188	-3.431	-3.414	-2.766
4221	42.20	-1.172	1.399	4.542	7.439	9.097	8.727	6.122	1.837	-2.913	-6.653
4231	42.30	-8.175	-6.994	-3.532	1.043	5.245	7.798	8.039	6.071	2.634	-1.202
4241	42.40	-4.382	-6.127	-6.061	-4.219	-1.002	2.903	6.619	9.237	10.038	8.733
4251	42.50	5.627	1.599	-2.150	-4.519	-4.930	-3.560	-1.254	0.875	1.975	1.858
4261	42.60	1.083	0.634	1.363	3.457	6.224	8.324	8.377	5.654	0.534	-5.524
4271	42.70	-10.499	-12.611	-11.043	-6.280	0.088	5.982	9.618	10.104	7.646	3.330
4281	42.80	-1.377	-5.157	-7.207	-7.330	-5.820	-3.248	-0.282	2.422	4.270	4.794
4291	42.90	3.765	1.321	-1.974	-5.211	-7.399	-7.811	-6.288	-3.332	0.063	2.789
4301	43.00	4.068	3.737	2.284	0.584	-0.498	-0.480	0.557	2.067	3.321	3.744
4311	43.10	3.151	1.784	0.161	-1.169	-1.832	-1.734	-1.017	0.057	1.231	2.317
4321	43.20	3.190	3.736	3.820	3.292	2.056	0.151	-2.183	-4.512	-6.287	-6.983
4331	43.30	-6.260	-4.090	-0.828	2.826	5.963	7.695	7.420	5.051	1.115	-3.335
4341	43.40	-7.013	-8.804	-8.159	-5.326	-1.289	2.563	4.935	5.102	3.162	-0.027
4351	43.50	-3.208	-5.226	-5.448	-3.955	-1.433	1.163	2.991	3.599	2.999	1.544
4361	43.60	-0.285	-2.059	-3.483	-4.372	-4.594	-4.061	-2.786	-0.978	0.909	2.267
4371	43.70	2.540	1.491	-0.610	-3.011	-4.726	-4.929	-3.338	-0.380	2.926	5.352
4381	43.80	5.943	4.390	1.140	-2.801	-6.264	-8.341	-8.653	-7.380	-5.082	-2.423
4391	43.90	0.053	2.015	3.294	3.798	3.447	2.217	0.246	-2.073	-4.109	-5.156
4401	44.00	-4.702	-2.681	0.432	3.736	6.230	7.196	6.486	4.570	2.325	0.641
4411	44.10	0.044	0.476	1.356	1.879	1.417	-0.160	-2.393	-4.407	-5.280	-4.437
4421	44.20	-1.913	1.633	5.141	7.523	8.035	6.507	3.382	-0.457	-3.963	-6.226
4431	44.30	-6.710	-5.365	-2.616	0.762	3.843	5.790	6.079	4.642	2.001	-1.045
4441	44.40	-3.474	-4.460	-3.643	-1.264	1.907	4.836	6.593	6.669	5.131	2.545
4451	44.50	-0.270	-2.572	-3.930	-4.316	-4.009	-3.401	-2.816	-2.412	-2.205	-2.147
4461	44.60	-2.205	-2.365	-2.574	-2.669	-2.382	-1.441	0.250	2.461	4.605	5.902
4471	44.70	5.687	3.736	0.450	-3.212	-6.048	-7.063	-5.847	-2.742	1.301	5.084
4481	44.80	7.587	8.281	7.216	4.884	1.962	-0.922	-3.311	-4.909	-5.517	-4.991
4491	44.90	-3.294	-0.607	2.575	5.476	7.220	7.136	5.044	1.387	-2.862	-6.517

Table 7-50-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1242 1317-GR-1-4 HB. (HB.) HIROO BRIDGE MAX. ACC. = -193.789 (GAL) T= 12.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-8.580	-8.581	-6.703	-3.669	-0.447	2.091	3.434	3.518	2.660	1.384
4511	45.10	0.234	-0.365	-0.180	0.799	2.370	4.148	5.628	6.306	5.829	4.146
4521	45.20	1.583	-1.211	-3.452	-4.490	-4.058	-2.379	-0.097	1.968	3.135	3.113
4531	45.30	2.096	0.650	-0.535	-0.937	-0.398	0.838	2.262	3.323	3.664	3.237
4541	45.40	2.291	1.225	0.396	-0.044	-0.194	-0.338	-0.777	-1.653	-2.836	-3.946
4551	45.50	-4.489	-4.080	-2.643	-0.500	1.698	3.194	3.409	2.187	-0.127	-2.793
4561	45.60	-4.951	-5.944	-5.554	-4.061	-2.091	-0.343	0.703	0.948	0.662	0.296
4571	45.70	0.229	0.568	1.091	1.349	0.895	-0.491	-2.653	-5.068	-6.987	-7.671
4581	45.80	-6.632	-3.808	0.368	5.042	9.112	11.502	11.444	8.729	3.824	-2.196
4591	45.90	-7.903	-11.911	-13.292	-11.859	-8.214	-3.530	0.856	3.882	5.061	4.539
4601	46.00	2.911	0.898	-0.943	-2.353	-3.320	-3.884	-3.972	-3.353	-1.765	0.839
4611	46.10	4.097	7.204	9.119	8.952	6.359	1.780	-3.620	-8.300	-10.852	-10.490
4621	46.20	-7.322	-2.309	3.061	7.271	9.239	8.633	5.912	2.126	-1.453	-3.751
4631	46.30	-4.215	-2.959	-0.685	1.597	2.950	2.863	1.449	-0.605	-2.322	-2.857
4641	46.40	-1.868	0.301	2.752	4.414	4.525	2.995	0.476	-1.910	-3.066	-2.422
4651	46.50	-0.196	2.695	5.057	5.952	5.109	3.008	0.610	-1.124	-1.687	-1.223
4661	46.60	-0.386	0.057	-0.337	-1.449	-2.669	-3.247	-2.730	-1.236	0.561	1.771
4671	46.70	1.749	0.460	-1.457	-2.967	-3.144	-1.643	1.077	3.904	5.544	5.080
4681	46.80	2.396	-1.748	-5.995	-8.920	-9.561	-7.748	-4.112	0.198	3.954	6.255
4691	46.90	6.757	5.681	3.630	1.344	-0.525	-1.546	-1.545	-0.573	1.133	3.198
4701	47.00	5.158	6.523	6.888	6.043	4.072	1.373	-1.423	-3.612	-4.622	-4.183
4711	47.10	-2.405	0.257	3.139	5.553	6.956	7.068	5.904	3.747	1.066	-1.594
4721	47.20	-3.721	-4.939	-5.092	-4.283	-2.850	-1.270	-0.015	0.605	0.558	0.097
4731	47.30	-0.337	-0.309	0.412	1.724	3.196	4.216	4.231	2.980	0.627	-2.266
4741	47.40	-4.924	-6.611	-6.880	-5.707	-3.474	-0.821	1.568	3.163	3.711	3.253
4751	47.50	2.061	0.523	-0.971	-2.114	-2.726	-2.772	-2.339	-1.598	-0.755	0.006
4761	47.60	0.573	0.916	1.078	1.119	1.072	0.909	0.565	-0.011	-0.785	-1.598
4771	47.70	-2.191	-2.293	-1.743	-0.585	0.908	2.308	3.178	3.235	2.454	1.078
4781	47.80	-0.465	-1.716	-2.330	-2.172	-1.334	-0.089	1.193	2.128	2.400	1.818
4791	47.90	0.370	-1.744	-4.122	-6.222	-7.496	-7.562	-6.353	-4.170	-1.612	0.624
4801	48.00	1.996	2.312	1.790	0.939	0.314	0.258	0.737	1.370	1.622	1.082
4811	48.10	-0.304	-2.161	-3.812	-4.554	-3.958	-2.067	0.600	3.235	5.037	5.495
4821	48.20	4.553	2.584	0.221	-1.889	-3.302	-3.872	-3.726	-3.122	-2.302	-1.375
4831	48.30	-0.313	0.973	2.504	4.136	5.546	6.320	6.122	4.852	2.744	0.326
4841	48.40	-1.746	-2.917	-2.937	-1.953	-0.439	0.996	1.852	1.912	1.282	0.289
4851	48.50	-0.702	-1.459	-1.940	-2.240	-2.542	-2.507	-2.258	-1.492	-0.162	1.488
4861	48.60	2.929	3.537	2.885	0.992	-1.598	-3.996	-5.331	-5.137	-3.573	-1.365
4871	48.70	0.529	1.360	0.924	-0.368	-1.737	-2.448	-2.198	-1.252	-0.276	0.058
4881	48.80	-0.529	-1.739	-2.833	-3.038	-1.998	-0.035	1.942	2.862	2.039	-0.424
4891	48.90	-3.599	-6.102	-6.709	-4.937	-1.298	2.879	6.011	6.933	5.390	2.125
4901	49.00	-1.460	-3.919	-4.350	-2.734	0.134	3.045	4.911	5.206	4.111	2.356
4911	49.10	0.836	0.209	0.637	1.777	2.988	3.648	3.429	2.409	1.003	-0.253
4921	49.20	-0.944	-0.943	-0.428	0.225	0.646	0.643	0.282	-0.163	-0.362	-0.110
4931	49.30	0.555	1.367	1.859	1.762	0.972	-0.270	-1.480	-2.126	-1.861	-0.687
4941	49.40	1.027	2.691	3.734	3.843	3.086	1.864	0.717	0.087	0.124	0.647
4951	49.50	1.258	1.555	1.328	0.656	-0.147	-0.700	-0.751	-0.295	0.432	1.083
4961	49.60	1.382	1.262	0.881	0.528	0.447	0.687	1.060	1.217	0.831	-0.229
4971	49.70	-1.797	-3.456	-4.692	-5.129	-4.676	-3.573	-2.287	-1.309	-0.950	-1.222
4981	49.80	-1.860	-2.465	-2.697	-2.420	-1.751	-0.967	-0.356	-0.070	-0.065	-0.155
4991	49.90	-0.144	0.034	0.262	0.297	-0.082	-0.911	-1.965	-2.822	-3.048	-2.429

Table 7-50-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1242 1317-GR-1-4 HB. (HB.) HIROO BRIDGE MAX. ACC. = -193.789 (GAL) T= 12.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.112	0.410	1.496	1.656	0.801	-0.674	-2.039	-2.551	-1.812	0.017
5011	50.10	2.247	3.951	4.366	3.252	1.013	-1.468	-3.203	-3.537	-2.413	-0.382
5021	50.20	1.673	2.946	3.066	2.242	1.133	0.517	0.909	2.320	4.244	5.878
5031	50.30	6.465	5.598	3.372	0.326	-2.769	-5.179	-6.418	-6.334	-5.081	-3.017
5041	50.40	-0.589	1.753	3.598	4.617	4.606	3.539	1.612	-0.768	-3.069	-4.778
5051	50.50	-5.550	-5.316	-4.277	-2.809	-1.302	-0.010	1.013	1.880	2.752	3.705
5061	50.60	4.642	5.314	5.418	4.745	3.301	1.339	-0.705	-2.351	-3.232	-3.203
5071	50.70	-2.359	-0.982	0.573	1.990	3.058	3.683	3.854	3.595	2.929	1.881
5081	50.80	0.516	-1.024	-2.504	-3.621	-4.085	-3.710	-2.503	-0.692	1.315	3.038
5091	50.90	4.069	4.191	3.446	2.107	0.585	-0.709	-1.483	-1.632	-1.226	-0.445
5101	51.00	0.512	1.485	2.379	3.130	3.671	3.901	3.713	3.047	1.959	0.650
5111	51.10	-0.569	-1.374	-1.551	-1.090	-0.209	0.727	1.339	1.391	0.876	0.021
5121	51.20	-0.816	-1.291	-1.217	-0.631	0.222	0.988	1.333	1.059	0.162	-1.172
5131	51.30	-2.625	-3.830	-4.466	-4.332	-3.404	-1.857	-0.044	1.573	2.537	2.534
5141	51.40	1.509	-0.287	-2.348	-4.063	-4.910	-4.638	-3.354	-1.486	0.377	1.686
5151	51.50	2.117	1.657	0.568	-0.743	-1.875	-2.567	-2.735	-2.447	-1.845	-1.076
5161	51.60	-0.255	0.527	1.179	1.598	1.686	1.396	0.778	-0.005	-0.719	-1.133
5171	51.70	-1.105	-0.643	0.104	0.905	1.532	1.844	1.814	1.511	1.043	0.495
5181	51.80	-0.097	-0.727	-1.377	-1.969	-2.356	-2.355	-1.833	-0.790	0.593	1.970
5191	51.90	2.928	3.119	2.402	0.911	-0.960	-2.678	-3.750	-3.896	-3.146	-1.831
5201	52.00	-0.452	0.507	0.763	0.326	-0.527	-1.394	-1.932	-2.006	-1.736	-1.415
5211	52.10	-1.345	-1.676	-2.309	-2.944	-3.215	-2.878	-1.941	-0.673	0.504	1.203
5221	52.20	1.234	0.684	-0.139	-0.846	-1.131	-0.882	-0.191	0.720	1.609	2.290
5231	52.30	2.666	2.698	2.374	1.704	0.751	-0.323	-1.256	-1.752	-1.609	-0.853
5241	52.40	0.217	1.102	1.315	0.620	-0.809	-2.409	-3.442	-3.336	-1.974	0.196
5251	52.50	2.310	3.450	3.051	1.177	-1.479	-3.870	-5.037	-4.513	-2.508	0.188
5261	52.60	2.555	3.758	3.466	1.923	-0.199	-2.123	-3.275	-3.459	-2.851	-1.847
5271	52.70	-0.862	-0.176	0.113	0.065	-0.275	-0.746	-1.278	-1.776	-2.114	-2.157
5281	52.80	-1.816	-1.108	-0.181	0.721	1.355	1.584	1.435	1.082	0.756	0.626
5291	52.90	0.720	0.917	1.025	0.893	0.494	-0.046	-0.518	-0.723	-0.566	-0.094
5301	53.00	0.543	1.168	1.654	1.959	2.106	2.135	2.058	1.853	1.501	1.033
5311	53.10	0.557	0.238	0.225	0.572	1.189	1.865	2.354	2.483	2.233	1.743
5321	53.20	1.240	0.913	0.812	0.822	0.720	0.305	-0.475	-1.462	-2.330	-2.718
5331	53.30	-2.396	-1.388	0.007	1.317	2.078	2.025	1.207	-0.015	-1.108	-1.566
5341	53.40	-1.120	0.147	1.815	3.270	3.930	3.471	1.964	-0.127	-2.089	-3.207
5351	53.50	-3.024	-1.513	0.894	3.447	5.329	5.941	5.104	3.106	0.580	-1.737
5361	53.60	-3.263	-3.755	-3.330	-2.354	-1.238	-0.251	0.562	1.336	2.240	3.307
5371	53.70	4.354	5.010	4.883	3.757	1.745	-0.688	-2.857	-4.089	-3.970	-2.496
5381	53.80	-0.077	2.601	4.812	6.014	5.996	4.901	3.144	1.257	-0.269	-1.107
5391	53.90	-1.152	-0.529	0.456	1.395	1.889	1.659	0.642	-0.966	-2.740	-4.148
5401	54.00	-4.722	-4.233	-2.791	-0.831	1.034	2.226	2.412	1.626	0.241	-1.180
5411	54.10	-2.108	-2.238	-1.592	-0.478	0.643	1.340	1.359	0.693	-0.445	-1.707
5421	54.20	-2.718	-3.179	-2.925	-1.958	-0.453	1.272	2.805	3.738	3.778	2.855
5431	54.30	1.183	-0.778	-2.443	-3.300	-3.085	-1.891	-0.137	1.582	2.710	2.929
5441	54.40	2.252	0.994	-0.379	-1.430	-1.897	-1.745	-1.124	-0.263	0.627	1.411
5451	54.50	2.031	2.458	2.665	2.612	2.287	1.733	1.072	0.470	0.076	-0.049
5461	54.60	0.047	0.227	0.354	0.363	0.310	0.334	0.566	1.027	1.567	1.904
5471	54.70	1.733	0.890	-0.539	-2.197	-3.566	-4.150	-3.673	-2.200	-0.126	1.953
5481	54.80	3.444	3.947	3.373	1.941	0.085	-1.694	-2.971	-3.490	-3.197	-2.223
5491	54.90	-0.837	0.617	1.786	2.373	2.208	1.301	-0.152	-1.802	-3.250	-4.165

Table 7-50-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1242 1317-GR-1-4 HB. (HB.) HIROO BRIDGE MAX. ACC. = -193.789 (GAL) T= 12.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-4.399	-4.026	-3.308	-2.581	-2.110	-1.989	-2.108	-2.225	-2.094	-1.597
5511	55.10	-0.815	-0.003	0.516	0.491	-0.146	-1.251	-2.530	-3.655	-4.389	-4.648
5521	55.20	-4.493	-4.059	-3.461	-2.747	-1.895	-0.875	0.278	1.421	2.325	2.760
5531	55.30	2.593	1.866	0.798	-0.288	-1.091	-1.447	-1.386	-1.098	-0.832	-0.767
5541	55.40	-0.928	-1.171	-1.262	-1.000	-0.331	0.602	1.502	2.038	1.986	1.340
5551	55.50	0.326	-0.682	-1.304	-1.321	-0.763	0.090	0.823	1.050	0.583	-0.485
5561	55.60	-1.807	-2.913	-3.402	-3.104	-2.158	-0.961	-0.016	0.275	-0.224	-1.326
5571	55.70	-2.588	-3.485	-3.615	-2.851	-1.385	0.355	1.871	2.782	2.937	2.438
5581	55.80	1.554	0.592	-0.225	-0.815	-1.208	-1.470	-1.625	-1.618	-1.353	-0.769
5591	55.90	0.073	0.959	1.570	1.598	0.888	-0.460	-2.077	-3.431	-3.998	-3.464
5601	56.00	-1.857	0.430	2.744	4.381	4.814	3.877	1.823	-0.750	-3.096	-4.558
5611	56.10	-4.775	-3.772	-1.928	0.184	2.009	3.187	3.642	3.546	3.190	2.824
5621	56.20	2.542	2.259	1.793	0.992	-0.144	-1.419	-2.505	-3.070	-2.924	-2.110
5631	56.30	-0.893	0.340	1.226	1.559	1.340	0.742	0.024	-0.582	-0.936	-0.999
5641	56.40	-0.807	-0.417	0.116	0.730	1.347	1.847	2.094	1.986	1.513	0.786
5651	56.50	0.012	-0.572	-0.798	-0.634	-0.192	0.321	0.694	0.794	0.609	0.226
5661	56.60	-0.222	-0.623	-0.915	-1.091	-1.159	-1.122	-0.965	-0.681	-0.297	0.117
5671	56.70	0.472	0.708	0.848	0.996	1.300	1.864	2.664	3.520	4.147	4.270
5681	56.80	3.762	2.719	1.452	0.369	-0.194	-0.107	0.489	1.252	1.786	1.811
5691	56.90	1.284	0.407	-0.457	-0.932	-0.779	0.026	1.290	2.674	3.807	4.383
5701	57.00	4.245	3.411	2.072	0.550	-0.765	-1.509	-1.434	-0.497	1.112	3.004
5711	57.10	4.693	5.749	5.932	5.264	4.004	2.543	1.257	0.385	-0.016	-0.034
5721	57.20	0.192	0.564	1.054	1.675	2.395	3.080	3.488	3.354	2.533	1.117
5731	57.30	-0.531	-1.873	-2.388	-1.802	-0.226	1.846	3.705	4.692	4.457	3.098
5741	57.40	1.106	-0.832	-2.114	-2.452	-1.952	-1.015	-0.125	0.386	0.475	0.371
5751	57.50	0.410	0.828	1.596	2.402	2.790	2.391	1.126	-0.701	-2.499	-3.619
5761	57.60	-3.828	-2.500	-0.639	1.279	2.579	2.847	2.079	0.651	-0.857	-1.912
5771	57.70	-2.225	-1.830	-1.020	-0.183	0.370	0.526	0.369	0.108	-0.056	-0.022
5781	57.80	0.169	0.373	0.420	0.198	-0.286	-0.909	-1.455	-1.689	-1.423	-0.581
5791	57.90	0.761	2.365	3.869	4.868	5.028	4.199	2.489	0.264	-1.942	-3.578
5801	58.00	-4.243	-3.810	-2.454	-0.587	1.272	2.652	3.234	2.911	1.773	0.072
5811	58.10	-1.836	-3.543	-4.646	-4.832	-3.969	-2.185	0.110	2.297	3.717	3.889
5821	58.20	2.702	0.483	-2.092	-4.227	-5.288	-5.025	-3.652	-1.737	0.017	1.038
5831	58.30	1.065	0.191	-1.218	-2.695	-3.833	-4.391	-4.325	-3.754	-2.900	-2.039
5841	58.40	-1.442	-1.327	-1.793	-2.767	-3.990	-5.070	-5.606	-5.354	-4.342	-2.892
5851	58.50	-1.515	-0.700	-0.715	-1.484	-2.633	-3.663	-4.184	-4.083	-3.564	-3.017
5861	58.60	-2.814	-3.119	-3.820	-4.604	-5.129	-5.194	-4.827	-4.234	-3.673	-3.312
5871	58.70	-3.178	-3.199	-3.316	-3.572	-4.119	-5.108	-6.538	-8.158	-9.490	-10.011
5881	58.80	-9.395	-7.913	-5.464	-3.403	-2.239	-2.337	-3.566	-5.374	-7.047	-8.029
5891	58.90	-8.142	-7.613	-6.887	-6.354	-6.120	-5.951	-5.412	-4.115	-1.968	0.746

Table 7-51-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1243 1321-GR-1-1 HA. (HA.) MUKAWA EMB. MAX. ACC. = -100.997 (GAL) T= 14.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-3.762	-5.072	-5.543	-5.232	-4.426	-3.491	-2.710	-2.179	-1.810	-1.428
11	0.10	-0.904	-0.250	0.369	0.715	0.605	0.007	-0.931	-1.949	-2.787	-3.285
21	0.20	-3.423	-3.281	-2.956	-2.482	-1.820	-0.918	0.191	1.318	2.125	2.240
31	0.30	1.423	-0.285	-2.510	-4.642	-6.037	-6.262	-5.258	-3.367	-1.195	0.619
41	0.40	1.640	1.762	1.201	0.349	-0.416	-0.880	-1.039	-1.033	-1.022	-1.073
51	0.50	-1.126	-1.046	-0.728	-0.194	0.388	0.768	0.733	0.223	-0.629	-1.553
61	0.60	-2.265	-2.603	-2.598	-2.447	-2.391	-2.580	-2.971	-3.343	-3.403	-2.948
71	0.70	-1.995	-0.811	0.180	0.572	0.163	-0.951	-2.392	-3.648	-4.274	-4.052
81	0.80	-3.064	-1.639	-0.205	0.869	1.388	1.365	0.958	0.380	-0.200	-0.687
91	0.90	-1.058	-1.317	-1.460	-1.468	-1.331	-1.084	-0.820	-0.664	-0.721	-1.006
101	1.00	-1.415	-1.747	-1.775	-1.344	-0.451	0.735	1.920	2.785	3.099	2.799
111	1.10	2.003	0.965	-0.017	-0.693	-0.932	-0.732	-0.200	0.507	1.230	1.848
121	1.20	2.292	2.550	2.649	2.655	2.648	2.707	2.884	3.166	3.467	3.628
131	1.30	3.467	2.841	1.724	0.249	-1.300	-2.559	-3.195	-3.026	-2.094	-9.670
141	1.40	0.830	1.981	2.493	2.303	1.583	0.662	-0.108	-0.484	-0.421	-0.064
151	1.50	0.325	0.485	0.263	-0.326	-1.122	-1.883	-2.389	-2.512	-2.266	-1.689
161	1.60	-0.987	-0.272	0.367	0.897	1.315	1.622	1.812	1.868	1.787	1.592
171	1.70	1.337	1.087	0.888	0.735	0.565	0.284	-0.190	-0.872	-1.676	-2.421
181	1.80	-2.883	-2.873	-2.326	-1.342	-0.176	0.836	1.389	1.328	0.705	-0.226
191	1.90	-1.105	-1.599	-1.534	-0.959	-0.120	0.659	1.121	1.198	1.042	0.955
201	2.00	1.234	2.016	3.186	4.404	5.233	5.328	4.588	3.197	1.555	0.106
211	2.10	-0.834	-1.175	-1.037	-0.641	-0.163	0.356	1.000	1.871	2.959	4.067
221	2.20	4.853	4.976	4.281	2.922	1.339	0.089	-0.403	-0.045	0.868	1.790
231	2.30	2.187	1.800	0.779	-0.396	-1.157	-1.154	-0.446	0.513	1.088	0.794
241	2.40	-0.457	-2.289	-4.042	-5.097	-5.181	-4.501	-3.628	-3.193	-3.539	-4.526
251	2.50	-5.589	-6.018	-5.331	-3.549	-1.219	0.821	1.825	1.483	0.047	-1.808
261	2.60	-3.319	-3.991	-3.792	-3.096	-2.418	-2.092	-2.066	-1.935	-1.182	0.500
271	2.70	2.986	5.719	7.951	9.082	8.937	7.821	6.333	5.022	4.089	3.291
281	2.80	2.099	0.044	-2.930	-6.314	-9.155	-10.434	-9.509	-6.429	-1.961	2.693
291	2.90	6.346	8.266	8.393	7.274	5.749	4.558	4.042	4.055	4.117	3.690
301	3.00	2.469	0.527	-1.706	-3.636	-4.746	-4.805	-3.945	-2.605	-1.355	-0.686
311	3.10	-0.821	-1.653	-2.764	-3.597	-3.663	-2.757	-1.068	0.845	2.233	2.440
321	3.20	1.165	-1.383	-4.532	-7.372	-9.088	-9.244	-7.904	-5.546	-2.799	-0.170
331	3.30	2.125	4.131	5.953	7.520	8.456	8.180	6.193	2.426	-2.550	-7.590
341	3.40	-11.343	-12.762	-11.541	-8.260	-4.148	-0.575	1.513	1.948	1.322	0.626
351	3.50	0.718	1.903	3.797	5.562	6.355	5.778	4.091	2.098	0.775	0.809
361	3.60	2.292	4.692	7.094	8.590	8.626	7.163	4.620	1.660	-1.052	-3.026
371	3.70	-3.997	-3.900	-2.822	-0.975	1.287	3.486	5.085	5.636	4.950	3.206
381	3.80	0.920	-1.227	-2.658	-3.117	-2.762	-2.055	-1.527	-1.525	-2.074	-2.913
391	3.90	-3.682	-4.136	-4.273	-4.294	-4.416	-4.671	-4.793	-4.304	-2.749	0.007
401	4.00	3.604	7.231	9.883	10.733	9.452	6.321	2.088	-2.334	-6.208	-9.171
411	4.10	-11.226	-12.559	-13.302	-13.375	-12.507	-10.408	-6.993	-2.531	2.372	6.945
421	4.20	10.511	12.686	13.450	13.055	11.848	10.110	7.980	5.517	2.808	0.065
431	4.30	-2.377	-4.161	-5.060	-5.088	-4.501	-3.676	-2.939	-2.420	-2.023	-1.525
441	4.40	-0.736	0.349	1.510	2.392	2.666	2.186	1.062	-0.400	-1.830	-2.942
451	4.50	-3.607	-3.838	-3.705	-3.262	-2.528	-1.529	-0.374	0.728	1.537	1.920
461	4.60	1.980	2.072	2.659	4.046	6.113	8.210	9.300	8.358	4.841	-0.961
471	4.70	-7.889	-14.245	-18.369	-19.225	-16.734	-11.736	-5.593	0.363	5.263	8.854
481	4.80	11.317	12.901	13.604	13.090	10.904	6.847	1.319	-4.621	-9.522	-12.061
491	4.90	-11.570	-8.324	-3.443	1.544	5.281	7.040	6.869	5.388	3.379	1.394

Table 7-51-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1243 1321-GR-1-1 HA. (HA.) MUKAWA EMB. MAX. ACC. = -100.997 (GAL) T= 14.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.428	-2.260	-4.294	-6.454	-8.287	-9.119	-8.397	-6.045	-2.620	0.823
511	5.10	3.123	3.496	1.874	-1.049	-4.088	-6.048	-6.184	-4.461	-1.503	1.725
521	5.20	4.345	5.905	6.496	6.597	6.758	7.255	7.913	8.157	7.286	4.843
531	5.30	0.911	-3.800	-8.132	-10.868	-11.173	-8.920	-4.764	0.082	4.270	6.783
541	5.40	7.256	6.031	3.925	1.841	0.377	-0.372	-0.761	-1.310	-2.344	-3.747
551	5.50	-4.952	-5.179	-3.821	-0.778	3.416	7.756	11.136	12.778	12.498	10.719
561	5.60	8.218	5.744	3.710	2.082	0.536	-1.244	-3.270	-5.150	-6.227	-5.906
571	5.70	-4.006	-0.951	2.313	4.651	5.178	3.616	0.400	-3.501	-6.965	-9.132
581	5.80	-9.666	-8.776	-7.012	-4.961	-2.998	-1.203	0.534	2.303	3.992	5.241
591	5.90	5.579	4.669	2.538	-0.324	-3.084	-4.857	-5.050	-3.620	-1.107	1.564
601	6.00	3.442	3.930	3.003	1.196	-0.640	-1.709	-1.608	-0.476	1.087	2.303
611	6.10	2.565	1.694	0.005	-1.856	-3.209	-3.646	-3.182	-2.215	-1.290	-0.806
621	6.20	-0.798	-0.901	-0.531	0.825	3.320	6.620	9.985	12.550	13.656	13.114
631	6.30	11.256	8.774	6.418	4.680	3.625	2.921	2.058	0.644	-1.365	-3.606
641	6.40	-5.459	-6.322	-5.900	-4.373	-2.359	-0.694	-0.114	-0.976	-3.133	-6.001
651	6.50	-8.793	-10.814	-11.693	-11.464	-10.483	-9.221	-8.042	-7.052	-6.094	-4.870
661	6.60	-3.127	-0.826	1.796	4.293	6.160	7.023	6.759	5.518	3.632	1.481
671	6.70	-0.637	-2.558	-4.222	-5.591	-6.574	-7.008	-6.726	-5.661	-3.933	-1.861
681	6.80	0.129	1.663	2.575	2.982	3.221	3.686	4.623	5.993	7.471	8.585
691	6.90	8.938	8.401	7.184	5.745	4.576	3.982	3.950	4.173	4.223	3.780
701	7.00	2.789	1.485	0.257	-0.569	-0.911	-0.976	-1.145	-1.758	-2.893	-4.287
711	7.10	-5.425	-5.773	-5.051	-3.399	-1.358	0.335	1.049	0.527	-1.013	-2.985
721	7.20	-4.695	-5.644	-5.733	-5.279	-4.838	-4.924	-5.738	-7.043	-8.230	-8.556
731	7.30	-7.457	-4.809	-1.023	3.054	6.418	8.238	8.146	6.346	3.526	0.593
741	7.40	-1.664	-2.851	-3.081	-2.870	-2.868	-3.537	-4.917	-6.581	-7.808	-7.898
751	7.50	-6.490	-3.744	-0.297	2.980	5.317	6.325	6.092	5.076	3.857	2.884
761	7.60	2.342	2.192	2.323	2.726	3.537	4.948	6.992	9.371	11.439	12.399
771	7.70	11.649	9.113	5.379	1.542	-1.213	-2.103	-1.089	1.094	3.267	4.322
781	7.80	3.718	1.695	-0.861	-2.858	-3.500	-2.643	-0.815	1.065	2.134	1.968
791	7.90	0.731	-0.969	-2.415	-3.118	-3.016	-2.435	-1.869	-1.718	-2.113	-2.904
801	8.00	-3.789	-4.489	-4.876	-4.987	-4.948	-4.870	-4.795	-4.718	-4.642	-4.631
811	8.10	-4.786	-5.163	-5.679	-6.075	-5.998	-5.156	-3.493	-1.279	0.960	2.635
821	8.20	3.342	3.033	2.029	0.879	0.113	0.042	0.665	1.732	2.900	3.885
831	8.30	4.528	4.758	4.503	3.636	2.008	-0.424	-3.451	-6.550	-8.976	-9.989
841	8.40	-9.135	-6.436	-2.408	2.114	6.254	9.356	11.102	11.464	10.554	8.479
851	8.50	5.312	1.196	-3.497	-8.058	-11.516	-12.887	-11.529	-7.435	-1.318	5.569
861	8.60	11.814	16.281	18.413	18.297	16.500	13.770	10.755	7.860	5.247	2.940
871	8.70	0.934	-0.765	-2.184	-3.433	-4.709	-6.202	-7.943	-9.675	-10.851	-10.794
881	8.80	-8.975	-5.298	-0.235	5.249	9.981	12.962	13.673	12.201	9.133	5.284
891	8.90	1.397	-2.065	-4.964	-7.378	-9.424	-11.111	-12.289	-12.696	-12.080	-10.321
901	9.00	-7.518	-4.006	-0.318	2.905	5.040	5.637	4.570	2.125	-1.002	-3.878
911	9.10	-5.617	-5.713	-4.277	-2.055	-0.167	0.336	-1.053	-4.015	-7.470	-9.976
921	9.20	-10.315	-8.011	-3.544	1.843	6.665	9.793	10.878	10.399	9.340	8.669
931	9.30	8.875	9.795	10.786	11.134	10.475	8.998	7.333	6.190	5.951	6.432
941	9.40	6.948	6.648	4.948	1.851	-2.021	-5.670	-8.135	-8.870	-7.911	-5.792
951	9.50	-3.263	-0.984	0.673	1.642	2.039	1.999	1.582	0.787	-0.350	-1.685
961	9.60	-2.967	-3.953	-4.555	-4.930	-5.430	-6.414	-8.010	-9.950	-11.591	-12.134
971	9.70	-10.970	-7.977	-3.635	1.107	5.174	7.747	8.543	7.847	6.309	4.612
981	9.80	3.159	1.943	0.632	-1.170	-3.632	-6.510	-9.165	-10.775	-10.652	-8.533
991	9.90	-4.715	0.005	4.560	7.938	9.461	8.960	6.779	3.645	0.440	-2.036

Table 7-51-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1243 1321-GR-1-1 HA. (HA.) MUKAWA EMB. MAX. ACC. = -100.997 (GAL) T= 14.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-3.261	-3.099	-1.800	0.088	1.883	2.961	2.930	1.743	-0.275	-2.521
1011	10.10	-4.286	-4.974	-4.302	-2.404	0.169	2.704	4.381	4.728	3.703	1.749
1021	10.20	-0.345	-1.717	-1.736	-0.257	2.323	5.169	7.296	7.910	6.678	3.832
1031	10.30	0.077	-3.673	-6.600	-8.225	-8.498	-7.719	-6.342	-4.773	-3.242	-1.801
1041	10.40	-0.420	0.894	2.023	2.769	2.959	2.566	1.763	0.872	0.216	-0.047
1051	10.50	-0.018	-0.018	-0.426	-1.464	-3.044	-4.754	-6.011	-6.305	-5.431	-3.578
1061	10.60	-1.259	0.917	2.482	3.266	3.387	3.092	2.556	1.750	0.465	-1.512
1071	10.70	-4.169	-7.115	-9.610	-10.793	-10.013	-7.131	-2.621	2.561	7.304	10.715
1081	10.80	12.386	12.448	11.408	9.884	8.347	7.014	5.889	4.907	4.071	3.486
1091	10.90	3.284	3.493	3.940	4.274	4.114	3.248	1.779	0.119	-1.174	-1.647
1101	11.00	-1.176	-0.033	1.222	1.992	1.898	0.933	-0.567	-2.102	-3.236	-3.770
1111	11.10	-3.774	-3.486	-3.149	-2.878	-2.628	-2.270	-1.716	-1.011	-0.350	-0.002
1121	11.20	-0.200	-1.057	-2.545	-4.541	-6.882	-9.392	-11.855	-13.958	-15.264	-15.272
1131	11.30	-13.573	-10.042	-6.993	0.806	6.286	10.357	12.217	11.581	8.733	4.416
1141	11.40	-0.398	-4.761	-7.938	-9.503	-9.349	-7.647	-4.790	-1.338	2.061	4.776
1151	11.50	6.336	6.544	5.547	3.796	1.906	0.465	-0.141	0.187	1.284	2.838
1161	11.60	4.530	6.131	7.537	8.730	9.709	10.446	10.875	10.911	10.481	9.539
1171	11.70	8.060	6.040	3.512	0.589	-2.497	-5.394	-7.697	-9.065	-9.355	-8.679
1181	11.80	-7.359	-5.766	-4.138	-2.455	-0.472	2.105	5.360	8.980	12.235	14.185
1191	11.90	14.024	11.428	6.727	0.832	-5.065	-9.882	-12.958	-14.162	-13.777	-12.261
1201	12.00	-10.019	-7.298	-4.245	-1.042	1.983	4.373	5.687	5.708	4.581	2.791
1211	12.10	0.974	-0.352	-1.003	-1.178	-1.318	-1.853	-2.953	-4.437	-5.847	-6.660
1221	12.20	-6.520	-5.363	-3.608	-1.020	1.438	3.704	5.618	7.057	7.891	7.991
1231	12.30	7.319	6.018	4.431	3.007	2.105	1.810	1.869	1.794	1.123	-0.310
1241	12.40	-2.229	-3.998	-4.903	-4.501	-2.860	-0.547	1.634	3.022	3.408	3.095
1251	12.50	2.689	2.711	3.257	3.893	3.848	2.426	-0.579	-4.686	-8.859	-11.910
1261	12.60	-12.990	-11.909	-9.166	-5.655	-2.247	0.553	2.706	4.458	6.020	7.305
1271	12.70	7.889	7.227	5.008	1.437	-2.717	-6.372	-8.568	-8.865	-7.526	-5.361
1281	12.80	-3.343	-2.162	-1.951	-2.301	-2.538	-2.111	-0.876	0.853	2.507	3.576
1291	12.90	3.870	3.590	3.174	3.028	3.294	3.792	4.153	4.069	3.518	2.813
1301	13.00	2.470	2.942	4.377	6.517	8.797	10.585	11.436	11.232	10.164	8.568
1311	13.10	6.740	4.822	2.826	0.760	-1.240	-2.867	-3.720	-3.491	-2.144	0.005
1321	13.20	2.353	4.211	5.025	4.546	2.862	0.317	-2.630	-5.517	-7.939	-9.546
1331	13.30	-10.039	-9.211	-7.041	-3.791	-0.025	3.492	6.020	7.105	6.752	5.418
1341	13.40	3.810	2.556	1.924	1.711	1.370	0.317	-1.733	-4.569	-7.531	-9.774
1351	13.50	-10.628	-9.881	-7.835	-5.135	-2.451	-0.196	1.598	3.171	4.780	6.446
1361	13.60	7.843	8.414	7.642	5.357	1.890	-1.995	-5.387	-7.593	-8.408	-8.162
1371	13.70	-7.527	-7.162	-7.395	-8.061	-8.599	-8.333	-6.822	-4.103	-0.720	2.463
1381	13.80	4.591	5.127	4.029	1.723	-1.097	-3.753	-5.825	-7.272	-8.393	-9.664
1391	13.90	-11.514	-14.139	-17.395	-20.813	-23.722	-25.439	-25.483	-23.736	-20.522	-16.554
1401	14.00	-12.768	-10.082	-9.138	-10.130	-12.754	-16.320	-19.979	-22.986	-24.896	-25.641
1411	14.10	-25.455	-24.700	-23.674	-22.479	-21.014	-19.061	-16.433	-13.085	-9.155	-4.905
1421	14.20	-0.605	3.573	7.605	11.580	15.605	19.703	23.760	27.560	30.885	33.635
1431	14.30	35.919	38.044	40.422	43.405	47.126	51.605	55.775	59.615	62.366	63.735
1441	14.40	63.816	63.075	62.187	61.779	62.168	63.203	64.287	64.572	63.278	60.000
1451	14.50	54.878	48.539	41.839	35.493	29.762	24.351	18.552	11.600	3.069	-6.882
1461	14.60	-17.510	-27.765	-36.686	-43.741	-48.922	-52.576	-55.050	-56.353	-56.046	-53.425
1471	14.70	-47.942	-39.661	-29.489	-19.067	-10.316	-4.834	-3.416	-5.888	-11.326	-18.527
1481	14.80	-26.489	-34.687	-43.036	-51.629	-60.422	-69.084	-77.084	-83.953	-89.517	-93.937
1491	14.90	-97.466	-100.050	-100.997	-98.965	-92.373	-80.105	-62.219	-40.302	-17.254	3.480

Table 7-51-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1243 1321-GR-1-1 HA. (HA.) MUKAWA EMB. MAX. ACC. = -100.997 (GAL) T= 14.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	18.928	27.481	29.259	25.857	19.595	12.640	6.380	1.280	-2.785	-5.978
1511	15.10	-8.048	-8.236	-5.567	0.633	10.294	22.480	35.656	48.215	59.010	67.617
1521	15.20	74.230	79.258	82.854	84.646	83.807	79.452	71.167	59.403	45.541	31.597
1531	15.30	19.664	11.356	7.426	7.750	11.539	17.730	25.319	33.483	41.669	49.282
1541	15.40	55.824	60.695	63.409	63.746	61.860	58.246	53.563	48.396	43.054	37.516
1551	15.50	31.555	24.959	17.748	10.274	3.130	-3.074	-7.975	-11.631	-14.513	-17.318
1561	15.60	-20.705	-25.046	-30.337	-36.267	-42.419	-48.458	-54.234	-59.729	-64.897	-69.505
1571	15.70	-73.071	-74.966	-74.630	-71.806	-66.664	-59.746	-51.758	-43.325	-34.833	-26.462
1581	15.80	-18.378	-10.979	-5.033	-1.592	-1.676	-5.859	-13.953	-24.949	-37.272	-49.243
1591	15.90	-59.542	-67.460	-72.832	-75.710	-75.986	-73.179	-66.553	-55.528	-40.191	-21.638
1601	16.00	-1.938	16.328	30.779	39.913	43.463	42.301	37.952	31.970	25.466	18.977
1611	16.10	12.692	6.858	2.104	-0.520	0.168	4.997	14.012	26.321	40.317	54.176
1621	16.20	66.422	76.301	83.824	89.503	93.926	97.389	99.757	100.561	99.261	95.503
1631	16.30	89.241	80.703	70.246	58.229	45.006	31.815	16.926	3.699	-7.520	-15.668
1641	16.40	-19.973	-20.384	-17.394	-11.968	-5.222	1.855	8.540	14.336	18.842	21.480
1651	16.50	21.735	19.034	13.110	4.173	-7.044	-19.455	-31.933	-43.639	-54.202	-63.689
1661	16.60	-72.376	-80.435	-87.715	-93.689	-97.614	-98.805	-96.898	-91.981	-84.569	-75.434
1671	16.70	-65.419	-55.297	-45.736	-37.333	-30.661	-26.262	-24.545	-25.649	-29.315	-34.846
1681	16.80	-41.190	-47.120	-51.466	-53.313	-52.136	-47.835	-40.707	-31.352	-20.567	-9.212
1691	16.90	1.924	12.236	21.393	29.340	36.241	42.339	47.822	52.713	56.850	59.965
1701	17.00	61.801	62.245	61.390	59.523	57.049	54.398	51.949	50.003	48.800	48.525
1711	17.10	49.307	51.181	54.037	57.592	61.405	64.944	67.684	69.201	69.248	67.792
1721	17.20	65.024	61.344	57.307	53.529	50.529	48.543	47.365	46.294	44.251	40.074
1731	17.30	32.911	22.569	9.685	-4.392	-17.955	-29.413	-37.704	-42.485	-44.054	-43.084
1741	17.40	-40.319	-36.389	-31.816	-27.155	-23.148	-20.731	-20.856	-24.154	-30.650	-39.617
1751	17.50	-49.742	-59.501	-67.603	-73.316	-76.519	-77.501	-76.630	-74.081	-69.759	-63.464
1761	17.60	-55.166	-45.253	-34.583	-24.316	-15.605	-9.293	-5.776	-5.046	-6.882	-11.029
1771	17.70	-17.253	-25.234	-34.383	-43.704	-51.850	-57.380	-59.158	-56.703	-50.350	-41.129
1781	17.80	-30.429	-19.582	-9.548	-0.799	6.585	12.707	17.656	21.427	23.960	25.250
1791	17.90	25.435	24.807	23.740	22.592	21.650	21.147	21.336	22.535	25.101	29.301
1801	18.00	35.137	42.216	49.756	56.745	62.205	65.443	66.184	64.539	60.834	55.426
1811	18.10	48.595	40.581	31.729	22.625	14.113	7.134	2.620	0.188	-0.014	0.800
1821	18.20	1.395	0.780	-1.415	-4.818	-8.492	-11.347	-12.597	-12.060	-10.189	-7.822
1831	18.30	-5.801	-4.638	-4.379	-4.722	-5.309	-6.035	-7.201	-9.446	-13.456	-19.603
1841	18.40	-27.661	-36.721	-45.360	-51.966	-55.127	-53.935	-48.135	-38.114	-24.776	-9.365
1851	18.50	6.711	22.049	35.410	45.873	52.966	56.714	57.593	56.359	53.818	50.610
1861	18.60	47.092	43.369	39.427	35.288	31.087	27.017	23.174	19.396	15.223	10.032
1871	18.70	3.331	-4.931	-14.191	-23.357	-31.142	-36.512	-39.037	-38.983	-37.080	-34.085
1881	18.80	-30.363	-25.700	-19.475	-11.120	-0.652	11.000	22.051	30.326	33.957	32.023
1891	18.90	24.881	14.059	1.774	-9.716	-18.668	-24.159	-26.063	-24.828	-21.175	-15.866
1901	19.00	-9.594	-2.973	3.445	9.158	13.733	16.811	18.070	17.174	13.748	7.439
1911	19.10	-1.904	-13.999	-27.965	-42.356	-55.426	-65.584	-71.843	-74.066	-72.894	-69.358
1921	19.20	-64.374	-58.352	-51.128	-42.243	-31.438	-19.084	-6.323	5.194	13.871	18.769
1931	19.30	19.975	18.555	16.127	14.244	13.886	15.246	17.882	21.092	24.297	27.233
1941	19.40	29.891	32.288	34.244	35.318	34.971	32.841	28.989	23.958	18.590	13.700
1951	19.50	9.769	6.818	4.516	2.459	0.456	-1.332	-2.477	-2.526	-1.272	1.113
1961	19.60	4.155	7.312	10.239	12.927	15.646	18.726	22.298	26.150	29.782	32.622
1971	19.70	34.296	34.785	34.390	33.516	32.395	30.910	28.614	24.961	19.635	12.808
1981	19.80	5.199	-2.099	-7.957	-11.554	-12.592	-11.291	-8.213	-4.006	0.796	5.836
1991	19.90	10.864	15.598	19.616	22.361	23.243	21.813	17.919	11.785	3.985	-4.659

Table 7-51-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1243 1321-GR-1-1 HA. (HA.) MUKAWA EMB. MAX. ACC. = -100.997 (GAL) T= 14.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-13.211	-20.758	-26.528	-29.997	-30.994	-29.776	-27.047	-23.866	-21.442	-20.832
2011	20.10	-22.650	-26.881	-32.888	-39.626	-45.991	-51.164	-54.826	-57.152	-58.598	-59.578
2021	20.20	-60.193	-60.111	-58.673	-55.175	-49.202	-40.886	-30.978	-20.699	-11.432	-4.350
2031	20.30	-0.099	1.365	0.750	-0.773	-1.901	-1.565	0.758	4.872	9.891	14.479
2041	20.40	17.252	17.233	14.201	8.815	2.431	-3.335	-7.155	-8.430	-7.456	-5.212
2051	20.50	-2.873	-1.235	-0.310	0.704	3.050	7.788	15.176	24.374	33.611	40.794
2061	20.60	44.324	43.782	40.178	35.640	32.642	33.061	37.446	44.765	52.758	58.739
2071	20.70	60.546	57.298	49.672	39.650	29.835	22.607	19.422	20.460	24.711	30.411
2081	20.80	35.641	38.893	39.417	37.289	33.237	28.307	23.516	19.576	16.766	14.928
2091	20.90	13.566	11.993	9.482	5.409	-0.617	-8.646	-18.315	-28.838	-39.104	-47.883
2101	21.00	-54.112	-57.186	-57.149	-54.701	-50.992	-47.268	-44.478	-43.019	-42.695	-42.929
2111	21.10	-43.114	-42.952	-42.618	-42.669	-43.727	-46.098	-49.492	-52.992	-55.296	-55.142
2121	21.20	-51.731	-44.997	-35.622	-24.814	-13.970	-4.351	3.128	7.972	10.082	9.719
2131	21.30	7.475	4.250	1.176	-0.556	0.043	3.486	9.638	17.732	26.594	34.982
2141	21.40	41.896	46.735	49.249	49.340	46.887	41.706	33.716	23.239	11.251	-0.591
2151	21.50	-10.240	-15.793	-16.084	-11.066	-1.822	9.808	21.824	32.632	41.336	47.687
2161	21.60	51.760	53.576	52.892	49.275	42.407	32.440	20.195	7.059	-5.384	-15.811
2171	21.70	-23.511	-28.447	-31.026	-31.717	-30.725	-27.908	-22.970	-15.826	-6.936	2.588
2181	21.80	11.202	17.372	20.080	19.147	15.249	9.626	3.626	-1.720	-5.920	-8.974
2191	21.90	-11.154	-12.729	-13.793	-14.268	-14.047	-13.173	-11.928	-10.782	-10.200	-10.420
2201	22.00	-11.298	-12.322	-12.776	-12.007	-9.657	-5.785	-0.825	4.587	9.839	14.506
2211	22.10	18.411	21.545	23.918	25.411	25.708	24.354	20.929	15.267	7.644	-1.153
2221	22.20	-9.927	-17.311	-22.099	-23.559	-21.619	-16.874	-10.399	-3.431	2.973	8.179
2231	22.30	12.050	14.833	16.914	18.545	19.666	19.886	18.637	15.430	10.113	3.020
2241	22.40	-5.046	-12.993	-19.714	-24.355	-26.490	-26.156	-23.769	-19.959	-15.405	-10.734
2251	22.50	-6.471	-3.052	-0.839	-0.112	-1.024	-3.538	-7.393	-12.114	-17.093	-21.725
2261	22.60	-25.539	-28.289	-29.975	-30.779	-30.957	-30.731	-30.216	-29.423	-28.302	-26.820
2271	22.70	-25.014	-23.003	-20.947	-18.974	-17.119	-15.294	-13.320	-10.996	-8.195	-4.931
2281	22.80	-1.377	2.175	5.401	8.052	10.036	11.457	12.582	13.759	15.290	17.314
2291	22.90	19.725	22.166	24.107	25.000	24.468	22.468	19.369	15.902	12.990	11.503
2301	23.00	12.009	14.636	19.066	24.679	30.786	36.839	42.544	47.827	52.687	57.028
2311	23.10	60.561	62.837	63.418	62.087	58.991	54.639	49.726	44.860	40.319	35.959
2321	23.20	31.306	25.817	19.156	11.381	2.932	-5.545	-13.453	-20.440	-26.440	-31.546
2331	23.30	-35.814	-39.118	-41.152	-41.600	-40.381	-37.824	-34.665	-31.829	-30.093	-29.779
2341	23.40	-30.649	-32.037	-33.179	-33.571	-33.186	-32.439	-31.947	-32.196	-33.298	-34.964
2351	23.50	-36.688	-38.032	-38.850	-39.328	-39.807	-40.503	-41.266	-41.542	-40.553	-37.642
2361	23.60	-32.604	-25.854	-18.360	-11.356	-5.991	-3.025	-2.702	-4.788	-8.715	-13.737
2371	23.70	-19.038	-23.775	-27.121	-28.331	-26.872	-22.561	-15.638	-6.732	3.300	13.594
2381	23.80	23.464	32.477	40.406	47.103	52.398	56.088	58.035	58.297	57.222	55.389
2391	23.90	53.438	51.827	50.657	49.661	48.364	46.355	43.521	40.143	36.795	34.100
2401	24.00	32.470	31.954	32.251	32.860	33.293	33.209	32.440	30.908	28.523	25.138
2411	24.10	20.612	14.940	8.378	1.465	-5.087	-10.602	-14.662	-17.228	-18.620	-19.373
2421	24.20	-20.038	-21.017	-22.506	-24.518	-26.962	-29.707	-32.601	-35.462	-38.076	-40.241
2431	24.30	-41.843	-42.926	-43.697	-44.428	-45.285	-46.162	-46.617	-45.964	-43.511	-38.847
2441	24.40	-32.053	-23.739	-14.883	-6.557	0.350	5.296	8.088	8.760	7.426	4.203
2451	24.50	-0.760	-7.184	-14.559	-22.146	-29.090	-34.612	-38.178	-39.573	-38.843	-36.142
2461	24.60	-31.597	-25.257	-17.170	-7.546	3.109	13.973	24.046	32.419	38.543	42.396
2471	24.70	44.461	45.522	46.367	47.518	49.083	50.773	52.056	52.356	51.235	48.496
2481	24.80	44.208	38.675	32.389	25.966	20.081	15.388	12.414	11.460	12.544	15.398
2491	24.90	19.538	24.379	29.337	33.904	37.649	40.185	41.141	40.165	36.990	31.536

Table 7-51-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1243 1321-GR-1-1 HA. (HA.) MUKAWA EMB. MAX. ACC. = -100.997 (GAL) T= 14.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	24.013	14.960	5.214	-4.219	-12.326	-18.265	-21.503	-21.889	-19.662	-15.401
2511	25.10	-9.929	-4.192	0.883	4.520	6.209	5.762	3.312	-0.744	-5.856	-11.440
2521	25.20	-16.984	-22.121	-26.661	-30.591	-34.039	-37.215	-40.337	-43.538	-46.796	-49.902
2531	25.30	-52.494	-54.173	-54.649	-53.881	-52.143	-49.961	-47.953	-46.615	-46.146	-46.388
2541	25.40	-46.913	-47.215	-46.921	-45.930	-44.404	-42.644	-40.889	-39.169	-37.266	-34.810
2551	25.50	-31.459	-27.070	-21.782	-15.960	-10.061	-4.458	0.656	5.275	9.481	13.316
2561	25.60	16.696	19.410	21.207	21.926	21.603	20.516	19.146	18.087	17.933	19.189
2571	25.70	22.188	27.030	33.524	41.146	49.064	56.243	61.660	64.569	64.741	62.561
2581	25.80	58.926	54.956	51.606	49.335	47.972	46.833	45.048	41.957	37.391	31.736
2591	25.90	25.745	20.209	15.640	12.120	9.386	7.083	5.055	3.512	2.975	4.021
2601	26.00	6.939	11.485	16.841	21.828	25.280	26.409	25.023	21.502	16.566	10.961
2611	26.10	5.221	-0.406	-5.839	-10.966	-15.466	-18.800	-20.377	-19.830	-17.287	-13.471
2621	26.20	-9.589	-7.012	-6.878	-9.742	-15.427	-23.099	-31.528	-39.443	-45.837	-50.151
2631	26.30	-52.291	-52.525	-51.306	-49.114	-46.336	-43.224	-39.902	-36.408	-32.744	-28.919
2641	26.40	-24.981	-21.020	-17.155	-13.506	-10.150	-7.104	-4.325	-1.747	0.654	2.816
2651	26.50	4.569	5.684	5.957	5.314	3.886	2.008	0.150	-1.212	-1.722	-1.220
2661	26.60	0.244	2.478	5.226	8.240	11.297	14.182	16.655	18.449	19.321	19.140
2671	26.70	17.972	16.114	14.037	12.254	11.151	10.858	11.202	11.786	12.128	11.840
2681	26.80	10.750	8.940	6.698	4.412	2.458	1.118	0.535	0.704	1.477	2.571
2691	26.90	3.603	4.143	3.822	2.456	0.155	-2.653	-5.297	-7.055	-7.390	-6.141
2701	27.00	-3.589	-0.356	2.831	5.407	7.172	8.319	9.295	10.543	12.244	14.188
2711	27.10	15.821	16.457	15.568	13.011	9.105	4.526	0.062	-3.655	-6.325	-8.019
2721	27.20	-9.050	-9.778	-10.426	-10.988	-11.267	-11.001	-10.006	-8.279	-6.001	-3.470
2731	27.30	-0.998	1.167	2.870	4.015	4.525	4.319	3.336	1.599	-0.716	-3.261
2741	27.40	-5.565	-7.148	-7.658	-6.968	-5.202	-2.674	0.235	3.200	6.029	8.667
2751	27.50	11.124	13.387	15.344	16.763	17.338	16.783	14.927	11.791	7.611	2.805
2761	27.60	-2.104	-6.593	-10.244	-12.824	-14.321	-14.926	-14.957	-14.727	-14.434	-14.084
2771	27.70	-13.489	-12.371	-10.514	-7.923	-4.909	-2.045	-0.015	0.610	-0.436	-3.031
2781	27.80	-6.718	-10.887	-14.988	-18.676	-21.846	-24.532	-26.752	-28.380	-29.131	-28.665
2791	27.90	-26.765	-23.505	-19.294	-14.788	-10.682	-7.489	-5.381	-4.188	-3.518	-2.950
2801	28.00	-2.197	-1.172	0.058	1.387	2.786	4.332	6.181	8.438	11.070	13.868
2811	28.10	16.507	18.661	20.130	20.909	21.163	21.146	21.082	21.089	21.163	21.227
2821	28.20	21.204	21.088	20.954	20.934	21.154	21.683	22.494	23.468	24.405	25.057
2831	28.30	25.149	24.419	22.648	19.719	15.660	10.666	5.085	-0.637	-6.042	-10.731
2841	28.40	-14.412	-16.902	-18.097	-17.951	-16.477	-13.780	-10.103	-5.851	-1.554	2.223
2851	28.50	5.013	6.552	6.827	6.030	4.454	2.374	-0.033	-2.690	-5.553	-8.530
2861	28.60	-11.424	-13.960	-15.869	-17.004	-17.416	-17.356	-17.184	-17.235	-17.702	-18.579
2871	28.70	-19.701	-20.844	-21.827	-22.581	-23.130	-23.518	-23.732	-23.652	-23.077	-21.813
2881	28.80	-19.772	-17.040	-13.857	-10.541	-7.354	-4.412	-1.641	1.162	4.227	7.691
2891	28.90	11.534	15.581	19.577	23.287	26.570	29.383	31.733	33.577	34.756	34.989
2901	29.00	33.945	31.392	27.343	22.147	16.473	11.183	7.113	4.862	4.628	6.187
2911	29.10	8.983	12.323	15.576	18.320	20.387	21.792	22.604	22.821	22.317	20.884
2921	29.20	18.350	14.714	10.237	5.422	0.892	-2.798	-5.335	-6.746	-7.371	-7.728
2931	29.30	-8.323	-9.486	-11.286	-13.558	-16.011	-18.361	-20.431	-22.171	-23.612	-24.777
2941	29.40	-25.618	-25.998	-25.748	-24.747	-23.002	-20.665	-17.992	-15.249	-12.619	-10.150
2951	29.50	-7.757	-5.298	-2.655	0.193	3.152	6.044	8.664	10.825	12.371	13.167
2961	29.60	13.067	11.923	9.625	6.186	1.825	-3.002	-7.652	-11.428	-13.761	-14.373
2971	29.70	-13.357	-11.148	-8.394	-5.767	-3.795	-2.758	-2.671	-3.347	-4.499	-5.827
2981	29.80	-7.086	-8.101	-8.770	-9.040	-8.900	-8.373	-7.509	-6.389	-5.117	-3.823
2991	29.90	-2.668	-1.841	-1.540	-1.934	-3.095	-4.939	-7.202	-9.469	-11.272	-12.217

Table 7-51-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1243 1321-GR-1-1 HA. (HA.) MUKAWA EMB. MAX. ACC. = -100.997 (GAL) T= 14.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-12.102	-10.958	-9.005	-6.539	-3.794	-0.872	2.248	5.609	9.145	12.610
3011	30.10	15.592	17.661	18.538	18.250	17.142	15.756	14.619	14.031	13.963	14.112
3021	30.20	14.086	13.620	12.720	11.655	10.815	10.496	10.743	11.322	11.850	11.992
3031	30.30	11.647	11.002	10.436	10.312	10.773	11.646	12.492	12.800	12.216	10.699
3041	30.40	8.545	6.253	4.329	3.088	2.570	2.562	2.727	2.746	2.429	1.738
3051	30.50	0.752	-0.397	-1.593	-2.754	-3.843	-4.853	-5.801	-6.735	-7.718	-8.814
3061	30.60	-10.043	-11.346	-12.583	-13.572	-14.168	-14.343	-14.230	-14.096	-14.244	-14.902
3071	30.70	-16.132	-17.817	-19.719	-21.583	-23.226	-24.561	-25.562	-26.185	-26.319	-25.797
3081	30.80	-24.480	-22.371	-19.680	-16.794	-14.149	-12.046	-10.512	-9.274	-7.879	-5.910
3091	30.90	-3.198	0.077	3.446	6.367	8.476	9.771	10.638	11.688	13.489	16.310
3101	31.00	19.987	23.974	27.543	30.054	31.170	30.939	29.730	28.067	26.439	25.173
3111	31.10	24.392	24.057	24.037	24.177	24.327	24.339	24.064	23.366	22.157	20.438
3121	31.20	18.309	15.949	13.555	11.266	9.113	7.042	4.945	2.762	0.434	-1.891
3131	31.30	-4.095	-6.059	-7.742	-9.194	-10.531	-11.880	-13.326	-14.893	-16.557	-18.283
3141	31.40	-20.054	-21.871	-23.722	-25.540	-27.189	-28.489	-29.292	-29.563	-29.430	-29.166
3151	31.50	-29.094	-29.454	-30.287	-31.391	-32.380	-32.818	-32.385	-30.992	-28.798	-26.128
3161	31.60	-23.322	-20.593	-17.950	-15.231	-12.209	-8.738	-4.853	-0.792	3.074	6.367
3171	31.70	8.828	10.390	11.171	11.415	11.402	11.382	11.544	12.027	12.945	14.394
3181	31.80	16.435	19.051	22.125	25.447	28.762	31.853	34.608	37.045	39.272	41.399
3191	31.90	43.441	45.270	46.629	47.225	46.842	45.434	43.149	40.274	37.122	33.934
3201	32.00	30.816	27.770	24.771	21.863	19.208	17.046	15.595	14.914	14.811	14.844
3211	32.10	14.422	12.982	10.179	5.994	0.746	-5.015	-10.681	-15.762	-19.997	-23.379
3221	32.20	-26.092	-28.402	-30.545	-32.663	-34.783	-36.850	-38.781	-40.507	-42.002	-43.280
3231	32.30	-44.386	-45.369	-46.268	-47.099	-47.851	-48.486	-48.939	-49.125	-48.948	-48.318
3241	32.40	-47.157	-45.417	-43.082	-40.173	-36.744	-32.880	-28.691	-24.300	-19.828	-15.377
3251	32.50	-11.015	-6.772	-2.652	1.339	5.171	8.764	12.007	14.783	17.022	18.754
3261	32.60	20.131	21.411	22.910	24.913	27.598	30.973	34.860	38.919	42.711	45.775
3271	32.70	47.721	48.297	47.439	45.287	42.161	38.499	34.767	31.353	28.489	26.207
3281	32.80	24.354	22.673	20.910	18.914	16.697	14.429	12.357	10.704	9.563	8.851
3291	32.90	8.321	7.647	6.534	4.817	2.515	-0.184	-2.995	-5.639	-7.934	-9.850
3301	33.00	-11.498	-13.079	-14.794	-16.767	-18.995	-21.350	-23.627	-25.623	-27.200	-28.329
3311	33.10	-29.079	-29.563	-29.872	-30.018	-29.917	-29.425	-28.407	-26.811	-24.713	-22.303
3321	33.20	-19.821	-17.481	-15.395	-13.556	-11.869	-10.217	-8.529	-6.799	-5.070	-3.365
3331	33.30	-1.632	0.272	2.546	5.367	8.699	12.436	16.228	19.671	22.426	24.324
3341	33.40	25.413	25.914	26.118	26.259	26.437	26.596	26.581	26.217	25.394	24.094
3351	33.50	22.380	20.348	18.081	15.624	12.998	10.225	7.355	4.479	1.709	-0.847
3361	33.60	-3.110	-5.029	-6.569	-7.696	-8.364	-8.536	-8.215	-7.476	-6.491	-5.509
3371	33.70	-4.812	-4.658	-5.215	-6.528	-8.501	-10.921	-13.487	-15.872	-17.774	-18.973
3381	33.80	-19.379	-19.050	-18.170	-17.001	-15.801	-14.753	-13.925	-13.277	-12.725	-12.211
3391	33.90	-11.764	-11.495	-11.541	-11.966	-12.685	-13.438	-13.852	-13.559	-12.337	-10.188
3401	34.00	-7.341	-4.170	-1.060	1.708	4.010	5.855	7.311	8.425	9.189	9.565
3411	34.10	9.555	9.253	8.863	8.642	8.804	9.423	10.396	11.677	12.375	12.876
3421	34.20	12.916	12.597	12.120	11.697	11.469	11.473	11.674	12.016	12.475	13.067
3431	34.30	13.813	14.696	15.215	16.404	16.873	16.888	16.426	15.579	14.514	13.394
3441	34.40	12.307	11.234	10.078	8.719	7.094	5.230	3.242	1.282	-0.528	-2.151
3451	34.50	-3.657	-5.195	-6.938	-9.023	-11.501	-14.310	-17.287	-20.194	-22.763	-24.750
3461	34.60	-25.977	-26.377	-25.999	-25.007	-23.634	-22.127	-20.687	-19.422	-18.343	-17.377
3471	34.70	-16.417	-15.366	-14.174	-12.842	-11.408	-9.917	-8.396	-6.841	-5.213	-3.456
3481	34.80	-1.513	0.651	3.025	5.534	8.028	10.292	12.084	13.193	13.518	13.120
3491	34.90	12.232	11.211	10.432	10.166	10.489	11.257	12.177	12.928	13.305	13.308

Table 7-51-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1243 1321-GR-1-1 HA. (HA.) MUKAWA EMB. MAX. ACC. = -100.997 (GAL) T= 14.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	13.165	13.143	13.604	14.671	16.263	18.097	19.794	21.014	21.571	21.469
3511	35.10	20.879	20.043	19.187	18.445	17.841	17.314	16.750	16.030	15.046	13.722
3521	35.20	12.022	9.969	7.665	5.298	3.112	1.347	0.159	-0.457	-0.690	-0.884
3531	35.30	-1.438	-2.696	-4.832	-7.815	-11.420	-15.316	-19.162	-22.693	-25.759	-28.322
3541	35.40	-30.408	-32.066	-33.330	-34.208	-34.688	-34.751	-34.380	-33.565	-32.313	-30.648
3551	35.50	-28.627	-26.343	-23.913	-21.457	-19.060	-16.749	-14.496	-12.252	-10.010	-7.850
3561	35.60	-5.959	-4.587	-3.952	-4.137	-5.007	-6.206	-7.234	-7.580	-6.875	-4.988
3571	35.70	-2.055	1.589	5.516	9.329	12.732	15.560	17.749	19.298	20.236	20.623
3581	35.80	20.559	20.190	19.696	19.241	18.917	18.711	18.501	18.118	17.415	16.361
3591	35.90	14.970	13.475	12.065	10.909	10.096	9.635	9.493	9.647	10.109	10.908
3601	36.00	12.044	13.423	14.829	15.948	16.435	16.012	14.548	12.092	8.857	5.152
3611	36.10	1.313	-2.353	-5.595	-8.223	-10.097	-11.133	-11.323	-10.750	-9.602	-8.145
3621	36.20	-6.677	-5.466	-4.695	-4.439	-4.675	-5.313	-6.234	-7.310	-8.413	-9.409
3631	36.30	-10.154	-10.514	-10.387	-9.738	-8.612	-7.129	-5.444	-3.710	-2.039	-0.496
3641	36.40	0.889	2.097	3.104	3.877	4.397	4.672	4.751	4.708	4.613	4.503
3651	36.50	4.367	4.167	3.871	3.490	3.087	2.766	2.616	2.672	2.889	3.154
3661	36.60	3.342	3.366	3.220	2.974	2.733	2.581	2.540	2.562	2.567	2.488
3671	36.70	2.313	2.082	1.851	1.644	1.415	1.049	0.408	-0.600	-1.966	-3.567
3681	36.80	-5.204	-6.669	-7.816	-8.595	-9.035	-9.199	-9.128	-8.811	-8.205	-7.279
3691	36.90	-6.065	-4.684	-3.320	-2.166	-1.356	-0.923	-0.811	-0.913	-1.142	-1.471
3701	37.00	-1.933	-2.585	-3.442	-4.434	-5.401	-6.141	-6.481	-6.345	-5.787	-4.972
3711	37.10	-4.108	-3.374	-2.852	-2.515	-2.244	-1.890	-1.333	-0.526	0.480	1.556
3721	37.20	2.531	3.238	3.561	3.673	3.069	2.447	1.869	1.505	1.471	1.775
3731	37.30	2.324	2.967	3.570	4.080	4.553	5.131	5.965	7.131	8.561	10.016
3741	37.40	11.286	12.011	12.056	11.422	10.251	8.751	7.100	5.393	3.634	1.796
3751	37.50	-0.101	-1.942	-3.520	-4.608	-5.053	-4.855	-4.178	-3.289	-2.458	-1.853
3761	37.60	-1.502	-1.323	-1.206	-1.113	-1.122	-1.399	-2.113	-3.327	-4.936	-6.685
3771	37.70	-8.258	-9.409	-10.059	-10.323	-10.438	-10.641	-11.043	-11.571	-12.002	-12.065
3781	37.80	-11.578	-10.533	-9.106	-7.579	-6.221	-5.183	-4.457	-3.916	-3.408	-2.853
3791	37.90	-2.294	-1.871	-1.744	-1.990	-2.541	-3.183	-3.635	-3.647	-3.098	-2.033
3801	38.00	-0.630	0.885	2.328	3.625	4.819	6.015	7.313	8.739	10.220	11.610
3811	38.10	12.746	13.517	13.897	13.950	13.794	13.549	13.291	13.037	12.750	12.377
3821	38.20	11.882	11.267	10.580	9.896	9.292	8.827	8.529	8.387	8.363	8.391
3831	38.30	8.393	8.282	7.977	7.413	6.559	5.426	4.063	2.548	0.971	-0.594
3841	38.40	-2.091	-3.484	-4.743	-5.836	-6.719	-7.350	-7.718	-7.860	-7.880	-7.932
3851	38.50	-8.183	-8.759	-9.700	-10.932	-12.283	-13.525	-14.433	-14.845	-14.689	-13.987
3861	38.60	-12.834	-11.367	-9.736	-8.090	-6.568	-5.295	-4.365	-3.819	-3.627	-3.678
3871	38.70	-3.806	-3.832	-3.625	-3.146	-2.470	-1.746	-1.139	-0.754	-0.584	-0.507
3881	38.80	-0.330	0.130	0.971	2.159	3.538	4.889	6.012	6.795	7.251	7.491
3891	38.90	7.675	7.931	8.312	8.773	9.202	9.462	9.446	9.106	8.452	7.539
3901	39.00	6.436	5.204	3.900	2.572	1.281	0.095	-0.918	-1.708	-2.267	-2.629
3911	39.10	-2.863	-3.047	-3.234	-3.428	-3.576	-3.581	-3.335	-2.754	-1.813	-0.562
3921	39.20	0.874	2.319	3.579	4.493	4.966	5.000	4.691	4.199	3.706	3.355
3931	39.30	3.213	3.253	3.371	3.429	3.308	2.945	2.346	1.567	0.679	-0.258
3941	39.40	-1.216	-2.176	-3.110	-3.950	-4.592	-4.916	-4.830	-4.302	-3.379	-2.164
3951	39.50	-0.781	0.665	2.100	3.462	4.662	5.554	5.948	5.664	4.620	2.915
3961	39.60	0.849	-1.130	-2.556	-3.097	-2.674	-1.485	0.073	1.558	2.649	3.243
3971	39.70	3.460	3.538	3.691	3.979	4.271	4.296	3.781	2.586	0.791	-1.312
3981	39.80	-3.321	-4.862	-5.720	-5.897	-5.586	-5.080	-4.655	-4.487	-4.608	-4.932
3991	39.90	-5.310	-5.594	-5.688	-5.554	-5.213	-4.711	-4.098	-3.410	-2.665	-1.865

Table 7-51-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1243 1321-GR-1-1 HA. (HA.) MUKAWA EMB. MAX. ACC. = -100.997 (GAL) T= 14.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-1.007	-0.094	0.851	1.782	2.628	3.315	3.781	4.005	4.015	3.877
4011	40.10	3.664	3.426	3.162	2.825	2.351	1.712	0.949	0.186	-0.414	-0.709
4021	40.20	-0.645	-0.294	0.168	0.530	0.642	0.483	0.181	-0.036	0.062	0.606
4031	40.30	1.564	2.748	3.882	4.708	5.079	4.996	4.587	4.036	3.494	3.015
4041	40.40	2.547	1.965	1.136	-0.015	-1.478	-3.159	-4.920	-6.620	-8.158	-9.476
4051	40.50	-10.556	-11.396	-11.992	-12.331	-12.399	-12.193	-11.729	-11.047	-10.205	-9.265
4061	40.60	-8.288	-7.324	-6.407	-5.558	-4.778	-4.050	-3.347	-2.641	-1.925	-1.229
4071	40.70	-0.621	-0.196	-0.045	-0.208	-0.646	-1.234	-1.791	-2.139	-2.168	-1.875
4081	40.80	-1.370	-0.833	-0.438	-0.284	-0.358	-0.553	-0.724	-0.760	-0.647	-0.466
4091	40.90	-0.346	-0.393	-0.615	-0.900	-1.054	-0.880	-0.269	0.751	2.024	3.334
4101	41.00	4.498	5.435	6.178	6.824	7.452	8.048	8.491	8.601	8.229	7.347
4111	41.10	6.082	4.672	3.366	2.318	1.522	0.836	0.073	-0.868	-1.922	-2.854
4121	41.20	-3.350	-3.166	-2.252	-0.805	0.799	2.144	2.940	3.134	2.914	2.613
4131	41.30	2.551	2.899	3.618	4.496	5.258	5.695	5.748	5.516	5.192	4.964
4141	41.40	4.939	5.110	5.391	5.682	5.922	6.116	6.310	6.549	6.831	7.098
4151	41.50	7.261	7.250	7.051	6.724	6.369	6.078	5.881	5.721	5.478	5.015
4161	41.60	4.251	3.201	1.986	0.801	-0.150	-0.721	-0.869	-0.664	-0.263	0.138
4171	41.70	0.367	0.310	-0.065	-0.720	-1.575	-2.544	-3.571	-4.645	-5.792	-7.060
4181	41.80	-8.486	-10.066	-11.744	-13.410	-14.918	-16.120	-16.894	-17.170	-16.941	-16.270
4191	41.90	-15.274	-14.113	-12.960	-11.970	-11.249	-10.820	-10.621	-10.505	-10.290	-9.806
4201	42.00	-8.958	-7.755	-6.306	-4.785	-3.362	-2.145	-1.149	-0.308	0.483	1.302
4211	42.10	2.161	2.998	3.708	4.203	4.456	4.524	4.519	4.556	4.701	4.939
4221	42.20	5.189	5.357	5.393	5.339	5.328	5.536	6.120	7.151	8.583	10.267
4231	42.30	12.009	13.630	15.015	16.137	17.028	17.747	18.328	18.762	18.991	18.929
4241	42.40	18.491	17.626	16.323	14.628	12.631	10.458	8.254	6.163	4.303	2.744
4251	42.50	1.493	0.502	-0.314	-1.045	-1.754	-2.457	-3.130	-3.737	-4.254	-4.701
4261	42.60	-5.131	-5.618	-6.207	-6.894	-7.608	-8.233	-8.648	-8.771	-8.582	-8.128
4271	42.70	-7.494	-6.767	-6.012	-5.260	-4.531	-3.859	-3.316	-3.005	-3.042	-3.501
4281	42.80	-4.378	-5.568	-6.885	-8.100	-9.007	-9.477	-9.488	-9.118	-8.512	-7.832
4291	42.90	-7.203	-6.681	-6.246	-5.818	-5.288	-4.564	-3.602	-2.422	-1.111	0.213
4301	43.00	1.429	2.458	3.286	3.968	4.600	5.286	6.086	6.994	7.928	8.758
4311	43.10	9.345	9.582	9.422	8.883	8.032	6.961	5.763	4.527	3.334	2.268
4321	43.20	1.404	0.799	0.455	0.310	0.229	0.037	-0.424	-1.242	-2.389	-3.722
4331	43.30	-5.020	-6.052	-6.657	-6.782	-6.493	-5.930	-5.247	-4.544	-3.839	-3.074
4341	43.40	-2.159	-1.034	0.284	1.676	2.940	3.842	4.177	3.825	2.789	1.195
4351	43.50	-0.732	-2.718	-4.492	-5.845	-6.658	-6.920	-6.714	-6.176	-5.455	-4.670
4361	43.60	-3.883	-3.104	-2.316	-1.512	-0.726	-0.044	0.419	0.559	0.328	-0.233
4371	43.70	-1.002	-1.806	-2.483	-2.932	-3.134	-3.142	-3.027	-2.826	-2.506	-1.970
4381	43.80	-1.103	0.148	1.716	3.382	4.817	5.671	5.683	4.776	3.095	0.967
4391	43.90	-1.192	-2.996	-4.194	-4.711	-4.637	-4.151	-3.436	-2.616	-1.733	-0.771
4401	44.00	0.290	1.429	2.562	3.564	4.320	4.773	4.956	4.983	5.005	5.151
4411	44.10	5.482	5.976	6.551	7.112	7.595	7.991	8.325	8.622	8.853	8.918
4421	44.20	8.656	7.908	6.584	4.730	2.538	0.311	-1.626	-3.032	-3.824	-4.097
4431	44.30	-4.087	-4.071	-4.264	-4.746	-5.442	-6.177	-6.762	-7.087	-7.170	-7.148
4441	44.40	-7.204	-7.480	-7.996	-8.633	-9.171	-9.385	-9.138	-8.449	-7.489	-6.519
4451	44.50	-5.793	-5.467	-5.550	-5.925	-6.409	-6.834	-7.102	-7.200	-7.164	-7.019
4461	44.60	-6.743	-6.254	-5.449	-4.266	-2.732	-0.983	0.777	2.344	3.588	4.501
4471	44.70	5.191	5.824	6.546	7.424	8.413	9.385	10.187	10.711	10.937	10.932
4481	44.80	10.816	10.701	10.647	10.636	10.596	10.434	10.092	9.575	8.955	8.350
4491	44.90	7.872	7.597	7.527	7.595	7.680	7.646	7.380	6.821	5.975	4.910

Table 7-51-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1243 1321-GR-1-1 HA. (HA.) MUKAWA EMB. MAX. ACC. = -100.997 (GAL) T= 14.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	3.731	2.550	1.455	0.490	-0.353	-1.112	-1.836	-2.553	-3.249	-3.871
4511	45.10	-4.341	-4.592	-4.592	-4.370	-4.011	-3.633	-3.355	-3.260	-3.375	-3.670
4521	45.20	-4.075	-4.510	-4.914	-5.268	-5.589	-5.927	-6.335	-6.845	-7.455	-8.115
4531	45.30	-8.741	-9.228	-9.472	-9.397	-8.967	-8.196	-7.155	-5.955	-4.734	-3.630
4541	45.40	-2.756	-2.173	-1.873	-1.784	-1.781	-1.721	-1.482	-0.999	-0.283	0.584
4551	45.50	1.475	2.266	2.876	3.296	3.593	3.876	4.264	4.832	5.591	6.483
4561	45.60	7.405	8.241	8.894	9.309	9.468	9.379	9.056	8.514	7.768	6.847
4571	45.70	5.805	4.728	3.724	2.904	2.359	2.137	2.244	2.644	3.277	4.067
4581	45.80	4.934	5.791	6.544	7.091	7.336	7.200	6.649	5.708	4.467	3.065
4591	45.90	1.669	0.433	-0.533	-1.193	-1.583	-1.797	-1.953	-2.147	-2.420	-2.743
4601	46.00	-3.023	-3.152	-3.048	-2.706	-2.216	-1.742	-1.471	-1.538	-1.979	-2.705
4611	46.10	-3.537	-4.275	-4.770	-4.984	-4.993	-4.942	-4.965	-5.118	-5.341	-5.485
4621	46.20	-5.378	-4.906	-4.076	-3.022	-1.958	-1.097	-0.578	-0.420	-0.531	-0.763
4631	46.30	-0.974	-1.077	-1.055	-0.938	-0.766	-0.559	-0.307	0.006	0.379	0.772
4641	46.40	1.110	1.315	1.337	1.179	0.897	0.565	0.245	-0.046	-0.329	-0.636
4651	46.50	-0.967	-1.265	-1.416	-1.298	-0.828	-0.018	1.016	2.088	3.005	3.636
4661	46.60	3.953	4.020	3.949	3.834	3.698	3.487	3.105	2.475	1.599	0.579
4671	46.70	-0.408	-1.169	-1.574	-1.600	-1.347	-0.995	-0.739	-0.729	-1.031	-1.627
4681	46.80	-2.446	-3.405	-4.435	-5.489	-6.523	-7.472	-8.243	-8.723	-8.820	-8.508
4691	46.90	-7.857	-7.034	-6.266	-5.780	-5.729	-6.150	-6.945	-7.917	-8.821	-9.434
4701	47.00	-9.608	-9.292	-8.532	-7.436	-6.138	-4.761	-3.399	-2.110	-0.933	0.108
4711	47.10	0.984	1.669	2.140	2.397	2.468	2.424	2.361	2.387	2.594	3.028
4721	47.20	3.674	4.456	5.256	5.949	6.444	6.706	6.770	6.723	6.668	6.691
4731	47.30	6.832	7.078	7.382	7.684	7.942	8.135	8.257	8.295	8.205	7.913
4741	47.40	7.328	6.379	5.052	3.406	1.571	-0.291	-2.028	-3.539	-4.786	-5.779
4751	47.50	-6.547	-7.101	-7.421	-7.470	-7.224	-6.709	-6.012	-5.277	-4.660	-4.280
4761	47.60	-4.188	-4.352	-4.679	-5.053	-5.373	-5.576	-5.631	-5.525	-5.243	-4.767
4771	47.70	-4.081	-3.201	-2.183	-1.120	-0.119	0.739	1.433	2.005	2.543	3.138
4781	47.80	3.841	4.645	5.489	6.303	7.042	7.720	8.395	9.135	9.963	10.819
4791	47.90	11.559	12.000	11.985	11.454	10.481	9.258	8.028	7.003	6.290	5.857
4801	48.00	5.554	5.186	4.593	3.712	2.600	1.403	0.288	-0.622	-1.299	-1.808
4811	48.10	-2.270	-2.797	-3.433	-4.130	-4.762	-5.179	-5.272	-5.021	-4.516	-3.922
4821	48.20	-3.432	-3.194	-3.279	-3.665	-4.271	-4.997	-5.772	-6.559	-7.348	-8.115
4831	48.30	-8.793	-9.263	-9.376	-9.014	-8.144	-6.857	-5.364	-3.940	-2.846	-2.253
4841	48.40	-2.192	-2.558	-3.159	-3.787	-4.282	-4.567	-4.639	-4.537	-4.296	-3.919
4851	48.50	-3.376	-2.629	-1.664	-0.514	0.743	2.007	3.191	4.251	5.187	6.030
4861	48.60	6.812	7.537	8.174	8.671	8.989	9.125	9.127	9.075	9.048	9.086
4871	48.70	9.171	9.233	9.187	8.976	8.606	8.158	7.754	7.514	7.501	7.698
4881	48.80	8.002	8.269	8.359	8.185	7.731	7.051	6.239	5.388	4.574	3.839
4891	48.90	3.206	2.692	2.314	2.091	2.029	2.108	2.275	2.458	2.578	2.575
4901	49.00	2.416	2.097	1.627	1.011	0.241	-0.699	-1.815	-3.082	-4.437	-5.781
4911	49.10	-7.004	-8.015	-8.768	-9.271	-9.578	-9.763	-9.899	-10.035	-10.190	-10.359
4921	49.20	-10.519	-10.645	-10.712	-10.700	-10.595	-10.394	-10.111	-9.772	-9.410	-9.053
4931	49.30	-8.712	-8.372	-8.000	-7.565	-7.054	-6.491	-5.924	-5.410	-4.979	-4.614
4941	49.40	-4.258	-3.834	-3.294	-2.648	-1.972	-1.381	-0.975	-0.785	-0.744	-0.701
4951	49.50	-0.477	0.066	0.969	2.160	3.488	4.784	5.924	6.865	7.639	8.307
4961	49.60	8.912	9.441	9.832	10.004	9.905	9.546	9.001	8.388	7.818	7.372
4971	49.70	7.083	6.954	6.982	7.172	7.529	8.037	8.624	9.156	9.460	9.374
4981	49.80	8.809	7.782	6.421	4.920	3.474	2.214	1.184	0.349	-0.359	-0.997
4991	49.90	-1.580	-2.087	-2.490	-2.785	-3.013	-3.238	-3.523	-3.887	-4.289	-4.649

Table 7-51-11

TABLE OF CORRECTED ACCELERATION RECORD

NO.11

INDEX NO. 1243 1321-GR-1-1 HA. (HA.) MUKAWA EMB. MAX. ACC. = -100.997 (GAL) T= 14.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-4.884	-4.964	-4.932	-4.901	-5.014	-5.387	-6.061	-6.996	-8.083	-9.190
5011	50.10	-10.206	-11.066	-11.747	-12.251	-12.579	-12.719	-12.654	-12.380	-11.925	-11.358
5021	50.20	-10.772	-10.262	-9.895	-9.694	-9.632	-9.651	-9.673	-9.613	-9.390	-8.922
5031	50.30	-8.140	-6.994	-5.474	-3.627	-1.562	0.565	2.582	4.337	5.733	6.743
5041	50.40	7.394	7.756	7.902	7.899	7.795	7.624	7.416	7.205	7.025	6.908
5051	50.50	6.880	6.956	7.145	7.450	7.870	8.385	8.953	9.496	9.915	10.105
5061	50.60	9.986	9.534	8.788	7.844	6.822	5.834	4.948	4.184	3.525	2.941
5071	50.70	2.423	1.988	1.677	1.530	1.553	1.704	1.889	1.986	1.874	1.468
5081	50.80	0.735	-0.299	-1.565	-2.967	-4.401	-5.766	-6.962	-7.895	-8.475	-8.631
5091	50.90	-8.322	-7.562	-6.432	-5.075	-3.680	-2.443	-1.517	-0.978	-0.795	-0.842
5101	51.00	-0.940	-0.905	-0.616	-0.050	0.713	1.525	2.230	2.725	3.000	3.142
5111	51.10	3.294	3.592	4.104	4.800	5.558	6.214	6.624	6.716	6.512	6.105
5121	51.20	5.618	5.144	4.722	4.332	3.926	3.468	2.964	2.464	2.031	1.702
5131	51.30	1.451	1.185	0.771	0.089	-0.912	-2.178	-3.561	-4.859	-5.878	-6.502
5141	51.40	-6.714	-6.596	-6.283	-5.909	-5.563	-5.265	-4.985	-4.673	-4.303	-3.898
5151	51.50	-3.523	-3.270	-3.215	-3.388	-3.764	-4.262	-4.778	-5.206	-5.471	-5.529
5161	51.60	-5.380	-5.046	-4.575	-4.020	-3.439	-2.883	-2.388	-1.962	-1.580	-1.194
5171	51.70	-0.744	-0.184	0.497	1.267	2.064	2.814	3.464	4.000	4.447	4.856
5181	51.80	5.277	5.733	6.214	6.685	7.102	7.431	7.653	7.758	7.732	7.566
5191	51.90	7.163	6.565	5.775	4.879	4.011	3.322	2.925	2.848	3.020	3.297
5201	52.00	3.512	3.542	3.348	2.984	2.560	2.183	1.908	1.711	1.506	1.195
5211	52.10	0.715	0.078	-0.630	-1.281	-1.747	-1.944	-1.851	-1.502	-0.971	-0.337
5221	52.20	0.320	0.933	1.633	1.757	1.844	1.654	1.180	0.458	-0.442	-1.432
5231	52.30	-2.420	-3.329	-4.101	-4.691	-5.065	-5.199	-5.087	-4.754	-4.258	-3.680
5241	52.40	-3.106	-2.596	-2.165	-1.781	-1.382	-0.915	-0.361	0.248	0.837	1.323
5251	52.50	1.645	1.794	1.813	1.779	1.771	1.839	1.997	2.223	2.484	2.751
5261	52.60	3.002	3.220	3.372	3.393	3.193	2.677	1.779	0.498	-1.084	-2.817
5271	52.70	-4.510	-5.986	-7.119	-7.866	-8.256	-8.376	-8.324	-8.182	-7.995	-7.768
5281	52.80	-7.479	-7.102	-6.622	-6.049	-5.415	-4.773	-4.180	-3.693	-3.347	-3.153
5291	52.90	-3.056	-3.088	-3.077	-2.967	-2.692	-2.229	-1.608	-0.907	-0.225	0.354
5301	53.00	0.796	1.135	1.462	1.898	2.540	3.428	4.518	5.695	6.805	7.697
5311	53.10	8.270	8.490	8.385	8.029	7.510	6.908	6.283	5.668	5.078	4.511
5321	53.20	3.950	3.370	2.747	2.071	1.365	0.691	0.141	-0.191	-0.243	-0.023
5331	53.30	0.386	0.840	1.181	1.288	1.111	0.683	0.090	-0.574	-1.246	-1.918
5341	53.40	-2.617	-3.372	-4.178	-4.976	-5.666	-6.140	-6.330	-6.233	-5.911	-5.460
5351	53.50	-4.976	-4.522	-4.122	-3.778	-3.492	-3.288	-3.200	-3.250	-3.413	-3.606
5361	53.60	-3.697	-3.550	-3.079	-2.293	-1.299	-0.278	0.578	1.128	1.325	1.220
5371	53.70	0.941	0.641	0.459	0.487	0.767	1.294	2.028	2.905	3.839	4.731
5381	53.80	5.481	6.006	6.262	6.258	6.044	5.695	5.277	4.823	4.328	3.765
5391	53.90	3.111	2.372	1.594	0.847	0.194	-0.340	-0.779	-1.193	-1.658	-2.221
5401	54.00	-2.874	-3.553	-4.162	-4.611	-4.852	-4.893	-4.784	-4.592	-4.367	-4.128
5411	54.10	-3.865	-3.560	-3.215	-2.859	-2.548	-2.341	-2.269	-2.317	-2.427	-2.518
5421	54.20	-2.518	-2.391	-2.148	-1.831	-1.494	-1.168	-0.852	-0.512	-0.110	0.378
5431	54.30	0.937	1.520	2.064	2.514	2.845	3.063	3.191	3.243	3.209	3.051
5441	54.40	2.720	2.195	1.502	0.730	0.010	-0.522	-0.767	-0.698	-0.362	0.145
5451	54.50	0.720	1.287	1.823	2.340	2.864	3.394	3.887	4.256	4.405	4.266
5461	54.60	3.830	3.155	2.354	1.552	0.851	0.308	-0.070	-0.303	-0.412	-0.396
5471	54.70	-0.229	0.119	0.662	1.363	2.133	2.839	3.341	3.533	3.371	2.890
5481	54.80	2.192	1.410	0.674	0.069	-0.380	-0.701	-0.959	-1.218	-1.515	-1.847
5491	54.90	-2.168	-2.413	-2.524	-2.468	-2.259	-1.945	-1.602	-1.303	-1.101	-1.020

Table 7-51-12

TABLE OF CORRECTED ACCELERATION RECORD

NO.12

INDEX NO. 1243 1321-GR-1-1 HA. (HA.) MUKAWA EMB. MAX. ACC. = -100.997 (GAL) T= 14.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.056	-1.184	-1.379	-1.625	-1.921	-2.277	-2.702	-3.192	-3.722	-4.242
5511	55.10	-4.681	-4.963	-5.022	-4.818	-4.355	-3.676	-2.866	-2.027	-1.256	-0.623
5521	55.20	-0.153	0.175	0.615	0.633	0.830	1.178	1.515	1.858	2.170	2.428
5531	55.30	2.632	2.801	2.959	3.126	3.302	3.479	3.648	3.816	4.012	4.290
5541	55.40	4.706	5.300	6.072	6.969	7.894	8.725	9.344	9.667	9.664	9.364
5551	55.50	8.844	8.206	7.550	6.953	6.456	6.064	5.770	5.564	5.458	5.488
5561	55.60	5.698	6.120	6.741	7.488	8.227	8.790	9.019	8.811	8.156	7.138
5571	55.70	5.913	4.656	3.514	2.560	1.782	1.101	0.409	-0.388	-1.336	-2.422
5581	55.80	-3.583	-4.734	-5.789	-6.683	-7.378	-7.860	-8.131	-8.206	-8.109	-7.887
5591	55.90	-7.606	-7.351	-7.215	-7.275	-7.574	-8.109	-8.826	-9.637	-10.443	-11.159
5601	56.00	-11.731	-12.141	-12.396	-12.516	-12.509	-12.369	-12.075	-11.692	-10.938	-10.096
5611	56.10	-9.116	-8.059	-6.995	-5.985	-5.075	-4.283	-3.607	-3.026	-2.504	-1.991
5621	56.20	-1.432	-0.779	0.004	0.922	1.942	2.996	3.997	4.859	5.525	5.976
5631	56.30	6.234	6.342	6.346	6.273	6.128	5.904	5.600	5.243	4.890	4.621
5641	56.40	4.509	4.600	4.886	5.312	5.784	6.199	6.471	6.544	6.404	6.065
5651	56.50	5.565	4.950	4.271	3.575	2.900	2.269	1.687	1.140	0.607	0.068
5661	56.60	-0.485	-1.043	-1.582	-2.078	-2.521	-2.914	-3.274	-3.612	-3.925	-4.192
5671	56.70	-4.384	-4.487	-4.520	-4.548	-4.658	-4.931	-5.405	-6.048	-6.765	-7.432
5681	56.80	-7.941	-8.238	-8.338	-8.298	-8.183	-8.020	-7.785	-7.418	-6.870	-6.145
5691	56.90	-5.329	-4.572	-4.038	-3.841	-3.991	-4.384	-4.841	-5.166	-5.225	-4.982
5701	57.00	-4.501	-3.905	-3.318	-2.815	-2.403	-2.035	-1.652	-1.223	-0.766	-0.345
5711	57.10	-0.042	0.077	-0.010	-0.274	-0.645	-1.029	-1.335	-1.490	-1.445	-1.183
5721	57.20	-0.721	-0.118	0.537	1.129	1.555	1.745	1.690	1.447	1.113	0.784
5731	57.30	0.518	0.308	0.093	-0.204	-0.621	-1.122	-1.594	-1.881	-1.847	-1.444
5741	57.40	-0.736	0.113	0.903	1.474	1.772	1.860	1.891	2.032	2.395	2.984
5751	57.50	3.701	4.388	4.893	5.131	5.102	4.883	4.578	4.269	3.992	3.724
5761	57.60	3.421	3.042	2.585	2.086	1.609	1.220	0.964	0.859	0.903	1.089
5771	57.70	1.417	1.896	2.531	3.304	4.159	5.002	5.723	6.220	6.434	6.372
5781	57.80	6.100	5.729	5.384	5.167	5.136	5.305	5.651	6.141	6.742	7.432
5791	57.90	8.185	8.951	9.648	10.159	10.359	10.159	9.550	8.617	7.533	6.505
5801	58.00	5.702	5.207	4.982	4.905	4.822	4.624	4.290	3.889	3.530	3.303
5811	58.10	3.220	3.210	3.158	2.969	2.628	2.212	1.854	1.673	1.706	1.890
5821	58.20	2.084	2.152	2.028	1.751	1.440	1.221	1.150	1.185	1.215	1.140
5831	58.30	0.953	0.777	0.816	1.252	2.130	3.305	4.487	5.370	5.792	5.822
5841	58.40	5.745	5.911	6.533	7.526	8.433	8.806	7.954	5.702	2.275	-1.691

Table 7-52-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1244 1321-GR-1-1 HB. (HB.) MUKAWA EMB. MAX. ACC. = 105.049 (GAL) T= 18.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-3.640	-4.884	-5.311	-4.997	-4.271	-3.579	-3.287	-3.538	-4.206	-4.965
11	0.10	-5.439	-5.366	-4.693	-3.582	-2.320	-1.194	-0.383	0.082	0.288	0.365
21	0.20	0.404	0.420	0.354	0.129	-0.301	-0.912	-1.618	-2.304	-2.871	-3.267
31	0.30	-3.487	-3.559	-3.512	-3.365	-3.119	-2.775	-2.351	-1.887	-1.435	-1.046
41	0.40	-0.746	-0.538	-0.410	-0.353	-0.374	-0.493	-0.727	-1.061	-1.432	-1.736
51	0.50	-1.858	-1.714	-1.298	-0.691	-0.049	0.452	0.668	0.540	0.101	-0.541
61	0.60	-1.248	-1.901	-2.436	-2.844	-3.147	-3.371	-3.512	-3.534	-3.386	-3.023
71	0.70	-2.439	-1.669	-0.787	0.123	0.986	1.748	2.372	2.821	3.044	2.983
81	0.80	2.587	1.853	0.852	-0.266	-1.296	-2.037	-2.357	-2.245	-1.824	-1.310
91	0.90	-0.938	-0.876	-1.155	-1.656	-2.153	-2.391	-2.194	-1.536	-0.559	0.473
101	1.00	1.271	1.626	1.499	1.027	0.479	0.141	0.199	0.662	1.354	1.994
111	1.10	2.326	2.237	1.830	1.386	1.247	1.651	2.599	3.819	4.842	5.182
121	1.20	4.540	2.940	0.756	-1.417	-2.972	-3.509	-2.971	-1.645	-0.037	1.329
131	1.30	2.092	2.150	1.644	0.858	0.090	-0.444	-0.638	-0.472	0.033	0.832
141	1.40	1.841	2.901	3.758	4.114	3.728	2.546	0.785	-1.089	-2.498	-2.965
151	1.50	-2.322	-0.797	1.047	2.525	3.098	2.584	1.215	-0.478	-1.915	-2.711
161	1.60	-2.818	-2.505	-2.172	-2.121	-2.379	-2.674	-2.582	-1.755	-0.140	1.945
171	1.70	3.912	5.146	5.271	4.330	2.771	1.262	0.403	0.472	1.319	2.456
181	1.80	3.291	3.408	2.747	1.613	0.512	-0.108	-0.078	0.411	0.912	0.952
191	1.90	0.284	-0.973	-2.371	-3.335	-3.434	-2.600	-1.173	0.241	1.039	0.893
201	2.00	-0.097	-1.449	-2.511	-2.745	-1.954	-0.349	1.560	3.189	4.112	4.189
211	2.10	3.552	2.473	1.209	-0.106	-1.440	-2.775	-3.987	-4.811	-4.908	-4.032
221	2.20	-2.199	0.226	2.606	4.242	4.636	3.701	1.799	-0.397	-2.174	-3.048
231	2.30	-2.934	-2.130	-1.150	-0.476	-0.355	-0.726	-1.290	-1.683	-1.659	-1.194
241	2.40	-0.472	0.228	0.688	0.860	0.887	1.023	1.492	2.359	3.466	4.459
251	2.50	4.914	4.492	3.075	0.837	-1.800	-4.285	-6.106	-6.940	-6.732	-5.679
261	2.60	-4.122	-2.408	-0.769	0.716	2.075	3.333	4.406	5.072	5.039	4.096
271	2.70	2.266	-0.119	-2.493	-4.247	-4.983	-4.684	-3.721	-2.669	-2.016	-1.901
281	2.80	-2.022	-1.787	-0.639	1.589	4.475	7.086	8.339	7.470	4.430	-0.014
291	2.90	-4.526	-7.700	-8.604	-7.127	-3.981	-0.372	2.510	3.938	3.858	2.777
301	3.00	1.443	0.462	0.079	0.169	0.440	0.681	0.920	1.397	2.362	3.852
311	3.10	5.550	6.857	7.132	6.002	3.569	0.422	-2.576	-4.632	-5.320	-4.722
321	3.20	-3.341	-1.839	-0.747	-0.259	-0.222	-0.285	-0.133	0.332	0.942	1.359
331	3.30	1.278	0.605	-0.458	-1.474	-1.953	-1.561	-0.278	1.565	3.389	4.559
341	3.40	4.606	3.385	1.131	-1.616	-4.188	-6.001	-6.737	-6.439	-5.468	-4.353
351	3.50	-3.576	-3.384	-3.700	-4.186	-4.419	-4.132	-3.374	-2.529	-2.146	-2.652
361	3.60	-4.080	-5.937	-7.325	-7.272	-5.166	-1.086	4.111	9.039	12.271	12.876
371	3.70	10.785	6.829	2.413	-1.024	-2.546	-2.029	-0.128	2.064	3.507	3.622
381	3.80	2.466	0.619	-1.137	-2.168	-2.217	-1.425	-0.174	1.141	2.282	3.197
391	3.90	3.930	4.482	4.721	4.424	3.401	1.667	-0.478	-2.502	-3.816	-4.016
401	4.00	-3.057	-1.290	0.656	2.114	2.617	2.059	0.709	-0.905	-2.194	-2.706
411	4.10	-2.255	-0.962	0.803	2.536	3.751	4.108	3.499	2.067	0.143	-1.873
421	4.20	-3.650	-5.030	-6.037	-6.788	-7.346	-7.589	-7.183	-5.712	-2.911	1.081
431	4.30	5.607	9.601	11.923	11.787	9.119	4.646	-0.331	-4.407	-6.588	-6.625
441	4.40	-5.011	-2.682	-0.567	0.890	1.654	2.128	2.683	3.360	3.768	3.274
451	4.50	1.398	-1.825	-5.705	-9.090	-10.830	-10.276	-7.590	-3.706	0.050	2.500
461	4.60	3.067	1.955	-0.015	-1.806	-2.601	-2.092	-0.510	1.557	3.460	4.727
471	4.70	5.184	4.930	4.226	3.382	2.669	2.263	2.211	2.393	2.522	2.198
481	4.80	1.044	-0.994	-3.681	-6.277	-7.827	-7.507	-5.020	-0.830	3.900	7.688
491	4.90	9.264	8.173	4.777	0.279	-3.860	-6.486	-7.146	-6.158	-4.317	-2.445

Table 7-52-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1244 1321-GR-1-1 HB. (HB.) MUKAWA EMB. MAX. ACC. = 105.049 (GAL) T= 18.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.992	0.096	1.205	2.693	4.560	6.342	7.292	6.764	4.595	1.278
511	5.10	-2.175	-4.621	-5.261	-3.959	-1.291	1.717	4.015	4.934	4.408	2.925
521	5.20	1.269	0.175	0.044	0.821	2.065	3.144	3.476	2.727	0.907	-1.637
531	5.30	-4.327	-6.517	-7.664	-7.476	-5.992	-3.575	-0.809	1.669	3.355	4.018
541	5.40	3.753	2.927	2.040	1.551	1.733	2.592	3.868	5.109	5.794	5.473
551	5.50	3.904	1.153	-2.369	-5.957	-8.769	-10.058	-9.423	-6.987	-3.425	0.217
561	5.60	2.837	3.657	2.488	-0.202	-3.470	-6.254	-7.747	-7.668	-6.194	-3.967
571	5.70	-1.592	0.525	2.311	3.946	5.656	7.501	9.262	10.507	10.773	9.789
581	5.80	7.619	4.659	1.492	-1.317	-3.399	-4.650	-5.183	-5.296	-4.889	-4.309
591	5.90	-3.464	-2.357	-1.071	0.197	1.186	1.663	1.535	0.909	0.076	-0.587
601	6.00	-0.755	-0.293	0.674	1.773	2.496	2.381	1.203	-0.895	-3.384	-5.476
611	6.10	-6.370	-5.549	-3.010	0.654	4.394	7.022	7.619	5.868	2.196	-2.350
621	6.20	-6.459	-9.003	-9.409	-7.821	-4.988	-1.948	0.371	1.456	1.324	0.414
631	6.30	-0.661	-1.382	-1.506	-1.089	-0.377	0.354	0.941	1.376	1.765	2.229
641	6.40	2.816	3.465	4.033	4.367	4.376	4.072	3.573	3.070	2.784	2.910
651	6.50	3.568	4.744	6.250	7.706	8.596	8.389	6.734	3.638	-0.432	-4.611
661	6.60	-7.867	-9.342	-8.682	-6.214	-2.877	0.091	1.601	1.125	-1.105	-4.188
671	6.70	-6.906	-8.203	-7.578	-5.253	-2.050	0.950	2.819	3.098	1.891	-0.257
681	6.80	-2.618	-4.559	-5.702	-5.954	-5.412	-4.248	-2.628	-0.714	1.287	3.083
691	6.90	4.321	4.692	4.065	2.592	0.693	-1.071	-2.213	-2.518	-2.131	-1.485
701	7.00	-1.091	-1.282	-2.018	-2.869	-3.174	-2.343	-0.154	3.069	6.496	9.052
711	7.10	9.807	8.354	5.012	0.772	-3.024	-5.141	-4.903	-2.445	1.324	5.041
721	7.20	7.385	7.540	5.475	1.923	-1.921	-4.848	-6.059	-5.395	-3.323	-0.687
731	7.30	1.623	2.962	3.071	2.053	0.248	-1.914	-3.998	-5.592	-6.314	-5.852
741	7.40	-4.080	-1.180	2.279	5.418	7.295	7.243	5.170	1.667	-2.165	-5.113
751	7.50	-6.317	-5.613	-3.572	-1.243	0.313	0.461	-0.779	-2.806	-4.762	-5.937
761	7.60	-6.052	-5.309	-4.195	-3.187	-2.505	-2.045	-1.502	-0.593	0.755	2.367
771	7.70	3.921	5.139	5.926	6.373	6.639	6.770	6.602	5.818	4.141	1.579
781	7.80	-1.441	-4.131	-5.615	-5.296	-3.154	0.176	3.587	5.894	6.252	4.456
791	7.90	0.983	-3.199	-6.981	-9.462	-10.185	-9.182	-6.874	-3.882	-0.837	1.748
801	8.00	3.536	4.375	4.282	3.429	2.118	0.751	-0.232	-0.451	0.311	2.019
811	8.10	4.338	6.676	8.300	8.534	6.991	3.755	-0.545	-4.833	-7.878	-8.677
821	8.20	-6.843	-2.805	2.256	6.761	9.270	8.987	6.048	1.452	-3.335	-6.938
831	8.30	-8.557	-8.176	-6.425	-4.186	-2.163	-0.611	0.638	1.905	3.332	4.682
841	8.40	5.419	5.024	3.379	0.987	-1.130	-1.854	-0.522	2.655	6.548	9.497
851	8.50	9.982	7.290	1.878	-4.746	-10.582	-13.884	-13.796	-10.611	-5.564	-0.289
861	8.60	3.812	6.025	6.437	5.721	4.728	4.086	3.985	4.198	4.278	3.827
871	8.70	2.690	1.022	-0.786	-2.258	-2.987	-2.757	-1.582	0.294	2.456	4.399
881	8.80	5.629	5.784	4.729	2.624	-0.100	-2.832	-4.947	-5.977	-5.735	-4.354
891	8.90	-2.225	0.132	2.218	3.674	4.339	4.249	3.580	2.581	1.496	0.511
901	9.00	-0.285	-0.906	-1.434	-1.984	-2.606	-3.246	-3.730	-3.826	-3.352	-2.297
911	9.10	-0.888	0.448	1.216	1.055	-0.099	-1.953	-3.961	-5.529	-6.267	-6.144
921	9.20	-5.486	-4.806	-4.568	-4.864	-5.530	-6.054	-5.909	-4.800	-2.817	-0.413
931	9.30	1.777	3.199	3.589	3.045	1.931	0.692	-0.338	-1.016	-1.357	-1.408
941	9.40	-1.129	-0.365	1.076	3.257	5.983	8.771	10.972	12.001	11.573	9.830
951	9.50	7.303	4.707	2.668	1.503	1.147	1.240	1.346	1.163	0.657	0.040
961	9.60	-0.364	-0.296	0.307	1.284	2.335	3.148	3.520	3.394	2.826	1.912
971	9.70	0.721	-0.720	-2.385	-4.191	-5.965	-7.472	-8.494	-8.918	-8.788	-8.282
981	9.80	-7.624	-6.965	-6.317	-5.556	-4.512	-3.100	-1.414	0.268	1.579	2.212
991	9.90	2.067	1.300	0.262	-0.658	-1.194	-1.310	-1.168	-1.004	-0.948	-0.913

Table 7-52-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1244 1321-GR-1-1 HB. (HB.) MUKAWA EMB. MAX. ACC. = 105.049 (GAL) T= 18.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.606	0.320	2.045	4.397	6.816	8.513	8.768	7.258	4.262	0.622
1011	10.10	-2.526	-4.179	-3.864	-1.842	0.980	3.397	4.375	3.449	0.885	-2.466
1021	10.20	-5.535	-7.470	-7.934	-7.166	-5.263	-4.359	-3.297	-2.516	-1.662	-0.348
1031	10.30	1.460	3.510	5.154	5.744	4.953	2.091	0.578	-1.326	-1.923	-0.924
1041	10.40	1.318	3.956	5.990	6.659	5.710	3.429	0.453	-2.513	-4.950	-6.622
1051	10.50	-7.513	-7.670	-7.085	-5.683	-3.442	-0.552	2.490	4.948	6.065	5.363
1061	10.60	2.872	-0.827	-4.771	-7.942	-9.603	-9.517	-7.945	-5.477	-2.767	-0.309
1071	10.70	1.658	3.107	4.095	4.649	4.725	4.251	3.217	1.739	0.046	-1.592
1081	10.80	-2.973	-4.017	-4.759	-5.262	-5.525	-5.436	-4.816	-3.527	-1.593	0.745
1091	10.90	3.068	4.929	6.019	6.293	5.988	5.525	5.341	5.725	6.717	8.098
1101	11.00	9.471	10.375	10.403	9.296	7.005	3.726	-0.105	-3.865	-6.856	-8.480
1111	11.10	-8.421	-6.776	-4.072	-1.129	1.186	2.245	1.861	0.332	-1.691	-3.454
1121	11.20	-4.361	-4.146	-2.901	-0.973	1.193	3.189	4.708	5.538	5.539	4.651
1131	11.30	2.942	0.681	-1.651	-3.441	-4.131	-3.447	-1.558	0.923	3.123	4.215
1141	11.40	3.735	1.762	-1.120	-4.042	-6.179	-7.025	-6.526	-5.017	-3.040	-1.133
1151	11.50	0.305	1.047	0.974	0.023	-1.816	-4.430	-7.483	-10.373	-12.324	-12.599
1161	11.60	-10.789	-7.019	-2.001	3.152	7.273	9.536	9.728	8.299	6.159	4.312
1171	11.70	3.480	3.858	5.096	6.494	7.328	7.151	5.961	4.176	2.439	1.342
1181	11.80	1.193	1.914	3.094	4.178	4.696	4.440	3.524	2.300	1.188	0.486
1191	11.90	0.255	0.311	0.348	0.101	-0.506	-1.309	-1.973	-2.156	-1.674	-0.605
1201	12.00	0.745	1.983	2.817	3.203	3.350	3.603	4.229	5.228	6.279	6.851
1211	12.10	6.446	4.874	2.396	-0.326	-2.489	-3.499	-3.252	-2.211	-1.214	-1.101
1221	12.20	-2.312	-4.659	-7.379	-9.462	-10.107	-9.098	-6.913	-4.522	-2.940	-2.766
1231	12.30	-3.903	-5.603	-6.821	-6.699	-4.960	-2.024	1.195	3.724	4.957	4.883
1241	12.40	4.016	3.061	2.511	2.393	2.279	1.569	-0.120	-2.657	-5.378	-7.347
1251	12.50	-7.785	-6.451	-3.769	-0.653	1.906	3.273	3.415	2.839	2.274	2.259
1261	12.60	2.655	3.631	3.917	3.191	1.398	-0.973	-3.079	-4.092	-3.555	-1.564
1271	12.70	1.304	4.248	6.566	7.862	8.089	7.429	6.126	4.372	2.305	0.094
1281	12.80	-1.987	-3.569	-4.307	-4.054	-2.984	-1.574	-0.438	-0.078	-0.668	-1.999
1291	12.90	-3.594	-4.934	-5.677	-5.754	-5.307	-4.532	-3.535	-2.301	-0.801	0.836
1301	13.00	2.226	2.804	2.074	-0.067	-3.111	-5.975	-7.337	-6.150	-2.122	4.062
1311	13.10	10.895	16.543	19.477	18.983	15.361	9.745	3.650	-1.545	-4.978	-6.432
1321	13.20	-6.208	-4.878	-3.034	-1.144	0.473	1.601	2.098	1.913	1.140	0.060
1331	13.30	-0.902	-1.300	-0.847	0.440	2.202	3.848	4.768	4.569	3.233	1.141
1341	13.40	-1.057	-2.665	-3.180	-2.453	-0.731	1.431	3.361	4.494	4.561	3.683
1351	13.50	2.333	1.157	0.725	1.269	2.549	3.880	4.367	3.255	0.274	-4.179
1361	13.60	-9.113	-13.267	-15.569	-15.543	-13.496	-10.398	-7.506	-5.890	-6.054	-7.817
1371	13.70	-10.466	-13.108	-15.039	-15.974	-16.059	-15.690	-15.270	-15.014	-14.910	-14.814
1381	13.80	-14.608	-14.312	-14.092	-14.159	-14.622	-15.398	-16.218	-16.743	-16.718	-16.088
1391	13.90	-15.020	-13.817	-12.771	-12.036	-11.556	-11.092	-10.308	-8.864	-6.502	-3.079
1401	14.00	1.418	6.869	13.024	19.512	25.886	31.705	36.644	40.583	43.646	46.139
1411	14.10	48.423	50.757	53.189	55.541	57.501	58.773	59.228	58.945	58.184	57.231
1421	14.20	56.230	55.062	53.322	50.413	45.732	38.863	29.736	18.683	6.388	-6.263
1431	14.30	-18.391	-29.318	-38.716	-46.641	-53.450	-59.615	-65.491	-71.119	-76.136	-79.833
1441	14.40	-81.356	-79.973	-75.320	-67.537	-57.243	-45.386	-33.016	-21.087	-10.336	-1.253
1451	14.50	5.879	10.944	13.977	15.175	14.907	13.665	11.960	10.171	8.428	6.589
1461	14.60	4.341	1.392	-2.333	-6.599	-10.918	-14.757	-17.782	-20.026	-21.874	-23.848
1471	14.70	-26.275	-28.997	-31.261	-31.877	-29.610	-23.652	-14.012	-1.627	11.832	24.435
1481	14.80	34.560	41.367	45.002	46.474	47.240	48.655	51.466	55.533	59.855	62.890
1491	14.90	63.053	59.237	51.173	39.526	25.714	11.519	-1.373	-11.750	-19.071	-23.458

Table 7-52-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1244 1321-GR-1-1 HB. (HB.) MUKAWA EMB. MAX. ACC. = 105.049 (GAL) T= 18.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-25.517	-26.104	-26.108	-26.304	-27.296	-29.474	-32.974	-37.613	-42.841	-47.762
1511	15.10	-51.276	-52.321	-50.173	-44.672	-36.291	-26.001	-14.978	-4.263	5.484	14.055
1521	15.20	21.571	28.244	34.148	39.111	42.770	44.750	44.876	43.293	40.451	36.957
1531	15.30	33.361	29.990	26.898	23.935	20.904	17.710	14.436	11.309	8.585	6.401
1541	15.40	4.685	3.146	1.372	-1.023	-4.245	-8.230	-12.640	-16.961	-20.646	-23.283
1551	15.50	-24.708	-25.035	-24.596	-23.815	-23.053	-22.487	-22.069	-21.559	-20.627	-18.962
1561	15.60	-16.356	-12.720	-8.056	-2.415	4.112	11.354	18.976	26.417	32.897	37.532
1571	15.70	39.529	38.411	34.172	27.298	18.640	9.191	-0.146	-8.717	-16.151	-22.295
1581	15.80	-27.108	-30.578	-32.704	-33.530	-33.175	-31.829	-29.678	-26.815	-23.175	-18.576
1591	15.90	-12.848	-6.005	1.623	9.397	16.525	22.316	26.418	28.921	30.271	31.017
1601	16.00	31.517	31.731	31.207	29.283	25.394	19.375	11.604	2.940	-5.523	-12.766
1611	16.10	-18.106	-21.315	-22.564	-22.261	-20.863	-18.726	-16.053	-12.924	-9.366	-5.438
1621	16.20	-1.292	2.784	6.353	8.844	9.612	8.068	3.851	-2.980	-11.817	-21.508
1631	16.30	-30.536	-37.347	-40.757	-40.291	-36.337	-30.054	-23.041	-16.867	-12.625	-10.635
1641	16.40	-10.407	-10.852	-10.678	-8.834	-4.861	0.940	7.589	13.700	17.887	19.167
1651	16.50	17.263	12.711	6.754	1.030	-2.845	-3.704	-1.138	4.405	11.756	19.371
1661	16.60	25.779	30.001	31.811	31.750	30.890	30.429	31.239	33.541	36.804	39.915
1671	16.70	41.575	40.772	37.184	31.350	24.560	18.466	14.558	13.645	15.545	19.066
1681	16.80	22.304	23.182	20.054	12.195	0.038	-14.933	-30.577	-44.665	-55.446	-62.029
1691	16.90	-64.490	-63.669	-60.776	-56.926	-52.798	-48.506	-43.724	-37.984	-31.006	-22.937
1701	17.00	-14.382	-6.244	0.564	5.404	8.083	8.854	8.280	7.022	5.669	4.654
1711	17.10	4.272	4.745	6.258	8.929	12.714	17.306	22.108	26.325	29.170	30.099
1721	17.20	28.993	26.181	22.295	18.016	13.819	9.831	5.871	1.642	-3.007	-7.893
1731	17.30	-12.464	-15.957	-17.668	-17.235	-14.787	-10.917	-6.444	-2.217	1.335	3.109
1741	17.40	6.344	8.381	10.411	12.321	13.713	14.094	13.154	10.991	8.172	5.567
1751	17.50	4.016	3.948	5.139	6.716	7.449	6.223	2.507	-3.377	-10.304	-16.719
1761	17.60	-21.171	-22.798	-21.562	-18.135	-13.523	-8.592	-3.751	1.078	6.173	11.581
1771	17.70	16.769	20.562	21.461	18.225	10.470	-0.977	-16.162	-26.539	-35.745	-40.343
1781	17.80	-40.242	-36.641	-31.548	-27.078	-24.798	-25.356	-28.483	-33.301	-38.762	-44.018
1791	17.90	-48.593	-52.313	-55.106	-56.782	-56.926	-54.957	-50.342	-42.850	-32.760	-20.923
1801	18.00	-8.648	2.560	11.334	16.764	18.600	17.300	13.892	9.699	6.007	3.756
1811	18.10	3.349	4.634	7.046	9.853	12.428	14.444	15.943	17.261	18.856	21.122
1821	18.20	24.248	28.179	32.679	37.463	42.328	47.252	52.405	58.069	64.510	71.815
1831	18.30	79.773	87.835	95.183	100.916	104.306	105.050	103.426	100.267	96.728	93.868
1841	18.40	92.231	91.499	90.462	87.305	80.184	67.906	50.471	29.267	6.818	-13.857
1851	18.50	-30.061	-40.140	-43.882	-42.453	-37.950	-32.732	-28.798	-27.375	-28.835	-32.876
1861	18.60	-38.838	-45.987	-53.691	-61.431	-68.740	-75.136	-80.126	-83.280	-84.356	-83.378
1871	18.70	-80.658	-76.724	-72.200	-67.685	-63.657	-60.415	-58.048	-56.402	-55.070	-53.432
1881	18.80	-50.775	-46.507	-40.412	-32.842	-24.764	-17.570	-12.706	-11.219	-13.397	-18.636
1891	18.90	-25.598	-32.587	-37.989	-40.633	-39.948	-35.923	-28.960	-19.724	-9.059	2.053
1901	19.00	12.565	21.541	28.437	33.376	37.226	41.377	47.140	55.037	64.234	72.479
1911	19.10	76.665	73.927	62.853	44.520	21.550	-0.712	-17.646	-25.873	-24.462	-15.039
1921	19.20	-1.003	13.804	26.384	35.337	40.832	43.936	45.706	46.515	45.913	43.041
1931	19.30	37.321	29.031	19.457	10.543	4.212	1.690	3.132	7.682	13.884	20.207
1941	19.40	25.435	28.792	29.835	28.297	24.023	17.088	8.006	-2.142	-11.821	-19.438
1951	19.50	-23.896	-25.057	-23.887	-22.165	-21.859	-24.402	-30.187	-38.457	-47.645	-55.957
1961	19.60	-61.964	-64.945	-64.885	-62.205	-57.408	-50.830	-42.623	-32.920	-22.063	-10.735
1971	19.70	0.105	9.458	16.588	21.232	23.629	24.353	24.044	23.149	21.800	19.855
1981	19.80	17.052	13.210	8.366	2.824	-2.897	-8.169	-12.369	-14.980	-15.669	-14.346
1991	19.90	-11.197	-6.678	-1.442	3.800	8.449	12.178	14.996	17.206	19.250	21.522

Table 7-52-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1244 1321-GR-1-1 HB. (HB.) MUKAWA EHB. MAX. ACC. = 105.049 (GAL) T= 18.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	24.207	27.218	30.231	32.799	34.457	34.801	33.505	30.337	25.192	18.172
2011	20.10	9.884	0.475	-8.454	-16.078	-21.652	-24.978	-26.486	-27.076	-27.751	-29.176
2021	20.20	-31.365	-33.638	-34.870	-33.938	-30.174	-23.636	-15.091	-5.749	3.112	10.459
2031	20.30	15.627	18.270	18.215	15.376	9.796	1.827	-7.694	-17.400	-25.587	-30.613
2041	20.40	-31.362	-27.568	-19.861	-9.484	2.180	14.057	25.619	36.796	47.631	57.882
2051	20.50	66.760	72.995	75.183	72.312	64.208	51.731	36.614	21.020	6.985	-4.060
2061	20.60	-11.535	-15.684	-17.331	-17.544	-17.325	-17.406	-18.164	-19.638	-21.588	-23.600
2071	20.70	-25.180	-25.869	-25.335	-23.441	-20.268	-16.067	-11.177	-5.932	-0.604	4.595
2081	20.80	9.458	13.715	16.989	18.831	18.810	16.649	12.344	6.227	-1.058	-8.656
2091	20.90	-15.648	-21.213	-24.778	-26.119	-25.409	-23.198	-20.305	-17.632	-15.923	-15.538
2101	21.00	-16.315	-17.581	-18.346	-17.632	-14.820	-9.889	-3.439	3.527	9.979	15.262
2111	21.10	19.325	22.696	26.181	30.405	35.394	40.384	43.952	44.461	40.654	32.170
2121	21.20	19.797	5.332	-8.899	-20.702	-28.631	-32.347	-32.603	-30.890	-28.865	-27.800
2131	21.30	-28.219	-29.852	-31.885	-33.387	-33.737	-32.879	-31.307	-29.806	-29.051	-29.253
2141	21.40	-29.982	-30.268	-28.944	-25.100	-18.471	-9.617	0.199	9.384	16.514	20.764
2151	21.50	22.125	21.325	19.505	17.776	16.840	16.816	17.315	17.737	17.619	16.914
2161	21.60	16.049	15.759	16.756	19.386	23.410	28.016	32.055	34.416	34.405	31.974
2171	21.70	27.739	22.769	18.249	15.140	13.935	14.604	16.699	19.562	22.552	25.201
2181	21.80	27.267	28.694	29.522	29.797	29.521	28.648	27.107	24.825	21.733	17.757
2191	21.90	12.814	6.832	-0.199	-8.148	-16.686	-25.286	-33.292	-40.064	-45.140	-48.357
2201	22.00	-49.873	-50.081	-49.421	-48.195	-46.434	-43.905	-40.248	-35.204	-28.825	-21.574
2211	22.10	-14.260	-7.807	-2.942	0.071	1.540	2.247	3.162	5.074	8.285	12.485
2221	22.20	16.869	20.437	22.385	22.407	20.802	18.338	15.919	14.197	13.281	12.652
2231	22.30	11.342	8.292	2.771	-5.310	-15.297	-25.944	-35.748	-43.362	-47.922	-49.207
2241	22.40	-47.590	-43.828	-38.789	-33.214	-27.593	-22.170	-17.025	-12.195	-7.747	-3.796
2251	22.50	-0.452	2.246	4.376	6.126	7.739	9.425	11.285	13.274	15.224	16.906
2261	22.60	18.129	18.821	19.082	19.175	19.461	20.279	21.812	23.962	26.300	28.111
2271	22.70	28.548	26.873	22.705	16.200	8.090	-0.460	-8.124	-13.751	-16.629	-16.610
2281	22.80	-14.053	-9.619	-4.041	2.059	8.222	14.090	19.287	23.348	25.747	26.044
2291	22.90	24.071	20.071	14.692	8.831	3.363	-1.128	-4.502	-7.050	-9.318	-11.859
2301	23.00	-15.009	-18.780	-22.885	-26.863	-30.223	-32.552	-33.560	-33.076	-31.047	-27.556
2311	23.10	-22.871	-17.463	-11.976	-7.091	-3.350	-0.975	0.215	0.747	1.312	2.513
2321	23.20	4.668	7.729	11.351	15.063	18.455	21.295	23.526	25.177	26.245	26.637
2331	23.30	26.199	24.829	22.601	19.824	16.993	14.641	13.162	12.679	13.029	13.875
2341	23.40	14.872	15.829	16.764	17.842	19.226	20.919	22.672	24.030	24.478	23.645
2351	23.50	21.457	18.187	14.353	10.529	7.123	4.231	1.620	-1.153	-4.530	-8.729
2361	23.60	-13.602	-18.629	-23.043	-26.060	-27.117	-26.043	-23.113	-18.951	-14.346	-10.028
2371	23.70	-6.495	-3.935	-2.276	-1.312	-0.851	-0.828	-1.324	-2.489	-4.423	-7.056
2381	23.80	-10.105	-13.122	-15.632	-17.298	-18.045	-18.089	-17.850	-17.783	-18.186	-19.067
2391	23.90	-20.131	-20.875	-20.785	-19.538	-17.132	-13.914	-10.467	-7.420	-5.253	-4.158
2401	24.00	-4.020	-4.504	-5.222	-5.889	-6.420	-6.917	-7.572	-8.521	-9.729	-10.958
2411	24.10	-11.829	-11.964	-11.125	-9.305	-6.717	-3.687	-0.517	2.637	5.786	9.037
2421	24.20	12.452	15.913	19.079	21.456	22.568	22.166	20.364	17.635	14.660	12.076
2431	24.30	10.229	9.040	8.041	6.579	4.094	0.365	-4.375	-9.502	-14.203	-17.739
2441	24.40	-19.645	-19.819	-18.474	-16.000	-12.807	-9.232	-5.516	-1.851	1.562	4.491
2451	24.50	6.707	8.065	8.579	8.448	8.014	7.655	7.662	8.142	8.996	9.971
2461	24.60	10.757	11.111	10.945	10.350	9.577	8.950	8.756	9.142	10.037	11.130
2471	24.70	11.929	11.888	10.585	7.890	4.071	-0.227	-4.127	-6.770	-7.572	-6.396
2481	24.80	-3.568	0.269	4.412	8.356	11.939	15.322	18.816	22.645	26.757	30.769
2491	24.90	34.074	36.060	36.334	34.854	31.922	28.053	23.781	19.512	15.452	11.649

Table 7-52-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1244 1321-GR-1-1 HB. (HB.) MUKAWA EHB. MAX. ACC. = 105.049 (GAL) T= 18.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	8.078	4.724	1.611	-1.229	-3.815	-6.247	-8.689	-11.299	-14.139	-17.123
2511	25.10	-20.028	-22.573	-24.520	-25.762	-26.361	-26.508	-26.455	-26.435	-26.607	-27.041
2521	25.20	-27.720	-28.566	-29.452	-30.225	-30.732	-30.863	-30.599	-30.027	-29.328	-28.688
2531	25.30	-28.207	-27.810	-27.247	-26.175	-24.321	-21.644	-18.418	-15.194	-12.618	-11.205
2541	25.40	-11.127	-12.146	-13.700	-15.114	-15.855	-15.708	-14.818	-13.582	-12.454	-11.754
2551	25.50	-11.556	-11.698	-11.884	-11.827	-11.348	-10.421	-9.131	-7.604	-5.941	-4.185
2561	25.60	-2.321	-0.301	1.935	4.455	7.334	10.655	14.477	18.799	23.514	28.398
2571	25.70	33.136	37.391	40.893	43.500	45.219	46.177	46.556	46.516	46.178	45.603
2581	25.80	44.829	43.902	42.883	41.828	40.744	39.552	38.090	36.145	33.533	30.181
2591	25.90	26.175	21.760	17.278	13.081	9.433	6.457	4.136	2.361	1.003	-0.016
2601	26.00	-0.704	-1.023	-0.951	-0.551	-0.014	0.351	0.191	-0.797	-2.766	-5.657
2611	26.10	-9.207	-13.013	-16.629	-19.667	-21.862	-23.091	-23.362	-22.781	-21.524	-19.832
2621	26.20	-18.002	-16.360	-15.212	-14.752	-14.986	-15.685	-16.422	-16.693	-16.087	-14.447
2631	26.30	-11.955	-9.087	-6.458	-4.604	-3.793	-3.937	-4.648	-5.401	-5.754	-5.508
2641	26.40	-4.758	-3.818	-3.048	-2.685	-2.729	-2.947	-2.983	-2.509	-1.367	0.366
2651	26.50	2.406	4.353	5.798	6.419	6.017	4.515	1.945	-1.558	-5.744	-10.224
2661	26.60	-14.480	-17.919	-19.983	-20.283	-18.719	-15.535	-11.272	-6.641	-2.338	1.120
2671	26.70	3.513	4.918	5.642	6.086	6.611	7.442	8.642	10.148	11.842	13.629
2681	26.80	15.485	17.459	19.636	22.068	24.721	27.427	29.889	31.719	32.514	31.938
2691	26.90	29.807	26.150	21.219	15.468	9.478	3.849	-0.917	-4.529	-6.969	-8.506
2701	27.00	-9.624	-10.887	-12.771	-15.499	-18.942	-22.619	-25.809	-27.762	-27.930	-26.159
2711	27.10	-22.759	-18.427	-14.043	-10.406	-7.999	-6.880	-6.728	-7.022	-7.280	-7.256
2721	27.20	-7.020	-6.893	-7.272	-8.438	-10.423	-12.996	-15.766	-18.340	-20.460	-22.053
2731	27.30	-23.180	-23.919	-24.259	-24.065	-23.136	-21.328	-18.668	-15.395	-11.889	-8.516
2741	27.40	-5.466	-2.663	0.193	3.465	7.359	11.759	16.196	19.971	22.402	23.088
2751	27.50	22.073	19.864	17.274	15.170	14.222	14.734	16.617	19.481	22.784	25.979
2761	27.60	28.601	30.292	30.786	29.890	27.510	23.687	18.650	12.825	6.782	1.132
2771	27.70	-3.610	-7.128	-9.355	-10.432	-10.620	-10.188	-9.334	-8.161	-6.710	-5.025
2781	27.80	-3.203	-1.410	0.158	1.331	2.032	2.301	2.271	2.103	1.919	1.742
2791	27.90	1.500	1.061	0.304	-0.827	-2.301	-4.022	-5.879	-7.798	-9.761	-11.776
2801	28.00	-13.817	-15.767	-17.401	-18.424	-18.579	-17.757	-16.105	-14.015	-12.049	-10.774
2811	28.10	-10.587	-11.573	-13.474	-15.757	-17.766	-18.905	-18.783	-17.289	-14.571	-10.963
2821	28.20	-6.872	-2.690	1.267	4.771	7.676	9.898	11.397	12.177	12.290	11.840
2831	28.30	10.981	9.907	8.836	7.977	7.497	7.482	7.907	8.629	9.411	9.979
2841	28.40	10.103	9.674	8.751	7.556	6.404	5.610	5.386	5.787	6.707	7.938
2851	28.50	9.259	10.505	11.606	12.571	13.444	14.254	14.985	15.585	16.000	16.207
2861	28.60	16.227	16.113	15.918	15.671	15.368	14.996	14.564	14.123	13.757	13.536
2871	28.70	13.459	13.413	13.175	12.471	11.070	8.872	5.964	2.608	-0.827	-3.969
2881	28.80	-6.533	-8.378	-9.510	-10.049	-10.165	-10.037	-9.815	-9.619	-9.541	-9.651
2891	28.90	-10.000	-10.616	-11.508	-12.656	-14.017	-15.522	-17.073	-18.539	-19.771	-20.626
2901	29.00	-21.005	-20.895	-20.388	-19.659	-18.919	-18.335	-17.969	-17.748	-17.493	-16.990
2911	29.10	-16.074	-14.692	-12.909	-10.878	-8.770	-6.721	-4.810	-3.074	-1.540	-0.253
2921	29.20	0.738	1.416	1.846	2.193	2.686	3.541	4.866	6.604	8.539	10.388
2931	29.30	11.919	13.051	13.878	14.593	15.355	16.153	16.740	16.689	15.551	13.052
2941	29.40	9.254	4.597	-0.201	-4.338	-7.163	-8.340	-7.911	-6.233	-3.825	-1.205
2951	29.50	1.237	3.298	4.947	6.269	7.407	8.512	9.706	11.065	12.592	14.199
2961	29.60	15.698	16.828	17.312	16.936	15.630	13.505	10.832	7.975	5.276	2.969
2971	29.70	1.124	-0.338	-1.575	-2.747	-3.935	-5.121	-6.211	-7.094	-7.697	-8.030
2981	29.80	-8.170	-8.231	-8.305	-8.422	-8.544	-8.587	-8.470	-8.160	-7.700	-7.193
2991	29.90	-6.768	-6.517	-6.477	-6.601	-6.789	-6.936	-6.990	-6.980	-7.022	-7.285

Table 7-52-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1244 1321-GR-1-1 HB. (HB.) MUKAWA EMB. MAX. ACC. = 105.049 (GAL) T= 18.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-7.938	-9.092	-10.767	-12.885	-15.289	-17.783	-20.161	-22.240	-23.869	-24.928
3011	30.10	-25.338	-25.059	-24.107	-22.556	-20.535	-18.207	-15.730	-13.225	-10.747	-8.281
3021	30.20	-5.755	-3.078	-0.173	2.992	6.385	9.910	13.406	16.666	19.457	21.555
3031	30.30	22.788	23.083	22.495	21.213	19.530	17.774	16.225	15.058	14.306	13.888
3041	30.40	13.672	13.550	13.488	13.542	13.821	14.423	15.378	16.621	18.021	19.427
3051	30.50	20.735	21.920	23.028	24.119	25.208	26.208	26.933	27.150	26.658	25.385
3061	30.60	23.434	21.080	18.694	16.643	15.176	14.354	14.034	13.914	13.626	12.832
3071	30.70	11.315	9.018	6.047	2.617	-1.010	-4.596	-7.977	-11.081	-13.921	-16.551
3081	30.80	-19.026	-21.356	-23.483	-25.285	-26.602	-27.278	-27.211	-26.386	-24.888	-22.894
3091	30.90	-20.635	-18.344	-16.216	-14.380	-12.903	-11.813	-11.140	-10.941	-11.305	-12.321
3101	31.00	-14.026	-16.347	-19.080	-21.905	-24.455	-26.417	-27.614	-28.058	-27.931	-27.508
3111	31.10	-27.050	-26.715	-26.512	-26.323	-25.972	-25.309	-24.280	-22.934	-21.394	-19.797
3121	31.20	-18.240	-16.754	-15.318	-13.890	-12.444	-10.976	-9.487	-7.959	-6.327	-4.697
3131	31.30	-2.376	0.078	2.818	5.712	8.584	11.269	13.676	15.803	17.720	19.526
3141	31.40	21.301	23.077	24.855	26.624	28.391	30.175	31.978	33.733	35.278	36.370
3151	31.50	36.751	36.252	34.875	32.832	30.503	28.331	26.687	25.776	25.594	25.975
3161	31.60	26.676	27.472	28.207	28.787	29.136	29.140	28.629	27.409	25.338	22.409
3171	31.70	18.791	14.801	10.815	7.169	3.955	1.179	-1.395	-4.050	-7.012	-10.363
3181	31.80	-14.014	-17.747	-21.301	-24.466	-27.146	-29.371	-31.254	-32.931	-34.500	-35.985
3191	31.90	-37.343	-38.495	-39.371	-39.938	-40.206	-40.214	-39.989	-39.515	-38.722	-37.495
3201	32.00	-35.705	-33.251	-30.097	-26.293	-21.964	-17.291	-12.474	-7.696	-3.111	1.170
3211	32.10	5.071	8.545	11.562	14.109	16.185	17.797	18.959	19.689	20.009	19.961
3221	32.20	19.619	19.101	18.566	18.197	18.139	18.462	19.126	19.977	20.793	21.360
3231	32.30	21.544	21.338	20.864	20.314	19.867	19.618	19.540	19.507	19.350	18.940
3241	32.40	18.229	17.260	16.139	14.927	13.692	12.405	11.016	9.491	7.843	6.131
3251	32.50	4.426	2.760	1.089	-0.697	-2.732	-5.108	-7.829	-10.808	-13.912	-17.029
3261	32.60	-20.108	-23.166	-26.217	-29.199	-31.906	-33.998	-35.089	-34.886	-33.314	-30.569
3271	32.70	-27.059	-23.261	-19.539	-16.028	-12.611	-9.030	-5.056	-0.645	3.997	8.467
3281	32.80	12.328	15.288	17.317	18.648	19.662	20.711	21.967	23.365	24.661	25.571
3291	32.90	25.920	25.731	25.205	24.618	24.187	23.971	23.851	23.606	23.026	22.011
3301	33.00	20.607	18.959	17.220	15.455	13.611	11.551	9.152	6.400	3.446	0.572
3311	33.10	-1.906	-3.768	-4.990	-5.765	-6.438	-7.381	-8.858	-10.942	-13.505	-16.292
3321	33.20	-19.036	-21.564	-23.848	-25.993	-28.154	-30.442	-32.839	-35.180	-37.191	-38.574
3331	33.30	-39.110	-38.735	-37.563	-35.858	-33.955	-32.176	-30.747	-29.758	-29.166	-28.824
3341	33.40	-28.536	-28.110	-27.389	-26.273	-24.714	-22.703	-20.261	-17.425	-14.246	-10.784
3351	33.50	-7.109	-3.308	0.523	4.268	7.794	10.962	13.639	15.730	17.211	18.153
3361	33.60	18.727	19.172	19.739	20.614	21.853	23.357	24.895	26.187	27.001	27.253
3371	33.70	27.042	26.627	26.332	26.426	27.024	28.043	29.240	30.310	31.006	31.221
3381	33.80	31.001	30.489	29.813	28.989	27.882	26.249	23.858	20.618	16.677	12.423
3391	33.90	8.385	5.073	2.807	1.622	1.270	1.331	1.370	1.083	0.368	-0.700
3401	34.00	-1.962	-3.299	-4.704	-6.289	-8.216	-10.592	-13.383	-16.398	-19.334	-21.871
3411	34.10	-23.772	-24.935	-25.383	-25.209	-24.505	-23.324	-21.686	-19.634	-17.292	-14.893
3421	34.20	-12.755	-11.194	-10.428	-10.491	-11.222	-12.311	-13.404	-14.213	-14.579	-14.493
3431	34.30	-14.045	-13.352	-12.502	-11.522	-10.399	-9.121	-7.714	-6.248	-4.819	-3.497
3441	34.40	-2.297	-1.166	-0.012	1.239	2.599	3.994	5.283	6.320	7.009	7.358
3451	34.50	7.468	7.494	7.575	7.766	8.020	8.205	8.172	7.828	7.187	6.386
3461	34.60	5.638	5.163	5.116	5.540	6.365	7.443	8.595	9.666	10.540	11.145
3471	34.70	11.436	11.390	11.017	10.385	9.635	8.980	8.658	8.857	9.629	10.840
3481	34.80	12.173	13.192	13.467	12.691	10.763	7.813	4.165	0.146	-3.814	-7.451
3491	34.90	-10.591	-13.160	-15.153	-16.614	-17.625	-18.306	-18.803	-19.253	-19.735	-20.219

Table 7-52-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1244 1321-GR-1-1 HB. (HB.) MUKAWA EMB. MAX. ACC. = 105.049 (GAL) T= 18.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-20.559	-20.530	-19.921	-18.631	-16.746	-14.525	-12.314	-10.411	-8.933	-7.770
3511	35.10	-6.624	-5.152	-3.126	-0.559	2.290	5.017	7.247	8.807	9.808	10.605
3521	35.20	11.646	13.280	15.610	18.451	21.417	24.086	26.165	27.594	28.522	29.205
3531	35.30	29.846	30.482	30.954	30.981	30.287	28.741	26.424	23.610	20.671	17.951
3541	35.40	15.655	13.816	12.321	10.994	9.683	8.310	6.878	5.439	4.036	2.676
3551	35.50	1.324	-0.072	-1.544	-3.078	-4.620	-6.103	-7.487	-8.783	-10.051	-11.371
3561	35.60	-12.787	-14.269	-15.697	-16.893	-17.679	-17.943	-17.697	-17.080	-16.323	-15.673
3571	35.70	-15.311	-15.295	-15.538	-15.853	-16.016	-15.852	-15.285	-14.354	-13.177	-11.890
3581	35.80	-10.586	-9.279	-7.921	-6.443	-4.823	-3.122	-1.492	-0.131	0.790	1.196
3591	35.90	1.139	0.780	0.331	-0.036	-0.240	-0.312	-0.349	-0.446	-0.625	-0.805
3601	36.00	-0.828	-0.536	0.143	1.136	2.227	3.115	3.517	3.268	2.370	0.985
3611	36.10	-0.628	-2.208	-3.563	-4.608	-5.351	-5.854	-6.181	-6.378	-6.471	-6.496
3621	36.20	-6.513	-6.610	-6.876	-7.362	-8.051	-8.852	-9.632	-10.264	-10.680	-10.898
3631	36.30	-11.010	-11.140	-11.392	-11.807	-12.349	-12.927	-13.428	-13.762	-13.876	-13.758
3641	36.40	-13.426	-12.902	-12.208	-11.359	-10.378	-9.296	-8.156	-7.002	-5.869	-4.775
3651	36.50	-3.728	-2.737	-1.823	-1.023	-0.383	0.065	0.324	0.439	0.499	0.607
3661	36.60	0.859	1.314	1.987	2.845	3.836	4.896	5.974	7.035	8.061	9.036
3671	36.70	9.944	10.772	11.487	12.063	12.477	12.722	12.814	12.800	12.755	12.767
3681	36.80	12.921	13.274	13.834	14.561	15.377	16.197	16.959	17.651	18.305	18.984
3691	36.90	19.750	20.627	21.586	22.544	23.374	23.936	24.093	23.735	22.791	21.244
3701	37.00	19.143	16.608	13.820	10.996	8.335	5.975	3.949	2.193	0.581	-1.012
3711	37.10	-2.649	-4.306	-5.895	-7.315	-8.525	-9.581	-10.613	-11.761	-13.090	-14.519
3721	37.20	-15.833	-16.742	-17.004	-16.525	-15.412	-13.932	-12.413	-11.121	-10.167	-9.499
3731	37.30	-8.967	-8.427	-7.837	-7.285	-6.946	-6.990	-7.482	-8.335	-9.331	-10.208
3741	37.40	-10.753	-10.878	-10.627	-10.120	-9.477	-8.751	-7.906	-6.854	-5.518	-3.898
3751	37.50	-2.089	-0.266	1.385	2.728	3.723	4.428	4.963	5.459	6.006	6.631
3761	37.60	7.298	7.935	8.467	8.847	9.075	9.203	9.325	9.552	9.979	10.649
3771	37.70	11.524	12.489	13.369	13.990	14.234	14.087	13.641	13.062	12.520	12.118
3781	37.80	11.854	11.631	11.314	10.802	10.085	9.252	8.447	7.798	7.340	6.993
3791	37.90	6.584	5.918	4.863	3.406	1.654	-0.216	-2.022	-3.655	-5.098	-6.417
3801	38.00	-7.709	-9.048	-10.448	-11.861	-13.203	-14.390	-15.366	-16.119	-16.667	-17.044
3811	38.10	-17.283	-17.428	-17.428	-17.345	-17.143	-16.801	-16.289	-15.593	-14.730	-13.767
3821	38.20	-12.820	-12.029	-11.503	-11.274	-11.260	-11.277	-11.098	-10.535	-9.522	-8.150
3831	38.30	-6.642	-5.275	-4.267	-3.691	-3.445	-3.292	-2.959	-2.243	-1.097	0.359
3841	38.40	1.893	3.257	4.289	4.969	5.415	5.817	6.355	7.114	8.063	9.075
3851	38.50	9.995	10.716	11.225	11.602	11.983	12.488	13.162	13.947	14.703	15.255
3861	38.60	15.457	15.233	14.591	13.598	12.342	10.900	9.315	7.616	5.841	4.059
3871	38.70	2.379	0.924	-0.209	-0.989	-1.468	-1.766	-2.029	-2.376	-2.853	-3.422
3881	38.80	-3.988	-4.441	-4.706	-4.773	-4.693	-4.551	-4.425	-4.350	-4.316	-4.281
3891	38.90	-4.206	-4.080	-3.931	-3.813	-3.771	-3.814	-3.901	-3.954	-3.896	-3.688
3901	39.00	-3.358	-2.998	-2.733	-2.668	-2.850	-3.239	-3.719	-4.139	-4.363	-4.306
3911	39.10	-3.957	-3.366	-2.618	-1.802	-0.998	-0.275	0.298	0.447	0.704	0.429
3921	39.20	-0.156	-0.943	-1.755	-2.384	-2.663	-2.526	-2.040	-1.389	-0.810	-0.509
3931	39.30	-0.589	-1.022	-1.663	-2.323	-2.834	-3.105	-3.135	-2.980	-2.708	-2.356
3941	39.40	-1.906	-1.328	-0.597	0.260	1.151	1.939	2.485	2.694	2.538	2.069
3951	39.50	1.388	0.620	-0.121	-0.748	-1.210	-1.483	-1.575	-1.521	-1.378	-1.215
3961	39.60	-1.097	-1.065	-1.122	-1.236	-1.354	-1.426	-1.424	-1.344	-1.197	-0.988
3971	39.70	-0.698	-0.290	0.276	1.020	1.923	2.937	4.001	5.073	6.140	7.206
3981	39.80	8.266	9.271	10.126	10.713	10.950	10.847	10.524	10.176	9.996	10.076
3991	39.90	10.348	10.596	10.544	9.977	8.855	7.345	5.766	4.447	3.605	3.233

Table 7-52-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1244 1321-GR-1-1 HB. (HB.) MUKAWA EMB. MAX. ACC. = 105.049 (GAL) T= 18.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	3.108	2.896	2.290	1.143	-0.475	-2.323	-4.086	-5.505	-6.459	-6.974
4011	40.10	-7.178	-7.218	-7.197	-7.148	-7.058	-6.913	-6.728	-6.554	-6.457	-6.480
4021	40.20	-6.623	-6.848	-7.104	-7.359	-7.609	-7.868	-8.131	-8.342	-8.384	-8.102
4031	40.30	-7.357	-6.079	-4.302	-2.166	0.125	2.356	4.353	6.017	7.321	8.296
4041	40.40	9.002	9.504	9.858	10.105	10.272	10.365	10.374	10.280	10.064	9.723
4051	40.50	9.281	8.784	8.287	7.826	7.405	6.984	6.504	5.910	5.189	4.378
4061	40.60	3.557	2.816	2.215	1.753	1.365	0.935	0.344	-0.495	-1.604	-2.931
4071	40.70	-4.362	-5.742	-6.915	-7.745	-8.151	-8.122	-7.728	-7.110	-6.460	-5.983
4081	40.80	-5.845	-6.138	-6.849	-7.870	-9.025	-10.119	-10.984	-11.513	-11.671	-11.489
4091	40.90	-11.043	-10.429	-9.743	-9.065	-8.445	-7.893	-7.374	-6.813	-6.112	-5.178
4101	41.00	-3.964	-2.487	-0.838	0.842	2.399	3.715	4.738	5.490	6.046	6.502
4111	41.10	6.931	7.369	7.810	8.222	8.575	8.853	9.060	9.204	9.284	9.276
4121	41.20	9.135	8.808	8.253	7.454	6.430	5.235	3.941	2.625	1.360	0.208
4131	41.30	-0.787	-1.595	-2.202	-2.613	-2.849	-2.947	-2.950	-2.901	-2.833	-2.766
4141	41.40	-2.701	-2.627	-2.521	-2.357	-2.115	-1.789	-1.398	-0.985	-0.615	-0.365
4151	41.50	-0.297	-0.437	-0.767	-1.219	-1.699	-2.119	-2.421	-2.607	-2.724	-2.849
4161	41.60	-3.049	-3.353	-3.739	-4.145	-4.501	-4.760	-4.919	-5.014	-5.095	-5.194
4171	41.70	-5.293	-5.327	-5.205	-4.846	-4.219	-3.359	-2.354	-1.317	-0.347	0.500
4181	41.80	1.212	1.801	2.278	2.629	2.821	2.816	2.604	2.228	1.776	1.361
4191	41.90	1.080	0.976	1.030	1.168	1.303	1.363	1.319	1.175	0.953	0.665
4201	42.00	0.298	-0.174	-0.767	-1.462	-2.196	-2.876	-3.410	-3.736	-3.840	-3.740
4211	42.10	-3.456	-2.985	-2.292	-1.335	-0.118	1.273	2.660	3.809	4.511	4.665
4221	42.20	4.325	3.691	3.032	2.580	2.436	2.540	2.706	2.716	2.428	1.835
4231	42.30	1.066	0.317	-0.237	-0.525	-0.589	-0.548	-0.521	-0.556	-0.612	-0.586
4241	42.40	-0.387	0.007	0.523	1.028	1.400	1.600	1.703	1.871	2.276	3.022
4251	42.50	4.087	5.335	6.571	7.640	8.469	9.085	9.566	9.969	10.271	10.356
4261	42.60	10.064	9.272	7.967	6.275	4.430	2.690	1.246	0.167	-0.608	-1.213
4271	42.70	-1.787	-2.407	-3.066	-3.713	-4.283	-4.765	-5.202	-5.675	-6.243	-6.908
4281	42.80	-7.588	-8.151	-8.461	-8.439	-8.091	-7.504	-6.805	-6.111	-5.487	-4.944
4291	42.90	-4.451	-3.977	-3.515	-3.086	-2.727	-2.453	-2.241	-2.024	-1.716	-1.246
4301	43.00	-0.590	0.217	1.091	1.930	2.650	3.206	3.594	3.841	3.983	4.045
4311	43.10	4.039	3.970	3.849	3.704	3.581	3.537	3.622	3.864	4.254	4.741
4321	43.20	5.232	5.604	5.727	5.488	4.826	3.754	2.369	0.839	-0.632	-1.858
4331	43.30	-2.722	-3.201	-3.367	-3.348	-3.274	-3.224	-3.200	-3.139	-2.950	-2.565
4341	43.40	-1.986	-1.286	-0.589	-0.018	0.348	0.511	0.551	0.594	0.774	1.194
4351	43.50	1.898	2.876	4.073	5.407	6.785	8.109	9.287	10.238	10.909	11.287
4361	43.60	11.399	11.306	11.080	10.771	10.384	9.880	9.185	8.230	6.984	5.474
4371	43.70	3.784	2.033	0.339	-1.208	-2.562	-3.716	-4.682	-5.471	-6.085	-6.519
4381	43.80	-6.773	-6.865	-6.837	-6.749	-6.662	-6.624	-6.655	-6.748	-6.878	-7.015
4391	43.90	-7.133	-7.218	-7.271	-7.302	-7.333	-7.389	-7.496	-7.669	-7.905	-8.175
4401	44.00	-8.420	-8.571	-8.560	-8.355	-7.966	-7.452	-6.899	-6.397	-6.005	-5.741
4411	44.10	-5.579	-5.467	-5.352	-5.196	-4.978	-4.691	-4.330	-3.881	-3.331	-2.678
4421	44.20	-1.947	-1.189	-0.476	0.123	0.572	0.873	1.064	1.192	1.285	1.330
4431	44.30	1.277	1.065	0.658	0.071	-0.617	-1.287	-1.823	-2.152	-2.276	-2.262
4441	44.40	-2.222	-2.263	-2.454	-2.803	-3.267	-3.773	-4.249	-4.643	-4.931	-5.110
4451	44.50	-5.183	-5.155	-5.020	-4.774	-4.409	-3.926	-3.331	-2.638	-1.871	-1.066
4461	44.60	-0.275	0.435	0.993	1.342	1.460	1.374	1.159	0.923	0.776	0.802
4471	44.70	1.039	1.473	2.049	2.694	3.335	3.918	4.417	4.828	5.171	5.479
4481	44.80	5.791	6.138	6.531	6.955	7.368	7.716	7.959	8.102	8.209	8.398
4491	44.90	8.805	9.534	10.609	11.946	13.369	14.660	15.622	16.142	16.207	15.893

Table 7-52-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1244 1321-GR-1-1 HB. (HB.) MUKAWA EMB. MAX. ACC. = 105.049 (GAL) T= 18.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	15.316	14.573	13.706	12.699	11.502	10.076	8.427	6.620	4.755	2.938
4511	45.10	1.245	-0.288	-1.654	-2.849	-3.852	-4.617	-5.093	-5.252	-5.120	-4.781
4521	45.20	-4.361	-3.989	-3.757	-3.700	-3.796	-3.991	-4.234	-4.503	-4.809	-5.183
4531	45.30	-5.666	-6.189	-6.763	-7.291	-7.699	-7.932	-7.979	-7.866	-7.644	-7.371
4541	45.40	-7.100	-6.870	-6.712	-6.655	-6.721	-6.924	-7.252	-7.659	-8.051	-8.353
4551	45.50	-8.435	-8.237	-7.750	-7.026	-6.170	-5.306	-4.538	-3.911	-3.400	-2.914
4561	45.60	-2.325	-1.515	-0.415	0.970	2.553	4.192	5.729	7.033	8.025	8.697
4571	45.70	9.091	9.281	9.340	9.326	9.272	9.190	9.084	8.954	8.798	8.611
4581	45.80	8.375	8.070	7.674	7.183	6.618	6.030	5.488	5.061	4.792	4.688
4591	45.90	4.707	4.773	4.794	4.686	4.397	3.918	3.289	2.592	1.936	1.432
4601	46.00	1.170	1.199	1.507	2.028	2.650	3.242	3.682	3.883	3.802	3.462
4611	46.10	2.839	2.048	1.138	0.184	-0.736	-1.548	-2.191	-2.637	-2.907	-3.066
4621	46.20	-3.206	-3.417	-3.751	-4.199	-4.703	-5.178	-5.562	-5.845	-6.083	-6.381
4631	46.30	-6.846	-7.548	-8.490	-9.611	-10.805	-11.958	-12.977	-13.796	-14.371	-14.672
4641	46.40	-14.677	-14.379	-13.811	-13.043	-12.183	-11.330	-10.543	-9.800	-9.009	-8.042
4651	46.50	-6.800	-5.267	-3.530	-1.753	-0.105	1.307	2.481	3.506	4.510	5.572
4661	46.60	6.678	7.714	8.521	8.980	9.080	8.934	8.734	8.662	8.805	9.103
4671	46.70	9.383	9.427	9.079	8.303	7.203	5.964	4.771	3.736	2.866	2.091
4681	46.80	1.324	0.527	-0.255	-0.903	-1.276	-1.269	-0.859	-0.111	0.841	1.839
4691	46.90	2.740	3.432	3.842	3.927	3.677	3.112	2.292	1.315	0.305	-0.623
4701	47.00	-1.386	-1.954	-2.347	-2.612	-2.796	-2.919	-2.980	-2.969	-2.889	-2.774
4711	47.10	-2.673	-2.629	-2.645	-2.670	-2.614	-2.381	-1.924	-1.271	-0.527	0.164
4721	47.20	0.666	0.910	0.904	0.722	0.461	0.192	-0.064	-0.332	-0.651	-1.034
4731	47.30	-1.438	-1.771	-1.920	-1.801	-1.392	-0.752	0.006	0.745	1.360	1.801
4741	47.40	2.082	2.264	2.419	2.600	2.822	3.053	3.234	3.301	3.206	2.936
4751	47.50	2.521	2.029	1.549	1.171	0.956	0.926	1.047	1.244	1.414	1.459
4761	47.60	1.310	0.943	0.384	-0.308	-1.061	-1.809	-2.512	-3.158	-3.754	-4.314
4771	47.70	-4.845	-5.338	-5.768	-6.101	-6.305	-6.365	-6.290	-6.116	-5.900	-5.705
4781	47.80	-5.580	-5.553	-5.616	-5.733	-5.851	-5.914	-5.880	-5.725	-5.440	-5.025
4791	47.90	-4.482	-3.816	-3.041	-2.191	-1.318	-0.490	0.229	0.801	1.230	1.559
4801	48.00	1.857	2.186	2.579	3.024	3.476	3.882	4.212	4.474	4.710	4.973
4811	48.10	5.291	5.649	5.985	6.217	6.280	6.156	5.892	5.583	5.336	5.230
4821	48.20	5.288	5.474	5.712	5.913	6.009	5.967	5.790	5.502	5.135	4.718
4831	48.30	4.270	3.806	3.332	2.853	2.363	1.854	1.320	0.766	0.221	-0.264
4841	48.40	-0.623	-0.801	-0.773	-0.564	-0.244	0.089	0.338	0.435	0.357	0.128
4851	48.50	-0.202	-0.570	-0.924	-1.226	-1.460	-1.625	-1.740	-1.837	-1.964	-2.171
4861	48.60	-2.498	-2.951	-3.491	-4.038	-4.495	-4.778	-4.869	-4.733	-4.505	-4.258
4871	48.70	-4.063	-3.942	-3.858	-3.747	-3.548	-3.241	-2.857	-2.462	-2.126	-1.882
4881	48.80	-1.707	-1.530	-1.262	-0.837	-0.247	0.451	1.153	1.736	2.100	2.213
4891	48.90	2.076	1.754	1.338	0.910	0.542	0.266	0.080	-0.044	-0.146	-0.260
4901	49.00	-0.394	-0.527	-0.605	-0.568	-0.371	-0.010	0.470	0.987	1.456	1.824
4911	49.10	2.102	2.357	2.683	3.155	3.789	4.522	5.236	5.803	6.140	6.245
4921	49.20	6.188	6.084	6.034	6.089	6.231	6.401	6.536	6.609	6.635	6.657
4931	49.30	6.705	6.758	6.740	6.542	6.075	5.320	4.345	3.295	2.334	1.585
4941	49.40	1.081	0.762	0.507	0.187	-0.275	-0.878	-1.555	-2.203	-2.730	-3.088
4951	49.50	-3.281	-3.352	-3.356	-3.339	-3.333	-3.360	-3.645	-3.628	-3.955	-4.464
4961	49.60	-5.171	-6.052	-7.046	-8.067	-9.027	-9.855	-10.516	-11.014	-11.376	-11.639
4971	49.70	-11.824	-11.920	-11.877	-11.619	-11.063	-10.158	-8.916	-7.431	-5.865	-4.415
4981	49.80	-3.259	-2.497	-2.125	-2.041	-2.088	-2.112	-2.020	-1.801	-1.505	-1.200
4991	49.90	-0.917	-0.622	-0.227	0.365	1.199	2.227	3.316	4.287	4.992	5.377

Table 7-52-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1244 1321-GR-1-1 HB. (HB.) MUKAWA EMB. MAX. ACC. = 105.049 (GAL) T= 18.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	5.503	5.524	5.619	5.912	6.428	7.086	7.743	8.262	8.570	8.679
5011	50.10	8.668	8.636	8.653	8.735	8.868	8.943	8.989	8.988	8.968	8.953
5021	50.20	8.930	8.839	8.592	8.114	7.382	6.449	5.426	4.437	3.562	2.801
5031	50.30	2.072	1.251	0.239	-0.984	-2.334	-3.646	-4.737	-5.682	-5.867	-5.998
5041	50.40	-6.056	-6.228	-6.628	-7.249	-7.968	-8.597	-8.956	-8.947	-8.586	-7.996
5051	50.50	-7.353	-6.828	-6.523	-6.454	-6.563	-6.755	-6.945	-7.086	-7.169	-7.209
5061	50.60	-7.211	-7.155	-6.999	-6.700	-6.241	-5.657	-5.026	-4.445	-3.988	-3.669
5071	50.70	-3.437	-3.192	-2.834	-2.310	-1.646	-0.942	-0.335	0.055	0.179	0.083
5081	50.80	-0.110	-0.239	-0.167	0.181	0.796	1.602	2.491	3.361	4.140	4.787
5091	50.90	5.279	5.585	5.665	5.471	4.972	4.178	3.151	1.999	0.849	-0.189
5101	51.00	-1.051	-1.728	-2.257	-2.691	-3.070	-3.408	-3.693	-3.906	-4.030	-4.088
5111	51.10	-4.118	-4.169	-4.271	-4.422	-4.578	-4.669	-4.618	-4.367	-3.886	-3.177
5121	51.20	-2.264	-1.184	0.021	1.302	2.597	3.832	4.928	5.822	6.489	6.957
5131	51.30	7.302	7.629	8.031	8.552	9.172	9.809	10.351	10.702	10.813	10.703
5141	51.40	10.444	10.132	9.850	9.640	9.499	9.388	9.255	9.060	8.778	8.408
5151	51.50	7.956	7.438	6.877	6.307	5.773	5.320	4.982	4.747	4.554	4.292
5161	51.60	3.835	3.084	2.012	0.686	-0.749	-2.114	-3.260	-4.114	-4.703	-5.133
5171	51.70	-5.539	-6.025	-6.627	-7.302	-7.962	-8.516	-8.918	-9.190	-9.401	-9.633
5181	51.80	-9.934	-10.287	-10.605	-10.763	-10.648	-10.196	-9.425	-8.424	-7.322	-6.241
5191	51.90	-5.259	-4.389	-3.587	-2.780	-1.908	-0.948	0.070	1.080	2.008	2.800
5201	52.00	3.449	3.991	4.489	4.998	5.542	6.098	6.612	7.021	7.291	7.438
5211	52.10	7.523	7.634	7.846	8.190	8.644	9.145	9.619	10.017	10.327	10.566
5221	52.20	10.751	10.862	10.826	10.536	9.888	8.840	7.447	5.867	4.316	2.998
5231	52.30	2.040	1.445	1.103	0.842	0.494	-0.037	-0.754	-1.584	-2.425	-3.201
5241	52.40	-3.894	-4.546	-5.224	-5.981	-6.818	-7.683	-8.488	-9.146	-9.606	-9.867
5251	52.50	-9.973	-9.987	-9.964	-9.931	-9.887	-9.806	-9.659	-9.425	-9.097	-8.681
5261	52.60	-8.194	-7.660	-7.103	-6.548	-6.013	-5.503	-5.007	-4.497	-3.940	-3.317
5271	52.70	-2.638	-1.948	-1.322	-0.837	-0.550	-0.471	-0.558	-0.730	-0.892	-0.967
5281	52.80	-0.912	-0.724	-0.430	-0.067	0.327	0.725	1.103	1.439	1.714	1.918
5291	52.90	2.061	2.178	2.323	2.548	2.877	3.287	3.701	4.014	4.125	3.975
5301	53.00	3.576	3.005	2.379	1.814	1.381	1.093	0.906	0.753	0.571	0.333
5311	53.10	0.053	-0.231	-0.483	-0.688	-0.866	-1.063	-1.329	-1.696	-2.159	-2.684
5321	53.20	-3.213	-3.691	-4.080	-4.369	-4.570	-4.704	-4.793	-4.845	-4.858	-4.821
5331	53.30	-4.715	-4.525	-4.235	-3.830	-3.302	-2.654	-1.912	-1.130	-0.390	0.213
5341	53.40	0.596	0.715	0.589	0.299	-0.029	-0.259	-0.295	-0.102	0.275	0.741
5351	53.50	1.182	1.519	1.734	1.882	2.064	2.384	2.909	3.634	4.487	5.348
5361	53.60	6.100	6.664	7.024	7.228	7.360	7.506	7.722	8.013	8.338	8.625
5371	53.70	8.801	8.810	8.633	8.281	7.794	7.221	6.608	5.987	5.367	4.735
5381	53.80	4.063	3.320	2.490	1.586	0.663	-0.194	-0.886	-1.331	-1.499	-1.430
5391	53.90	-1.229	-1.036	-0.980	-1.138	-1.497	-1.970	-2.424	-2.736	-2.842	-2.770
5401	54.00	-2.621	-2.535	-2.632	-2.962	-3.485	-4.086	-4.623	-4.976	-5.093	-4.998
5411	54.10	-4.778	-4.540	-4.369	-4.305	-4.339	-4.432	-4.545	-4.662	-4.793	-4.968
5421	54.20	-5.211	-5.521	-5.859	-6.155	-6.331	-6.322	-6.095	-5.665	-5.082	-4.422
5431	54.30	-3.769	-3.197	-2.753	-2.458	-2.300	-2.245	-2.242	-2.242	-2.206	-2.118
5441	54.40	-1.987	-1.837	-1.699	-1.592	-1.516	-1.450	-1.361	-1.218	-1.004	-0.723
5451	54.50	-0.390	-0.027	0.360	0.780	1.251	1.789	2.386	3.003	3.569	3.998
5461	54.60	4.221	4.208	3.989	3.647	3.302	3.072	3.045	3.250	3.654	4.174
5471	54.70	4.704	5.147	5.439	5.562	5.534	5.400	5.206	4.988	4.763	4.538
5481	54.80	4.320	4.124	3.968	3.868	3.818	3.780	3.682	3.438	2.983	2.297
5491	54.90	1.430	0.491	-0.379	-1.059	-1.485	-1.675	-1.719	-1.747	-1.875	-2.169

Table 7-52-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1244 1321-GR-1-1 HB. (HB.) MUKAWA EMB. MAX. ACC. = 105.049 (GAL) T= 18.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-2.618	-3.147	-3.645	-4.006	-4.158	-4.081	-3.800	-3.369	-2.851	-2.301
5511	55.10	-1.761	-1.261	-0.819	-0.445	-0.137	0.119	0.346	0.575	0.833	1.140
5521	55.20	1.506	1.931	2.406	2.921	3.458	3.996	4.508	4.964	5.345	5.643
5531	55.30	5.872	6.057	6.224	6.390	6.547	6.669	6.724	6.692	6.577	6.407
5541	55.40	6.221	6.048	5.890	5.718	5.486	5.151	4.697	4.145	3.544	2.952
5551	55.50	2.410	1.934	1.512	1.119	0.732	0.340	-0.057	-0.457	-0.865	-1.294
5561	55.60	-1.749	-2.213	-2.645	-2.979	-3.160	-3.168	-3.040	-2.870	-2.775	-2.852
5571	55.70	-3.140	-3.605	-4.158	-4.694	-5.134	-5.449	-5.648	-5.748	-5.741	-5.577
5581	55.80	-5.183	-4.508	-3.570	-2.475	-1.398	-0.526	0.019	0.228	0.214	0.162
5591	55.90	0.253	0.582	1.124	1.745	2.271	2.559	2.552	2.297	1.907	1.504
5601	56.00	1.164	0.891	0.638	0.338	-0.051	-0.527	-1.051	-1.575	-2.074	-2.549
5611	56.10	-3.025	-3.517	-4.008	-4.445	-4.761	-4.907	-4.883	-4.746	-4.589	-4.496
5621	56.20	-4.500	-4.568	-4.607	-4.507	-4.188	-3.634	-2.896	-2.064	-1.230	-0.453
5631	56.30	0.249	0.886	1.469	1.981	2.382	2.620	2.671	2.559	2.360	2.171
5641	56.40	2.077	2.104	2.210	2.299	2.267	2.047	1.638	1.105	0.549	0.059
5651	56.50	-0.323	-0.612	-0.861	-1.133	-1.460	-1.830	-2.198	-2.506	-2.714	-2.812
5661	56.60	-2.816	-2.750	-2.623	-2.431	-2.160	-1.815	-1.437	-1.103	-0.909	-0.931
5671	56.70	-1.192	-1.654	-2.226	-2.808	-3.328	-3.768	-4.161	-4.559	-4.993	-5.443
5681	56.80	-5.841	-6.098	-6.153	-6.008	-5.730	-5.428	-5.200	-5.086	-5.044	-4.968
5691	56.90	-4.736	-4.264	-3.549	-2.668	-1.749	-0.921	-0.269	0.189	0.489	0.687
5701	57.00	0.828	0.923	0.955	0.898	0.738	0.488	0.181	-0.146	-0.471	-0.789
5711	57.10	-1.110	-1.441	-1.777	-2.097	-2.381	-2.623	-2.842	-3.076	-3.358	-3.694
5721	57.20	-4.045	-4.338	-4.490	-4.446	-4.201	-3.800	-3.318	-2.822	-2.345	-1.877
5731	57.30	-1.390	-0.863	-0.315	0.198	0.601	0.845	0.935	0.944	0.986	1.173
5741	57.40	1.564	2.145	2.836	3.521	4.102	4.529	4.807	4.979	5.095	5.185
5751	57.50	5.252	5.283	5.266	5.210	5.139	5.083	5.054	5.038	4.998	4.888
5761	57.60	4.681	4.375	3.993	3.567	3.120	2.659	2.178	1.680	1.187	0.753
5771	57.70	0.446	0.323	0.407	0.665	1.018	1.362	1.600	1.665	1.541	1.254
5781	57.80	0.859	0.422	0.006	-0.338	-0.574	-0.674	-0.624	-0.414	-0.036	0.511
5791	57.90	1.226	2.096	3.091	4.154	5.205	6.155	6.931	7.495	7.858	8.068
5801	58.00	8.186	8.250	8.262	8.191	8.002	7.701	7.352	7.066	6.962	7.105
5811	58.10	7.469	7.936	8.351	8.591	8.628	8.538	8.460	8.506	8.692	8.913
5821	58.20	8.991	8.770	8.209	7.422	6.631	6.063	5.833	5.885	6.025	6.028
5831	58.30	5.774	5.321	4.884	4.716	4.961	5.555	6.245	6.719	6.788	6.512
5841	58.40	6.194	6.232	6.881	8.053	9.270	9.808	8.987	6.486	2.526	-2.161

Table 7-53-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	5.125	4.634	3.268	1.983	1.709	2.903	5.323	8.127	10.253	10.907
11	0.10	9.905	7.731	5.275	3.398	2.546	2.601	3.028	3.234	2.928	2.296
21	0.20	1.889	2.282	3.697	5.790	7.734	8.575	7.691	5.137	1.685	-1.465
31	0.30	-3.176	-2.855	-0.696	2.419	5.302	6.950	6.917	5.422	3.164	0.971
41	0.40	-0.547	-1.180	-1.074	-0.537	0.185	1.021	2.028	3.236	4.497	5.452
51	0.50	5.664	4.850	3.091	0.881	-1.031	-1.950	-1.562	-0.094	1.769	3.193
61	0.60	3.581	2.860	1.510	0.324	0.000	0.779	2.287	3.692	4.089	2.946
71	0.70	0.396	-2.764	-5.386	-6.445	-5.480	-2.795	0.655	3.650	5.188	4.856
81	0.80	2.960	0.344	-1.971	-3.207	-3.104	-1.972	-0.505	0.536	0.643	-0.244
91	0.90	-1.737	-3.176	-3.897	-3.495	-1.988	0.183	2.299	3.605	3.572	2.091
101	1.00	-0.465	-3.334	-5.590	-6.449	-5.544	-3.086	0.160	3.098	4.672	4.251
111	1.10	1.896	-1.616	-5.030	-7.074	-6.945	-6.655	-1.070	2.407	4.374	4.011
121	1.20	1.427	-2.354	-5.806	-7.519	-6.790	-3.908	-0.019	3.368	5.019	4.463
131	1.30	2.131	-0.897	-3.409	-4.579	-4.249	-2.879	-1.219	0.095	0.811	1.068
141	1.40	1.186	1.377	1.580	1.508	0.877	-0.338	-1.791	-2.897	-3.133	-2.356
151	1.50	-0.920	0.476	1.158	0.858	-0.123	-1.069	-1.271	-0.462	0.959	2.102
161	1.60	2.059	0.459	-2.231	-4.838	-6.020	-4.955	-1.818	2.219	5.492	6.619
171	1.70	5.162	1.841	-1.818	-4.210	-4.412	-2.575	0.207	2.486	3.180	2.058
181	1.80	-0.221	-2.524	-3.838	-3.745	-2.533	-0.930	0.356	1.015	1.219	1.404
191	1.90	1.894	2.620	3.111	2.774	1.300	-1.043	-3.424	-4.789	-4.370	-2.112
201	2.00	1.219	4.307	5.826	5.014	2.010	-2.182	-6.091	-8.357	-8.241	-5.885
211	2.10	-2.210	1.464	3.923	4.490	3.228	0.850	-1.602	-3.182	-3.398	-2.370
221	2.20	-0.721	0.726	1.332	0.915	-0.197	-1.367	-1.994	-1.827	-1.081	-0.285
231	2.30	0.056	-0.205	-0.738	-0.906	-0.179	1.476	3.436	4.659	4.238	1.955
241	2.40	-1.442	-4.480	-5.639	-4.152	-0.498	3.718	6.478	6.349	3.246	-1.464
251	2.50	-5.599	-7.235	-5.687	-1.860	2.222	4.463	3.790	0.689	-3.084	-5.469
261	2.60	-5.223	-2.571	0.948	3.365	3.385	1.106	-2.055	-4.175	-3.917	-1.282
271	2.70	2.397	5.227	5.831	4.125	1.349	-0.669	-0.583	1.685	4.894	7.203
281	2.80	7.246	4.929	1.491	-1.227	-1.874	-0.401	1.890	3.118	1.984	-1.369
291	2.90	-5.303	-7.529	-6.395	-1.899	4.159	9.020	10.369	7.549	1.923	-3.832
301	3.00	-7.110	-6.714	-3.410	0.581	2.860	2.186	-0.860	-4.250	-5.683	-3.921
311	3.10	0.464	5.351	8.177	7.303	2.900	-3.097	-7.954	-9.466	-6.799	-1.710
321	3.20	4.100	8.118	9.051	7.062	3.469	-0.032	-2.188	-2.635	-1.837	-0.648
331	3.30	0.180	0.299	-0.237	-1.159	-2.171	-3.014	-3.409	-3.019	-1.542	1.061
341	3.40	4.330	7.269	8.640	7.505	3.773	-1.561	-6.683	-9.672	-9.336	-5.790
351	3.50	-0.451	4.553	7.294	6.859	3.685	-0.704	-4.409	-5.966	-4.900	-1.813
361	3.60	1.947	4.869	5.836	4.486	1.294	-2.594	-5.718	-6.766	-5.052	-0.872
371	3.70	4.421	8.747	10.028	7.099	0.418	-7.819	-14.358	-16.182	-11.908	-2.608
381	3.80	8.405	16.868	19.389	14.980	5.538	-4.986	-12.375	-14.034	-10.051	-2.961
391	3.90	3.655	6.956	6.116	2.445	-1.591	-3.858	-3.677	-1.989	-0.529	-0.581
401	4.00	-2.097	-3.731	-3.773	-1.392	2.609	6.058	6.611	3.224	-2.996	-9.134
411	4.10	-11.908	-9.483	-2.628	5.471	10.730	10.267	3.965	-5.543	-13.216	-15.782
421	4.20	-11.645	-2.535	7.601	14.547	15.782	11.472	4.065	-3.165	-7.774	-9.098
431	4.30	-8.100	-6.349	-4.856	-3.494	-1.332	2.415	7.475	12.312	14.813	13.514
441	4.40	8.617	2.152	-2.901	-4.117	-0.944	4.911	10.274	12.089	8.982	1.981
451	4.50	-5.976	-11.471	-12.239	-8.180	-1.268	5.497	9.543	9.823	7.069	3.184
461	4.60	0.171	-0.826	0.085	1.791	2.854	2.225	-0.332	-4.212	-8.253	-11.146
471	4.70	-11.822	-9.751	-5.135	1.011	6.988	10.810	10.845	6.526	-1.195	-9.958
481	4.80	-16.747	-19.065	-16.038	-8.900	-0.569	5.564	7.106	3.707	-2.817	-9.328
491	4.90	-12.781	-11.509	-5.817	2.336	10.302	15.831	17.754	16.057	11.469	4.958

Table 7-53-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-2.548	-10.107	-16.584	-20.644	-21.105	-17.540	-10.762	-2.810	3.731	6.829
511	5.10	5.992	2.564	-0.884	-1.853	0.776	6.098	11.603	14.460	13.015	7.684
521	5.20	0.785	-4.647	-6.407	-4.222	0.186	4.072	5.154	2.787	-1.781	-6.179
531	5.30	-8.242	-7.154	-3.795	-0.129	1.971	1.776	0.065	-1.401	-0.942	2.045
541	5.40	6.722	11.251	13.765	13.312	10.259	5.976	2.034	-0.600	-1.906	-2.561
551	5.50	-3.302	-4.326	-5.128	-4.863	-3.011	0.108	3.292	4.985	4.094	0.653
561	5.60	-4.060	-8.043	-9.493	-7.662	-3.228	2.003	5.906	6.964	4.878	0.627
571	5.70	-4.018	-7.249	-7.911	-5.856	-1.888	2.615	6.206	7.817	7.043	4.226
581	5.80	0.345	-3.253	-5.239	-4.725	-1.612	3.281	8.404	11.959	12.542	9.691
591	5.90	4.110	-2.553	-8.304	-11.534	-11.583	-8.904	-4.790	-0.795	1.866	2.705
601	6.00	1.981	0.422	-1.199	-2.403	-3.128	-3.616	-4.152	-4.805	-5.317	-5.181
611	6.10	-3.866	-1.112	2.865	7.326	11.190	13.376	13.209	10.731	6.768	2.685
621	6.20	-0.109	-0.740	0.728	3.274	5.339	5.551	3.424	-0.307	-3.935	-5.548
631	6.30	-3.985	0.472	6.069	10.272	10.920	7.298	0.596	-6.508	-11.004	-10.906
641	6.40	-6.193	1.148	7.985	11.430	10.092	4.615	-2.711	-9.067	-12.359	-12.037
651	6.50	-9.123	-5.507	-2.935	-2.212	-2.999	-4.238	-4.894	-4.578	-3.714	-3.178
661	6.60	-3.668	-5.200	-7.025	-8.045	-7.471	-5.361	-2.686	-0.867	-1.003	-3.197
671	6.70	-6.365	-8.669	-8.395	-4.852	1.169	7.631	12.117	12.926	9.904	4.588
681	6.80	-0.431	-2.656	-0.837	4.392	10.704	15.036	14.906	9.541	0.301	-9.763
691	6.90	-17.073	-18.910	-14.470	-5.156	5.979	15.406	20.409	19.992	15.074	7.947
701	7.00	1.290	-2.850	-3.697	-1.827	1.276	3.921	4.864	3.678	0.760	-2.934
711	7.10	-6.272	-8.287	-8.403	-6.537	-3.118	0.974	4.561	6.451	5.819	2.577
721	7.20	-2.431	-7.583	-10.998	-11.287	-8.223	-2.993	2.166	4.866	3.670	-1.129
731	7.30	-7.440	-12.161	-12.528	-7.460	1.738	11.701	18.291	18.354	11.168	-1.067
741	7.40	-13.985	-22.759	-24.073	-17.510	-5.755	6.481	14.371	14.908	8.077	-3.217
751	7.50	-14.382	-21.003	-20.545	-13.238	-1.836	9.560	17.096	18.515	13.801	4.941
761	7.60	-4.961	-12.818	-16.493	-15.258	-9.729	-1.442	7.683	15.808	21.466	23.702
771	7.70	22.147	17.066	9.376	0.571	-7.506	-13.047	-14.738	-12.145	-5.897	2.440
781	7.80	10.744	16.890	19.305	17.361	11.534	3.281	-5.303	-11.996	-15.002	-13.450
791	7.90	-7.688	0.715	9.331	15.549	17.385	14.177	6.898	-2.099	-9.848	-13.818
801	8.00	-12.842	-7.562	-0.194	6.322	9.435	7.927	2.311	-5.453	-12.769	-17.367
811	8.10	-18.035	-14.862	-8.980	-2.020	4.434	9.188	11.522	11.144	8.152	3.108
821	8.20	-2.859	-8.094	-10.149	-9.408	-3.771	4.937	14.147	20.722	22.412	18.416
831	8.30	10.289	1.172	-5.433	-7.160	-3.796	2.655	8.925	11.994	10.439	4.986
841	8.40	-1.999	-7.781	-10.630	-10.587	-9.251	-8.722	-10.293	-13.619	-16.818	-17.466
851	8.50	-13.968	-6.557	2.617	10.404	14.096	12.681	7.266	0.465	-4.912	-7.181
861	8.60	-6.442	-4.291	-2.775	-3.201	-5.448	-8.115	-9.390	-8.110	-4.419	0.331
871	8.70	4.350	6.386	6.343	5.198	4.303	4.486	5.512	6.223	5.281	2.084
881	8.80	-2.702	-7.310	-9.709	-8.633	-4.280	1.725	7.065	9.785	9.121	5.709
891	8.90	1.140	-2.827	-4.954	-4.795	-2.534	1.364	6.350	11.709	16.320	18.596
901	9.00	16.888	10.326	-0.304	-12.233	-21.364	-23.838	-17.910	-5.172	9.641	20.414
911	9.10	22.320	14.177	-0.711	-15.776	-24.043	-21.332	-8.299	9.724	25.062	31.141
921	9.20	25.417	10.433	-7.464	-21.085	-25.579	-20.357	-8.949	2.980	10.357	10.833
931	9.30	5.367	-2.786	-9.982	-13.922	-14.361	-12.644	-10.530	-9.092	-8.322	-7.536
941	9.40	-6.175	-4.390	-2.988	-2.784	-3.834	-5.111	-4.934	-1.961	3.839	10.868
951	9.50	16.516	18.458	15.933	10.265	4.279	0.868	1.464	5.247	9.548	11.259
961	9.60	8.507	1.698	-6.621	-13.011	-14.828	-11.469	-4.547	3.036	8.556	10.703
971	9.70	9.911	7.780	5.934	5.072	4.718	3.758	1.352	-2.363	-6.239	-8.763
981	9.80	-8.966	-7.023	-4.169	-1.953	-1.313	-2.018	-2.849	-2.423	-0.156	3.226
991	9.90	5.987	6.349	3.579	-1.441	-6.555	-9.417	-8.756	-5.087	-0.460	2.643

Table 7-53-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	2.669	-0.162	-3.983	-6.349	-5.625	-1.939	2.848	6.149	6.084	2.539
1011	10.10	-2.726	-6.993	-8.025	-5.246	-0.045	4.969	7.313	5.892	1.484	-3.728
1021	10.20	-7.316	-7.793	-5.240	-1.102	2.649	4.488	3.938	1.559	-1.535	-4.283
1031	10.30	-6.024	-6.493	-5.584	-3.183	0.727	5.748	10.804	14.247	14.454	10.700
1041	10.40	3.838	-3.692	-8.682	-8.547	-2.628	7.259	17.403	23.702	23.443	16.503
1051	10.50	5.411	-5.770	-13.190	-14.772	-10.884	-3.887	3.104	7.605	8.622	6.686
1061	10.60	3.216	-0.338	-3.079	-4.756	-5.462	-5.277	-4.161	-2.155	0.305	2.280
1071	10.70	2.634	0.662	-3.330	-7.904	-11.028	-11.098	-7.909	-2.999	0.954	1.664
1081	10.80	-2.326	-8.888	-14.739	-15.962	-10.140	2.229	17.608	30.724	36.746	33.354
1091	10.90	21.734	6.046	-8.363	-17.131	-18.472	-13.502	-5.295	2.748	8.372	11.096
1101	11.00	11.843	11.927	12.066	11.983	10.771	7.713	3.000	-2.134	-5.998	-7.402
1111	11.10	-6.441	-4.585	-3.953	-6.120	-11.090	-17.034	-21.025	-20.455	-14.447	-4.528
1121	11.20	5.857	12.809	13.774	8.786	0.539	-6.799	-9.499	-6.017	2.272	11.700
1131	11.30	18.026	18.429	12.821	3.865	-4.318	-8.128	-6.191	0.024	6.963	10.750
1141	11.40	9.070	2.269	-6.864	-14.502	-17.666	-15.633	-10.180	-4.563	-1.760	-2.898
1151	11.50	-6.659	-9.989	-9.722	-4.302	5.293	15.904	23.627	25.624	21.389	12.855
1161	11.60	3.346	-4.059	-7.881	-8.641	-8.181	-8.339	-9.778	-11.634	-12.158	-9.957
1171	11.70	-5.096	0.650	4.567	4.448	-0.112	-7.295	-13.828	-16.572	-14.133	-7.616
1181	11.80	-0.106	4.891	5.231	1.225	-4.552	-8.617	-8.389	-3.492	4.116	11.241
1191	11.90	15.152	14.949	11.867	8.378	6.610	7.001	7.959	6.760	1.215	-8.808
1201	12.00	-20.870	-30.810	-34.584	-30.206	-18.791	-4.190	8.644	15.760	15.796	10.337
1211	12.10	2.950	-2.542	-3.707	-0.319	5.908	12.373	16.801	18.019	16.018	11.491
1221	12.20	5.260	-2.010	-9.664	-16.720	-21.697	-22.907	-19.185	-10.685	0.735	11.880
1231	12.30	19.298	20.621	15.552	6.006	-4.682	-13.107	-17.066	-16.186	-11.683	-5.480
1241	12.40	0.774	6.279	10.994	15.060	18.187	19.447	17.665	12.182	3.549	-6.334
1251	12.50	-14.797	-19.467	-19.307	-15.075	-8.971	-3.623	-0.933	-1.346	-3.874	-6.798
1261	12.60	-8.620	-8.736	-7.511	-5.785	-4.176	-2.656	-0.657	2.347	6.188	9.721
1271	12.70	11.183	9.067	3.052	-5.534	-14.052	-19.591	-20.222	-15.863	-8.288	-0.297
1281	12.80	5.558	8.049	7.636	5.972	4.861	5.239	6.699	7.794	6.925	3.311
1291	12.90	-2.449	-8.524	-12.627	-13.025	-9.333	-2.735	4.422	9.476	10.387	6.459
1301	13.00	-1.374	-10.742	-18.468	-21.481	-17.820	-7.445	7.433	22.763	33.826	36.888
1311	13.10	30.753	17.497	1.919	-10.280	-14.931	-11.404	-3.167	3.560	2.605	-9.074
1321	13.20	-29.517	-52.100	-68.135	-70.651	-57.622	-33.082	-5.489	15.979	25.469	22.922
1331	13.30	13.733	5.776	5.251	13.458	26.141	35.789	35.762	24.154	5.343	-11.659
1341	13.40	-17.391	-6.653	18.593	49.651	74.757	84.312	75.225	52.270	25.822	7.030
1351	13.50	2.739	12.553	29.393	43.206	45.980	35.627	16.894	-1.056	-9.171	-2.898
1361	13.60	15.667	38.828	56.947	62.876	55.025	37.669	18.475	6.601	-0.671	0.865
1371	13.70	3.772	2.204	-6.785	-21.551	-36.607	-45.380	-43.539	-31.226	-13.076	3.910
1381	13.80	13.537	13.057	4.002	-9.056	-21.079	-29.041	-33.057	-35.629	-39.545	-45.642
1391	13.90	-51.735	-53.342	-45.894	-27.307	0.430	31.490	58.207	73.909	75.269	63.143
1401	14.00	41.660	16.190	-8.709	-30.352	-47.653	-59.959	-65.906	-63.213	-49.697	-25.066
1411	14.10	7.561	41.424	67.651	78.171	68.845	41.480	3.723	-33.249	-58.449	-64.794
1421	14.20	-51.430	-23.840	8.198	33.983	45.311	38.808	16.520	-15.228	-48.100	-74.279
1431	14.30	-88.455	-88.765	-76.614	-55.679	-30.558	-5.578	15.948	31.923	41.304	43.839
1441	14.40	39.951	30.697	18.083	4.782	-6.259	-12.715	-13.868	-11.191	-8.107	-8.781
1451	14.50	-16.290	-30.937	-49.533	-66.187	-74.476	-70.195	-53.482	-29.284	-5.783	8.672
1461	14.60	8.870	-5.146	-28.114	-51.685	-67.713	-71.197	-61.651	-42.422	-18.550	5.612
1471	14.70	27.727	47.179	63.518	74.786	77.012	65.514	37.620	-4.529	-52.739	-94.177
1481	14.80	-115.329	-107.117	-69.034	-10.360	52.332	100.655	120.818	108.442	69.918	19.784
1491	14.90	-24.725	-49.769	-49.258	-25.977	10.645	48.829	78.847	95.733	99.445	92.888

Table 7-53-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	79.122	59.358	32.788	-1.727	-43.101	-86.140	-121.617	-138.719	-129.101	-90.931
1511	15.10	-31.063	35.857	91.373	118.987	109.656	64.912	-3.563	-77.727	-138.870	-173.057
1521	15.20	-174.426	-145.430	-96.444	-32.169	31.445	88.589	133.233	159.952	163.370	139.202
1531	15.30	86.838	12.234	-70.794	-142.364	-181.675	-174.056	-117.197	-23.709	81.680	169.819
1541	15.40	217.093	213.780	167.366	99.155	35.786	-1.534	-4.952	17.808	47.949	64.681
1551	15.50	54.804	18.523	-30.986	-73.914	-93.007	-81.345	-45.178	-0.666	33.781	45.871
1561	15.60	34.601	9.966	-12.413	-18.982	-4.515	25.932	60.063	84.603	91.558	81.438
1571	15.70	62.079	43.981	34.795	35.824	42.237	46.613	43.691	33.618	21.878	15.925
1581	15.80	20.404	33.622	47.362	50.392	34.060	-2.771	-52.019	-98.942	-127.986	-129.374
1591	15.90	-103.509	-61.263	-20.020	2.834	-3.668	-40.184	-96.955	-157.226	-202.674	-218.924
1601	16.00	-199.471	-147.133	-72.981	6.705	74.611	116.719	125.844	103.460	59.202	7.931
1611	16.10	-34.958	-58.542	-59.929	-44.893	-25.186	-13.458	-17.803	-38.259	-66.777	-90.713
1621	16.20	-98.319	-83.783	-49.623	-5.448	36.207	64.970	76.367	72.540	60.315	47.244
1631	16.30	38.278	34.223	32.585	29.989	24.693	17.820	12.795	13.471	22.091	38.169
1641	16.40	58.777	79.856	97.711	109.881	115.130	112.952	103.277	86.837	66.045	45.632
1651	16.50	32.157	32.019	48.478	79.059	114.870	142.753	149.867	129.024	82.427	21.905
1661	16.60	-34.856	-76.190	-52.463	-11.865	27.398	48.293	41.508	8.708	-38.718	
1671	16.70	-84.707	-115.092	-122.881	-110.152	-86.020	-61.860	-46.040	-40.495	-40.515	-37.631
1681	16.80	-24.174	2.607	38.655	74.233	97.546	99.322	76.488	33.496	-19.151	-68.519
1691	16.90	-103.588	-118.703	-114.941	-99.089	-80.777	-68.960	-69.011	-81.349	-101.850	-123.645
1701	17.00	-139.486	-143.861	-134.275	-111.562	-79.432	-43.582	-10.663	12.816	21.645	13.120
1711	17.10	-11.882	-48.390	-87.787	-119.505	-133.720	-124.373	-91.454	-41.591	13.515	60.518
1721	17.20	88.605	92.958	76.185	47.119	17.387	-2.935	-8.918	-2.202	10.284	19.732
1731	17.30	19.561	8.471	-8.862	-23.757	-27.334	-14.537	13.370	46.942	81.327	100.536
1741	17.40	101.421	85.675	61.024	37.972	25.507	27.615	42.032	61.678	78.001	84.645
1751	17.50	79.823	66.400	49.892	35.479	25.618	19.397	13.847	6.396	-2.960	-11.007
1761	17.60	-12.654	-3.613	16.922	45.049	73.115	92.524	97.154	85.797	62.536	34.922
1771	17.70	10.851	-4.415	-9.827	-8.213	-4.447	-3.180	-7.205	-17.030	-31.511	-48.849
1781	17.80	-67.236	-84.818	-99.194	-107.091	-104.755	-89.179	-59.689	-19.096	26.325	68.187
1791	17.90	98.250	110.667	103.383	78.224	39.864	-5.716	-52.614	-95.858	-131.747	-157.988
1801	18.00	-173.847	-180.267	-179.621	-174.774	-167.522	-156.988	-138.964	-106.998	-55.321	17.280
1811	18.10	104.363	191.262	257.984	285.072	260.505	184.982	73.342	-48.749	-151.883	-211.351
1821	18.20	-214.073	-161.788	-69.771	38.096	136.013	202.613	225.408	202.675	142.888	62.222
1831	18.30	-19.236	-81.967	-111.487	-101.906	-57.554	8.114	76.386	128.978	153.704	148.030
1841	18.40	119.116	80.262	45.254	23.011	14.786	15.025	15.237	8.852	-5.338	-22.781
1851	18.50	-35.834	-37.972	-27.280	-7.409	14.430	31.272	39.917	42.249	43.650	49.386
1861	18.60	60.936	74.305	81.305	73.266	45.320	-0.862	-57.256	-112.443	-158.852	-181.211
1871	18.70	-187.665	-178.331	-157.439	-127.874	-90.626	-46.382	1.811	46.746	77.718	84.018
1881	18.80	59.994	9.306	-54.014	-108.855	-133.914	-115.671	-54.228	35.555	128.348	196.622
1891	18.90	219.843	191.178	119.334	25.088	-65.942	-131.464	-158.726	-146.919	-105.506	-49.679
1901	19.00	5.037	47.121	71.198	77.843	71.730	59.165	45.896	35.711	29.934	27.639
1911	19.10	26.386	23.248	15.930	3.737	-11.929	-27.794	-39.714	-44.181	-39.778	-27.929
1921	19.20	-12.533	1.468	10.040	11.674	7.915	2.529	-0.337	1.865	8.887	17.852
1931	19.30	26.684	26.085	21.039	11.115	-0.593	-11.293	-20.089	-28.428	-39.060	-53.967
1941	19.40	-72.335	-89.703	-98.998	-93.251	-68.954	-28.572	19.043	60.815	83.592	78.800
1951	19.50	65.834	-7.186	-65.724	-113.458	-137.607	-133.063	-103.846	-61.394	-20.361	6.521
1961	19.60	12.652	-0.632	-25.196	-49.603	-63.531	-61.389	-43.812	-16.633	12.059	35.381
1971	19.70	50.160	57.495	61.313	65.772	72.837	81.207	87.074	86.280	76.748	59.948
1981	19.80	40.628	24.906	17.601	20.074	29.606	40.594	47.031	45.137	34.994	20.509
1991	19.90	7.822	2.900	9.362	27.313	53.487	82.399	107.898	124.543	128.477	117.848

Table 7-53-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	92.985	56.486	13.196	-30.182	-66.067	-87.603	-90.568	-76.822	-45.055	-9.711
2011	20.10	21.106	38.573	37.849	19.644	-9.918	-41.148	-63.807	-70.331	-58.266	-31.119
2021	20.20	2.662	32.320	48.214	44.969	23.293	-10.203	-45.188	-71.118	-80.835	-72.970
2031	20.30	-52.226	-27.434	-8.118	-0.931	-7.374	-23.672	-42.749	-57.387	-63.150	-59.836
2041	20.40	-50.939	-41.552	-35.809	-35.122	-38.008	-41.426	-42.827	-41.764	-40.181	-41.237
2051	20.50	-47.277	-58.028	-70.006	-77.515	-74.865	-58.820	-30.195	6.101	42.587	71.656
2061	20.60	87.972	89.960	79.962	63.188	45.968	33.967	30.836	37.560	52.467	71.776
2071	20.70	90.509	103.603	107.067	98.957	79.917	53.069	23.224	-4.394	-25.511	-37.797
2081	20.80	-41.159	-37.315	-28.916	-18.629	-8.588	-0.334	4.902	5.920	1.617	-8.513
2091	20.90	-23.637	-41.063	-56.363	-64.383	-60.930	-44.569	-17.800	13.005	39.104	51.983
2101	21.00	46.265	21.902	-15.181	-54.383	-83.409	-92.068	-75.710	-37.118	13.853	62.917
2111	21.10	95.553	101.460	77.851	30.484	-27.969	-81.703	-116.523	-124.007	-103.760	-63.105
2121	21.20	-14.405	28.976	56.704	64.194	53.270	30.771	5.768	-13.521	-22.116	-19.272
2131	21.30	-7.998	6.535	19.020	25.762	25.661	20.250	12.911	7.607	7.570	14.297
2141	21.40	27.121	43.435	59.469	71.403	76.480	73.805	64.585	51.718	38.854	29.207
2151	21.50	24.511	24.455	26.812	28.225	25.385	16.228	0.716	-19.035	-39.353	-56.114
2161	21.60	-65.984	-67.406	-60.997	-49.280	-35.848	-24.268	-17.085	-15.220	-17.906	-23.132
2171	21.70	-28.397	-31.534	-31.347	-27.910	-22.687	-17.108	-13.959	-14.712	-20.015	-29.238
2181	21.80	-40.607	-51.678	-60.049	-64.083	-63.379	-58.801	-52.010	-44.681	-37.714	-30.815
2191	21.90	-22.686	-11.802	2.541	19.376	35.882	48.060	52.089	45.852	30.008	8.110
2201	22.00	-14.397	-31.497	-39.025	-35.183	-21.092	-0.002	23.989	47.190	67.081	82.419
2211	22.10	92.849	98.397	99.183	95.500	88.112	78.476	68.625	60.641	55.923	54.607
2221	22.20	55.463	56.372	55.206	50.702	42.926	33.120	23.023	14.020	6.539	0.010
2231	22.30	-6.617	-14.058	-22.003	-28.915	-32.446	-30.328	-21.360	-6.106	13.014	32.257
2241	22.40	47.550	55.601	54.768	45.432	29.794	11.170	-6.986	-22.038	-32.826	-39.822
2251	22.50	-44.737	-49.704	-56.320	-64.888	-74.179	-81.823	-85.214	-82.593	-73.879	-60.889
2261	22.60	-46.837	-35.306	-29.083	-29.322	-35.333	-45.024	-55.745	-65.143	-71.676	-74.646
2271	22.70	-73.859	-69.199	-60.405	-47.208	-29.738	-8.960	13.156	33.888	50.409	60.577
2281	22.80	63.549	59.986	51.754	41.292	30.875	22.070	15.541	11.193	8.537	7.082
2291	22.90	6.583	7.092	8.820	11.919	16.281	21.448	26.667	31.084	34.017	35.214
2301	23.00	35.008	34.266	34.128	35.570	38.944	43.694	48.386	51.129	50.258	45.049
2311	23.10	36.145	25.505	15.812	9.543	8.062	11.070	16.681	22.085	24.559	22.448
2321	23.20	15.732	5.997	-4.157	-12.035	-15.760	-14.869	-10.439	-4.746	-0.579	-0.440
2331	23.30	-5.836	-16.828	-31.964	-48.608	-63.610	-74.148	-78.511	-76.563	-69.710	-60.351
2341	23.40	-50.996	-43.401	-38.062	-34.305	-30.934	-27.114	-23.063	-20.154	-20.330	-25.077
2351	23.50	-34.443	-46.639	-58.514	-66.756	-69.323	-66.411	-60.439	-54.978	-53.028	-55.436
2361	23.60	-60.195	-63.051	-59.218	-45.502	-21.921	7.930	37.981	61.815	74.988	76.575
2371	23.70	69.357	58.623	50.124	48.042	53.732	65.647	80.300	93.749	102.949	106.457
2381	23.80	104.393	97.836	88.107	76.289	63.184	49.572	36.538	25.556	18.222	15.712
2391	23.90	18.226	24.700	32.960	40.305	44.296	43.472	37.719	28.205	16.932	6.122
2401	24.00	-2.348	-7.293	-8.298	-5.619	-0.013	7.401	15.215	21.809	25.517	24.911
2411	24.10	19.193	8.530	-5.814	-21.691	-36.616	-48.482	-56.193	-59.937	-60.986	-61.080
2421	24.20	-61.674	-63.376	-65.844	-68.181	-69.621	-70.133	-70.584	-72.326	-76.348	-82.429
2431	24.30	-88.768	-92.377	-90.187	-80.431	-63.665	-42.897	-22.670	-7.411	0.271	0.574
2441	24.40	-3.671	-8.291	-9.615	-6.046	1.334	9.405	14.549	14.400	8.965	0.654
2451	24.50	-6.773	-9.808	-6.594	2.488	15.239	28.764	40.707	50.002	56.846	62.028
2461	24.60	66.073	68.706	68.946	65.750	58.838	49.215	39.056	30.977	27.022	27.836
2471	24.70	32.404	38.477	43.446	45.288	43.176	37.558	29.798	21.588	14.452	9.479
2481	24.80	7.287	8.070	11.610	17.185	23.505	28.810	31.236	29.408	23.015	13.106
2491	24.90	1.879	-8.016	-14.429	-16.525	-15.115	-12.341	-10.850	-12.783	-19.022	-28.959

Table 7-53-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-40.849	-52.550	-62.301	-69.219	-73.364	-75.399	-76.981	-75.805	-74.398	-71.202
2511	25.10	-65.363	-56.199	-43.511	-27.776	-10.203	7.350	22.598	33.206	37.290	33.966
2521	25.20	23.788	8.868	-7.440	-21.299	-29.418	-30.027	-23.448	-12.041	0.493	10.251
2531	25.30	14.298	11.515	2.828	-9.194	-21.199	-30.063	-33.718	-31.595	-24.607	-14.756
2541	25.40	-4.529	3.757	8.497	9.145	6.294	1.485	-3.247	-5.974	-5.465	-1.583
2551	25.50	4.689	11.634	17.490	21.188	22.826	23.666	25.600	30.298	38.388	49.049
2561	25.60	60.211	69.326	74.370	74.651	71.041	65.530	60.292	56.690	54.685	52.924
2571	25.70	49.480	42.881	32.959	21.108	9.805	1.624	-1.826	-0.560	3.826	8.848
2581	25.80	12.163	12.453	9.798	5.417	0.949	-2.327	-3.986	-4.424	-4.439	-4.615
2591	25.90	-4.935	-4.785	-3.352	-0.181	4.429	9.425	13.408	15.262	14.670	12.259
2601	26.00	9.265	6.907	5.747	5.389	4.651	2.159	-2.935	-10.457	-19.180	-27.291
2611	26.10	-33.145	-35.955	-36.115	-34.991	-34.299	-35.334	-38.416	-42.781	-46.963	-49.483
2621	26.20	-49.523	-47.280	-43.851	-40.695	-38.928	-38.766	-39.387	-39.272	-36.599	-31.484
2631	26.30	-23.440	-14.323	-6.263	-1.103	0.409	-0.990	-3.302	-4.032	-1.213	5.744
2641	26.40	15.724	26.267	34.465	38.042	36.153	29.599	20.383	10.835	2.705	-3.372
2651	26.50	-7.840	-11.689	-15.728	-20.046	-23.917	-26.175	-25.836	-22.616	-17.074	-10.321
2661	26.60	-3.453	2.944	8.957	15.070	21.602	28.202	33.697	36.444	35.039	29.048
2671	26.70	19.382	8.088	-2.362	-9.978	-13.936	-14.720	-13.691	-12.315	-11.451	-11.043
2681	26.80	-10.346	-8.533	-5.343	-1.395	1.976	3.309	1.714	-2.675	-8.711	-14.696
2691	26.90	-19.067	-20.957	-20.398	-18.100	-14.958	-11.573	-8.025	-3.973	0.997	7.008
2701	27.00	13.714	20.403	26.286	30.820	33.863	35.593	36.264	35.955	34.504	31.662
2711	27.10	27.413	22.245	17.201	13.606	12.571	14.471	18.677	23.689	27.656	29.084
2721	27.20	27.422	23.277	18.139	13.745	11.348	11.219	12.598	14.101	14.402	12.872
2731	27.30	9.867	6.545	4.283	3.959	5.439	7.526	8.404	6.421	0.667	-7.587
2741	27.40	-17.014	-24.857	-28.853	-27.861	-22.279	-13.898	-5.262	1.193	3.882	2.452
2751	27.50	-2.315	-8.952	-15.881	-21.893	-26.357	-29.179	-30.599	-30.989	-30.737	-30.244
2761	27.60	-29.945	-30.283	-31.580	-33.868	-36.767	-39.526	-41.262	-41.330	-39.663	-36.906
2771	27.70	-34.265	-33.082	-34.307	-38.089	-43.663	-49.595	-54.290	-56.563	-56.045	-53.269
2781	27.80	-49.415	-45.839	-43.586	-43.049	-43.917	-45.365	-46.404	-46.230	-44.444	-41.095
2791	27.90	-36.559	-31.324	-25.799	-20.196	-14.536	-8.744	-2.781	3.250	9.075	14.324
2801	28.00	18.679	22.038	24.625	26.989	29.863	33.928	39.553	46.623	54.525	62.307
2811	28.10	68.957	73.696	76.171	76.484	75.075	72.527	69.423	66.295	63.683	62.205
2821	28.20	62.525	65.163	70.178	76.868	83.685	88.500	89.235	84.592	74.787	61.647
2831	28.30	48.244	37.959	33.360	35.307	42.646	52.613	61.797	67.268	67.440	62.366
2841	28.40	53.413	42.549	31.593	21.736	13.492	6.970	2.220	-0.594	-1.308	-0.088
2851	28.50	2.277	4.328	4.272	0.579	-7.416	-19.188	-33.163	-47.260	-59.604	-69.085
2861	28.60	-75.523	-79.405	-81.375	-81.765	-80.417	-76.887	-70.895	-62.771	-53.633	-45.186
2871	28.70	-39.197	-36.902	-38.584	-43.499	-50.156	-56.795	-61.862	-64.312	-63.694	-60.074
2881	28.80	-53.903	-45.907	-37.008	-28.227	-20.518	-14.537	-10.429	-7.762	-5.680	-3.256
2891	28.90	0.085	4.274	8.582	11.927	13.363	12.538	9.902	6.563	3.862	2.862
2901	29.00	3.990	6.978	11.096	15.551	19.833	23.856	27.851	32.112	36.741	41.527
2911	29.10	46.012	49.677	52.122	53.161	52.776	51.009	47.872	43.351	37.522	30.685
2921	29.20	23.432	16.583	10.976	7.212	5.465	5.447	6.543	8.051	9.415	10.348
2931	29.30	10.826	10.986	10.893	10.655	10.231	9.596	8.787	7.909	7.068	6.252
2941	29.40	5.267	3.725	1.161	-2.779	-8.152	-14.625	-21.512	-27.950	-33.165	-36.719
2951	29.50	-38.666	-39.530	-40.117	-41.198	-43.189	-45.926	-48.665	-50.316	-49.856	-46.780
2961	29.60	-41.394	-34.822	-28.866	-24.442	-22.994	-24.134	-26.685	-28.930	-29.302	-27.032
2971	29.70	-22.473	-16.955	-12.234	-9.770	-10.146	-12.882	-16.696	-20.092	-21.985	-22.089
2981	29.80	-20.923	-19.465	-18.642	-18.906	-20.070	-21.447	-22.170	-21.530	-19.174	-15.125
2991	29.90	-9.663	-3.189	3.835	10.881	17.325	22.489	25.792	26.970	26.249	24.343

Table 7-53-7

TABLE OF CORRECTED ACCELERATION RECORD

NO. 7

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	22.248	20.875	20.693	21.560	22.836	23.735	23.772	23.057	22.314	22.572
3011	30.10	24.685	28.890	34.617	40.639	45.498	48.013	47.659	44.681	39.910	34.415
3021	30.20	29.141	24.690	21.290	18.899	17.356	16.463	15.991	15.627	14.957	13.544
3031	30.30	11.095	7.653	3.706	0.123	-2.081	-2.102	0.335	4.817	10.323	15.532
3041	30.40	19.234	20.707	19.900	17.381	14.067	10.862	8.331	6.554	5.177	3.641
3051	30.50	1.467	-1.526	-5.150	-8.952	-12.429	-15.242	-17.341	-18.929	-20.302	-21.644
3061	30.60	-22.886	-23.707	-23.679	-22.503	-20.194	-17.150	-14.044	-11.589	-10.286	-10.265
3071	30.70	-11.297	-12.940	-14.758	-16.491	-18.088	-19.623	-21.144	-22.563	-23.670	-24.245
3081	30.80	-24.225	-23.783	-23.282	-23.075	-23.273	-23.605	-23.475	-22.227	-19.499	-15.494
3091	30.90	-11.005	-7.143	-4.864	-4.497	-5.499	-6.598	-6.273	-3.405	2.176	9.500
3101	31.00	16.709	21.688	22.817	19.575	12.756	4.232	-3.643	-8.764	-9.883	-6.907
3111	31.10	-0.810	6.766	14.073	19.768	23.239	24.648	24.722	24.389	24.391	25.026
3121	31.20	26.087	27.024	27.236	26.378	24.540	22.218	20.080	18.632	17.937	17.525
3131	31.30	16.570	14.266	10.250	4.887	-0.738	-5.145	-6.976	-5.520	-1.007	5.428
3141	31.40	12.118	17.424	20.257	20.384	18.406	15.456	12.750	11.154	10.934	11.731
3151	31.50	12.744	13.034	11.842	8.817	4.132	-1.566	-7.315	-12.094	-15.102	-15.988
3161	31.60	-14.961	-12.727	-10.266	-8.494	-7.949	-8.608	-9.929	-11.112	-11.481	-10.825
3171	31.70	-9.541	-8.510	-8.722	-10.828	-14.787	-19.779	-24.441	-27.331	-27.443	-24.575
3181	31.80	-19.385	-13.148	-7.291	-2.913	-0.470	0.271	0.020	-0.392	-0.360	0.309
3191	31.90	1.418	2.572	3.423	3.856	4.023	4.224	4.719	5.550	6.500	7.173
3201	32.00	7.185	6.345	4.753	2.748	0.749	-0.935	-2.218	-3.217	-4.108	-4.942
3211	32.10	-5.539	-5.538	-4.597	-2.667	-0.173	2.013	2.844	1.528	-2.066	-7.229
3221	32.20	-12.566	-16.465	-17.699	-15.908	-11.750	-6.655	-2.259	0.221	0.421	-1.103
3231	32.30	-3.191	-4.607	-4.557	-2.957	-0.375	2.287	4.190	4.869	4.194	2.421
3241	32.40	-0.237	-3.672	-7.891	-12.848	-18.244	-23.427	-27.507	-29.652	-29.448	-27.144
3251	32.50	-23.629	-20.139	-17.778	-17.070	-17.734	-18.777	-18.881	-16.927	-12.630	-5.726
3261	32.60	2.168	9.943	16.475	21.202	24.253	26.309	28.255	30.783	34.094	37.817
3271	32.70	41.152	43.187	43.241	41.114	37.142	32.044	26.634	21.512	16.867	12.475
3281	32.80	7.891	2.742	-2.994	-8.873	-14.085	-17.736	-19.203	-18.407	-15.881	-12.603
3291	32.90	-9.660	-7.883	-7.609	-8.642	-10.427	-12.329	-13.889	-14.956	-15.649	-16.215
3301	33.00	-16.867	-17.689	-18.645	-19.658	-20.683	-21.707	-22.680	-23.403	-23.476	-22.367
3311	33.10	-19.600	-14.998	-8.862	-1.975	4.596	9.842	13.167	14.597	14.767	14.663
3321	33.20	15.255	17.144	20.382	24.513	26.790	32.471	35.049	36.353	36.482	35.658
3331	33.30	34.078	31.855	29.056	25.810	22.404	19.295	17.003	15.923	16.120	17.223
3341	33.40	18.465	18.896	17.696	14.494	9.549	3.734	-1.707	-5.550	-6.999	-5.952
3351	33.50	-3.044	0.581	3.664	5.262	5.023	3.231	0.597	-2.101	-4.356	-6.103
3361	33.60	-7.652	-9.431	-11.672	-14.213	-16.521	-17.938	-18.029	-16.869	-15.098	-13.713
3371	33.70	-13.663	-15.442	-18.846	-23.021	-26.783	-29.063	-29.291	-27.557	-24.502	-21.007
3381	33.80	-17.844	-15.433	-13.807	-12.746	-12.000	-11.446	-11.131	-11.176	-11.633	-12.391
3391	33.90	-13.191	-13.746	-13.884	-13.629	-13.148	-12.590	-11.905	-10.751	-8.576	-4.861
3401	34.00	0.572	7.341	14.490	20.733	24.875	26.250	24.998	22.046	18.803	16.671
3411	34.10	16.564	18.623	22.224	26.269	29.615	31.482	31.659	30.466	28.495	26.285
3421	34.20	24.061	21.671	18.725	14.860	10.003	4.499	-0.964	-5.588	-8.774	-10.341
3431	34.30	-10.581	-10.107	-9.577	-9.406	-9.601	-9.774	-9.339	-7.780	-4.885	-0.844
3441	34.40	3.815	8.407	12.304	15.078	16.537	16.666	15.526	13.188	9.735	5.326
3451	34.50	0.258	-5.023	-10.004	-14.249	-17.553	-20.025	-22.042	-24.097	-26.596	-29.684
3461	34.60	-33.181	-36.666	-39.530	-41.343	-41.775	-40.713	-38.196	-34.345	-29.326	-23.375
3471	34.70	-16.856	-10.307	-4.405	0.154	2.852	3.522	2.433	0.234	-2.240	-4.213
3481	34.80	-5.184	-5.022	-3.921	-2.252	-0.382	1.440	3.116	4.637	6.001	7.158
3491	34.90	8.033	8.603	8.974	9.404	10.228	11.722	13.954	16.704	19.503	21.790

Table 7-53-8

TABLE OF CORRECTED ACCELERATION RECORD

NO. 8

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	23.099	23.222	22.245	20.469	18.261	15.910	13.577	11.350	9.361	7.875
3511	35.10	7.283	7.945	9.974	13.051	16.397	18.959	19.771	18.346	14.934	10.511
3521	35.20	6.472	4.144	4.286	6.801	10.763	14.749	17.358	17.686	15.604	11.733
3531	35.30	7.161	3.042	0.225	-0.936	-0.577	0.852	2.806	4.824	6.615	8.031
3541	35.40	9.008	9.495	9.436	8.773	7.474	5.541	2.998	-0.120	-3.768	-7.851
3551	35.50	-12.180	-16.423	-20.120	-22.758	-23.895	-23.292	-20.996	-17.340	-12.871	-8.225
3561	35.60	-4.015	-0.757	1.162	1.492	0.141	-2.778	-6.886	-11.522	-15.810	-18.847
3571	35.70	-19.948	-18.899	-16.074	-12.364	-8.916	-6.746	-6.389	-7.710	-9.970	-12.135
3581	35.80	-13.284	-12.982	-11.440	-9.402	-7.815	-7.405	-8.357	-10.217	-12.080	-12.957
3591	35.90	-12.202	-9.791	-6.352	-2.935	-0.615	-0.079	-1.375	-3.908	-6.672	-8.632
3601	36.00	-9.092	-7.917	-5.545	-2.779	-0.477	0.750	0.722	-0.301	-1.775	-3.107
3611	36.10	-3.885	-4.010	-3.695	-3.341	-3.342	-3.908	-4.956	-6.123	-6.900	-6.818
3621	36.20	-5.638	-3.463	-0.719	1.989	4.100	5.313	5.707	5.716	5.947	6.922
3631	36.30	8.846	11.496	14.306	16.595	17.862	18.011	17.402	16.689	16.533	17.295
3641	36.40	18.866	20.717	22.139	22.581	21.919	20.539	19.178	18.612	19.309	21.211
3651	36.50	23.743	26.037	27.265	26.956	25.153	22.385	19.448	17.151	16.057	16.350
3661	36.60	17.817	19.919	21.922	23.039	22.598	20.196	15.846	10.054	3.772	-1.803
3671	36.70	-5.563	-6.864	-5.802	-3.268	-0.716	0.298	-1.360	-5.995	-12.961	-20.884
3681	36.80	-28.127	-33.334	-35.842	-35.821	-34.114	-31.868	-30.124	-29.509	-30.127	-31.449
3691	36.90	-33.524	-35.201	-36.299	-36.671	-36.388	-35.678	-34.850	-34.223	-34.051	-34.447
3701	37.00	-35.328	-36.384	-37.132	-37.035	-35.671	-32.896	-28.916	-24.244	-19.534	-15.351
3711	37.10	-11.961	-9.240	-6.726	-3.814	-0.022	4.781	10.255	15.655	20.044	22.603
3721	37.20	22.931	21.218	18.246	15.185	13.249	13.327	15.707	19.998	25.281	30.443
3731	37.30	34.568	37.235	38.614	39.323	40.098	41.441	43.374	45.426	46.845	46.942
3741	37.40	45.410	42.485	38.866	35.454	33.018	31.944	32.159	33.240	34.633	35.860
3751	37.50	36.616	36.737	36.083	34.438	31.506	27.026	20.953	13.600	5.658	-1.956
3761	37.60	-8.363	-13.008	-15.840	-17.310	-18.208	-19.385	-21.481	-24.761	-29.082	-33.997
3771	37.70	-38.923	-43.299	-46.705	-48.903	-49.833	-49.575	-48.321	-46.339	-43.955	-41.527
3781	37.80	-39.409	-37.916	-37.274	-37.572	-38.716	-40.410	-42.166	-43.378	-43.457	-42.001
3791	37.90	-38.945	-34.637	-29.776	-25.223	-21.719	-19.635	-18.839	-18.749	-18.569	-17.604
3801	38.00	-15.535	-12.524	-9.123	-6.009	-3.684	-2.257	-1.405	-0.525	1.010	3.594
3811	38.10	7.258	11.679	16.336	20.705	24.626	27.372	29.636	31.442	33.052	34.699
3821	38.20	36.530	38.583	40.765	42.837	44.454	45.241	44.923	43.460	41.115	38.424
3831	38.30	36.039	34.508	34.070	34.559	35.474	36.174	36.130	35.114	33.256	30.943
3841	38.40	28.630	26.641	25.068	23.786	22.567	21.216	19.659	17.938	16.139	14.302
3851	38.50	12.381	10.262	7.850	5.142	2.253	-0.636	-3.378	-5.949	-8.477	-11.173
3861	38.60	-14.207	-17.573	-21.044	-24.216	-26.660	-28.096	-28.524	-28.236	-27.722	-27.484
3871	38.70	-27.860	-28.900	-30.358	-31.773	-32.628	-32.493	-31.142	-28.592	-25.075	-20.962
3881	38.80	-16.657	-12.513	-8.766	-5.528	-2.820	-0.647	0.936	1.792	1.739	0.654
3891	38.90	-1.390	-4.022	-6.574	-8.213	-8.193	-6.139	-2.245	2.707	7.539	11.049
3901	39.00	12.406	11.448	8.737	5.366	2.569	1.302	1.933	4.170	7.219	10.110
3911	39.10	12.043	12.622	11.911	10.319	8.383	6.567	5.142	4.187	3.667	3.532
3921	39.20	3.764	4.359	5.251	6.252	7.047	7.267	6.635	5.097	2.883	0.652
3931	39.30	-1.686	-3.176	-3.994	-4.478	-5.200	-6.722	-9.324	-12.832	-16.631	-19.870
3941	39.40	-21.791	-22.036	-20.817	-18.841	-17.045	-16.219	-16.696	-18.224	-20.092	-21.435
3951	39.50	-21.601	-20.410	-18.205	-15.676	-13.553	-12.302	-11.959	-12.159	-12.332	-11.968
3961	39.60	-10.813	-8.952	-6.737	-4.636	-3.078	-2.362	-2.632	-3.901	-6.065	-8.889
3971	39.70	-11.984	-14.813	-16.778	-17.389	-16.450	-14.184	-11.199	-8.298	-6.167	-5.099
3981	39.80	-4.874	-4.854	-4.291	-2.682	-0.023	3.162	6.054	7.913	8.420	7.836
3991	39.90	6.875	6.381	6.923	8.541	10.717	12.623	13.497	12.991	11.329	9.220

Table 7-53-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	7.569	7.123	8.205	10.632	13.823	17.027	19.577	21.058	21.370	20.686
4011	40.10	19.361	17.815	16.439	15.517	15.159	15.273	15.588	15.742	15.426	14.535
4021	40.20	13.251	12.008	11.325	11.576	12.796	14.617	16.397	17.480	17.676	16.425
4031	40.30	14.756	13.051	11.760	10.881	10.132	8.962	6.971	4.174	1.074	-1.516
4041	40.40	-2.823	-2.504	-0.820	1.436	3.256	3.828	2.830	0.493	-2.583	-5.759
4051	40.50	-8.629	-11.124	-13.403	-15.614	-17.695	-19.338	-20.140	-19.865	-18.652	-17.041
4061	40.60	-15.765	-15.417	-16.142	-17.535	-18.789	-19.060	-17.839	-15.195	-11.739	-8.375
4071	40.70	-5.933	-4.880	-5.213	-6.558	-8.371	-10.142	-11.480	-12.098	-11.759	-10.259
4081	40.80	-7.522	-3.726	0.598	4.640	7.547	8.766	8.320	6.861	5.437	5.046
4091	40.90	6.189	8.620	11.444	13.527	14.029	12.805	10.484	8.173	6.943	7.333
4101	41.00	9.121	11.464	13.326	13.991	13.400	12.166	11.271	11.604	13.562	16.889
4111	41.10	20.812	24.371	26.784	27.676	27.113	25.456	23.162	20.636	18.194	16.097
4121	41.20	14.603	13.955	14.287	15.501	17.207	18.778	19.539	19.014	17.121	14.225
4131	41.30	11.009	8.227	6.432	5.800	6.115	6.910	7.675	8.056	7.950	7.482
4141	41.40	6.886	6.370	6.010	5.723	5.305	6.517	3.180	1.237	-1.224	-3.981
4151	41.50	-6.737	-9.198	-11.151	-12.529	-13.433	-14.100	-14.810	-15.775	-17.042	-18.457
4161	41.60	-19.712	-20.472	-20.520	-19.875	-18.816	-17.806	-17.334	-17.737	-19.076	-21.109
4171	41.70	-23.370	-25.335	-26.595	-26.991	-26.652	-25.943	-25.330	-25.212	-25.783	-26.956
4181	41.80	-28.377	-29.527	-29.881	-29.069	-27.002	-23.897	-20.217	-16.526	-13.315	-10.864
4191	41.90	-9.183	-8.046	-7.106	-6.022	-4.566	-2.664	-0.370	2.191	4.876	7.539
4201	42.00	10.018	12.119	13.621	14.336	14.204	13.369	12.200	11.221	10.953	11.728
4211	42.10	13.554	16.084	18.718	20.789	21.783	21.482	20.002	17.713	15.085	12.528
4221	42.20	10.294	8.447	6.910	5.530	4.141	2.596	0.767	-1.448	-4.105	-7.176
4231	42.30	-10.519	-13.869	-16.895	-19.292	-20.894	-21.743	-22.085	-22.286	-22.681	-23.434
4241	42.40	-24.463	-25.465	-26.044	-25.888	-24.922	-23.364	-21.669	-20.360	-19.826	-20.161
4251	42.50	-21.117	-22.186	-22.787	-22.484	-21.145	-18.989	-16.493	-14.215	-12.592	-11.804
4261	42.60	-11.739	-12.073	-12.414	-12.441	-11.982	-11.008	-9.564	-7.685	-5.360	-2.559
4271	42.70	0.689	4.209	7.658	10.593	12.618	13.557	13.564	13.110	12.840	13.336
4281	42.80	14.887	17.366	20.265	22.890	24.631	25.197	24.719	23.679	22.699	22.292
4291	42.90	22.668	23.696	25.007	26.197	27.011	27.429	27.614	27.748	27.854	27.708
4301	43.00	26.882	24.939	21.674	17.296	12.457	8.090	5.107	4.078	5.009	7.327
4311	43.10	10.069	12.212	13.011	12.226	10.165	7.530	5.150	3.701	3.515	4.521
4321	43.20	6.325	8.367	10.099	11.110	11.191	10.334	8.688	6.500	4.064	1.678
4331	43.30	-0.400	-1.971	-2.917	-3.211	-2.907	-2.125	-1.031	0.185	1.327	2.215
4341	43.40	2.714	2.763	2.391	1.706	0.852	-0.057	-0.993	-2.037	-3.329	-4.977
4351	43.50	-6.950	-9.017	-10.794	-11.876	-12.019	-11.292	-10.092	-9.010	-8.581	-9.016
4361	43.60	-10.061	-11.043	-11.136	-9.706	-6.622	-2.359	2.157	5.901	8.158	8.802
4371	43.70	8.328	7.618	7.545	8.601	10.699	13.232	15.349	16.310	15.764	13.838
4381	43.80	11.023	7.930	5.050	2.624	0.654	-0.971	-2.335	-3.424	-4.150	-4.456
4391	43.90	-4.416	-4.260	-4.303	-4.798	-5.798	-7.102	-8.324	-9.057	-9.058	-8.371
4401	44.00	-7.314	-6.341	-5.861	-5.962	-6.537	-7.150	-7.312	-6.662	-5.111	-2.872
4411	44.10	-0.367	1.939	3.715	4.858	5.491	5.864	6.204	6.593	6.922	6.939
4421	44.20	6.371	5.067	3.104	0.799	-1.373	-2.930	-3.543	-3.150	-1.967	-0.405
4431	44.30	1.080	2.146	2.675	2.779	2.730	2.820	3.232	3.959	4.812	5.499
4441	44.40	5.752	5.431	4.585	3.430	2.277	1.428	1.086	1.309	2.007	2.991
4451	44.50	4.034	4.926	5.519	5.737	5.583	5.124	4.476	3.783	3.186	2.779
4461	44.60	2.575	2.471	2.248	1.611	0.269	-1.960	-5.056	-8.752	-12.577	-15.972
4471	44.70	-18.466	-19.847	-20.259	-20.169	-20.209	-20.925	-22.536	-24.805	-27.080	-28.526
4481	44.80	-28.457	-26.646	-23.476	-19.851	-16.892	-15.517	-16.080	-18.214	-20.963	-23.145
4491	44.90	-23.809	-22.599	-19.870	-16.524	-13.627	-11.987	-11.849	-12.854	-14.228	-15.135

Table 7-53-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-15.001	-13.693	-11.491	-8.887	-6.344	-4.119	-2.245	-0.632	0.775	1.899
4511	45.10	2.557	2.599	2.071	1.302	0.834	1.222	2.761	5.311	8.286	10.859
4521	45.20	12.289	12.240	10.927	9.044	7.475	6.943	7.725	9.581	11.896	13.969
4531	45.30	15.303	15.765	15.562	15.054	14.536	14.080	13.535	12.659	11.300	9.522
4541	45.40	7.601	5.895	4.658	3.897	3.367	2.697	1.592	0.001	-1.826	-3.447
4551	45.50	-4.427	-4.545	-3.906	-2.890	-1.987	-1.573	-1.756	-2.363	-2.944	-3.157
4561	45.60	-2.743	-1.713	-0.299	1.160	2.364	3.152	3.532	3.634	3.631	3.667
4571	45.70	3.824	4.130	4.589	5.201	5.984	6.856	7.820	8.752	9.519	9.995
4581	45.80	10.084	9.756	9.036	8.008	6.795	5.553	4.457	3.683	3.380	3.637
4591	45.90	4.449	5.715	7.256	8.868	10.366	11.629	12.607	13.295	13.703	13.831
4601	46.00	13.662	13.192	12.451	11.526	10.543	9.632	8.879	8.291	7.796	7.267
4611	46.10	6.569	5.604	4.331	2.767	0.982	-0.926	-2.827	-4.574	-6.012	-7.006
4621	46.20	-7.480	-7.444	-6.994	-6.275	-5.410	-4.437	-3.281	-1.791	0.164	2.583
4631	46.30	5.262	7.804	9.723	10.625	10.366	9.146	7.469	5.985	5.264	5.599
4641	46.40	6.890	8.685	10.329	11.190	10.858	9.259	6.660	3.552	0.490	-2.072
4651	46.50	-3.884	-4.927	-5.356	-5.409	-5.312	-5.217	-5.188	-5.244	-5.408	-5.754
4661	46.60	-6.411	-7.516	-9.138	-11.195	-13.421	-15.393	-16.635	-16.772	-15.667	-13.505
4671	46.70	-10.772	-8.125	-6.200	-5.408	-5.805	-7.064	-8.575	-9.640	-9.694	-8.487
4681	46.80	-6.169	-3.250	-0.452	1.503	2.109	1.229	-0.863	-3.560	-6.099	-7.786
4691	46.90	-8.202	-7.325	-5.521	-3.417	-1.691	-0.845	-1.041	-2.065	-3.414	-4.485
4701	47.00	-4.805	-4.198	-2.855	-1.268	-0.055	0.258	-0.571	-2.406	-4.763	-6.968
4711	47.10	-8.365	-8.537	-7.638	-5.408	-3.055	-1.053	0.091	0.196	-0.543	-1.646
4721	47.20	-2.547	-2.815	-2.327	-1.311	-0.257	0.282	-0.087	-1.434	-3.464	-5.616
4731	47.30	-7.254	-7.882	-7.311	-5.710	-3.538	-1.389	0.201	0.922	0.781	0.088
4741	47.40	-0.635	-0.834	-0.110	1.627	4.077	6.611	8.437	8.856	7.527	4.631
4751	47.50	0.875	-2.694	-5.015	-5.366	-3.627	-0.324	3.547	6.874	8.819	9.108
4761	47.60	8.103	6.644	5.716	6.086	8.033	11.258	15.010	18.338	20.396	20.683
4771	47.70	19.147	16.155	12.360	8.404	4.939	2.302	0.584	-0.341	-0.724	-0.822
4781	47.80	-0.824	-0.819	-0.829	-0.870	-1.007	-1.371	-2.106	-3.278	-4.786	-6.336
4791	47.90	-7.513	-7.932	-7.415	-6.108	-4.464	-3.085	-2.480	-2.839	-3.935	-5.211
4801	48.00	-6.021	-5.913	-4.844	-3.200	-1.627	-0.742	-0.863	-1.882	-3.328	-4.602
4811	48.10	-5.248	-5.136	-4.486	-3.716	-3.218	-3.166	-3.456	-3.800	-3.907	-3.663
4821	48.20	-3.207	-2.871	-3.023	-3.890	-5.449	-7.430	-9.432	-11.068	-12.093	-12.455
4831	48.30	-12.267	-11.722	-11.013	-10.284	-9.613	-9.019	-8.475	-7.905	-7.189	-6.180
4841	48.40	-4.747	-2.843	-0.562	1.854	4.053	5.681	6.494	6.446	5.715	4.651
4851	48.50	3.677	3.168	3.359	4.290	5.811	7.617	9.318	10.534	10.992	10.620
4861	48.60	9.598	8.334	7.353	7.121	7.843	9.349	11.099	12.359	12.480	11.179
4871	48.70	8.695	5.743	3.269	2.090	2.580	4.529	7.243	9.832	11.569	12.158
4881	48.80	11.803	11.055	10.528	10.613	11.325	12.333	13.141	13.332	12.734	11.468
4891	48.90	9.845	8.210	6.788	5.628	4.639	3.683	2.668	1.586	0.493	-0.550
4901	49.00	-1.516	-2.407	-3.215	-3.871	-4.248	-4.206	-3.692	-2.823	-1.895	-1.307
4911	49.10	-1.404	-2.313	-3.858	-5.589	-6.950	-7.488	-7.068	-5.840	-4.361	-3.206
4921	49.20	-2.836	-3.405	-4.717	-6.309	-7.630	-8.228	-7.890	-6.682	-4.893	-2.931
4931	49.30	-1.203	-0.024	0.433	0.146	-0.770	-2.093	-3.545	-4.844	-5.776	-6.244
4941	49.40	-6.295	-6.091	-5.834	-5.676	-5.633	-5.573	-5.262	-4.479	-3.128	-1.313
4951	49.50	0.674	2.454	3.707	4.297	4.321	4.061	3.850	3.923	4.314	4.855
4961	49.60	5.264	5.292	4.844	4.027	3.097	2.343	1.961	1.984	2.300	2.734
4971	49.70	3.159	3.555	3.996	4.564	5.251	5.903	6.253	6.031	5.108	3.584
4981	49.80	1.782	0.124	-1.045	-1.612	-1.754	-1.855	-2.328	-3.423	-5.106	-7.069
4991	49.90	-8.859	-10.076	-10.524	-10.270	-9.582	-8.776	-8.085	-7.570	-7.157	-6.726

Table 7-53-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-6.228	-5.739	-5.436	-5.500	-6.004	-6.864	-7.763	-8.441	-8.627	-8.244
5011	50.10	-7.418	-6.435	-5.642	-5.328	-5.644	-6.557	-7.862	-9.223	-10.242	-10.543
5021	50.20	-9.872	-8.188	-5.726	-2.985	-0.620	0.740	0.714	-0.666	-2.923	-5.266
5031	50.30	-6.855	-7.099	-5.877	-3.577	-0.940	1.232	2.378	2.363	1.491	0.327
5041	50.40	-0.555	-0.792	-0.334	0.613	1.736	2.788	3.679	4.457	5.218	5.995
5051	50.50	6.706	7.189	7.310	7.057	6.589	6.176	6.086	6.452	7.212	8.142
5061	50.60	8.965	9.484	9.657	9.587	9.413	9.193	8.826	8.071	6.680	4.555
5071	50.70	1.870	-0.916	-3.185	-4.391	-4.259	-2.928	-0.921	1.020	2.191	2.156
5081	50.80	0.891	-1.238	-3.616	-5.609	-6.767	-6.956	-6.365	-5.398	-4.513	-4.049
5091	50.90	-4.124	-4.602	-5.171	-5.452	-5.143	-4.105	-2.405	-0.270	1.992	4.094
5101	51.00	5.848	7.190	8.162	8.854	9.354	9.710	9.941	10.065	10.139	10.265
5111	51.10	10.566	11.126	11.933	12.848	13.636	14.039	13.885	13.164	12.058	10.885
5121	51.20	9.993	9.628	9.846	10.484	11.227	11.719	11.694	11.061	9.926	8.533
5131	51.30	7.168	6.049	5.256	4.715	4.248	3.655	2.793	1.638	0.287	-1.087
5141	51.40	-2.310	-3.284	-4.039	-4.730	-5.590	-6.832	-8.561	-10.709	-13.033	-15.183
5151	51.50	-16.813	-17.706	-17.858	-17.486	-16.966	-16.700	-16.977	-17.877	-19.243	-20.748
5161	51.60	-22.003	-22.693	-22.670	-21.985	-20.847	-19.544	-18.343	-17.417	-16.805	-16.416
5171	51.70	-16.061	-15.510	-14.554	-13.051	-10.979	-8.449	-5.691	-3.013	-0.711	1.007
5181	51.80	2.095	2.680	3.020	3.410	4.074	5.083	6.338	7.623	8.701	9.420
5191	51.90	9.782	9.938	10.127	10.571	11.383	12.513	13.762	14.845	15.481	15.488
5201	52.00	14.836	13.668	12.263	10.970	10.117	9.904	10.335	11.188	12.053	12.452
5211	52.10	11.994	10.535	8.270	5.697	3.479	2.201	2.149	3.178	4.743	6.100
5221	52.20	6.586	5.888	4.175	2.030	0.221	-0.617	-0.237	1.116	2.803	4.048
5231	52.30	4.236	3.142	0.996	-1.615	-3.979	-5.498	-5.865	-5.114	-3.550	-1.600
5241	52.40	0.337	1.992	3.269	4.207	4.929	5.566	6.205	6.866	7.495	7.979
5251	52.50	8.195	8.045	7.512	6.676	5.703	4.790	4.091	3.653	3.390	3.127
5261	52.60	2.685	1.979	1.077	0.193	-0.401	-0.497	-0.051	0.780	1.685	2.320
5271	52.70	2.433	1.943	0.950	-0.332	-1.665	-2.866	-3.837	-4.541	-4.969	-5.120
5281	52.80	-5.019	-4.753	-4.503	-4.520	-5.044	-6.193	-7.876	-9.793	-11.524	-12.696
5291	52.90	-13.138	-12.960	-12.497	-12.152	-12.197	-12.643	-13.234	-13.579	-13.356	-12.485
5301	53.00	-11.185	-9.881	-9.000	-8.774	-9.129	-9.722	-10.116	-9.982	-9.259	-8.165
5311	53.10	-7.085	-6.376	-6.195	-6.437	-6.794	-6.906	-6.519	-5.582	-4.238	-2.736
5321	53.20	-1.311	-0.100	0.871	1.643	2.271	2.780	3.172	3.469	3.734	4.062
5331	53.30	4.528	5.124	5.718	6.095	6.045	5.487	4.535	3.481	2.678	2.375
5341	53.40	2.587	3.067	3.413	3.259	2.475	1.264	0.113	-0.402	0.131	1.753
5351	53.50	4.076	6.399	7.956	8.198	6.993	4.670	1.890	-0.592	-2.189	-2.659
5361	53.60	-2.154	-1.122	-0.124	0.365	0.102	-0.874	-2.288	-3.752	-4.897	-5.486
5371	53.70	-5.462	-4.938	-4.124	-3.243	-2.455	-1.809	-1.257	-0.688	0.009	0.892
5381	53.80	1.939	3.060	4.128	5.028	5.700	6.151	6.456	6.732	7.106	7.677
5391	53.90	8.488	9.509	10.633	11.692	12.496	12.891	12.816	12.344	11.682	11.114
5401	54.00	10.906	11.199	11.936	12.857	13.579	13.735	13.109	11.730	9.864	7.911
5411	54.10	6.253	5.100	4.414	3.929	3.269	2.101	0.269	-2.146	-4.863	-7.503
5421	54.20	-9.719	-11.300	-12.210	-12.571	-12.591	-12.488	-12.429	-12.498	-12.709	-13.026
5431	54.30	-13.398	-13.785	-14.161	-14.517	-14.842	-15.105	-15.253	-15.216	-14.933	-14.392
5441	54.40	-13.661	-12.896	-12.303	-12.071	-12.277	-12.823	-13.435	-13.739	-13.397	-12.254
5451	54.50	-10.421	-8.259	-6.240	-4.750	-3.906	-3.489	-3.018	-1.956	0.035	2.913
5461	54.60	6.220	9.235	11.243	11.822	11.015	9.323	7.506	6.297	6.127	6.984
5471	54.70	8.451	9.899	10.744	10.658	9.665	8.080	6.360	4.912	3.965	3.537
5481	54.80	3.488	3.638	3.866	4.171	4.648	5.428	6.583	8.069	9.711	11.242
5491	54.90	12.386	12.939	12.841	12.191	11.216	10.206	9.423	9.025	9.030	9.319

Table 7-53-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	9.687	9.916	9.838	9.380	8.563	7.475	6.233	4.948	3.707	2.579
5511	55.10	1.616	0.850	0.276	-0.171	-0.622	-1.252	-2.218	-3.584	-5.264	-7.014
5521	55.20	-8.480	-9.314	-9.289	-8.391	-6.834	-4.997	-3.304	-2.103	-1.570	-1.690
5531	55.30	-2.294	-3.141	-4.000	-4.703	-5.171	-5.410	-5.491	-5.535	-5.689	-6.095
5541	55.40	-6.844	-7.925	-9.193	-10.381	-11.163	-11.262	-10.568	-9.199	-7.490	-5.890
5551	55.50	-4.803	-4.448	-4.779	-5.517	-6.274	-6.711	-6.670	-6.211	-5.563	-4.991
5561	55.60	-4.667	-4.592	-4.597	-4.431	-3.872	-2.830	-1.375	0.291	1.916	3.284
5571	55.70	4.268	4.852	5.103	5.139	5.097	5.117	5.321	5.806	6.612	7.700
5581	55.80	8.952	10.193	11.248	12.011	12.488	12.792	13.085	13.484	13.983	14.426
5591	55.90	14.559	14.133	13.031	11.336	9.329	7.390	5.853	4.885	4.431	4.261
5601	56.00	4.088	3.703	3.070	2.327	1.703	1.398	1.477	1.834	2.239	2.447
5611	56.10	2.305	1.825	1.165	0.557	0.209	0.216	0.536	1.024	1.494	1.788
5621	56.20	1.818	1.563	1.052	0.331	-0.544	-1.506	-2.462	-3.297	-3.898	-4.187
5631	56.30	-4.161	-3.905	-3.564	-3.296	-3.220	-3.374	-3.730	-4.222	-4.792	-5.422
5641	56.40	-6.119	-6.884	-7.664	-8.338	-8.739	-8.725	-8.250	-7.413	-6.447	-5.653
5651	56.50	-5.293	-5.502	-6.242	-7.323	-8.485	-9.482	-10.159	-10.472	-10.464	-10.221
5661	56.60	-9.830	-9.361	-8.872	-8.425	-8.083	-7.888	-7.832	-7.835	-7.761	-7.471
5671	56.70	-6.890	-6.053	-5.108	-4.244	-3.598	-3.167	-2.784	-2.188	-1.146	0.407
5681	56.80	2.291	4.117	5.417	5.835	5.281	3.983	2.405	1.070	0.356	0.359
5691	56.90	0.886	1.569	2.044	2.117	1.839	1.451	1.257	1.464	2.083	2.928
5701	57.00	3.705	4.142	4.101	3.620	2.867	2.059	1.376	0.914	0.700	0.726
5711	57.10	0.996	1.521	2.290	3.224	4.152	4.839	5.065	4.713	3.834	2.645
5721	57.20	1.450	0.532	0.050	-0.006	0.218	0.527	0.771	0.897	0.946	0.989
5731	57.30	1.060	1.124	1.089	0.877	0.485	0.017	-0.352	-0.458	-0.233	0.249
5741	57.40	0.799	1.197	1.292	1.066	0.616	0.083	-0.452	-1.024	-1.771	-2.842
5751	57.50	-4.281	-5.955	-7.568	-8.769	-9.310	-9.160	-8.530	-7.781	-7.246	-7.080
5761	57.60	-7.183	-7.261	-6.983	-6.160	-4.846	-3.316	-1.923	-0.913	-0.300	0.144
5771	57.70	0.755	1.788	3.255	4.895	6.266	7.059	7.094	6.607	6.070	5.994
5781	57.80	6.677	8.052	9.689	10.982	11.412	10.784	9.312	7.527	6.043	5.302
5791	57.90	5.408	6.120	6.995	7.617	7.777	7.544	7.199	7.065	7.335	7.980
5801	58.00	8.770	9.393	9.613	9.376	8.822	8.210	7.783	7.651	7.746	7.859
5811	58.10	7.744	7.237	6.327	5.160	3.974	2.993	2.335	1.961	1.697	1.312
5821	58.20	0.612	-0.465	-1.814	-3.192	-4.299	-4.897	-4.909	-4.470	-3.892	-3.570
5831	58.30	-3.830	-4.815	-6.414	-8.310	-10.100	-11.459	-12.273	-12.677	-12.983	-13.525
5841	58.40	-14.489	-15.808	-17.177	-18.181	-18.484	-17.979	-16.846	-15.462	-14.228	-13.380
5851	58.50	-12.887	-12.478	-11.797	-10.600	-8.906	-7.013	-5.386	-4.450	-4.391	-5.075
5861	58.60	-6.094	-6.944	-7.229	-6.808	-5.809	-4.531	-3.273	-2.189	-1.239	-0.250
5871	58.70	0.958	2.443	4.095	5.688	6.998	7.930	8.578	9.174	9.973	11.097
5881	58.80	12.459	13.775	14.687	14.923	14.438	13.448	12.360	11.612	11.506	12.096
5891	58.90	13.183	14.400	15.361	15.789	15.590	14.842	13.721	12.412	11.040	9.652
5901	59.00	8.253	6.856	5.523	4.372	3.541	3.130	3.149	3.504	4.020	4.509
5911	59.10	4.831	4.950	4.926	4.880	4.916	5.062	5.231	5.249	4.919	4.108
5921	59.20	2.813	1.178	-0.544	-2.077	-3.214	-3.883	-4.150	-4.175	-4.125	-4.103
5931	59.30	-4.112	-4.075	-3.896	-3.522	-2.981	-2.379	-1.848	-1.486	-1.317	-1.299
5941	59.40	-1.368	-1.489	-1.699	-2.090	-2.753	-3.708	-4.854	-5.981	-6.838	-7.243
5951	59.50	-7.171	-6.779	-6.355	-6.196	-6.481	-7.187	-8.090	-8.863	-9.213	-9.009
5961	59.60	-8.331	-7.431	-6.612	-6.077	-5.842	-5.716	-5.400	-4.624	-3.294	-1.558
5971	59.70	0.224	1.609	2.242	1.997	1.040	-0.225	-1.296	-1.751	-1.397	-0.325
5981	59.80	1.138	2.567	3.598	4.061	4.023	3.733	3.492	3.518	3.845	4.313
5991	59.90	4.646	4.586	4.013	3.018	1.874	0.930	0.466	0.570	1.087	1.675

Table 7-53-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	1.926	1.525	0.371	-1.379	-3.361	-5.137	-6.338	-6.789	-6.550	-5.871
6011	60.10	-5.089	-4.493	-4.228	-4.258	-4.399	-4.417	-4.127	-3.478	-2.575	-1.636
6021	60.20	-0.916	-0.609	-0.793	-1.411	-2.311	-3.309	-4.256	-5.064	-5.709	-6.188
6031	60.30	-6.495	-6.598	-6.460	-6.076	-5.504	-4.864	-4.296	-3.891	-3.633	-3.383
6041	60.40	-2.931	-2.105	-0.876	0.578	1.900	2.676	2.599	1.610	-0.045	-1.889
6051	60.50	-3.380	-4.111	-3.952	-3.085	-1.910	-0.871	-0.285	-0.239	-0.597	-1.098
6061	60.60	-1.489	-1.628	-1.512	-1.222	-0.843	-0.388	0.210	1.054	2.196	3.572
6071	60.70	4.991	6.195	6.950	7.143	6.824	6.178	5.451	4.858	4.517	4.434
6081	60.80	4.532	4.709	4.882	5.005	5.064	5.054	4.963	4.783	4.524	4.235
6091	60.90	3.999	3.907	4.020	4.328	4.742	5.120	5.315	5.229	4.850	4.252
6101	61.00	3.566	2.933	2.459	2.191	2.109	2.136	2.162	2.057	1.700	1.010
6111	61.10	-0.021	-1.296	-2.601	-3.641	-4.106	-3.773	-2.599	-0.770	1.333	3.231
6121	61.20	4.502	4.915	4.506	3.555	2.665	1.600	1.138	1.009	0.941	0.590
6131	61.30	-0.284	-1.695	-3.400	-4.986	-6.035	-6.304	-5.827	-4.912	-4.015	-3.551
6141	61.40	-3.727	-4.458	-5.412	-6.160	-6.358	-5.887	-4.892	-3.700	-2.669	-2.034
6151	61.50	-1.825	-1.891	-2.001	-1.980	-1.799	-1.570	-1.468	-1.607	-1.960	-2.346
6161	61.60	-2.520	-2.300	-1.676	-0.833	-0.079	0.304	0.199	-0.276	-0.814	-1.049
6171	61.70	-0.729	0.180	1.470	2.793	3.807	4.310	4.307	3.965	3.518	3.155
6181	61.80	2.954	2.893	2.911	2.975	3.105	3.346	3.695	4.042	4.166	3.804
6191	61.90	2.768	1.057	-1.106	-3.319	-5.136	-6.223	-6.464	-5.992	-5.108	-4.162
6201	62.00	-3.427	-3.036	-2.980	-3.179	-3.533	-3.968	-4.425	-4.837	-5.102	-5.108
6211	62.10	-4.780	-4.150	-3.379	-2.726	-2.445	-2.661	-3.284	-4.006	-4.402	-4.095
6221	62.20	-2.918	-0.998	1.280	3.414	4.979	5.785	5.941	5.788	5.749	6.149
6231	62.30	7.098	8.463	9.953	11.251	12.145	12.594	12.714	12.689	12.671	12.708
6241	62.40	12.729	12.603	12.209	11.514	10.588	9.581	8.653	7.901	7.325	6.831
6251	62.50	6.289	5.598	4.738	3.777	2.847	2.072	1.517	1.153	0.874	0.541
6261	62.60	0.051	-0.617	-1.393	-2.149	-2.756	-3.148	-3.352	-3.485	-3.702	-4.134
6271	62.70	-4.830	-5.732	-6.700	-7.556	-8.152	-8.418	-8.379	-8.134	-7.816	-7.541
6281	62.80	-7.373	-7.316	-7.320	-7.309	-7.207	-6.956	-6.526	-5.915	-5.140	-4.236
6291	62.90	-3.248	-2.226	-1.214	-0.246	0.663	1.512	2.308	3.054	3.745	4.368
6301	63.00	4.911	5.378	5.796	6.210	6.661	7.159	7.665	8.086	8.304	8.219
6311	63.10	7.795	7.086	6.236	5.437	4.872	4.657	4.810	5.269	5.823	6.356
6321	63.20	6.691	6.718	6.380	5.677	4.656	3.413	2.090	0.856	-0.118	-0.708
6331	63.30	-0.881	-0.714	-0.390	-0.138	-0.165	-0.582	-1.372	-2.407	-3.506	-4.515
6341	63.40	-5.362	-6.076	-6.751	-7.486	-8.325	-9.234	-10.122	-10.885	-11.463	-11.862
6351	63.50	-12.140	-12.364	-12.567	-12.725	-12.780	-12.686	-12.460	-12.196	-12.034	-12.089
6361	63.60	-12.382	-12.804	-13.144	-13.172	-12.741	-11.858	-10.698	-9.531	-8.612	-8.077
6371	63.70	-7.882	-7.836	-7.679	-7.201	-6.319	-5.103	-3.733	-2.419	-1.318	-0.498
6381	63.80	0.063	0.441	0.715	0.946	1.169	1.405	1.672	1.980	2.311	2.612
6391	63.90	2.801	2.808	2.626	2.349	2.172	2.328	3.000	4.226	5.858	7.598
6401	64.00	9.102	10.104	10.519	10.466	10.201	9.994	10.002	10.198	10.393	10.327
6411	64.10	9.804	8.790	7.450	6.088	5.037	4.532	4.627	5.183	5.927	6.549
6421	64.20	6.800	6.564	5.875	4.883	3.801	2.834	2.126	1.722	1.569	1.528
6431	64.30	1.427	1.108	0.487	-0.418	-1.485	-2.530	-3.368	-3.885	-4.081	-4.073
6441	64.40	-4.048	-4.193	-4.622	-5.335	-6.218	-7.087	-7.755	-8.092	-8.062	-7.723
6451	64.50	-7.201	-6.647	-6.202	-5.960	-5.957	-6.160	-6.476	-6.766	-6.877	-6.681
6461	64.60	-6.111	-5.190	-4.024	-2.757	-1.564	-0.505	0.402	1.210	1.991	2.772
6471	64.70	3.509	4.101	4.447	4.518	4.409	4.321	4.497	5.102	6.133	7.383
6481	64.80	8.498	9.106	8.970	8.095	6.735	5.307	4.221	3.720	3.786	4.154
6491	64.90	4.431	4.265	3.487	2.181	0.636	-0.778	-1.755	-2.166	-2.086	-1.734

Table 7-53-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-1.365	-1.166	-1.191	-1.385	-1.635	-1.847	-2.001	-2.143	-2.350	-2.666
6511	65.10	-3.066	-3.466	-3.763	-3.900	-3.906	-3.892	-3.998	-4.322	-4.859	-5.489
6521	65.20	-6.029	-6.315	-6.282	-6.008	-5.677	-5.497	-5.591	-5.927	-6.315	-6.477
6531	65.30	-6.172	-5.301	-3.962	-2.414	-0.974	0.118	0.791	1.172	1.515	2.087
6541	65.40	3.047	4.382	5.917	7.397	8.593	9.394	9.825	10.015	10.118	10.235
6551	65.50	10.385	10.517	10.570	10.527	10.441	10.415	10.546	10.868	11.319	11.761
6561	65.60	12.039	12.057	11.824	11.453	11.115	10.958	11.046	11.326	11.662	11.889
6571	65.70	11.884	11.611	11.116	10.493	9.831	9.177	8.527	7.853	7.136	6.399
6581	65.80	5.703	5.117	4.680	4.364	4.075	3.682	3.079	2.235	1.221	0.197
6591	65.90	-0.643	-1.145	-1.258	-1.064	-0.762	-0.608	-0.831	-1.560	-2.772	-4.297
6601	66.00	-5.661	-7.166	-7.982	-8.214	-7.933	-7.348	-6.742	-6.379	-6.425	-6.905
6611	66.10	-7.706	-8.629	-9.466	-10.067	-10.379	-10.435	-10.315	-10.095	-9.815	-9.472
6621	66.20	-9.050	-8.556	-8.043	-7.606	-7.342	-7.301	-7.444	-7.648	-7.742	-7.570
6631	66.30	-7.062	-6.257	-5.294	-4.356	-3.603	-3.118	-2.892	-2.849	-2.884	-2.919
6641	66.40	-2.917	-2.883	-2.841	-2.804	-2.768	-2.716	-2.637	-2.544	-2.471	-2.454
6651	66.50	-2.513	-2.633	-2.767	-2.866	-2.900	-2.886	-2.873	-2.922	-3.068	-3.292
6661	66.60	-3.525	-3.681	-3.695	-3.557	-3.316	-3.057	-2.847	-2.713	-2.624	-2.524
6671	66.70	-2.378	-2.207	-2.098	-2.157	-2.457	-2.971	-3.564	-4.032	-4.184	-3.934
6681	66.80	-3.353	-2.653	-2.100	-1.904	-2.120	-2.619	-3.144	-3.420	-3.277	-2.730
6691	66.90	-1.972	-1.288	-0.936	-1.038	-1.539	-2.249	-2.931	-3.409	-3.624	-3.630
6701	67.00	-3.526	-3.377	-3.156	-2.756	-2.051	-0.982	0.381	1.838	3.135	4.064
6711	67.10	4.560	4.728	4.796	5.007	5.499	6.244	7.055	7.680	7.921	7.733
6721	67.20	7.242	6.683	6.286	6.161	6.242	6.322	6.152	5.575	4.612	3.466
6731	67.30	2.451	1.856	1.626	2.304	3.056	3.781	4.233	4.321	4.132	3.872
6741	67.40	3.764	3.941	4.388	4.953	5.420	5.602	5.425	4.947	4.330	3.764
6751	67.50	3.392	3.257	3.297	3.382	3.369	3.152	2.690	1.996	1.123	0.129
6761	67.60	-0.930	-2.004	-3.037	-3.965	-4.721	-5.261	-5.588	-5.767	-5.908	-6.130
6771	67.70	-6.504	-7.018	-7.562	-7.963	-8.050	-7.723	-7.001	-6.025	-5.009	-4.161
6781	67.80	-3.605	-3.338	-3.239	-3.123	-2.815	-2.220	-1.350	-0.305	0.771	1.749
6791	67.90	2.553	3.165	3.611	3.930	4.152	4.299	4.398	4.488	4.624	4.859
6801	68.00	5.206	5.628	6.028	6.287	6.313	6.089	5.690	5.268	4.994	4.999
6811	68.10	5.319	5.889	6.568	7.191	7.628	7.809	7.732	7.436	6.973	6.394
6821	68.20	5.746	5.083	4.477	4.010	3.746	3.698	3.803	3.927	3.901	3.580
6831	68.30	2.901	1.918	0.789	-0.274	-1.080	-1.525	-1.633	-1.549	-1.492	-1.677
6841	68.40	-2.249	-3.230	-4.513	-5.894	-7.100	-8.018	-8.445	-8.419	-8.054	-7.527
6851	68.50	-7.010	-6.622	-6.393	-6.282	-6.205	-6.092	-5.916	-5.702	-5.491	-5.308
6861	68.60	-5.118	-4.833	-4.344	-3.575	-2.541	-1.355	-0.205	0.723	1.318	1.585
6871	68.70	1.646	1.676	1.826	2.158	2.626	3.105	3.465	3.627	3.593	3.433
6881	68.80	3.231	3.035	2.842	2.616	2.337	2.045	1.846	1.867	2.191	2.787
6891	68.90	3.495	4.076	4.300	4.049	3.369	2.449	1.536	0.829	0.396	0.160
6901	69.00	-0.038	-0.340	-0.785	-1.286	-1.674	-1.798	-1.616	-1.233	-0.864	-0.735
6911	69.10	-0.971	-1.536	-2.244	-2.841	-3.121	-3.019	-2.630	-2.162	-1.833	-1.780
6921	69.20	-2.008	-2.606	-2.813	-3.094	-3.187	-3.108	-2.912	-2.649	-2.336	-1.962
6931	69.30	-1.524	-1.053	-0.619	-0.304	-0.150	-0.120	-0.099	0.058	0.446	1.049
6941	69.40	1.714	2.209	2.314	1.929	1.131	0.162	-0.670	-1.112	-1.072	-0.651
6951	69.50	-0.090	0.339	0.452	0.222	-0.229	-0.706	-1.041	-1.170	-1.147	-1.083
6961	69.60	-1.092	-1.169	-1.232	-1.143	-0.804	-0.226	0.446	0.989	1.194	0.975
6971	69.70	0.413	-0.270	-0.809	-1.015	-0.863	-0.508	-0.210	-0.222	-0.670	-1.501
6981	69.80	-2.501	-3.393	-3.943	-4.051	-3.774	-3.277	-2.751	-2.336	-2.061	-1.880
6991	69.90	-1.699	-1.450	-1.127	-0.786	-0.516	-0.390	-0.429	-0.595	-0.808	-0.977

Table 7-53-15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1245 1322-GR-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 285.072 (GAL) T= 18.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-1.038	-0.963	-0.768	-0.498	-0.209	0.039	0.197	0.228	0.122	-0.105
7011	70.10	-0.403	-0.699	-0.920	-1.009	-0.947	-0.752	-0.466	-0.133	0.222	0.593
7021	70.20	0.984	1.391	1.789	2.137	2.400	2.576	2.707	2.866	3.123	3.502
7031	70.30	3.955	4.379	4.659	4.733	4.631	4.475	4.423	4.586	4.958	5.397
7041	70.40	5.674	5.568	4.980	3.984	2.813	1.761	1.062	0.783	0.795	0.838
7051	70.50	0.633	0.015	-0.998	-2.216	-3.360	-4.186	-4.581	-4.595	-4.402	-4.212
7061	70.60	-4.179	-4.350	-4.664	-5.007	-5.265	-5.370	-5.309	-5.095	-4.742	-4.249
7071	70.70	-3.613	-2.858	-2.061	-1.349	-0.861	-0.691	-0.838	-1.186	-1.541	-1.694
7081	70.80	-1.510	-0.977	-0.213	0.586	1.221	1.573	1.637	1.517	1.366	1.321
7091	70.90	1.434	1.663	1.891	1.986	1.865	1.531	1.084	0.683	0.486	0.589
7101	71.00	0.990	1.583	2.192	2.654	2.835	2.727	2.431	2.129	2.022	2.251
7111	71.10	2.840	3.681	4.563	5.244	5.547	5.423	4.980	4.442	4.064	4.030
7121	71.20	4.369	4.939	5.474	5.688	5.390	4.565	3.389	2.157	1.172	0.626
7131	71.30	0.531	0.728	0.970	1.043	0.860	0.504	0.172	0.077	0.325	0.850
7141	71.40	1.425	1.759	1.630	0.988	-0.006	-1.039	-1.778	-2.009	-1.724	-1.124
7151	71.50	-0.524	-0.215	-0.345	-0.868	-1.575	-2.204	-2.557	-2.577	-2.354	-2.060
7161	71.60	-1.850	-1.785	-1.805	-1.771	-1.546	-1.069	-0.397	0.321	0.907	1.231
7171	71.70	1.260	1.061	0.759	0.473	0.261	0.098	-0.105	-0.463	-1.065	-1.944
7181	71.80	-3.065	-4.337	-5.636	-6.828	-7.800	-8.475	-8.836	-8.929	-8.859	-8.754
7191	71.90	-8.727	-8.816	-8.954	-8.981	-8.688	-7.901	-6.563	-4.775	-2.787	-0.921

Table 7-54-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1246 1322-GR-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -72.934 (GAL) T= 15.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	11.199	14.452	15.166	13.411	10.048	6.334	3.411	1.915	1.880	2.908
11	0.10	4.497	6.285	8.112	9.871	11.300	11.900	11.075	8.465	4.285	-0.551
21	0.20	-4.657	-6.703	-6.006	-2.895	1.369	5.118	7.010	6.620	4.569	2.237
31	0.30	0.847	0.968	2.122	3.078	2.556	0.012	-3.936	-7.682	-9.373	-7.842
41	0.40	-3.278	2.743	7.910	10.229	8.956	4.950	0.254	-2.910	-3.241	-1.000
51	0.50	2.127	3.915	2.788	-1.269	-6.557	-10.374	-10.296	-5.408	3.097	12.279
61	0.60	18.633	19.589	14.666	5.633	-4.036	-10.764	-12.236	-8.294	-0.377	6.902
71	0.70	12.106	13.130	10.201	5.044	-0.037	-3.219	-3.844	-2.493	-0.471	0.966
81	0.80	1.240	0.639	0.016	0.213	1.532	3.569	5.334	5.961	5.017	2.828
91	0.90	0.298	-1.554	-2.122	-1.521	-0.520	-0.142	-1.117	-3.484	-6.511	-8.991
101	1.00	-9.768	-8.252	-4.690	-0.094	4.143	6.763	7.074	5.148	1.726	-2.100
111	1.10	-5.288	-7.170	-7.606	-6.931	-5.737	-4.596	-3.817	-3.351	-2.849	-1.884
121	1.20	-0.228	1.935	3.968	4.975	4.179	1.333	-3.014	-7.566	-10.676	-10.960
131	1.30	-7.906	-2.174	4.545	10.116	12.756	11.709	7.517	1.754	-3.629	-7.079
141	1.40	-7.973	-6.701	-4.313	-1.930	-0.242	0.677	1.187	1.683	2.236	2.519
151	1.50	2.039	0.547	-1.638	-3.629	-4.347	-3.101	-0.070	3.595	6.186	6.198
161	1.60	3.097	-2.288	-7.977	-11.622	-11.518	-7.396	-0.636	6.247	10.609	10.777
171	1.70	6.740	0.154	-6.355	-10.265	-10.171	-6.292	-0.297	5.461	8.941	9.204
181	1.80	6.686	2.856	-0.530	-2.230	-1.996	-0.543	0.951	1.529	0.985	-0.046
191	1.90	-0.463	0.641	3.398	6.955	9.785	10.374	7.960	2.936	-3.273	-8.834
201	2.00	-12.307	-13.239	-12.192	-10.374	-8.820	-7.844	-6.917	-5.105	-1.812	2.619
211	2.10	6.830	9.006	7.834	3.333	-2.927	-8.418	-10.827	-9.237	-4.677	0.294
221	2.20	2.833	1.283	-3.891	-10.205	-14.321	-13.702	-7.939	0.954	9.447	14.169
231	2.30	13.513	8.358	1.537	-3.642	-5.067	-2.790	1.179	4.122	4.198	1.480
241	2.40	-2.124	-4.025	-2.539	1.997	7.246	10.066	8.270	2.009	-6.033	-11.803
251	2.50	-11.876	-5.276	5.830	16.982	23.453	22.481	14.605	3.447	-5.973	-9.586
261	2.60	-6.153	2.210	11.085	15.855	13.848	5.525	-5.798	-15.496	-19.698	-16.904
271	2.70	-8.482	2.098	10.848	14.917	13.590	8.302	1.770	-3.278	-5.197	-3.904
281	2.80	-0.665	2.631	4.323	3.594	0.657	-3.491	-7.546	-10.395	-11.440	-10.671
291	2.90	-8.540	-5.725	-2.931	-0.754	0.357	0.121	-1.528	-4.351	-7.711	-10.575
301	3.00	-11.710	-10.074	-5.313	1.852	9.583	15.353	16.797	12.685	3.627	-7.886
311	3.10	-18.202	-23.811	-22.706	-15.227	-3.979	7.188	14.713	16.722	13.647	7.808
321	3.20	2.180	-1.066	-1.511	-0.502	-0.235	-2.400	-7.097	-12.586	-16.016	-14.791
331	3.30	-7.891	3.481	16.240	26.593	31.476	29.644	21.975	10.953	-0.343	-9.242
341	3.40	-14.124	-14.540	-10.981	-4.553	3.255	10.687	15.863	17.114	13.514	5.432
351	3.50	-5.222	-15.332	-21.498	-21.290	-14.303	-2.525	10.204	19.525	22.161	17.050
361	3.60	5.905	-7.608	-19.132	-25.174	-24.260	-17.287	-7.039	2.908	9.456	10.987
371	3.70	7.808	1.918	-3.764	-6.640	-4.545	1.820	10.653	18.768	22.873	20.813
381	3.80	12.501	0.155	-12.316	-20.627	-21.675	-14.762	-1.967	12.492	23.727	27.919
391	3.90	23.682	12.539	-1.662	-14.149	-20.902	-20.007	-12.211	-0.537	10.854	18.124
401	4.00	19.027	13.573	3.901	-6.567	-14.365	-17.189	-14.655	-8.329	-1.050	4.214
411	4.10	5.521	2.669	-2.811	-8.382	-11.616	-11.204	-7.433	-1.922	3.201	6.273
421	4.20	6.743	5.197	2.816	0.620	-1.067	-2.620	-4.620	-7.199	-9.657	-10.651
431	4.30	-8.898	-4.012	3.040	10.175	15.089	16.361	14.158	10.136	6.536	4.952
441	4.40	5.446	6.526	6.049	2.557	-3.685	-10.597	-15.244	-15.394	-10.818	-3.597
451	4.50	2.818	5.357	2.981	-2.674	-8.072	-9.613	-5.618	2.611	11.259	15.828
461	4.60	13.434	4.385	-7.778	-17.861	-21.461	-17.057	-6.717	4.933	12.962	14.489
471	4.70	9.980	2.876	-2.222	-1.888	4.427	14.142	22.815	26.264	22.503	12.589
481	4.80	0.042	-10.786	-16.585	-16.309	-11.286	-4.278	1.920	5.635	6.715	6.109
491	4.90	4.989	3.950	2.736	0.587	-3.046	-7.883	-12.669	-15.631	-15.315	-11.369

Table 7-54-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1246 1322-GR-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -72.934 (GAL) T= 15.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-4.858	2.083	7.124	8.719	6.750	2.502	-1.989	-4.926	-5.582	-4.586
511	5.10	-3.528	-4.065	-6.991	-11.700	-16.347	-18.627	-16.829	-10.667	-1.497	8.193
521	5.20	15.775	19.513	19.158	15.867	11.502	7.705	5.179	3.535	1.732	-1.149
531	5.30	-5.215	-9.533	-12.487	-12.555	-9.105	-2.827	4.433	10.353	13.033	11.693
541	5.40	6.900	0.251	-6.286	-11.074	-13.249	-12.780	-10.223	-6.351	-1.883	2.599
551	5.50	6.564	9.430	10.568	9.489	6.130	1.087	-4.365	-8.550	-9.923	-7.658
561	5.60	-2.066	5.349	12.278	16.339	15.900	10.707	2.045	-7.653	-15.644	-19.852
571	5.70	-19.602	-15.796	-10.451	-5.773	-3.178	-2.719	-3.188	-2.882	-0.648	3.327
581	5.80	7.425	9.327	7.254	1.102	-7.154	-14.095	-16.318	-12.072	-2.251	9.796
591	5.90	19.639	23.714	20.924	13.095	4.036	-2.347	-3.960	-1.482	2.119	3.277
601	6.00	-0.146	-7.554	-15.760	-20.528	-18.783	-10.328	1.818	12.713	17.812	15.170
611	6.10	6.441	-3.869	-10.543	-10.158	-2.732	8.289	17.688	20.974	16.485	6.106
621	6.20	-5.721	-14.183	-16.380	-12.605	-6.017	-0.919	-0.523	-5.304	-12.761	-18.678
631	6.30	-19.262	-13.085	-1.899	10.095	18.177	19.309	13.576	4.163	-4.119	-7.067
641	6.40	-3.052	6.213	16.461	22.828	22.096	14.164	2.081	-9.353	-15.752	-15.066
651	6.50	-8.362	0.851	8.399	11.433	9.662	5.264	1.556	1.139	4.478	9.649
661	6.60	13.381	12.845	7.257	-1.563	-9.997	-14.404	-12.971	-6.671	1.199	6.699
671	6.70	7.292	3.210	-2.602	-5.986	-3.799	4.255	15.142	23.670	24.832	16.213
681	6.80	-0.663	-20.726	-37.318	-44.869	-41.108	-27.864	-10.179	5.800	15.205	16.109
691	6.90	9.887	0.275	-8.314	-12.478	-10.873	-4.366	4.590	12.969	18.163	18.674
701	7.00	14.403	6.571	-2.630	-10.602	-15.011	-14.453	-8.935	0.034	9.843	17.594
711	7.10	21.074	19.506	13.761	5.940	-1.492	-6.638	-8.747	-8.231	-6.184	-3.717
721	7.20	-1.477	0.400	1.966	3.029	2.977	1.031	-3.158	-8.921	-14.425	-17.191
731	7.30	-15.161	-7.847	3.039	13.895	20.486	19.688	10.954	-3.191	-17.913	-27.864
741	7.40	-29.255	-21.363	-6.818	9.428	22.004	27.092	23.689	13.692	0.917	-10.468
751	7.50	-17.385	-18.647	-14.908	-8.003	-0.067	7.125	12.419	15.204	15.238	12.598
761	7.60	7.812	2.033	-3.002	-5.379	-3.744	1.947	10.047	17.534	21.021	18.131
771	7.70	8.642	-5.125	-18.951	-28.209	-29.620	-22.569	-9.400	5.431	17.010	21.755
781	7.80	18.622	9.294	-2.654	-13.197	-19.286	-19.712	-15.162	-7.593	0.709	7.927
791	7.90	13.086	15.964	16.734	15.599	12.651	7.976	1.905	-4.795	-10.943	-15.212
801	8.00	-16.544	-14.536	-9.641	-3.097	3.385	8.081	9.724	7.865	3.041	-3.312
811	8.10	-9.190	-12.560	-11.984	-7.141	0.932	10.035	17.418	20.656	18.477	11.232
821	8.20	0.795	-10.062	-18.605	-22.982	-22.680	-18.443	-11.769	-4.270	2.803	8.690
831	8.30	12.968	15.305	15.378	13.036	8.611	3.134	-1.803	-4.581	-4.292	-1.301
841	8.40	2.737	5.529	5.231	1.468	-4.259	-9.089	-10.074	-5.676	3.251	13.538
851	8.50	20.890	21.721	14.821	2.075	-12.143	-22.656	-25.547	-19.700	-7.179	7.663
861	8.60	19.907	25.859	24.183	16.025	4.230	-7.860	-17.483	-23.032	-24.086	-21.111
871	8.70	-15.128	-7.517	0.070	5.864	8.334	6.723	1.512	-5.477	-11.560	-14.144
881	8.80	-11.806	-4.969	4.162	12.465	17.176	17.020	12.644	6.181	0.174	-3.582
891	8.90	-4.714	-4.154	-3.353	-3.314	-3.989	-4.382	-3.282	-0.195	4.103	7.739
901	9.00	8.628	5.605	-0.779	-8.286	-13.884	-15.104	-11.212	-3.606	4.772	10.751
911	9.10	12.341	9.584	4.445	-0.174	-1.813	0.420	5.495	10.999	14.270	13.588
921	9.20	8.875	1.646	-5.727	-11.038	-13.084	-11.983	-8.895	-5.339	-2.486	-0.728
931	9.30	0.276	1.194	2.455	3.868	4.605	3.597	0.159	-5.443	-11.787	-16.602
941	9.40	-17.560	-13.243	-3.921	8.239	19.706	26.734	26.727	19.298	6.551	-7.568
951	9.50	-18.660	-23.459	-21.003	-12.891	-2.555	6.161	10.488	9.683	5.083	-0.688
961	9.60	-4.949	-6.052	-3.882	0.360	4.893	8.174	9.418	8.632	6.288	2.906
971	9.70	-1.157	-5.608	-9.942	-13.252	-14.357	-12.262	-6.764	1.166	9.488	15.744
981	9.80	17.995	15.642	9.705	2.421	-3.674	-6.778	-6.487	-3.822	-0.651	1.204
991	9.90	0.736	-1.911	-5.630	-8.902	-10.408	-9.445	-6.047	-0.853	5.105	10.595

Table 7-54-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1246 1322-GR-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -72.934 (GAL) T= 15.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	14.344	15.229	12.572	6.490	-1.850	-10.311	-16.304	-17.675	-13.619	-5.209
1011	10.10	4.797	12.900	16.226	13.731	6.705	-1.710	-7.811	-8.894	-4.386	3.932
1021	10.20	12.716	18.471	18.968	14.045	5.498	-3.801	-11.115	-14.815	-14.761	-12.025
1031	10.30	-8.224	-4.827	-2.747	-2.283	-3.288	-5.369	-7.964	-10.330	-11.582	-10.916
1041	10.40	-7.999	-3.334	1.661	5.067	5.288	1.943	-3.655	-8.796	-10.443	-6.683
1051	10.50	2.145	13.245	22.325	25.381	20.530	9.022	-5.114	-16.693	-21.560	-18.332
1061	10.60	-8.892	2.601	11.683	15.576	14.244	10.039	6.185	4.944	6.434	8.730
1071	10.70	9.152	6.005	-0.193	-6.754	-10.143	-7.938	-0.362	9.476	16.848	17.634
1081	10.80	10.395	-2.753	-16.946	-26.713	-28.400	-21.731	-9.739	2.812	11.705	15.050
1091	10.90	13.734	10.376	7.475	5.829	4.135	0.018	-8.097	-19.360	-30.152	-35.377
1101	11.00	-30.894	-15.897	6.031	27.867	41.832	42.675	30.033	8.757	-13.003	-27.146
1111	11.10	-28.899	-18.607	-1.304	15.664	25.797	25.979	17.324	4.141	-8.316	-16.177
1121	11.20	-18.276	-16.006	-12.016	-8.549	-6.352	-4.646	-2.042	2.245	7.618	12.260
1131	11.30	14.119	12.164	7.168	1.520	-1.897	-1.204	3.388	9.520	13.743	13.211
1141	11.40	7.176	-2.485	-12.006	-17.397	-16.273	-8.937	1.776	11.817	17.754	18.234
1151	11.50	14.394	9.066	5.236	4.532	6.492	8.922	9.127	5.332	-2.401	-12.182
1161	11.60	-21.171	-26.796	-27.718	-24.091	-17.114	-8.239	1.445	11.316	20.812	28.880
1171	11.70	33.760	33.398	26.383	12.971	-4.419	-21.619	-33.995	-38.118	-33.073	-20.830
1181	11.80	-5.500	8.216	16.678	18.412	14.268	6.720	-1.267	-7.255	-9.865	-8.803
1191	11.90	-4.568	1.822	8.960	15.075	18.191	16.584	9.495	-2.192	-15.748	-27.153
1201	12.00	-32.362	-28.853	-16.791	0.746	18.667	31.587	35.686	29.962	16.412	-0.850
1211	12.10	-17.103	-28.523	-33.113	-30.872	-23.316	-12.722	-1.443	8.518	15.684	19.189
1221	12.20	18.851	15.242	9.640	3.748	-0.805	-3.018	-2.881	-1.339	0.152	0.296
1231	12.30	-1.468	-4.740	-8.383	-11.041	-11.693	-9.989	-6.258	-1.279	4.000	8.655
1241	12.40	11.835	12.800	11.040	6.529	-0.028	-7.150	-12.914	-15.624	-14.546	-10.333
1251	12.50	-4.844	-0.369	1.420	0.258	-2.606	-5.081	-5.355	-2.880	1.335	5.290
1261	12.60	7.125	6.188	3.419	0.803	0.176	2.055	5.201	7.235	6.017	1.064
1271	12.70	-5.853	-11.340	-12.052	-6.557	3.574	14.124	19.978	17.484	6.299	-10.183
1281	12.80	-26.085	-35.423	-34.536	-23.496	-5.929	12.566	26.621	32.931	31.023	22.831
1291	12.90	11.484	0.003	-9.543	-16.206	-19.829	-20.600	-18.810	-14.873	-9.503	-3.768
1301	13.00	1.078	3.955	4.306	2.244	-1.547	-6.074	-10.269	-12.979	-13.155	-9.763
1311	13.10	-2.240	8.961	21.887	33.110	38.553	35.001	21.751	1.589	-19.591	-34.628
1321	13.20	-37.837	-27.493	-6.911	16.546	34.245	39.751	31.468	13.266	-7.211	-21.830
1331	13.30	-25.370	-17.526	-2.679	12.374	21.603	22.335	16.093	7.415	1.331	0.810
1341	13.40	5.386	11.572	14.766	11.642	1.856	-11.719	-24.262	-31.128	-29.786	-20.750
1351	13.50	-7.151	6.694	17.014	21.825	21.265	17.029	11.352	6.038	1.954	-0.955
1361	13.60	-3.290	-5.744	-8.780	-12.481	-16.512	-20.099	-22.058	-20.957	-15.538	-5.338
1371	13.70	8.690	23.942	36.583	42.680	39.685	27.671	9.685	-9.078	-23.084	-28.531
1381	13.80	-24.805	-14.634	-2.838	5.799	8.564	5.828	0.585	-3.227	-2.802	2.106
1391	13.90	9.065	14.221	14.271	8.174	-2.247	-13.089	-20.142	-20.782	-15.087	-5.694
1401	14.00	3.458	8.856	8.784	3.767	-3.977	-11.690	-17.202	-19.537	-18.859	-15.953
1411	14.10	-11.671	-6.626	-1.239	4.052	8.686	12.112	14.098	14.959	15.468	16.391
1421	14.20	17.877	19.065	18.241	13.573	4.158	-9.169	-23.691	-35.521	-40.925	-37.694
1431	14.30	-26.016	-8.467	10.805	27.347	37.597	39.642	33.408	20.404	3.263	-14.764
1441	14.40	-30.312	-40.457	-43.318	-38.591	-27.769	-13.835	-0.403	9.422	14.021	13.622
1451	14.50	9.893	4.965	0.416	-3.254	-6.381	-9.328	-11.630	-11.699	-7.383	2.805
1461	14.60	18.431	36.582	52.421	60.761	57.990	43.499	19.993	-7.417	-32.887	-51.521
1471	14.70	-60.412	-58.817	-47.685	-29.035	-5.568	19.406	41.994	58.073	64.132	58.405
1481	14.80	41.752	17.758	-8.169	-30.420	-44.830	-49.647	-45.452	-34.257	-18.393	0.110
1491	14.90	19.373	37.024	49.769	53.812	46.290	27.119	0.221	-26.862	-45.215	-47.972

Table 7-54-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1246 1322-GR-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -72.934 (GAL) T= 15.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-33.436	-6.370	23.362	44.417	48.393	33.143	3.515	-30.723	-58.803	-72.934
1511	15.10	-70.650	-54.732	-31.114	-6.025	16.149	33.462	45.551	52.238	52.677	45.669
1521	15.20	30.927	10.406	-11.322	-28.196	-34.937	-29.428	-13.957	5.428	21.272	27.772
1531	15.30	23.120	10.086	-5.419	-17.063	-20.832	-16.549	-7.580	1.021	4.956	2.591
1541	15.40	-4.486	-12.395	-16.849	-15.098	-7.117	4.390	15.091	20.708	18.629	8.878
1551	15.50	-5.835	-20.950	-31.482	-33.581	-25.756	-9.398	11.591	31.948	46.645	52.397
1561	15.60	48.568	37.146	21.828	6.591	-5.659	-13.810	-18.404	-20.789	-22.074	-22.440
1571	15.70	-21.177	-17.404	-11.035	-3.600	2.914	5.028	1.144	-8.362	-20.722	-31.636
1581	15.80	-36.921	-34.225	-24.064	-9.680	4.235	13.393	15.539	11.187	3.169	-4.703
1591	15.90	-9.247	-9.050	-4.701	1.878	8.583	14.134	18.452	22.266	26.242	30.149
1601	16.00	32.598	31.527	25.275	13.688	-1.297	-15.994	-26.162	-28.608	-22.511	-9.893
1611	16.10	5.000	17.179	22.658	19.788	9.662	-4.473	-18.509	-28.894	-33.633	-32.573
1621	16.20	-26.994	-18.845	-9.994	-1.812	4.857	9.497	11.711	11.218	8.049	2.832
1631	16.30	-3.077	-7.750	-9.173	-5.887	2.429	14.674	28.451	40.582	47.865	47.867
1641	16.40	39.560	23.645	2.502	-20.248	-40.486	-54.497	-59.825	-55.858	-43.961	-27.117
1651	16.50	-9.161	6.169	16.071	19.210	15.825	7.479	-3.408	-14.090	-22.003	-25.226
1661	16.60	-22.875	-15.399	-4.628	6.549	14.941	18.089	15.260	7.930	-0.532	-6.025
1671	16.70	-5.325	2.497	15.493	29.435	39.406	41.750	35.523	22.808	7.750	-5.240
1681	16.80	-13.272	-15.944	-15.080	-13.441	-13.100	-14.328	-15.534	-14.262	-8.711	1.039
1691	16.90	12.725	22.702	27.450	25.067	16.049	3.021	-10.378	-20.903	-26.732	-27.726
1701	17.00	-24.929	-19.710	-13.041	-5.284	3.499	13.003	22.308	29.957	34.483	35.087
1711	17.10	32.077	26.804	21.078	16.366	13.178	10.949	8.473	4.656	-0.816	-7.238
1721	17.20	-13.205	-17.305	-18.842	-18.205	-16.704	-15.937	-17.020	-20.025	-23.902	-26.911
1731	17.30	-27.356	-24.297	-17.940	-9.554	-1.001	5.930	10.104	11.346	10.403	8.623
1741	17.40	7.485	8.120	10.958	15.554	20.653	24.487	25.283	21.881	14.290	3.958
1751	17.50	-6.408	-13.559	-14.771	-8.945	2.709	16.764	28.514	33.526	29.245	16.028
1761	17.60	-2.848	-22.266	-37.045	-43.723	-41.638	-32.894	-21.270	-10.596	-3.322	0.122
1771	17.70	0.961	0.991	1.385	2.016	1.637	-1.204	-7.037	-14.758	-21.757	-24.886
1781	17.80	-21.841	-12.287	1.792	16.743	28.540	34.230	32.880	25.692	15.352	4.963
1791	17.90	-2.931	-6.904	-6.693	-2.904	3.336	10.625	17.389	22.004	23.062	19.812
1801	18.00	12.587	2.971	-6.518	-13.195	-15.182	-12.135	-5.412	2.460	8.766	11.609
1811	18.10	10.492	6.260	0.508	-5.178	-9.761	-12.815	-14.219	-13.748	-10.937	-5.362
1821	18.20	2.793	12.252	20.641	25.133	23.555	15.462	2.636	-11.334	-22.293	-27.098
1831	18.30	-24.836	-17.132	-7.408	0.588	4.333	3.467	-0.245	-3.875	-4.752	-1.690
1841	18.40	4.480	11.244	15.424	14.392	7.017	-5.981	-22.307	-38.792	-52.236	-60.110
1851	18.50	-60.996	-54.739	-42.382	-25.937	-8.034	8.551	21.435	29.138	31.421	29.325
1861	18.60	24.845	20.328	17.773	18.280	21.812	27.338	33.245	37.857	39.840	38.410
1871	18.70	33.330	24.840	13.604	0.770	-11.948	-22.288	-27.740	-26.154	-16.563	0.102
1881	18.80	20.734	40.498	54.013	56.987	47.756	28.132	3.131	-20.454	-36.233	-40.398
1891	18.90	-33.086	-18.384	-2.894	6.651	5.843	-5.779	-24.560	-44.079	-57.474	-59.883
1901	19.00	-50.083	-30.769	-7.456	13.507	27.031	30.735	25.334	13.971	0.910	-9.871
1911	19.10	-15.702	-15.628	-16.270	-1.358	8.778	17.637	22.876	22.661	15.965	3.189
1921	19.20	-13.781	-31.592	-46.088	-53.410	-51.241	-39.772	-21.936	-2.733	12.244	18.603
1931	19.30	14.650	2.021	-14.825	-30.093	-38.613	-37.554	-27.274	-11.014	6.404	20.367
1941	19.40	28.033	29.106	25.581	20.649	17.260	16.967	19.493	23.130	25.720	25.731
1951	19.50	22.956	18.523	14.289	11.910	12.040	14.017	16.165	16.562	13.920	8.215
1961	19.60	0.779	-6.149	-10.251	-9.995	-5.232	2.706	11.405	18.134	20.689	18.052
1971	19.70	10.640	0.092	-11.317	-21.411	-28.732	-32.830	-34.133	-33.487	-31.601	-28.656
1981	19.80	-24.272	-17.867	-9.211	1.093	11.508	19.925	24.402	23.947	18.978	11.237
1991	19.90	3.145	-3.119	-6.404	-6.883	-5.753	-4.480	-4.005	-4.291	-4.431	-3.261

Table 7-54-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1246 1322-GR-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -72.934 (GAL) T= 15.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.136	4.527	9.245	12.012	11.154	6.094	-2.317	-12.040	-20.525	-25.518
2011	20.10	-25.674	-20.776	-11.582	0.534	13.919	26.850	37.596	44.481	46.070	41.511
2021	20.20	30.933	15.713	-1.589	-17.696	-29.391	-34.363	-31.851	-22.856	-9.866	3.825
2031	20.30	14.984	21.243	21.645	16.788	8.570	-0.389	-7.507	-10.963	-10.203	-6.055
2041	20.40	-0.414	4.421	6.546	5.120	0.641	-5.254	-10.395	-12.861	-11.624	-6.837
2051	20.50	0.329	8.175	15.068	19.893	22.208	22.123	20.009	16.243	11.108	4.878
2061	20.60	-1.988	-8.698	-14.133	-17.057	-16.491	-12.108	-4.520	4.689	13.218	18.580
2071	20.70	18.781	12.979	1.809	-12.158	-25.806	-35.473	-38.476	-33.930	-23.138	-9.270
2081	20.80	3.615	11.910	13.677	9.298	1.299	-6.593	-10.793	-9.117	-1.464	10.263
2091	20.90	22.933	33.295	38.991	39.121	34.237	25.869	15.863	5.805	-3.267	-10.845
2101	21.00	-16.738	-20.828	-22.930	-22.838	-20.486	-16.158	-10.607	-5.004	-0.704	1.127
2111	21.10	-0.082	-4.027	-9.492	-14.627	-17.506	-16.789	-12.268	-5.055	2.714	8.586
2121	21.20	10.690	8.466	2.943	-3.600	-8.446	-9.440	-5.767	1.778	11.135	19.746
2131	21.30	25.453	27.146	24.958	19.995	13.772	7.624	2.321	-1.989	-5.583	-8.825
2141	21.40	-11.885	-14.622	-16.663	-17.629	-17.391	-16.236	-14.859	-14.145	-14.801	-16.953
2151	21.50	-19.895	-22.132	-21.788	-17.313	-8.231	4.372	17.895	28.913	34.298	32.390
2161	21.60	23.727	10.975	-1.942	-11.212	-14.439	-11.345	-3.610	6.031	14.969	21.634
2171	21.70	25.734	27.806	28.414	27.499	24.279	17.784	7.712	-4.887	-17.553	-27.101
2181	21.80	-30.811	-27.554	-18.346	-6.037	5.715	13.727	16.280	13.629	6.600	-2.213
2191	21.90	-11.216	-19.208	-25.493	-29.541	-30.705	-28.261	-21.790	-11.684	0.556	12.492
2201	22.00	21.404	25.186	23.107	16.088	6.375	-3.255	-10.419	-13.814	-13.448	-10.387
2211	22.10	-6.196	-2.341	0.235	1.274	1.116	0.478	0.192	0.953	3.114	6.519
2221	22.20	10.434	13.630	14.651	12.255	5.907	-3.855	-15.360	-26.135	-33.562	-35.670
2231	22.30	-31.787	-22.801	-10.936	0.910	10.041	14.752	14.783	11.290	6.363	2.276
2241	22.40	0.734	2.361	6.602	12.022	16.864	19.653	19.611	16.763	11.760	5.532
2251	22.50	-1.017	-7.165	-12.331	-15.964	-17.480	-16.398	-12.628	-6.770	-0.213	5.145
2261	22.60	7.513	5.962	0.965	-5.594	-11.014	-12.815	-9.770	-2.492	6.735	14.829
2271	22.70	19.130	18.427	13.363	6.040	-0.945	-5.572	-7.097	-6.097	-3.911	-1.845
2281	22.80	-0.548	0.136	0.813	1.976	3.554	4.880	5.070	3.587	0.640	-2.831
2291	22.90	-5.608	-6.840	-6.532	-5.569	-5.258	-6.598	-9.659	-13.417	-16.135	-16.131
2301	23.00	-12.546	-5.747	2.816	11.219	17.818	21.787	23.217	22.782	21.207	18.850
2311	23.10	15.607	11.178	5.480	-1.026	-7.336	-12.225	-14.753	-14.672	-12.547	-9.502
2321	23.20	-6.750	-5.113	-4.768	-5.314	-6.073	-6.461	-6.217	-5.408	-4.236	-2.802
2331	23.30	-0.986	1.490	4.834	8.950	13.329	17.167	19.655	20.314	19.209	16.937
2341	23.40	14.374	12.322	11.205	10.943	11.073	11.006	10.317	8.913	7.005	4.939
2351	23.50	2.958	1.066	-0.964	-3.414	-6.382	-9.611	-12.474	-14.166	-14.012	-11.781
2361	23.60	-7.845	-3.117	1.237	4.193	5.230	4.500	2.748	1.021	0.275	1.050
2371	23.70	3.327	6.613	10.188	13.394	15.841	17.431	18.241	18.327	17.577	15.700
2381	23.80	12.357	7.381	0.966	-6.269	-13.365	-19.241	-22.941	-23.828	-21.680	-16.698
2391	23.90	-9.470	-0.938	7.655	14.861	19.242	19.709	15.895	8.424	-1.097	-10.446
2401	24.00	-17.439	-20.662	-19.989	-16.523	-12.308	-9.304	-8.653	-10.198	-12.607	-14.044
2411	24.10	-13.079	-9.418	-4.120	0.826	3.350	2.191	-2.588	-9.677	-17.127	-23.177
2421	24.20	-26.880	-28.252	-27.926	-26.536	-24.222	-20.537	-14.830	-6.893	2.505	11.540
2431	24.30	17.840	19.374	15.361	6.750	-3.984	-13.648	-19.436	-19.864	-15.172	-7.069
2441	24.40	1.997	9.724	14.615	16.226	14.997	11.865	7.878	3.970	0.899	-0.727
2451	24.50	-0.481	1.776	5.750	10.676	15.460	19.023	20.692	20.463	18.982	17.224
2461	24.60	16.020	15.657	15.768	15.578	14.376	11.984	8.956	6.394	5.443	6.719
2471	24.70	9.928	13.907	17.054	17.974	16.052	11.681	6.080	0.781	-2.975	-4.654
2481	24.80	-4.523	-3.414	-2.307	-1.935	-2.578	-4.094	-6.108	-8.237	-10.222	-11.933
2491	24.90	-13.280	-14.127	-14.278	-13.561	-11.962	-9.716	-7.303	-5.317	-4.274	-4.437

Table 7-54-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1246 1322-GR-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -72.934 (GAL) T= 15.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-5.740	-7.838	-10.239	-12.454	-14.085	-14.840	-14.490	-12.837	-9.753	-5.286
2511	25.10	0.215	6.037	11.198	14.690	15.819	14.504	11.385	7.675	4.767	3.725
2521	25.20	4.877	7.648	10.733	12.552	11.800	7.912	1.242	-7.073	-15.503	-22.591
2531	25.30	-27.330	-29.320	-28.710	-25.995	-21.812	-16.808	-11.619	-6.893	-3.274	-1.296
2541	25.40	-1.202	-2.776	-5.308	-7.750	-9.043	-8.493	-6.025	-2.197	2.044	5.762
2551	25.50	8.390	9.887	10.618	11.032	11.314	11.205	10.104	7.408	2.927	-2.846
2561	25.60	-8.766	-13.391	-15.490	-14.520	-10.826	-5.497	0.039	4.524	7.241	8.142
2571	25.70	7.705	6.650	5.658	5.198	5.500	6.603	8.413	10.699	13.078	15.030
2581	25.80	16.016	15.698	14.157	11.988	10.168	9.695	11.137	14.293	18.155	21.225
2591	25.90	22.095	20.031	15.308	9.135	3.182	-1.074	-2.909	-2.572	-1.091	0.216
2601	26.00	0.300	-1.254	-4.179	-7.764	-11.229	-14.016	-15.879	-16.778	-16.676	-15.421
2611	26.10	-12.795	-8.711	-3.443	2.268	7.341	10.675	11.552	9.908	6.362	1.969
2621	26.20	-2.185	-5.357	-7.330	-8.341	-8.806	-9.014	-8.936	-8.253	-6.582	-3.758
2631	26.30	-0.032	3.927	7.246	9.164	9.323	7.894	5.482	2.863	0.676	-0.811
2641	26.40	-1.749	-2.576	-3.766	-5.568	-7.855	-10.139	-11.735	-12.012	-10.640	-7.718
2651	26.50	-3.766	0.430	4.059	6.518	7.566	7.356	6.339	5.091	4.131	3.789
2661	26.60	4.153	5.112	6.420	7.785	8.908	9.505	9.305	8.079	5.694	2.187
2671	26.70	-2.169	-6.871	-11.270	-14.722	-16.769	-17.263	-16.403	-14.661	-12.617	-10.792
2681	26.80	-9.508	-8.835	-8.617	-8.552	-8.282	-7.482	-5.921	-3.510	-0.344	3.280
2691	26.90	6.880	9.869	11.691	11.979	10.692	8.162	5.026	2.065	-0.006	-0.724
2701	27.00	0.030	2.034	4.816	7.776	10.310	11.902	12.202	11.095	8.749	5.633
2711	27.10	2.447	-0.042	-1.246	-0.986	0.382	2.039	2.973	2.369	-0.044	-3.829
2721	27.20	-7.962	-11.196	-12.523	-11.554	-8.643	-4.729	-0.963	1.709	2.837	2.528
2731	27.30	1.292	-0.222	-1.466	-2.112	-2.054	-1.326	-0.040	1.618	3.356	4.760
2741	27.40	5.375	4.870	3.233	0.876	-1.440	-2.873	-2.869	-1.443	0.755	2.676
2751	27.50	3.310	2.147	-0.567	-3.903	-6.634	-7.757	-6.927	-4.587	-1.760	0.410
2761	27.60	1.139	0.310	-1.539	-3.477	-4.590	-4.304	-2.537	0.379	3.901	7.483
2771	27.70	10.701	13.257	14.929	15.533	14.953	13.218	10.573	7.469	4.439	1.932
2781	27.80	0.153	-0.971	-1.698	-2.290	-2.851	-3.274	-3.332	-2.855	-1.888	-0.728
2791	27.90	0.197	0.546	0.259	-0.392	-0.934	-0.958	-0.368	0.511	1.050	0.598
2801	28.00	-1.186	-4.131	-7.578	-10.621	-12.446	-12.624	-11.220	-8.697	-5.688	-2.758
2811	28.10	-0.275	1.589	2.759	3.163	2.726	1.452	-0.455	-2.535	-4.140	-4.635
2821	28.20	-3.650	-1.252	2.040	5.435	8.153	9.704	10.040	9.511	8.680	8.074
2831	28.30	7.988	8.414	9.100	9.673	9.772	9.134	7.617	5.198	1.958	-1.898
2841	28.40	-6.036	-10.011	-13.331	-15.577	-16.510	-16.151	-14.766	-12.779	-10.640	-8.701
2851	28.50	-7.146	-5.980	-5.073	-4.214	-3.172	-1.751	0.156	2.493	5.001	7.211
2861	28.60	8.550	8.517	6.912	3.998	0.516	-2.496	-4.039	-3.521	-0.999	2.824
2871	28.70	6.847	9.982	11.544	11.454	10.172	8.410	6.765	5.456	4.287	2.830
2881	28.80	0.738	-1.995	-4.958	-7.474	-8.901	-8.936	-7.765	-6.017	-4.495	-3.863
2891	28.90	-4.398	-5.919	-7.899	-9.693	-10.776	-10.883	-10.032	-8.431	-6.362	-4.078
2901	29.00	-1.777	0.391	2.291	3.792	4.785	5.224	5.146	4.660	3.913	3.033
2911	29.10	2.094	1.114	0.096	-0.938	-1.909	-2.697	-3.177	-3.291	-3.088	-2.748
2921	29.20	-2.544	-2.770	-3.642	-5.200	-7.250	-9.361	-10.943	-11.390	-10.265	-7.460
2931	29.30	-3.283	1.582	6.251	9.895	11.989	12.459	11.664	10.220	8.736	7.590
2941	29.40	6.829	6.240	5.547	4.629	3.633	2.920	2.865	3.612	4.913	6.142
2951	29.50	6.504	5.340	2.409	-1.988	-7.100	-11.968	-15.722	-17.820	-18.111	-16.769
2961	29.60	-14.150	-10.658	-6.686	-2.634	1.054	3.899	5.475	5.555	4.229	1.940
2971	29.70	-0.625	-2.748	-3.914	-3.964	-3.107	-1.787	-0.485	0.471	0.985	1.170
2981	29.80	1.232	1.352	1.627	2.065	2.636	3.316	4.085	4.890	5.608	6.045
2991	29.90	6.003	5.393	4.328	3.138	2.271	2.111	2.795	4.108	5.539	6.473

Table 7-54-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1246 1322-GR-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -72.934 (GAL) T= 15.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	6.446	5.354	3.517	1.561	0.180	-0.140	0.696	2.374	4.305	5.863
3011	30.10	6.602	6.399	5.446	4.141	2.924	2.135	1.935	2.309	3.119	4.166
3021	30.20	5.238	6.130	6.654	6.653	6.044	4.868	3.332	1.801	0.729	0.522
3031	30.30	1.388	3.210	5.524	7.601	8.654	8.085	5.704	1.828	-2.782	-7.134
3041	30.40	-10.314	-11.768	-11.471	-9.918	-7.945	-6.440	-6.049	-6.987	-8.994	-11.451
3051	30.50	-13.599	-14.778	-14.612	-13.094	-10.559	-7.574	-4.776	-2.708	-1.685	-1.715
3061	30.60	-2.500	-3.512	-4.151	-3.919	-2.586	-0.272	2.582	5.362	7.487	8.599
3071	30.70	8.667	7.963	6.924	5.969	5.344	5.071	4.987	4.867	4.538	3.939
3081	30.80	3.120	2.175	1.193	0.237	-0.632	-1.310	-1.645	-1.481	-0.749	0.445
3091	30.90	1.811	2.946	3.497	3.320	2.556	1.583	0.833	0.592	0.851	1.321
3101	31.00	1.584	1.326	0.524	-0.526	-1.345	-1.528	-0.978	0.009	0.847	0.931
3111	31.10	-0.071	-2.036	-4.411	-6.435	-7.451	-7.170	-5.757	-3.722	-1.675	-0.065
3121	31.20	0.970	1.587	2.097	2.771	3.713	4.850	6.021	7.102	8.081	9.060
3131	31.30	10.045	11.031	11.744	11.805	10.863	8.789	5.795	2.426	-0.586	-2.564
3141	31.40	-3.098	-2.176	-0.158	2.366	4.777	6.594	7.556	7.604	6.806	5.273
3151	31.50	3.119	0.490	-2.394	-5.199	-7.509	-8.916	-9.155	-8.213	-6.358	-4.059
3161	31.60	-1.828	-0.034	1.224	2.115	2.971	4.084	5.533	7.096	8.313	8.666
3171	31.70	7.821	5.807	3.062	0.310	-1.683	-2.395	-1.747	-0.149	1.625	2.697
3181	31.80	2.374	0.369	-3.101	-7.392	-11.612	-14.877	-16.543	-16.366	-14.554	-11.697
3191	31.90	-8.612	-6.118	-4.821	-4.948	-6.297	-8.311	-10.266	-11.510	-11.680	-10.795
3201	32.00	-9.225	-7.520	-6.191	-5.528	-5.536	-5.989	-6.579	-7.065	-7.356	-7.478
3211	32.10	-7.479	-7.318	-6.837	-5.833	-4.210	-2.118	0.000	1.518	1.851	0.715
3221	32.20	-1.718	-4.830	-7.765	-9.740	-10.333	-9.621	-8.123	-6.566	-5.589	-5.514
3231	32.30	-6.259	-7.432	-8.524	-9.120	-9.039	-8.354	-7.310	-6.195	-5.217	-4.436
3241	32.40	-3.755	-2.957	-1.775	0.028	2.571	5.780	9.351	12.774	15.448	16.868
3251	32.50	16.825	15.540	13.655	12.045	11.511	12.456	14.689	17.450	19.665	20.348
3261	32.60	18.975	15.687	11.233	6.678	3.010	0.795	0.039	0.272	0.812	1.068
3271	32.70	0.753	-0.065	-1.078	-1.927	-2.373	-2.372	-2.043	-1.575	-1.126	-0.783
3281	32.80	-0.578	-0.532	-0.697	-1.132	-1.861	-2.809	-3.785	-4.524	-4.783	-4.440
3291	32.90	-3.555	-2.353	-1.150	-0.243	0.176	0.056	-0.546	-1.522	-2.763	-4.180
3301	33.00	-5.684	-7.158	-8.441	-9.348	-9.725	-9.516	-8.795	-7.758	-6.670	-5.779
3311	33.10	-5.245	-5.094	-5.218	-5.405	-5.393	-4.923	-3.792	-1.905	0.690	3.787
3321	33.20	7.035	10.014	12.326	13.721	14.163	13.846	13.113	12.323	11.710	11.306
3331	33.30	10.948	10.388	9.439	8.107	6.617	5.353	4.702	4.889	5.877	7.371
3341	33.40	8.926	10.112	10.671	10.580	10.029	9.308	8.669	8.227	7.941	7.664
3351	33.50	7.243	6.606	5.795	4.933	4.147	3.484	2.876	2.170	1.218	-0.023
3361	33.60	-1.422	-2.685	-3.451	-3.439	-2.584	-1.099	0.567	1.874	2.384	1.921
3371	33.70	0.632	-1.081	-2.725	-3.910	-4.499	-4.627	-4.606	-4.755	-5.230	-5.943
3381	33.80	-6.601	-6.847	-6.434	-5.345	-3.811	-2.209	-0.905	-0.096	0.252	0.365
3391	33.90	0.540	1.002	1.805	2.825	3.837	4.622	5.061	5.169	5.050	4.823
3401	34.00	4.543	4.173	3.605	2.729	1.506	0.006	-1.591	-3.067	-4.129	-4.673
3411	34.10	-4.622	-4.025	-3.017	-1.783	-0.516	0.325	1.535	2.179	2.581	2.797
3421	34.20	2.874	2.816	2.567	2.023	1.077	-0.330	-2.158	-4.258	-6.393	-8.291
3431	34.30	-9.713	-10.515	-10.677	-10.308	-9.617	-8.867	-8.312	-8.123	-8.326	-8.762
3441	34.40	-9.107	-8.946	-7.914	-5.862	-2.969	0.237	3.000	4.577	4.509	2.830
3451	34.50	0.111	-2.708	-4.628	-4.956	-3.561	-0.915	2.084	4.471	5.576	5.270
3461	34.60	3.989	2.532	1.729	2.118	3.753	6.211	8.782	10.748	11.630	11.324
3471	34.70	10.085	8.382	6.701	5.375	4.499	3.942	3.461	2.726	1.629	0.144
3481	34.80	-1.587	-3.340	-4.905	-6.169	-7.166	-8.054	-9.034	-10.248	-11.681	-13.135
3491	34.90	-14.276	-14.761	-14.385	-13.194	-11.492	-9.753	-8.437	-7.821	-7.886	-8.339

Table 7-54-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1246 1322-GR-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -72.934 (GAL) T= 15.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-8.756	-8.778	-8.275	-7.405	-6.529	-6.021	-6.068	-6.551	-7.067	-7.089
3511	35.10	-6.202	-4.300	-1.663	1.113	3.324	4.395	4.071	2.482	0.069	-2.571
3521	35.20	-4.875	-6.453	-7.139	-6.977	-6.153	-4.918	-3.538	-2.253	-1.255	-0.650
3531	35.30	-0.435	-0.480	-0.557	-0.406	0.167	1.203	2.562	3.967	5.126	5.864
3541	35.40	6.220	6.442	6.878	7.798	9.225	10.859	12.145	12.457	11.359	8.806
3551	35.50	5.220	1.391	-1.776	-3.564	-3.691	-2.399	-0.363	1.564	2.651	2.547
3561	35.60	1.380	-0.319	-1.835	-2.566	-2.147	-0.753	1.163	2.954	4.037	4.092
3571	35.70	3.158	1.590	-0.075	-1.301	-1.707	-1.144	0.326	2.498	5.116	7.921
3581	35.80	10.662	13.059	14.792	15.522	14.999	13.183	10.357	7.129	4.310	2.674
3591	35.90	2.677	4.262	6.820	9.367	10.870	10.611	8.448	4.860	0.765	-2.825
3601	36.00	-5.156	-5.971	-5.531	-4.434	-3.328	-2.647	-2.493	-2.681	-2.922	-3.027
3611	36.10	-3.018	-3.110	-3.562	-4.497	-5.792	-7.090	-7.951	-8.047	-7.325	-6.034
3621	36.20	-4.622	-3.530	-3.057	-3.166	-3.626	-4.108	-4.361	-4.318	-4.097	-3.895
3631	36.30	-3.850	-3.946	-4.010	-3.803	-3.156	-2.073	-0.737	0.564	1.580	2.213
3641	36.40	2.556	2.825	3.230	3.846	4.553	5.084	5.147	4.582	3.454	2.056
3651	36.50	0.804	0.082	0.096	0.808	1.970	3.232	4.286	4.969	5.301	5.444
3661	36.60	5.611	5.971	6.582	7.380	8.204	8.857	9.156	8.985	8.310	7.186
3671	36.70	5.754	4.213	2.794	1.715	1.136	1.111	1.574	2.349	3.200	3.900
3681	36.80	4.302	4.383	4.240	4.044	3.958	4.053	4.266	4.406	4.216	3.485
3691	36.90	2.145	0.333	-1.631	-3.330	-4.392	-4.621	-4.075	-3.048	-1.968	-1.237
3701	37.00	-1.087	-1.509	-2.268	-3.017	-3.442	-3.383	-2.880	-2.137	-1.417	-0.935
3711	37.10	-0.789	-0.953	-1.337	-1.855	-2.473	-3.206	-4.073	-5.039	-5.981	-6.717
3721	37.20	-7.066	-6.926	-6.335	-5.460	-4.553	-3.863	-3.569	-3.741	-4.345	-5.273
3731	37.30	-6.370	-7.447	-8.290	-8.677	-8.414	-7.410	-5.738	-3.666	-1.610	-0.025
3741	37.40	0.745	0.585	-0.345	-1.684	-3.002	-3.963	-4.426	-4.455	-4.230	-3.929
3751	37.50	-3.629	-3.289	-2.803	-2.103	-1.236	-0.370	0.264	0.486	0.257	-0.297
3761	37.60	-0.932	-1.386	-1.481	-1.166	-0.511	0.356	1.307	2.251	3.121	3.853
3771	37.70	4.363	4.576	4.471	4.130	3.740	3.536	3.696	4.243	5.010	5.699
3781	37.80	6.006	5.766	5.040	4.087	3.237	2.726	2.570	2.545	2.292	1.496
3791	37.90	0.046	-1.893	-3.937	-5.634	-6.637	-6.819	-6.286	-5.292	-4.108	-2.932
3801	38.00	-1.855	-0.911	-0.144	0.339	0.391	-0.107	-1.151	-2.564	-4.022	-5.169
3811	38.10	-5.655	-5.444	-4.658	-3.631	-2.775	-2.449	-2.852	-3.967	-5.572	-7.298
3821	38.20	-8.719	-9.451	-9.244	-8.051	-6.051	-3.626	-1.260	0.586	1.604	1.751
3831	38.30	1.236	0.440	-0.211	-0.413	-0.054	0.777	1.883	3.042	4.191	5.236
3841	38.40	6.193	7.000	7.486	7.406	6.541	4.842	2.524	0.060	-1.941	-2.932
3851	38.50	-2.620	-1.077	1.291	3.884	6.115	7.581	8.156	7.967	7.290	6.423
3861	38.60	5.600	4.957	4.559	4.457	4.716	5.413	6.602	8.257	10.238	12.288
3871	38.70	14.077	15.264	15.573	14.860	13.154	10.662	7.751	4.877	2.497	0.958
3881	38.80	0.402	0.722	1.577	2.493	3.006	2.806	1.836	0.293	-1.455	-3.018
3891	38.90	-4.136	-4.763	-5.080	-5.398	-6.021	-7.109	-8.601	-10.220	-11.569	-12.262
3901	39.00	-12.066	-10.981	-9.248	-7.275	-5.520	-4.349	-3.937	-4.228	-4.977	-5.842
3911	39.10	-6.509	-6.785	-6.643	-6.203	-5.649	-5.142	-4.753	-4.462	-4.193	-3.896
3921	39.20	-3.599	-3.416	-3.494	-3.926	-4.673	-5.547	-6.262	-6.542	-6.242	-5.414
3931	39.30	-4.294	-3.203	-2.412	-2.038	-2.002	-2.086	-2.056	-1.779	-1.297	-0.809
3941	39.40	-0.582	-0.814	-1.530	-2.542	-3.492	-3.966	-3.622	-2.310	-0.129	2.589
3951	39.50	5.347	7.606	8.912	9.019	7.959	6.046	3.809	1.855	0.700	0.631
3961	39.60	1.629	3.398	5.483	7.428	8.921	9.855	10.301	10.411	10.308	10.029
3971	39.70	9.543	8.833	7.981	7.202	6.795	7.009	7.912	9.307	10.777	11.826
3981	39.80	12.076	11.423	10.074	8.456	7.019	6.046	5.540	5.244	4.782	3.841
3991	39.90	2.319	0.362	-1.710	-3.540	-4.877	-5.641	-5.901	-5.800	-5.460	-4.938

Table 7-54-9

TABLE OF CORRECTED ACCELERATION RECORD — NO. 9

INDEX NO. 1246 1322-GR-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -72.934 (GAL) T= 15.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-4.246	-3.412	-2.539	-1.817	-1.472	-1.676	-2.454	-3.668	-4.949	-5.993
4011	40.10	-6.475	-6.238	-5.308	-3.871	-2.202	-0.602	0.668	1.417	1.566	1.066
4021	40.20	0.106	-1.098	-2.241	-3.030	-3.276	-2.981	-2.355	-1.763	-1.600	-2.133
4031	40.30	-3.392	-5.134	-6.926	-8.298	-8.913	-8.683	-7.781	-6.557	-5.386	-4.526
4041	40.40	-4.045	-3.833	-3.695	-3.463	-3.079	-2.608	-2.179	-1.901	-1.787	-1.734
4051	40.50	-1.578	-1.179	-0.504	0.335	1.123	1.636	1.747	1.505	1.130	0.939
4061	40.60	1.216	2.092	3.483	5.103	6.566	7.517	7.756	7.294	6.328	5.158
4071	40.70	4.059	3.197	2.582	2.106	1.612	0.981	0.180	-0.732	-1.658	-2.521
4081	40.80	-3.310	-4.089	-4.966	-5.926	-6.981	-7.952	-8.623	-8.799	-8.407	-7.544
4091	40.90	-6.459	-5.479	-4.879	-4.787	-5.127	-5.658	-6.068	-6.107	-5.684	-4.897
4101	41.00	-3.986	-3.219	-2.775	-2.662	-2.712	-2.655	-2.237	-1.333	-0.004	1.518
4111	41.10	2.913	3.899	4.323	4.218	3.772	3.248	2.885	2.822	3.063	3.514
4121	41.20	4.036	4.523	4.938	5.310	5.693	6.114	6.528	6.821	6.853	6.520
4131	41.30	5.829	4.920	4.045	3.500	3.524	4.209	5.462	7.015	8.510	9.593
4141	41.40	10.029	9.753	8.887	7.685	6.454	5.457	4.846	4.626	4.666	4.746
4151	41.50	4.619	4.094	3.093	1.689	0.102	-1.343	-2.306	-2.527	-1.924	-0.637
4161	41.60	0.990	2.500	3.458	3.598	2.903	1.623	0.180	-0.967	-1.479	-1.237
4171	41.70	-0.359	0.868	2.103	3.068	3.620	3.754	3.556	3.137	2.576	1.909
4181	41.80	1.144	0.289	-0.630	-1.581	-2.547	-3.547	-4.632	-5.848	-7.192	-8.573
4191	41.90	-9.824	-10.752	-11.215	-11.182	-10.761	-10.150	-9.562	-9.138	-8.902	-8.773
4201	42.00	-8.632	-8.398	-8.080	-7.766	-7.573	-7.569	-7.721	-7.905	-7.958	-7.760
4211	42.10	-7.297	-6.668	-6.035	-5.551	-5.289	-5.219	-5.241	-5.237	-5.125	-4.875
4221	42.20	-4.479	-3.909	-3.097	-1.948	-0.411	1.455	3.449	5.259	6.568	7.186
4231	42.30	7.138	6.675	6.169	5.965	6.224	6.852	7.545	7.926	7.720	6.874
4241	42.40	5.579	4.185	3.043	2.362	2.141	2.197	2.275	2.171	1.821	1.305
4251	42.50	0.779	0.384	0.166	0.061	-0.060	-0.321	-0.772	-1.370	-2.011	-2.578
4261	42.60	-3.002	-3.270	-3.417	-3.477	-3.455	-3.327	-3.066	-2.687	-2.278	-1.991
4271	42.70	-1.990	-2.384	-3.170	-4.214	-5.291	-6.156	-6.624	-6.626	-6.207	-5.492
4281	42.80	-4.616	-3.678	-2.711	-1.707	-0.658	0.408	1.399	2.185	2.645	2.716
4291	42.90	2.434	1.941	1.447	1.176	1.309	1.933	3.030	4.488	6.133	7.775
4301	43.00	9.240	10.402	11.195	11.621	11.737	11.644	11.461	11.301	11.242	11.313
4311	43.10	11.489	11.705	11.877	11.927	11.799	11.470	10.946	10.252	9.429	8.530
4321	43.20	7.621	6.772	6.043	5.458	4.978	4.497	3.863	2.935	1.653	0.094
4331	43.30	-1.514	-2.845	-3.580	-3.527	-2.716	-1.415	-0.056	0.901	1.127	0.527
4341	43.40	-0.734	-2.308	-3.799	-4.903	-5.489	-5.609	-5.435	-5.162	-4.934	-4.816
4351	43.50	-4.810	-4.901	-5.089	-5.382	-5.767	-6.177	-6.478	-6.510	-6.160	-5.429
4361	43.60	-4.466	-3.534	-2.919	-2.829	-3.316	-4.260	-5.432	-6.574	-7.487	-8.063
4371	43.70	-8.273	-8.125	-7.627	-6.793	-5.670	-4.384	-3.140	-2.175	-1.664	-1.627
4381	43.80	-1.890	-2.134	-2.024	-1.358	-0.178	1.232	2.453	3.111	3.038	2.343
4391	43.90	1.364	0.525	0.161	0.405	1.164	2.199	3.244	4.102	4.683	4.966
4401	44.00	4.932	4.545	3.751	2.553	1.072	-0.437	-1.651	-2.309	-2.334	-1.889
4411	44.10	-1.322	-1.021	-1.232	-1.940	-2.870	-3.606	-3.789	-3.282	-2.238	-1.038
4421	44.20	-0.124	0.184	-0.185	-1.046	-2.054	-2.848	-3.190	-3.015	-2.411	-1.538
4431	44.30	-0.566	0.469	1.465	2.411	3.247	3.878	4.187	4.083	3.537	2.594
4441	44.40	1.368	0.009	-1.321	-2.477	-3.341	-3.837	-3.953	-3.750	-3.364	-2.971
4451	44.50	-2.729	-2.717	-2.894	-3.106	-3.158	-2.903	-2.330	-1.591	-0.944	-0.653
4461	44.60	-0.863	-1.529	-2.416	-3.186	-3.520	-3.232	-2.320	-0.947	0.626	2.136
4471	44.70	3.374	4.222	4.644	4.676	4.416	4.019	3.685	3.617	3.952	4.687
4481	44.80	5.648	6.509	6.897	6.532	5.347	3.532	1.484	-0.340	-1.588	-2.126
4491	44.90	-2.069	-1.696	-1.326	-1.186	-1.349	-1.752	-2.267	-2.771	-3.189	-3.478

Table 7-54-10

TABLE OF CORRECTED ACCELERATION RECORD — NO.10

INDEX NO. 1246 1322-GR-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -72.934 (GAL) T= 15.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-3.589	-3.433	-2.902	-1.929	-0.560	1.007	2.454	3.450	3.782	3.451
4511	45.10	2.678	1.817	1.202	1.008	1.181	1.478	1.596	1.321	0.629	-0.296
4521	45.20	-1.149	-1.634	-1.586	-1.030	-0.168	0.706	1.295	1.382	0.863	-0.249
4531	45.30	-1.839	-3.698	-5.544	-7.041	-7.856	-7.742	-6.623	-4.655	-2.217	0.182
4541	45.40	2.052	3.073	3.202	2.672	1.892	1.279	1.099	1.375	1.899	2.342
4551	45.50	2.420	2.025	1.282	0.502	0.048	0.175	0.908	2.019	3.104	3.731
4561	45.60	3.613	2.720	1.288	-0.262	-1.494	-2.110	-2.064	-1.554	-0.930	-0.536
4571	45.70	-0.566	-0.989	-1.573	-2.000	-2.013	-1.534	-0.702	0.184	0.787	0.878
4581	45.80	0.420	-0.411	-1.300	-1.904	-1.971	-1.404	-0.280	1.205	2.799	4.267
4591	45.90	5.436	6.211	6.573	6.572	6.302	5.887	5.451	5.082	4.813	4.604
4601	46.00	4.361	3.971	3.348	2.467	1.375	0.166	-1.050	-2.176	-3.142	-3.888
4611	46.10	-4.354	-4.466	-4.163	-3.437	-2.372	-1.153	-0.026	0.787	1.170	1.177
4621	46.20	1.015	0.961	1.245	1.942	2.937	3.970	4.750	5.082	4.941	4.474
4631	46.30	3.911	3.451	3.169	2.989	2.745	2.285	1.568	0.702	-0.094	-0.592
4641	46.40	-0.660	-0.331	0.213	0.719	0.974	0.893	0.543	0.100	-0.239	-0.342
4651	46.50	-0.194	0.114	0.443	0.676	0.772	0.773	0.775	0.870	1.096	1.418
4661	46.60	1.733	1.913	1.847	1.479	0.821	-0.051	-1.023	-1.965	-2.766	-3.348
4671	46.70	-3.681	-3.786	-3.726	-3.589	-3.463	-3.413	-3.466	-3.608	-3.795	-3.974
4681	46.80	-4.108	-4.181	-4.196	-4.163	-4.074	-3.896	-3.577	-3.069	-2.352	-1.461
4691	46.90	-0.487	0.441	1.189	1.662	1.830	1.732	1.457	1.112	0.777	0.493
4701	47.00	0.256	0.039	-0.175	-0.372	-0.504	-0.509	-0.346	-0.034	0.336	0.609
4711	47.10	0.614	0.219	-0.615	-1.810	-3.180	-4.480	-5.475	-6.007	-6.040	-5.662
4721	47.20	-5.055	-4.441	-4.007	-3.864	-4.015	-4.369	-4.775	-5.079	-5.169	-5.009
4731	47.30	-4.643	-4.169	-3.700	-3.320	-3.052	-2.857	-2.663	-2.401	-2.051	-1.653
4741	47.40	-1.302	-1.101	-1.115	-1.334	-1.671	-1.990	-2.171	-2.157	-1.979	-1.746
4751	47.50	-1.584	-1.579	-1.730	-1.949	-2.100	-2.064	-1.795	-1.340	-0.821	-0.370
4761	47.60	-0.077	0.055	0.094	0.142	0.274	0.504	0.780	1.028	1.196	1.298
4771	47.70	1.406	1.618	1.989	2.492	3.010	3.383	3.480	3.272	2.865	2.474
4781	47.80	2.339	2.639	3.409	4.527	5.756	6.824	7.524	7.768	7.599	7.151
4791	47.90	6.584	6.017	5.499	5.013	4.509	3.946	3.322	2.679	2.084	1.603

Table 7-55-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1247 1322-GR-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	5.278	6.692	6.853	6.078	5.050	4.483	4.775	5.816	7.056	7.788
11	0.10	7.523	6.248	4.441	2.836	2.056	2.310	3.309	4.441	5.114	5.069
21	0.20	4.496	3.887	3.712	4.102	4.733	4.990	4.334	2.677	0.535	-1.156
31	0.30	-1.486	-0.078	2.635	5.520	7.243	6.908	4.543	1.147	-1.727	-2.700
41	0.40	-1.238	2.058	5.705	8.020	7.919	5.431	1.681	-1.649	-3.131	-2.260
51	0.50	0.334	3.226	4.919	4.579	2.414	-0.471	-2.663	-3.162	-1.866	0.423
61	0.60	2.449	3.169	2.278	0.331	-1.596	-2.507	-2.030	-0.596	0.812	1.230
71	0.70	0.272	-1.619	-3.376	-3.866	-2.511	0.354	3.587	5.766	5.885	3.857
81	0.80	0.577	-2.500	-4.059	-3.555	-1.459	0.996	2.452	2.113	0.162	-2.329
91	0.90	-3.928	-3.573	-1.139	2.449	5.602	6.798	5.301	1.540	-3.040	-6.581
101	1.00	-7.624	-5.734	-1.701	2.803	5.933	6.438	4.168	0.100	-4.097	-6.774
111	1.10	-6.967	-4.749	-1.145	2.342	4.363	4.250	2.228	-0.740	-3.401	-4.722
121	1.20	-4.279	-2.360	0.219	2.476	3.652	3.462	2.139	0.270	-1.461	-2.536
131	1.30	-2.749	-2.222	-1.299	-0.382	0.223	0.392	0.187	-0.203	-0.564	-0.754
141	1.40	-0.759	-0.692	-0.731	-1.016	-1.575	-2.255	-2.784	-2.877	-2.377	-1.369
151	1.50	-0.181	0.723	0.947	0.352	-0.856	-2.199	-3.139	-3.341	-2.841	-2.035
161	1.60	-1.469	-1.544	-2.267	-3.222	-3.761	-3.361	-1.942	0.025	1.703	2.295
171	1.70	1.472	-0.409	-2.431	-3.553	-3.135	-1.298	1.090	2.828	2.985	1.403
181	1.80	-1.172	-3.424	-4.107	-2.681	0.375	3.756	5.930	5.868	3.544	-0.053
191	1.90	-3.580	-5.064	-4.517	-2.160	0.841	3.165	3.961	3.176	1.472	-0.203
201	2.00	-1.134	-1.170	-0.705	-0.353	-0.532	-1.185	-1.829	-1.872	-1.022	0.455
211	2.10	1.796	2.112	0.867	-1.766	-4.903	-7.300	-7.911	-6.378	-3.213	0.419
221	2.20	3.219	4.319	3.634	1.849	0.044	-0.828	-0.373	1.111	2.835	3.952
231	2.30	3.971	2.978	1.539	0.369	-0.059	0.240	0.799	0.985	0.385	-0.909
241	2.40	-2.298	-2.956	-2.269	-0.217	2.526	4.835	5.638	4.444	1.624	-1.708
251	2.50	-4.181	-4.810	-3.483	-1.042	1.107	1.682	0.174	-2.846	-5.959	-7.564
261	2.60	-6.660	-3.381	1.019	4.716	6.169	4.852	1.510	-2.198	-4.491	-4.317
271	2.70	-1.836	1.686	4.531	5.379	3.951	1.115	-1.581	-2.697	-1.616	1.176
281	2.80	4.367	6.498	6.684	5.025	2.498	0.422	-0.222	0.735	2.623	4.324
291	2.90	4.883	4.002	2.164	0.358	-0.465	0.105	1.711	3.408	4.137	3.257
301	3.00	0.893	-2.091	-4.457	-5.140	-3.730	-0.687	2.813	5.320	5.686	3.524
311	3.10	-0.598	-5.332	-9.021	-10.307	-8.657	-4.596	0.441	4.626	6.419	5.173
321	3.20	1.410	-3.372	-7.282	-8.802	-7.403	-3.745	0.616	3.918	4.942	3.521
331	3.30	0.558	-2.422	-3.977	-3.380	-0.901	2.379	5.085	6.153	5.221	2.687
341	3.40	-0.564	-3.571	-5.641	-6.476	-6.111	-4.740	-2.612	-0.014	2.654	4.852
351	3.50	6.001	5.719	4.072	1.673	-0.484	-1.433	-0.710	1.356	3.718	5.064
361	3.60	4.449	1.809	-1.938	-5.259	-6.712	-5.640	-2.513	1.263	3.990	4.479
371	3.70	2.606	-0.621	-3.543	-4.632	-3.208	0.235	4.244	7.053	7.349	4.827
381	3.80	0.304	-4.639	-8.289	-9.457	-7.865	-4.175	0.326	4.218	6.417	6.471
391	3.90	4.614	1.605	-1.548	-3.891	-4.760	-3.927	-1.611	1.586	4.843	7.312
401	4.00	8.328	7.590	5.263	1.969	-1.351	-3.692	-4.306	-2.984	-0.205	2.947
411	4.10	5.111	5.141	2.602	-1.941	-7.004	-10.658	-11.267	-8.200	-2.218	4.691
421	4.20	9.996	11.594	8.672	2.081	-5.953	-12.682	-15.887	-14.701	-9.855	-3.279
431	4.30	2.729	6.389	6.998	4.989	1.537	-2.005	-4.592	-5.681	-5.181	-3.279
441	4.40	-0.332	3.130	6.348	8.378	8.344	5.843	1.300	-3.965	-8.118	-9.532
451	4.50	-7.546	-2.874	2.591	6.563	7.388	4.816	0.137	-4.416	-6.714	-5.718
461	4.60	-1.918	2.971	6.889	8.415	7.357	4.684	1.886	0.153	-0.179	0.366
471	4.70	0.889	0.761	0.023	-0.691	-0.636	0.478	2.213	3.618	3.817	2.603
481	4.80	0.666	-0.747	-0.568	1.387	4.173	6.139	5.843	2.946	-1.424	-5.130
491	4.90	-6.119	-3.606	1.304	5.971	7.433	3.947	-3.941	-13.372	-20.288	-21.211

Table 7-55-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1247 1322-GR-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-14.883	-2.971	10.497	20.744	24.187	19.864	9.742	-2.181	-11.548	-15.345
511	5.10	-12.945	-6.124	1.856	7.655	9.131	6.021	-0.157	-6.865	-11.590	-12.771
521	5.20	-10.288	-5.381	-0.103	3.477	4.022	1.371	-3.454	-8.648	-12.274	-12.927
531	5.30	-10.159	-4.562	2.516	9.450	14.820	17.735	17.919	15.626	11.478	6.322
541	5.40	1.132	-3.117	-5.631	-6.053	-4.669	-2.407	-0.529	-0.075	-1.288	-3.349
551	5.50	-4.642	-3.529	0.690	7.137	13.461	16.759	14.973	8.083	-1.558	-10.057
561	5.60	-13.691	-10.735	-2.481	7.141	13.255	12.335	3.974	-8.738	-20.499	-26.177
571	5.70	-23.167	-12.605	1.165	12.592	17.429	14.550	6.218	-3.236	-9.618	-10.826
581	5.80	-7.619	-2.890	0.085	-0.543	-4.262	-8.588	-10.494	-8.096	-1.684	6.399
591	5.90	12.937	15.424	13.231	7.785	1.735	-2.413	-3.467	-1.962	0.340	1.511
601	6.00	0.501	-2.374	-5.706	-7.817	-7.661	-5.327	-1.922	1.067	2.544	2.314
611	6.10	1.083	-0.018	-0.100	0.984	2.554	3.476	2.787	0.255	-3.408	-6.784
621	6.20	-8.363	-7.243	-3.603	1.270	5.459	7.222	5.776	1.731	-3.070	-6.292
631	6.30	-6.143	-2.266	3.955	9.865	12.664	10.720	4.443	-3.716	-10.258	-12.213
641	6.40	-8.591	-0.994	6.991	11.414	9.873	2.799	-6.564	-13.571	-14.371	-7.844
651	6.50	3.668	15.283	21.770	20.024	10.631	-2.264	-12.769	-15.923	-9.992	2.715
661	6.60	16.885	26.624	28.109	21.224	9.449	-1.911	-8.269	-7.835	-2.267	4.361
671	6.70	7.711	5.367	-2.025	-11.162	-17.800	-18.887	-14.051	-5.722	2.125	5.966
681	6.80	4.442	-1.030	-7.044	-9.957	-7.723	-0.908	7.624	14.143	15.909	12.499
691	6.90	5.952	-0.307	-3.236	-1.729	2.826	7.257	8.242	4.028	-4.602	-14.623
701	7.00	-22.168	-24.345	-20.570	-12.783	-4.440	1.167	2.427	0.012	-3.707	-6.068
711	7.10	-5.601	-2.785	0.291	1.166	-1.540	-7.247	-13.600	-17.615	-17.204	-12.264
721	7.20	-4.768	2.183	5.860	5.179	1.124	-3.858	-7.133	-7.137	-3.999	0.721
731	7.30	4.967	7.209	7.048	5.130	2.558	0.224	-1.514	-2.671	-3.184	-2.585
741	7.40	-0.107	4.768	11.651	18.966	24.355	25.694	22.230	15.197	7.485	2.409
751	7.50	2.149	6.646	13.566	19.385	21.077	17.544	10.061	1.528	-5.045	-7.992
761	7.60	-7.621	-5.726	-4.344	-4.502	-5.719	-6.512	-5.587	-2.920	-0.025	0.858
771	7.70	-1.789	-7.528	-13.776	-16.915	-14.229	-5.630	5.836	15.130	17.569	11.232
781	7.80	-1.830	-16.290	-25.905	-26.424	-17.619	-3.413	9.970	16.933	15.068	6.115
791	7.90	-5.091	-13.102	-14.479	-9.280	-0.730	6.620	9.239	6.256	-0.384	-7.185
801	8.00	-11.030	-10.714	-7.328	-3.395	-1.335	-2.133	-4.922	-7.612	-8.155	-5.676
811	8.10	-0.874	4.483	8.602	10.624	10.946	10.771	11.206	12.471	13.716	13.546
821	8.20	10.941	6.019	0.160	-4.602	-6.617	-5.499	-2.364	0.738	1.910	0.421
831	8.30	-2.872	-5.949	-6.672	-3.925	1.747	8.305	13.106	14.073	10.576	3.651
841	8.40	-4.503	-11.432	-15.313	-15.432	-12.151	-6.521	0.195	6.819	12.345	15.914
851	8.50	16.853	14.876	10.347	4.403	-1.265	-4.985	-5.824	-4.087	-1.264	0.624
861	8.60	0.045	-3.165	-7.552	-10.619	-10.020	-4.818	3.854	13.094	19.437	20.402
871	8.70	15.646	7.151	-1.703	-7.681	-9.150	-6.705	-2.688	0.142	0.064	-2.769
881	8.80	-6.547	-8.921	-8.403	-5.276	-1.689	0.402	-1.305	-6.395	-12.671	-16.960
891	8.90	-16.689	-11.226	-2.277	6.864	12.842	13.768	9.984	3.727	-2.086	-5.276
901	9.00	-5.289	-3.158	-0.648	0.847	1.006	0.516	0.350	0.895	1.540	1.029
911	9.10	-1.608	-6.133	-10.815	-13.096	-10.956	-4.247	4.791	12.272	14.418	9.502
921	9.20	-1.038	-12.983	-21.148	-21.804	-14.536	-2.549	8.764	14.366	11.995	3.256
931	9.30	-7.151	-13.726	-12.849	-4.542	7.540	17.875	21.710	17.285	6.590	-5.669
941	9.40	-14.324	-16.103	-10.971	-1.872	6.878	11.700	11.310	7.037	1.856	-1.258
951	9.50	-0.796	2.711	7.188	10.221	10.287	7.390	2.847	-1.556	-4.516	-5.763
961	9.60	-5.963	-8.109	-6.816	-7.925	-8.643	-8.080	-5.853	-2.380	1.299	4.065
971	9.70	5.302	5.184	4.495	4.109	6.419	5.074	5.157	3.730	0.425	-4.248
981	9.80	-9.057	-12.593	-13.908	-12.908	-10.304	-7.164	-4.342	-2.108	-0.180	1.878
991	9.90	4.172	6.210	7.080	5.989	2.866	-1.332	-4.890	-6.079	-4.069	0.508

Table 7-55-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1247 1322-GR-1-1 HD. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	5.672	8.919	8.408	3.938	-2.805	-8.898	-11.490	-9.153	-2.630	5.406
1011	10.10	11.521	13.083	9.491	2.692	-4.586	-8.335	-6.812	-0.420	8.276	15.697
1021	10.20	18.827	16.503	9.856	1.725	-4.603	-6.803	-4.384	1.268	7.636	12.208
1031	10.30	13.466	11.330	6.934	1.945	-2.207	-4.823	-5.978	-6.192	-5.975	-5.519
1041	10.40	-4.679	-3.231	-1.181	1.056	2.764	3.265	2.311	0.301	-1.826	-2.989
1051	10.50	-2.486	-0.369	2.521	4.902	5.628	4.227	1.139	-2.474	-5.254	-6.267
1061	10.60	-5.412	-3.420	-1.443	-0.437	-0.660	-1.540	-2.003	-1.098	1.395	4.705
1071	10.70	7.316	7.640	4.804	-0.829	-7.677	-13.519	-16.378	-15.319	-10.794	-4.392
1081	10.80	1.867	6.336	8.294	7.990	6.259	3.963	1.473	-1.180	-4.187	-7.417
1091	10.90	-10.175	-11.332	-9.829	-5.305	1.511	8.898	14.746	17.405	16.392	12.588
1101	11.00	7.835	4.104	2.626	3.404	5.304	6.655	6.066	3.040	-1.850	-7.277
1111	11.10	-11.749	-14.164	-14.100	-11.754	-7.674	-2.487	3.211	8.780	13.406	16.107
1121	11.20	15.962	12.519	6.179	-1.697	-9.098	-14.012	-15.169	-12.530	-7.283	-1.321
1131	11.30	3.561	6.388	7.300	7.288	7.514	8.574	10.071	10.766	9.223	6.665
1141	11.40	-2.408	-10.173	-16.097	-17.969	-14.900	-7.817	0.814	7.951	11.223	9.925
1151	11.50	5.278	-0.154	-3.672	-3.699	-0.529	3.826	6.617	5.735	0.815	-6.474
1161	11.60	-13.146	-16.301	-14.568	-8.855	-2.025	2.436	2.122	-3.017	-10.479	-16.266
1171	11.70	-16.723	-10.331	1.418	14.503	24.040	26.382	20.697	9.320	-3.286	-12.436
1181	11.80	-15.144	-11.194	-2.954	5.873	11.912	13.415	10.651	5.375	-0.244	-4.622
1191	11.90	-7.219	-8.358	-8.637	-8.379	-7.436	-5.442	-2.255	1.717	5.561	8.270
1201	12.00	9.248	8.605	7.037	5.364	4.010	2.759	0.962	-1.929	-5.820	-9.798
1211	12.10	-12.475	-12.713	-10.324	-6.337	-2.611	-0.966	-2.246	-5.832	-9.876	-12.163
1221	12.20	-11.169	-6.780	-0.315	6.121	10.618	12.223	11.150	8.374	4.927	1.330
1231	12.30	-2.485	-6.771	-11.369	-15.359	-17.251	-15.704	-10.384	-2.465	5.587	10.939
1241	12.40	11.636	7.554	0.575	-6.146	-9.509	-7.794	-1.370	7.505	15.677	20.409
1251	12.50	20.416	16.211	9.685	3.188	-1.443	-3.490	-3.405	-2.378	-1.665	-2.005
1261	12.60	-3.326	-4.836	-5.397	-4.048	-0.461	4.816	10.436	14.664	16.009	13.865
1271	12.70	8.903	2.971	-1.527	-2.611	0.326	6.071	11.905	14.668	12.158	4.238
1281	12.80	-6.891	-17.472	-23.730	-23.515	-17.276	-7.922	0.415	4.125	1.600	-6.228
1291	12.90	-16.468	-25.614	-30.978	-31.520	-27.793	-21.184	-12.996	-3.940	5.718	15.530
1301	13.00	24.288	29.984	30.496	24.706	13.430	-0.458	-12.932	-20.436	-21.463	-17.321
1311	13.10	-11.580	-8.456	-10.828	-18.851	-29.820	-39.387	-43.523	-40.317	-30.773	-18.278
1321	13.20	-7.046	-0.310	0.907	-2.066	-6.638	-9.370	-9.201	-5.967	-1.090	3.494
1331	13.30	6.275	6.755	5.494	3.732	2.845	3.897	7.390	13.178	20.470	27.872
1341	13.40	33.551	35.605	32.661	24.532	12.645	-0.096	-10.095	-14.303	-11.413	-2.456
1351	13.50	9.560	20.876	28.541	31.601	31.308	30.252	30.833	33.881	38.149	40.999
1361	13.60	39.953	34.274	25.702	17.818	14.276	16.733	23.604	30.397	31.663	23.723
1371	13.70	6.862	-14.176	-31.807	-38.758	-31.350	-11.404	14.217	36.309	47.108	43.466
1381	13.80	27.994	7.657	-9.474	-17.809	-16.489	-9.340	-2.626	-1.777	-8.676	-20.767
1391	13.90	-32.330	-37.211	-31.650	-15.909	5.975	28.001	44.607	52.511	51.277	42.635
1401	14.00	29.212	13.486	-2.501	-16.794	-27.087	-30.845	-26.232	-13.456	4.325	21.335
1411	14.10	31.005	28.704	14.138	-7.871	-28.862	-40.069	-36.205	-17.974	7.965	31.671
1421	14.20	44.120	41.021	24.506	1.933	-17.614	-27.459	-26.158	-17.744	-9.383	-7.627
1431	14.30	-15.157	-29.513	-44.358	-52.568	-49.588	-35.472	-14.706	5.960	20.522	26.104
1441	14.40	23.666	16.871	9.841	5.029	2.233	-0.841	-6.905	-17.254	-30.734	-44.046
1451	14.50	-53.203	-55.390	-50.338	-40.565	-30.392	-24.216	-24.778	-32.158	-43.823	-55.624
1461	14.60	-63.282	-63.795	-56.289	-42.152	-24.525	-7.400	5.369	10.920	7.974	-2.909
1471	14.70	-19.402	-37.825	-53.855	-63.443	-63.759	-53.955	-35.499	-11.963	11.764	30.655
1481	14.80	40.810	40.463	30.421	13.804	-4.839	-20.776	-30.297	-31.536	-24.659	-11.446
1491	14.90	5.526	23.728	41.236	56.816	69.620	78.760	83.083	81.373	72.939	58.334

Table 7-55-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1247 1322-GR-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	39.760	20.835	5.651	-2.607	-2.937	2.903	10.882	16.025	14.511	5.089
1511	15.10	-10.170	-26.495	-38.072	-40.090	-30.398	-10.155	16.691	44.759	68.775	84.687
1521	15.20	90.024	83.628	65.231	35.364	-4.175	-49.535	-94.325	-130.078	-148.002	-141.680
1531	15.30	-109.802	-57.707	3.213	58.396	94.503	103.755	86.553	51.269	11.212	-20.086
1541	15.40	-33.412	-26.484	-3.728	26.458	55.533	77.976	92.396	100.351	103.747	102.443
1551	15.50	93.516	72.761	37.763	-9.047	-59.124	-99.369	-116.239	-100.906	-53.316	16.643
1561	15.60	91.524	151.475	180.282	170.132	123.563	52.168	-27.113	-96.669	-142.331	-155.994
1571	15.70	-136.528	-89.308	-24.849	43.158	100.290	134.254	137.807	111.006	61.860	4.713
1581	15.80	-43.596	-68.833	-64.038	-32.041	15.243	60.633	87.285	84.066	48.841	-11.328
1591	15.90	-82.853	-149.923	-198.811	-220.868	-213.610	-180.166	-127.764	-65.986	-5.171	45.014
1601	16.00	76.945	86.361	73.322	42.355	1.458	-39.924	-73.355	-93.422	-98.567	-90.547
1611	16.10	-72.955	-49.658	-23.936	1.417	23.406	38.368	42.420	32.933	10.370	-20.617
1621	16.20	-51.791	-73.821	-79.814	-68.329	-44.322	-17.324	2.556	9.104	2.869	-8.964
1631	16.30	-15.781	-8.410	16.528	54.757	95.781	126.902	137.985	124.900	90.380	42.285
1641	16.40	-9.506	-55.986	-90.519	-108.794	-108.077	-86.875	-45.712	11.304	75.317	133.318
1651	16.50	171.146	178.208	152.040	100.431	39.638	-11.130	-36.928	-32.986	-6.613	25.943
1661	16.60	46.490	42.768	13.782	-29.751	-69.999	-89.560	-78.617	-38.640	18.752	76.941
1671	16.70	120.892	142.205	140.615	121.831	93.314	60.447	25.009	-13.538	-55.085	-96.266
1681	16.80	-129.975	-147.545	-142.589	-114.481	-69.536	-19.101	24.701	53.551	65.673	65.451
1691	16.90	60.256	56.185	54.945	53.492	46.500	30.293	5.985	-19.972	-38.370	-41.781
1701	17.00	-28.802	-5.747	15.336	21.670	5.681	-30.985	-76.913	-114.934	-128.567	-108.695
1711	17.10	-57.640	11.010	76.789	119.313	125.260	92.867	32.451	-37.125	-94.734	-123.872
1721	17.20	-117.891	-81.919	-30.892	15.640	40.242	33.651	-1.909	-53.372	-101.336	-126.991
1731	17.30	-119.033	-78.038	-16.574	45.130	86.437	93.790	65.595	12.647	-46.005	-90.106
1741	17.40	-105.372	-88.113	-45.712	6.896	53.098	80.412	84.126	67.745	40.561	13.682
1751	17.50	-3.845	-7.523	1.974	19.824	39.033	52.626	55.524	45.808	25.213	-1.249
1761	17.60	-26.553	-43.650	-47.692	-37.786	-17.535	6.025	24.843	32.801	27.990	13.380
1771	17.70	-4.448	-17.960	-21.586	-13.681	3.224	23.801	42.172	53.959	57.313	52.728
1781	17.80	42.059	27.469	10.876	-5.990	-21.274	-32.948	-39.348	-40.105	-36.894	-33.324
1791	17.90	-33.706	-41.028	-55.056	-71.598	-83.546	-83.497	-66.958	-34.732	6.673	46.964
1801	18.00	75.651	85.893	77.034	54.789	28.971	9.673	3.384	10.538	25.398	38.309
1811	18.10	39.459	22.791	-11.325	-55.622	-97.868	-124.624	-125.641	-97.452	-44.949	19.675
1821	18.20	80.389	122.138	135.447	119.275	81.111	34.282	-6.579	-30.275	-32.330	-15.708
1831	18.30	11.115	37.824	56.146	62.450	58.206	48.373	38.630	32.738	31.139	31.220
1841	18.40	28.955	21.021	6.628	-13.013	-33.669	-50.646	-61.380	-64.594	-61.289	-53.704
1851	18.50	-44.112	-33.828	-22.840	-10.197	5.097	23.068	42.126	59.067	69.784	70.460
1861	18.60	58.872	35.364	3.164	-32.074	-63.408	-84.138	-89.366	-77.095	-49.000	-10.083
1871	18.70	32.099	68.873	92.192	96.378	79.492	43.995	-3.568	-53.901	-97.070	-124.892
1881	18.80	-132.921	-121.414	-94.964	-60.908	-27.054	0.474	18.589	27.389	29.249	27.352
1891	18.90	24.345	21.622	19.400	17.343	15.286	13.646	13.359	15.457	20.595	28.797
1901	19.00	39.491	51.699	64.147	75.178	82.556	83.472	75.037	55.329	24.689	-13.365
1911	19.10	-52.211	-83.509	-99.608	-96.156	-73.873	-38.664	0.100	32.541	51.368	53.908
1921	19.20	42.393	22.517	1.015	-16.696	-27.918	-32.794	-33.412	-32.547	-32.673	-35.538
1931	19.30	-42.153	-52.819	-66.866	-82.177	-94.874	-99.737	-91.624	-67.622	-29.104	17.394
1941	19.40	61.244	90.753	97.227	78.520	40.501	-4.402	-41.275	-57.963	-49.496	-19.913
1951	19.50	19.272	53.403	70.120	63.809	37.370	0.743	-33.099	-53.048	-53.728	-36.970
1961	19.60	-10.525	15.254	31.361	33.197	21.753	2.710	-15.959	-26.828	-25.298	-10.633
1971	19.70	14.338	44.492	74.063	98.077	113.249	118.255	113.536	100.840	82.701	61.920
1981	19.80	41.079	22.086	5.795	-8.157	-21.182	-35.170	-51.591	-70.537	-90.087	-106.336
1991	19.90	-114.275	-109.366	-89.348	-55.586	-13.356	29.266	63.670	83.441	86.541	76.040

Table 7-55-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1247 1322-GR-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	58.985	43.721	36.623	39.511	48.823	56.941	55.223	37.553	3.015	-43.354
2011	20.10	-92.023	-132.017	-154.366	-154.662	-133.926	-97.703	-54.007	-11.044	24.472	48.106
2021	20.20	57.735	53.317	36.741	11.831	-15.800	-39.453	-52.783	-51.674	-35.864	-9.476
2031	20.30	20.002	44.152	56.593	55.286	43.174	26.823	13.618	8.706	13.016	23.160
2041	20.40	33.196	37.375	32.621	19.670	2.480	-13.661	-24.346	-27.559	-23.900	-15.639
2051	20.50	-5.279	5.545	16.281	26.806	36.449	43.413	45.092	39.246	25.486	6.221
2061	20.60	-13.532	-27.633	-31.058	-22.010	-2.956	19.912	38.642	46.210	38.924	17.660
2071	20.70	-12.448	-43.711	-68.321	-80.666	-78.829	-64.872	-43.962	-22.678	-7.067	-0.963
2081	20.80	-5.009	-16.591	-30.685	-41.398	-43.795	-35.484	-17.470	6.047	28.944	45.162
2091	20.90	50.756	45.278	31.973	16.628	5.472	2.852	9.570	22.503	35.678	42.429
2101	21.00	37.832	20.570	-6.445	-36.865	-62.801	-77.141	-75.558	-57.610	-26.735	10.733
2111	21.10	47.138	75.198	89.435	87.125	68.671	37.442	-0.853	-39.171	-70.385	-88.603
2121	21.20	-90.330	-75.194	-46.074	-8.508	30.473	63.861	86.132	94.323	88.451	71.198
2131	21.30	47.012	20.881	-2.841	-21.242	-33.111	-38.656	-38.872	-34.868	-27.449	-17.115
2141	21.40	-4.428	9.481	22.610	32.246	35.624	30.894	17.961	-1.194	-22.947	-43.098
2151	21.50	-58.177	-66.441	-68.139	-64.970	-59.026	-51.762	-43.512	-33.784	-22.136	-9.119
2161	21.60	3.301	12.172	14.718	9.723	-1.571	-15.556	-27.391	-32.761	-29.479	-18.285
2171	21.70	-2.503	13.242	24.647	29.016	25.763	16.093	2.219	-13.422	-28.612	-41.430
2181	21.80	-50.196	-53.595	-51.072	-43.342	-32.603	-22.102	-15.018	-13.032	-15.290	-18.370
2191	21.90	-17.513	-8.728	9.120	33.230	57.461	74.499	78.781	68.935	48.632	25.414
2201	22.00	7.933	2.722	11.845	32.350	57.684	80.388	94.876	99.186	95.075	86.607
2211	22.10	78.024	71.886	68.274	65.257	60.282	51.714	39.819	26.732	15.527	8.822
2221	22.20	7.595	10.717	15.390	18.286	16.902	10.589	0.846	-9.229	-16.108	-17.195
2231	22.30	-11.861	-1.781	9.566	18.062	20.375	15.129	3.408	-11.581	-25.571	-34.633
2241	22.40	-36.398	-30.713	-19.532	-6.157	5.821	13.486	15.149	10.418	-0.093	-15.157
2251	22.50	-33.214	-52.454	-70.801	-85.982	-95.828	-98.800	-94.568	-84.352	-70.799	-57.333
2261	22.60	-47.151	-42.228	-42.698	-46.876	-51.905	-54.796	-53.656	-47.350	-37.583	-26.425
2271	22.70	-16.483	-9.847	-7.467	-8.948	-12.763	-16.785	-18.965	-17.956	-13.521	-6.607
2281	22.80	0.963	7.102	10.216	9.861	7.033	3.919	3.141	6.705	15.064	26.691
2291	22.90	38.423	46.521	48.088	42.291	30.868	17.665	7.215	3.253	7.155	17.538
2301	23.00	30.835	42.727	49.835	50.970	47.453	42.384	39.211	40.201	45.457	52.875
2311	23.10	59.008	60.469	55.281	43.631	27.796	11.284	-2.391	-10.849	-13.472	-11.372
2321	23.20	-6.777	-2.149	0.636	0.781	-1.378	-4.677	-7.625	-8.895	-7.681	-3.855
2331	23.30	2.063	9.045	15.780	20.902	23.240	22.036	17.109	8.931	-1.418	-12.428
2341	23.40	-22.424	-29.855	-33.536	-32.796	-27.524	-18.158	-5.651	8.535	22.453	33.768
2351	23.50	40.008	39.018	29.541	11.787	-12.259	-38.960	-63.476	-81.825	-90.063	-87.212
2361	23.60	-74.611	-55.736	-35.189	-17.398	-5.450	-0.420	-1.393	-6.073	-11.698	-15.907
2371	23.70	-17.271	-15.392	-10.664	-3.913	3.884	11.690	18.370	22.660	23.275	19.227
2381	23.80	10.230	-2.965	-18.518	-33.806	-46.043	-52.990	-53.531	-47.899	-37.498	-24.411
2391	23.90	-10.810	1.552	11.589	18.872	23.427	25.480	25.278	23.037	19.022	13.672
2401	24.00	7.697	2.060	-2.176	-4.106	-3.277	0.088	5.057	10.190	13.960	15.294
2411	24.10	14.021	11.051	8.124	7.179	9.521	15.116	22.338	28.352	30.072	25.364
2421	24.20	14.043	-1.780	-18.199	-30.716	-35.729	-31.728	-19.759	-2.973	14.517	29.005
2431	24.30	38.257	41.879	40.951	37.184	32.029	26.159	19.486	11.665	2.610	-6.900
2441	24.40	-15.459	-21.405	-23.512	-21.542	-16.405	-9.859	-3.867	0.095	1.512	0.903
2451	24.50	-0.485	-1.206	-0.151	3.117	8.297	14.523	20.661	25.625	28.617	29.263
2461	24.60	27.654	24.301	20.001	15.628	11.869	8.989	6.713	4.332	1.028	-3.660
2471	24.70	-9.417	-14.998	-18.470	-17.842	-11.881	-0.802	13.498	27.805	38.512	42.777
2481	24.80	39.498	29.713	16.243	2.695	-7.816	-13.743	-15.576	-15.541	-16.667	-21.580
2491	24.90	-31.494	-45.749	-62.017	-77.077	-87.825	-92.172	-89.568	-81.029	-68.759	-55.509

Table 7-55-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1247 1322-GR-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-43.894	-35.803	-32.003	-31.980	-34.037	-35.658	-34.112	-27.198	-13.962	4.848
2511	25.10	26.777	48.201	65.286	75.097	76.477	70.383	59.539	47.532	37.690	32.135
2521	25.20	31.343	34.310	39.165	43.945	47.179	48.115	46.577	42.661	36.493	28.214
2531	25.30	18.202	7.341	-2.850	-10.422	-13.500	-10.928	-2.779	9.510	23.445	36.129
2541	25.40	45.007	48.456	46.033	38.383	26.911	13.409	-0.258	-12.366	-21.501	-26.783
2551	25.50	-28.070	-26.132	-22.593	-19.572	-19.034	-22.076	-28.410	-36.347	-43.329	-46.886
2561	25.60	-45.622	-39.839	-31.492	-23.486	-18.576	-18.354	-22.712	-30.015	-37.844	-43.978
2571	25.70	-47.149	-47.293	-45.235	-42.034	-38.373	-34.271	-29.252	-22.819	-14.940	-6.247
2581	25.80	2.149	9.153	14.195	17.476	19.807	22.114	24.879	27.814	29.966	30.210
2591	25.90	27.888	23.258	17.522	12.393	9.400	9.275	11.711	15.582	19.518	22.511
2601	26.00	24.259	25.078	25.467	25.594	25.917	22.838	18.239	11.134	2.573	-5.378
2611	26.10	-10.306	-10.420	-5.390	3.334	12.938	20.235	22.856	20.109	13.161	4.460
2621	26.20	-3.349	-8.504	-10.747	-11.205	-11.627	-13.356	-16.539	-19.971	-21.666	-19.882
2631	26.30	-14.131	-5.654	2.888	8.439	8.834	3.815	-4.714	-13.321	-18.335	-17.251
2641	26.40	-9.675	2.581	16.285	28.090	35.816	39.164	39.605	39.530	41.063	45.072
2651	26.50	50.778	56.119	58.652	56.615	49.660	38.997	26.909	15.880	7.710	2.971
2661	26.60	0.979	0.234	-0.896	-3.546	-8.025	-13.863	-20.151	-26.031	-30.939	-34.786
2671	26.70	-37.743	-39.936	-41.184	-40.916	-38.362	-32.940	-24.680	-14.495	-4.138	4.188
2681	26.80	8.445	7.405	1.074	-9.282	-21.510	-33.224	-42.484	-48.259	-50.513	-49.940
2691	26.90	-47.496	-43.984	-39.859	-35.322	-30.599	-26.184	-22.867	-21.470	-22.390	-25.191
2701	27.00	-28.497	-30.308	-28.684	-22.523	-12.102	0.891	13.879	24.285	30.423	32.028
2711	27.10	30.212	26.878	23.876	22.273	22.026	22.189	21.493	19.025	14.674	9.175
2721	27.20	3.745	-0.470	-2.888	-3.692	-3.674	-3.811	-4.779	-6.619	-8.677	-9.843
2731	27.30	-8.966	-5.310	1.124	9.486	18.214	25.377	29.154	28.318	22.633	13.018
2741	27.40	1.412	-9.664	-17.774	-21.253	-19.718	-14.179	-6.701	0.299	4.879	6.216
2751	27.50	4.833	2.315	0.628	1.325	4.931	10.757	17.177	22.247	24.406	22.997
2761	27.60	18.434	12.016	5.489	0.553	-1.548	-0.249	4.281	11.216	19.224	26.680
2771	27.70	31.952	33.749	31.479	25.498	17.132	8.378	1.329	-2.518	-2.818	-0.553
2781	27.80	2.291	3.459	1.326	-4.405	-12.490	-20.535	-25.864	-26.525	-22.056	-13.698
2791	27.90	-3.977	4.167	8.364	7.526	2.048	-6.543	-16.281	-25.487	-33.215	-39.289
2801	28.00	-43.959	-47.428	-49.502	-49.554	-46.839	-40.982	-32.392	-22.363	-12.776	-5.486
2811	28.10	-1.649	-1.272	-3.192	-5.517	-6.351	-4.532	-0.072	5.865	11.436	14.857
2821	28.20	15.108	12.358	7.938	3.898	2.315	4.594	10.995	20.511	31.134	40.382
2831	28.30	45.961	46.361	41.251	31.593	19.424	7.374	-1.990	-6.832	-6.540	-1.913
2841	28.40	5.070	11.831	15.982	16.068	12.015	5.130	-2.361	-8.073	-10.245	-8.279
2851	28.50	-2.832	4.522	11.930	17.926	21.877	24.060	25.376	26.863	29.203	32.435
2861	28.60	35.956	38.782	39.944	38.852	35.501	30.465	24.698	19.235	14.899	12.087
2871	28.70	10.698	10.189	9.756	8.565	5.988	1.780	-3.841	-10.251	-16.571	-21.893
2881	28.80	-25.492	-26.970	-26.290	-23.713	-19.676	-14.677	-9.198	-3.691	1.401	5.648
2891	28.90	8.666	10.204	10.235	8.996	6.944	4.635	2.554	0.984	-0.041	-0.681
2901	29.00	-1.162	-1.653	-2.201	-2.763	-3.296	-3.852	-4.608	-5.810	-7.652	-10.171
2911	29.10	-13.220	-16.556	-20.011	-23.655	-27.850	-33.135	-39.968	-48.416	-57.942	-67.397
2921	29.20	-75.261	-80.048	-80.750	-77.121	-69.725	-59.710	-48.433	-37.077	-26.417	-16.816
2931	29.30	-8.403	-1.319	4.123	7.456	8.282	6.575	2.921	-1.460	-4.968	-6.095
2941	29.40	-3.939	1.431	8.944	16.846	23.284	26.932	27.433	25.481	22.532	20.237
2951	29.50	19.847	21.789	25.577	30.052	33.832	35.788	35.364	32.656	28.282	23.137
2961	29.60	18.172	14.263	12.170	12.522	15.750	21.936	30.631	40.755	50.681	58.552
2971	29.70	62.756	62.407	57.620	49.470	39.622	29.773	21.142	14.192	8.686	4.008
2981	29.80	-0.429	-4.901	-9.344	-13.549	-17.440	-21.231	-25.322	-29.970	-34.885	-39.019
2991	29.90	-40.724	-38.311	-30.811	-18.629	-3.746	10.678	21.227	25.349	22.241	13.153

Table 7-55-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1247 1322-GR-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	0.959	-10.826	-19.227	-22.729	-21.625	-17.693	-13.392	-10.894	-11.347	-14.587
3011	30.10	-19.351	-23.867	-26.429	-26.140	-22.950	-17.695	-11.760	-6.652	-3.595	-3.226
3021	30.20	-5.475	-9.606	-14.436	-18.650	-21.141	-21.278	-19.020	-14.835	-9.485	-5.757
3031	30.30	1.727	6.536	10.310	12.582	12.694	9.904	3.711	-5.748	-17.406	-29.297
3041	30.40	-38.953	-44.107	-43.420	-36.965	-26.247	-13.737	-2.085	6.661	11.558	12.816
3051	30.50	11.429	8.615	5.317	1.987	-1.309	-4.574	-7.569	-9.700	-10.157	-8.250
3061	30.60	-3.756	2.907	10.775	18.651	25.523	30.864	34.726	37.577	39.965	42.303
3071	30.70	44.479	46.067	46.425	44.988	41.521	36.248	29.824	23.173	17.248	12.790
3081	30.80	10.144	9.182	9.350	9.827	9.763	8.531	5.917	2.192	-1.973	-5.727
3091	30.90	-8.329	-9.408	-9.113	-8.080	-7.240	-7.513	-9.502	-13.272	-18.293	-23.576
3101	31.00	-27.949	-30.423	-30.514	-28.438	-25.103	-21.862	-20.118	-20.858	-24.299	-29.775
3111	31.10	-35.930	-41.169	-44.227	-44.642	-42.933	-40.420	-38.711	-39.075	-41.929	-46.659
3121	31.20	-51.827	-55.693	-56.829	-56.579	-49.209	-41.690	-33.268	-24.978	-17.329	-10.251
3131	31.30	-3.282	4.104	12.189	20.842	29.513	37.397	43.652	47.636	49.072	48.146
3141	31.40	45.503	42.157	39.294	38.000	38.966	42.255	47.231	52.706	57.288	59.824
3151	31.50	59.772	57.369	53.503	49.349	45.910	43.664	42.453	41.650	40.521	38.604
3161	31.60	35.934	33.020	30.593	29.258	29.212	30.142	31.363	32.094	31.775	30.262
3171	31.70	27.872	25.220	22.986	21.676	21.469	22.193	23.411	24.570	25.155	24.809
3181	31.80	23.391	20.962	17.730	13.956	9.861	5.559	1.050	-3.738	-8.860	-14.264
3191	31.90	-19.732	-24.906	-29.369	-32.767	-34.924	-35.880	-35.868	-35.230	-34.324	-33.472
3201	32.00	-32.953	-33.022	-33.900	-35.715	-38.387	-41.515	-44.368	-46.011	-45.596	-42.707
3211	32.10	-37.621	-31.350	-25.393	-21.255	-19.915	-21.428	-24.869	-28.637	-31.024	-30.830
3221	32.20	-27.790	-22.660	-16.824	-11.950	-9.266	-9.184	-11.432	-15.069	-18.985	-22.258
3231	32.30	-24.387	-25.332	-25.378	-24.934	-24.351	-23.828	-23.603	-23.011	-22.551	-21.947
3241	32.40	-21.182	-20.302	-19.408	-18.620	-18.008	-17.525	-16.941	-15.850	-13.770	-10.315
3251	32.50	-5.407	0.596	6.916	12.547	16.587	18.556	18.594	17.417	16.043	15.411
3261	32.60	16.039	17.882	20.452	23.120	25.470	27.506	29.624	32.360	36.041	40.515
3271	32.70	45.113	48.858	50.843	50.592	48.259	44.572	40.553	37.164	35.021	34.289
3281	32.80	34.754	36.015	37.647	39.274	40.536	41.001	40.143	37.435	32.546	25.564
3291	32.90	17.108	8.253	0.247	-5.870	-9.604	-11.159	-11.324	-11.146	-11.531	-12.921
3301	33.00	-15.184	-17.758	-19.951	-21.288	-21.734	-21.720	-21.964	-23.169	-25.720	-29.513
3311	33.10	-33.947	-38.112	-41.065	-42.120	-41.055	-38.166	-34.184	-30.066	-26.747	-24.906
3321	33.20	-24.804	-26.233	-28.573	-30.941	-32.400	-32.179	-29.864	-25.516	-19.697	-13.369
3331	33.30	-7.707	-3.829	-2.533	-4.085	-8.152	-13.891	-20.181	-25.939	-30.406	-33.312
3341	33.40	-34.846	-35.466	-35.604	-35.413	-34.654	-32.788	-29.235	-23.684	-16.323	-7.861
3351	33.50	0.668	8.257	14.287	18.732	22.127	25.288	28.913	33.221	37.788	41.652
3361	33.60	43.655	42.883	39.041	32.616	24.771	17.018	10.786	7.037	6.045	7.396
3371	33.70	10.183	13.318	15.851	17.211	17.308	16.486	15.354	14.563	14.582	15.549
3381	33.80	17.244	19.187	20.835	21.813	22.090	22.027	22.268	23.486	26.087	29.965
3391	33.90	34.427	38.325	40.377	39.570	35.507	28.576	19.878	10.934	3.260	-2.028
3401	34.00	-4.489	-4.400	-2.595	-0.166	1.879	2.870	2.591	1.236	-0.750	-2.878
3411	34.10	-4.785	-6.314	-7.488	-8.411	-9.152	-9.671	-9.836	-9.531	-8.802	-7.970
3421	34.20	-7.632	-8.509	-11.175	-15.748	-21.698	-27.265	-32.738	-34.934	-33.712	-29.192
3431	34.30	-22.939	-16.493	-11.852	-10.260	-11.859	-15.649	-19.864	-22.643	-22.710	-19.818
3441	34.40	-14.759	-8.979	-3.961	-0.652	0.830	1.108	1.141	1.724	3.121	4.998
3451	34.50	6.670	7.520	7.379	6.675	6.281	7.136	9.807	14.207	19.584	24.787
3461	34.60	28.693	30.603	30.465	28.841	26.654	24.833	24.006	24.325	25.480	26.861
3471	34.70	27.787	27.737	26.504	24.253	21.472	18.829	16.980	16.355	16.990	18.461
3481	34.80	19.967	20.547	19.393	16.135	11.013	4.834	-1.271	-6.219	-9.344	-10.605
3491	34.90	-10.575	-10.198	-10.418	-11.828	-14.464	-17.814	-21.034	-23.254	-23.883	-22.786

Table 7-55-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1247 1322-GR-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-20.310	-17.156	-14.165	-12.086	-11.386	-12.142	-14.021	-16.359	-18.334	-19.190
3511	35.10	-18.475	-16.228	-13.015	-9.802	-7.661	-7.391	-9.202	-12.579	-16.421	-19.397
3521	35.20	-20.420	-19.035	-15.572	-10.988	-6.475	-2.994	-0.938	-0.074	0.227	0.582
3531	35.30	1.222	1.822	1.626	-0.172	-3.994	-9.573	-15.940	-21.721	-25.613	-26.841
3541	35.40	-25.407	-22.027	-17.813	-13.835	-10.767	-8.749	-7.490	-6.538	-5.564	-4.520
3551	35.50	-3.632	-3.229	-3.537	-4.528	-5.897	-7.161	-7.825	-7.524	-6.109	-3.611
3561	35.60	-0.290	3.482	7.201	10.269	12.071	12.123	10.262	6.799	2.547	-1.348
3571	35.70	-3.749	-3.925	-1.860	1.685	5.414	7.958	8.396	6.621	3.384	0.015
3581	35.80	-2.086	-1.970	0.536	4.827	9.802	14.319	17.593	19.399	20.009	19.927
3591	35.90	19.571	19.052	18.149	16.468	13.690	9.787	5.103	0.267	-4.010	-7.154
3601	36.00	-8.879	-9.216	-8.431	-6.897	-4.972	-2.941	-1.012	0.652	1.910	2.655
3611	36.10	2.848	2.555	1.959	1.319	0.906	0.926	1.476	2.550	4.083	5.994
3621	36.20	8.220	10.687	13.267	15.716	17.660	18.642	18.241	16.215	12.091	7.864
3631	36.30	2.642	-2.203	-5.893	-7.909	-8.118	-6.795	-4.536	-2.080	-0.102	0.971
3641	36.40	1.059	0.425	-0.439	-0.994	-0.855	0.064	1.502	2.932	3.746	3.475
3651	36.50	1.977	-0.494	-3.359	-5.924	-7.640	-8.334	-8.296	-8.202	-8.870	-10.953
3661	36.60	-14.666	-19.660	-25.087	-29.845	-32.907	-33.625	-31.910	-28.232	-23.451	-18.556
3671	36.70	-14.400	-11.511	-10.023	-9.731	-10.213	-10.982	-11.599	-11.760	-11.312	-10.248
3681	36.80	-8.676	-6.786	-4.805	-2.953	-1.402	-0.239	0.551	1.077	1.511	2.041
3691	36.90	2.825	3.955	5.437	7.198	9.101	10.989	12.736	14.299	15.762	17.346
3701	37.00	19.369	22.150	25.871	30.457	35.514	40.377	44.281	46.604	47.101	46.030
3711	37.10	44.108	42.278	41.385	41.855	43.527	45.705	47.418	47.778	46.298	43.036
3721	37.20	38.504	33.395	28.267	23.312	18.352	13.026	7.109	0.780	-5.298	-10.146
3731	37.30	-12.832	-12.886	-10.574	-6.904	-3.343	-1.333	-1.797	-4.819	-9.623	-14.855
3741	37.40	-19.058	-21.159	-20.808	-18.450	-15.139	-12.172	-10.696	-11.400	-14.383	-19.208
3751	37.50	-25.089	-31.124	-36.517	-40.714	-43.454	-44.746	-44.797	-43.930	-42.512	-40.907
3761	37.60	-39.451	-38.437	-38.094	-38.553	-39.794	-41.606	-43.570	-45.098	-45.552	-44.403
3771	37.70	-41.410	-36.728	-30.914	-24.796	-19.244	-14.916	-12.065	-10.489	-9.642	-8.847
3781	37.80	-7.548	-5.477	-2.698	0.493	3.732	6.754	9.470	11.943	14.295	16.601
3791	37.90	18.841	20.936	22.832	24.585	26.379	28.460	31.011	34.021	37.241	40.238
3801	38.00	42.541	43.815	43.973	43.193	41.820	40.218	38.641	37.182	35.805	34.437
3811	38.10	33.046	31.659	30.316	28.986	27.517	25.670	23.227	20.141	16.641	13.226
3821	38.20	10.532	9.103	9.174	10.545	12.617	14.563	15.582	15.123	13.012	9.440
3831	38.30	4.847	-0.241	-5.342	-10.096	-14.266	-17.712	-20.383	-22.298	-23.571	-24.412
3841	38.40	-25.098	-25.913	-27.061	-28.638	-30.590	-32.773	-35.010	-37.147	-39.085	-40.765
3851	38.50	-42.147	-43.199	-43.913	-44.349	-44.661	-45.081	-45.837	-47.025	-48.497	-49.818
3861	38.60	-50.330	-49.339	-46.335	-41.190	-34.233	-26.181	-17.943	-10.362	-4.006	0.938
3871	38.70	4.634	7.471	9.883	12.206	14.597	17.036	19.376	21.423	23.002	24.010
3881	38.80	24.449	24.442	24.239	24.193	24.697	26.095	28.562	32.021	36.100	40.192
3891	38.90	43.583	45.633	45.954	44.518	41.670	38.032	34.336	31.236	29.148	28.179
3901	39.00	28.146	28.684	29.397	30.006	30.433	30.802	31.343	32.241	33.486	34.782
3911	39.10	35.574	35.198	33.098	29.051	23.296	16.512	9.630	3.549	-1.141	-4.335
3921	39.20	-6.399	-7.990	-9.777	-12.175	-15.220	-18.600	-21.847	-24.569	-26.629	-28.175
3931	39.30	-29.523	-30.950	-32.511	-33.974	-34.917	-34.944	-33.922	-32.121	-30.176	-28.866
3941	39.40	-28.810	-30.186	-32.612	-35.242	-37.047	-37.182	-35.287	-31.627	-26.992	-22.433
3951	39.50	-18.911	-17.001	-16.749	-17.724	-19.216	-20.508	-21.104	-20.846	-19.886	-18.551
3961	39.60	-17.164	-15.900	-14.733	-13.475	-11.897	-9.863	-7.424	-4.822	-2.420	-0.565
3971	39.70	0.545	0.944	0.894	0.790	1.017	1.809	3.161	4.845	6.510	7.833
3981	39.80	8.661	9.076	9.364	9.883	10.893	12.416	14.180	15.696	16.432	16.019
3991	39.90	14.428	12.016	9.441	7.454	6.652	7.284	9.177	11.827	14.599	16.982

Table 7-55-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1247 1322-GR-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	18.764	20.093	21.363	23.000	25.226	27.908	30.561	32.510	33.148	32.176
4011	40.10	29.728	26.309	22.602	19.195	16.380	14.101	12.081	10.048	7.959	6.086
4021	40.20	4.909	4.858	6.028	8.010	9.964	10.907	10.133	7.556	3.817	0.078
4031	40.30	-2.437	-2.954	-1.500	1.077	3.438	4.299	2.960	-0.408	-4.849	-9.028
4041	40.40	-11.775	-12.541	-11.561	-9.686	-7.982	-7.277	-7.870	-9.495	-11.529	-13.314
4051	40.50	-14.431	-14.821	-14.721	-14.490	-14.435	-14.722	-15.388	-16.416	-17.797	-19.517
4061	40.60	-21.494	-23.508	-25.193	-26.134	-26.023	-24.811	-22.741	-20.255	-17.785	-15.544
4071	40.70	-13.442	-11.170	-8.432	-5.208	-1.893	0.782	2.030	1.386	-1.014	-4.386
4081	40.80	-7.531	-9.267	-8.873	-6.356	-2.430	1.774	5.133	6.923	7.001	5.759
4091	40.90	3.896	2.133	1.012	0.820	1.633	3.399	5.981	9.148	12.532	15.631
4101	41.00	17.907	18.968	18.754	17.633	16.306	15.548	15.866	17.234	19.045	20.319
4111	41.10	20.117	17.962	14.106	9.495	5.443	3.133	3.171	5.362	8.812	12.305
4121	41.20	14.789	15.773	15.469	14.638	14.221	14.917	16.890	19.707	22.533	24.467
4131	41.30	24.896	23.698	21.252	18.238	15.345	12.998	11.211	9.629	7.726	5.081
4141	41.40	1.614	-2.307	-5.942	-8.415	-9.028	-7.536	-4.287	-0.158	3.694	6.181
4151	41.50	6.621	4.936	1.642	-2.348	-6.060	-8.769	-10.204	-10.562	-10.355	-10.154
4161	41.60	-10.366	-11.104	-12.219	-13.433	-14.518	-15.410	-16.229	-17.185	-18.440	-20.005
4171	41.70	-21.719	-23.322	-24.596	-25.480	-26.112	-26.764	-27.707	-29.056	-30.685	-32.249
4181	41.80	-33.298	-33.451	-32.539	-30.664	-28.145	-25.381	-22.701	-20.248	-17.959	-15.638
4191	41.90	-13.076	-10.176	-7.012	-3.802	-0.817	1.745	3.842	5.611	7.299	9.132
4201	42.00	11.188	13.317	15.162	16.274	16.292	15.109	12.961	10.384	8.055	6.559
4211	42.10	6.171	6.754	7.803	8.646	8.707	7.749	5.978	3.969	2.448	2.001
4221	42.20	2.842	4.729	7.058	9.104	10.293	10.400	9.600	8.339	7.112	6.232
4231	42.30	5.694	5.197	4.295	2.624	0.100	-3.002	-6.104	-8.512	-9.663	-9.221
4241	42.40	-7.369	-4.565	-1.482	1.219	3.085	3.984	4.113	3.888	3.780	4.134
4251	42.50	5.047	6.345	7.656	8.571	8.817	8.381	7.536	6.753	6.522	7.166
4261	42.60	8.694	10.796	12.932	14.530	15.190	14.813	13.614	12.010	10.436	9.172
4271	42.70	8.251	7.485	6.588	5.336	3.694	1.844	0.105	-1.204	-1.902	-2.027
4281	42.80	-1.807	-1.561	-1.569	-1.975	-2.769	-3.840	-5.075	-6.427	-7.937	-9.669
4291	42.90	-11.629	-13.683	-15.560	-16.931	-17.539	-17.322	-16.457	-15.303	-14.253	-13.572
4301	43.00	-13.294	-13.231	-13.093	-12.663	-11.928	-11.108	-10.540	-10.492	-10.979	-11.704
4311	43.10	-12.154	-11.831	-10.513	-8.415	-6.155	-4.527	-4.151	-5.166	-7.102	-9.000
4321	43.20	-9.752	-8.521	-5.075	0.102	5.972	11.303	15.080	16.810	16.608	15.058
4331	43.30	12.932	10.892	9.308	8.226	7.491	6.930	6.489	6.286	6.536	7.419
4341	43.40	8.946	10.894	12.843	14.291	14.824	14.257	12.718	10.640	8.652	7.408
4351	43.50	7.383	8.708	11.086	13.847	16.127	17.152	16.518	14.373	11.418	8.693
4361	43.60	7.212	7.574	9.705	12.850	15.840	17.527	17.243	15.062	11.778	8.575
4371	43.70	6.541	6.222	7.401	9.205	10.489	10.324	8.394	5.118	1.460	-1.484
4381	43.80	-2.948	-2.802	-1.583	-0.256	0.197	-0.836	-3.369	-6.847	-10.385	-13.120
4391	43.90	-14.523	-14.553	-13.627	-12.421	-11.613	-11.653	-12.644	-14.350	-16.321	-18.055
4401	44.00	-19.166	-19.486	-19.087	-18.234	-17.284	-16.566	-16.287	-16.470	-16.967	-17.507
4411	44.10	-17.781	-17.534	-16.617	-15.004	-12.777	-10.082	-7.096	-4.009	-1.019	1.662
4421	44.20	3.823	5.291	5.980	5.931	5.323	4.428	3.539	2.884	2.580	2.628
4431	44.30	2.972	3.569	4.440	5.669	7.348	9.483	11.930	14.393	16.495	17.903
4441	44.40	18.455	18.226	17.504	16.677	16.085	15.893	16.046	16.318	16.430	16.180
4451	44.50	15.524	14.577	13.530	12.537	11.618	10.636	9.360	7.582	5.247	2.517
4461	44.60	-0.248	-2.617	-4.255	-5.075	-5.303	-5.417	-5.985	-7.444	-9.920	-13.161
4471	44.70	-16.615	-19.631	-21.696	-22.621	-22.580	-22.004	-21.362	-20.939	-20.721	-20.430
4481	44.80	-19.713	-18.373	-16.540	-14.675	-13.393	-13.175	-14.102	-15.745	-17.278	-17.778
4491	44.90	-16.595	-13.626	-9.368	-4.737	-0.718	1.996	3.213	3.234	2.636	1.969

Table 7-55-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1247 1322-GR-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	1.507	1.165	0.619	-0.461	-2.169	-4.251	-6.159	-7.261	-7.111	-5.640
4511	45.10	-3.215	-0.514	1.701	2.852	2.724	1.522	-0.219	-1.830	-2.729	-2.603
4521	45.20	-1.490	0.252	2.084	3.476	4.085	3.862	3.048	2.051	1.274	0.937
4531	45.30	0.990	1.157	1.078	0.513	-0.511	-1.676	-2.491	-2.509	-1.538	0.249
4541	45.40	2.369	4.226	5.369	5.681	5.429	5.138	5.359	6.431	8.358	10.822
4551	45.50	13.346	15.495	17.034	17.984	18.558	19.032	19.617	20.385	21.261	22.056
4561	45.60	22.511	22.352	21.312	19.198	15.986	11.913	7.541	3.701	1.313	1.097
4571	45.70	3.293	7.487	12.669	17.507	20.770	21.727	20.377	17.399	13.858	10.782
4581	45.80	8.790	7.922	7.717	7.495	6.689	5.078	2.836	0.383	-1.861	-3.693
4591	45.90	-5.206	-6.701	-8.490	-10.687	-13.103	-15.293	-16.737	-17.072	-16.266	-14.659
4601	46.00	-12.859	-11.532	-11.180	-11.989	-13.799	-16.191	-18.637	-20.662	-21.942	-22.340
4611	46.10	-21.876	-20.677	-18.938	-16.902	-14.857	-13.115	-11.961	-11.569	-11.919	-12.750
4621	46.20	-13.604	-13.947	-13.347	-11.645	-9.031	-5.998	-3.170	-1.069	0.088	0.473
4631	46.30	0.577	1.006	2.227	4.366	7.151	10.010	12.285	13.478	13.419	12.293
4641	46.40	10.533	8.626	6.932	5.576	4.473	3.437	2.337	1.205	0.256	-0.195
4651	46.50	0.132	1.334	3.253	5.492	7.529	8.881	9.264	8.682	7.427	5.975
4661	46.60	4.820	4.300	4.483	5.135	5.810	6.007	5.355	3.746	1.370	-1.361
4671	46.70	-3.969	-6.095	-7.612	-8.646	-9.481	-10.388	-11.477	-12.606	-13.427	-13.523
4681	46.80	-12.597	-10.629	-7.922	-5.023	-2.547	-0.959	-0.406	-0.668	-1.233	-1.484
4691	46.90	-0.922	0.650	3.049	5.763	8.121	9.515	9.604	8.417	6.336	3.942
4701	47.00	1.809	0.295	-0.553	-0.974	-1.331	-1.909	-2.736	-3.535	-3.820	-3.106
4711	47.10	-1.139	1.951	5.653	9.252	11.976	13.435	13.550	12.629	11.197	9.783
4721	47.20	8.750	8.214	8.072	8.096	8.044	7.728	7.039	5.951	4.516	2.879
4731	47.30	1.293	0.098	-0.355	0.162	1.637	3.744	5.910	7.487	7.986	7.273
4741	47.40	5.627	3.637	1.960	1.062	1.045	1.636	2.345	2.695	2.427	1.574
4751	47.50	0.397	-0.790	-1.793	-2.622	-3.459	-4.528	-5.948	-7.657	-9.433	-11.000
4761	47.60	-12.151	-12.826	-13.096	-13.078	-12.840	-12.353	-11.520	-10.279	-8.706	-7.058
4771	47.70	-5.726	-5.104	-5.429	-6.681	-8.568	-10.632	-12.404	-13.563	-14.015	-13.887
4781	47.80	-13.434	-12.918	-12.497	-12.182	-11.848	-11.310	-10.399	-9.044	-7.310	-5.395
4791	47.90	-3.585	-2.183	-1.417	-1.361	-1.897	-2.725	-3.441	-3.656	-3.109	-1.757
4801	48.00	0.229	2.530	4.797	6.773	8.363	9.631	10.733	11.824	12.977	14.158
4811	48.10	15.247	16.099	16.590	16.651	16.255	15.396	14.072	12.296	10.119	7.657
4821	48.20	5.091	2.636	0.485	-1.249	-2.545	-3.454	-4.042	-4.345	-4.356	-4.065
4831	48.30	-3.526	-2.909	-2.495	-2.591	-3.394	-4.662	-6.662	-8.231	-8.948	-8.362
4841	48.40	-6.369	-3.285	0.235	3.400	5.529	6.261	5.644	4.099	2.263	0.802
4851	48.50	0.230	0.788	2.411	4.758	7.295	9.418	10.591	10.482	9.068	6.678
4861	48.60	3.937	1.609	0.373	0.607	2.250	4.822	7.584	9.808	11.035	11.227
4871	48.70	10.740	10.144	9.946	10.371	11.257	12.141	12.475	11.869	10.277	8.014
4881	48.80	5.637	3.734	2.710	2.670	3.415	4.542	5.581	6.124	5.901	4.814
4891	48.90	2.937	0.522	-2.026	-4.197	-5.486	-5.555	-4.384	-2.360	-0.210	1.210
4901	49.00	1.230	-0.357	-3.157	-6.284	-8.675	-9.500	-8.503	-6.109	-3.270	-1.079
4911	49.10	-0.353	-1.323	-3.589	-6.320	-8.612	-9.837	-9.833	-8.880	-7.510	-6.244
4921	49.20	-5.401	-5.041	-5.033	-5.184	-5.345	-5.439	-5.434	-5.288	-4.941	-4.368
4931	49.30	-3.655	-3.030	-2.815	-3.276	-4.459	-6.086	-7.609	-8.410	-8.087	-6.666
4941	49.40	-4.640	-2.791	-1.848	-2.153	-3.484	-5.140	-6.256	-6.186	-4.826	-2.645
4951	49.50	-0.476	0.871	0.976	-0.011	-1.465	-2.601	-2.846	-2.098	-0.743	0.556
4961	49.60	1.193	0.905	-0.124	-1.377	-2.265	-2.396	-1.735	-0.571	0.653	1.556
4971	49.70	1.973	1.980	1.793	1.629	1.595	1.677	1.802	1.929	2.106	2.436
4981	49.80	2.995	3.735	4.457	4.866	4.700	3.865	2.501	0.945	-0.400	-1.219
4991	49.90	-1.398	-1.035	-0.369	0.347	0.946	1.372	1.643	1.771	1.709	1.356

Table 7--55-11

TABLE OF CORRECTED ACCELERATION RECORD

NO.11

INDEX NO. 1247 1322-GR-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.616	-0.516	-1.912	-3.343	-4.572	-5.469	-6.080	-6.618	-7.350	-8.457
5011	50.10	-9.914	-11.463	-12.684	-13.149	-12.573	-10.918	-8.406	-5.437	-2.467	0.105
5021	50.20	2.016	3.155	3.545	3.299	2.590	1.608	0.542	-0.462	-1.326	-2.053
5031	50.30	-2.710	-3.381	-4.111	-4.864	-5.522	-5.928	-5.955	-5.568	-4.840	-3.914
5041	50.40	-2.945	-2.029	-1.184	-0.382	0.393	1.088	1.583	1.739	1.488	0.898
5051	50.50	0.184	-0.367	-0.514	-0.176	0.531	1.348	2.000	2.336	2.401	2.403
5061	50.60	2.600	3.144	3.995	4.922	5.624	5.890	5.714	5.320	5.057	5.227
5071	50.70	5.935	7.035	8.196	9.078	9.498	9.531	9.469	9.672	10.369	11.518
5081	50.80	12.790	13.701	13.824	13.003	11.456	9.739	8.558	8.516	9.886	12.500
5091	50.90	15.783	18.936	21.180	21.994	21.263	19.291	16.683	14.140	12.238	11.264
5101	51.00	11.156	11.569	12.023	12.096	11.573	10.499	9.143	7.854	6.913	6.406
5111	51.10	6.190	5.948	5.316	4.022	1.987	-0.644	-3.544	-6.304	-8.542	-9.997
5121	51.20	-10.587	-10.426	-9.794	-9.085	-8.710	-8.996	-10.088	-11.891	-14.078	-16.180
5131	51.30	-17.743	-18.438	-18.426	-17.858	-17.259	-17.083	-17.560	-18.589	-19.766	-20.543
5141	51.40	-20.453	-19.310	-17.278	-14.802	-12.415	-10.530	-9.291	-8.562	-8.044	-7.445
5151	51.50	-6.643	-5.736	-4.981	-4.645	-4.860	-5.532	-6.374	-7.020	-7.178	-6.749
5161	51.60	-5.869	-4.751	-3.752	-3.052	-2.675	-2.472	-2.196	-1.604	-0.554	0.942
5171	51.70	2.720	4.509	6.008	6.963	7.238	6.851	5.983	4.940	4.085	3.736
5181	51.80	4.070	5.058	6.458	7.880	8.907	9.228	8.745	7.606	6.156	4.816
5191	51.90	3.945	3.735	4.168	5.052	6.113	7.101	7.858	8.346	8.605	8.697
5201	52.00	8.655	8.464	8.091	7.529	6.848	6.202	5.798	5.817	6.336	7.272
5211	52.10	8.379	9.305	9.697	9.304	8.056	6.087	3.688	1.219	-0.992	-2.731
5221	52.20	-3.933	-4.665	-5.069	-5.305	-5.495	-5.704	-5.952	-6.234	-6.546	-6.884
5231	52.30	-7.236	-7.567	-7.811	-7.896	-7.779	-7.496	-7.176	-7.022	-7.238	-7.938
5241	52.40	-9.067	-10.376	-11.484	-11.997	-11.654	-10.443	-8.623	-6.638	-4.962	-3.921
5251	52.50	-3.574	-3.711	-3.958	-3.957	-3.535	-2.781	-2.008	-1.608	-1.866	-2.823
5261	52.60	-4.250	-5.737	-6.867	-7.381	-7.271	-6.747	-6.120	-5.637	-5.365	-5.172
5271	52.70	-4.801	-4.014	-2.721	-1.030	0.781	2.375	3.483	3.996	3.977	3.619
5281	52.80	3.153	2.778	2.613	2.701	3.027	3.547	4.196	4.887	5.515	5.970
5291	52.90	6.177	6.131	5.916	5.677	5.570	5.700	6.075	6.618	7.212	7.769
5301	53.00	8.276	8.795	9.405	10.130	10.881	11.463	11.632	11.202	10.125	8.526
5311	53.10	6.657	4.804	3.185	1.897	0.922	0.187	-0.364	-0.734	-0.886	-0.801
5321	53.20	-0.555	-0.316	-0.310	-0.717	-1.574	-2.723	-3.853	-4.610	-4.745	-4.216
5331	53.30	-3.208	-2.054	-1.104	-0.583	-0.521	-0.768	-1.082	-1.239	-1.118	-0.720
5341	53.40	-0.131	0.542	1.228	1.894	2.518	3.044	3.360	3.326	2.839	1.910
5351	53.50	0.698	-0.507	-1.379	-1.671	-1.323	-0.469	0.509	1.306	1.629	1.402
5361	53.60	0.763	-0.006	-0.612	-0.887	-0.869	-0.790	-0.974	-1.686	-2.995	-4.703
5371	53.70	-6.393	-7.567	-7.830	-7.051	-5.430	-3.440	-1.665	-0.590	-0.427	-1.048
5381	53.80	-2.036	-2.858	-3.067	-2.463	-1.160	0.471	1.953	2.874	3.020	2.422
5391	53.90	1.313	0.024	-1.130	-1.937	-2.311	-2.276	-1.920	-1.347	-0.651	0.092
5401	54.00	0.826	1.512	2.120	2.633	3.031	3.281	3.324	3.083	2.493	1.551
5411	54.10	0.348	-0.912	-1.961	-2.543	-2.512	-1.901	-0.926	0.084	0.807	1.048
5421	54.20	0.814	0.304	-0.184	-0.372	-0.126	0.499	1.286	1.943	2.220	2.001
5431	54.30	1.336	0.420	-0.479	-1.098	-1.250	-0.869	-0.022	1.104	2.232	3.061
5441	54.40	3.333	2.915	1.851	0.371	-1.160	-2.352	-2.919	-2.776	-2.071	-1.125
5451	54.50	-0.304	0.117	0.056	-0.364	-0.885	-1.232	-1.226	-0.842	-0.179	0.593
5461	54.60	1.319	1.906	2.319	2.554	2.604	2.453	2.108	1.636	1.171	0.876
5471	54.70	0.852	1.056	1.276	1.198	0.556	-0.710	-2.351	-3.861	-4.656	-4.326
5481	54.80	-2.854	-0.664	1.514	2.932	3.147	2.212	0.660	-0.734	-1.291	-0.729
5491	54.90	0.719	2.429	3.675	3.958	3.213	1.813	0.374	-0.528	-0.596	0.112

Table 7-55-12

TABLE OF CORRECTED ACCELERATION RECORD

NO.12

INDEX NO. 1247 1322-GR-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	1.269	2.478	3.465	4.155	4.621	4.951	5.126	5.004	4.414	3.325
5511	55.10	1.961	0.787	0.346	0.995	2.691	4.921	6.852	7.638	6.761	4.254
5521	55.20	0.698	-2.997	-5.940	-7.582	-7.875	-7.217	-6.230	-5.478	-5.260	-5.548
5531	55.30	-6.083	-6.544	-6.715	-6.558	-6.185	-5.764	-5.420	-5.183	-5.005	-4.810
5541	55.40	-4.546	-4.204	-3.793	-3.312	-2.737	-2.049	-1.288	-0.589	-0.173	-0.269
5551	55.50	-1.005	-2.311	-3.898	-5.338	-6.216	-6.296	-5.624	-4.515	-3.428	-2.785
5561	55.60	-2.806	-3.435	-4.381	-5.253	-5.711	-5.579	-4.875	-3.757	-2.444	-1.133
5571	55.70	0.026	0.917	1.429	1.454	0.919	-0.150	-1.580	-3.054	-4.193	-4.683
5581	55.80	-4.406	-3.497	-2.307	-1.270	-0.726	-0.781	-1.265	-1.804	-1.984	-1.514
5591	55.90	-0.339	1.357	3.250	5.018	6.461	7.551	8.389	9.105	9.765	10.322
5601	56.00	10.649	10.616	10.180	9.428	8.546	7.745	7.163	6.814	6.602	6.395
5611	56.10	6.118	5.812	5.629	5.740	6.230	7.005	7.783	8.190	7.903	6.815
5621	56.20	5.110	3.237	1.764	1.171	1.668	3.107	5.026	6.809	7.906	8.018
5631	56.30	7.186	5.745	4.179	2.928	2.230	2.053	2.143	2.152	1.793	0.956
5641	56.40	-0.258	-1.593	-2.752	-3.518	-3.824	-3.760	-3.513	-3.279	-3.193	-3.298
5651	56.50	-3.567	-3.953	-4.429	-4.998	-5.665	-6.385	-7.035	-7.427	-7.368	-6.756
5661	56.60	-5.649	-4.281	-3.008	-2.188	-2.060	-2.655	-3.794	-5.161	-6.416	-7.311
5671	56.70	-7.740	-7.742	-7.432	-6.942	-6.370	-5.783	-5.237	-4.801	-4.544	-4.495
5681	56.80	-4.596	-4.681	-4.514	-3.884	-2.714	-1.132	0.545	1.922	2.687	2.749
5691	56.90	2.290	1.684	1.337	1.493	2.137	3.005	3.733	4.057	3.963	3.711
5701	57.00	3.718	4.345	5.693	7.516	9.286	10.409	10.466	9.395	7.518	5.397
5711	57.10	3.600	2.478	2.043	2.015	1.987	1.636	0.873	-0.133	-1.058	-1.602
5721	57.20	-1.637	-1.285	-0.854	-0.704	-1.084	-2.023	-3.329	-4.665	-5.692	-6.187
5731	57.30	-6.111	-5.596	-4.878	-4.209	-3.791	-3.739	-4.078	-4.744	-5.694	-6.715
5741	57.40	-7.644	-8.293	-8.520	-8.289	-7.701	-6.991	-6.453	-6.330	-6.708	-7.449
5751	57.50	-8.221	-8.609	-8.287	-7.155	-5.413	-3.501	-1.944	-1.151	-1.253	-2.050
5761	57.60	-3.090	-3.858	-3.980	-3.376	-2.282	-1.137	-0.396	-0.327	-0.905	-1.824
5771	57.70	-2.831	-2.917	-2.474	-1.371	0.100	1.558	2.700	3.418	3.830	4.205
5781	57.80	4.835	5.899	7.383	9.082	10.684	11.879	12.479	12.471	12.012	11.368
5791	57.90	10.813	10.540	10.611	10.949	11.385	11.727	11.835	11.666	11.278	10.796
5801	58.00	10.347	10.004	9.752	9.497	9.119	8.536	7.755	6.886	6.096	5.544
5811	58.10	5.303	5.329	5.476	5.564	5.459	5.128	4.834	4.084	3.539	2.958
5821	58.20	2.198	1.083	-0.478	-2.400	-4.393	-6.063	-6.963	-6.965	-6.168	-4.994
5831	58.30	-4.032	-3.830	-4.686	-6.540	-8.993	-11.454	-13.357	-14.346	-14.373	-13.668
5841	58.40	-12.609	-11.550	-10.695	-10.042	-9.429	-8.646	-7.551	-6.148	-4.594	-3.136
5851	58.50	-2.012	-1.353	-1.129	-1.156	-1.165	-0.894	-0.188	0.948	2.341	3.715
5861	58.60	4.785	5.357	5.399	5.046	4.547	4.161	4.065	4.285	4.711	5.155
5871	58.70	5.455	5.550	5.503	5.457	5.539	5.779	6.063	6.175	5.891	5.093
5881	58.80	3.837	2.347	0.930	-0.155	-0.800	-1.081	-1.209	-1.422	-1.871	-2.563
5891	58.90	-3.385	-4.184	-4.858	-5.415	-5.942	-6.532	-7.186	-7.768	-8.043	-7.780
5901	59.00	-6.885	-5.486	-3.920	-2.627	-1.982	-2.150	-3.029	-4.294	-5.544	-6.464
5911	59.10	-6.933	-7.051	-7.051	-7.179	-7.566	-8.177	-8.841	-9.336	-9.490	-9.246
5921	59.20	-8.668	-7.893	-7.060	-6.245	-5.443	-4.588	-3.594	-2.411	-1.055	0.387
5931	59.30	1.775	2.961	3.833	4.354	4.595	4.720	4.957	5.518	6.521	7.922
5941	59.40	9.497	10.902	11.783	11.914	11.302	10.203	9.039	8.242	8.082	8.565
5951	59.50	9.430	10.272	10.713	10.558	9.864	8.889	7.948	7.283	6.859	6.572
5961	59.60	6.156	5.428	4.374	3.171	2.107	1.433	1.242	1.411	1.649	1.616
5971	59.70	1.067	-0.055	-1.603	-3.285	-4.770	-5.786	-6.175	-5.911	-5.083	-3.868
5981	59.80	-2.516	-1.320	-0.575	-0.515	-1.227	-2.597	-4.311	-5.939	-7.080	-7.513
5991	59.90	-7.295	-6.739	-6.288	-6.315	-6.955	-8.029	-9.111	-9.702	-9.447	-8.277

Table 7-55-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1247 1322-GR-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-6.437	-4.367	-2.510	-1.134	-0.243	0.378	1.022	1.889	2.973	4.062
6011	60.10	4.836	5.029	4.555	3.561	2.369	1.350	0.779	0.749	1.160	1.789
6021	60.20	2.394	2.806	2.979	2.966	2.869	2.772	2.701	2.616	2.443	2.117
6031	60.30	1.618	0.997	0.359	-0.157	-0.428	-0.384	-0.039	0.501	1.068	1.478
6041	60.40	1.601	1.418	1.038	0.674	0.563	0.867	1.590	2.548	3.428	3.890
6051	60.50	3.706	2.855	1.543	0.126	-1.018	-1.633	-1.668	-1.277	-0.735	-0.308
6061	60.60	-0.144	-0.226	-0.406	-0.486	-0.323	0.121	0.773	1.500	2.182	2.749
6071	60.70	3.192	3.514	3.690	3.634	3.223	2.354	1.020	-0.655	-2.425	-3.994
6081	60.80	-5.119	-5.692	-5.783	-5.599	-5.397	-5.379	-5.611	-6.001	-6.342	-6.399
6091	60.90	-6.002	-5.107	-3.813	-2.321	-0.866	0.350	1.214	1.709	1.904	1.914
6101	61.00	1.867	1.870	1.994	2.273	2.702	3.239	3.897	4.305	4.626	4.687
6111	61.10	4.456	3.977	3.362	2.763	2.314	2.079	2.014	1.981	1.799	1.330
6121	61.20	0.554	-0.396	-1.261	-1.746	-1.634	-0.881	0.347	1.724	2.872	3.491
6131	61.30	3.456	2.841	1.869	0.806	-0.139	-0.884	-1.476	-2.040	-2.699	-3.523
6141	61.40	-4.498	-5.546	-6.562	-7.446	-8.118	-8.517	-8.596	-8.333	-7.750	-6.960
6151	61.50	-6.072	-5.356	-4.974	-5.015	-5.419	-5.995	-6.489	-6.685	-6.497	-5.998
6161	61.60	-5.383	-4.868	-4.589	-4.534	-4.554	-4.430	-3.980	-3.132	-1.951	-0.593
6171	61.70	0.769	2.023	3.151	4.214	5.294	6.443	7.644	8.817	9.843	10.602
6181	61.80	10.991	10.937	10.397	9.375	7.937	6.230	4.475	2.926	1.791	1.156
6191	61.90	0.939	0.918	0.815	0.420	-0.318	-1.266	-2.170	-2.781	-2.971	-2.794
6201	62.00	-2.450	-2.181	-2.142	-2.331	-2.602	-2.758	-2.665	-2.334	-1.906	-1.567
6211	62.10	-1.424	-1.434	-1.410	-1.131	-0.476	0.474	1.439	2.059	2.059	1.396
6221	62.20	0.301	-0.815	-1.537	-1.633	-1.149	-0.377	0.292	0.552	0.317	-0.263
6231	62.30	-0.888	-1.270	-1.251	-0.859	-0.249	0.396	0.971	1.477	1.981	2.531
6241	62.40	3.086	3.515	3.657	3.429	2.898	2.284	1.874	1.897	2.410	3.274
6251	62.50	4.219	4.976	5.399	5.530	5.552	5.684	6.054	6.630	7.242	7.675
6261	62.60	7.787	7.583	7.203	6.833	6.593	6.470	6.315	5.965	5.251	4.292
6271	62.70	3.296	2.566	2.344	2.686	3.426	4.234	4.748	4.725	4.127	3.121
6281	62.80	1.990	1.009	0.336	-0.028	-0.207	-0.371	-0.654	-1.111	-1.716	-2.413
6291	62.90	-3.138	-3.867	-4.594	-5.311	-5.974	-6.507	-6.815	-6.829	-6.535	-5.995
6301	63.00	-5.326	-4.673	-4.167	-3.899	-3.907	-4.175	-4.643	-5.226	-5.826	-6.354
6311	63.10	-6.758	-7.028	-7.205	-7.351	-7.504	-7.644	-7.670	-7.424	-6.765	-5.644
6321	63.20	-4.165	-2.588	-1.256	-0.471	-0.376	-0.891	-1.737	-2.546	-3.007	-2.980
6331	63.30	-2.537	-1.894	-1.290	-0.858	-0.568	-0.257	0.260	1.066	2.065	3.005
6341	63.40	3.581	3.579	2.985	1.999	0.953	0.162	-0.207	-0.198	-0.023	0.055
6351	63.50	-0.140	-0.615	-1.204	-1.663	-1.782	-1.485	-0.846	-0.043	0.765	1.410
6361	63.60	1.949	2.424	2.890	3.328	3.635	3.669	3.330	2.634	1.731	0.862
6371	63.70	0.266	0.084	0.312	0.816	1.403	1.919	2.299	2.583	2.859	3.195
6381	63.80	3.588	3.954	4.177	4.175	3.952	3.609	3.294	3.133	3.160	3.297
6391	63.90	3.389	3.271	2.856	2.175	1.374	0.655	0.200	0.100	0.334	0.785
6401	64.00	1.295	1.726	2.004	2.123	2.133	2.096	2.056	2.015	1.936	1.759
6411	64.10	1.427	0.920	0.269	-0.435	-1.055	-1.443	-1.486	-1.153	-0.523	0.227
6421	64.20	0.867	1.190	1.092	0.616	-0.058	-0.682	-1.035	-1.018	-0.699	-0.285
6431	64.30	-0.037	-0.162	-0.728	-1.639	-2.688	-3.649	-4.370	-4.830	-5.124	-5.396
6441	64.40	-5.753	-6.205	-6.665	-6.989	-7.063	-6.861	-6.463	-6.020	-5.685	-5.547
6451	64.50	-5.598	-5.747	-5.872	-5.876	-5.725	-5.443	-5.083	-4.693	-4.298	-3.908
6461	64.60	-3.543	-3.261	-3.148	-3.281	-3.680	-4.265	-4.864	-5.271	-5.334	-5.031
6471	64.70	-4.502	-3.999	-3.777	-3.974	-4.534	-5.208	-5.657	-5.598	-4.940	-3.840
6481	64.80	-2.655	-1.796	-1.563	-2.009	-2.923	-3.915	-4.578	-4.660	-4.158	-3.303
6491	64.90	-2.447	-1.896	-1.780	-1.993	-2.252	-2.219	-1.645	-0.465	1.193	3.070

Table 7-55-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1247 1322-GR-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	4.890	6.453	7.679	8.587	9.243	9.697	9.956	10.006	9.852	9.565
6511	65.10	9.284	9.177	9.374	9.899	10.645	11.399	11.920	12.023	11.646	10.864
6521	65.20	9.850	8.806	7.888	7.161	6.600	6.117	5.614	5.029	4.357	3.652
6531	65.30	3.008	2.531	2.307	2.378	2.719	3.230	3.750	4.089	4.078	3.627
6541	65.40	2.759	1.620	0.436	-0.552	-1.165	-1.337	-1.122	-0.661	-0.120	0.363
6551	65.50	0.711	0.899	0.936	0.836	0.612	0.295	-0.056	-0.341	-0.454	-0.325
6561	65.60	0.026	0.475	0.829	0.901	0.601	-0.013	-0.749	-1.360	-1.660	-1.608
6571	65.70	-1.326	-1.034	-0.930	-1.082	-1.375	-1.568	-1.413	-0.792	0.203	1.291
6581	65.80	2.125	2.444	2.202	1.581	0.906	0.479	0.432	0.657	0.858	0.700
6591	65.90	-0.018	-1.249	-2.696	-3.930	-4.558	-4.384	-3.477	-2.124	-0.704	0.467
6601	66.00	1.247	1.683	1.945	2.221	2.609	3.080	3.500	3.704	3.578	3.108
6611	66.10	2.381	1.543	0.738	0.061	-0.465	-0.873	-1.223	-1.568	-1.933	-2.307
6621	66.20	-2.654	-2.924	-3.066	-3.044	-2.847	-2.505	-2.083	-1.679	-1.393	-1.295
6631	66.30	-1.397	-1.636	-1.898	-2.055	-2.025	-1.800	-1.464	-1.151	-0.990	-1.052
6641	66.40	-1.316	-1.687	-2.046	-2.312	-2.486	-2.650	-2.923	-3.393	-4.059	-4.817
6651	66.50	-5.501	-5.952	-6.096	-5.977	-5.739	-5.548	-5.507	-5.591	-5.659	-5.516
6661	66.60	-5.025	-4.195	-3.208	-2.367	-1.968	-2.166	-2.882	-3.824	-4.568	-4.731
6671	66.70	-4.112	-2.774	-1.011	0.763	2.179	3.045	3.388	3.418	3.409	3.577
6681	66.80	3.990	4.562	5.114	5.469	5.541	5.362	5.065	4.816	4.736	4.854
6691	66.90	5.105	5.356	5.463	5.317	4.866	4.120	3.144	2.043	0.951	0.016
6701	67.00	-0.616	-0.845	-0.649	-0.117	0.557	1.115	1.315	1.012	0.225	-0.867
6711	67.10	-1.979	-2.826	-3.232	-3.201	-2.923	-2.695	-2.808	-3.425	-4.503	-5.799
6721	67.20	-6.953	-7.611	-7.558	-6.801	-5.563	-4.214	-3.138	-2.601	-2.666	-3.179
6731	67.30	-3.837	-4.302	-4.333	-3.867	-3.036	-2.104	-1.358	-0.990	-1.016	-1.271
6741	67.40	-1.478	-1.354	-0.731	0.376	1.769	3.136	4.170	4.674	4.629	4.192
6751	67.50	3.622	3.181	3.035	3.202	3.559	3.903	4.036	3.839	3.318	2.590
6761	67.60	1.843	1.276	1.039	1.206	1.760	2.611	3.610	4.583	5.350	5.758
6771	67.70	5.713	5.209	4.346	3.313	2.352	1.684	1.433	1.580	1.951	2.276
6781	67.80	2.282	1.798	0.830	-0.430	-1.670	-2.571	-2.931	-2.742	-2.196	-1.611
6791	67.90	-1.305	-1.479	-2.143	-3.123	-4.142	-4.935	-5.351	-5.400	-5.231	-5.048
6801	68.00	-5.022	-5.215	-5.567	-5.939	-6.181	-6.204	-6.008	-5.673	-5.304	-4.978
6811	68.10	-4.705	-4.428	-4.058	-3.522	-2.810	-1.989	-1.188	-0.567	-0.261	-0.353
6821	68.20	-0.844	-1.656	-2.640	-3.602	-4.331	-4.644	-4.425	-3.664	-2.466	-1.041
6831	68.30	0.354	1.482	2.201	2.501	2.506	2.418	2.433	2.669	3.118	3.662
6841	68.40	4.124	4.351	4.283	3.983	3.616	3.386	3.469	3.943	4.767	5.794
6851	68.50	6.815	7.616	8.037	8.012	7.577	6.872	6.095	5.463	5.147	5.221
6861	68.60	5.642	6.256	6.855	7.253	7.361	7.227	7.018	6.946	7.165	7.689
6871	68.70	8.361	8.909	9.054	8.635	7.695	6.473	5.315	4.534	4.272	4.439
6881	68.80	4.758	4.885	4.566	3.747	2.598	1.437	0.582	0.223	0.345	0.756
6891	68.90	1.190	1.431	1.407	1.199	0.970	0.862	0.905	0.991	0.927	0.531
6901	69.00	-0.271	-1.405	-2.675	-3.850	-4.765	-5.382	-5.782	-6.111	-6.488	-6.944
6911	69.10	-7.409	-7.759	-7.894	-7.798	-7.562	-7.343	-7.294	-7.489	-7.889	-8.353
6921	69.20	-8.692	-8.742	-8.416	-7.721	-6.741	-5.605	-4.453	-3.412	-2.592	-2.077
6931	69.30	-1.917	-2.109	-2.584	-3.213	-3.838	-4.326	-4.618	-4.744	-4.810	-4.928
6941	69.40	-5.153	-5.431	-5.616	-5.528	-5.045	-4.178	-3.089	-2.042	-1.298	-1.009
6951	69.50	-1.155	-1.556	-1.951	-2.108	-1.919	-1.428	-0.798	-0.220	0.173	0.355
6961	69.60	0.399	0.428	0.544	0.787	1.136	1.541	1.970	2.435	2.981	3.652
6971	69.70	4.443	5.281	6.045	6.607	6.892	6.905	6.726	6.471	6.239	6.082
6981	69.80	6.000	5.966	5.959	5.982	6.048	6.150	6.227	6.167	5.840	5.166
6991	69.90	4.171	3.010	1.930	1.178	0.909	1.122	1.652	2.247	2.661	2.749

Table 7-55-15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1247 1322-GR-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -220.868 (GAL) T= 15.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	2.502	2.017	1.419	0.782	0.085	-0.762	-1.859	-3.226	-4.764	-6.268
7011	70.10	-7.503	-8.295	-8.602	-8.527	-8.261	-7.991	-7.820	-7.729	-7.607	-7.322
7021	70.20	-6.808	-6.106	-5.358	-4.736	-4.371	-4.281	-4.370	-4.472	-4.421	-4.130
7031	70.30	-3.614	-2.974	-2.341	-1.812	-1.409	-1.080	-0.735	-0.302	0.244	0.866
7041	70.40	1.491	2.050	2.510	2.881	3.203	3.513	3.820	4.103	4.327	4.475
7051	70.50	4.565	4.651	4.794	5.021	5.295	5.509	5.524	5.325	4.576	3.650
7061	70.60	2.615	1.673	0.994	0.652	0.606	0.730	0.872	0.922	0.856	0.739
7071	70.70	0.681	0.782	1.077	1.514	1.972	2.306	2.407	2.265	1.883	1.455
7081	70.80	1.127	1.038	1.256	1.759	2.430	3.092	3.551	3.657	3.345	2.666
7091	70.90	1.765	0.844	0.082	-0.421	-0.689	-0.848	-1.073	-1.491	-2.116	-2.822
7101	71.00	-3.385	-3.582	-3.292	-2.571	-1.639	-0.803	-0.332	-0.344	-0.766	-1.374
7111	71.10	-1.901	-2.161	-2.132	-1.953	-1.845	-1.991	-2.445	-3.103	-3.760	-4.210
7121	71.20	-4.354	-4.239	-4.025	-3.901	-3.977	-4.230	-4.515	-4.639	-4.463	-3.974
7131	71.30	-3.295	-2.638	-2.211	-2.141	-2.435	-2.994	-3.665	-4.296	-4.771	-5.021
7141	71.40	-5.006	-4.708	-4.130	-3.315	-2.354	-1.378	-0.517	0.151	0.644	1.075
7151	71.50	1.604	2.352	3.329	4.398	5.321	5.856	5.867	5.398	4.676	4.024
7161	71.60	3.735	3.956	4.637	5.560	6.441	7.042	7.257	7.124	6.769	6.323
7171	71.70	5.848	5.320	4.664	3.826	2.834	1.817	0.962	0.439	0.321	0.546
7181	71.80	0.935	1.263	1.352	1.137	0.687	0.159	-0.273	-0.499	-0.520	-0.440
7191	71.90	-0.411	-0.565	-0.950	-1.506	-2.086	-2.516	-2.658	-2.465	-1.994	-1.378

Table 7-56-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1248 1322-BK-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-3.405	-5.065	-5.851	-5.843	-5.365	-4.832	-4.576	-4.724	-5.168	-5.655
11	0.10	-5.919	-5.823	-5.412	-4.885	-4.488	-4.391	-4.608	-4.998	-5.338	-5.432
21	0.20	-5.198	-4.697	-4.093	-3.564	-3.223	-3.081	-3.063	-3.067	-3.035	-2.977
31	0.30	-2.960	-3.058	-3.289	-3.590	-3.837	-3.903	-3.724	-3.341	-2.884	-2.517
41	0.40	-2.362	-2.443	-2.678	-2.926	-3.057	-3.013	-2.828	-2.595	-2.410	-2.310
51	0.50	-2.254	-2.155	-1.940	-1.614	-1.274	-1.079	-1.169	-1.587	-2.235	-2.904
61	0.60	-3.354	-3.422	-3.093	-2.512	-1.910	-1.502	-1.387	-1.510	-1.702	-1.775
71	0.70	-1.628	-1.308	-0.983	-0.860	-1.065	-1.568	-2.170	-2.587	-2.568	-2.016
81	0.80	-1.031	0.120	1.111	1.684	1.741	1.356	0.722	0.055	-0.494	-0.877
91	0.90	-1.122	-1.277	-1.349	-1.290	-1.025	-0.515	0.181	0.900	1.422	1.558
101	1.00	1.246	0.592	-0.161	-0.723	-0.881	-0.587	0.028	0.708	1.190	1.316
111	1.10	1.085	0.639	0.177	-0.143	-0.275	-0.286	-0.292	-0.372	-0.501	-0.549
121	1.20	-0.348	0.204	1.062	2.018	2.768	3.040	2.719	1.913	0.925	0.135
131	1.30	-0.154	0.165	0.968	1.960	2.801	3.237	3.180	2.701	1.966	1.136
141	1.40	0.310	-0.486	-1.249	-1.942	-2.460	-2.652	-2.391	-1.660	-0.588	0.570
151	1.50	1.523	2.056	2.115	1.820	1.402	1.089	1.004	1.122	1.302	1.373
161	1.60	1.243	0.947	0.638	0.509	0.687	1.159	1.764	2.255	2.405	2.104
171	1.70	1.412	0.535	-0.251	-0.706	-0.707	-0.283	0.406	1.129	1.665	1.857
181	1.80	1.655	1.107	0.348	-0.442	-1.075	-1.393	-1.310	-0.836	-0.089	0.722
191	1.90	1.345	1.554	1.230	0.407	-0.715	-1.820	-2.561	-2.675	-2.063	-0.831
201	2.00	0.744	2.301	3.511	4.173	4.261	3.912	3.351	2.804	2.413	2.210
211	2.10	2.131	2.072	1.948	1.728	1.432	1.100	0.750	0.356	-0.139	-0.780
221	2.20	-1.553	-2.358	-3.025	-3.370	-3.266	-2.711	-1.838	-0.884	-0.107	0.300
231	2.30	0.280	-0.063	-0.500	-0.751	-0.578	0.127	1.295	2.680	3.913	4.610
241	2.40	4.497	3.522	1.909	0.128	-1.237	-1.683	-0.976	0.724	2.884	4.760
251	2.50	5.658	5.194	3.451	0.963	-1.486	-3.147	-3.594	-2.866	-1.415	0.080
261	2.60	1.017	1.087	0.368	-0.756	-1.797	-2.381	-2.397	-2.007	-1.536	-1.305
271	2.70	-1.477	-1.996	-2.620	-3.035	-2.985	-2.373	-1.293	-0.003	1.157	1.860
281	2.80	1.887	1.187	-0.088	-1.605	-2.915	-3.571	-3.261	-1.920	0.212	2.637
291	2.90	4.726	5.903	5.827	4.495	2.244	-0.361	-2.694	-4.259	-4.807	-4.384
301	3.00	-3.277	-1.903	-0.668	0.143	0.437	0.317	0.016	-0.194	-0.120	0.271
311	3.10	0.836	1.306	1.405	0.984	0.111	-0.928	-1.729	-1.939	-1.414	-0.308
321	3.20	0.985	1.989	2.352	2.007	1.195	0.354	-0.089	0.079	0.764	1.614
331	3.30	2.190	2.177	1.525	0.466	-0.609	-1.316	-1.446	-1.024	-0.257	0.583
341	3.40	1.275	1.717	1.900	1.854	1.587	1.080	0.329	-0.587	-1.484	-2.102
351	3.50	-2.207	-1.707	-0.718	0.444	1.376	1.734	1.363	0.350	-1.017	-2.360
361	3.60	-3.345	-3.786	-3.674	-3.155	-2.459	-1.817	-1.392	-1.239	-1.284	-1.360
371	3.70	-1.259	-0.827	-0.051	0.888	1.638	1.790	1.058	-0.563	-2.713	-4.745
381	3.80	-5.946	-5.814	-4.289	-1.809	0.842	2.848	3.697	3.386	2.406	1.495
391	3.90	1.278	1.964	3.240	4.413	4.733	3.759	1.576	-1.216	-3.739	-5.192
401	4.00	-5.158	-3.741	-1.477	0.912	2.809	3.900	4.221	4.041	3.679	3.342
411	4.10	3.057	2.724	2.229	1.561	0.846	0.297	0.094	0.281	0.716	1.125
421	4.20	1.242	0.948	0.361	-0.198	-0.347	0.159	1.269	2.596	3.543	3.547
431	4.30	2.336	0.095	-2.569	-4.842	-6.034	-5.868	-4.594	-2.875	-1.486	-0.974
441	4.40	-1.436	-2.528	-3.691	-4.475	-4.785	-4.907	-5.301	-6.265	-7.668	-8.907
451	4.50	-9.164	-7.819	-4.836	-0.888	2.868	5.291	5.781	4.581	2.675	1.318
461	4.60	1.422	3.090	5.549	7.504	7.757	5.780	1.960	-2.590	-6.549	-8.962
471	4.70	-9.586	-8.854	-7.505	-6.115	-4.799	-3.238	-1.098	2.010	5.380	8.215
481	4.80	9.577	8.981	6.711	3.756	1.365	0.445	1.107	2.611	3.754	3.508
491	4.90	1.597	-1.308	-3.883	-4.797	-3.400	-0.100	3.752	6.451	6.696	4.188

Table 7-56-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1248 1322-BK-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.223	-4.899	-8.099	-8.677	-6.489	-2.360	2.337	6.258	8.559	9.081
511	5.10	8.223	6.624	4.844	3.188	1.725	0.425	-0.699	-1.546	-1.995	-2.038
521	5.20	-1.856	-1.781	-2.149	-3.100	-4.447	-5.799	-6.550	-6.326	-5.092	-3.213
531	5.30	-1.318	-0.038	0.252	-0.423	-1.678	-2.958	-3.788	-3.952	-3.539	-2.840
541	5.40	-2.167	-1.694	-1.400	-1.126	-0.710	-0.112	0.549	1.057	1.234	1.066
551	5.50	0.741	0.577	0.864	1.703	2.917	4.090	4.720	4.418	3.068	0.882
561	5.60	-1.659	-3.962	-5.497	-5.927	-5.180	-3.430	-1.052	1.458	3.567	4.797
571	5.70	4.837	3.639	1.482	-1.056	-3.235	-4.373	-4.079	-2.409	0.148	2.851
581	5.80	5.006	6.234	6.616	6.611	6.802	7.570	8.863	10.171	10.740	9.925
591	5.90	7.529	3.967	0.163	-2.779	-4.002	-3.228	-0.874	2.124	4.672	5.930
601	6.00	5.608	4.017	1.897	0.083	-0.833	-0.713	0.116	1.039	1.430	0.920
611	6.10	-0.465	-2.327	-4.072	-5.152	-5.286	-4.556	-3.360	-2.235	-1.635	-1.756
621	6.20	-2.478	-3.449	-4.267	-4.668	-4.653	-4.462	-4.442	-4.853	-5.715	-6.773
631	6.30	-7.598	-7.774	-7.087	-5.610	-3.662	-1.656	0.081	1.427	2.461	3.360
641	6.40	4.254	5.131	5.848	6.239	6.249	6.023	5.864	6.095	6.869	8.046
651	6.50	9.202	9.774	9.294	7.576	4.801	1.439	-1.927	-4.797	-6.866	-8.020
661	6.60	-8.244	-7.526	-5.814	-3.096	0.480	4.493	8.260	10.987	12.025	11.131
671	6.70	8.595	5.177	1.847	-0.562	-1.642	-1.541	-0.848	-0.324	-0.567	-1.758
681	6.80	-3.602	-5.463	-6.636	-6.640	-5.401	-3.274	-0.893	1.069	2.140	2.181
691	6.90	1.388	0.161	-1.074	-2.018	-2.567	-2.775	-2.757	-2.592	-2.278	-1.768
701	7.00	-1.053	-0.237	0.456	0.766	0.529	-0.205	-1.152	-1.909	-2.160	-1.880
711	7.10	-1.415	-1.372	-2.335	-4.531	-7.607	-10.652	-12.498	-12.192	-9.433	-4.778
721	7.20	0.509	4.912	7.242	7.080	4.900	1.814	-0.926	-2.441	-2.508	-1.512
731	7.30	-0.108	1.201	2.337	3.645	5.595	8.389	11.670	14.536	15.861	14.792
741	7.40	11.181	5.740	-0.178	-5.070	-7.837	-8.158	-6.534	-3.999	-1.667	-0.307
751	7.50	-0.134	-0.868	-1.981	-2.980	-3.594	-3.787	-3.650	-3.266	-2.651	-1.798
761	7.60	-0.789	0.122	0.544	0.103	-1.349	-3.594	-6.054	-7.997	-8.835	-8.386
771	7.70	-6.970	-5.262	-3.986	-3.568	-3.933	-4.544	-4.674	-3.787	-1.839	0.644
781	7.80	2.765	3.645	2.829	0.526	-2.439	-4.932	-5.947	-4.993	-2.244	1.573
791	7.90	5.500	8.724	10.830	11.846	12.075	11.845	11.297	10.339	8.775	6.510
801	8.00	3.721	0.857	-1.528	-3.056	-3.738	-4.020	-4.589	-6.024	-8.465	-11.461
811	8.10	-14.117	-15.472	-14.948	-12.649	-9.352	-6.165	-4.017	-3.218	-3.312	-3.311
821	8.20	-2.210	0.459	4.313	8.206	10.701	10.700	7.963	3.249	-1.970	-6.088
831	8.30	-7.974	-7.339	-4.714	-1.108	2.479	5.420	7.559	9.045	10.041	10.514
841	8.40	10.227	8.931	6.625	3.694	0.821	-1.295	-2.886	-2.294	-1.895	-1.770
851	8.50	-2.304	-3.343	-4.247	-4.233	-2.826	-0.173	2.966	5.574	6.885	6.783
861	8.60	5.863	5.107	5.325	6.672	8.489	9.596	8.877	5.891	1.169	-3.955
871	8.70	-7.907	-9.566	-8.727	-6.134	-3.062	-0.673	0.514	0.794	1.014	2.028
881	8.80	4.176	7.049	9.648	10.852	9.941	6.926	2.529	-2.136	-6.012	-8.452
891	8.90	-9.337	-8.961	-7.793	-6.272	-4.736	-3.470	-2.786	-3.016	-4.393	-6.862
901	9.00	-9.957	-12.852	-14.607	-14.527	-12.452	-8.842	-4.583	-0.605	2.503	4.695
911	9.10	6.393	8.172	10.382	12.903	15.159	16.392	16.053	14.102	11.076	7.880
921	9.20	5.401	4.133	3.977	4.315	4.307	3.271	0.990	-2.195	-5.508	-8.021
931	9.30	-8.973	-8.004	-5.241	-1.231	3.225	7.268	10.151	11.354	10.631	8.017
941	9.40	3.803	-1.499	-7.207	-12.533	-16.674	-18.923	-18.811	-16.234	-11.540	-5.516
951	9.50	0.735	6.040	9.452	10.517	9.397	6.795	3.695	1.002	-0.771	-1.639
961	9.60	-2.054	-2.617	-3.728	-5.351	-6.986	-7.883	-7.393	-5.287	-1.898	1.983
971	9.70	5.413	7.660	8.461	8.058	7.023	5.954	5.198	4.732	6.230	3.282
981	9.80	1.638	-0.632	-3.145	-5.346	-6.724	-6.993	-6.168	-4.528	-2.487	-0.458
991	9.90	1.246	2.442	3.053	3.066	2.508	1.452	0.047	-1.453	-2.696	-3.287

Table 7-56-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1248 1322-BK-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-2.883	-1.308	1.350	4.703	8.113	10.825	12.165	11.741	9.591	6.201
1011	10.10	2.394	-0.901	-2.928	-3.325	-2.222	-0.174	2.046	3.698	4.299	3.724
1021	10.20	2.198	0.177	-1.800	-3.241	-3.799	-3.330	-1.932	0.038	1.989	3.211
1031	10.30	3.068	1.247	-2.046	-6.047	-9.625	-11.659	-11.492	-9.239	-5.812	-2.592
1041	10.40	-0.878	-1.316	-3.586	-6.494	-8.437	-8.073	-4.875	0.648	7.156	13.012
1051	10.50	16.878	18.135	16.951	14.039	10.255	6.265	2.428	-1.088	-4.095	-6.235
1061	10.60	-7.025	-6.085	-3.418	0.431	4.459	7.527	8.769	7.912	5.327	1.808
1071	10.70	-1.805	-4.978	-7.618	-9.953	-12.237	-14.453	-16.209	-16.869	-15.875	-13.086
1081	10.80	-8.943	-4.364	-0.412	2.129	3.054	2.792	2.183	2.093	3.037	4.977
1091	10.90	7.372	9.439	10.499	10.245	8.840	6.809	4.788	3.257	2.364	1.912
1101	11.00	1.493	0.712	-0.612	-2.351	-4.118	-5.450	-6.024	-5.833	-5.212	-4.706
1111	11.10	-4.821	-5.764	-7.288	-8.727	-9.215	-8.021	-4.851	-0.015	5.640	10.966
1121	11.20	14.855	16.529	15.705	12.587	7.750	1.977	-3.875	-8.970	-12.579	-14.179
1131	11.30	-13.583	-11.054	-7.324	-3.447	-0.505	0.741	0.131	-1.848	-4.266	-6.138
1141	11.40	-6.832	-6.295	-5.013	-3.722	-3.025	-3.109	-3.695	-4.230	-4.200	-3.385
1151	11.50	-1.924	-0.170	1.553	3.144	4.722	6.440	8.227	9.634	9.921	8.368
1161	11.60	4.683	-0.720	-6.756	-12.009	-15.279	-16.039	-14.615	-11.964	-9.182	-6.965
1171	11.70	-5.300	-3.536	-0.788	3.517	9.242	15.474	20.830	23.980	24.151	21.367
1181	11.80	16.363	10.223	3.958	-1.791	-6.777	-10.966	-14.257	-16.313	-16.607	-14.675
1191	11.90	-10.445	-4.467	2.103	7.799	11.300	11.676	9.627	5.424	0.577	-3.614
1201	12.00	-6.251	-7.025	-6.149	-4.124	-1.465	1.465	4.460	7.336	9.791	11.351
1211	12.10	11.477	9.791	6.297	1.486	-3.777	-8.524	-12.012	-13.948	-14.506	-14.135
1221	12.20	-13.273	-12.117	-10.577	-8.410	-5.472	-1.903	1.851	5.194	7.634	8.966
1231	12.30	9.287	8.823	7.704	5.826	2.933	-1.113	-6.034	-10.994	-14.780	-16.233
1241	12.40	-14.759	-10.639	-4.951	0.875	5.659	8.902	10.829	12.011	12.822	13.060
1251	12.50	12.001	8.898	3.647	-2.800	-8.609	-11.817	-11.354	-7.760	-3.144	-0.290
1261	12.60	-1.264	-6.216	-13.016	-18.030	-17.743	-10.488	2.561	17.666	30.012	35.726
1271	12.70	33.685	24.955	13.874	4.224	-1.586	-3.665	-4.304	-6.572	-12.608	-22.466
1281	12.80	-34.052	-44.144	-49.865	-49.902	-44.829	-36.503	-26.916	-17.213	-7.396	3.149
1291	12.90	14.684	26.315	35.897	40.799	39.163	31.033	18.716	6.141	-2.563	-4.621
1301	13.00	0.394	10.559	22.552	33.077	40.110	43.422	44.230	44.248	44.650	45.459
1311	13.10	45.627	43.686	38.626	30.529	20.697	11.225	4.261	1.293	2.733	7.931
1321	13.20	15.509	23.837	31.421	37.121	40.187	40.214	37.108	31.080	22.660	12.655
1331	13.30	2.024	-8.308	-17.621	-25.474	-31.648	-35.990	-38.278	-38.179	-35.380	-29.812
1341	13.40	-21.895	-12.630	-3.506	3.790	7.748	7.363	2.334	-6.901	-19.232	-32.978
1351	13.50	-46.007	-55.899	-60.218	-56.956	-45.086	-25.077	0.857	28.939	54.500	72.970
1361	13.60	80.912	76.778	61.170	36.603	6.921	-23.405	-49.906	-68.637	-76.663	-72.469
1371	13.70	-56.652	-32.015	-3.573	22.851	41.123	47.516	41.497	26.096	6.903	-9.923
1381	13.80	-19.286	-21.707	-17.538	-11.749	-8.859	-11.553	-19.699	-30.744	-41.212	-48.456
1391	13.90	-51.757	-52.210	-51.540	-50.585	-48.377	-42.436	-30.220	-10.970	13.076	36.899
1401	14.00	54.398	60.868	55.057	39.760	20.595	3.502	-7.839	-13.405	-16.364	-20.996
1411	14.10	-30.069	-43.030	-55.962	-63.365	-60.917	-47.836	-27.665	-7.069	6.835	9.354
1421	14.20	0.026	-17.435	-36.885	-52.301	-59.909	-58.998	-51.242	-39.128	-24.443	-7.676
1431	14.30	11.420	32.540	53.668	70.860	79.288	75.157	57.613	29.695	-2.225	-30.371
1441	14.40	-48.101	-52.000	-42.723	-24.310	-2.394	17.881	33.360	43.288	48.693	51.232
1451	14.50	52.163	51.931	50.455	47.772	44.574	42.195	41.999	44.453	48.383	50.892
1461	14.60	48.113	36.591	14.788	-15.875	-50.902	-83.609	-106.787	-114.633	-104.374	-77.152
1471	14.70	-37.926	5.541	44.367	70.481	78.379	66.277	36.633	-5.432	-51.437	-93.208
1481	14.80	-123.485	-137.292	-132.502	-109.839	-72.526	-25.796	23.652	68.320	100.882	115.525
1491	14.90	109.467	84.160	45.569	3.090	-32.837	-53.733	-55.626	-40.083	-13.198	17.087

Table 7-56-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1248 1322-9K-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	44.196	65.215	81.217	95.479	110.540	125.672	136.199	135.223	117.052	80.666
1511	15.10	31.403	-20.207	-62.149	-85.576	-88.256	-75.166	-55.786	-39.725	-32.176	-31.977
1521	15.20	-32.792	-26.904	-9.620	17.949	49.125	74.802	87.859	86.591	75.426	62.571
1531	15.30	55.798	58.536	68.234	77.831	79.539	69.023	47.822	22.805	2.892	-5.301
1541	15.40	-0.755	11.355	22.043	22.733	9.281	-16.101	-45.886	-70.709	-83.630	-83.206
1551	15.50	-74.022	-64.521	-63.179	-74.767	-98.305	-127.502	-153.349	-167.658	-166.005	-148.954
1561	15.60	-121.205	-89.267	-58.763	-32.582	-10.545	9.407	29.237	49.042	66.369	76.939
1571	15.70	76.452	62.646	36.647	2.992	-31.717	-60.959	-80.304	-88.448	-86.905	-78.595
1581	15.80	-66.120	-50.599	-31.643	-8.440	18.697	47.225	72.429	88.800	92.190	81.741
1591	15.90	60.649	35.297	13.070	-0.229	-2.232	5.636	19.367	34.476	47.964	59.206
1601	16.00	69.459	80.357	92.313	103.743	111.588	112.886	106.597	94.664	81.646	72.960
1611	16.10	72.434	80.309	92.664	102.672	103.272	90.202	64.096	30.705	-0.976	-22.036
1621	16.20	-27.130	-16.736	2.792	21.487	29.525	21.030	-3.598	-37.825	-71.587	-95.337
1631	16.30	-103.870	-98.303	-85.309	-73.882	-71.009	-78.163	-90.247	-97.590	-90.236	-62.698
1641	16.40	-17.065	37.003	85.503	115.236	118.711	96.730	57.640	13.666	-23.977	-49.054
1651	16.50	-61.779	-67.377	-72.713	-82.696	-98.133	-115.832	-130.611	-137.998	-136.202	-126.500
1661	16.60	-112.064	-96.098	-80.393	-65.069	-49.501	-33.756	-19.549	-10.069	-8.668	-17.086
1671	16.70	-34.183	-55.897	-76.522	-90.711	-95.269	-89.899	-76.668	-58.569	-37.998	-15.947
1681	16.80	7.749	33.333	59.907	84.803	103.956	113.173	109.722	93.534	67.486	36.677
1691	16.90	7.006	-16.365	-30.144	-33.330	-26.959	-13.407	4.408	23.699	42.215	58.390
1701	17.00	71.308	80.551	86.007	87.710	85.766	80.402	72.117	61.834	50.917	40.963
1711	17.10	33.361	28.789	26.872	26.230	24.976	21.510	15.289	7.227	-0.485	-5.099
1721	17.20	-4.278	3.067	16.383	33.641	51.928	68.186	79.839	85.156	83.372	74.667
1731	17.30	60.088	41.438	21.029	1.275	-15.866	-29.415	-39.616	-47.738	-55.436	-63.909
1741	17.40	-73.223	-82.092	-88.256	-89.256	-83.290	-69.785	-49.515	-24.331	3.251	30.377
1751	17.50	54.008	71.026	78.492	74.202	57.416	29.428	-6.429	-45.538	-83.334	-116.670
1761	17.60	-144.533	-167.659	-187.137	-202.639	-211.231	-207.560	-185.625	-141.545	-76.188	3.575
1771	17.70	85.745	156.081	202.036	216.321	198.839	156.365	100.128	42.638	-5.686	-38.458
1781	17.80	-53.836	-53.706	-42.187	-24.078	-3.742	15.459	31.316	42.679	49.292	51.581
1791	17.90	50.415	46.845	41.904	36.521	31.584	28.044	26.922	29.090	34.862	43.576
1801	18.00	53.449	61.898	66.309	64.968	57.738	46.136	32.716	20.031	9.675	1.850
1811	18.10	-4.293	-9.766	-14.769	-18.185	-17.853	-11.534	1.885	21.539	44.482	66.411
1821	18.20	82.864	90.380	87.160	73.095	49.311	17.638	-19.683	-59.952	-99.790	-135.105
1831	18.30	-161.482	-175.061	-173.610	-157.367	-129.255	-94.314	-58.510	-27.321	-4.546	8.318
1841	18.40	12.076	9.308	3.588	-1.348	-2.345	2.593	13.898	30.302	49.022	66.340
1851	18.50	78.499	82.691	77.836	64.846	46.272	25.431	5.385	-11.855	-25.554	-35.884
1861	18.60	-43.177	-47.211	-46.929	-40.793	-27.660	-7.795	16.469	40.833	59.990	69.184
1871	18.70	65.829	50.548	27.180	1.653	-19.907	-33.163	-36.889	-33.109	-25.970	-19.828
1881	18.80	-17.330	-18.325	-20.077	-18.707	-11.217	2.834	20.793	37.806	48.779	50.524
1891	18.90	43.096	29.684	15.089	3.480	-3.506	-7.419	-12.078	-21.477	-37.516	-58.608
1901	19.00	-79.866	-94.819	-97.944	-86.918	-63.651	-33.698	-4.352	17.781	28.739	28.026
1911	19.10	18.126	3.085	-13.163	-28.045	-40.778	-51.958	-62.616	-73.226	-83.074	-90.252
1921	19.20	-92.255	-86.968	-73.660	-53.602	-30.004	-7.203	10.694	21.267	24.754	24.090
1931	19.30	23.867	28.519	40.426	58.729	79.431	96.843	105.833	103.938	92.422	75.779
1941	19.40	59.871	49.507	46.531	49.245	53.407	54.299	48.921	37.336	22.597	9.430
1951	19.50	2.273	3.615	13.284	28.835	46.707	63.479	76.684	84.923	87.490	83.900
1961	19.60	73.755	57.053	34.749	9.150	-16.224	-37.424	-51.267	-56.440	-54.016	-47.104
1971	19.70	-39.719	-35.295	-35.420	-39.286	-44.063	-46.045	-42.133	-31.093	-14.146	5.331
1981	19.80	22.852	34.251	36.972	30.776	17.650	0.982	-15.647	-29.576	-39.684	-46.324
1991	19.90	-50.683	-53.922	-56.521	-58.111	-57.838	-55.006	-49.643	-42.652	-35.491	-29.544

Table 7-56-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1248 1322-BK-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-25.557	-23.449	-22.617	-22.550	-23.390	-26.065	-31.849	-41.516	-54.498	-68.497
2011	20.10	-79.851	-84.555	-79.600	-66.069	-39.583	-9.918	20.044	45.643	63.602	72.711
2021	20.20	73.684	69.697	63.552	58.729	57.522	60.656	67.140	74.627	80.222	81.515
2031	20.30	77.471	68.825	57.761	46.966	38.450	32.668	23.384	23.372	15.640	4.581
2041	20.40	-8.570	-21.223	-30.671	-35.452	-36.134	-35.066	-35.181	-38.436	-44.676	-51.525
2051	20.50	-55.421	-53.291	-44.085	-29.417	-13.007	0.789	8.674	9.552	4.681	-3.128
2061	20.60	-10.768	-15.935	-17.626	-15.966	-11.671	-5.548	1.663	9.133	15.709	19.922
2071	20.70	20.383	16.403	8.502	-1.545	-11.269	-18.434	-21.928	-22.137	-20.618	-19.218
2081	20.80	-19.092	-20.103	-20.916	-19.705	-15.118	-7.011	3.397	13.974	22.502	27.464
2091	20.90	28.471	26.221	22.108	17.719	14.450	13.313	14.880	19.252	26.008	34.158
2101	21.00	42.245	48.660	52.136	52.235	49.586	45.705	42.403	41.020	41.799	43.696
2111	21.10	44.726	42.679	35.934	24.022	7.760	-11.027	-30.043	-47.063	-60.343	-68.823
2121	21.20	-72.189	-70.849	-65.854	-58.723	-51.152	-44.593	-39.854	-36.870	-34.806	-32.489
2131	21.30	-29.029	-24.341	-19.316	-15.519	-14.544	-17.310	-23.625	-32.235	-41.311	-49.137
2141	21.40	-54.653	-57.608	-58.286	-56.997	-53.641	-47.614	-38.116	-24.708	-7.831	11.015
2151	21.50	29.516	45.134	55.779	60.274	58.481	51.096	39.323	24.610	8.593	-6.832
2161	21.60	-19.450	-26.903	-27.143	-19.074	-3.113	18.638	42.750	65.330	83.090	94.227
2171	21.70	98.785	98.348	95.223	91.447	88.032	84.748	80.483	73.978	64.592	52.721
2181	21.80	39.721	27.366	17.118	9.556	4.224	-0.042	-4.453	-9.585	-14.998	-19.322
2191	21.90	-20.787	-17.967	-10.433	0.954	14.216	26.799	36.269	40.895	39.932	33.580
2201	22.00	22.701	8.474	-7.873	-25.169	-42.291	-58.114	-71.518	-81.494	-87.321	-88.740
2211	22.10	-86.039	-80.015	-71.825	-62.758	-54.032	-46.631	-41.227	-38.164	-37.492	-39.012
2221	22.20	-42.333	-46.916	-52.109	-57.167	-61.258	-63.489	-62.960	-58.882	-50.749	-38.520
2231	22.30	-22.746	-4.581	14.375	32.365	47.813	59.609	67.231	70.693	70.361	66.729
2241	22.40	60.284	51.485	40.873	29.196	17.470	6.893	-1.376	-6.489	-8.134	-6.597
2251	22.50	-2.650	2.706	8.533	14.175	19.325	23.965	28.179	31.976	35.189	37.476
2261	22.60	38.438	37.795	35.533	31.988	27.801	23.781	20.697	19.084	19.107	20.539
2271	22.70	22.830	25.256	27.074	27.649	26.534	23.512	18.614	12.152	4.723	-2.836
2281	22.80	-9.587	-14.725	-17.852	-19.166	-19.465	-19.916	-21.632	-25.244	-30.650	-37.081
2291	22.90	-43.486	-49.042	-53.537	-57.392	-61.277	-65.488	-69.437	-71.564	-69.849	-62.749
2301	23.00	-50.163	-33.926	-17.508	-4.937	0.645	-1.819	-10.908	-23.332	-35.310	-44.093
2311	23.10	-48.936	-51.081	-52.774	-55.815	-60.352	-64.535	-65.218	-59.399	-45.705	-25.227
2321	23.20	-1.294	21.716	39.995	51.630	57.073	58.620	59.207	61.121	65.208	70.867
2331	23.30	76.709	81.465	84.638	86.587	88.068	89.543	90.687	90.391	87.288	80.520
2341	23.40	70.347	58.254	46.478	37.161	31.520	29.417	29.518	29.931	29.022	26.019
2351	23.50	21.168	15.423	9.878	5.268	1.761	-0.881	-2.935	-4.383	-4.841	-3.807
2361	23.60	-1.078	2.898	6.976	9.628	9.514	6.094	-0.585	-9.197	-18.560	-27.772
2371	23.70	-36.635	-45.556	-55.056	-65.169	-75.075	-83.203	-87.836	-87.921	-83.712	-76.866
2381	23.80	-69.907	-65.244	-64.186	-66.408	-70.121	-72.881	-72.651	-68.630	-61.470	-52.808
2391	23.90	-44.378	-37.148	-30.935	-24.640	-16.985	-7.341	3.785	14.839	23.845	29.230
2401	24.00	30.446	28.107	23.600	18.439	13.699	9.818	6.829	4.809	4.252	6.081
2411	24.10	11.264	20.220	32.340	45.916	58.560	67.951	72.577	72.160	67.584	60.430
2421	24.20	52.359	44.641	37.999	32.750	29.039	26.989	26.631	27.698	29.474	30.867
2431	24.30	30.770	28.578	24.579	19.975	16.461	15.486	17.549	21.860	26.572	29.485
2441	24.40	28.935	24.648	16.877	7.975	-0.371	-6.891	-11.319	-14.294	-16.875	-19.963
2451	24.50	-23.912	-28.503	-33.231	-37.706	-41.916	-46.220	-51.084	-56.717	-62.837	-68.662
2461	24.60	-73.151	-75.333	-74.582	-70.700	-63.843	-54.358	-42.694	-29.424	-15.360	-1.632
2471	24.70	10.379	19.306	24.175	24.743	21.625	16.128	9.860	4.246	0.172	-2.145
2481	24.80	-3.029	-3.081	-2.905	-2.956	-3.509	-4.708	-6.606	-9.136	-12.054	-14.913
2491	24.90	-17.153	-18.297	-18.186	-17.104	-15.705	-14.717	-14.555	-15.036	-15.364	-14.431

Table 7-56-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1248 1322-BK-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-11.322	-5.797	1.520	9.333	16.209	21.192	24.223	26.148	28.297	31.851
2511	25.10	37.278	44.118	51.209	57.229	61.295	63.310	63.916	64.092	64.605	65.604
2521	25.20	66.537	66.423	64.308	59.695	52.721	44.050	34.556	25.000	15.857	7.371
2531	25.30	-0.254	-6.667	-11.336	-13.719	-13.545	-11.058	-7.068	-2.746	0.748	2.657
2541	25.40	2.843	1.756	0.171	-1.150	-1.731	-1.463	-0.496	0.952	2.761	4.925
2551	25.50	7.459	10.230	12.862	14.773	15.346	14.159	11.152	6.653	1.249	-4.428
2561	25.60	-9.906	-14.974	-19.647	-24.052	-28.292	-32.367	-36.176	-39.580	-42.476	-44.835
2571	25.70	-46.702	-48.165	-49.322	-50.271	-51.103	-51.875	-52.560	-52.978	-52.764	-51.421
2581	25.80	-48.465	-43.635	-37.058	-29.296	-21.203	-13.644	-7.180	-1.873	2.702	7.219
2591	25.90	12.235	17.887	23.756	29.001	32.664	34.030	32.865	29.445	24.387	18.385
2601	26.00	11.988	5.513	-0.896	-7.132	-13.016	-18.275	-22.615	-25.822	-27.815	-28.600
2611	26.10	-28.161	-26.359	-22.932	-17.620	-10.380	-1.567	8.023	17.299	25.173	30.869
2621	26.20	34.113	35.103	34.296	32.110	28.722	24.053	17.967	10.561	2.392	-5.507
2631	26.30	-11.866	-15.586	-16.144	-13.811	-9.590	-4.875	-0.996	1.191	1.483	0.256
2641	26.40	-1.831	-4.178	-6.481	-8.769	-11.241	-13.995	-16.803	-19.054	-19.904	-18.580
2651	26.50	-14.704	-8.492	-0.725	7.502	15.157	21.600	26.730	30.879	34.496	37.795
2661	26.60	40.524	42.005	41.442	38.361	32.983	26.321	19.925	15.360	13.624	14.767
2671	26.70	17.899	21.565	24.348	25.406	24.722	22.951	20.983	19.444	18.392	17.365
2681	26.80	15.727	13.124	9.783	6.474	4.156	3.456	4.281	5.756	6.548	5.443
2691	26.90	1.879	-3.789	-10.440	-16.661	-21.311	-23.925	-24.762	-24.527	-23.924	-23.285
2701	27.00	-22.465	-21.024	-18.603	-15.250	-11.537	-8.391	-6.717	-7.000	-9.087	-12.238
2711	27.10	-15.447	-17.852	-19.087	-19.402	-19.520	-20.311	-22.410	-25.953	-30.505	-35.215
2721	27.20	-39.121	-41.491	-42.085	-41.249	-39.816	-38.842	-39.263	-41.586	-45.713	-50.969
2731	27.30	-56.315	-60.695	-63.366	-64.115	-63.252	-61.413	-59.262	-57.107	-54.957	-52.400
2741	27.40	-48.938	-44.248	-38.380	-31.764	-25.034	-18.763	-13.235	-8.374	-3.855	0.670
2751	27.50	5.344	10.010	14.285	17.784	20.358	22.238	23.992	26.322	29.788	34.590
2761	27.60	40.507	47.017	53.516	59.532	64.824	69.339	73.064	75.893	77.591	77.906
2771	27.70	76.782	74.532	71.878	69.780	69.096	70.221	72.866	76.101	78.672	79.471
2781	27.80	77.964	74.385	69.617	64.807	60.889	58.242	56.623	55.384	53.857	51.706
2791	27.90	49.053	46.330	43.950	41.972	39.966	37.160	32.815	26.642	19.038	11.012
2801	28.00	3.814	-1.559	-4.757	-6.185	-6.789	-7.634	-9.503	-12.688	-17.064	-22.356
2811	28.10	-28.425	-35.385	-43.478	-52.789	-62.953	-73.066	-81.861	-88.099	-90.990	-90.439
2821	28.20	-87.021	-81.699	-75.467	-69.078	-62.996	-57.540	-53.073	-50.093	-49.097	-50.302
2831	28.30	-53.355	-57.253	-60.540	-61.767	-59.984	-55.052	-47.614	-38.740	-29.435	-20.263
2841	28.40	-11.263	-2.200	7.025	16.031	23.913	29.514	31.916	30.866	26.934	21.336
2851	28.50	15.456	10.379	6.607	4.109	2.614	1.979	2.390	4.301	8.138	13.960
2861	28.60	21.291	29.215	36.720	43.089	48.144	52.190	55.709	58.958	61.703	63.246
2871	28.70	62.735	59.606	53.931	46.481	38.469	31.099	25.136	20.702	17.373	14.525
2881	28.80	11.714	8.923	6.540	5.102	4.957	6.003	7.655	9.039	9.327	8.042
2891	28.90	5.220	1.356	-2.816	-6.608	-9.595	-11.713	-13.207	-14.485	-15.947	-17.858
2901	29.00	-20.293	-23.152	-26.237	-29.340	-32.334	-35.210	-38.079	-41.110	-44.422	-47.982
2911	29.10	-51.533	-54.607	-56.628	-57.078	-55.668	-52.452	-47.815	-42.368	-36.759	-31.502
2921	29.20	-26.873	-22.919	-19.544	-16.631	-14.129	-12.074	-10.544	-9.588	-9.179	-9.219
2931	29.30	-9.587	-10.206	-11.079	-12.271	-13.853	-15.822	-18.060	-20.337	-22.362	-23.863
2941	29.40	-24.636	-24.564	-23.593	-21.699	-18.859	-15.068	-10.365	-4.881	1.151	7.414
2951	29.50	13.560	19.272	24.306	28.501	31.766	34.059	35.378	35.289	35.449	34.640
2961	29.60	33.749	33.214	33.422	34.608	36.780	39.694	42.901	45.841	47.957	48.794
2971	29.70	48.074	45.721	41.849	36.732	30.759	24.385	18.088	12.320	7.467	3.798
2981	29.80	1.432	0.320	0.258	0.937	2.014	3.201	4.329	5.369	6.405	7.559
2991	29.90	8.907	10.424	11.980	13.400	14.544	15.382	15.994	16.504	16.963	17.249

Table 7–56–7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1248 1322-BK-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	17.037	15.891	13.434	9.546	4.479	-1.165	-6.615	-11.192	-14.549	-16.769
3011	30.10	-18.290	-19.663	-21.277	-23.159	-24.952	-26.083	-26.036	-24.610	-22.040	-18.925
3021	30.20	-16.010	-13.908	-12.907	-12.926	-13.626	-14.620	-15.662	-16.732	-17.989	-19.626
3031	30.30	-21.709	-24.086	-26.398	-28.196	-29.091	-28.872	-27.555	-25.337	-22.509	-19.370
3041	30.40	-16.177	-13.155	-10.520	-8.510	-7.348	-7.177	-7.959	-9.395	-10.926	-11.817
3051	30.50	-11.331	-8.947	-4.538	1.541	8.492	15.257	20.769	24.224	25.265	24.039
3061	30.60	21.112	17.268	13.295	9.801	7.146	5.472	4.806	5.159	6.564	9.037
3071	30.70	12.484	16.613	20.920	24.777	27.598	29.029	29.060	28.025	26.467	24.922
3081	30.80	23.723	22.881	22.114	20.984	19.093	16.254	12.572	8.414	4.293	0.717
3091	30.90	-1.937	-3.490	-3.967	-3.547	-2.487	-1.052	0.550	2.205	3.907	5.733
3101	31.00	7.787	10.122	12.657	15.141	17.168	18.270	18.060	16.363	13.303	9.284
3111	31.10	4.877	0.647	-3.016	-5.987	-8.405	-10.556	-12.712	-14.996	-17.309	-19.364
3121	31.20	-20.810	-21.380	-21.017	-19.925	-18.512	-17.273	-16.624	-16.772	-17.648	-18.935
3131	31.30	-20.178	-20.929	-20.883	-19.956	-18.270	-16.071	-13.599	-10.991	-8.239	-5.245
3141	31.40	-1.928	1.653	5.239	8.410	10.715	11.851	11.805	10.883	9.625	8.606
3151	31.50	8.236	8.625	9.579	10.719	11.657	12.141	12.103	11.591	10.649	9.223
3161	31.60	7.171	4.378	0.928	-2.781	-6.070	-8.187	-8.612	-7.337	-4.962	-2.540
3171	31.70	-1.212	-1.755	-4.268	-8.110	-12.143	-15.179	-16.629	-15.764	-13.690	-11.050
3181	31.80	-8.623	-6.795	-5.467	-4.213	-2.589	-0.629	2.031	4.253	5.663	5.927
3191	31.90	5.098	3.549	1.736	-0.061	-1.892	-4.079	-6.982	-10.721	-15.000	-19.161
3201	32.00	-22.436	-24.297	-24.718	-24.203	-23.556	-23.493	-24.270	-25.517	-26.362	-25.787
3211	32.10	-23.066	-18.082	-11.379	-3.937	3.219	9.402	14.472	18.789	22.956	27.490
3221	32.20	32.555	37.888	42.910	46.958	49.520	50.367	49.548	47.273	43.769	39.174
3231	32.30	33.542	26.918	19.453	11.483	3.527	-3.811	-9.985	-14.653	-17.764	-19.554
3241	32.40	-20.449	-20.925	-21.366	-21.960	-22.691	-23.388	-23.838	-23.889	-23.528	-22.886
3251	32.50	-22.180	-21.622	-21.337	-21.319	-21.449	-21.562	-21.514	-21.236	-20.722	-19.992
3261	32.60	-19.026	-17.732	-15.966	-13.590	-10.554	-6.938	-2.951	1.140	5.097	8.780
3271	32.70	12.161	15.272	18.132	20.692	22.833	24.431	25.447	25.993	26.327	26.759
3281	32.80	27.521	28.646	29.933	31.012	31.491	31.120	29.893	28.056	26.001	24.116
3291	32.90	22.636	21.575	20.740	19.816	18.487	16.526	13.855	10.548	6.811	2.942
3301	33.00	-0.713	-3.811	-6.076	-7.353	-7.657	-7.168	-6.182	-5.026	-3.962	-3.129
3311	33.10	-2.545	-2.167	-1.969	-2.006	-2.421	-3.387	-5.028	-7.346	-10.207	-13.374
3321	33.20	-16.582	-19.603	-22.282	-24.521	-26.253	-27.418	-27.984	-27.982	-27.543	-26.884
3331	33.30	-26.238	-25.746	-25.367	-24.863	-23.891	-22.163	-19.607	-16.453	-13.177	-10.329
3341	33.40	-8.323	-7.277	-7.004	-7.138	-7.347	-7.505	-7.741	-8.316	-9.398	-10.857
3351	33.50	-12.186	-12.631	-11.467	-8.323	-3.382	2.634	8.705	13.881	17.616	19.932
3361	33.60	21.328	22.502	24.016	26.046	28.345	30.407	31.755	32.191	31.899	31.341
3371	33.70	31.000	31.104	31.449	31.433	30.271	27.324	22.370	15.740	8.222	0.816
3381	33.80	-5.583	-10.420	-13.573	-15.259	-15.846	-15.644	-14.792	-13.267	-10.998	-8.004
3391	33.90	-4.476	-0.756	2.773	5.831	8.326	10.348	12.054	13.519	14.627	15.078
3401	34.00	14.499	12.626	9.455	5.281	0.612	-4.025	-8.271	-12.041	-15.493	-18.877
3411	34.10	-22.365	-25.928	-29.347	-32.330	-34.673	-36.363	-37.569	-38.504	-39.255	-39.666
3421	34.20	-39.351	-37.859	-34.695	-30.499	-25.081	-19.285	-13.750	-8.874	-4.723	-1.097
3431	34.30	2.264	5.457	8.312	10.458	11.536	11.445	10.478	9.274	8.573	8.910
3441	34.40	10.371	12.556	14.749	16.232	16.595	15.887	14.554	13.216	12.378	12.237
3451	34.50	12.650	13.268	13.744	13.894	13.746	13.455	13.168	12.912	12.597	12.124
3461	34.60	11.517	11.009	10.999	11.881	13.832	16.651	19.756	22.355	23.712	23.425
3471	34.70	21.561	18.627	15.372	12.520	10.546	9.577	9.433	9.766	10.216	10.524
3481	34.80	10.555	10.272	9.678	8.796	7.675	6.417	5.189	4.198	3.618	3.518
3491	34.90	3.824	4.336	4.805	5.025	4.899	4.434	3.683	2.651	1.234	-0.771

Table 7–56–8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1248 1322-BK-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-3.586	-7.319	-11.851	-16.799	-21.561	-25.439	-27.893	-28.483	-27.127	-23.996
3511	35.10	-19.476	-14.089	-8.442	-3.181	1.055	3.699	4.358	2.929	-0.332	-4.811
3521	35.20	-9.653	-13.962	-17.028	-18.502	-18.455	-17.291	-15.567	-13.773	-12.182	-10.808
3531	35.30	-9.490	-8.055	-6.466	-4.899	-3.699	-3.234	-3.727	-5.114	-7.029	-8.893
3541	35.40	-10.108	-10.261	-9.264	-7.383	-5.144	-3.151	-1.887	-1.566	-2.093	-3.133
3551	35.50	-4.251	-5.083	-5.460	-5.441	-5.261	-5.204	-5.470	-6.077	-6.853	-7.507
3561	35.60	-7.757	-7.458	-6.675	-5.654	-4.728	-4.165	-4.050	-4.247	-4.455	-4.347
3571	35.70	-3.724	-2.610	-1.243	0.034	0.937	1.383	1.534	1.728	2.321	3.511
3581	35.80	5.238	7.206	9.019	10.366	11.175	11.641	12.138	13.025	14.470	16.355
3591	35.90	18.316	19.905	20.796	20.932	20.557	20.112	20.049	20.648	21.910	23.576
3601	36.00	25.240	26.509	27.125	27.032	26.350	25.317	24.201	23.249	22.642	22.466
3611	36.10	22.681	23.088	23.335	22.968	21.551	18.818	14.809	9.902	4.740	0.030
3621	36.20	-3.684	-6.196	-7.686	-8.614	-9.513	-10.778	-12.547	-14.707	-17.030	-19.329
3631	36.30	-21.578	-23.902	-26.477	-29.377	-32.481	-35.478	-37.989	-39.727	-40.627	-40.863
3641	36.40	-40.745	-40.561	-40.446	-40.346	-40.103	-39.604	-38.912	-38.278	-38.039	-38.427
3651	36.50	-39.389	-40.537	-41.249	-40.902	-39.124	-35.953	-31.816	-27.341	-23.072	-19.232
3661	36.60	-15.633	-11.790	-7.169	-1.481	5.131	12.075	18.490	23.531	26.654	27.782
3671	36.70	27.296	25.867	24.206	22.835	21.970	21.548	21.369	21.293	21.379	21.923
3681	36.80	23.359	26.071	30.188	35.450	41.219	46.623	50.802	53.155	53.495	52.068
3691	36.90	49.419	46.186	42.898	39.867	37.213	34.957	33.155	31.942	31.482	31.835
3701	37.00	32.808	33.898	34.374	33.487	30.729	26.024	19.763	12.657	5.474	-1.218
3711	37.10	-7.206	-12.610	-17.709	-22.726	-27.668	-32.308	-36.295	-39.344	-41.381	-42.575
3721	37.20	-43.248	-43.703	-44.087	-44.344	-44.293	-43.790	-42.867	-41.792	-40.988	-40.862
3731	37.30	-41.619	-43.148	-45.042	-46.726	-47.649	-47.448	-46.023	-43.514	-40.196	-36.368
3741	37.40	-32.271	-28.064	-23.853	-19.728	-15.794	-12.178	-9.002	-6.369	-4.336	-2.905
3751	37.50	-2.012	-1.517	-1.195	-0.745	0.171	1.851	4.471	8.018	12.273	16.873
3761	37.60	21.408	25.545	29.107	32.093	34.627	36.872	38.951	40.908	42.713	44.306
3771	37.70	45.630	46.647	47.317	47.574	47.319	46.448	44.910	42.770	40.232	37.608
3781	37.80	35.231	33.354	32.068	31.288	30.804	30.367	29.786	28.975	27.953	26.792
3791	37.90	25.560	24.281	22.928	21.450	19.810	18.005	16.065	14.033	11.943	9.809
3801	38.00	7.623	5.369	3.024	0.554	-2.097	-5.005	-8.239	-11.819	-15.657	-19.534
3811	38.10	-23.121	-26.053	-28.044	-28.983	-28.983	-28.350	-27.485	-26.754	-26.384	-26.417
3821	38.20	-26.740	-27.174	-27.562	-27.828	-27.974	-28.028	-27.964	-27.651	-26.846	-25.258
3831	38.30	-22.642	-18.907	-14.197	-8.901	-3.603	1.034	4.414	6.150	6.164	4.721
3841	38.40	2.369	-0.189	-2.273	-3.394	-3.357	-2.329	-0.655	1.190	2.816	4.031
3851	38.50	4.861	5.489	6.129	6.905	7.780	8.576	9.060	9.057	8.538	7.630
3861	38.60	6.562	5.562	4.770	4.201	3.772	3.391	3.031	2.766	2.744	3.092
3871	38.70	3.821	4.770	5.628	6.036	5.729	4.651	2.984	1.087	-0.657	-2.001
3881	38.80	-2.945	-3.739	-4.776	-6.413	-8.805	-11.811	-15.022	-17.896	-19.954	-20.943
3891	38.90	-20.915	-20.183	-19.188	-18.332	-17.839	-17.717	-17.805	-17.884	-17.798	-17.517
3901	39.00	-17.136	-16.803	-16.626	-16.603	-16.613	-16.456	-15.936	-14.938	-13.466	-11.640
3911	39.10	-9.660	-7.757	-6.151	-5.038	-4.575	-4.873	-5.967	-7.789	-10.150	-12.747
3921	39.20	-15.218	-17.218	-18.499	-18.957	-18.624	-17.616	-16.059	-14.037	-11.576	-8.690
3931	39.30	-5.436	-1.972	1.444	4.504	6.937	8.596	9.498	9.806	9.764	9.600
3941	39.40	9.465	9.409	9.611	9.433	9.472	9.574	9.826	10.314	11.088	12.150
3951	39.50	13.456	14.941	16.530	18.137	19.656	20.956	21.891	22.334	22.230	21.619
3961	39.60	20.639	19.478	18.304	17.210	16.190	15.173	14.090	12.960	11.824	10.912
3971	39.70	10.377	10.314	10.693	11.371	12.160	12.898	13.504	13.967	14.287	14.400
3981	39.80	14.146	13.304	11.688	9.265	6.232	2.997	0.061	-2.141	-3.394	-3.756
3991	39.90	-3.505	-3.004	-2.550	-2.285	-2.212	-2.285	-2.531	-3.109	-4.265	-6.209

Table 7-56-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1248 1322-BK-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-8.953	-12.220	-15.482	-18.118	-19.639	-19.875	-19.040	-17.638	-16.249	-15.306
4011	40.10	-14.940	-14.978	-15.064	-14.856	-14.178	-13.088	-11.814	-10.633	-9.749	-9.228
4021	40.20	-9.029	-9.071	-9.303	-9.710	-10.261	-10.830	-11.158	-10.894	-9.715	-7.474
4031	40.30	-4.306	-0.614	3.059	6.224	8.618	10.269	11.429	12.401	13.360	14.255
4041	40.40	14.845	14.849	14.134	12.834	11.335	10.136	9.639	9.975	10.956	12.162
4051	40.50	13.125	13.522	13.285	12.591	11.746	11.046	10.670	10.672	11.033	11.749
4061	40.60	12.862	14.433	16.452	18.751	20.983	22.701	23.508	23.223	21.967	20.142
4071	40.70	18.281	16.851	16.097	15.973	16.217	16.489	16.535	16.272	15.776	15.188
4081	40.80	14.597	13.973	13.172	12.029	10.462	8.552	6.533	4.717	3.370	2.619
4091	40.90	2.417	2.588	2.912	3.213	3.400	3.447	3.339	3.023	2.393	1.331
4101	41.00	-0.216	-2.185	-4.376	-6.514	-8.340	-9.709	-10.645	-11.308	-11.917	-12.637
4111	41.10	-13.511	-14.445	-15.283	-15.901	-16.296	-16.612	-17.084	-17.928	-19.232	-20.889
4121	41.20	-22.627	-24.102	-25.038	-25.339	-25.121	-24.658	-24.268	-24.178	-24.445	-24.948
4131	41.30	-25.460	-25.751	-25.681	-25.224	-24.438	-23.387	-22.068	-20.397	-18.249	-15.545
4141	41.40	-12.346	-8.877	-5.490	-2.547	-0.290	1.254	2.285	3.145	4.174	5.577
4151	41.50	7.342	9.259	11.020	12.352	13.127	13.403	13.386	13.331	13.448	13.834
4161	41.60	14.473	15.270	16.115	16.909	17.573	18.015	18.112	17.715	16.689	14.984
4171	41.70	12.680	9.996	7.226	4.643	2.393	0.442	-1.403	-3.402	-5.762	-8.537
4181	41.80	-11.601	-14.700	-17.565	-20.022	-22.060	-23.806	-25.451	-27.126	-28.819	-30.358
4191	41.90	-31.471	-31.897	-31.503	-30.349	-28.679	-26.840	-25.167	-23.878	-23.016	-22.467
4201	42.00	-22.021	-21.462	-20.637	-19.487	-18.040	-16.366	-14.537	-12.606	-10.611	-8.607
4211	42.10	-6.694	-5.023	-3.766	-3.053	-2.904	-3.180	-3.589	-3.754	-3.328	-2.118
4221	42.20	-0.159	2.279	4.783	6.945	8.519	9.508	10.167	10.891	12.045	13.808
4231	42.30	16.087	18.558	20.792	22.442	23.371	23.705	23.755	23.865	24.257	24.938
4241	42.40	25.715	26.307	26.495	26.237	25.692	25.138	24.824	24.832	25.010	25.008
4251	42.50	24.407	22.882	20.335	16.936	13.077	9.244	5.882	3.286	1.562	0.650
4261	42.60	0.391	0.599	1.116	1.834	2.683	3.616	4.578	5.495	6.277	6.833
4271	42.70	7.098	7.061	6.783	6.390	6.038	5.857	5.885	6.028	6.071	5.740
4281	42.80	4.817	3.239	1.170	-1.025	-2.878	-3.966	-4.041	-3.193	-1.638	0.194
4291	42.90	1.897	3.192	3.964	4.234	4.073	3.522	2.560	1.139	-0.743	-2.972
4301	43.00	-5.300	-7.404	-8.986	-9.896	-10.189	-10.114	-10.017	-10.205	-10.833	-11.840
4311	43.10	-12.977	-13.889	-14.231	-13.763	-12.401	-10.212	-7.375	-4.120	-0.676	2.764
4321	43.20	6.051	9.078	11.757	14.003	15.712	16.765	17.041	16.456	15.002	12.783
4331	43.30	10.018	7.008	4.071	1.463	-0.675	-2.338	-3.616	-4.640	-5.513	-6.276
4341	43.40	-6.912	-7.385	-7.679	-7.824	-7.878	-7.894	-7.877	-7.783	-7.540	-7.112
4351	43.50	-6.540	-5.969	-5.503	-5.314	-5.361	-5.462	-5.313	-4.601	-3.131	-0.919
4361	43.60	1.806	4.668	7.306	9.480	11.144	12.413	13.460	14.387	15.140	15.508
4371	43.70	15.202	13.989	11.817	8.863	5.512	2.246	-0.486	-2.383	-3.349	-3.476
4381	43.80	-2.984	-2.135	-1.162	-0.227	0.584	1.244	1.756	2.131	2.370	2.461
4391	43.90	2.389	2.143	1.729	1.187	0.588	0.033	-0.365	-0.505	-0.320	0.202
4401	44.00	1.017	2.031	3.114	4.123	4.916	5.377	5.429	5.054	4.299	3.272
4411	44.10	2.119	0.979	-0.058	-0.994	-1.918	-2.980	-4.326	-6.042	-8.114	-10.445
4421	44.20	-12.900	-15.366	-17.798	-20.206	-22.597	-24.902	-26.926	-28.361	-28.877	-28.262
4431	44.30	-26.536	-24.004	-21.185	-18.664	-16.893	-16.048	-15.994	-16.365	-16.739	-16.808
4441	44.40	-16.484	-15.892	-15.263	-14.785	-14.501	-14.286	-13.919	-13.200	-12.052	-10.542
4451	44.50	-8.835	-7.085	-5.357	-3.608	-1.745	0.264	2.308	4.128	5.402	5.884
4461	44.60	5.538	4.578	3.404	2.442	1.984	2.082	2.571	3.190	3.739	4.199
4471	44.70	4.728	5.565	6.863	8.566	10.391	11.929	12.831	12.967	12.500	11.817
4481	44.80	11.355	11.404	11.984	12.855	13.635	13.989	13.765	13.030	11.996	10.866
4491	44.90	9.716	8.452	6.888	4.883	2.472	-0.089	-2.395	-4.054	-4.855	-4.863

Table 7-56-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1248 1322-BK-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-4.387	-3.849	-3.594	-3.755	-4.212	-4.677	-4.840	-4.517	-3.716	-2.607
4511	45.10	-1.419	-0.317	0.661	1.597	2.608	3.751	4.959	6.063	6.867	7.257
4521	45.20	7.266	7.078	6.952	7.109	7.641	8.469	9.387	10.144	10.542	10.488
4531	45.30	9.994	9.131	7.973	6.563	4.922	3.095	1.198	-0.562	-1.912	-2.587
4541	45.40	-2.400	-1.310	0.578	3.040	5.806	8.617	11.266	13.596	15.484	16.820
4551	45.50	17.508	17.484	16.747	15.385	13.569	11.527	9.487	7.629	6.057	4.785
4561	45.60	3.762	2.898	2.090	1.247	0.294	-0.814	-2.086	-3.488	-4.940	-6.324
4571	45.70	-7.505	-8.354	-8.764	-8.663	-8.002	-6.759	-4.933	-2.574	0.194	3.152
4581	45.80	5.995	8.385	10.033	10.786	10.682	9.939	8.891	7.872	7.118	6.703
4591	45.90	6.552	6.503	6.393	6.116	5.638	4.957	4.057	2.873	1.311	-0.687
4601	46.00	-3.073	-5.648	-8.094	-10.064	-11.310	-11.792	-11.700	-11.401	-11.297	-11.677
4611	46.10	-12.607	-13.912	-15.243	-16.207	-16.496	-15.977	-14.710	-12.901	-10.830	-8.769
4621	46.20	-6.936	-5.474	-4.452	-3.871	-3.671	-3.741	-3.934	-4.097	-4.117	-3.953
4631	46.30	-3.653	-3.336	-3.145	-3.180	-3.454	-3.881	-4.301	-4.546	-4.497	-4.137
4641	46.40	-3.553	-2.902	-2.349	-2.006	-1.892	-1.935	-2.005	-1.975	-1.783	-1.466
4651	46.50	-1.158	-1.045	-1.291	-1.968	-3.006	-4.196	-5.244	-5.863	-5.866	-5.234
4661	46.60	-4.119	-2.792	-1.544	-0.591	-0.005	0.284	0.434	0.601	0.858	1.152
4671	46.70	1.321	1.157	0.490	-0.747	-2.480	-4.515	-6.582	-8.397	-9.713	-10.362
4681	46.80	-10.266	-9.447	-8.019	-6.164	-4.106	-2.064	-0.208	1.378	2.695	3.805
4691	46.90	4.777	5.631	6.305	6.673	6.593	5.986	4.897	3.515	2.131	1.058
4701	47.00	0.533	0.650	1.342	2.416	3.643	4.831	5.892	6.847	7.798	8.865
4711	47.10	10.132	11.600	13.185	14.727	16.022	16.857	17.040	16.431	14.969	12.698
4721	47.20	9.784	6.510	3.246	0.384	-1.742	-2.935	-3.188	-2.691	-1.777	-0.841
4731	47.30	-0.226	-0.144	-0.635	-1.580	-2.767	-3.977	-5.052	-5.930	-6.630	-7.202
4741	47.40	-7.670	-7.994	-8.078	-7.811	-7.125	-6.050	-4.722	-3.352	-2.157	-1.295
4751	47.50	-0.815	-0.661	-0.712	-0.843	-0.982	-1.130	-1.340	-1.677	-2.163	-2.755
4761	47.60	-3.352	-3.841	-4.143	-4.252	-4.248	-4.268	-4.459	-4.929	-5.717	-6.787
4771	47.70	-8.045	-9.371	-10.642	-11.752	-12.611	-13.137	-13.255	-12.899	-12.032	-10.673
4781	47.80	-8.914	-6.925	-4.928	-3.152	-1.767	-0.836	-0.290	0.050	0.408	0.961
4791	47.90	1.769	2.739	3.659	4.288	4.471	4.228	3.770	3.438	3.571	4.369
4801	48.00	5.795	7.589	9.358	10.741	11.552	11.848	11.888	12.001	12.421	13.163
4811	48.10	14.000	14.555	14.457	13.506	11.766	9.556	7.339	5.573	4.565	4.410
4821	48.20	4.997	6.092	7.432	8.801	10.063	11.150	12.032	12.689	13.106	13.276
4831	48.30	13.211	12.938	12.691	11.887	11.125	10.191	9.085	7.846	6.561	5.347
4841	48.40	4.313	3.516	2.939	2.497	2.077	1.582	0.969	0.256	-0.505	-1.267
4851	48.50	-2.019	-2.795	-3.650	-4.620	-5.687	-6.767	-7.732	-8.449	-8.825	-8.828
4861	48.60	-8.492	-7.887	-7.100	-6.213	-5.306	-4.466	-3.789	-3.370	-3.269	-3.471
4871	48.70	-3.869	-4.271	-4.454	-4.236	-3.552	-2.482	-1.239	-0.102	0.664	0.888
4881	48.80	0.521	-0.380	-1.695	-3.294	-5.065	-6.909	-8.709	-10.301	-11.476	-12.016
4891	48.90	-11.760	-10.668	-8.852	-6.551	-4.059	-1.639	0.542	2.429	4.041	5.398
4901	49.00	6.464	7.138	7.298	6.878	5.945	4.713	3.491	2.574	2.134	2.153
4911	49.10	2.447	2.763	2.913	2.869	2.780	2.888	3.395	4.328	5.491	6.520
4921	49.20	7.022	6.740	5.657	3.998	2.127	0.384	-1.048	-2.201	-3.265	-4.465
4931	49.30	-5.922	-7.583	-9.239	-10.618	-11.513	-11.860	-11.750	-11.354	-10.830	-10.247
4941	49.40	-9.571	-8.726	-7.676	-6.494	-5.360	-4.506	-4.111	-4.227	-4.747	-5.458
4951	49.50	-6.127	-6.593	-6.817	-6.867	-6.862	-6.903	-7.028	-7.212	-7.396	-7.522
4961	49.60	-7.550	-7.446	-7.160	-6.613	-5.730	-4.489	-2.980	-1.425	-0.138	0.568
4971	49.70	0.497	-0.351	-1.772	-3.429	-4.976	-6.168	-6.918	-7.288	-7.313	-7.107
4981	49.80	-6.629	-5.802	-4.575	-3.005	-1.282	0.315	1.524	2.219	2.469	2.509
4991	49.90	2.628	3.030	3.739	4.592	5.326	5.724	5.731	5.494	5.292	5.409

Table 7-56-11

TABLE OF CORRECTED ACCELERATION RECORD

NO.11

INDEX NO. 1248 1322-BK-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	5.989	6.972	8.126	9.158	9.858	10.185	10.270	10.320	10.487	10.761
5011	50.10	10.950	10.757	9.920	8.342	6.163	3.722	1.443	-0.311	-1.359	-1.738
5021	50.20	-1.658	-1.402	-1.218	-1.255	-1.548	-2.057	-2.724	-3.509	-4.395	-5.355
5031	50.30	-6.322	-7.168	-7.724	-7.830	-7.396	-6.443	-5.105	-3.587	-2.095	-0.764
5041	50.40	0.384	1.432	2.523	3.785	5.265	6.896	8.517	9.923	10.942	11.502
5051	50.50	11.660	11.581	11.486	11.569	11.939	12.582	13.374	14.127	14.654	14.830
5061	50.60	14.624	14.104	13.411	12.713	12.156	11.824	11.716	11.749	11.778	11.642
5071	50.70	11.209	10.423	9.327	8.053	6.780	5.668	4.798	4.134	3.539	2.823
5081	50.80	1.833	0.514	-1.057	-2.708	-4.244	-5.537	-6.586	-7.511	-8.496	-9.692
5091	50.90	-11.136	-12.727	-14.261	-15.528	-16.401	-16.901	-17.182	-17.467	-17.946	-18.703
5101	51.00	-19.689	-20.760	-21.748	-22.531	-23.066	-23.368	-23.467	-23.353	-22.963	-22.210
5111	51.10	-21.035	-19.465	-17.624	-15.701	-13.882	-12.274	-10.869	-9.556	-8.119	-6.613
5121	51.20	-4.821	-2.864	-0.869	1.040	2.788	4.372	5.843	7.260	8.641	9.947
5131	51.30	11.089	11.973	12.545	12.818	12.876	12.842	12.841	12.953	13.200	13.537
5141	51.40	13.872	14.099	14.126	13.906	13.456	12.857	12.235	11.722	11.408	11.298
5151	51.50	11.293	11.218	10.876	10.128	8.954	7.476	5.922	4.544	3.524	2.906
5161	51.60	2.591	2.393	2.126	1.699	1.157	0.659	0.404	0.528	1.040	1.796
5171	51.70	2.552	3.041	3.061	2.537	1.523	0.173	-1.313	-2.734	-3.922	-4.746
5181	51.80	-5.110	-4.954	-4.256	-3.044	-1.397	0.565	2.706	4.892	7.010	8.954
5191	51.90	10.617	11.875	12.591	12.655	12.027	10.780	9.103	7.262	5.529	4.094
5201	52.00	3.019	2.239	1.622	1.052	0.501	0.043	-0.183	-0.062	0.420	1.135
5211	52.10	1.845	2.291	2.294	1.826	1.008	0.053	-0.844	-1.584	-2.197	-2.805
5221	52.20	-3.526	-4.400	-5.339	-6.169	-6.706	-6.863	-6.711	-6.462	-6.395	-6.738
5231	52.30	-7.581	-8.837	-10.296	-11.712	-12.906	-13.823	-14.518	-15.095	-15.622	-16.082
5241	52.40	-16.373	-16.361	-15.960	-15.184	-14.155	-13.060	-12.070	-11.279	-10.678	-10.179
5251	52.50	-9.679	-9.111	-8.477	-7.828	-7.218	-6.660	-6.110	-5.487	-4.725	-3.814
5261	52.60	-2.818	-1.849	-1.005	-0.320	0.256	0.836	1.529	2.381	3.344	4.294
5271	52.70	5.093	5.657	5.994	6.188	6.342	6.503	6.628	6.599	6.296	5.685
5281	52.80	4.872	4.084	3.584	3.544	3.949	4.575	5.074	5.108	4.509	3.353
5291	52.90	1.944	0.688	-0.071	-0.191	0.226	0.889	1.458	1.691	1.537	1.135
5301	53.00	0.726	0.530	0.641	0.994	1.401	1.644	1.566	1.128	0.398	-0.492
5311	53.10	-1.413	-2.262	-3.061	-3.732	-4.259	-4.572	-4.579	-4.206	-3.444	-2.371
5321	53.20	-1.132	0.101	1.190	2.070	2.763	3.344	3.899	4.480	5.085	5.674
5331	53.30	6.201	6.653	7.067	7.527	8.127	8.930	9.936	11.071	12.203	13.186
5341	53.40	13.897	14.275	14.326	14.113	13.727	13.249	12.730	12.181	11.586	10.920
5351	53.50	10.171	9.359	8.526	7.725	6.989	6.316	5.651	4.903	3.959	2.725
5361	53.60	1.148	-0.766	-2.945	-5.273	-7.602	-9.786	-11.697	-13.262	-14.372	-15.084
5371	53.70	-15.424	-15.468	-15.319	-15.077	-14.831	-14.639	-14.529	-14.500	-14.541	-14.631
5381	53.80	-14.753	-14.886	-15.007	-15.078	-15.059	-14.907	-14.594	-14.114	-13.478	-12.713
5391	53.90	-11.845	-10.897	-9.888	-8.843	-7.795	-6.788	-5.854	-4.988	-4.130	-3.166
5401	54.00	-1.957	-0.392	1.552	3.775	6.061	8.131	9.730	10.705	11.051	10.905
5411	54.10	10.488	10.017	9.631	9.357	9.123	8.809	8.312	7.591	6.675	5.642
5421	54.20	4.579	3.549	2.587	1.713	0.961	0.397	0.122	0.242	0.831	1.896
5431	54.30	3.365	5.093	6.894	8.581	9.994	11.022	11.611	11.764	11.537	11.032
5441	54.40	10.384	9.744	9.241	8.957	8.899	8.995	9.118	9.122	8.891	8.369
5451	54.50	7.576	6.586	5.501	4.404	3.338	2.295	1.231	0.100	-1.124	-2.424
5461	54.60	-3.742	-4.994	-6.097	-6.993	-7.659	-8.110	-8.377	-8.489	-8.452	-8.244
5471	54.70	-7.832	-7.198	-6.362	-5.407	-4.465	-3.693	-3.226	-3.136	-3.409	-3.955
5481	54.80	-4.642	-5.342	-5.977	-6.527	-7.017	-7.484	-7.937	-8.342	-8.632	-8.738
5491	54.90	-8.632	-8.345	-7.959	-7.576	-7.269	-7.052	-6.873	-6.642	-6.283	-5.772

Table 7-56-12

TABLE OF CORRECTED ACCELERATION RECORD

NO.12

INDEX NO. 1248 1322-BK-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-5.157	-4.542	-4.044	-3.745	-3.655	-3.711	-3.798	-3.791	-3.595	-3.158
5511	55.10	-2.478	-1.581	-0.509	0.699	2.000	3.348	4.688	5.961	7.119	8.132
5521	55.20	8.997	9.731	10.364	10.923	11.424	11.882	12.314	12.750	13.227	13.771
5531	55.30	14.376	14.979	15.467	15.691	15.513	14.846	13.685	12.115	10.279	8.347
5541	55.40	6.466	4.741	3.228	1.953	0.934	0.197	-0.223	-0.301	-0.044	0.486
5551	55.50	1.178	1.891	2.485	2.859	2.973	2.846	2.544	2.152	1.746	1.382
5561	55.60	1.095	0.898	0.796	0.778	0.812	0.843	0.791	0.573	0.129	-0.544
5571	55.70	-1.378	-2.243	-2.988	-3.485	-3.681	-3.611	-3.388	-3.152	-3.019	-3.047
5581	55.80	-3.229	-3.519	-3.882	-4.323	-4.891	-5.644	-6.601	-7.692	-8.752	-9.555
5591	55.90	-9.889	-9.637	-8.824	-7.622	-6.300	-5.141	-4.366	-4.085	-4.295	-4.905
5601	56.00	-5.785	-6.801	-7.833	-8.773	-9.524	-10.001	-10.145	-9.944	-9.434	-8.700
5611	56.10	-7.841	-6.946	-6.068	-5.231	-4.442	-3.717	-3.089	-2.594	-2.241	-1.983
5621	56.20	-1.714	-1.296	-0.617	0.358	1.551	2.799	3.900	4.699	5.133	5.240
5631	56.30	5.123	4.885	4.573	4.167	3.613	2.885	2.036	1.209	0.596	0.362
5641	56.40	0.568	1.140	1.892	2.594	3.068	3.240	3.156	2.936	2.708	2.546
5651	56.50	2.455	2.389	2.300	2.177	2.024	2.033	2.143	2.397	2.732	3.041
5661	56.60	3.217	3.197	2.988	2.649	2.268	1.914	1.616	1.361	1.117	0.857
5671	56.70	0.577	0.300	0.056	-0.136	-0.281	-0.411	-0.570	-0.795	-1.103	-1.481
5681	56.80	-1.890	-2.269	-2.547	-2.657	-2.553	-2.224	-1.716	-1.135	-0.635	-0.390
5691	56.90	-0.546	-1.178	-2.262	-3.674	-5.222	-6.697	-7.924	-8.794	-9.272	-9.385
5701	57.00	-9.188	-8.744	-8.112	-7.344	-6.490	-5.606	-4.743	-3.940	-3.214	-2.556
5711	57.10	-1.936	-1.317	-0.667	0.040	0.824	1.704	2.694	3.795	4.980	6.179
5721	57.20	7.288	8.191	8.797	9.076	9.075	8.906	8.697	8.548	8.484	8.452
5731	57.30	8.349	8.071	7.566	6.861	6.053	5.274	4.641	4.225	4.037	4.054
5741	57.40	4.241	4.577	5.059	5.678	6.398	7.139	7.789	8.233	8.396	8.268
5751	57.50	7.913	7.436	6.942	6.495	6.096	5.691	5.205	4.572	3.761	2.778
5761	57.60	1.657	0.443	-0.821	-2.088	-3.300	-4.384	-5.264	-5.887	-6.246	-6.396
5771	57.70	-6.445	-6.516	-6.707	-7.055	-7.536	-8.093	-8.682	-9.308	-10.035	-10.946
5781	57.80	-12.094	-13.443	-14.857	-16.120	-17.014	-17.394	-17.236	-16.637	-15.762	-14.768
5791	57.90	-13.736	-12.655	-11.457	-10.085	-8.562	-7.020	-5.666	-4.709	-4.277	-4.359
5801	58.00	-4.807	-5.393	-5.894	-6.161	-6.152	-5.907	-5.490	-4.934	-4.211	-3.247
5811	58.10	-1.979	-0.398	1.415	3.307	5.108	6.693	8.023	9.148	10.165	11.153
5821	58.20	12.124	13.003	13.662	13.975	13.888	13.456	12.837	12.248	11.896	11.913
5831	58.30	12.324	13.049	13.936	14.811	15.517	15.939	16.005	15.675	14.930	13.767
5841	58.40	12.212	10.331	8.248	6.137	4.205	2.649	1.620	1.186	1.320	1.911
5851	58.50	2.791	3.783	4.728	5.513	6.075	6.387	6.445	6.255	5.824	5.170
5861	58.60	4.325	3.340	2.283	1.222	0.215	-0.700	-1.509	-2.206	-2.788	-3.243
5871	58.70	-3.553	-3.708	-3.712	-3.599	-3.421	-3.231	-3.064	-2.923	-2.783	-2.616
5881	58.80	-2.415	-2.225	-2.134	-2.254	-2.673	-3.409	-4.394	-5.479	-6.477	-7.230
5891	58.90	-7.651	-7.747	-7.608	-7.359	-7.111	-6.926	-6.809	-6.731	-6.664	-6.603
5901	59.00	-6.571	-6.598	-6.682	-6.763	-6.719	-6.393	-5.646	-4.417	-2.751	-0.808
5911	59.10	1.173	2.939	4.277	5.059	5.261	4.946	4.233	3.269	2.196	1.148
5921	59.20	0.241	-0.423	-0.758	-0.711	-0.270	0.524	1.574	2.740	3.857	4.766
5931	59.30	5.341	5.511	5.271	4.684	3.864	2.955	2.096	1.393	0.891	0.569
5941	59.40	0.347	0.118	-0.222	-0.734	-1.419	-2.225	-3.062	-3.839	-4.491	-4.994
5951	59.50	-5.356	-5.598	-5.730	-5.738	-5.587	-5.246	-4.712	-4.028	-3.287	-2.609
5961	59.60	-2.105	-1.848	-1.853	-2.085	-2.482	-2.986	-3.561	-4.193	-4.873	-5.573
5971	59.70	-6.230	-6.750	-7.035	-7.019	-6.697	-6.129	-5.419	-4.671	-3.948	-3.250
5981	59.80	-2.524	-1.709	-0.784	0.197	1.104	1.764	2.028	1.826	1.205	0.316
5991	59.90	-0.628	-1.424	-1.931	-2.094	-1.939	-1.532	-0.945	-0.228	0.584	1.456

Table 7-56-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1248 1322-BK-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	2.324	3.098	3.676	3.982	4.007	3.823	3.561	3.373	3.370	3.583
6011	60.10	3.959	4.394	4.780	5.060	5.240	5.379	5.538	5.736	5.924	5.995
6021	60.20	5.833	5.370	4.624	3.711	2.800	2.060	1.598	1.429	1.484	1.652
6031	60.30	1.836	1.986	2.111	2.252	2.442	2.673	2.886	2.986	2.890	2.556
6041	60.40	2.005	1.313	0.577	-0.123	-0.755	-1.337	-1.918	-2.549	-3.252	-4.001
6051	60.50	-4.728	-5.338	-5.734	-5.840	-5.610	-5.033	-4.135	-2.978	-1.654	-0.279
6061	60.60	1.017	2.111	2.910	3.362	3.462	3.241	2.746	2.023	1.105	0.019
6071	60.70	-1.200	-2.491	-3.757	-4.881	-5.749	-6.285	-6.479	-6.389	-6.128	-5.822
6081	60.80	-5.575	-5.439	-5.405	-5.417	-5.401	-5.297	-5.072	-4.729	-4.295	-3.801
6091	60.90	-3.271	-2.711	-2.115	-1.473	-0.786	-0.077	0.606	1.190	1.597	1.756
6101	61.00	1.630	1.237	0.654	0.009	-0.546	-0.872	-0.885	-0.581	-0.029	0.653
6111	61.10	1.339	1.947	2.449	2.875	3.275	3.679	4.071	4.390	4.557	4.524
6121	61.20	4.305	3.990	3.710	3.587	3.668	3.900	4.131	4.166	3.830	3.033
6131	61.30	1.800	0.256	-1.411	-3.009	-4.383	-5.436	-6.120	-6.425	-6.366	-5.981
6141	61.40	-5.339	-4.546	-3.732	-3.033	-2.553	-2.336	-2.357	-2.543	-2.799	-3.049
6151	61.50	-3.252	-3.397	-3.483	-3.493	-3.378	-3.079	-2.547	-1.778	-0.829	0.201
6161	61.60	1.205	2.113	2.916	3.669	4.454	5.339	6.343	7.425	8.508	9.521
6171	61.70	10.434	11.269	12.081	12.919	13.786	14.624	15.325	15.778	15.907	15.700
6181	61.80	15.206	14.503	13.653	12.675	11.542	10.211	8.669	6.964	5.216	3.584
6191	61.90	2.216	1.197	0.519	0.093	-0.217	-0.531	-0.916	-1.367	-1.826	-2.222
6201	62.00	-2.517	-2.724	-2.907	-3.145	-3.496	-3.968	-4.514	-5.055	-5.518	-5.870
6211	62.10	-6.132	-6.367	-6.645	-7.008	-7.440	-7.872	-8.211	-8.378	-8.350	-8.169
6221	62.20	-7.926	-7.715	-7.591	-7.535	-7.456	-7.227	-6.739	-5.944	-4.880	-3.659
6231	62.30	-2.419	-1.274	-0.274	0.599	1.413	2.238	3.111	4.017	4.907	5.724
6241	62.40	6.439	7.068	7.653	8.234	8.812	9.332	9.697	9.805	9.597	9.090
6251	62.50	8.375	7.594	6.888	6.349	6.004	5.817	5.718	5.638	5.530	5.371
6261	62.60	5.153	4.862	4.478	3.976	3.348	2.617	1.841	1.093	0.440	-0.083
6271	62.70	-0.485	-0.801	-1.092	-1.404	-1.766	-2.199	-2.723	-3.368	-4.175	-5.175
6281	62.80	-6.362	-7.683	-9.041	-10.317	-11.414	-12.283	-12.932	-13.408	-13.766	-14.036
6291	62.90	-14.210	-14.256	-14.152	-13.911	-13.596	-13.295	-13.085	-12.995	-12.974	-12.924
6301	63.00	-12.724	-12.290	-11.604	-10.722	-9.747	-8.785	-7.913	-7.158	-6.506	-5.929
6311	63.10	-5.400	-4.903	-4.421	-3.921	-3.347	-2.635	-1.743	-0.682	0.470	1.585
6321	63.20	2.524	3.191	3.570	3.724	3.765	3.794	3.859	3.935	3.947	3.819
6331	63.30	3.533	3.156	2.831	2.737	3.018	3.733	4.839	6.199	7.637	8.988
6341	63.40	10.134	11.020	11.638	11.998	12.101	11.934	11.470	10.697	9.636	8.357
6351	63.50	6.982	5.663	4.556	3.787	3.425	3.463	3.821	4.360	4.917	5.337
6361	63.60	5.511	5.388	4.980	4.337	3.526	2.602	1.600	0.537	-0.571	-1.693
6371	63.70	-2.773	-3.742	-4.532	-5.106	-5.472	-5.678	-5.802	-5.918	-6.085	-6.324
6381	63.80	-6.629	-6.975	-7.334	-7.680	-7.990	-8.237	-8.392	-8.424	-8.319	-8.087
6391	63.90	-7.767	-7.420	-7.099	-6.827	-6.579	-6.288	-5.869	-5.257	-4.443	-3.485
6401	64.00	-2.494	-1.593	-0.868	-0.333	0.074	0.464	0.950	1.590	2.360	3.157
6411	64.10	3.841	4.293	4.472	4.441	4.353	4.393	4.709	5.349	6.234	7.176
6421	64.20	7.943	8.332	8.254	7.747	6.964	6.109	5.356	4.788	4.366	3.962
6431	64.30	3.417	2.613	1.528	0.251	-1.057	-2.215	-3.090	-3.630	-3.867	-3.889
6441	64.40	-3.792	-3.643	-3.471	-3.281	-3.074	-2.874	-2.729	-2.693	-2.798	-3.035
6451	64.50	-3.349	-3.662	-3.910	-4.068	-4.165	-4.264	-4.423	-4.662	-4.949	-5.205
6461	64.60	-5.351	-5.338	-5.188	-4.977	-4.812	-4.775	-4.886	-5.083	-5.245	-5.238
6471	64.70	-4.962	-4.389	-3.566	-2.591	-1.572	-0.583	0.352	1.258	2.187	3.188
6481	64.80	4.285	5.470	6.703	7.929	9.093	10.149	11.063	11.815	12.396	12.811
6491	64.90	13.078	13.222	13.271	13.247	13.159	13.005	12.777	12.469	12.095	11.685

Table 7-56-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1248 1322-BK-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	11.286	10.950	10.718	10.614	10.639	10.774	10.985	11.230	11.463	11.629
6511	65.10	11.676	11.554	11.232	10.709	10.018	9.220	8.391	7.591	6.852	6.163
6521	65.20	5.479	4.747	3.926	3.009	2.031	1.054	0.147	-0.630	-1.247	-1.698
6531	65.30	-1.996	-2.169	-2.246	-2.266	-2.276	-2.335	-2.507	-2.840	-3.350	-4.008
6541	65.40	-4.741	-5.450	-6.037	-6.439	-6.644	-6.687	-6.635	-6.562	-6.520	-6.536
6551	65.50	-6.611	-6.738	-6.914	-7.143	-7.427	-7.757	-8.095	-8.379	-8.537	-8.510
6561	65.60	-8.276	-7.861	-7.325	-6.749	-6.200	-5.720	-5.317	-4.980	-4.693	-4.450
6571	65.70	-4.259	-4.127	-4.050	-4.005	-3.949	-3.840	-3.652	-3.388	-3.079	-2.764
6581	65.80	-2.472	-2.209	-1.957	-1.700	-1.441	-1.225	-1.122	-1.207	-1.516	-2.017
6591	65.90	-2.610	-3.156	-3.530	-3.668	-3.594	-3.404	-3.225	-3.155	-3.221	-3.379
6601	66.00	-3.540	-3.624	-3.604	-3.518	-3.446	-3.467	-3.603	-3.810	-3.990	-4.042
6611	66.10	-3.918	-3.647	-3.327	-3.077	-2.974	-3.015	-3.117	-3.157	-3.045	-2.773
6621	66.20	-2.435	-2.189	-2.188	-2.503	-3.083	-3.766	-4.342	-4.631	-4.557	-4.169
6631	66.30	-3.612	-3.063	-2.661	-2.465	-2.454	-2.565	-2.738	-2.955	-3.232	-3.591
6641	66.40	-4.014	-4.418	-4.665	-4.606	-4.144	-3.283	-2.135	-0.882	0.293	1.274
6651	66.50	2.054	2.714	3.376	4.124	4.958	5.785	6.463	6.871	6.971	6.832
6661	66.60	6.603	6.442	6.443	6.590	6.764	6.799	6.558	6.005	5.219	4.368
6671	66.70	3.633	3.137	2.901	2.849	2.855	2.816	2.700	2.561	2.505	2.637
6681	66.80	3.000	3.551	4.170	4.709	5.045	5.123	4.963	4.642	4.254	3.875
6691	66.90	3.542	3.258	3.002	2.753	2.493	2.210	1.889	1.501	1.013	0.389
6701	67.00	-0.390	-1.323	-2.384	-3.537	-4.738	-5.947	-7.122	-8.212	-9.154	-9.874
6711	67.10	-10.303	-10.399	-10.166	-9.654	-8.955	-8.168	-7.377	-6.627	-5.920	-5.231
6721	67.20	-4.526	-3.782	-2.997	-2.181	-1.351	-0.513	0.331	1.184	2.039	2.870
6731	67.30	3.638	4.297	4.818	5.200	5.474	5.693	5.911	6.166	6.461	6.771
6741	67.40	7.054	7.271	7.407	7.475	7.511	7.561	7.662	7.825	8.036	8.259
6751	67.50	8.459	8.616	8.734	8.837	8.959	9.111	9.271	9.368	9.303	8.978
6761	67.60	8.338	7.404	6.277	5.121	4.107	3.357	2.904	2.683	2.559	2.391
6771	67.70	2.087	1.644	1.136	0.671	0.326	0.101	-0.089	-0.384	-0.908	-1.707
6781	67.80	-2.723	-3.811	-4.799	-5.568	-6.096	-6.459	-6.786	-7.184	-7.672	-8.169
6791	67.90	-8.526	-8.600	-8.328	-7.765	-7.066	-6.423	-5.978	-5.764	-5.697	-5.618
6801	68.00	-5.368	-4.860	-4.110	-3.216	-2.305	-1.470	-0.735	-0.056	0.633	1.370
6811	68.10	2.131	2.832	3.366	3.653	3.684	3.520	3.267	3.024	2.842	2.711
6821	68.20	2.576	2.390	2.145	1.898	1.744	1.780	2.048	2.513	3.061	3.543
6831	68.30	3.824	3.827	3.557	3.076	2.476	1.833	1.188	0.544	-0.109	-0.766
6841	68.40	-1.386	-1.902	-2.236	-2.339	-2.216	-1.933	-1.600	-1.337	-1.229	-1.302
6851	68.50	-1.514	-1.779	-1.999	-2.103	-2.074	-1.951	-1.809	-1.723	-1.740	-1.851
6861	68.60	-2.001	-2.104	-2.077	-1.874	-1.501	-1.010	-0.487	-0.015	0.347	0.581
6871	68.70	0.708	0.775	0.835	0.925	1.059	1.221	1.379	1.491	1.519	1.441
6881	68.80	1.255	0.976	0.634	0.260	-0.120	-0.490	-0.848	-1.194	-1.526	-1.824
6891	68.90	-2.055	-2.185	-2.195	-2.098	-1.950	-1.835	-1.837	-2.004	-2.321	-2.706
6901	69.00	-3.038	-3.201	-3.136	-2.866	-2.490	-2.142	-1.928	-1.883	-1.950	-2.008
6911	69.10	-1.931	-1.650	-1.195	-0.690	-0.310	-0.212	-0.475	-1.066	-1.855	-2.669
6921	69.20	-3.343	-3.779	-3.950	-3.894	-3.674	-3.342	-2.928	-2.439	-1.882	-1.280
6931	69.30	-0.686	-0.167	0.213	0.415	0.439	0.318	0.106	-0.143	-0.386	-0.596
6941	69.40	-0.754	-0.847	-0.862	-0.791	-0.644	-0.447	-0.248	-0.098	-0.041	-0.093
6951	69.50	-0.239	-0.435	-0.622	-0.743	-0.756	-0.640	-0.397	-0.039	0.411	0.927
6961	69.60	1.483	2.050	2.602	3.113	3.569	3.961	4.293	4.572	4.806	4.998
6971	69.70	5.148	5.254	5.313	5.327	5.296	5.220	5.090	4.893	4.608	4.216
6981	69.80	3.703	3.065	2.308	1.447	0.507	-0.479	-1.466	-2.400	-3.223	-3.880
6991	69.90	-4.341	-4.602	-4.698	-4.690	-4.648	-4.634	-4.680	-4.789	-4.940	-5.104

Table 7-56-15

TABLE OF CORRECTED ACCELERATION RECORD

NO.15

INDEX NO. 1248 1322-BK-1-1 HA. (HA.) OTSU EMBANKMENT MAX. ACC. = 216.321 (GAL) T= 17.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-5.256	-5.383	-5.476	-5.516	-5.465	-5.271	-4.878	-4.255	-3.418	-2.444
7011	70.10	-1.451	-0.574	0.078	0.451	0.560	0.478	0.305	0.138	0.046	0.058
7021	70.20	0.174	0.375	0.633	0.916	1.186	1.395	1.489	1.423	1.180	0.781
7031	70.30	0.288	-0.209	-0.621	-0.887	-0.985	-0.934	-0.775	-0.541	-0.255	0.089
7041	70.40	0.503	0.995	1.547	2.117	2.649	3.097	3.438	3.683	3.868	4.035
7051	70.50	4.214	4.413	4.614	4.786	4.899	4.933	4.887	4.771	4.605	4.407
7061	70.60	4.194	3.975	3.750	3.507	3.225	2.873	2.425	1.878	1.260	0.636
7071	70.70	0.101	-0.255	-0.372	-0.245	0.065	0.454	0.808	1.039	1.115	1.060
7081	70.80	0.939	0.816	0.734	0.690	0.651	0.572	0.422	0.210	-0.026	-0.229
7091	70.90	-0.351	-0.376	-0.325	-0.247	-0.199	-0.218	-0.304	-0.424	-0.513	-0.502
7101	71.00	-0.342	-0.014	0.458	1.019	1.595	2.116	2.532	2.822	2.992	3.061
7111	71.10	3.044	2.933	2.697	2.287	1.658	0.796	-0.270	-1.463	-2.679	-3.812
7121	71.20	-4.783	-5.556	-6.134	-6.538	-6.789	-6.888	-6.822	-6.573	-6.146	-5.578
7131	71.30	-4.936	-4.296	-3.713	-3.201	-2.730	-2.239	-1.673	-1.005	-0.252	0.539
7141	71.40	1.316	2.047	2.735	3.410	4.099	4.802	5.475	6.041	6.419	6.557
7151	71.50	6.463	6.198	5.857	5.527	5.263	5.075	4.939	4.836	4.769	4.782
7161	71.60	4.937	5.289	5.650	6.577	7.378	8.141	8.771	9.211	9.451	9.502
7171	71.70	9.380	9.085	8.600	7.911	7.030	6.003	4.914	3.853	2.882	2.016
7181	71.80	1.209	0.378	-0.563	-1.669	-2.946	-4.349	-5.806	-7.243	-8.604	-9.858
7191	71.90	-10.991	-11.989	-12.834	-13.498	-13.960	-14.215	-14.282	-14.204	-14.033	-13.821
7201	72.00	-13.603	-13.405	-13.235	-13.110	-13.036	-13.017	-13.035	-13.053	-13.007	-12.833
7211	72.10	-12.477	-11.924	-11.200	-10.364	-9.489	-8.635	-7.831	-7.069	-6.320	-5.545
7221	72.20	-4.719	-3.839	-2.922	-1.994	-1.085	-0.215	0.601	1.355	2.034	2.627
7231	72.30	3.121	3.509	3.797	4.006	4.172	4.340	4.557	4.856	5.253	5.732
7241	72.40	6.269	6.732	7.103	7.300	7.293	7.106	6.804	6.480	6.215	6.056
7251	72.50	5.995	5.978	5.934	5.806	5.578	5.274	4.961	4.617	4.301	3.952
7261	72.60	3.505	2.907	2.152	1.301	0.457	-0.260	-0.768	-1.067	-1.147	-1.157
7271	72.70	-1.170	-1.242	-1.382	-1.554	-1.712	-1.821	-1.877	-1.902	-1.926	-1.968
7281	72.80	-2.020	-2.053	-2.020	-1.881	-1.607	-1.185	-0.623	0.060	0.825	1.616
7291	72.90	2.364	2.998	3.467	3.763	3.928	4.044	4.206	4.478	4.868	5.322
7301	73.00	5.743	6.041	6.161	6.109	5.937	5.708	5.456	5.170	4.799	4.290
7311	73.10	3.632	2.880	2.153	1.589	1.299	1.320	1.608	2.057	2.550	2.997
7321	73.20	3.362	3.655	3.899	4.096	4.216	4.203	4.007	3.622	3.100	2.542
7331	73.30	2.067	1.766	1.672	1.748	1.910	2.054	2.100	2.003	1.767	1.425
7341	73.40	1.028	0.619	0.228	-0.134	-0.472	-0.806	-1.159	-1.548	-1.972	-2.402
7351	73.50	-2.782	-3.045	-3.136	-3.043	-2.811	-2.539	-2.352	-2.358	-2.601	-3.043
7361	73.60	-3.576	-4.053	-4.350	-4.402	-4.231	-3.923	-3.599	-3.365	-3.281	-3.351
7371	73.70	-3.532	-3.762	-3.983	-4.153	-4.247	-4.251	-4.156	-3.958	-3.665	-3.304
7381	73.80	-2.920	-2.565	-2.283	-2.091	-1.974	-1.892	-1.798	-1.660	-1.477	-1.281
7391	73.90	-1.121	-1.043	-1.071	-1.197	-1.385	-1.587	-1.759	-1.876	-1.936	-1.951
7401	74.00	-1.932	-1.885	-1.802	-1.662	-1.449	-1.161	-0.815	-0.453	-0.132	0.091
7411	74.10	0.176	0.106	-0.105	-0.421	-0.798	-1.193	-1.584	-1.960	-2.325	-2.676
7421	74.20	-2.998	-3.256	-3.408	-3.410	-3.247	-2.932	-2.517	-2.072	-1.666	-1.346
7431	74.30	-1.124	-0.979	-0.874	-0.775	-0.664	-0.550	-0.453	-0.390	-0.360	-0.334
7441	74.40	-0.267	-0.110	0.167	0.558	1.024	1.499	1.917	2.227	2.410	2.479

Table 7-57-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1249 1322-BK-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -139.112 (GAL) T= 14.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	1.180	1.079	-1.611	-6.790	-12.883	-17.416	-18.177	-14.406	-7.378	0.018
11	0.10	4.575	4.343	-0.321	-6.827	-11.590	-11.876	-7.309	-0.229	5.380	5.935
21	0.20	0.256	-9.516	-18.671	-22.083	-16.782	-3.670	12.535	25.215	28.804	21.405
31	0.30	5.814	-11.586	-23.589	-25.336	-16.436	-1.054	14.024	22.459	21.115	11.279
41	0.40	-2.148	-13.029	-16.790	-12.335	-2.296	8.409	14.923	14.592	7.956	-1.743
51	0.50	-10.197	-13.965	-11.853	-5.171	3.077	9.619	12.253	10.558	5.769	0.014
61	0.60	-4.675	-7.117	-7.253	-5.896	-4.187	-3.020	-2.698	-2.906	-2.981	-2.306
71	0.70	-0.659	1.641	3.835	5.051	4.696	2.759	-0.131	-2.934	-4.637	-4.708
81	0.80	-3.343	-1.375	0.150	0.523	-0.234	-1.359	-1.774	-0.744	1.578	4.058
91	0.90	5.058	3.307	-1.270	-7.232	-12.063	-13.256	-9.563	-1.777	7.386	14.340
101	1.00	16.186	12.051	3.552	-5.858	-12.392	-13.592	-9.362	-1.907	5.363	9.431
111	1.10	8.986	4.860	-0.566	-4.627	-5.647	-3.600	0.111	3.552	5.312	5.140
121	1.20	3.885	2.814	2.771	3.669	4.484	4.094	1.887	-1.636	-5.005	-6.478
131	1.30	-4.976	-0.749	4.590	8.714	9.641	6.679	0.828	-5.592	-9.915	-10.285
141	1.40	-6.478	-0.010	6.493	10.422	10.298	6.403	0.651	-4.260	-6.036	-3.811
151	1.50	1.453	7.388	11.298	11.413	7.751	2.165	-2.483	-3.679	-0.506	5.818
161	1.60	12.402	15.989	14.472	7.921	-1.419	-10.168	-15.370	-15.814	-12.432	-7.606
171	1.70	-3.782	-2.152	-2.151	-2.024	-0.133	3.787	8.215	10.585	8.825	2.803
181	1.80	-5.211	-11.478	-12.730	-8.080	0.192	7.568	9.571	4.253	-6.479	-17.528
191	1.90	-23.067	-19.574	-7.859	7.076	18.391	20.818	13.383	-0.018	-12.553	-17.921
201	2.00	-13.556	-1.882	11.049	18.806	17.970	9.859	-0.340	-6.531	-5.135	2.915
211	2.10	12.704	18.108	15.291	4.976	-7.782	-16.246	-15.643	-5.846	8.411	19.929
221	2.20	22.803	15.549	1.922	-11.020	-16.602	-12.037	0.085	13.091	19.630	15.429
231	2.30	1.490	-16.350	-30.227	-33.986	-26.010	-9.808	7.785	19.823	22.285	15.555
241	2.40	3.816	-7.154	-12.630	-10.808	-3.189	6.468	13.961	16.357	12.924	5.083
251	2.50	-4.395	-12.503	-16.972	-16.860	-12.673	-6.109	0.481	4.782	5.201	1.395
261	2.60	-5.558	-13.431	-19.532	-21.590	-18.548	-10.956	-0.840	8.908	15.400	16.605
271	2.70	11.950	2.524	-9.140	-19.690	-25.851	-25.439	-18.196	-6.114	7.005	16.758
281	2.80	19.811	15.354	5.671	-4.610	-10.434	-8.657	0.290	12.278	21.161	21.598
291	2.90	11.755	-5.453	-23.284	-33.970	-32.168	-17.449	5.335	28.025	42.551	44.215
301	3.00	33.394	15.006	-3.848	-16.879	-20.866	-16.329	-6.588	4.052	12.025	15.436
311	3.10	14.062	8.815	1.179	-7.056	-13.853	-17.112	-15.226	-7.925	3.065	14.118
321	3.20	20.805	19.724	10.216	-4.916	-20.245	-29.860	-29.906	-20.313	-4.876	10.370
331	3.30	19.743	20.238	12.575	0.593	-10.587	-16.672	-15.671	-8.224	3.057	14.733
341	3.40	23.568	27.174	24.336	15.223	1.597	-13.165	-24.566	-28.217	-21.552	-5.364
351	3.50	15.733	34.459	43.470	38.637	20.197	-5.150	-28.444	-41.146	-38.891	-23.303
361	3.60	-1.240	18.202	27.540	23.906	9.908	-7.874	-21.938	-27.004	-21.920	-9.671
371	3.70	4.258	14.284	16.816	11.315	0.120	-12.658	-22.628	-26.501	-23.025	-13.299
381	3.80	-0.441	11.351	18.135	17.615	10.072	-1.606	-12.941	-19.629	-19.339	-12.697
391	3.90	-2.961	5.538	9.454	7.972	3.064	-1.672	-2.955	0.484	7.354	14.633
401	4.00	19.262	19.704	16.505	11.624	7.023	3.474	0.340	-3.540	-8.496	-13.195
411	4.10	-15.039	-11.723	-3.057	8.151	16.957	18.678	11.635	-1.350	-13.785	-18.535
421	4.20	-11.620	5.212	24.695	37.207	35.468	18.429	-7.713	-32.077	-44.110	-38.628
431	4.30	-18.350	7.362	26.992	32.371	22.495	3.796	-13.197	-19.104	-10.235	9.733
441	4.40	31.671	45.417	44.518	29.023	5.185	-17.594	-30.962	-30.977	-19.244	-1.605
451	4.50	14.725	24.129	24.400	16.879	5.219	-6.414	-14.832	-18.541	-17.665	-13.415
461	4.60	-7.484	-1.602	2.751	4.556	3.465	-0.046	-4.723	-8.860	-10.875	-9.935
471	4.70	-6.351	-1.548	2.410	3.582	0.903	-5.349	-13.537	-21.102	-25.339	-24.263
481	4.80	-17.321	-5.715	7.806	19.714	26.817	27.386	21.845	12.687	3.550	-2.242
491	4.90	-3.072	0.262	4.935	7.442	5.330	-1.500	-10.613	-18.091	-20.399	-16.142

Table 7-57-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1249 1322-BK-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -139.112 (GAL) T= 14.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-6.870	3.499	10.415	10.744	4.203	-6.528	-17.017	-23.027	-22.295	-15.332
511	5.10	-4.982	4.960	11.368	12.897	10.190	5.226	0.254	-3.137	-4.441	-4.072
521	5.20	-2.847	-1.442	-0.103	1.319	3.100	5.324	7.701	9.578	10.152	8.782
531	5.30	5.302	0.205	-5.384	-10.007	-12.373	-11.900	-9.059	-5.283	-2.396	-1.750
541	5.40	-3.470	-6.251	-7.915	-6.574	-1.833	4.647	9.669	10.009	4.236	-6.118
551	5.50	-16.810	-22.633	-19.930	-8.647	7.246	21.334	27.737	24.027	12.578	-0.486
561	5.60	-8.332	-6.990	2.423	14.068	20.302	15.761	0.487	-19.596	-35.282	-38.584
571	5.70	-26.904	-4.693	18.359	31.860	29.792	13.584	-8.415	-24.900	-27.136	-13.336
581	5.80	10.296	32.412	41.923	33.347	9.516	-19.682	-41.904	-48.090	-36.584	-13.721
591	5.90	9.351	22.018	19.133	3.217	-17.036	-31.123	-31.806	-18.459	2.852	22.484
601	6.00	31.941	27.887	13.564	-3.002	-13.044	-11.332	1.368	18.806	32.402	35.464
611	6.10	26.390	9.346	-7.872	-17.659	-16.238	-5.310	9.012	19.394	20.956	13.582
621	6.20	1.734	-8.051	-10.673	-5.123	5.065	13.791	15.728	9.250	-2.632	-13.831
631	6.30	-18.458	-14.045	-3.000	8.571	14.107	10.229	-1.188	-13.703	-19.540	-13.763
641	6.40	2.729	23.060	37.304	37.182	20.263	-8.425	-38.251	-57.524	-58.631	-41.400
651	6.50	-13.167	14.558	30.886	30.225	14.206	-9.434	-30.439	-40.326	-35.538	-18.281
661	6.60	4.952	26.238	39.130	40.509	30.996	14.157	-4.880	-20.838	-29.450	-28.323
671	6.70	-17.524	0.219	19.941	35.669	42.286	37.463	22.820	3.615	-13.130	-21.444
681	6.80	-18.929	-7.806	6.101	16.063	17.558	10.308	-1.776	-12.707	-17.510	-14.703
691	6.90	-6.881	0.886	3.955	0.753	-6.316	-12.220	-12.220	-4.781	7.162	17.387
701	7.00	19.522	10.563	-7.089	-26.243	-38.041	-36.127	-19.849	5.142	29.231	43.066
711	7.10	41.667	26.505	4.638	-14.611	-23.790	-20.334	-7.162	9.195	21.864	26.608
721	7.20	23.205	14.780	5.738	-0.479	-2.672	-1.724	0.612	3.073	5.523	8.557
731	7.30	12.450	16.261	17.811	14.695	5.817	-7.473	-21.404	-31.160	-33.013	-26.162
741	7.40	-13.309	0.401	9.614	11.108	5.114	-4.996	-14.434	-19.255	-18.015	-12.078
751	7.50	-4.552	1.480	4.455	4.808	4.286	4.618	6.337	8.454	9.114	6.814
761	7.60	1.451	-5.422	-11.280	-13.863	-12.274	-7.374	-1.282	3.686	6.029	5.522
771	7.70	2.950	-0.571	-4.216	-7.608	-10.488	-12.236	-11.729	-7.794	-0.105	10.022
781	7.80	19.551	24.660	22.397	12.295	-2.964	-18.322	-28.341	-29.548	-21.982	-9.148
791	7.90	3.632	11.679	13.001	8.939	3.129	-0.582	-0.136	3.877	8.878	11.991
801	8.00	11.743	8.762	5.115	2.759	2.123	1.773	-0.540	-6.073	-13.659	-19.710
811	8.10	-19.901	-11.766	3.242	19.569	29.678	27.631	12.389	-10.973	-32.998	-43.919
821	8.20	-38.196	-17.314	10.619	34.375	44.579	37.798	17.818	-6.415	-25.080	-31.850
831	8.30	-26.268	-13.173	0.270	8.238	8.718	3.691	-2.746	-7.021	-7.951	-6.854
841	8.40	-6.082	-7.061	-9.141	-9.991	-7.261	-0.434	8.389	15.341	16.886	11.945
851	8.50	2.756	-6.136	-10.280	-7.790	-0.456	7.195	10.428	7.032	-1.317	-9.878
861	8.60	-13.478	-9.512	0.380	10.964	16.138	12.295	0.693	-13.806	-23.387	-22.973
871	8.70	-12.035	4.786	19.909	26.561	22.133	9.443	-4.741	-13.112	-11.429	-0.512
881	8.80	14.301	25.890	28.811	21.772	7.971	-6.718	-16.666	-19.026	-14.677	-7.303
891	8.90	-1.234	0.746	-1.466	-5.647	-8.764	-8.737	-5.535	-1.087	1.849	1.219
901	9.00	-3.169	-9.427	-14.372	-14.934	-9.551	1.037	13.918	24.996	30.468	28.245
911	9.10	18.791	5.071	-8.433	-17.300	-18.805	-12.972	-2.607	7.786	13.815	13.016
921	9.20	5.910	-4.209	-12.692	-15.582	-11.367	-1.647	9.581	17.707	19.499	14.411
931	9.30	4.630	-6.081	-14.110	-17.437	-16.159	-11.951	-6.905	-2.447	1.118	4.251
941	9.40	7.393	10.287	11.909	11.056	7.228	1.233	-4.926	-8.896	-9.140	-5.777
951	9.50	-0.608	3.726	5.053	2.753	-1.914	-6.413	-8.144	-5.642	0.799	9.313
961	9.60	17.297	22.409	23.292	19.791	12.741	3.598	-5.859	-13.716	-18.133	-17.753
971	9.70	-12.275	-2.965	7.328	14.901	16.579	11.223	0.589	-11.031	-18.449	-17.877
981	9.80	-8.824	5.375	18.801	25.505	22.215	9.937	-6.387	-20.021	-25.405	-20.570
991	9.90	-7.884	7.154	18.440	21.854	16.765	5.861	-6.417	-15.915	-20.304	-19.504

Table 7-57-3

TABLE OF CORRECTED ACCELERATION RECORD

NO. 3

INDEX NO. 1249 1322-BK-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -139.112 (GAL) T= 14.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-15.059	-9.053	-3.234	1.269	3.759	3.722	0.925	-4.129	-9.765	-13.263
1011	10.10	-11.824	-4.090	8.582	21.964	30.356	29.124	17.214	-1.727	-20.445	-31.125
1021	10.20	-29.023	-14.925	5.002	21.991	28.874	23.598	10.223	-3.192	-8.811	-3.189
1031	10.30	10.796	25.352	31.845	25.457	7.957	-12.937	-27.373	-28.433	-15.813	3.832
1041	10.40	20.138	24.246	13.311	-8.006	-29.838	-41.995	-38.948	-22.355	0.043	18.493
1051	10.50	26.066	21.628	9.873	-1.988	-8.332	-8.077	-4.780	-3.966	-9.308	-19.932
1061	10.60	-30.460	-33.865	-25.589	-6.623	16.271	33.488	37.252	25.634	3.786	-18.327
1071	10.70	-30.626	-27.726	-11.464	10.112	26.692	30.650	20.534	1.452	-17.678	-28.530
1081	10.80	-27.205	-15.689	-0.382	11.342	14.731	9.627	0.003	-8.487	-11.501	-8.020
1091	10.90	-0.429	7.158	11.289	10.939	7.769	4.857	4.717	7.749	11.985	14.234
1101	11.00	11.974	4.928	-4.548	-12.497	-15.291	-11.470	-2.546	7.659	14.797	16.037
1111	11.10	11.355	3.462	-3.563	-6.264	-3.438	3.342	10.521	14.242	12.095	4.119
1121	11.20	-7.328	-18.669	-26.586	-29.161	-26.235	-18.992	-9.147	1.728	12.399	21.727
1131	11.30	28.309	30.452	26.673	16.579	1.611	-14.861	-28.373	-34.899	-32.464	-22.057
1141	11.40	-7.366	6.625	15.576	17.410	12.911	5.079	-2.375	-6.627	-6.714	-3.512
1151	11.50	1.099	5.322	8.175	9.544	9.676	8.574	5.757	0.612	-6.881	-15.524
1161	11.60	-22.876	-25.997	-22.705	-12.755	1.672	16.484	27.040	29.820	23.707	10.388
1171	11.70	-6.250	-21.439	-31.036	-32.699	-26.413	-14.293	0.181	13.229	21.835	24.559
1181	11.80	21.866	15.853	9.437	5.211	4.414	6.423	9.058	9.622	6.234	-1.164
1191	11.90	-10.643	-19.080	-23.559	-22.667	-17.036	-8.885	-0.824	5.382	9.401	11.996
1201	12.00	14.034	15.533	15.427	12.273	5.490	-3.683	-12.261	-16.768	-15.119	-8.029
1211	12.10	0.956	7.054	6.736	-0.206	-10.238	-17.710	-17.804	-9.238	4.762	17.905
1221	12.20	24.009	20.278	8.858	-4.222	-12.231	-11.346	-2.697	8.320	15.136	13.808
1231	12.30	5.390	-4.542	-9.042	-3.930	9.395	24.154	31.475	25.139	5.269	-21.065
1241	12.40	-42.809	-50.068	-38.871	-13.182	16.847	39.496	46.675	37.215	16.815	-5.097
1251	12.50	-19.837	-23.074	-15.988	-3.796	7.264	12.804	11.688	5.618	-2.447	-9.939
1261	12.60	-15.516	-18.916	-20.270	-19.575	-16.710	-11.858	-5.831	0.119	5.012	8.866
1271	12.70	12.789	18.149	25.202	32.071	34.990	30.061	15.796	-4.991	-25.324	-36.654
1281	12.80	-32.972	-14.407	11.756	33.627	39.999	25.969	-3.990	-37.327	-58.839	-57.830
1291	12.90	-33.537	3.969	38.113	53.470	43.133	12.184	-24.520	-49.294	-50.013	-25.917
1301	13.00	11.953	45.915	59.907	46.929	12.185	-29.441	-60.239	-67.549	-49.019	-13.016
1311	13.10	25.676	52.592	59.532	47.166	23.517	-0.488	-16.014	-19.565	-13.331	-3.021
1321	13.20	5.328	7.900	3.996	-4.620	-15.110	-24.672	-30.918	-31.747	-25.376	-11.007
1331	13.30	10.013	33.325	51.971	58.502	48.241	22.207	-11.997	-42.289	-56.755	-48.940
1341	13.40	-21.267	15.305	45.609	56.848	44.439	14.292	-19.732	-42.146	-43.043	-22.746
1351	13.50	8.364	34.802	43.390	29.545	-0.548	-32.904	-52.361	-49.666	-25.638	9.445
1361	13.60	40.782	55.800	49.492	25.967	-4.189	-29.157	-41.037	-38.538	-26.292	-11.602
1371	13.70	-0.601	4.210	4.069	2.117	1.003	1.396	2.139	1.652	-0.519	-3.136
1381	13.80	-4.083	-2.023	2.230	5.660	4.530	-3.319	-16.664	-30.751	-39.093	-36.475
1391	13.90	-21.692	1.385	25.041	40.752	42.669	29.969	7.106	-18.082	-37.448	-45.461
1401	14.00	-40.843	-26.443	-7.699	9.507	20.719	23.923	19.617	10.162	-1.192	-11.284
1411	14.10	-17.820	-19.829	-17.732	-13.006	-7.486	-2.538	1.577	5.811	11.782	20.728
1421	14.20	32.452	44.779	53.922	55.715	47.278	28.433	2.257	-25.499	-47.974	-59.188
1431	14.30	-55.835	-38.318	-10.751	20.036	46.244	61.173	61.086	46.359	21.491	-6.184
1441	14.40	-28.781	-40.461	-39.361	-28.029	-12.116	2.185	10.789	13.193	12.024	10.913
1451	14.50	11.881	13.774	12.825	5.209	-9.739	-27.630	-39.920	-37.684	-16.657	19.066
1461	14.60	57.003	80.574	76.209	40.062	-19.011	-82.034	-127.258	-139.112	-114.653	-64.488
1471	14.70	-7.734	36.566	57.451	55.718	41.730	28.799	25.734	32.465	40.910	40.407
1481	14.80	24.626	-3.895	-34.148	-51.888	-46.999	-19.115	21.512	58.465	76.768	69.831
1491	14.90	42.297	7.415	-19.644	-29.141	-21.110	-4.658	7.291	5.009	-12.820	-38.265

Table 7-57-4

TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 1249 1322-BK-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -139.112 (GAL) T= 14.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-58.022	-60.024	-39.521	-1.714	40.225	70.738	78.433	60.670	24.296	-17.530
1511	15.10	-50.787	-65.873	-60.581	-39.862	-12.894	10.973	25.617	29.645	25.747	18.570
1521	15.20	12.282	8.902	7.973	7.479	5.375	0.934	-4.752	-9.287	-10.259	-6.649
1531	15.30	0.315	7.343	10.322	6.156	-5.573	-21.907	-37.242	-45.330	-41.850	-26.466
1541	15.40	-3.445	19.601	34.477	35.619	22.445	-0.193	-23.745	-39.226	-40.712	-27.607
1551	15.50	-4.754	19.648	37.395	43.477	37.766	24.540	10.175	0.122	-3.439	-2.197
1561	15.60	-0.392	-2.262	-9.550	-20.304	-29.572	-31.692	-23.098	-4.302	19.909	42.180
1571	15.70	55.470	55.799	43.662	23.569	1.818	-15.620	-25.875	-28.998	-27.303	-23.548
1581	15.80	-19.401	-14.932	-9.287	-1.998	5.977	12.227	13.997	9.877	1.070	-8.579
1591	15.90	-14.027	-11.342	0.217	17.457	34.308	44.270	43.152	30.801	11.048	-10.065
1601	16.00	-26.893	-36.362	-38.743	-36.794	-33.857	-31.970	-30.971	-28.966	-23.810	-14.718
1611	16.10	-3.124	7.685	13.966	13.241	5.521	-6.538	-18.568	-26.089	-26.099	-18.092
1621	16.20	-4.184	11.587	24.538	30.794	28.555	18.819	5.293	-6.631	-11.670	-6.734
1631	16.30	7.506	26.312	42.269	48.065	39.645	18.367	-8.993	-32.657	-43.822	-38.493
1641	16.40	-19.365	5.260	25.161	32.839	26.909	12.572	-1.113	-5.865	1.583	17.768
1651	16.50	34.196	41.611	34.699	14.812	-10.640	-31.838	-41.341	-37.570	-25.235	-12.539
1661	16.60	-6.707	-10.190	-19.538	-27.482	-27.055	-15.530	3.927	23.762	35.856	35.632
1671	16.70	24.284	7.990	-5.412	-10.456	-6.659	1.653	8.084	7.937	0.902	-8.800
1681	16.80	-14.873	-12.635	-1.891	12.622	23.502	24.509	13.902	-4.474	-22.991	-33.986
1691	16.90	-33.546	-23.354	-9.651	0.124	1.279	-5.664	-15.245	-19.950	-14.223	2.442
1701	17.00	24.885	44.469	52.982	46.370	26.528	0.394	-23.107	-36.730	-37.504	-27.198
1711	17.10	-10.752	6.275	19.886	28.461	32.125	31.406	26.235	15.998	0.606	-18.214
1721	17.20	-36.431	-48.663	-50.353	-40.153	-21.188	-0.304	14.598	18.020	9.468	-6.169
1731	17.30	-20.760	-26.723	-20.627	-4.890	13.336	25.568	26.077	14.644	-3.352	-19.563
1741	17.40	-26.734	-22.179	-9.008	5.494	13.492	10.438	-2.748	-20.135	-33.594	-36.502
1751	17.50	-26.572	-6.530	17.501	38.926	53.385	59.984	60.641	58.159	54.248	48.584
1761	17.60	39.358	24.877	5.209	-17.103	-37.680	-51.976	-57.075	-52.738	-41.221	-26.086
1771	17.70	-10.699	2.810	13.726	22.189	28.400	32.155	32.944	30.428	24.865	17.127
1781	17.80	8.256	-1.071	-10.729	-20.727	-30.397	-37.274	-39.785	-33.476	-17.833	4.750
1791	17.90	28.360	45.244	48.818	36.712	12.343	-15.942	-38.018	-46.141	-38.226	-18.708
1801	18.00	3.471	18.831	21.430	11.158	-6.747	-24.584	-35.955	-38.519	-34.459	-28.625
1811	18.10	-25.493	-26.651	-30.134	-31.854	-28.236	-18.499	-5.261	6.865	13.909	14.928
1821	18.20	12.739	12.547	19.119	34.007	54.307	73.665	85.054	83.939	70.235	48.139
1831	18.30	24.007	3.470	-10.700	-18.943	-23.458	-25.962	-26.069	-21.327	-8.982	11.524
1841	18.40	36.819	59.823	72.151	67.709	45.812	12.226	-22.558	-47.209	-53.967	-41.693
1851	18.50	-16.259	11.863	31.580	35.425	21.783	-4.979	-36.612	-64.116	-80.595	-82.929
1861	18.60	-71.952	-51.518	-27.062	-4.206	12.322	19.491	16.553	5.375	-9.732	-22.914
1871	18.70	-28.419	-22.612	-5.631	18.105	40.953	54.491	52.533	33.568	1.620	-34.855
1881	18.80	-65.673	-82.222	-80.172	-60.694	-29.864	3.371	29.901	42.962	39.789	22.105
1891	18.90	-4.507	-32.125	-52.547	-59.455	-50.234	-26.916	4.136	33.929	53.580	57.286
1901	19.00	44.467	20.179	-6.530	-25.841	-30.770	-19.764	2.822	28.559	48.338	55.917
1911	19.10	50.115	34.819	16.894	3.035	-3.002	-1.609	3.448	7.259	6.325	0.202
1921	19.20	-8.438	-15.269	-16.478	-10.587	0.910	14.288	25.268	30.794	30.088	24.203
1931	19.30	17.020	9.870	4.470	0.623	-2.869	-7.233	-12.818	-18.721	-23.088	-23.944
1941	19.40	-20.136	-11.980	-1.331	8.943	15.875	17.351	12.770	3.205	-8.962	-20.786
1951	19.50	-29.627	-33.859	-33.213	-28.667	-21.954	-14.888	-8.755	-4.007	-0.337	2.915
1961	19.60	6.226	9.498	11.996	12.664	10.697	6.081	-0.148	-6.103	-9.542	-9.156
1971	19.70	-4.194	4.308	14.332	23.463	29.697	32.024	30.598	26.445	20.908	15.109
1981	19.80	9.655	4.712	0.313	-3.294	-5.529	-5.696	-3.436	0.801	5.595	8.854
1991	19.90	8.561	3.669	-5.240	-15.895	-24.989	-29.359	-27.240	-19.062	-7.426	3.797

Table 7-57-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1249 1322-BK-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -139.112 (GAL) T= 14.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	10.929	11.913	7.142	-0.688	-7.659	-10.165	-6.455	2.732	14.404	24.506
2011	20.10	29.510	27.766	20.069	9.248	-1.052	-7.854	-9.982	-8.384	-5.519	-4.099
2021	20.20	-5.745	-10.161	-15.211	-17.893	-15.805	-8.467	2.269	12.473	18.007	16.024
2031	20.30	6.450	-7.755	-21.593	-29.946	-29.656	-20.858	-6.998	6.536	14.599	14.389
2041	20.40	6.554	-5.128	-15.370	-19.568	-15.648	-4.797	9.145	21.320	27.769	26.830
2051	20.50	19.531	8.917	-1.288	-8.087	-10.153	-8.045	-3.735	0.272	1.880	0.109
2061	20.60	-4.597	-10.515	-15.213	-16.601	-12.837	-4.982	4.907	13.417	17.230	14.558
2071	20.70	6.141	-4.770	-13.581	-16.329	-11.588	-1.393	9.419	15.289	12.585	1.547
2081	20.80	-13.472	-25.738	-29.140	-21.082	-3.863	16.175	31.396	36.230	29.562	15.006
2091	20.90	-1.009	-12.355	-15.964	-12.890	-7.241	-3.651	-4.673	-9.485	-14.533	-15.693
2101	21.00	-10.741	-0.776	10.159	17.038	16.353	7.853	-5.341	-18.213	-26.103	-26.575
2111	21.10	-20.055	-9.110	3.033	13.837	21.980	27.010	28.593	26.083	18.814	6.973
2121	21.20	-7.595	-21.338	-30.037	-30.538	-22.332	-8.042	7.567	19.651	25.421	25.207
2131	21.30	21.896	19.040	18.685	20.172	20.611	16.811	7.581	-4.940	-15.838	-19.705
2141	21.40	-13.557	1.174	18.724	31.309	32.624	20.860	-0.252	-22.936	-38.710	-42.006
2151	21.50	-32.376	-14.336	6.951	18.935	24.299	21.787	15.048	8.307	4.148	2.527
2161	21.60	1.363	-1.787	-8.006	-16.221	-23.722	-27.663	-26.662	-21.605	-15.227	-10.686
2171	21.70	-9.874	-12.368	-15.534	-15.761	-10.245	1.527	17.255	32.506	42.318	43.070
2181	21.80	33.891	17.103	-2.472	-19.060	-27.830	-26.511	-16.186	-0.988	13.255	21.019
2191	21.90	19.083	7.806	-8.850	-24.547	-33.354	-31.145	-18.174	1.368	20.786	33.443
2201	22.00	35.296	26.349	10.423	-6.636	-19.457	-25.250	-24.567	-20.474	-16.640	-15.334
2211	22.10	-16.354	-17.386	-15.544	-9.225	0.737	11.266	18.523	19.909	15.539	8.325
2221	22.20	2.713	2.396	8.409	18.406	27.610	31.006	25.739	12.585	-4.237	-18.836
2231	22.30	-26.164	-24.127	-14.329	-1.165	10.232	16.187	15.815	10.943	4.804	0.246
2241	22.40	-1.603	-1.608	-1.781	-3.887	-8.283	-13.647	-17.704	-18.548	-15.813	-11.027
2251	22.50	-6.938	-6.133	-9.658	-16.362	-23.324	-27.167	-25.628	-18.607	-8.189	2.346
2261	22.60	10.021	13.439	13.213	11.402	10.282	11.125	13.589	16.026	16.494	13.911
2271	22.70	8.739	2.821	-1.520	-2.660	-0.503	3.462	6.903	7.804	5.449	0.733
2281	22.80	-4.319	-7.568	-7.778	-5.118	-0.948	2.982	5.431	6.207	6.070	6.104
2291	22.90	6.944	8.326	9.219	8.482	5.665	1.470	-2.417	-4.100	-2.443	2.260
2301	23.00	8.328	13.444	15.781	14.886	11.890	8.850	7.623	8.794	11.292	12.914
2311	23.10	11.520	6.287	-1.666	-9.654	-14.677	-14.922	-10.746	-4.587	0.206	1.081
2321	23.20	-2.360	-8.054	-12.447	-12.297	-6.398	3.644	14.056	20.672	20.987	15.462
2331	23.30	7.378	1.282	0.752	6.582	16.294	25.237	28.742	24.300	12.707	-2.345
2341	23.40	-15.970	-24.225	-25.629	-21.388	-14.363	-7.423	-2.127	1.607	4.776	8.064
2351	23.50	10.941	11.693	8.438	0.507	-10.657	-21.736	-28.952	-29.955	-25.184	-17.863
2361	23.60	-12.494	-12.523	-18.385	-26.986	-33.037	-31.659	-21.006	-3.559	14.657	26.621
2371	23.70	27.479	16.772	-1.334	-19.927	-32.426	-35.357	-29.525	-19.121	-9.308	-3.607
2381	23.80	-2.401	-3.243	-2.713	1.295	8.098	14.400	16.011	10.206	-2.540	-18.369
2391	23.90	-31.545	-36.932	-32.234	-18.949	-1.630	14.135	24.024	26.517	23.057	16.945
2401	24.00	11.628	9.250	10.063	12.811	15.686	17.286	17.110	15.488	13.149	10.804
2411	24.10	8.974	8.065	8.498	10.651	14.562	19.572	24.204	26.527	24.947	19.106
2421	24.20	10.376	1.593	-3.983	-4.081	1.463	10.449	19.123	23.735	22.146	14.748
2431	24.30	4.251	-5.543	-11.425	-12.115	-8.673	-3.837	-0.654	-1.075	-5.177	-11.291
2441	24.40	-16.911	-19.880	-19.272	-15.612	-10.417	-5.379	-1.623	0.609	1.771	2.526
2451	24.50	3.258	3.857	3.855	2.779	0.483	-2.715	-6.172	-9.207	-11.353	-12.453
2461	24.60	-12.559	-11.748	-10.016	-7.324	-3.775	0.202	3.889	6.488	7.529	7.188
2471	24.70	6.335	6.188	7.704	10.971	14.939	17.694	17.204	12.255	3.128	-8.319
2481	24.80	-19.257	-26.932	-29.717	-27.687	-22.470	-16.466	-11.804	-9.538	-9.429	-10.365
2491	24.90	-11.145	-11.190	-10.789	-10.789	-11.909	-14.120	-16.455	-17.403	-15.701	-11.079

Table 7-57-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1249 1322-BK-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -139.112 (GAL) T= 14.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-4.550	1.973	6.559	8.193	7.270	5.348	4.286	5.191	7.763	10.396
2511	25.10	11.041	8.377	2.687	-4.064	-9.039	-9.852	-5.757	1.917	10.317	16.354
2521	25.20	18.090	15.556	10.604	5.913	3.654	4.510	7.503	10.662	12.131	11.110
2531	25.30	8.164	4.786	2.530	2.230	3.714	6.142	8.673	11.025	13.551	16.789
2541	25.40	20.782	24.652	26.773	25.539	20.347	12.213	3.603	-2.566	-4.284	-1.505
2551	25.50	3.712	8.093	8.701	4.359	-3.750	-12.665	-19.100	-21.054	-18.741	-14.381
2561	25.60	-10.949	-10.570	-13.387	-17.519	-20.111	-18.926	-13.628	-6.049	0.693	3.779
2571	25.70	2.146	-2.970	-8.677	-11.943	-11.167	-6.991	-1.904	1.145	0.397	-3.676
2581	25.80	-8.520	-10.791	-8.126	-0.501	9.559	18.061	21.406	18.119	9.604	-0.471
2591	25.90	-7.855	-9.662	-5.654	1.736	8.621	11.507	8.886	1.846	-6.540	-12.699
2601	26.00	-14.168	-10.598	-3.729	3.560	8.588	9.959	7.930	3.985	-0.058	-2.902
2611	26.10	-4.177	-4.277	-3.810	-3.069	-1.827	0.424	3.968	8.423	12.663	15.197
2621	26.20	14.821	11.221	5.191	-1.649	-7.523	-11.215	-12.501	-12.109	-11.249	-10.982
2631	26.30	-11.742	-13.220	-14.633	-15.176	-14.415	-12.418	-9.612	-6.477	-3.304	-0.145
2641	26.40	3.029	6.101	8.883	10.214	10.240	8.719	6.161	3.484	1.638	1.181
2651	26.50	2.048	3.623	5.125	6.034	6.384	6.690	7.580	9.316	11.502	13.174
2661	26.60	13.270	11.239	7.464	3.228	0.172	-0.508	1.258	4.231	6.332	5.573
2671	26.70	1.059	-6.448	-14.686	-20.749	-22.282	-18.498	-10.545	-1.083	6.761	10.586
2681	26.80	9.570	4.633	-2.078	-8.123	-11.674	-12.034	-9.635	-5.611	-1.237	2.496
2691	26.90	5.016	6.072	5.574	3.538	0.207	-3.774	-7.294	-8.994	-7.765	-3.323
2701	27.00	3.424	10.481	15.392	16.189	12.260	4.736	-3.841	-10.464	-12.860	-10.414
2711	27.10	-4.408	2.525	7.513	8.631	5.649	0.043	-5.702	-9.166	-8.957	-5.164
2721	27.20	0.823	6.994	11.540	13.457	12.716	10.041	6.466	2.937	0.114	-1.624
2731	27.30	-2.083	-1.212	0.835	3.578	6.189	7.658	7.159	4.455	0.123	-4.564
2741	27.40	-8.128	-9.502	-8.559	-6.167	-3.844	-2.991	-4.205	-6.941	-9.723	-10.826
2751	27.50	-9.109	-4.621	1.364	6.849	9.959	9.727	6.468	1.606	-2.957	-5.600
2761	27.60	-5.560	-3.092	0.779	4.751	7.728	9.108	8.820	7.186	4.735	2.059
2771	27.70	-0.246	-1.640	-1.721	-0.365	2.169	5.239	7.995	9.690	9.988	9.112
2781	27.80	7.741	6.676	6.445	7.032	7.897	8.262	7.535	5.629	3.018	0.485
2791	27.90	-1.295	-2.108	-2.307	-2.603	-3.664	-5.729	-8.461	-11.108	-12.882	-13.351
2801	28.00	-12.630	-11.287	-10.009	-9.231	-8.919	-8.621	-7.727	-5.806	-2.823	0.848
2811	28.10	4.585	7.746	9.823	10.479	9.503	6.801	2.484	-2.965	-8.578	-12.977
2821	28.20	-14.743	-12.949	-7.652	-0.062	7.771	13.675	16.203	15.196	11.806	7.912
2831	28.30	5.221	4.471	5.142	5.819	5.026	2.091	-2.400	-6.822	-9.295	-8.648
2841	28.40	-5.056	-0.032	4.249	5.940	4.354	0.220	-4.747	-8.713	-10.587	-10.446
2851	28.50	-9.338	-8.591	-9.043	-10.570	-12.190	-12.628	-11.057	-7.598	-3.314	0.281
2861	28.60	1.945	1.301	-1.007	-3.642	-5.210	-4.874	-2.669	0.622	3.918	6.362
2871	28.70	7.666	8.119	8.299	8.663	9.236	9.561	8.910	6.663	2.660	-2.831
2881	28.80	-8.200	-12.802	-15.365	-15.350	-12.931	-8.945	-4.611	-1.126	0.735	0.864
2891	28.90	-0.175	-1.405	-1.854	-0.976	1.110	3.688	5.788	6.669	6.198	4.947
2901	29.00	3.918	4.025	5.576	8.023	10.127	10.496	8.236	3.424	-2.856	-8.931
2911	29.10	-13.228	-14.908	-14.150	-11.970	-9.680	-8.282	-8.078	-8.673	-9.334	-9.461
2921	29.20	-8.927	-8.093	-7.528	-7.603	-8.217	-8.798	-8.593	-7.080	-4.275	-0.762
2931	29.30	2.554	4.857	5.763	5.453	4.526	3.692	3.654	3.938	4.914	5.962
2941	29.40	6.671	6.776	6.193	5.004	3.430	1.835	0.716	0.637	2.052	5.072
2951	29.50	9.269	13.672	17.007	18.148	16.594	12.757	7.882	3.604	1.300	1.525
2961	29.60	3.781	6.738	8.807	8.827	6.545	2.694	-1.335	-4.056	-4.660	-2.941
2971	29.70	0.336	3.989	6.850	8.171	7.809	6.160	3.918	1.791	0.277	-0.418
2981	29.80	-0.342	0.315	1.343	2.583	3.928	5.273	6.440	7.135	6.981	5.633
2991	29.90	2.952	-0.828	-5.040	-8.694	-10.757	-10.543	-8.040	-4.036	0.074	2.744

Table 7-57-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1249 1322-BK-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -139.112 (GAL) T= 14.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	2.858	0.187	-4.682	-9.621	-13.562	-15.055	-13.916	-10.890	-7.401	-4.932
3011	30.10	-4.441	-6.029	-8.974	-12.092	-14.219	-14.624	-13.190	-10.334	-6.766	-3.192
3021	30.20	-0.133	2.164	3.683	4.560	5.008	5.272	5.586	6.136	7.003	8.125
3031	30.30	9.296	10.222	10.612	10.268	9.138	7.314	5.003	2.493	0.137	-1.664
3041	30.40	-2.510	-2.114	-0.451	2.121	4.869	6.071	7.361	6.078	3.466	0.573
3051	30.50	-1.359	-1.434	0.444	3.478	6.285	7.525	6.521	3.589	-0.114	-3.155
3061	30.60	-4.536	-4.179	-2.940	-2.127	-2.778	-5.057	-8.107	-10.440	-10.673	-8.242
3071	30.70	-3.722	1.409	5.453	7.263	6.742	4.804	2.866	2.134	3.059	5.223
3081	30.80	7.671	9.494	10.300	10.348	10.275	10.604	11.337	11.875	11.331	9.058
3091	30.90	5.109	0.348	-3.860	-6.242	-6.190	-4.027	-0.825	2.121	3.898	4.339
3101	31.00	3.981	3.654	3.932	4.748	5.396	4.906	2.615	-1.386	-6.158	-10.254
3111	31.10	-12.337	-11.781	-8.968	-5.124	-1.766	-0.022	-0.130	-1.352	-2.349	-1.840
3121	31.20	0.756	4.986	9.499	12.596	12.951	10.200	5.140	-0.555	-4.983	-6.755
3131	31.30	-5.535	-2.151	1.746	4.344	4.370	1.563	-3.264	-8.568	-12.677	-14.400
3141	31.40	-13.418	-10.330	-6.367	-2.915	-1.038	-1.180	-3.105	-6.069	-9.116	-11.389
3151	31.50	-12.339	-11.815	-10.045	-7.525	-4.895	-2.796	-1.743	-2.012	-3.571	-6.070
3161	31.60	-8.916	-11.621	-12.987	-13.275	-12.293	-10.376	-8.068	-5.944	-4.456	-3.831
3171	31.70	-4.061	-4.959	-6.242	-7.614	-8.812	-9.632	-9.969	-9.729	-9.053	-8.111
3181	31.80	-7.168	-6.476	-6.179	-6.222	-6.347	-6.157	-5.280	-3.539	-1.081	1.611
3191	31.90	3.851	4.986	4.674	3.073	0.874	-0.870	-1.094	0.883	5.038	10.552
3201	32.00	16.014	19.865	20.967	19.064	14.960	10.290	6.961	6.425	9.090	14.102
3211	32.10	19.613	23.463	24.019	20.815	14.753	7.746	1.968	-0.998	-0.741	1.885
3221	32.20	5.205	7.465	7.563	5.447	2.031	-1.298	-3.330	-3.544	-2.254	-0.374
3231	32.30	1.050	1.310	0.274	-1.674	-3.929	-5.994	-7.683	-9.105	-10.465	-11.837
3241	32.40	-13.048	-13.741	-13.589	-12.519	-10.813	-9.017	-7.692	-7.151	-7.304	-7.719
3251	32.50	-7.851	-7.330	-6.153	-4.689	-3.481	-2.965	-3.252	-4.073	-4.925	-5.333
3261	32.60	-5.086	-4.338	-3.517	-3.096	-3.341	-4.164	-5.135	-5.658	-5.206	-3.527
3271	32.70	-0.725	2.787	6.441	9.684	12.123	13.591	14.151	14.046	13.624	13.245
3281	32.80	13.177	13.508	14.093	14.584	14.542	13.625	11.769	9.293	6.839	5.162
3291	32.90	4.829	5.956	8.115	10.458	12.042	12.202	10.826	8.389	5.742	3.731
3301	33.00	2.833	2.972	3.593	3.953	3.488	2.078	0.083	-1.855	-3.127	-3.444
3311	33.10	-2.942	-2.068	-1.321	-0.978	-0.974	-0.969	-0.582	0.356	1.662	2.857
3321	33.20	3.395	2.942	1.559	-0.307	-2.033	-3.116	-3.417	-3.213	-3.047	-3.440
3331	33.30	-4.612	-6.358	-8.130	-9.289	-9.399	-8.421	-6.715	-4.861	-3.387	-2.547
3341	33.40	-2.239	-2.099	-1.710	-0.815	0.556	2.115	3.451	4.226	4.316	3.855
3351	33.50	3.175	2.666	2.641	3.220	4.309	5.623	6.777	7.389	7.194	6.127
3361	33.60	4.358	2.262	0.316	-1.053	-1.614	-1.420	-0.775	-0.107	0.232	0.125
3371	33.70	-0.256	-0.538	-0.371	0.367	1.441	2.306	2.315	1.017	-1.629	-5.188
3381	33.80	-8.887	-11.901	-13.655	-14.014	-13.293	-12.086	-11.013	-10.690	-10.618	-11.194
3391	33.90	-11.833	-12.109	-11.669	-10.307	-7.988	-4.876	-1.335	2.093	4.785	6.211
3401	34.00	6.136	4.780	2.813	1.164	0.680	1.757	4.121	6.884	8.878	9.147
3411	34.10	7.388	4.132	0.578	-1.882	-2.236	-0.276	3.306	7.201	10.012	10.812
3421	34.20	9.486	6.734	3.741	1.686	1.286	2.566	4.908	7.352	8.977	9.224
3431	34.30	8.040	5.813	3.156	0.643	-1.398	-2.961	-4.307	-5.786	-7.639	-9.846
3441	34.40	-12.084	-13.826	-14.554	-13.996	-12.303	-10.058	-8.107	-7.239	-7.853	-9.755
3451	34.50	-12.194	-14.148	-14.761	-13.737	-11.510	-9.080	-7.584	-7.754	-9.534	-12.033
3461	34.60	-13.853	-13.685	-10.887	-5.813	0.287	5.732	9.074	9.639	7.750	4.534
3471	34.70	1.420	-0.437	-0.559	0.764	2.721	4.386	5.122	4.780	3.675	2.367
3481	34.80	1.394	1.082	1.483	2.435	3.674	4.920	5.915	6.437	6.314	5.499
3491	34.90	4.152	2.687	1.711	1.838	3.419	6.309	9.794	12.756	14.043	12.915

Table 7-57-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1249 1322-BK-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -139.112 (GAL) T= 14.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	9.380	4.269	-1.023	-5.026	-6.747	-6.038	-3.641	-0.877	0.904	0.873
3511	35.10	-0.940	-3.669	-5.985	-6.665	-5.120	-1.664	2.586	6.147	7.763	6.910
3521	35.20	4.014	0.287	-2.747	-3.834	-2.452	1.031	5.571	9.901	13.041	14.627
3531	35.30	14.933	14.598	14.218	14.004	13.699	12.784	10.857	8.003	4.906	2.642
3541	35.40	2.210	4.014	7.571	11.590	14.441	14.804	12.227	7.313	1.474	-3.667
3551	35.50	-6.928	-8.003	-7.471	-6.415	-5.860	-6.286	-7.482	-8.752	-9.360	-8.965
3561	35.60	-7.802	-6.542	-5.912	-6.294	-7.522	-8.990	-9.992	-10.108	-9.418	-8.426
3571	35.70	-7.746	-7.724	-8.233	-8.742	-8.642	-7.631	-5.943	-4.266	-3.383	-3.715
3581	35.80	-5.034	-6.509	-7.086	-6.036	-3.363	0.131	3.204	4.763	4.414	2.677
3591	35.90	0.746	-0.094	0.885	3.478	6.618	8.888	9.208	7.370	4.152	0.969
3601	36.00	-0.791	-0.401	1.886	4.984	7.498	8.376	7.363	5.075	2.664	1.261
3611	36.10	1.463	3.101	5.371	7.225	7.845	6.951	4.849	2.226	-0.183	-1.879
3621	36.20	-2.713	-2.822	-2.457	-1.821	-0.997	-0.006	1.095	2.132	2.842	2.991
3631	36.30	2.529	1.677	0.885	0.647	1.260	2.632	4.254	5.362	5.254	3.600
3641	36.40	0.642	-2.843	-5.808	-7.329	-6.968	-4.964	-2.147	0.368	1.617	1.151
3651	36.50	-0.804	-3.452	-5.758	-6.864	-6.417	-4.690	-2.446	-0.618	0.062	-0.670
3661	36.60	-2.541	-4.887	-6.937	-8.107	-8.192	-7.382	-6.127	-4.915	-4.077	-3.683
3671	36.70	-3.574	-3.488	-3.225	-2.764	-2.288	-2.114	-2.547	-3.739	-5.581	-7.704
3681	36.80	-9.566	-10.614	-10.471	-9.075	-6.734	-4.047	-1.731	-0.395	-0.332	-1.426
3691	36.90	-3.200	-4.995	-6.210	-6.519	-5.956	-4.846	-3.619	-2.582	-1.775	-0.974
3701	37.00	0.161	1.855	4.037	6.295	8.006	8.600	7.820	5.877	3.401	1.219
3711	37.10	0.041	0.190	1.497	3.383	5.105	6.036	5.888	4.775	3.132	1.533
3721	37.20	0.486	0.288	0.971	2.329	4.010	5.622	6.839	7.479	7.551	7.246
3731	37.30	6.870	6.724	6.969	7.520	8.042	8.057	7.143	5.155	2.351	-0.646
3741	37.40	-3.042	-4.178	-3.788	-2.114	0.187	2.313	3.625	3.674	3.228	2.118
3751	37.50	0.982	0.047	-0.737	-1.599	-2.732	-4.115	-5.457	-6.322	-6.359	-5.525
3761	37.60	-4.170	-2.929	-2.466	-3.183	-5.032	-7.524	-9.909	-11.458	-11.720	-10.640
3771	37.70	-8.525	-5.897	-3.302	-1.173	0.245	0.893	0.878	0.437	-0.089	-0.322
3781	37.80	0.066	1.227	3.055	5.184	7.099	8.349	8.739	8.434	7.882	7.589
3791	37.90	7.857	8.503	9.078	8.897	7.489	4.873	1.641	-1.232	-2.778	-2.448
3801	38.00	-0.359	2.753	5.837	7.967	8.695	8.166	6.969	5.806	5.154	5.097
3811	38.10	5.373	5.606	5.569	5.344	5.285	5.826	7.233	9.436	12.029	14.415
3821	38.20	16.035	16.546	15.898	14.280	12.004	9.398	6.757	4.355	2.459	1.306
3831	38.30	1.020	1.511	2.429	3.232	3.369	2.516	0.738	-1.510	-3.576	-4.920
3841	38.40	-5.406	-5.406	-5.656	-6.916	-9.560	-13.319	-17.300	-20.305	-21.322	-19.974
3851	38.50	-16.720	-12.708	-9.321	-7.628	-7.953	-9.776	-11.981	-13.359	-13.137	-11.283
3861	38.60	-8.490	-5.822	-4.215	-4.056	-5.030	-6.298	-6.924	-6.333	-4.597	-2.409
3871	38.70	-0.758	-0.458	-1.756	-4.191	-6.785	-8.465	-8.536	-6.977	-4.444	-1.971
3881	38.80	-0.522	-0.581	-1.976	-3.990	-5.701	-6.396	-5.862	-4.449	-2.882	-1.933
3891	38.90	-2.082	-3.330	-5.200	-6.930	-7.754	-7.170	-5.107	-1.944	1.602	4.675
3901	39.00	6.523	6.713	5.270	2.697	-0.140	-2.257	-2.853	-1.580	1.332	5.140
3911	39.10	8.857	11.599	12.898	12.836	11.933	10.888	10.232	10.123	10.334	10.447
3921	39.20	10.131	9.361	8.440	7.826	7.854	8.510	9.395	9.908	9.556	8.229
3931	39.30	6.284	4.383	3.157	2.878	3.306	3.798	3.640	2.421	0.261	-2.227
3941	39.40	-4.231	-5.125	-4.765	-3.536	-2.135	-1.206	-1.032	-1.431	-1.907	-1.979
3951	39.50	-1.475	-0.662	-0.107	-0.357	-1.615	-3.565	-5.477	-6.528	-6.189	-4.497
3961	39.60	-2.065	0.175	1.366	1.088	-0.485	-2.681	-4.641	-5.674	-5.516	-4.377
3971	39.70	-2.817	-1.467	-0.793	-0.948	-1.782	-2.948	-4.060	-4.819	-5.071	-4.812
3981	39.80	-4.150	-3.274	-2.418	-1.831	-1.724	-2.205	-3.215	-4.514	-5.724	-6.452
3991	39.90	-6.437	-5.661	-4.378	-3.015	-2.001	-1.577	-1.683	-1.985	-2.030	-1.465

Table 7-57-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1249 1322-BK-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -139.112 (GAL) T= 14.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.228	1.401	2.911	3.789	3.785	3.051	2.116	1.664	2.225	3.909
4011	40.10	6.320	8.693	10.208	10.341	9.098	7.013	4.919	3.580	3.355	4.057
4021	40.20	5.048	5.547	4.988	3.268	0.780	-1.781	-3.741	-4.736	-4.839	-4.480
4031	40.30	-4.206	-4.411	-5.159	-6.190	-7.075	-7.443	-7.165	-6.404	-5.531	-4.947
4041	40.40	-4.914	-5.458	-6.380	-7.346	-8.015	-8.142	-7.634	-6.558	-5.125	-3.646
4051	40.50	-2.474	-1.923	-2.162	-3.124	-4.468	-5.648	-6.070	-5.325	-3.372	-0.602
4061	40.60	2.276	4.495	5.536	5.351	4.381	3.369	3.035	3.761	5.424	7.469
4071	40.70	9.167	9.951	9.672	8.651	7.513	6.889	7.120	8.101	9.338	10.176
4081	40.80	10.098	8.954	7.026	4.910	3.277	2.612	3.049	4.346	5.999	7.437
4091	40.90	8.221	8.169	7.382	6.181	4.980	4.152	3.918	4.293	5.085	5.952
4101	41.00	6.496	6.377	5.415	3.665	1.423	-0.828	-2.540	-3.250	-2.735	-1.096
4111	41.10	1.236	3.610	5.332	5.886	5.095	3.200	0.791	-1.379	-2.638	-2.621
4121	41.20	-1.385	0.623	2.739	4.326	5.000	4.740	3.861	2.852	2.163	2.030
4131	41.30	2.400	2.989	3.411	3.343	2.626	1.292	-0.489	-2.486	-4.477	-6.278
4141	41.40	-7.738	-8.760	-9.208	-9.152	-8.701	-8.105	-7.671	-7.657	-8.165	-9.080
4151	41.50	-10.110	-10.909	-11.229	-11.031	-10.495	-9.922	-9.573	-9.535	-9.678	-9.723
4161	41.60	-9.398	-8.590	-7.415	-6.178	-5.229	-4.801	-4.903	-5.323	-5.725	-5.797
4171	41.70	-5.366	-4.435	-3.146	-1.687	-0.217	1.162	2.392	3.428	4.226	4.771
4181	41.80	5.109	5.371	5.731	6.317	7.115	7.931	8.444	8.354	7.559	6.251
4191	41.90	4.887	4.015	4.020	4.931	6.373	7.709	8.317	7.873	6.496	4.689
4201	42.00	3.097	2.201	2.093	2.448	2.689	2.286	1.005	-0.974	-3.161	-4.990
4211	42.10	-6.082	-6.403	-6.245	-6.055	-6.202	-6.809	-7.725	-8.624	-9.197	-9.300
4221	42.20	-9.015	-8.578	-8.253	-8.191	-8.376	-8.650	-8.817	-8.733	-8.362	-7.754
4231	42.30	-6.982	-6.076	-5.009	-3.731	-2.235	-0.615	0.929	2.157	2.877	3.043
4241	42.40	2.786	2.381	2.158	2.384	3.186	4.525	6.225	8.051	9.782	11.260
4251	42.50	12.407	13.202	13.655	13.785	13.615	13.178	12.536	11.784	11.038	10.416
4261	42.60	9.998	9.802	9.767	9.773	9.663	9.307	8.636	7.686	6.586	5.533
4271	42.70	4.723	4.285	4.226	4.415	4.613	4.548	4.002	2.894	1.322	-0.451
4281	42.80	-2.063	-3.160	-3.509	-3.072	-2.038	-0.770	0.294	0.781	0.489	-0.546
4291	42.90	-2.072	-3.718	-5.124	-6.066	-6.524	-6.659	-6.728	-6.961	-7.461	-8.169
4301	43.00	-8.907	-9.473	-9.735	-9.685	-9.433	-9.133	-8.908	-8.797	-8.753	-8.697
4311	43.10	-8.582	-8.432	-8.333	-8.380	-8.607	-8.952	-9.268	-9.380	-9.162	-8.591
4321	43.20	-7.742	-6.755	-5.767	-4.873	-4.120	-3.531	-3.132	-2.953	-3.000	-3.202
4331	43.30	-3.397	-3.357	-2.876	-1.885	-0.516	0.910	1.994	2.425	2.130	1.323
4341	43.40	0.434	-0.063	0.160	1.160	2.711	4.417	5.874	6.813	7.157	6.994
4351	43.50	6.493	5.817	5.093	4.420	3.894	3.605	3.601	3.816	4.047	3.996
4361	43.60	3.403	2.206	0.643	-0.780	-1.462	-0.984	0.667	3.011	5.217	6.411
4371	43.70	6.035	4.086	1.133	-1.897	-4.091	-4.886	-4.255	-2.652	-0.775	0.743
4381	43.80	1.568	1.731	1.525	1.303	1.288	1.480	1.689	1.657	1.193	0.255
4391	43.90	-1.042	-2.489	-3.855	-4.947	-5.636	-5.851	-5.572	-4.837	-3.750	-2.481
4401	44.00	-1.235	-0.191	0.553	1.018	1.317	1.586	1.898	2.210	2.377	2.230
4411	44.10	1.694	0.864	0.018	-0.466	-0.260	0.770	2.485	4.486	6.247	7.280
4421	44.20	7.310	6.360	4.746	2.973	1.570	0.929	1.187	2.200	3.593	4.882
4431	44.30	5.631	5.582	4.732	3.331	1.794	0.568	-0.012	0.173	0.998	2.139
4441	44.40	3.184	3.762	3.652	2.848	1.555	0.133	-0.998	-1.480	-1.117	0.048
4451	44.50	1.729	3.452	4.699	5.077	4.471	3.114	1.520	0.298	-0.097	0.422
4461	44.60	1.507	2.497	2.695	1.688	-0.433	-3.063	-5.308	-6.344	-5.781	-3.831
4471	44.70	-1.233	1.052	2.236	2.001	0.590	-1.364	-3.168	-4.283	-4.684	-4.599
4481	44.80	-4.398	-4.314	-4.303	-4.080	-3.311	-1.844	0.151	2.217	3.812	4.573
4491	44.90	4.495	3.942	3.458	3.486	4.124	5.055	5.684	5.426	4.012	1.657

Table 7-57-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1249 1322-BK-1-1 U-D (U-D) OTSU EMBANKMENT MAX. ACC. = -139.112 (GAL) T= 14.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.984	-3.073	-3.930	-3.327	-1.590	0.523	2.127	2.558	1.628	-0.320
4511	45.10	-2.571	-4.340	-5.092	-4.740	-3.665	-2.527	-1.982	-2.397	-3.691	-5.374
4521	45.20	-6.743	-7.178	-6.391	-4.552	-2.215	-0.098	1.190	1.379	0.609	-0.654
4531	45.30	-1.828	-2.444	-2.300	-1.484	-0.276	1.004	2.130	3.024	3.716	4.264
4541	45.40	4.678	4.911	4.911	4.692	4.380	4.178	4.265	4.687	5.283	5.729
4551	45.50	5.660	4.852	3.342	1.448	-0.350	-1.603	-2.087	-1.883	-1.338	-0.891
4561	45.60	-0.880	-1.396	-2.270	-3.171	-3.773	-3.901	-3.587	-3.023	-2.438	-1.982
4571	45.70	-1.665	-1.386	-1.013	-0.480	0.170	0.809	1.301	1.571	1.650	1.637
4581	45.80	1.633	1.670	1.685	1.555	1.180	0.565	-0.159	-0.771	-1.057	-0.918
4591	45.90	-0.422	0.213	0.714	0.863	0.588	-0.022	-0.774	-1.469	-1.989	-2.325
4601	46.00	-2.540	-2.700	-2.796	-2.737	-2.395	-1.699	-0.724	0.288	0.986	1.040
4611	46.10	0.282	-1.201	-3.075	-4.872	-6.157	-6.689	-6.501	-5.867	-5.174	-4.753
4621	46.20	-4.745	-5.058	-5.428	-5.548	-5.214	-4.418	-3.348	-2.309	-1.589	-1.344
4631	46.30	-1.535	-1.950	-2.283	-2.253	-1.692	-0.602	0.858	2.425	3.808	4.767
4641	46.40	5.165	4.993	4.366	3.491	2.611	1.941	1.605	1.600	1.794	1.978
4651	46.50	1.944	1.571	0.884	0.048	-0.702	-1.168	-1.293	-1.205	-1.177	-1.513
4661	46.60	-2.398	-3.788	-5.395	-6.774	-7.501	-7.351	-6.405	-5.041	-3.792	-3.130
4671	46.70	-3.277	-4.116	-5.235	-6.108	-6.309	-5.693	-4.443	-2.988	-1.817	-1.275
4681	46.80	-1.433	-2.072	-2.797	-3.197	-3.014	-2.218	-0.996	0.351	1.522	2.318
4691	46.90	2.676	2.643	2.329	1.849	1.298	0.750	0.263	-0.119	-0.385	-0.570
4701	47.00	-0.753	-1.028	-1.447	-1.966	-2.430	-2.614	-2.314	-1.448	-0.119	1.394
4711	47.10	2.731	3.597	3.877	3.693	3.347	3.191	3.471	4.219	5.249	6.238
4721	47.20	6.873	6.987	6.631	6.046	5.565	5.487	5.964	6.965	8.291	9.552
4731	47.30	10.753	11.378	11.433	10.966	10.143	9.202	8.379	7.836	7.596	7.528
4741	47.40	7.387	6.914	5.947	4.515	2.850	1.308	0.233	-0.189	-0.010	0.508
4751	47.50	1.017	1.244	1.108	0.735	0.360	0.175	0.197	0.248	0.050	-0.603
4761	47.60	-1.688	-2.909	-3.790	-3.890	-3.011	-1.326	0.673	2.362	3.243	3.140
4771	47.70	2.247	1.015	-0.064	-0.667	-0.751	-0.515	-0.256	-0.207	-0.422	-0.788
4781	47.80	-1.111	-1.239	-1.142	-0.908	-0.661	-0.477	-0.327	-0.108	0.279	0.838
4791	47.90	1.437	1.852	1.867	1.384	0.490	-0.568	-1.479	-1.989	-1.996	-1.568
4801	48.00	-0.899	-0.212	0.320	0.616	0.680	0.561	0.322	0.017	-0.303	-0.579
4811	48.10	-0.752	-0.790	-0.717	-0.630	-0.678	-0.998	-1.651	-2.568	-3.566	-4.408
4821	48.20	-4.905	-4.996	-4.780	-4.467	-4.286	-4.372	-4.712	-5.147	-5.457	-5.470
4831	48.30	-5.157	-4.654	-4.211	-4.084	-4.410	-5.128	-5.983	-6.613	-6.690	-6.062
4841	48.40	-4.829	-3.325	-1.991	-1.210	-1.137	-1.628	-2.288	-2.633	-2.305	-1.242
4851	48.50	0.269	1.692	2.468	2.262	1.122	-0.516	-1.999	-2.731	-2.411	-1.154
4861	48.60	0.581	2.215	3.308	3.734	3.695	3.571	3.689	4.140	4.738	5.132
4871	48.70	5.024	4.352	3.356	2.475	2.131	2.522	3.517	4.730	5.713	6.184
4881	48.80	6.156	5.907	5.805	6.083	6.690	7.291	7.426	6.749	5.219	3.157
4891	48.90	1.128	-0.283	-0.698	-0.083	1.271	2.885	4.278	5.119	5.284	4.821
4901	49.00	3.874	2.605	1.165	-0.301	-1.638	-2.693	-3.358	-3.628	-3.636	-3.627
4911	49.10	-3.870	-4.553	-5.691	-7.115	-8.531	-9.630	-10.207	-10.220	-9.784	-9.112
4921	49.20	-8.422	-7.876	-7.549	-7.439	-7.493	-7.630	-7.750	-7.750	-7.536	-7.065
4931	49.30	-6.371	-5.582	-4.887	-4.464	-4.402	-4.648	-5.016	-5.272	-5.244	-4.913
4941	49.40	-4.428	-4.037	-3.951	-4.216	-4.661	-4.951	-4.727	-3.776	-2.143	-0.135

Table 7-58-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1250 1322-BK-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-3.746	-5.574	-6.605	-6.839	-6.476	-5.830	-5.226	-4.894	-4.913	-5.206
11	0.10	-5.582	-5.826	-5.784	-5.430	-4.875	-4.324	-3.989	-3.995	-4.322	-4.806
21	0.20	-5.212	-5.341	-5.125	-4.662	-4.169	-3.877	-3.907	-4.206	-4.564	-4.726
31	0.30	-4.535	-4.028	-3.442	-3.103	-3.254	-3.906	-4.800	-5.501	-5.592	-4.885
41	0.40	-3.529	-1.970	-0.763	-0.323	-0.741	-1.745	-2.836	-3.517	-3.531	-2.961
51	0.50	-2.169	-1.600	-1.551	-2.023	-2.730	-3.251	-3.246	-2.633	-1.628	-0.637
61	0.60	-0.070	-0.146	-0.806	-1.759	-2.623	-3.097	-3.070	-2.638	-2.020	-1.443
71	0.70	-1.049	-0.862	-0.828	-0.868	-0.930	-0.998	-1.063	-1.099	-1.054	-0.875
81	0.80	-0.550	-0.135	0.258	0.508	0.550	0.409	0.189	0.019	-0.017	0.072
91	0.90	0.203	0.269	0.216	0.081	-0.028	-0.004	0.189	0.467	0.669	0.638
101	1.00	0.319	-0.191	-0.680	-0.930	-0.837	-0.476	-0.075	0.108	-0.070	-0.566
111	1.10	-1.066	-1.311	-1.075	-0.386	0.482	1.137	1.267	0.808	-0.008	-0.755
121	1.20	-1.023	-0.635	0.251	1.210	1.743	1.530	0.595	-0.698	-1.801	-2.240
131	1.30	-1.828	-0.750	0.537	1.517	1.849	1.509	0.772	0.058	-0.279	-0.113
141	1.40	0.419	1.006	1.334	1.248	0.815	0.282	-0.061	-0.023	0.399	1.034
151	1.50	1.633	1.999	2.072	1.945	1.798	1.788	1.963	2.246	2.482	2.534
161	1.60	2.371	2.091	1.867	1.850	2.072	2.407	2.620	2.487	1.925	1.058
171	1.70	0.187	-0.344	-0.317	0.230	0.993	1.521	1.425	0.568	-0.851	-2.365
181	1.80	-3.443	-3.729	-3.200	-2.156	-1.063	-0.304	0.008	0.069	0.249	0.850
191	1.90	1.892	3.061	3.845	3.809	2.861	1.355	-0.036	-0.634	-0.094	1.395
201	2.00	3.178	4.437	4.589	3.567	1.856	0.237	-0.604	-0.415	0.513	1.534
211	2.10	2.013	1.679	0.762	-0.159	-0.507	-0.072	0.834	1.526	1.319	-0.060
221	2.20	-2.261	-4.436	-5.635	-5.293	-3.533	-1.132	0.851	1.589	0.897	-0.699
231	2.30	-2.241	-2.842	-2.134	-0.443	1.410	2.540	2.469	1.351	-0.126	-1.119
241	2.40	-1.073	0.008	1.594	2.937	3.478	3.137	2.326	1.701	1.789	2.696
251	2.50	4.047	5.180	5.499	4.771	3.244	1.517	0.250	-0.143	0.346	1.349
261	2.60	2.326	2.812	2.603	1.783	0.638	-0.505	-1.406	-1.965	-2.203	-2.199
271	2.70	-2.044	-1.828	-1.650	-1.627	-1.865	-2.410	-3.198	-4.044	-4.695	-4.920
281	2.80	-4.608	-3.820	-2.777	-1.771	-1.060	-0.779	-0.906	-1.289	-1.717	-2.001
291	2.90	-2.024	-1.776	-1.330	-0.807	-0.326	0.051	0.347	0.670	1.164	1.931
301	3.00	2.941	3.989	4.723	4.761	3.862	2.071	-0.232	-2.423	-3.856	-4.105
311	3.10	-3.148	-1.376	0.570	2.065	2.745	2.632	2.062	1.485	1.241	1.410
321	3.20	1.825	2.207	2.339	2.178	1.841	1.486	1.182	0.841	0.277	-0.650
331	3.30	-1.898	-3.193	-4.126	-4.332	-3.682	-2.351	-0.744	0.697	1.687	2.194
341	3.40	2.390	2.485	2.558	2.486	2.018	0.958	-0.657	-2.697	-4.037	-4.784
351	3.50	-4.502	-3.324	-1.695	-0.170	0.821	1.128	0.886	0.387	-0.081	-0.354
361	3.60	-0.397	-0.236	0.129	0.745	1.666	2.760	3.853	4.579	4.628	3.895
371	3.70	2.569	1.070	-0.152	-0.846	-1.095	-1.262	-1.764	-2.792	-4.131	-5.205
381	3.80	-5.334	-4.100	-1.614	1.443	4.066	5.327	4.760	2.546	-0.586	-3.688
391	3.90	-5.967	-7.059	-7.071	-6.420	-5.572	-4.830	-4.262	-3.773	-3.240	-2.621
401	4.00	-1.970	-1.364	-0.822	-0.262	0.435	1.321	2.287	3.058	3.300	2.784
411	4.10	1.525	-0.183	-1.870	-3.070	-3.516	-3.232	-2.503	-1.734	-1.273	-1.267
421	4.20	-1.618	-2.028	-2.110	-1.541	-0.158	1.952	4.446	6.772	8.307	8.541
431	4.30	7.278	4.774	1.727	-0.912	-2.267	-1.890	0.020	2.657	4.908	5.824
441	4.40	5.037	2.942	0.530	-1.053	-1.041	0.596	3.129	5.404	6.376	5.589
451	4.50	3.367	0.639	-1.512	-2.357	-1.835	-0.541	0.593	0.751	-0.395	-2.572
461	4.60	-5.062	-7.046	-7.936	-7.559	-6.138	-4.113	-1.937	0.059	1.677	2.795
471	4.70	3.300	3.100	2.195	0.765	-0.817	-2.091	-2.693	-2.547	-1.931	-1.368
481	4.80	-1.377	-2.201	-3.646	-5.144	-6.009	-5.791	-4.533	-2.799	-1.448	-1.235
491	4.90	-2.429	-4.634	-6.904	-8.116	-7.430	-4.648	-0.300	4.566	8.789	11.515

Table 7-58-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1250 1322-BK-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	12.458	11.900	10.462	8.784	7.253	5.910	4.543	2.901	0.897	-1.292
511	5.10	-3.276	-4.617	-4.998	-4.343	-2.817	-0.755	1.455	3.451	4.931	5.658
521	5.20	5.478	4.365	2.489	0.244	-1.807	-3.097	-3.280	-2.412	-0.991	0.192
531	5.30	0.365	-0.892	-3.432	-6.565	-9.309	-10.779	-10.527	-8.684	-5.864	-2.865
541	5.40	-0.347	1.371	2.317	2.691	2.642	2.146	1.042	-0.781	-3.171	-5.628
551	5.50	-7.409	-7.803	-6.450	-3.535	0.243	3.925	6.652	7.962	7.899	6.902
561	5.60	5.566	4.293	3.349	2.697	2.225	1.862	1.628	1.567	1.638	1.644
571	5.70	1.291	0.343	-1.190	-2.961	-4.378	-4.842	-4.054	-2.201	0.067	1.896
581	5.80	2.597	1.965	0.368	-1.420	-2.601	-2.725	-1.911	-0.773	-0.103	-0.460
591	5.90	-1.858	-3.725	-5.135	-5.234	-3.643	-0.663	2.823	5.704	7.100	6.719
601	6.00	4.961	2.722	0.992	0.426	1.075	2.402	3.564	3.828	2.940	1.258
611	6.10	-0.402	-1.150	-0.461	1.539	4.087	6.087	6.600	5.278	2.557	-0.492
621	6.20	-2.596	-2.808	-0.880	2.655	6.746	10.281	12.528	13.360	13.167	12.544
631	6.30	11.909	11.271	10.255	8.362	5.316	1.307	-3.005	-6.731	-9.123	-9.881
641	6.40	-9.256	-7.892	-6.504	-5.550	-5.063	-4.708	-4.030	-2.740	-0.907	1.063
651	6.50	2.622	3.360	3.216	2.518	1.837	1.716	2.414	3.775	5.279	6.251
661	6.60	6.129	4.677	2.065	-1.209	-4.514	-7.300	-9.249	-10.317	-10.647	-10.430
671	6.70	-9.774	-8.661	-7.008	-4.806	-2.255	0.180	1.855	2.153	0.738	-2.259
681	6.80	-6.217	-10.193	-13.234	-14.692	-14.426	-12.789	-10.427	-7.981	-5.841	-4.063
691	6.90	-2.463	-0.838	0.842	2.363	3.365	3.552	2.891	1.675	0.426	-0.331
701	7.00	-0.296	0.492	1.710	2.940	3.883	4.485	4.924	5.427	6.361	7.637
711	7.10	9.213	10.938	12.685	14.381	15.957	17.271	18.078	18.093	17.138	15.270
721	7.20	12.812	10.234	7.932	6.025	4.309	2.397	-0.004	-2.838	-5.647	-7.757
731	7.30	-8.647	-8.290	-7.252	-6.469	-6.774	-8.418	-10.863	-12.968	-13.541	-11.954
741	7.40	-8.534	-4.486	-1.373	-0.402	-1.866	-5.033	-8.515	-10.943	-11.580	-10.575
751	7.50	-8.745	-7.043	-6.011	-5.527	-4.971	-3.682	-1.445	1.298	3.627	4.609
761	7.60	3.781	1.398	-1.715	-4.576	-6.507	-7.372	-7.490	-7.299	-7.019	-6.518
771	7.70	-5.480	-3.734	-1.531	0.480	1.573	1.432	0.479	-0.190	0.709	3.949
781	7.80	9.258	15.249	19.934	21.571	19.459	14.264	7.713	1.797	-2.110	-3.765
791	7.90	-3.987	-4.041	-4.861	-6.513	-8.196	-8.751	-7.375	-4.141	-0.024	3.562
801	8.00	5.460	5.314	3.672	1.601	0.071	-0.556	-0.635	-0.903	-1.920	-3.621
811	8.10	-5.256	-5.768	-4.395	-1.159	3.045	6.826	8.936	8.839	6.905	4.141
821	8.20	1.624	-0.040	-0.939	-1.647	-2.733	-4.289	-5.770	-6.249	-4.954	-1.783
831	8.30	2.509	6.580	9.097	9.357	7.606	4.883	2.479	1.286	1.984	2.069
841	8.40	2.287	1.250	-1.120	-4.130	-6.672	-7.784	-7.141	-5.203	-2.972	-1.197
851	8.50	-1.377	-2.516	-4.233	-5.624	-5.997	-5.141	-3.344	-1.175	0.810	2.271
861	8.60	3.119	3.405	3.170	2.388	1.029	-0.795	-2.720	-4.181	-4.614	-5.746
871	8.70	-1.811	0.461	2.090	2.269	0.731	-2.083	-5.194	-7.491	-8.223	-7.316
881	8.80	-5.379	-3.387	-2.191	-2.108	-2.784	-3.403	-3.146	-1.659	0.708	3.028
891	8.90	4.239	3.704	1.592	-1.106	-2.965	-2.760	-0.037	4.627	9.832	13.922
901	9.00	15.663	14.717	11.716	7.901	4.541	2.406	1.553	1.488	1.593	1.553
911	9.10	1.540	2.067	3.587	6.106	9.014	11.310	12.038	10.778	7.867	4.237
921	9.20	0.938	-1.396	-2.828	-4.003	-5.668	-8.115	-10.859	-12.786	-12.703	-10.033
931	9.30	-5.259	0.150	4.344	5.942	4.711	1.688	-1.311	-2.601	-1.471	1.447
941	9.40	4.488	5.788	4.223	-0.021	-5.518	-10.272	-12.626	-11.964	-8.866	-4.699
951	9.50	-0.884	1.735	3.125	3.817	4.384	4.988	5.276	4.673	2.882	0.256
961	9.60	-2.202	-3.282	-2.196	0.924	4.979	8.349	9.632	8.304	4.942	0.922
971	9.70	-2.271	-3.739	-3.528	-2.465	-1.600	-1.564	-2.212	-2.727	-2.133	0.084
981	9.80	3.591	7.284	9.789	10.121	8.169	4.756	1.237	-1.136	-1.761	-0.887
991	9.90	0.616	1.761	1.950	1.223	0.131	-0.644	-0.720	-0.243	0.199	-0.074

Table 7-58-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1250 1322-BK-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-1.429	-3.663	-6.041	-7.604	-7.588	-5.771	-2.569	1.127	4.293	6.137
1011	10.10	6.334	5.073	2.913	0.560	-1.365	-2.476	-2.672	-2.110	-1.119	-0.096
1021	10.20	0.604	0.761	0.340	-0.512	-1.530	-2.433	-3.027	-3.251	-3.153	-2.807
1031	10.30	-2.226	-1.343	-0.081	1.509	3.131	4.240	4.195	2.555	-0.631	-4.679
1041	10.40	-8.396	-10.462	-9.949	-6.744	-1.682	3.697	7.702	9.113	7.618	3.878
1051	10.50	-0.797	-4.998	-7.745	-8.746	-8.320	-7.049	-5.391	-3.458	-1.075	1.933
1061	10.60	5.419	8.772	11.065	11.447	9.574	5.857	1.354	-2.648	-5.173	-5.954
1071	10.70	-5.480	-4.677	-4.385	-4.903	-5.834	-6.320	-5.524	-3.122	0.473	4.254
1081	10.80	7.061	8.091	7.209	4.934	2.108	-0.532	-2.650	-4.331	-5.820	-7.179
1091	10.90	-8.070	-7.817	-5.740	-1.574	4.239	10.577	15.981	19.159	19.416	16.833
1101	11.00	12.119	6.267	0.202	-5.415	-10.158	-13.689	-15.625	-15.565	-13.286	-8.988
1111	11.10	-3.420	2.231	6.693	9.053	9.083	7.272	4.561	1.898	-0.158	-1.588
1121	11.20	-2.763	-4.111	-5.781	-7.519	-8.817	-9.226	-8.668	-7.516	-6.412	-5.889
1131	11.30	-6.025	-6.328	-5.953	-4.150	-0.730	3.714	7.965	10.664	10.905	8.660
1141	11.40	4.812	0.794	-2.013	-2.842	-1.800	0.265	2.215	3.154	2.792	1.474
1151	11.50	-0.087	-1.234	-1.702	-1.701	-1.725	-2.197	-3.156	-4.168	-4.512	-3.547
1161	11.60	-1.096	2.387	5.933	8.432	9.085	7.728	4.864	1.406	-1.749	-4.099
1171	11.70	-5.686	-6.959	-8.420	-10.252	-12.144	-13.398	-13.284	-11.469	-8.275	-4.630
1181	11.80	-1.705	-0.392	-0.877	-2.520	-4.117	-4.432	-2.763	0.713	4.985	8.611
1191	11.90	10.294	9.385	6.097	1.362	-3.568	-7.578	-10.017	-10.770	-10.108	-8.436
1201	12.00	-6.091	-3.266	-0.088	3.266	6.484	9.155	10.901	11.535	11.161	10.148
1211	12.10	8.995	8.145	7.827	7.989	8.341	8.474	8.008	6.722	4.637	2.040
1221	12.20	-0.556	-2.512	-3.220	-2.281	0.334	4.209	8.543	12.338	14.675	14.985
1231	12.30	13.212	9.811	5.600	1.507	-1.673	-3.446	-3.691	-2.639	-0.795	1.161
1241	12.40	2.512	2.600	1.304	-1.420	-4.925	-8.329	-10.779	-11.825	-11.677	-11.174
1251	12.50	-11.442	-13.319	-16.835	-20.990	-24.011	-24.025	-19.881	-11.755	-1.229	9.221
1261	12.60	17.136	20.969	20.591	17.166	12.490	8.115	4.695	1.834	-1.499	-6.251
1271	12.70	-12.628	-19.848	-26.427	-30.825	-32.149	-30.535	-27.054	-23.189	-20.162	-18.431
1281	12.80	-17.586	-16.669	-14.727	-11.333	-6.819	-2.152	1.490	3.224	2.826	0.835
1291	12.90	-1.640	-3.291	-3.029	-0.291	4.829	11.644	19.077	25.937	31.179	34.096
1301	13.00	34.398	32.186	27.839	21.895	14.963	7.703	0.866	-4.672	-7.947	-8.060
1311	13.10	-4.434	2.920	13.245	25.074	36.502	45.620	50.973	51.904	48.677	42.357
1321	13.20	34.519	26.868	20.871	17.457	16.841	18.462	21.097	23.142	23.046	19.803
1331	13.30	13.344	4.678	-4.349	-11.609	-15.397	-15.016	-10.988	-4.816	1.620	6.733
1341	13.40	9.695	10.481	9.545	7.311	3.815	-1.311	-8.475	-17.582	-27.629	-36.691
1351	13.50	-42.377	-42.598	-36.331	-24.054	-7.690	9.912	25.713	37.183	42.745	41.921
1361	13.60	35.276	24.236	10.895	-2.237	-12.596	-18.085	-17.638	-11.655	-2.054	8.169
1371	13.70	15.818	18.523	15.526	7.921	-1.765	-10.475	-15.647	-15.963	-11.594	-3.909
1381	13.80	5.106	13.449	19.481	22.037	20.374	14.155	3.546	-10.562	-26.404	-41.450
1391	13.90	-52.862	-58.225	-56.288	-47.424	-33.582	-17.735	-3.018	8.113	14.398	15.835
1401	14.00	13.331	8.179	1.589	-5.537	-12.589	-19.093	-24.587	-28.629	-30.940	-31.588
1411	14.10	-31.071	-30.237	-30.027	-31.179	-33.992	-38.272	-43.428	-48.675	-53.198	-56.244
1421	14.20	-57.126	-55.242	-50.180	-41.944	-31.227	-19.560	-9.180	-2.544	-1.578	-6.915
1431	14.30	-17.437	-30.373	-41.990	-48.708	-48.231	-40.305	-26.783	-11.009	3.273	13.046
1441	14.40	16.791	14.669	8.158	-0.626	-9.570	-16.926	-21.345	-21.718	-17.071	-6.707
1451	14.50	9.416	30.232	53.347	75.285	92.227	101.060	100.333	90.753	74.969	56.736
1461	14.60	39.738	26.526	17.942	13.204	10.543	8.088	4.631	-0.010	-5.101	-9.470
1471	14.70	-12.082	-12.451	-10.732	-7.475	-3.194	2.016	8.593	17.246	28.373	41.384
1481	14.80	54.248	63.572	65.336	56.179	34.813	3.044	-34.116	-69.456	-95.486	-106.674
1491	14.90	-101.181	-81.417	-53.166	-23.588	1.132	17.569	25.616	27.706	27.181	26.635

Table 7-58-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1250 1322-BK-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	27.030	27.908	28.472	28.802	30.425	35.800	46.870	63.415	82.127	97.064
1511	15.10	101.536	90.745	64.092	26.130	-14.361	-46.913	-62.621	-56.926	-30.963	8.909
1521	15.20	53.090	91.457	115.898	121.959	109.333	81.331	43.732	3.425	-32.845	-59.497
1531	15.30	-72.860	-71.654	-57.153	-32.958	-4.358	22.707	42.882	52.579	50.815	39.433
1541	15.40	22.601	5.650	-6.515	-10.932	-7.898	-0.607	5.327	4.006	-8.561	-32.695
1551	15.50	-64.493	-96.852	-121.804	-133.339	-129.564	-113.283	-90.685	-68.677	-52.051	-41.769
1561	15.60	-35.186	-28.102	-17.611	-4.295	7.478	11.427	2.631	-19.406	-49.494	-78.141
1571	15.70	-95.146	-93.869	-74.205	-42.828	-10.477	12.529	20.510	14.458	0.981	-11.287
1581	15.80	-16.020	-12.182	-4.210	0.633	-3.582	-17.895	-37.283	-52.500	-54.115	-36.829
1591	15.90	-2.068	42.335	85.174	116.157	129.501	125.305	108.359	85.241	61.331	39.202
1601	16.00	18.996	0.242	-16.165	-27.176	-28.585	-17.328	6.176	37.079	67.285	88.403
1611	16.10	95.145	87.518	70.685	52.506	39.881	35.657	37.545	39.555	35.182	20.785
1621	16.20	-2.483	-29.043	-51.295	-62.804	-60.742	-46.520	-24.546	0.041	23.373	43.610
1631	16.30	60.273	72.810	79.486	77.439	64.012	38.657	4.271	-32.950	-65.305	-86.306
1641	16.40	-93.047	-87.075	-73.331	-57.683	-44.275	-33.963	-24.592	-12.842	3.338	23.020
1651	16.50	42.208	55.431	58.235	49.356	31.529	10.539	-7.040	-16.415	-16.340	-9.398
1661	16.60	-0.760	3.989	1.074	-10.032	-26.399	-42.663	-52.887	-52.621	-40.548	-19.161
1671	16.70	5.766	26.867	37.567	34.431	18.598	-4.351	-26.251	-39.382	-39.561	-28.010
1681	16.80	-11.073	2.253	4.082	-8.889	-33.725	-62.236	-84.262	-91.871	-82.632	-60.536
1691	16.90	-34.178	-13.056	-3.687	-7.221	-19.530	-33.533	-42.521	-42.898	-35.142	-22.784
1701	17.00	-10.140	-0.086	7.010	12.809	19.434	27.817	36.933	44.311	47.475	45.454
1711	17.10	39.455	32.311	26.997	25.028	25.649	26.273	23.957	17.151	6.767	-4.021
1721	17.20	-11.189	-11.795	-5.479	5.238	16.000	22.525	22.454	16.295	7.041	-1.282
1731	17.30	-5.416	-4.159	1.410	8.772	15.358	19.735	22.005	23.282	24.616	26.029
1741	17.40	26.262	23.415	16.164	4.862	-8.142	-19.292	-25.434	-25.485	-21.278	-17.007
1751	17.50	-17.372	-25.206	-39.712	-56.266	-68.045	-68.937	-56.385	-32.889	-5.305	17.867
1761	17.60	30.067	29.504	19.899	8.688	3.474	8.315	21.621	36.683	44.691	38.868
1771	17.70	17.840	-13.365	-45.164	-67.331	-73.170	-62.110	-39.564	-14.231	5.842	16.587
1781	17.80	19.127	18.452	20.334	28.077	40.716	53.489	60.305	56.952	43.438	24.354
1791	17.90	7.067	-1.394	2.669	18.103	39.449	59.236	70.935	71.267	60.965	43.850
1801	18.00	24.812	7.719	-5.816	-16.407	-25.801	-35.412	-45.274	-53.875	-58.914	-58.500
1811	18.10	-52.160	-41.142	-27.872	-14.857	-3.602	5.906	14.866	24.628	35.464	45.787
1821	18.20	52.287	51.074	39.419	17.383	-11.442	-40.522	-62.235	-70.374	-62.356	-40.255
1831	18.30	-10.200	19.668	41.917	52.149	50.051	38.826	23.349	7.935	-5.273	-16.613
1841	18.40	-27.878	-40.569	-54.381	-66.740	-73.691	-71.718	-59.613	-39.422	-15.966	4.933
1851	18.50	18.696	23.699	21.654	16.546	12.667	12.732	16.955	23.462	29.696	34.017
1861	18.60	36.586	39.079	43.411	50.214	57.951	63.240	62.304	52.850	35.428	13.546
1871	18.70	-7.557	-22.929	-29.749	-28.167	-20.812	-11.322	-2.690	3.731	8.164	11.500
1881	18.80	14.171	15.574	14.360	9.423	0.911	-9.443	-18.980	-25.515	-28.689	-30.446
1891	18.90	-34.211	-43.038	-57.621	-75.252	-90.399	-96.825	-90.352	-70.971	-43.243	-14.706
1901	19.00	7.086	17.567	16.883	9.551	2.262	0.834	7.691	20.951	35.435	45.054
1911	19.10	45.447	35.752	18.824	-0.042	-15.223	-22.787	-21.666	-13.659	-2.449	7.863
1921	19.20	14.127	15.001	11.123	4.664	-1.505	-4.776	-3.611	2.034	10.807	20.559
1931	19.30	29.273	35.937	40.983	46.039	53.019	62.946	75.059	86.724	94.270	94.451
1941	19.40	85.842	69.480	48.378	26.137	5.355	-13.320	-30.940	-48.930	-67.411	-84.175
1951	19.50	-95.037	-95.585	-83.526	-60.408	-31.679	-4.811	13.760	21.463	20.739	17.809
1961	19.60	19.520	29.717	46.913	64.484	73.411	66.359	41.188	2.236	-41.262	-78.866
1971	19.70	-103.016	-111.616	-108.013	-98.553	-89.060	-82.026	-75.891	-66.631	-50.702	-27.719
1981	19.80	-1.408	21.675	35.038	35.294	23.828	6.278	-9.893	-18.539	-17.213	-7.710
1991	19.90	5.296	16.739	23.476	25.345	24.617	24.296	26.275	30.314	34.294	35.496

Table 7-58-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1250 1322-BK-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	32.134	24.327	14.035	4.072	-3.189	-6.756	-7.130	-5.650	-3.510	-1.038
2011	20.10	2.383	7.738	15.536	25.196	35.023	42.810	46.751	46.209	41.959	35.813
2021	20.20	29.820	25.409	22.855	21.240	18.878	13.993	5.396	-7.059	-22.334	-38.382
2031	20.30	-52.603	-62.477	-66.255	-63.521	-55.452	-44.595	-34.176	-27.088	-24.931	-27.462
2041	20.40	-32.734	-37.888	-40.288	-38.538	-32.907	-25.027	-17.000	-10.382	-5.509	-1.483
2051	20.50	3.218	9.842	18.635	28.621	37.963	44.672	47.303	45.327	39.082	29.462
2061	20.60	17.598	4.732	-7.694	-17.917	-23.938	-23.949	-17.010	-3.694	13.666	31.331
2071	20.70	45.069	51.327	48.223	36.033	17.038	-5.123	-26.323	-42.749	-51.512	-51.033
2081	20.80	-41.273	-23.810	-1.684	21.099	40.421	53.096	57.762	55.207	47.934	39.065
2091	20.90	31.044	24.742	19.396	13.427	5.711	-3.409	-11.941	-17.097	-16.772	-10.888
2101	21.00	-1.846	6.266	9.391	5.334	-5.210	-18.991	-31.762	-40.296	-43.820	-44.153
2111	21.10	-44.460	-47.302	-53.017	-59.331	-62.442	-59.038	-48.214	-32.256	-15.842	-4.024
2121	21.20	0.045	-3.503	-11.401	-18.852	-21.746	-18.407	-10.063	0.112	8.755	13.935
2131	21.30	15.792	15.973	16.256	17.240	17.840	15.878	9.435	-1.842	-16.214	-30.448
2141	21.40	-41.231	-46.649	-46.947	-44.136	-40.689	-38.019	-35.592	-31.182	-22.173	-7.238
2151	21.50	12.490	33.410	50.698	60.249	60.505	52.687	41.155	30.752	25.372	26.936
2161	21.60	33.210	42.714	52.229	60.089	66.284	72.012	78.591	86.374	94.250	99.980
2171	21.70	101.219	96.669	86.809	73.807	60.668	49.992	42.941	38.869	35.780	31.372
2181	21.80	24.189	14.335	3.445	-6.054	-12.045	-13.672	-11.712	-8.229	-5.670	-5.838
2191	21.90	-9.184	-14.712	-20.511	-24.615	-25.801	-23.974	-20.011	-15.215	-10.679	-6.913
2201	22.00	-3.875	-1.358	0.538	1.134	-0.700	-6.065	-15.437	-28.265	-42.993	-57.512
2211	22.10	-69.847	-78.768	-84.053	-86.323	-86.564	-85.613	-83.856	-81.238	-77.540	-72.688
2221	22.20	-66.916	-60.682	-54.418	-48.300	-42.205	-35.904	-29.385	-23.080	-17.830	-14.545
2231	22.30	-13.710	-15.000	-17.245	-18.803	-18.198	-14.727	-8.731	-1.404	5.775	11.682
2241	22.40	15.953	18.955	21.368	23.635	25.598	26.551	25.677	22.657	18.098	13.510
2251	22.50	10.867	11.514	16.071	23.550	31.943	38.925	42.738	42.849	40.080	36.200
2261	22.60	33.160	32.316	33.951	37.274	40.849	43.233	43.550	41.761	38.554	34.940
2271	22.70	31.754	29.293	27.230	24.840	21.602	16.593	10.681	4.436	-1.213	-5.573
2281	22.80	-8.493	-10.364	-11.851	-13.466	-15.214	-16.497	-16.366	-13.998	-9.176	-2.508
2291	22.90	4.729	11.076	15.448	17.517	17.666	16.608	14.866	12.449	8.933	3.941
2301	23.00	-2.259	-8.423	-12.552	-12.683	-7.910	0.854	10.853	18.312	19.835	13.773
2311	23.10	0.941	-15.678	-32.112	-44.938	-52.460	-55.026	-54.402	-52.585	-50.713	-48.626
2321	23.20	-45.256	-39.567	-31.470	-22.148	-13.585	-7.537	-4.539	-3.511	-2.274	1.276
2331	23.30	7.903	16.372	23.785	26.796	23.140	12.723	-2.266	-18.267	-31.864	-41.006
2341	23.40	-45.742	-47.531	-48.163	-48.516	-47.955	-44.675	-36.815	-23.726	-6.736	11.028
2351	23.50	25.719	34.250	35.485	30.602	22.678	14.431	8.899	6.662	6.880	7.845
2361	23.60	8.005	6.740	4.557	2.682	2.324	4.029	7.429	11.475	14.979	17.144
2371	23.70	17.825	17.417	16.483	15.372	14.038	12.166	9.489	6.118	2.664	0.073
2381	23.80	-0.743	0.693	4.215	9.072	14.232	18.759	22.082	24.044	24.745	24.310
2391	23.90	22.735	19.910	15.801	10.672	5.194	0.334	-2.944	-4.052	-3.032	-0.565
2401	24.00	2.282	4.470	5.373	4.975	3.793	2.594	2.043	2.444	3.690	5.401
2411	24.10	7.175	8.790	10.288	11.882	13.767	15.932	18.053	19.536	19.664	17.817
2421	24.20	13.671	7.341	-0.579	-9.072	-16.863	-22.663	-25.457	-24.780	-20.866	-14.625
2431	24.30	-7.386	-0.500	5.087	9.111	11.985	14.488	17.283	20.444	23.237	24.262
2441	24.40	21.924	15.060	3.460	-11.937	-29.231	-46.077	-60.303	-70.418	-75.859	-76.936
2451	24.50	-74.582	-70.026	-64.510	-59.099	-54.554	-51.241	-49.055	-47.396	-45.266	-41.403
2461	24.60	-34.823	-24.971	-12.054	2.983	18.701	33.574	46.385	56.463	63.700	68.360
2471	24.70	70.826	71.399	70.252	67.516	63.422	58.376	52.917	47.561	42.612	38.052
2481	24.80	33.575	28.759	23.302	17.220	10.925	5.169	0.872	-1.091	-0.096	4.060
2491	24.90	11.043	19.935	29.276	37.247	42.006	42.133	37.063	27.355	14.643	1.236

Table 7-58-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1250 1322-BK-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-10.545	-19.055	-23.797	-25.462	-25.543	-25.645	-26.822	-29.183	-31.961	-33.973
2511	25.10	-34.258	-32.591	-29.628	-26.631	-24.904	-25.217	-27.496	-30.911	-34.318	-36.823
2521	25.20	-38.195	-38.912	-39.831	-41.637	-44.354	-47.178	-48.727	-47.610	-43.062	-35.331
2531	25.30	-25.642	-15.719	-7.099	-0.531	4.239	8.214	12.530	17.778	23.599	28.750
2541	25.40	31.637	31.076	26.916	20.251	13.078	7.566	5.239	6.443	10.321	15.285
2551	25.50	19.746	22.769	24.333	25.126	25.987	27.323	28.776	29.351	27.908	23.790
2561	25.60	17.269	9.557	2.390	-2.648	-4.739	-4.109	-1.840	0.658	2.269	2.590
2571	25.70	1.956	1.103	0.654	0.711	0.767	-0.016	-2.302	-6.124	-10.698	-14.654
2581	25.80	-16.580	-15.652	-12.059	-7.010	-2.300	0.397	0.213	-2.531	-6.430	-9.530
2591	25.90	-10.091	-7.256	-1.373	6.174	13.531	19.108	22.173	23.081	23.046	23.572
2601	26.00	25.793	29.988	35.473	40.894	44.778	46.117	44.715	41.189	36.641	32.159
2611	26.10	28.384	25.325	22.474	19.161	14.933	9.802	4.219	-1.185	-5.953	-10.071
2621	26.20	-13.994	-18.414	-23.855	-30.299	-37.016	-42.708	-45.914	-45.532	-41.248	-33.689
2631	26.30	-24.255	-14.707	-6.670	-1.242	1.149	0.653	-2.257	-7.048	-13.258	-20.472
2641	26.40	-28.172	-35.606	-41.784	-45.659	-46.468	-44.061	-39.087	-32.903	-27.198	-23.463
2651	26.50	-22.485	-24.085	-27.190	-30.222	-31.656	-30.527	-26.691	-20.774	-13.837	-6.930
2661	26.60	-0.732	4.603	9.329	13.833	18.326	22.654	26.315	28.648	29.111	27.506
2671	26.70	24.073	19.412	14.279	9.357	5.083	1.581	-1.277	-3.741	-6.026	-8.181
2681	26.80	-10.029	-11.174	-11.096	-9.293	-5.464	0.324	7.536	15.193	22.040	26.823
2691	26.90	28.630	27.153	22.797	16.573	9.808	3.758	-0.715	-3.320	-4.288	-4.163
2701	27.00	-3.511	-2.689	-1.762	-0.571	1.091	3.308	5.944	8.673	11.110	12.946
2711	27.10	14.045	14.428	14.188	13.379	11.975	9.914	7.227	4.175	1.303	-0.648
2721	27.20	-0.968	0.741	4.352	9.163	14.085	17.981	20.048	20.077	18.475	16.035
2731	27.30	13.555	11.471	9.666	7.561	4.436	-0.152	-6.053	-12.468	-18.190	-22.041
2741	27.40	-23.321	-22.072	-19.040	-15.357	-12.099	-9.919	-8.923	-8.813	-9.216	-10.008
2751	27.50	-11.449	-14.061	-18.296	-24.170	-31.053	-37.739	-42.799	-45.070	-44.064	-40.134
2761	27.60	-34.326	-27.976	-22.231	-17.715	-14.400	-11.776	-9.167	-6.073	-2.385	1.591
2771	27.70	5.277	8.060	9.519	9.570	8.495	6.867	5.414	4.858	5.756	8.368
2781	27.80	12.603	18.006	23.853	29.305	33.607	36.258	37.111	36.360	34.429	31.839
2791	27.90	28.895	25.891	22.803	19.506	15.857	11.811	7.490	3.206	-0.579	-3.339
2801	28.00	-4.603	-4.083	-1.775	1.989	6.593	11.274	15.324	18.299	20.145	21.188
2811	28.10	21.987	23.101	24.862	27.250	29.926	32.386	34.175	35.049	35.014	34.247
2821	28.20	32.942	31.186	28.915	25.986	22.299	17.902	13.007	7.916	2.888	-1.960
2831	28.30	-6.659	-11.300	-15.892	-20.249	-23.988	-26.633	-27.784	-27.276	-25.228	-21.980
2841	28.40	-17.950	-13.501	-8.870	-4.219	0.271	4.299	7.442	9.247	9.401	7.871
2851	28.50	4.960	1.235	-2.639	-6.077	-8.699	-10.350	-11.046	-10.893	-10.045	-8.715
2861	28.60	-7.212	-5.955	-5.411	-5.978	-7.843	-10.913	-14.862	-19.288	-23.900	-28.653
2871	28.70	-33.730	-39.374	-45.654	-52.280	-58.567	-63.600	-66.513	-66.776	-64.339	-59.596
2881	28.80	-53.187	-45.762	-37.825	-29.732	-21.814	-14.516	-8.439	-4.209	-2.222	-2.378
2891	28.90	-3.974	-5.842	-6.711	-5.655	-2.429	2.464	8.009	13.112	17.041	19.664
2901	29.00	21.404	22.939	24.818	27.189	29.754	31.964	33.330	33.670	33.164	32.205
2911	29.10	31.134	30.035	28.702	26.827	24.284	21.362	18.786	17.493	18.247	21.293
2921	29.20	26.213	32.074	37.794	42.551	46.023	48.351	49.848	50.642	50.444	48.601
2931	29.30	44.429	37.642	28.667	18.636	9.032	1.128	-4.523	-8.290	-11.258	-14.698
2941	29.40	-19.444	-25.470	-31.859	-37.166	-40.010	-39.621	-36.119	-30.421	-23.861	-17.710
2951	29.50	-12.808	-9.442	-7.459	-6.508	-6.270	-6.577	-7.397	-8.747	-10.613	-12.925
2961	29.60	-15.580	-18.462	-21.423	-24.215	-26.440	-27.573	-27.095	-24.712	-20.560	-15.272
2971	29.70	-9.853	-5.382	-2.663	-1.976	-3.039	-5.187	-7.887	-9.996	-11.878	-13.301
2981	29.80	-14.231	-14.456	-13.546	-11.064	-6.834	-1.214	4.653	10.039	13.036	12.985
2991	29.90	9.759	3.980	-3.229	-10.615	-17.136	-22.137	-25.329	-26.637	-26.053	-23.574

Table 7-58-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1250 1322-BK-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-19.273	-13.426	-6.606	0.342	6.467	10.951	13.328	13.575	12.071	9.432
3011	30.10	6.317	3.286	0.742	-1.049	-1.914	-1.738	-0.467	1.863	5.126	9.109
3021	30.20	13.586	18.345	23.206	27.987	32.451	36.272	39.056	40.427	40.142	38.177
3031	30.30	34.740	30.205	25.006	19.543	14.152	9.134	4.817	1.563	-0.295	-0.587
3041	30.40	0.560	2.667	4.994	6.758	7.385	6.698	4.923	2.524	-0.062	-2.656
3051	30.50	-5.401	-8.638	-12.640	-17.356	-22.311	-26.739	-29.886	-31.364	-31.362	-30.606
3061	30.60	-30.073	-30.585	-32.465	-35.417	-38.690	-41.427	-43.056	-43.524	-43.287	-43.064
3071	30.70	-43.487	-44.811	-46.801	-48.840	-50.186	-50.235	-48.706	-45.654	-41.370	-36.208
3081	30.80	-30.463	-24.313	-17.839	-11.082	-4.078	3.128	10.492	17.965	25.450	32.743
3091	30.90	39.492	45.226	49.472	51.925	52.601	51.892	50.483	49.145	48.485	48.766
3101	31.00	49.868	51.401	52.918	54.112	54.916	55.458	55.923	56.285	56.721	56.642
3111	31.10	55.829	54.100	51.513	48.366	45.087	42.067	39.533	37.490	35.770	34.130
3121	31.20	32.364	30.362	28.117	25.702	23.232	20.851	18.724	17.027	15.899	15.377
3131	31.30	15.333	15.469	15.381	14.689	13.177	10.880	8.061	5.091	2.278	-0.260
3141	31.40	-2.632	-5.090	-7.883	-11.116	-14.707	-18.431	-22.043	-25.378	-28.390	-31.092
3151	31.50	-33.462	-35.381	-36.658	-37.155	-36.933	-36.320	-35.844	-36.032	-37.149	-39.033
3161	31.60	-41.116	-42.641	-43.000	-42.017	-40.038	-37.778	-35.981	-35.068	-34.945	-35.056
3171	31.70	-34.668	-33.225	-30.598	-27.117	-23.374	-19.912	-16.981	-14.479	-12.105	-9.616
3181	31.80	-7.056	-4.801	-3.398	-3.290	-4.572	-6.902	-9.638	-12.101	-13.859	-14.863
3191	31.90	-15.397	-15.882	-16.644	-17.777	-19.156	-20.567	-21.847	-22.951	-23.891	-24.599
3201	32.00	-24.820	-24.119	-22.033	-18.305	-13.067	-6.874	-0.546	5.120	9.620	12.884
3211	32.10	15.206	17.022	18.660	20.199	21.499	22.389	22.880	23.277	24.112	25.916
3221	32.20	28.948	33.020	37.522	41.632	44.625	46.123	46.188	45.218	43.725	42.116
3231	32.30	40.576	39.109	37.678	35.339	35.296	34.810	35.040	35.870	36.861	37.333
3241	32.40	36.577	34.096	29.774	23.908	17.103	10.080	3.478	-2.273	-6.984	-10.659
3251	32.50	-13.404	-15.354	-16.626	-17.318	-17.536	-17.424	-17.187	-17.095	-17.451	-18.545
3261	32.60	-20.570	-23.544	-27.250	-31.242	-34.925	-37.714	-39.215	-39.372	-38.503	-37.210
3271	32.70	-36.171	-35.902	-36.566	-37.926	-39.430	-40.420	-40.356	-38.978	-36.347	-32.780
3281	32.80	-28.708	-24.550	-20.631	-17.184	-14.386	-12.399	-11.373	-11.405	-12.480	-14.433
3291	32.90	-16.954	-19.655	-22.158	-24.189	-25.615	-26.435	-26.725	-26.557	-25.944	-24.817
3301	33.00	-23.038	-20.456	-16.972	-12.596	-7.474	-1.874	3.874	9.458	14.677	19.482
3311	33.10	23.962	28.248	32.382	36.199	39.291	41.093	41.083	39.012	35.074	29.923
3321	33.20	24.498	19.731	16.234	14.121	13.031	12.360	11.580	10.503	9.356	8.633
3331	33.30	8.808	10.040	12.042	14.192	15.816	16.537	16.488	16.286	16.767	18.600
3341	33.40	21.960	26.423	31.114	35.047	37.494	38.203	37.392	35.543	33.118	30.347
3351	33.50	27.191	23.482	19.139	14.328	9.485	5.171	1.850	-0.293	-1.408	-1.873
3361	33.60	-2.104	-2.384	-2.793	-3.275	-3.773	-4.348	-5.184	-6.487	-8.319	-10.489
3371	33.70	-12.583	-14.136	-14.876	-14.905	-14.708	-14.946	-16.135	-18.344	-21.093	-23.501
3381	33.80	-24.663	-24.067	-21.871	-18.892	-16.294	-15.109	-15.805	-18.076	-20.977	-23.308
3391	33.90	-24.095	-22.942	-20.122	-16.377	-12.552	-9.232	-6.568	-4.331	-2.155	0.175
3401	34.00	2.549	4.559	5.706	5.687	4.598	2.973	1.621	1.337	2.622	5.520
3411	34.10	9.640	14.326	18.899	22.865	26.012	28.381	30.160	31.552	32.687	33.595
3421	34.20	34.237	34.551	34.505	34.106	33.406	32.480	31.420	30.316	29.243	28.240
3431	34.30	27.286	26.289	25.100	23.556	21.535	19.007	16.049	12.818	9.501	6.250
3441	34.40	3.143	0.191	-2.635	-5.358	-7.959	-10.386	-12.569	-14.451	-16.004	-17.226
3451	34.50	-18.118	-18.689	-18.960	-19.008	-18.987	-19.123	-19.647	-20.696	-22.216	-23.919
3461	34.60	-25.347	-26.010	-25.577	-24.020	-21.654	-19.044	-16.809	-15.424	-15.064	-15.594
3471	34.70	-16.658	-17.837	-18.788	-19.309	-19.307	-18.724	-17.470	-15.425	-12.512	-8.813
3481	34.80	-4.655	-0.602	2.649	4.459	4.428	2.522	-0.919	-5.280	-9.831	-13.889
3491	34.90	-16.942	-18.698	-19.087	-18.231	-16.401	-13.972	-11.361	-8.958	-7.050	-5.764

Table 7-58-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1250 1322-BK-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-5.054	-4.748	-4.631	-4.541	-4.415	-4.270	-4.132	-3.946	-3.528	-2.606
3511	35.10	-0.928	1.589	4.754	8.102	11.015	12.918	13.491	12.783	11.196	9.328
3521	35.20	7.752	6.813	6.526	6.612	6.642	6.225	5.166	3.524	1.571	-0.308
3531	35.30	-1.745	-2.466	-2.327	-1.287	0.624	3.323	6.668	10.432	14.291	17.845
3541	35.40	20.681	22.464	23.013	22.332	20.582	18.008	14.851	11.297	7.480	3.524
3551	35.50	-0.385	-3.976	-6.920	-8.920	-9.831	-9.736	-8.944	-7.894	-6.994	-6.473
3561	35.60	-6.299	-6.224	-5.922	-5.158	-3.913	-2.395	-0.925	0.241	1.066	1.781
3571	35.70	2.783	4.443	6.887	9.871	12.827	15.043	15.928	15.234	13.145	10.191
3581	35.80	7.040	4.261	2.156	0.728	-0.225	-0.960	-1.654	-2.351	-3.004	-3.556
3591	35.90	-4.008	-4.431	-4.907	-5.458	-5.996	-6.352	-6.358	-5.954	-5.239	-4.450
3601	36.00	-3.857	-3.641	-3.813	-4.224	-4.673	-5.047	-5.426	-6.087	-7.394	-9.621
3611	36.10	-12.798	-16.640	-20.618	-24.127	-26.678	-28.047	-28.298	-27.706	-26.607	-25.289
3621	36.20	-23.815	-22.253	-20.549	-18.717	-16.855	-15.128	-13.683	-12.575	-11.718	-10.905
3631	36.30	-9.888	-8.472	-6.602	-4.378	-2.025	0.193	2.062	3.489	4.518	5.297
3641	36.40	6.008	6.793	7.695	8.651	9.538	10.248	10.778	11.279	12.051	13.460
3651	36.50	15.812	19.217	23.511	28.266	32.902	36.863	39.785	41.597	42.510	42.894
3661	36.60	43.117	43.392	43.718	43.930	43.816	43.248	42.251	40.976	39.597	38.177
3671	36.70	36.594	34.550	31.696	27.783	22.807	17.050	11.027	5.334	0.487	-3.206
3681	36.80	-5.695	-7.145	-7.863	-8.205	-8.504	-9.033	-9.969	-11.374	-13.166	-15.116
3691	36.90	-16.889	-18.141	-18.640	-18.388	-17.664	-16.976	-16.911	-17.947	-20.294	-23.825
3701	37.00	-28.132	-32.664	-36.901	-40.469	-43.190	-45.039	-46.069	-46.354	-45.978	-45.068
3711	37.10	-43.830	-42.545	-41.505	-40.905	-40.743	-40.788	-40.634	-39.841	-38.092	-35.298
3721	37.20	-31.611	-27.350	-22.864	-18.432	-14.220	-10.308	-6.761	-3.670	-1.138	0.792
3731	37.30	2.219	3.414	4.759	6.610	9.138	12.241	15.577	18.712	21.327	23.369
3741	37.40	25.081	26.877	29.129	31.969	35.212	38.426	41.142	43.061	44.186	44.792
3751	37.50	45.250	45.819	46.494	47.007	46.972	46.098	44.362	42.035	39.562	37.345
3761	37.60	35.548	34.025	32.406	30.298	27.496	24.104	20.493	17.144	14.442	12.531
3771	37.70	11.296	10.467	9.778	9.088	8.404	7.802	7.296	6.744	5.844	4.241
3781	37.80	1.686	-1.841	-6.092	-10.629	-14.982	-18.806	-21.960	-24.504	-26.597	-28.386
3791	37.90	-29.931	-31.213	-32.195	-32.905	-33.484	-34.157	-35.146	-36.568	-38.366	-40.322
3801	38.00	-42.141	-43.570	-44.506	-45.030	-45.362	-45.747	-46.330	-47.053	-47.640	-47.656
3811	38.10	-46.634	-44.220	-40.291	-35.003	-28.762	-22.111	-15.587	-9.586	-4.280	0.367
3821	38.20	4.521	8.340	11.862	14.957	17.380	18.895	19.427	19.155	18.506	18.028
3831	38.30	18.207	19.289	21.210	23.645	26.182	28.505	30.525	32.374	34.283	36.394
3841	38.40	38.625	40.656	42.049	42.454	41.788	40.287	38.411	36.632	35.215	34.122
3851	38.50	33.072	31.749	30.038	28.163	26.638	26.039	26.694	28.465	30.712	32.500
3861	38.60	32.957	31.622	28.621	24.587	20.365	16.632	13.617	11.042	8.315	4.868
3871	38.70	0.473	-4.614	-9.753	-14.205	-17.468	-19.501	-20.730	-21.842	-23.472	-25.929
3881	38.80	-29.086	-32.470	-35.505	-37.771	-39.166	-39.902	-40.360	-40.877	-41.582	-42.350
3891	38.90	-42.888	-42.891	-42.192	-40.828	-39.004	-36.985	-34.977	-33.052	-31.165	-29.218
3901	39.00	-27.151	-25.004	-22.913	-21.060	-19.597	-18.585	-17.976	-17.634	-17.383	-17.052
3911	39.10	-16.497	-15.613	-14.328	-12.617	-10.514	-8.137	-5.693	-3.449	-1.670	-0.542
3921	39.20	-0.100	-0.212	-0.606	-0.960	-1.003	-0.598	0.238	1.370	2.633	3.923
3931	39.30	5.255	6.746	8.538	10.688	13.082	15.409	17.237	18.156	17.940	16.654
3941	39.40	14.666	12.529	10.793	9.819	9.663	10.102	10.773	11.382	11.861	12.417
3951	39.50	13.427	15.240	17.961	21.343	24.829	27.749	29.566	30.075	29.448	28.108
3961	39.60	26.500	24.867	23.157	21.100	18.431	15.123	11.522	8.286	6.141	5.567
3971	39.70	6.560	8.592	10.798	12.319	12.646	11.799	10.281	8.804	7.948	7.886
3981	39.80	8.325	8.664	8.302	6.932	4.682	2.049	-0.354	-2.088	-3.087	-3.666
3991	39.90	-4.344	-5.564	-7.470	-9.825	-12.124	-13.835	-14.647	-14.611	-14.106	-13.654

Table 7-58-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1250 1322-BK-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-13.686	-14.357	-15.510	-16.787	-17.828	-18.447	-18.715	-18.890	-19.263	-19.985
4011	40.10	-20.975	-21.954	-22.585	-22.645	-22.139	-21.291	-20.427	-19.787	-19.383	-18.967
4021	40.20	-18.141	-16.557	-14.112	-11.069	-7.903	-5.310	-3.754	-3.382	-3.940	-4.887
4031	40.30	-5.621	-5.709	-5.042	-3.827	-2.450	-1.270	-0.456	0.070	0.553	1.239
4041	40.40	2.218	3.363	4.380	4.973	5.009	4.625	4.190	4.159	4.869	6.380
4051	40.50	8.461	10.598	12.391	13.564	14.165	14.515	15.042	16.068	17.652	19.494
4061	40.60	21.138	22.065	21.954	20.793	18.883	16.714	14.777	13.400	12.668	12.450
4071	40.70	12.509	12.641	12.774	12.991	13.477	14.417	15.891	17.819	19.967	22.008
4081	40.80	23.622	24.585	24.824	24.422	23.578	22.531	21.475	20.497	19.549	18.472
4091	40.90	17.054	15.129	12.653	9.762	6.756	4.033	1.978	0.840	0.653	1.217
4101	41.00	2.156	3.034	3.473	3.255	2.350	0.885	-0.931	-2.898	-4.882	-6.825
4111	41.10	-8.718	-10.555	-12.290	-13.836	-15.095	-16.008	-16.602	-17.000	-17.396	-17.997
4121	41.20	-18.956	-20.325	-22.047	-23.983	-25.964	-27.854	-29.581	-31.141	-32.569	-33.893
4131	41.30	-35.100	-36.117	-36.826	-37.089	-36.797	-35.892	-34.381	-32.326	-29.824	-26.986
4141	41.40	-23.930	-20.774	-17.643	-14.653	-11.899	-9.421	-7.179	-5.055	-2.879	-0.485
4151	41.50	2.214	5.178	8.233	11.113	13.549	15.365	16.536	17.191	17.554	17.837
4161	41.60	18.145	18.434	18.526	18.206	17.331	15.921	14.174	12.421	11.005	10.173
4171	41.70	9.992	10.341	10.975	11.620	12.066	12.221	12.098	11.771	11.305	10.709
4181	41.80	9.923	8.851	7.402	5.546	3.334	0.905	-1.543	-3.789	-5.630	-6.914
4191	41.90	-7.566	-7.596	-7.099	-6.228	-5.156	-4.033	-2.947	-1.912	-0.883	0.204
4201	42.00	1.374	2.587	3.726	4.643	5.218	5.415	5.313	5.081	4.921	4.990
4211	42.10	5.342	5.908	6.537	7.056	7.347	7.390	7.258	7.072	6.940	6.892
4221	42.20	6.871	6.746	6.375	5.668	4.635	3.390	2.123	1.033	0.260	-0.160
4231	42.30	-0.308	-0.349	-0.481	-0.866	-1.584	-2.623	-3.894	-5.285	-6.704	-8.118
4241	42.40	-9.548	-11.048	-12.656	-14.354	-16.055	-17.615	-18.869	-19.686	-19.999	-19.819
4251	42.50	-19.226	-18.335	-17.273	-16.158	-15.089	-14.145	-13.381	-12.816	-12.420	-12.111
4261	42.60	-11.768	-11.265	-10.520	-9.532	-8.389	-7.253	-6.296	-5.645	-5.328	-5.257
4271	42.70	-5.248	-5.068	-4.496	-3.365	-1.600	0.769	3.616	6.726	9.827	12.625
4281	42.80	14.861	16.356	17.052	17.014	16.396	15.384	14.138	12.764	11.330	9.911
4291	42.90	8.639	7.713	7.353	7.703	8.731	10.184	11.629	12.594	12.751	12.052
4301	43.00	10.776	9.420	8.505	8.355	8.963	10.005	10.995	11.510	11.385	10.780
4311	43.10	10.086	9.722	9.921	10.602	11.406	11.862	11.614	10.603	9.101	7.595
4321	43.20	6.569	6.287	6.672	7.335	7.745	7.443	6.226	4.217	1.795	-0.557
4331	43.30	-2.436	-3.645	-4.230	-4.419	-4.514	-4.776	-5.349	-6.248	-7.388	-8.640
4341	43.40	-9.886	-11.051	-12.100	-13.027	-13.830	-14.486	-14.943	-15.134	-14.998	-14.513
4351	43.50	-13.729	-12.776	-11.848	-11.159	-10.882	-11.092	-11.743	-12.674	-13.665	-14.494
4361	43.60	-14.991	-15.062	-14.668	-13.791	-12.402	-10.460	-7.945	-4.909	-1.521	1.938
4371	43.70	5.121	7.701	9.471	10.396	10.606	10.343	9.858	9.331	8.829	8.329
4381	43.80	7.774	7.149	6.524	6.047	5.896	6.202	6.994	8.173	9.545	10.883
4391	43.90	12.005	12.826	13.373	13.754	14.101	14.512	15.010	15.540	16.004	16.303
4401	44.00	16.383	16.249	15.943	15.504	14.914	14.084	12.868	11.129	8.816	6.018
4411	44.10	2.980	0.034	-2.504	-4.445	-5.795	-6.741	-7.566	-8.519	-9.707	-11.058
4421	44.20	-12.380	-13.474	-14.251	-14.797	-15.327	-16.071	-17.129	-18.386	-19.524	-20.152
4431	44.30	-19.984	-18.992	-17.442	-15.811	-14.597	-14.112	-14.361	-15.046	-15.693	-15.869
4441	44.40	-15.249	-13.881	-11.939	-9.700	-7.393	-5.126	-2.912	-0.762	1.229	2.837
4451	44.50	3.766	3.771	2.793	1.032	-1.075	-2.987	-4.235	-4.577	-4.063	-2.992
4461	44.60	-1.783	-0.812	-0.294	-0.240	-0.496	-0.843	-1.098	-1.174	-1.089	-0.920
4471	44.70	-0.740	-0.573	-0.378	-0.083	0.365	0.955	1.593	2.124	2.386	2.270
4481	44.80	1.763	0.961	0.039	-0.810	-1.430	-1.746	-1.763	-1.540	-1.149	-0.637
4491	44.90	-0.014	0.726	1.585	2.537	3.531	4.526	5.526	6.601	7.869	9.440

Table 7-58-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1250 1322-BK-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	11.346	13.491	15.658	17.576	19.029	19.945	20.432	20.722	21.048	21.510
4511	45.10	21.992	22.184	21.705	20.286	17.926	14.945	11.911	9.457	8.063	7.992
4521	45.20	8.803	10.344	12.037	13.505	14.590	15.345	15.921	16.431	16.860	16.954
4531	45.30	16.504	15.282	13.268	10.683	7.930	5.461	3.603	2.437	1.764	1.186
4541	45.40	0.259	-1.330	-3.645	-6.470	-9.397	-11.976	-13.880	-15.017	-15.543	-15.787
4551	45.50	-16.110	-16.764	-17.819	-19.165	-20.594	-21.916	-23.040	-23.990	-24.851	-25.672
4561	45.60	-26.388	-26.803	-26.663	-25.772	-24.111	-21.884	-19.462	-17.256	-15.550	-14.400
4571	45.70	-13.621	-12.886	-11.890	-10.490	-8.761	-6.953	-5.357	-4.162	-3.365	-2.790
4581	45.80	-2.178	-1.325	-0.173	1.169	2.499	3.635	4.503	5.160	5.743	6.363
4591	45.90	7.025	7.601	7.892	7.733	7.102	6.161	5.212	4.592	4.539	5.110
4601	46.00	6.167	7.447	8.666	9.614	10.200	10.436	10.379	10.077	9.535	8.731
4611	46.10	7.657	6.353	4.920	3.493	2.191	1.079	0.150	-0.661	-1.430	-2.213
4621	46.20	-3.021	-3.832	-4.617	-5.356	-6.045	-6.665	-7.165	-7.450	-7.411	-6.975
4631	46.30	-6.168	-5.136	-4.117	-3.354	-2.986	-2.968	-3.065	-2.932	-2.258	-0.911
4641	46.40	0.978	3.041	4.800	5.841	5.972	5.282	4.084	2.771	1.647	0.816
4651	46.50	0.182	-0.460	-1.266	-2.225	-3.130	-3.651	-3.485	-2.505	-0.833	1.196
4661	46.60	3.162	4.728	5.759	6.342	6.716	7.131	7.725	8.467	9.184	9.659
4671	46.70	9.739	9.394	8.715	7.850	6.925	5.998	5.066	4.113	3.171	2.353
4681	46.80	1.821	1.722	2.106	2.880	3.828	4.674	5.179	5.215	4.793	4.030
4691	46.90	3.095	2.145	1.294	0.613	0.144	-0.080	-0.042	0.237	0.672	1.116
4701	47.00	1.383	1.303	0.775	-0.205	-1.551	-3.129	-4.804	-6.471	-8.054	-9.482
4711	47.10	-10.659	-11.470	-11.804	-11.611	-10.954	-10.013	-9.049	-8.320	-8.002	-8.131
4721	47.20	-8.608	-9.259	-9.909	-10.455	-10.876	-11.217	-11.523	-11.801	-11.998	-12.026
4731	47.30	-11.811	-11.324	-10.597	-9.691	-8.661	-7.522	-6.256	-4.845	-3.322	-1.805
4741	47.40	-0.489	0.415	0.752	0.497	-0.223	-1.150	-1.977	-2.425	-2.318	-1.601
4751	47.50	-0.329	1.377	3.375	5.530	7.724	9.852	11.817	13.525	14.899	15.875
4761	47.60	16.412	16.484	16.076	15.188	13.847	12.114	10.100	7.947	5.806	3.802
4771	47.70	2.009	0.448	-0.889	-2.006	-2.868	-3.411	-3.567	-3.322	-2.754	-2.046
4781	47.80	-1.441	-1.172	-1.374	-2.029	-2.964	-3.900	-4.545	-4.674	-4.200	-3.182
4791	47.90	-1.803	-0.309	1.049	2.074	2.661	2.816	2.650	2.353	2.143	2.202
4801	48.00	2.613	3.329	4.185	4.960	5.461	5.610	5.475	5.239	5.117	5.256
4811	48.10	5.671	6.247	6.810	7.232	7.510	7.780	8.245	9.063	10.236	11.574
4821	48.20	12.749	13.423	13.389	12.660	11.454	10.105	8.921	8.075	7.571	7.294
4831	48.30	7.100	6.898	6.674	6.447	6.193	5.801	5.086	3.880	2.144	0.048
4841	48.40	-2.048	-3.708	-4.585	-4.570	-3.842	-2.791	-1.855	-1.342	-1.313	-1.599
4851	48.50	-1.909	-1.798	-1.789	-1.402	-1.079	-1.054	-1.429	-2.136	-2.988	-3.783
4861	48.60	-4.408	-4.889	-5.347	-5.906	-6.608	-7.366	-8.005	-8.348	-8.304	-7.915
4871	48.70	-7.325	-6.707	-6.179	-5.768	-5.434	-5.138	-4.906	-4.852	-5.126	-5.828
4881	48.80	-6.922	-8.211	-9.390	-10.158	-10.338	-9.940	-9.148	-8.216	-7.356	-6.651
4891	48.90	-6.048	-5.421	-4.675	-3.817	-2.963	-2.278	-1.876	-1.748	-1.754	-1.690
4901	49.00	-1.393	-0.831	-0.133	0.466	0.733	0.542	-0.068	-0.916	-1.757	-2.386
4911	49.10	-2.703	-2.723	-2.535	-2.236	-1.887	-1.505	-1.093	-0.671	-0.292	-0.019
4921	49.20	0.116	0.153	0.202	0.401	0.844	1.523	2.318	3.037	3.498	3.606
4931	49.30	3.389	2.969	2.493	2.062	1.687	1.320	0.908	0.469	0.108	-0.019
4941	49.40	0.211	0.800	1.590	2.303	2.648	2.440	1.682	0.555	-0.666	-1.745
4951	49.50	-2.592	-3.292	-4.045	-5.051	-6.386	-7.946	-9.470	-10.639	-11.195	-11.032
4961	49.60	-10.210	-8.907	-7.336	-5.671	-4.015	-2.424	-0.951	0.315	1.248	1.721
4971	49.70	1.664	1.102	0.160	-0.977	-2.131	-3.180	-4.088	-4.884	-5.614	-6.300
4981	49.80	-6.910	-7.367	-7.585	-7.500	-7.096	-6.403	-5.482	-4.400	-3.221	-2.012
4991	49.90	-0.851	0.164	0.927	1.346	1.376	1.046	0.455	-0.246	-0.892	-1.341

Table 7-58-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1250 1322-DK-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.495	-1.306	-0.767	0.091	1.204	2.471	3.743	4.846	5.611	5.927
5011	50.10	5.790	5.325	4.764	4.386	4.424	4.991	6.047	7.420	8.880	10.226
5021	50.20	11.357	12.289	13.111	13.909	14.690	15.353	15.721	15.624	15.003	13.974
5031	50.30	12.829	11.953	11.692	12.231	13.515	15.271	17.101	18.624	19.597	19.979
5041	50.40	19.897	19.560	19.143	18.706	18.177	17.409	16.271	14.735	12.912	11.031
5051	50.50	9.353	8.081	7.283	6.876	6.652	6.356	5.755	4.705	3.170	1.213
5061	50.60	-1.029	-3.386	-5.685	-7.775	-9.551	-10.960	-12.012	-12.774	-13.344	-13.830
5071	50.70	-14.316	-14.844	-15.413	-15.991	-16.544	-17.058	-17.544	-18.034	-18.558	-19.121
5081	50.80	-19.691	-20.206	-20.582	-20.740	-20.618	-20.180	-19.417	-18.334	-16.953	-15.316
5091	50.90	-13.489	-11.568	-9.680	-7.961	-6.539	-5.504	-4.887	-4.649	-4.694	-4.888
5101	51.00	-5.090	-5.189	-5.124	-4.892	-4.535	-4.117	-3.687	-3.259	-2.793	-2.211
5111	51.10	-1.424	-0.367	0.967	2.518	4.159	5.731	7.073	8.054	8.602	8.708
5121	51.20	8.427	7.866	7.165	6.480	5.944	5.647	5.601	5.739	5.932	6.032
5131	51.30	5.922	5.567	5.025	4.432	3.950	3.717	3.803	4.201	4.851	5.675
5141	51.40	6.605	7.589	8.573	9.481	10.204	10.623	10.655	10.300	9.664	8.936
5151	51.50	8.325	7.979	7.930	8.085	8.265	8.285	8.023	7.450	6.614	5.584
5161	51.60	4.407	3.083	1.590	-0.063	-1.789	-3.416	-4.734	-5.569	-5.868	-5.727
5171	51.70	-5.366	-5.044	-4.960	-5.185	-5.648	-6.192	-6.654	-6.946	-7.087	-7.189
5181	51.80	-7.391	-7.794	-8.410	-9.159	-9.894	-10.456	-10.720	-10.621	-10.168	-9.428
5191	51.90	-8.508	-7.527	-6.595	-5.789	-5.139	-4.628	-4.213	-3.851	-3.535	-3.304
5201	52.00	-3.237	-3.405	-3.824	-4.419	-5.034	-5.473	-5.580	-5.305	-4.723	-4.004
5211	52.10	-3.334	-2.830	-2.490	-2.203	-1.816	-1.223	-0.426	0.452	1.227	1.739
5221	52.20	1.928	1.867	1.722	1.669	1.819	2.166	2.607	3.000	3.246	3.333
5231	52.30	3.340	3.387	3.572	3.919	4.376	4.843	5.229	5.496	5.670	5.815
5241	52.40	5.989	6.212	6.454	6.663	6.807	6.901	7.016	7.245	7.653	8.228
5251	52.50	8.866	9.395	9.624	9.412	8.715	7.597	6.214	4.755	3.394	2.241
5261	52.60	1.336	0.654	0.137	-0.275	-0.620	-0.914	-1.160	-1.364	-1.554	-1.777
5271	52.70	-2.088	-2.525	-3.090	-3.733	-4.366	-4.886	-5.211	-5.307	-5.198	-4.949
5281	52.80	-4.636	-4.310	-3.973	-3.586	-3.085	-2.423	-1.593	-0.641	0.351	1.291
5291	52.90	2.102	2.741	3.184	3.419	3.422	3.164	2.626	1.829	0.853	-0.157
5301	53.00	-1.025	-1.588	-1.749	-1.506	-0.950	-0.234	0.478	1.056	1.425	1.565
5311	53.10	1.487	1.206	0.734	0.080	-0.728	-1.618	-2.476	-3.157	-3.521	-3.486
5321	53.20	-3.052	-2.323	-1.479	-0.735	-0.278	-0.215	-0.543	-1.151	-1.854	-2.453
5331	53.30	-2.793	-2.814	-2.561	-2.167	-1.798	-1.595	-1.626	-1.867	-2.220	-2.560
5341	53.40	-2.781	-2.832	-2.716	-2.467	-2.112	-1.639	-1.010	-0.187	0.820	1.914
5351	53.50	2.918	3.612	3.810	3.430	2.533	1.310	0.024	-1.078	-1.829	-2.180
5361	53.60	-2.183	-1.941	-1.556	-1.096	-0.596	-0.081	0.407	0.798	1.018	1.023
5371	53.70	0.834	0.544	0.285	0.176	0.269	0.522	0.824	1.052	1.134	1.095
5381	53.80	1.043	1.122	1.428	1.951	2.560	3.042	3.184	2.863	2.092	1.022
5391	53.90	-0.114	-1.083	-1.724	-1.986	-1.921	-1.636	-1.242	-0.809	-0.351	0.156
5401	54.00	0.750	1.447	2.224	3.011	3.708	4.201	4.399	4.257	3.800	3.125
5411	54.10	2.386	1.750	1.345	1.207	1.259	1.337	1.245	0.844	0.109	-0.862
5421	54.20	-1.795	-2.522	-2.867	-2.815	-2.478	-2.042	-1.668	-1.422	-1.257	-1.048
5431	54.30	-0.681	-0.127	0.528	1.118	1.475	1.520	1.299	0.966	0.705	0.636
5441	54.40	0.766	0.995	1.187	1.261	1.252	1.301	1.580	2.188	3.069	4.007
5451	54.50	4.707	4.918	4.560	3.771	2.861	2.186	2.003	2.359	3.078	3.830
5461	54.60	4.270	4.161	3.446	2.242	0.770	-0.745	-2.137	-3.337	-4.342	-5.179
5471	54.70	-5.865	-6.397	-6.763	-6.969	-7.051	-7.063	-7.057	-7.058	-7.053	-7.007
5481	54.80	-6.890	-6.701	-6.472	-6.251	-6.064	-5.891	-5.666	-5.303	-4.744	-3.997
5491	54.90	-3.152	-2.349	-1.732	-1.389	-1.326	-1.468	-1.708	-1.957	-2.178	-2.395

Table 7-58-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1250 1322-BK-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-2.658	-2.994	-3.379	-3.726	-3.930	-3.908	-3.654	-3.238	-2.784	-2.403
5511	55.10	-2.138	-1.938	-1.679	-1.229	-0.520	0.400	1.366	2.152	2.552	2.665
5521	55.20	1.931	1.112	0.225	-0.538	-1.080	-1.412	-1.622	-1.815	-2.049	-2.309
5531	55.30	-2.517	-2.576	-2.419	-2.037	-1.472	-0.783	-0.010	0.849	1.828	2.957
5541	55.40	4.222	5.543	6.791	7.832	8.575	9.013	9.218	9.300	9.351	9.398
5551	55.50	9.395	9.252	8.890	8.297	7.552	6.801	6.210	5.902	5.911	6.176
5561	55.60	6.564	6.920	7.113	7.063	6.754	6.228	5.569	4.894	4.334	4.014
5571	55.70	4.022	4.374	4.999	5.742	6.405	6.810	6.857	6.556	6.010	5.362
5581	55.80	4.721	4.121	3.505	2.776	1.864	0.780	-0.369	-1.422	-2.236	-2.758
5591	55.90	-3.052	-3.269	-3.567	-4.032	-4.632	-5.230	-5.651	-5.773	-5.587	-5.206
5601	56.00	-4.806	-4.549	-4.502	-4.618	-4.767	-4.809	-4.666	-4.357	-3.989	-3.698
5611	56.10	-3.586	-3.687	-3.962	-4.337	-4.748	-5.171	-5.614	-6.097	-6.611	-7.112
5621	56.20	-7.529	-7.803	-7.910	-7.877	-7.753	-7.576	-7.332	-6.954	-6.351	-5.462
5631	56.30	-4.306	-2.994	-1.697	-0.585	0.241	0.789	1.162	1.503	1.930	2.481
5641	56.40	3.110	3.719	4.222	4.595	4.889	5.211	5.661	6.286	7.046	7.824
5651	56.50	8.466	8.827	8.812	8.389	7.587	6.474	5.146	3.719	2.322	1.088
5661	56.60	0.133	-0.477	-0.746	-0.758	-0.654	-0.588	-0.684	-0.996	-1.513	-2.175
5671	56.70	-2.915	-3.682	-4.442	-5.167	-5.806	-6.277	-6.491	-6.391	-6.003	-5.455
5681	56.80	-4.951	-4.699	-4.833	-5.347	-6.090	-6.828	-7.341	-7.522	-7.421	-7.219
5691	56.90	-7.136	-7.318	-7.753	-8.266	-8.587	-8.468	-7.802	-6.668	-5.313	-4.042
5701	57.00	-3.107	-2.607	-2.473	-2.521	-2.551	-2.449	-2.229	-2.013	-1.957	-2.162
5711	57.10	-2.608	-3.156	-3.599	-3.747	-3.500	-2.885	-2.028	-1.104	-0.257	0.441
5721	57.20	1.004	1.508	2.039	2.659	3.380	4.176	5.005	5.835	6.665	7.519
5731	57.30	8.428	9.409	10.445	11.480	12.429	13.198	13.713	13.939	13.894	13.644
5741	57.40	13.287	12.924	12.628	12.423	12.285	12.152	11.958	11.661	11.259	10.784
5751	57.50	10.278	9.761	9.216	8.593	7.848	6.976	6.047	5.190	4.552	4.222
5761	57.60	4.179	4.265	4.234	3.838	2.929	1.530	-0.164	-1.852	-3.241	-4.157
5771	57.70	-4.606	-4.757	-4.864	-5.161	-5.772	-6.679	-7.762	-8.862	-9.862	-10.717
5781	57.80	-11.446	-12.088	-12.645	-13.059	-13.227	-13.048	-12.475	-11.542	-10.358	-9.063
5791	57.90	-7.777	-6.563	-5.423	-4.329	-3.257	-2.218	-1.256	-0.425	0.245	0.769
5801	58.00	1.207	1.632	2.094	2.590	3.063	3.427	3.603	3.560	3.326	2.980
5811	58.10	2.623	2.350	2.227	2.288	2.532	2.937	3.464	4.051	4.615	5.060
5821	58.20	5.287	5.224	4.837	4.148	3.221	2.149	1.031	-0.049	-1.023	-1.851
5831	58.30	-2.512	-3.012	-3.388	-3.709	-4.062	-4.528	-5.145	-5.882	-6.634	-7.244
5841	58.40	-7.554	-7.464	-6.966	-6.154	-5.190	-4.248	-3.458	-2.878	-2.499	-2.280
5851	58.50	-2.193	-2.250	-2.500	-3.003	-3.780	-4.786	-5.901	-6.962	-7.806	-8.324
5861	58.60	-8.485	-8.337	-7.975	-7.501	-6.983	-6.437	-5.833	-5.116	-4.237	-3.183
5871	58.70	-1.988	-0.725	0.510	1.629	2.582	3.371	4.051	4.707	5.421	6.243
5881	58.80	7.160	8.108	8.991	9.723	10.262	10.624	10.871	11.069	11.250	11.387
5891	58.90	11.407	11.226	10.809	10.201	9.528	8.955	8.613	8.536	8.635	8.728
5901	59.00	8.603	8.111	7.228	6.060	4.804	3.665	2.782	2.180	1.778	1.436
5911	59.10	1.015	0.432	-0.329	-1.230	-2.210	-3.213	-4.193	-5.105	-5.892	-6.479
5921	59.20	-6.789	-6.783	-6.481	-5.979	-5.430	-4.994	-4.787	-4.850	-5.139	-5.558
5931	59.30	-5.999	-6.387	-6.696	-6.938	-7.141	-7.315	-7.442	-7.484	-7.400	-7.168
5941	59.40	-6.791	-6.287	-5.670	-4.929	-4.030	-2.930	-1.610	-0.097	1.520	3.102
5951	59.50	4.492	5.551	6.192	6.393	6.199	5.701	5.018	4.277	3.596	3.074
5961	59.60	2.777	2.734	2.923	3.283	3.715	4.199	4.360	4.394	4.172	3.705
5971	59.70	3.040	2.263	1.481	0.810	0.355	0.187	0.323	0.715	1.258	1.814
5981	59.80	2.256	2.503	2.546	2.445	2.305	2.224	2.263	2.421	2.643	2.849
5991	59.90	2.974	2.989	2.907	2.771	2.623	2.488	2.362	2.225	2.059	1.861

Table 7-58-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1250 1322-BK-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	1.647	1.444	1.271	1.128	1.004	0.883	0.767	0.682	0.674	0.784
6011	60.10	1.019	1.360	1.660	1.866	1.862	1.594	1.064	0.327	-0.549	-1.501
6021	60.20	-2.499	-3.541	-4.628	-5.747	-6.847	-7.845	-8.645	-9.163	-9.358	-9.227
6031	60.30	-8.803	-8.131	-7.247	-6.181	-4.964	-3.652	-2.339	-1.148	-0.212	0.372
6041	60.40	0.579	0.472	0.186	-0.111	-0.275	-0.235	-0.004	0.334	0.669	0.917
6051	60.50	1.052	1.108	1.159	1.265	1.443	1.645	1.780	1.752	1.512	1.083
6061	60.60	0.557	0.068	-0.261	-0.361	-0.227	0.087	0.506	0.971	1.453	1.949
6071	60.70	2.446	2.892	3.182	3.179	2.760	1.873	0.575	-0.968	-2.531	-3.895
6081	60.80	-4.926	-5.607	-6.031	-6.346	-6.683	-7.093	-7.523	-7.848	-7.931	-7.686
6091	60.90	-7.129	-6.379	-5.617	-5.023	-4.714	-4.707	-4.929	-5.245	-5.519	-5.653
6101	61.00	-5.615	-5.427	-5.143	-4.812	-4.453	-4.055	-3.587	-3.022	-2.360	-1.630
6111	61.10	-0.883	-0.158	0.540	1.256	2.076	3.090	4.351	5.830	7.400	8.865
6121	61.20	10.003	10.639	10.695	10.213	9.326	8.208	7.008	5.807	4.619	3.418
6131	61.30	2.198	1.008	-0.043	-0.825	-1.249	-1.325	-1.174	-0.999	-0.999	-1.296
6141	61.40	-1.870	-2.572	-3.184	-3.509	-3.458	-3.077	-2.522	-1.983	-1.595	-1.390
6151	61.50	-1.295	-1.177	-0.921	-0.480	0.101	0.724	1.285	1.723	2.043	2.289
6161	61.60	2.503	2.688	2.795	2.749	2.495	2.041	1.467	0.902	0.470	0.243
6171	61.70	0.212	0.309	0.469	0.577	0.696	0.853	1.098	1.439	1.819	2.134
6181	61.80	2.285	2.233	2.033	1.819	1.747	1.919	2.335	2.884	3.400	3.734
6191	61.90	3.837	3.775	3.707	3.802	4.162	4.767	5.493	6.171	6.672	6.971
6201	62.00	7.147	7.337	7.646	8.077	8.508	8.732	8.552	7.873	6.762	5.434
6211	62.10	4.179	3.247	2.761	2.678	2.822	2.962	2.916	2.610	2.093	1.492
6221	62.20	0.942	0.522	0.229	-0.007	-0.272	-0.619	-1.039	-1.472	-1.845	-2.123
6231	62.30	-2.336	-2.570	-2.933	-3.492	-4.238	-5.068	-5.817	-6.321	-6.477	-6.287
6241	62.40	-5.860	-5.369	-4.993	-4.847	-4.952	-5.233	-5.568	-5.836	-5.977	-6.004
6251	62.50	-6.000	-6.062	-6.257	-6.579	-6.943	-7.210	-7.237	-6.930	-6.279	-5.366
6261	62.60	-4.333	-3.346	-2.541	-1.996	-1.719	-1.663	-1.747	-1.890	-2.029	-2.123
6271	62.70	-2.152	-2.105	-1.968	-1.716	-1.322	-0.761	-0.032	0.831	1.750	2.615
6281	62.80	3.300	3.699	3.761	3.508	3.034	2.479	1.981	1.627	1.430	1.327
6291	62.90	1.216	1.009	0.682	0.293	-0.031	-0.149	0.041	0.550	1.294	2.118
6301	63.00	2.856	3.375	3.616	3.589	3.352	2.970	2.501	1.985	1.463	0.993
6311	63.10	0.653	0.525	0.663	1.070	1.681	2.386	3.061	3.615	4.010	4.262
6321	63.20	4.414	4.501	4.530	4.474	4.297	3.984	3.563	3.101	2.682	2.370
6331	63.30	2.183	2.087	2.016	1.904	1.715	1.454	1.163	0.894	0.687	0.556
6341	63.40	0.491	0.473	0.482	0.501	0.508	0.464	0.317	0.013	-0.483	-1.152
6351	63.50	-1.915	-2.644	-3.192	-3.444	-3.350	-2.943	-2.326	-1.636	-1.004	-0.518
6361	63.60	-0.206	-0.044	0.031	0.091	0.197	0.374	0.610	0.850	1.011	1.005
6371	63.70	0.768	0.234	-0.397	-1.177	-1.940	-2.596	-3.125	-3.581	-4.066	-4.683
6381	63.80	-5.470	-6.369	-7.235	-7.892	-8.204	-8.141	-7.801	-7.373	-7.059	-6.990
6391	63.90	-7.171	-7.482	-7.732	-7.744	-7.430	-6.823	-6.057	-5.305	-4.711	-4.342
6401	64.00	-4.189	-4.191	-4.286	-4.441	-4.658	-4.950	-5.309	-5.686	-5.994	-6.144
6411	64.10	-6.078	-5.800	-5.374	-4.895	-4.452	-4.092	-3.818	-3.604	-3.424	-3.281
6421	64.20	-3.204	-3.235	-3.393	-3.656	-3.956	-4.204	-4.328	-4.298	-4.136	-3.897
6431	64.30	-3.633	-3.364	-3.065	-2.682	-2.161	-1.479	-0.658	0.254	1.208	2.188
6441	64.40	3.216	4.333	5.567	6.893	8.219	9.408	10.324	10.887	11.107	11.082
6451	64.50	10.963	10.895	10.963	11.170	11.452	11.714	11.877	11.910	11.831	11.679
6461	64.60	11.481	11.230	10.883	10.382	9.687	8.805	7.796	6.755	5.785	4.962
6471	64.70	4.318	3.841	3.488	3.208	2.957	2.702	2.424	2.107	1.737	1.305
6481	64.80	0.812	0.275	-0.268	-0.771	-1.181	-1.454	-1.561	-1.495	-1.270	-0.922
6491	64.90	-0.508	-0.098	0.240	0.455	0.532	0.502	0.436	0.422	0.534	0.800

Table 7-58-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1250 1322-BK-1-1 HB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	1.182	1.591	1.911	2.048	1.961	1.678	1.278	0.856	0.488	0.197
6511	65.10	-0.036	-0.250	-0.471	-0.683	-0.831	-0.842	-0.665	-0.302	0.184	0.687
6521	65.20	1.102	1.366	1.478	1.488	1.470	1.470	1.484	1.455	1.305	0.979
6531	65.30	0.485	-0.104	-0.667	-1.089	-1.309	-1.338	-1.249	-1.134	-1.044	-0.958
6541	65.40	-0.785	-0.407	0.254	1.184	2.253	3.252	3.957	4.218	4.010	3.445
6551	65.50	2.722	2.051	1.570	1.308	1.180	1.050	0.796	0.371	-0.176	-0.727
6561	65.60	-1.146	-1.344	-1.308	-1.106	-0.850	-0.647	-0.564	-0.611	-0.753	-0.940
6571	65.70	-1.135	-1.324	-1.513	-1.710	-1.912	-2.099	-2.247	-2.339	-2.385	-2.415
6581	65.80	-2.465	-2.562	-2.709	-2.885	-3.064	-3.232	-3.398	-3.593	-3.846	-4.167
6591	65.90	-4.525	-4.865	-5.124	-5.273	-5.327	-5.348	-5.410	-5.557	-5.771	-5.968
6601	66.00	-6.033	-5.870	-5.459	-4.870	-4.250	-3.761	-3.511	-3.510	-3.662	-3.805
6611	66.10	-3.781	-3.494	-2.947	-2.225	-1.445	-0.703	-0.031	0.600	1.247	1.949
6621	66.20	2.694	3.407	3.989	4.355	4.477	4.396	4.204	4.001	3.859	3.801
6631	66.30	3.807	3.842	3.883	3.929	3.982	4.029	4.016	3.849	3.431	2.707
6641	66.40	1.712	0.578	-0.492	-1.296	-1.706	-1.721	-1.470	-1.165	-1.016	-1.153
6651	66.50	-1.579	-2.177	-2.770	-3.194	-3.374	-3.346	-3.241	-3.229	-3.447	-3.948
6661	66.60	-4.683	-5.523	-6.304	-6.885	-7.185	-7.195	-6.967	-6.587	-6.140	-5.692
6671	66.70	-5.275	-4.897	-4.550	-4.223	-3.914	-3.631	-3.385	-3.187	-3.033	-2.901
6681	66.80	-2.753	-2.535	-2.193	-1.689	-1.009	-0.177	0.748	1.680	2.523	3.191
6691	66.90	3.626	3.812	3.777	3.587	3.329	3.091	2.937	2.892	2.939	3.027
6701	67.00	3.099	3.110	3.057	2.984	2.970	3.101	3.436	3.976	4.657	5.361
6711	67.10	5.954	6.324	6.417	6.251	5.895	5.445	4.982	4.546	4.134	3.711
6721	67.20	3.241	2.711	2.138	1.563	1.029	0.556	0.135	-0.271	-0.707	-1.202
6731	67.30	-1.753	-2.329	-2.884	-3.383	-3.818	-4.211	-4.597	-5.003	-5.430	-5.843
6741	67.40	-6.186	-6.408	-6.484	-6.426	-6.274	-6.074	-5.855	-5.614	-5.319	-4.930
6751	67.50	-4.425	-3.815	-3.139	-2.447	-1.779	-1.143	-0.534	0.054	0.596	1.022
6761	67.60	1.235	1.149	0.739	0.071	-0.699	-1.369	-1.757	-1.766	-1.413	-0.812
6771	67.70	-0.115	0.556	1.154	1.711	2.300	2.973	3.712	4.424	4.971	5.238
6781	67.80	5.189	4.809	4.477	4.107	3.886	3.837	3.913	4.042	4.182	4.352
6791	67.90	4.624	5.066	5.693	6.427	7.114	7.583	7.721	7.529	7.129	6.709
6801	68.00	6.451	6.450	6.688	7.058	7.428	7.711	7.906	8.085	8.342	8.727
6811	68.10	9.207	9.665	9.949	9.935	9.577	8.925	8.090	7.199	6.344	5.560
6821	68.20	4.839	4.160	3.526	2.965	2.522	2.224	2.055	1.956	1.847	1.663
6831	68.30	1.387	1.056	0.734	0.480	0.302	0.155	-0.044	-0.377	-0.880	-1.531
6841	68.40	-2.258	-2.977	-3.637	-4.242	-4.848	-5.526	-6.319	-7.207	-8.105	-8.889
6851	68.50	-9.445	-9.714	-9.719	-9.555	-9.355	-9.241	-9.286	-9.489	-9.786	-10.073
6861	68.60	-10.240	-10.198	-9.900	-9.338	-8.538	-7.550	-6.442	-5.292	-4.184	-3.205
6871	68.70	-2.435	-1.936	-1.740	-1.837	-2.180	-2.684	-3.252	-3.786	-4.211	-4.484
6881	68.80	-4.597	-4.571	-4.438	-4.234	-3.983	-3.702	-3.398	-3.083	-2.773	-2.487
6891	68.90	-2.239	-2.030	-1.840	-1.630	-1.356	-0.982	-0.504	0.052	0.627	1.155
6901	69.00	1.578	1.872	2.054	2.175	2.300	2.490	2.775	3.150	3.578	4.038
6911	69.10	4.388	4.691	4.913	5.076	5.211	5.351	5.513	5.698	5.891	6.069
6921	69.20	6.209	6.287	6.284	6.178	5.947	5.570	5.038	4.360	3.569	2.722
6931	69.30	1.884	1.116	0.456	-0.082	-0.507	-0.834	-1.071	-1.214	-1.254	-1.198
6941	69.40	-1.094	-1.032	-1.134	-1.520	-2.258	-3.336	-4.646	-6.014	-7.250	-8.204
6951	69.50	-8.803	-9.062	-9.058	-8.885	-8.617	-8.287	-7.894	-7.432	-6.912	-6.372
6961	69.60	-5.867	-5.437	-5.091	-4.792	-4.480	-4.096	-3.619	-3.074	-2.514	-1.994
6971	69.70	-1.539	-1.130	-0.721	-0.268	0.244	0.784	1.297	1.737	2.096	2.416
6981	69.80	2.765	3.193	3.696	4.199	4.589	4.766	4.704	4.476	4.235	4.145
6991	69.90	4.308	4.709	5.217	5.643	5.814	5.658	5.221	4.640	4.070	3.612

Table 7-58-15

TABLE OF CORRECTED ACCELERATION RECORD

NO.15

INDEX NO. 1250 1322-BK-1-1 NB. (HB.) OTSU EMBANKMENT MAX. ACC. = -133.339 (GAL) T= 15.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	3.267	2.955	2.570	2.055	1.443	0.853	0.440	0.314	0.487	0.858
7011	70.10	1.249	1.478	1.432	1.101	0.575	-0.002	-0.466	-0.782	-0.858	-0.736
7021	70.20	-0.471	-0.129	0.228	0.542	0.761	0.849	0.796	0.629	0.409	0.205
7031	70.30	0.067	-0.009	-0.077	-0.223	-0.515	-0.959	-1.480	-1.940	-2.190	-2.140
7041	70.40	-1.796	-1.266	-0.712	-0.287	-0.071	-0.047	-0.126	-0.203	-0.218	-0.184
7051	70.50	-0.183	-0.309	-0.618	-1.083	-1.605	-2.055	-2.336	-2.430	-2.404	-2.374
7061	70.60	-2.449	-2.666	-2.979	-3.267	-3.400	-3.295	-2.954	-2.466	-1.968	-1.586
7071	70.70	-1.390	-1.371	-1.454	-1.542	-1.552	-1.444	-1.227	-0.937	-0.614	-0.281
7081	70.80	0.067	0.450	0.889	1.396	1.966	2.577	3.202	3.808	4.360	4.825
7091	70.90	5.172	5.379	5.442	5.387	5.268	5.159	5.130	5.230	5.468	5.814
7101	71.00	6.210	6.591	6.908	7.138	7.280	7.339	7.313	7.184	6.921	6.506
7111	71.10	5.946	5.294	4.633	4.063	3.659	3.451	3.405	3.444	3.473	3.418
7121	71.20	3.254	3.005	2.732	2.493	2.314	2.170	2.001	1.732	1.318	0.767
7131	71.30	0.144	-0.453	-0.930	-1.236	-1.387	-1.453	-1.532	-1.707	-2.014	-2.428
7141	71.40	-2.878	-3.285	-3.589	-3.781	-3.897	-3.999	-4.146	-4.365	-4.644	-4.937
7151	71.50	-5.188	-5.346	-5.383	-5.294	-5.087	-4.773	-4.368	-3.888	-3.366	-2.852
7161	71.60	-2.416	-2.127	-2.037	-2.168	-2.498	-2.978	-3.538	-4.116	-4.661	-5.141
7171	71.70	-5.531	-5.808	-5.943	-5.910	-5.692	-5.294	-4.739	-4.069	-3.324	-2.542
7181	71.80	-1.749	-0.971	-0.242	0.390	0.871	1.160	1.252	1.190	1.062	0.965
7191	71.90	0.968	1.078	1.232	1.317	1.225	0.901	0.382	-0.215	-0.730	-1.027
7201	72.00	-1.051	-0.854	-0.572	-0.374	-0.389	-0.661	-1.130	-1.665	-2.114	-2.364
7211	72.10	-2.379	-2.200	-1.922	-1.654	-1.478	-1.431	-1.503	-1.654	-1.836	-2.002
7221	72.20	-2.121	-2.176	-2.165	-2.096	-1.989	-1.869	-1.758	-1.671	-1.605	-1.544
7231	72.30	-1.465	-1.350	-1.201	-1.038	-0.891	-0.787	-0.737	-0.728	-0.732	-0.721
7241	72.40	-0.677	-0.602	-0.504	-0.389	-0.249	-0.067	0.168	0.436	0.676	0.796
7251	72.50	0.713	0.393	-0.101	-0.613	-0.935	-0.873	-0.332	0.640	1.857	3.058
7261	72.60	4.002	4.560	4.752	4.737	4.733	4.924	5.388	6.071	6.817	7.442
7271	72.70	7.806	7.859	7.639	7.241	6.759	6.259	5.761	5.266	4.784	4.346
7281	72.80	4.000	3.781	3.680	3.630	3.528	3.278	2.841	2.263	1.667	1.201
7291	72.90	0.970	0.982	1.132	1.239	1.113	0.634	-0.198	-1.261	-2.357	-3.288
7301	73.00	-3.921	-4.226	-4.274	-4.189	-4.102	-4.098	-4.201	-4.384	-4.593	-4.781
7311	73.10	-4.921	-5.005	-5.038	-5.022	-4.953	-4.825	-4.640	-4.412	-4.170	-3.946
7321	73.20	-3.762	-3.618	-3.493	-3.356	-3.176	-2.942	-2.670	-2.393	-2.159	-2.007
7331	73.30	-1.960	-2.012	-2.126	-2.242	-2.287	-2.188	-1.897	-1.404	-0.769	-0.014
7341	73.40	0.699	1.306	1.771	2.134	2.496	2.987	3.709	4.690	5.856	7.052
7351	73.50	8.098	8.854	9.275	9.426	9.447	9.485	9.624	9.848	10.048	10.080
7361	73.60	9.837	9.308	8.588	7.843	7.241	6.874	6.732	6.708	6.657	6.463
7371	73.70	6.084	5.565	5.000	4.482	4.058	3.711	3.389	3.035	2.631	2.198
7381	73.80	1.786	1.429	1.115	0.784	0.349	-0.259	-1.057	-1.994	-2.979	-3.919
7391	73.90	-4.759	-5.504	-6.195	-6.876	-7.549	-8.167	-8.645	-8.907	-8.930	-8.765
7401	74.00	-8.527	-8.344	-8.306	-8.429	-8.653	-8.876	-9.001	-8.978	-8.811	-8.543
7411	74.10	-8.222	-7.870	-7.483	-7.044	-6.556	-6.059	-5.626	-5.336	-5.232	-5.299
7421	74.20	-5.663	-5.622	-5.694	-5.649	-5.520	-5.371	-5.263	-5.211	-5.175	-5.087
7431	74.30	-4.884	-4.549	-4.120	-3.668	-3.254	-2.890	-2.536	-2.115	-1.570	-0.905
7441	74.40	-0.199	0.416	0.818	0.958	0.890	0.760	0.744	0.974	1.479	2.170

Table 7-59-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1251 1323-GR-1-1 HA. (HA.) KUSHIROGAWA EHB. MAX. ACC. = -119.993 (GAL) T= 19.89 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.733	-3.747	-4.929	-5.303	-5.146	-4.848	-4.742	-4.973	-5.470	-6.014
11	0.10	-6.366	-6.389	-6.103	-5.664	-5.268	-5.052	-5.034	-5.111	-5.127	-4.957
21	0.20	-4.573	-4.054	-3.553	-3.222	-3.147	-3.325	-3.677	-4.094	-4.487	-4.820
31	0.30	-5.106	-5.368	-5.623	-5.836	-5.932	-5.824	-5.449	-4.806	-3.967	-3.067
41	0.40	-2.265	-1.707	-1.488	-1.631	-2.091	-2.774	-3.566	-4.359	-5.069	-5.614
51	0.50	-6.064	-6.328	-6.448	-6.437	-6.309	-6.071	-5.728	-5.279	-4.729	-4.096
61	0.60	-3.428	-2.810	-2.356	-2.189	-2.389	-2.950	-3.747	-4.543	-5.049	-5.013
71	0.70	-4.326	-3.086	-1.597	-0.283	0.449	0.365	-0.506	-1.861	-3.226	-4.116
81	0.80	-4.206	-3.439	-2.038	-0.409	1.008	1.889	2.125	1.827	1.262	0.736
91	0.90	0.493	0.645	1.159	1.880	2.589	3.055	3.082	2.552	1.453	-0.102
101	1.00	-1.879	-3.559	-4.816	-5.406	-5.252	-4.480	-3.390	-2.361	-1.716	-1.617
111	1.10	-2.002	-2.620	-3.127	-3.223	-2.755	-1.770	-0.479	0.817	1.838	2.400
121	1.20	2.449	2.052	1.356	0.563	-0.195	-0.683	-0.777	-0.387	0.487	1.740
131	1.30	3.156	4.453	5.357	5.695	5.451	4.782	3.962	3.286	2.963	3.045
141	1.40	3.421	3.872	4.160	4.119	3.703	2.982	2.097	1.196	0.392	-0.258
151	1.50	-0.737	-1.039	-1.153	-1.061	-0.754	-0.259	0.360	1.006	1.589	2.043
161	1.60	2.348	2.519	2.580	2.538	2.372	2.050	1.558	0.930	0.259	-0.321
171	1.70	-0.684	-0.752	-0.529	-0.089	0.458	1.014	1.536	2.034	2.549	3.102
181	1.80	3.657	4.114	4.339	4.222	3.733	2.950	2.047	1.238	0.703	0.527
191	1.90	0.681	1.039	1.436	1.729	1.844	1.789	1.631	1.461	1.349	1.331
201	2.00	1.399	1.523	1.663	1.779	1.828	1.759	1.520	1.073	0.418	-0.380
211	2.10	-1.193	-1.853	-2.210	-2.192	-1.843	-1.317	-0.824	-0.542	-0.533	-0.705
221	2.20	-0.840	-0.687	-0.086	0.937	2.140	3.133	3.513	3.027	1.693	-0.172
231	2.30	-2.029	-3.279	-3.451	-2.351	-0.126	2.775	5.723	8.071	9.308	9.174
241	2.40	7.702	5.210	2.221	-0.646	-2.819	-3.906	-3.800	-2.714	-1.130	0.339
251	2.50	1.139	0.956	-0.174	-1.883	-3.608	-4.794	-5.106	-4.535	-3.392	-2.156
261	2.60	-1.271	-0.973	-1.218	-1.729	-2.148	-2.202	-1.815	-1.108	-0.311	0.378
271	2.70	0.891	1.309	1.783	2.408	3.116	3.657	3.698	2.981	1.491	-0.462
281	2.80	-2.297	-3.349	-3.110	-1.446	1.320	4.478	7.148	8.562	8.315	6.482
291	2.90	3.586	0.420	-2.214	-3.742	-3.970	-3.106	-1.656	-0.243	0.599	0.573
301	3.00	-0.311	-1.769	-3.354	-4.607	-5.207	-5.064	-4.343	-3.399	-2.649	-2.416
311	3.10	-2.802	-3.630	-4.480	-4.825	-4.222	-2.489	0.191	3.289	6.076	7.849
321	3.20	8.166	6.999	4.749	2.108	-0.170	-1.526	-1.771	-1.123	-0.101	0.685
331	3.30	0.767	-0.015	-1.466	-3.115	-4.391	-4.826	-4.208	-2.657	-0.584	1.432
341	3.40	2.812	3.139	2.270	0.368	-2.152	-4.747	-6.899	-8.259	-8.723	-8.428
351	3.50	-7.665	-6.743	-5.865	-5.056	-4.185	-3.059	-1.556	0.287	2.247	3.997
361	3.60	5.232	5.799	5.757	5.337	4.824	4.416	4.129	3.801	3.187	2.110
371	3.70	0.578	-1.179	-2.790	-3.889	-4.271	-3.981	-3.292	-2.583	-2.178	-2.215
381	3.80	-2.599	-3.061	-3.277	-3.008	-2.178	-0.887	0.640	2.144	3.398	4.240
391	3.90	4.575	4.351	3.562	2.263	0.608	-1.140	-2.628	-3.499	-3.500	-2.593
401	4.00	-0.999	0.837	2.370	3.125	2.857	1.632	-0.198	-2.115	-3.615	-4.369
411	4.10	-4.320	-3.652	-2.688	-1.723	-0.901	-0.164	0.688	1.859	3.409	5.161
421	4.20	6.724	7.618	7.465	6.156	3.919	1.255	-1.239	-3.075	-4.043	-4.240
431	4.30	-3.984	-3.634	-3.415	-3.323	-3.163	-2.680	-1.726	-0.382	1.049	2.141
441	4.40	2.525	2.066	0.829	-0.766	-2.280	-3.315	-3.656	-3.306	-2.441	-1.318
451	4.50	-0.165	0.771	1.434	1.744	1.689	1.312	0.732	0.143	-0.217	-0.142
461	4.60	0.456	1.484	2.680	3.697	4.236	4.176	3.623	2.871	2.269	2.060
471	4.70	2.269	2.681	2.944	2.730	1.893	0.556	-0.931	-2.122	-2.660	-2.415
481	4.80	-1.528	-0.342	0.746	1.446	1.675	1.557	1.332	1.224	1.322	1.544
491	4.90	1.680	1.497	0.851	-0.239	-1.606	-3.000	-4.193	-5.047	-5.537	-5.707

Table 7-59-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1251 1323-GR-1-1 HA. (HA.) KUSHIROGAWA EHB. MAX. ACC. = -119.993 (GAL) T= 19.89 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-5.602	-5.218	-4.496	-3.381	-1.904	-0.238	1.310	2.392	2.759	2.389
511	5.10	1.537	0.669	0.296	0.767	2.116	4.028	5.945	7.279	7.635	6.958
521	5.20	5.532	3.850	2.396	1.452	1.008	0.800	0.463	-0.284	-1.506	-3.033
531	5.30	-4.540	-5.702	-6.324	-6.396	-6.060	-5.507	-4.872	-4.179	-3.373	-2.402
541	5.40	-1.306	-0.255	0.495	0.722	0.357	-0.446	-1.330	-1.892	-1.830	-1.103
551	5.50	0.035	1.128	1.702	1.472	0.478	-0.911	-2.136	-2.658	-2.169	-0.705
561	5.60	1.376	3.533	5.242	6.161	6.212	5.553	4.473	3.268	2.160	1.275
571	5.70	0.672	0.389	0.455	0.870	1.552	2.308	2.856	2.906	2.281	1.016
581	5.80	-0.627	-2.226	-3.361	-3.764	-3.428	-2.593	-1.631	-0.881	-0.507	-0.446
591	5.90	-0.467	-0.303	0.205	1.035	1.999	2.833	3.325	3.388	3.071	2.492
601	6.00	1.754	0.889	-0.142	-1.377	-2.783	-4.210	-5.420	-6.175	-6.335	-5.924
611	6.10	-5.119	-4.162	-3.258	-2.493	-1.829	-1.167	-0.442	0.318	0.993	1.443
621	6.20	1.608	1.572	1.544	1.768	2.388	3.354	4.417	5.232	5.505	5.142
631	6.30	4.292	3.285	2.481	2.112	2.182	2.487	2.727	2.659	2.207	1.478
641	6.40	0.695	0.066	-0.319	-0.522	-0.707	-1.041	-1.603	-2.346	-3.123	-3.772
651	6.50	-4.183	-4.332	-4.258	-4.012	-3.600	-2.985	-2.116	-0.990	0.304	1.599
661	6.60	2.706	3.489	3.918	4.068	4.055	3.956	3.756	3.351	2.628	1.558
671	6.70	0.270	-0.963	-1.817	-2.052	-1.632	-0.753	0.230	0.955	1.211	1.028
681	6.80	0.655	0.431	0.621	1.278	2.211	3.061	3.457	3.168	2.201	0.794
691	6.90	-0.680	-1.851	-2.468	-2.460	-1.926	-1.073	-0.147	0.632	1.094	1.134
701	7.00	0.717	-0.116	-1.239	-2.454	-3.530	-4.262	-4.534	-4.363	-3.886	-3.305
711	7.10	-2.801	-2.459	-2.244	-2.031	-1.683	-1.128	-0.415	0.307	0.846	1.063
721	7.20	0.932	0.560	0.143	-0.114	-0.075	0.280	0.862	1.514	2.076	2.432
731	7.30	2.523	2.348	1.936	1.333	0.598	-0.193	-0.945	-1.563	-1.976	-2.171
741	7.40	-2.204	-2.185	-2.237	-2.433	-2.767	-3.144	-3.423	-3.475	-3.237	-2.738
751	7.50	-2.075	-1.367	-0.696	-0.075	0.538	1.202	1.937	2.686	3.323	3.688
761	7.60	3.623	3.174	2.315	1.231	0.124	-0.811	-1.430	-1.658	-1.492	-0.993
771	7.70	-0.268	0.541	1.275	1.782	1.959	1.778	1.300	0.663	0.028	-0.475
781	7.80	-0.807	-1.024	-1.255	-1.634	-2.232	-3.017	-3.854	-4.558	-4.962	-4.968
791	7.90	-4.574	-3.848	-2.890	-1.794	-0.634	0.524	1.596	2.477	3.057	3.276
801	8.00	3.170	2.885	2.640	2.635	2.956	3.508	4.038	4.219	3.802	2.731
811	8.10	1.189	-0.453	-1.786	-2.520	-2.602	-2.224	-1.727	-1.446	-1.564	-2.041
821	8.20	-2.652	-3.104	-3.177	-2.817	-2.154	-1.425	-0.865	-0.608	-0.648	-0.866
831	8.30	-1.097	-1.201	-1.094	-0.740	-0.116	0.802	2.019	3.480	5.014	6.331
841	8.40	7.084	6.986	5.935	4.094	1.861	-0.250	-1.792	-2.541	-2.565	-2.168
851	8.50	-1.736	-1.563	-1.735	-2.116	-2.448	-2.499	-2.185	-1.600	-0.968	-0.414
861	8.60	-0.049	0.262	0.730	1.520	2.621	3.793	4.640	4.768	3.973	2.358
871	8.70	0.321	-1.579	-2.827	-3.139	-2.543	-1.344	0.013	1.114	1.693	1.677
881	8.80	1.147	0.263	-0.804	-1.896	-2.865	-3.561	-3.852	-3.674	-3.088	-2.301
891	8.90	-1.615	-1.314	-1.526	-2.131	-2.770	-2.977	-2.371	-0.837	1.389	3.792
901	9.00	5.764	6.826	6.801	5.850	4.371	2.814	1.511	0.589	-0.003	-0.383
911	9.10	-0.625	-0.701	-0.532	-0.087	0.526	1.038	1.110	0.497	-0.805	-2.499
921	9.20	-4.064	-4.952	-4.805	-3.616	-1.731	0.285	1.880	2.724	2.815	2.432
931	9.30	1.979	1.788	1.984	2.462	2.977	3.284	3.268	2.981	2.595	2.288
941	9.40	2.142	2.093	1.971	1.593	0.861	-0.177	-1.346	-2.419	-3.211	-3.653
951	9.50	-3.796	-3.768	-3.696	-3.643	-3.584	-3.436	-3.113	-2.580	-1.873	-1.077
961	9.60	-0.279	0.485	1.246	2.083	3.069	4.209	5.411	6.488	7.217	7.403
971	9.70	6.945	5.869	4.306	2.458	0.534	-1.285	-2.863	-4.102	-4.930	-5.295
981	9.80	-5.177	-4.617	-3.731	-2.707	-1.767	-1.100	-0.807	-0.856	-1.100	-1.332
991	9.90	-1.360	-1.082	-0.518	0.212	0.937	1.509	1.844	1.936	1.831	1.584

Table 7-59-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1251 1323-GR-1-1 HA. (HA.) KUSHIROGAWA EMB. MAX. ACC. = -119.993 (GAL) T= 19.89 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.226	0.766	0.205	-0.421	-1.024	-1.477	-1.651	-1.480	-0.999	-0.351
1011	10.10	0.255	0.610	0.587	0.183	-0.483	-1.208	-1.784	-2.065	-2.006	-1.666
1021	10.20	-1.175	-0.677	-0.275	-0.006	0.169	0.329	0.559	0.898	1.320	1.734
1031	10.30	2.020	2.084	1.907	1.569	1.233	1.081	1.227	1.652	2.181	2.537
1041	10.40	2.448	1.766	0.559	-0.891	-2.175	-2.909	-2.880	-2.138	-0.970	0.210
1051	10.50	1.027	1.278	0.991	0.371	-0.316	-0.873	-1.250	-1.535	-1.875	-2.370
1061	10.60	-3.002	-3.640	-4.106	-4.273	-4.140	-3.826	-3.510	-3.327	-3.286	-3.251
1071	10.70	-3.001	-2.335	-1.174	0.396	2.147	3.805	5.152	6.098	6.690	7.053
1081	10.80	7.307	7.496	7.561	7.370	6.785	5.729	4.230	2.414	0.476	-1.379
1091	10.90	-2.982	-4.227	-5.079	-5.563	-5.751	-5.739	-5.628	-5.491	-5.354	-5.176
1101	11.00	-4.858	-4.273	-3.327	-2.011	-0.445	1.131	2.412	3.113	3.071	2.306
1111	11.10	1.034	-0.390	-1.570	-2.190	-2.101	-1.359	-0.194	1.078	2.160	2.868
1121	11.20	3.174	3.191	3.105	3.090	3.240	3.541	3.899	4.197	4.357	4.373
1131	11.30	4.299	4.193	4.063	3.837	3.386	2.589	1.420	-0.003	-1.431	-2.575
1141	11.40	-3.222	-3.344	-3.132	-2.923	-3.067	-3.764	-4.965	-6.371	-7.544	-8.071
1151	11.50	-7.728	-6.553	-4.816	-2.904	-1.165	0.204	1.186	1.905	2.522	3.152
1161	11.60	3.815	4.456	4.989	5.351	5.527	5.536	5.403	5.140	4.739	4.201
1171	11.70	3.555	2.862	2.183	1.538	0.878	0.090	-0.946	-2.276	-3.815	-5.346
1181	11.80	-6.579	-7.266	-7.282	-6.691	-5.679	-4.461	-3.176	-1.834	-0.354	1.333
1191	11.90	3.159	4.866	6.047	6.298	5.392	3.418	0.787	-1.894	-4.033	-5.267
1201	12.00	-5.573	-5.245	-4.739	-4.465	-4.625	-5.155	-5.794	-6.228	-6.233	-5.751
1211	12.10	-4.883	-3.791	-2.601	-1.339	0.054	1.658	3.481	5.410	7.224	8.666
1221	12.20	9.531	9.732	9.313	8.403	7.144	5.640	3.934	2.052	0.049	-1.949
1231	12.30	-3.744	-5.119	-5.918	-6.111	-5.820	-5.280	-4.760	-4.464	-4.456	-4.643
1241	12.40	-4.810	-4.704	-4.123	-2.991	-1.386	0.476	2.286	3.725	4.526	4.538
1251	12.50	3.761	2.350	0.590	-1.154	-2.510	-3.176	-2.988	-1.961	-0.281	1.730
1261	12.60	3.695	5.262	6.185	6.359	5.833	4.771	3.402	1.963	0.648	-0.417
1271	12.70	-1.186	-1.681	-1.974	-2.161	-2.338	-2.567	-2.862	-3.176	-3.407	-3.427
1281	12.80	-3.119	-2.422	-1.357	-0.034	1.374	2.671	3.694	4.363	4.600	4.509
1291	12.90	4.149	3.608	2.964	2.287	1.642	1.096	0.699	0.458	0.314	0.132
1301	13.00	-0.264	-1.032	-2.229	-3.760	-5.368	-6.703	-7.423	-7.321	-6.402	-4.898
1311	13.10	-3.190	-1.680	-0.659	-0.207	-0.189	-0.321	-0.285	0.146	1.034	2.263
1321	13.20	3.594	4.754	5.525	5.802	5.607	5.063	4.350	3.653	3.129	2.875
1331	13.30	2.920	3.217	3.649	4.042	4.201	3.952	3.189	1.915	0.247	-1.601
1341	13.40	-3.372	-4.825	-5.785	-6.179	-6.023	-5.400	-4.421	-3.192	-1.807	-0.349
1351	13.50	1.091	2.404	3.467	4.165	4.420	4.226	3.659	2.864	2.025	1.318
1361	13.60	0.871	0.737	0.895	1.261	1.719	2.142	2.414	2.438	2.152	1.535
1371	13.70	0.624	-0.471	-1.571	-2.450	-2.887	-2.736	-1.984	-0.784	0.563	1.684
1381	13.80	2.245	2.064	1.183	-0.129	-1.651	-2.346	-2.509	-1.879	-0.671	0.684
1391	13.90	1.675	1.863	1.125	-0.480	-2.538	-4.499	-5.822	-6.147	-5.398	-3.807
1401	14.00	-1.835	-0.035	1.109	1.324	0.617	-0.738	-2.278	-3.484	-3.914	-3.315
1411	14.10	-1.677	0.769	3.608	6.338	8.476	9.662	9.736	8.767	7.045	5.006
1421	14.20	3.136	1.838	1.331	1.578	2.298	3.047	3.361	2.911	1.618	-0.308
1431	14.30	-2.439	-4.268	-5.392	-5.642	-5.132	-4.197	-3.250	-2.609	-2.388	-2.475
1441	14.40	-2.615	-2.557	-2.182	-1.570	-0.948	-0.575	-0.596	-0.957	-1.418	-1.670
1451	14.50	-1.488	-0.852	0.033	0.824	1.209	1.057	0.493	-0.167	-0.575	-0.527
1461	14.60	-0.085	0.440	0.625	0.144	-1.066	-2.750	-4.419	-5.543	-5.753	-4.973
1471	14.70	-3.416	-1.475	0.452	2.088	3.331	4.201	4.741	4.935	4.688	3.892
1481	14.80	2.523	0.718	-1.218	-2.891	-3.943	-4.171	-3.585	-2.380	-0.848	0.721
1491	14.90	2.104	3.160	3.795	3.932	3.506	2.496	0.979	-0.841	-2.648	-4.095

Table 7-59-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1251 1323-GR-1-1 HA. (HA.) KUSHIROGAWA EMB. MAX. ACC. = -119.993 (GAL) T= 19.89 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-4.907	-4.973	-4.372	-3.332	-2.143	-1.053	-0.207	0.363	0.696	0.856
1511	15.10	0.894	0.847	0.753	0.657	0.602	0.587	0.541	0.315	-0.263	-1.305
1521	15.20	-2.775	-4.458	-6.008	-7.059	-7.366	-6.902	-5.856	-4.549	-3.279	-2.202
1531	15.30	-1.274	-0.305	0.921	2.510	4.392	6.336	8.051	9.294	9.950	10.026
1541	15.40	9.586	8.664	7.235	5.242	2.703	-0.198	-3.079	-5.442	-6.835	-7.037
1551	15.50	-6.168	-4.660	-3.083	-1.910	-1.317	-1.120	-0.889	-0.191	1.157	2.935
1561	15.60	4.562	5.314	4.632	2.384	-1.040	-4.842	-8.090	-10.048	-10.409	-9.349
1571	15.70	-7.402	-5.206	-3.257	-1.753	-0.599	0.469	1.707	3.216	4.897	6.495
1581	15.80	7.707	8.288	8.117	7.204	5.656	3.654	1.423	-0.764	-2.611	-3.838
1591	15.90	-4.265	-3.883	-2.895	-1.668	-0.620	-0.052	-0.032	-0.353	-0.624	-0.443
1601	16.00	0.421	1.914	3.705	5.322	6.338	6.530	5.936	4.783	3.344	1.775
1611	16.10	0.050	-2.007	-4.580	-7.696	-11.115	-14.337	-16.729	-17.728	-17.030	-14.697
1621	16.20	-11.143	-6.992	-2.885	0.706	3.578	5.800	7.607	9.248	10.845	12.316
1631	16.30	13.392	13.731	13.070	11.368	8.880	6.117	3.716	2.244	2.037	3.107
1641	16.40	5.184	7.844	10.684	13.450	16.066	18.543	20.830	22.666	23.544	22.800
1651	16.50	19.825	14.304	6.392	-3.243	-13.548	-23.312	-31.425	-37.078	-39.851	-39.704
1661	16.60	-36.892	-31.876	-25.259	-17.749	-10.122	-3.164	2.430	6.166	7.841	7.578
1671	16.70	5.764	2.942	-0.338	-3.632	-6.663	-9.319	-11.608	-13.602	-15.389	-17.051
1681	16.80	-18.646	-20.186	-21.605	-22.722	-23.207	-22.587	-20.293	-15.754	-8.520	1.597
1691	16.90	14.404	29.248	45.001	60.132	72.870	81.443	84.374	80.745	70.409	54.062
1701	17.00	33.167	9.743	-13.933	-35.650	-53.537	-66.258	-73.098	-73.964	-69.310	-60.019
1711	17.10	-47.278	-32.449	-16.954	-2.188	10.562	20.196	25.903	27.285	24.492	18.308
1721	17.20	10.127	1.773	-4.851	-8.212	-7.574	-3.248	3.442	10.500	15.832	17.850
1731	17.30	15.938	10.604	3.290	-4.086	-9.693	-12.256	-11.326	-7.276	-1.094	5.941
1741	17.40	12.586	17.890	21.350	22.959	23.161	22.719	22.515	23.298	25.452	28.830
1751	17.50	32.741	36.097	37.700	36.568	32.210	24.754	14.911	3.807	-7.236	-16.910
1761	17.60	-24.080	-27.908	-27.974	-24.402	-17.951	-10.002	-2.361	3.136	5.145	3.286
1771	17.70	-1.637	-7.800	-12.914	-14.997	-13.093	-7.651	-0.378	6.371	10.465	10.771
1781	17.80	7.527	2.171	-3.293	-7.107	-8.421	-7.524	-5.567	-3.956	-3.678	-4.882
1791	17.90	-6.890	-8.592	-9.016	-7.782	-5.226	-2.139	0.712	3.020	5.071	7.497
1801	18.00	10.733	14.486	17.495	17.804	13.469	3.473	-11.567	-29.222	-45.764	-57.209
1811	18.10	-60.556	-54.787	-41.250	-23.338	-5.564	7.642	13.037	9.293	-2.797	-20.591
1821	18.20	-40.221	-57.391	-68.214	-69.977	-61.725	-44.553	-21.495	3.054	24.345	38.477
1831	18.30	43.488	39.948	30.813	20.512	13.531	12.949	19.433	31.063	44.030	53.972
1841	18.40	57.434	52.952	41.372	25.378	8.452	-6.284	-16.900	-22.894	-24.861	-23.832
1851	18.50	-20.669	-15.803	-9.432	-1.997	5.356	10.756	11.966	7.379	-3.066	-17.299
1861	18.60	-31.311	-40.187	-39.715	-28.002	-6.481	20.163	45.209	61.894	65.534	55.020
1871	18.70	33.168	5.820	-19.993	-38.165	-45.231	-41.132	-28.910	-13.506	-0.153	7.110
1881	18.80	6.380	-1.895	-15.370	-30.706	-44.584	-54.571	-59.613	-60.072	-57.342	-53.171
1891	18.90	-48.907	-44.918	-40.380	-33.553	-22.467	-5.808	16.318	42.044	67.975	89.958
1901	19.00	104.145	108.004	100.972	84.579	62.056	37.622	15.649	-0.081	-6.959	-3.934
1911	19.10	8.279	27.202	48.866	68.417	81.029	82.970	72.539	50.575	20.329	-13.309
1921	19.20	-45.003	-70.223	-86.169	-92.138	-89.299	-80.067	-67.324	-53.749	-41.376	-31.384
1931	19.30	-24.077	-18.968	-14.977	-10.753	-5.106	2.521	11.724	21.108	28.664	32.465
1941	19.40	31.425	25.820	17.296	8.333	1.361	-2.093	-1.875	0.927	4.613	7.699
1951	19.50	9.545	10.498	11.516	13.496	16.679	20.436	23.555	24.878	23.952	21.364
1961	19.60	18.575	17.310	18.798	23.180	29.369	35.409	39.161	39.056	34.610	26.551
1971	19.70	16.562	6.772	-0.821	-4.813	-4.690	-0.912	5.172	11.549	15.892	15.987
1981	19.80	10.193	-2.160	-20.530	-43.168	-67.370	-89.938	-107.740	-118.251	-119.993	-112.796
1991	19.90	-97.866	-77.624	-55.322	-34.439	-17.926	-7.487	-3.084	-2.917	-3.958	-2.955

Table 7-59-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1251 1323-GR-1-1 HA. (HA.) KUSHIROGAWA EMB. MAX. ACC. = -119.993 (GAL) T= 19.89 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	2.384	12.462	25.519	38.173	46.655	48.282	42.602	31.711	19.576	10.584
2011	20.10	7.899	12.260	21.743	32.567	40.617	43.065	39.419	31.582	22.942	16.876
2021	20.20	15.313	17.940	22.334	24.953	22.545	13.418	-1.873	-20.644	-38.888	-52.436
2031	20.30	-58.078	-54.332	-41.715	-22.551	-0.432	20.515	36.419	44.420	43.264	33.617
2041	20.40	17.953	-0.018	-16.307	-27.738	-32.825	-32.100	-27.737	-22.606	-19.085	-18.137
2051	20.50	-19.024	-19.778	-18.215	-13.034	-4.489	5.664	14.936	21.230	23.785	23.514
2061	20.60	22.561	23.289	27.149	33.961	41.921	48.308	50.589	47.403	39.050	27.294
2071	20.70	14.642	3.444	-4.803	-9.720	-11.860	-12.265	-12.015	-11.946	-12.563	-14.063
2081	20.80	-16.339	-18.904	-20.815	-20.721	-17.168	-9.140	3.336	18.801	34.442	46.720
2091	20.90	52.387	49.548	38.345	21.008	1.215	-16.997	-30.374	-37.249	-37.772	-33.580
2101	21.00	-27.094	-20.744	-16.382	-14.985	-16.650	-20.761	-26.228	-31.727	-35.936	-37.779
2111	21.10	-36.652	-32.579	-26.214	-18.640	-11.007	-4.148	1.692	6.842	11.933	17.438
2121	21.20	23.265	28.576	31.955	31.856	27.181	17.728	4.364	-11.152	-26.600	-39.807
2131	21.30	-49.065	-53.354	-52.373	-46.464	-36.516	-23.890	-10.354	2.067	11.377	16.024
2141	21.40	15.345	9.873	1.354	-7.614	-14.240	-16.326	-12.907	-4.547	6.841	18.577
2151	21.50	28.010	33.272	33.744	30.109	24.006	17.430	12.081	8.880	7.767	7.828
2161	21.60	7.665	5.887	1.558	-5.499	-14.620	-24.445	-33.228	-39.251	-41.231	-38.628
2171	21.70	-31.775	-21.807	-10.377	0.752	10.135	16.964	21.182	23.348	24.311	24.822
2181	21.80	25.223	25.362	24.748	22.900	19.721	15.744	12.100	10.216	11.313	15.905
2191	21.90	23.488	32.546	40.896	46.267	46.932	42.195	32.589	19.726	5.868	-6.663
2201	22.00	-16.066	-21.467	-23.070	-22.000	-19.991	-18.409	-18.650	-20.910	-24.585	-28.428
2211	22.10	-31.002	-31.194	-28.602	-23.658	-17.440	-11.258	-6.159	-2.562	-0.141	1.986
2221	22.20	4.857	9.209	15.143	22.026	28.669	33.697	35.986	35.019	31.053	25.047
2231	22.30	18.391	12.510	8.455	6.615	6.622	7.518	8.132	7.562	5.590	2.873
2241	22.40	0.766	0.838	4.193	10.890	19.685	23.279	34.004	34.725	29.620	19.512
2251	22.50	6.610	-6.254	-16.580	-22.980	-25.478	-25.229	-23.845	-22.622	-22.044	-21.744
2261	22.60	-20.909	-18.890	-15.701	-12.146	-9.511	-8.972	-10.999	-15.048	-19.697	-23.173
2271	22.70	-24.042	-21.769	-16.899	-10.810	-5.130	-1.083	0.979	1.671	2.290	4.262
2281	22.80	8.554	15.269	23.559	31.873	38.422	41.705	40.904	36.045	27.889	17.633
2291	22.90	6.536	-4.394	-14.542	-23.660	-31.699	-38.604	-44.193	-48.150	-50.156	-50.065
2301	23.00	-48.043	-44.565	-40.279	-35.769	-31.350	-26.990	-22.419	-17.385	-11.930	-6.534
2311	23.10	-2.043	0.653	1.045	-0.647	-3.385	-5.574	-5.617	-2.557	3.456	11.068
2321	23.20	18.101	22.266	21.990	17.012	8.549	-1.077	-9.200	-13.693	-13.666	-9.721
2331	23.30	-3.686	2.046	5.350	5.049	1.250	-4.833	-11.272	-16.185	-18.270	-17.127
2341	23.40	-13.233	-7.622	-1.433	4.503	9.876	14.873	19.938	25.456	31.471	37.575
2351	23.50	42.973	46.714	47.977	46.326	41.823	34.999	26.694	17.828	9.205	1.385
2361	23.60	-5.323	-10.792	-14.955	-17.711	-18.888	-18.303	-15.869	-11.736	-6.384	-0.623
2371	23.70	4.517	7.994	9.009	7.231	2.919	-3.100	-9.618	-15.323	-19.115	-20.356
2381	23.80	-18.983	-15.463	-10.615	-5.353	-0.455	3.603	6.693	8.978	10.800	12.544
2391	23.90	14.526	16.913	19.671	22.543	25.044	26.518	26.260	23.717	18.724	11.707
2401	24.00	3.737	-3.619	-8.677	-10.140	-7.567	-1.634	5.972	13.005	17.359	17.760
2411	24.10	14.191	7.891	0.903	-4.664	-7.378	-6.945	-4.223	-0.789	1.754	2.425
2421	24.20	1.228	-0.925	-2.661	-2.765	-0.684	3.271	8.100	12.558	15.649	16.953
2431	24.30	16.662	15.342	13.566	11.613	9.373	6.483	2.620	-2.226	-7.639	-12.865
2441	24.40	-17.085	-19.703	-20.546	-19.867	-18.191	-16.080	-13.942	-11.968	-10.188	-8.588
2451	24.50	-7.188	-6.030	-5.084	-4.136	-2.771	-0.486	3.079	7.890	13.385	18.539
2461	24.60	22.139	23.173	21.181	16.426	9.811	2.584	-4.051	-9.265	-12.774	-14.803
2471	24.70	-15.903	-16.718	-17.790	-19.452	-21.807	-24.749	-28.010	-31.189	-33.802	-35.364
2481	24.80	-35.502	-34.063	-31.183	-27.267	-22.870	-18.533	-14.631	-11.301	-8.468	-5.946
2491	24.90	-3.556	-1.194	1.158	3.466	5.662	7.624	9.111	9.722	8.940	6.299

Table 7-59-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1251 1323-GR-1-1 HA. (HA.) KUSHIROGAWA EMB. MAX. ACC. = -119.993 (GAL) T= 19.89 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.638	-4.675	-11.675	-17.974	-22.158	-23.270	-21.175	-16.643	-11.076	-6.004
2511	25.10	-2.531	-0.982	-0.885	-1.282	-1.192	-0.033	2.214	5.109	8.052	10.594
2521	25.20	12.586	14.127	15.362	16.299	16.766	16.554	15.634	14.427	13.570	13.837
2531	25.30	15.631	18.680	21.975	24.061	23.585	19.860	13.201	4.858	-3.417	-10.007
2541	25.40	-13.961	-15.222	-14.468	-12.667	-10.589	-8.503	-6.183	-3.205	0.653	5.110
2551	25.50	9.342	12.231	12.779	10.516	5.733	-0.570	-6.955	-11.947	-14.414	-13.802
2561	25.60	-10.196	-4.215	3.190	10.965	18.159	24.070	28.318	30.830	31.763	31.368
2571	25.70	29.861	27.339	23.782	19.150	13.531	7.265	0.979	-4.515	-8.428	-10.235
2581	25.80	-9.862	-7.720	-4.588	-1.378	1.123	2.456	2.559	1.723	0.464	-0.633
2591	25.90	-1.047	-0.418	1.382	4.208	7.626	10.966	13.440	14.341	13.271	10.307
2601	26.00	6.029	1.372	-2.672	-5.388	-6.578	-6.595	-6.153	-5.977	-6.450	-7.411
2611	26.10	-8.199	-7.928	-5.875	-1.819	3.821	10.106	15.900	20.250	22.669	23.211
2621	26.20	22.327	20.581	18.379	15.823	12.757	8.964	4.401	-0.635	-5.526	-9.512
2631	26.30	-11.964	-12.642	-11.802	-10.120	-8.451	-7.528	-7.717	-8.919	-10.665	-12.328
2641	26.40	-13.385	-13.601	-13.071	-12.129	-11.171	-10.479	-10.135	-10.040	-10.013	-9.912
2651	26.50	-9.702	-9.438	-9.191	-8.965	-8.677	-8.227	-7.619	-7.069	-7.003	-7.924
2661	26.60	-10.160	-13.624	-17.706	-21.392	-23.599	-23.612	-21.424	-17.819	-14.118	-11.662
2671	26.70	-11.250	-12.761	-15.159	-16.889	-16.517	-13.353	-7.765	-1.067	4.990	8.910
2681	26.80	10.016	8.660	6.007	3.482	2.170	2.395	3.678	5.047	5.545	4.691
2691	26.90	2.690	0.328	-1.393	-1.685	-0.287	2.458	5.764	8.701	10.485	10.654
2701	27.00	9.091	5.933	1.457	-3.996	-10.028	-16.158	-21.816	-26.396	-29.372	-30.413
2711	27.10	-29.468	-26.749	-22.636	-17.548	-11.842	-5.798	0.329	6.227	11.480	15.632
2721	27.20	18.320	19.460	19.359	18.697	18.346	19.080	21.285	24.789	28.891	32.593
2731	27.30	34.946	35.373	33.851	30.870	27.205	23.587	20.426	17.690	14.984	11.795
2741	27.40	7.773	2.932	-2.308	-7.268	-11.253	-13.806	-14.868	-14.668	-13.780	-12.713
2751	27.50	-11.842	-11.297	-10.984	-10.662	-10.031	-8.788	-6.654	-3.396	1.113	6.791
2761	27.60	13.247	19.736	25.244	28.714	29.357	26.934	21.891	15.268	8.392	2.478
2771	27.70	-1.735	-4.147	-5.235	-5.783	-6.552	-8.006	-10.208	-12.873	-15.525	-17.659
2781	27.80	-18.831	-18.675	-16.895	-13.287	-7.840	-0.872	6.878	14.290	20.083	23.165
2791	27.90	22.999	19.817	14.599	8.778	3.787	0.618	-0.453	0.134	1.480	2.610
2801	28.00	2.849	2.026	0.467	-1.198	-2.331	-2.539	-1.824	-0.575	0.567	0.915
2811	28.10	-0.056	-2.559	-6.435	-11.199	-16.160	-20.592	-23.898	-25.730	-26.014	-24.905
2821	28.20	-22.680	-19.623	-15.963	-11.870	-7.509	-3.091	1.116	4.860	8.009	10.652
2831	28.30	13.108	15.814	19.108	23.016	27.132	30.635	32.625	32.360	29.604	24.788
2841	28.40	18.656	12.467	7.136	3.207	0.717	-0.695	-1.541	-2.247	-3.010	-3.811
2851	28.50	-4.533	-5.104	-5.584	-6.148	-7.009	-8.323	-10.152	-12.494	-15.342	-18.710
2861	28.60	-22.587	-26.828	-31.033	-34.522	-36.463	-36.128	-33.201	-27.992	-21.443	-14.891
2871	28.70	-9.654	-6.600	-5.874	-6.874	-8.497	-9.551	-9.150	-6.972	-3.279	1.260
2881	28.80	5.854	9.855	12.908	14.974	16.236	16.973	17.446	17.824	18.149	18.319
2891	28.90	18.091	17.108	14.973	11.374	6.241	-0.136	-7.088	-13.669	-18.893	-22.006
2901	29.00	-22.700	-21.186	-18.093	-14.231	-10.331	-6.856	-3.961	-1.589	0.361	1.901
2911	29.10	2.927	3.304	3.025	2.332	1.733	1.867	3.290	6.231	10.469	15.348
2921	29.20	19.955	23.371	24.926	24.349	21.806	17.819	13.128	8.534	4.769	2.384
2931	29.30	1.663	2.562	4.698	7.408	9.899	11.470	11.738	10.787	9.165	7.712
2941	29.40	7.267	8.356	10.987	14.632	18.389	21.279	22.533	21.776	19.051	14.702
2951	29.50	9.197	2.989	-3.542	-10.047	-16.133	-21.342	-25.196	-27.346	-27.718	-26.613
2961	29.60	-24.667	-22.687	-21.402	-21.238	-22.189	-23.839	-25.515	-26.505	-26.256	-24.493
2971	29.70	-21.238	-16.747	-11.418	-5.708	-0.075	5.050	9.302	12.417	14.295	15.035
2981	29.80	14.944	14.476	16.128	14.299	15.181	16.692	18.500	20.114	21.023	20.834
2991	29.90	19.378	16.747	13.254	9.340	5.444	1.890	-1.188	-3.850	-6.284	-8.699

Table 7-59-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1251 1323-GR-1-1 HA. (HA.) KUSHIROGAWA EMB. MAX. ACC. = -119.993 (GAL) T= 19.89 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-11.215	-13.789	-16.204	-18.133	-19.246	-19.316	-18.289	-16.290	-13.567	-10.390
3011	30.10	-6.965	-3.385	0.362	4.336	8.547	12.882	17.050	20.598	22.979	23.674
3021	30.20	22.332	18.898	13.688	7.372	0.856	-4.927	-9.249	-11.789	-12.710	-12.594
3031	30.30	-12.228	-12.329	-13.295	-15.083	-17.247	-19.123	-20.068	-19.664	-17.811	-14.686
3041	30.40	-10.626	-6.006	-1.168	3.564	7.827	11.189	13.192	13.490	12.013	9.091
3051	30.50	5.439	1.988	-0.382	-1.128	-0.218	1.864	4.293	6.169	6.783	5.789
3061	30.60	3.237	-0.513	-4.924	-9.426	-13.507	-16.768	-18.949	-19.959	-19.883	-18.981
3071	30.70	-17.624	-16.191	-14.948	-13.956	-13.057	-11.953	-10.339	-8.029	-5.016	-1.463
3081	30.80	2.507	6.706	11.126	15.770	20.548	25.145	28.989	31.355	31.590	29.378
3091	30.90	24.919	18.947	12.554	6.892	2.847	0.826	0.703	1.935	3.790	5.571
3101	31.00	6.778	7.174	6.756	5.691	4.248	2.758	1.574	1.029	1.366	2.661
3111	31.10	4.769	7.331	9.854	11.866	13.070	13.461	13.333	13.180	13.509	14.636
3121	31.20	16.534	18.797	20.735	21.575	20.699	17.856	13.263	7.567	1.672	-3.527
3131	31.30	-7.403	-9.787	-11.011	-11.794	-12.993	-15.323	-19.110	-24.184	-29.931	-35.479
3141	31.40	-39.954	-42.707	-43.454	-42.275	-39.516	-35.634	-31.060	-26.123	-21.043	-15.979
3151	31.50	-11.076	-6.494	-2.390	1.126	4.021	6.356	8.253	9.844	11.220	12.415
3161	31.60	13.423	14.254	14.981	15.748	16.736	18.069	19.719	21.439	22.776	23.170
3171	31.70	22.121	19.375	15.047	9.646	3.967	-1.117	-4.901	-7.046	-7.660	-7.241
3181	31.80	-6.497	-6.114	-6.543	-7.896	-9.954	-12.278	-14.373	-15.830	-16.402	-16.018
3191	31.90	-14.735	-12.684	-10.035	-7.003	-3.855	-0.911	1.493	3.085	3.737	3.527
3201	32.00	2.729	1.734	0.933	0.593	0.792	1.427	2.287	3.159	3.916	4.547
3211	32.10	5.124	5.731	6.396	7.060	7.598	7.890	7.886	7.658	7.382	7.286
3221	32.20	7.565	8.314	9.507	11.020	12.696	14.401	16.063	17.656	19.154	20.466
3231	32.30	21.406	21.706	21.080	19.320	16.379	12.414	7.755	2.820	-2.005	-6.462
3241	32.40	-10.472	-14.115	-17.550	-20.914	-24.233	-27.386	-30.114	-32.085	-32.972	-32.521
3251	32.50	-30.607	-27.250	-22.611	-16.980	-10.738	-4.314	1.865	7.439	12.158	15.892
3261	32.60	18.613	20.332	21.060	20.669	19.112	16.298	12.292	7.384	2.099	-2.869
3271	32.70	-6.819	-9.224	-9.887	-9.006	-7.130	-5.012	-3.422	-2.961	-3.924	-6.255
3281	32.80	-9.570	-13.256	-16.598	-18.931	-19.771	-18.913	-16.466	-12.803	-8.461	-3.981
3291	32.90	0.218	3.918	7.084	9.775	12.023	13.750	14.764	14.844	13.874	11.948
3301	33.00	9.397	6.705	4.349	2.645	1.661	1.249	1.163	1.210	1.338	1.626
3311	33.10	2.176	2.976	3.826	4.370	4.239	3.231	1.437	-0.763	-2.851	-4.395
3321	33.20	-5.244	-5.597	-5.902	-6.632	-8.045	-10.038	-12.174	-13.859	-14.590	-14.172
3331	33.30	-12.783	-10.884	-9.019	-7.590	-6.716	-6.222	-5.746	-4.907	-3.448	-1.315
3341	33.40	1.362	4.326	7.275	9.913	11.967	13.192	13.392	12.450	10.389	7.405
3351	33.50	3.858	0.208	-3.097	-5.732	-7.562	-8.644	-9.161	-9.314	-9.233	-8.924
3361	33.60	-8.290	-7.188	-5.521	-3.296	-0.646	2.194	4.946	7.358	9.249	10.534
3371	33.70	11.210	11.329	10.965	10.184	9.033	7.551	5.778	3.783	1.670	-0.417
3381	33.80	-2.310	-3.843	-4.875	-5.319	-5.148	-4.391	-3.126	-1.469	0.439	2.424
3391	33.90	4.292	5.835	6.875	7.304	7.139	6.548	5.838	5.396	5.591	6.674
3401	34.00	8.701	11.518	14.806	18.169	21.238	23.741	25.525	26.528	26.720	26.060
3411	34.10	24.485	21.947	18.473	14.216	9.468	4.607	0.008	-4.061	-7.500	-10.378
3421	34.20	-12.867	-15.135	-17.256	-19.165	-20.693	-21.643	-21.894	-21.457	-20.480	-19.183
3431	34.30	-17.767	-16.329	-14.833	-13.143	-11.095	-8.577	-5.588	-2.236	1.295	4.797
3441	34.40	8.074	10.946	13.234	14.745	15.286	14.714	13.005	10.313	6.969	3.417
3451	34.50	0.099	-2.674	-4.802	-6.392	-7.671	-8.857	-10.040	-11.137	-11.943	-12.247
3461	34.60	-11.964	-11.220	-10.332	-9.698	-9.626	-10.215	-11.282	-12.426	-13.184	-13.200
3471	34.70	-12.362	-10.829	-8.944	-7.083	-5.486	-4.162	-2.883	-1.296	0.926	3.930
3481	34.80	7.603	11.578	15.334	18.331	20.141	20.529	19.474	17.132	13.770	9.715
3491	34.90	5.313	0.912	-3.138	-6.504	-8.891	-10.089	-10.008	-8.697	-6.345	-3.236

Table 7-59-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1251 1323-GR-1-1 HA. (HA.) KUSHIROGAWA EMB. MAX. ACC. = -119.993 (GAL) T= 19.89 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.291	3.899	7.282	10.189	12.437	13.917	14.616	14.620	14.127	13.404
3511	35.10	12.735	12.327	12.229	12.287	12.165	11.432	9.695	6.745	2.640	-2.287
3521	35.20	-7.515	-12.485	-16.755	-20.109	-22.570	-24.324	-25.588	-26.472	-26.909	-26.675
3531	35.30	-25.495	-23.189	-19.802	-15.644	-11.233	-7.148	-3.855	-1.571	-0.223	0.483
3541	35.40	0.919	1.373	1.932	2.474	2.744	2.500	1.646	0.304	-1.216	-2.521
3551	35.50	-3.291	-3.396	-2.946	-2.241	-1.649	-1.484	-1.795	-2.533	-3.394	-4.028
3561	35.60	-4.143	-3.600	-2.442	-0.874	0.821	2.367	3.575	4.383	4.854	5.149
3571	35.70	5.468	5.995	6.854	8.072	9.576	11.199	12.717	13.897	14.548	14.574
3581	35.80	14.002	12.982	11.748	10.552	9.589	8.927	8.488	8.073	7.437	6.396
3591	35.90	4.911	3.129	1.346	-0.089	-0.918	-1.078	-0.750	-0.304	-0.162	-0.631
3601	36.00	-1.763	-3.310	-4.792	-5.654	-5.451	-3.994	-1.404	1.945	5.549	8.920
3611	36.10	11.684	13.625	14.654	14.760	13.976	12.374	10.092	7.355	4.460	1.717
3621	36.20	-0.644	-2.547	-4.090	-5.483	-6.939	-8.544	-10.199	-11.636	-12.536	-12.667
3631	36.30	-12.001	-10.728	-9.176	-7.661	-6.343	-5.162	-3.877	-2.199	0.041	2.783
3641	36.40	5.725	8.416	10.419	11.458	11.497	10.712	9.394	7.823	6.177	4.519
3651	36.50	2.842	1.142	-0.532	-2.087	-3.447	-4.625	-5.759	-7.079	-8.808	-11.038
3661	36.60	-13.641	-16.263	-18.421	-19.667	-19.747	-18.703	-16.855	-14.683	-12.659	-11.093
3671	36.70	-10.062	-9.440	-9.004	-8.557	-8.011	-7.383	-6.722	-6.017	-5.131	-3.822
3681	36.80	-1.847	0.900	4.270	7.836	10.991	13.126	13.838	13.074	11.150	8.644
3691	36.90	6.202	4.336	3.296	3.051	3.385	4.034	4.810	5.650	6.574	7.595
3701	37.00	8.628	9.457	9.798	9.408	8.212	6.378	4.289	2.430	1.238	0.949
3711	37.10	1.536	2.728	4.108	5.241	5.780	5.524	4.419	2.534	0.030	-2.844
3721	37.20	-5.752	-8.287	-10.022	-10.607	-9.884	-7.987	-5.354	-2.644	-0.558	0.370
3731	37.30	-0.051	-1.604	-3.729	-5.699	-6.842	-6.729	-5.268	-2.675	0.636	4.202
3741	37.40	7.627	10.642	13.086	14.869	15.927	16.222	15.773	14.699	13.236	11.691
3751	37.50	10.373	9.469	8.974	8.684	8.267	7.398	5.897	3.812	1.411	-0.916
3761	37.60	-2.815	-4.106	-4.855	-5.340	-5.934	-6.936	-8.439	-10.275	-12.069	-13.373
3771	37.70	-13.831	-13.310	-11.936	-10.040	-8.028	-6.234	-4.819	-3.747	-2.849	-1.931
3781	37.80	-0.882	0.276	1.399	2.309	2.882	3.123	3.170	3.231	3.486	3.998
3791	37.90	4.672	5.282	5.558	5.282	4.361	2.846	0.889	-1.324	-3.639	-5.949
3801	38.00	-8.179	-10.234	-11.962	-13.165	-13.649	-13.312	-12.213	-10.593	-8.818	-7.267
3811	38.10	-6.208	-5.706	-5.615	-5.646	-5.490	-4.943	-3.978	-2.739	-1.467	-0.395
3821	38.20	0.339	0.729	0.870	0.884	0.847	0.741	0.460	-0.139	-1.176	-2.687
3831	38.30	-4.613	-6.807	-9.084	-11.252	-13.144	-14.622	-15.573	-15.908	-15.582	-14.612
3841	38.40	-13.100	-11.240	-9.279	-7.460	-5.947	-4.769	-3.803	-2.814	-1.540	0.207
3851	38.50	2.461	5.075	7.754	10.155	11.998	13.167	13.746	13.988	14.219	14.708
3861	38.60	15.561	16.670	17.743	18.410	18.355	17.441	15.766	13.635	11.455	9.599
3871	38.70	8.279	7.492	7.049	6.680	6.162	5.431	4.616	3.995	3.887	4.521
3881	38.80	5.941	7.978	10.303	12.521	14.291	15.405	15.815	15.605	14.932	13.957
3891	38.90	12.808	11.564	10.274	8.976	7.713	6.529	5.455	4.501	3.646	2.850
3901	39.00	2.076	1.302	0.523	-0.253	-1.025	-1.810	-2.644	-3.567	-4.596	-5.711
3911	39.10	-6.848	-7.917	-8.826	-9.518	-9.978	-10.236	-10.337	-10.313	-10.155	-9.810
3921	39.20	-9.195	-8.237	-6.911	-5.272	-3.454	-1.651	-0.067	1.144	1.919	2.312
3931	39.30	2.471	2.591	2.845	3.320	3.979	4.673	5.180	5.286	4.844	3.823
3941	39.40	2.302	0.444	-1.564	-3.554	-5.401	-7.023	-8.364	-9.387	-10.081	-10.481
3951	39.50	-10.690	-10.872	-11.210	-11.829	-12.722	-13.707	-14.457	-14.584	-13.780	-11.931
3961	39.60	-9.174	-5.863	-2.461	0.610	3.079	4.869	6.054	6.763	7.082	7.001
3971	39.70	6.438	5.313	3.637	1.559	-0.653	-2.701	-4.361	-5.567	-6.428	-7.171
3981	39.80	-8.039	-9.185	-10.619	-12.211	-13.769	-15.025	-15.894	-16.302	-16.272	-15.863
3991	39.90	-15.142	-14.174	-13.032	-11.819	-10.671	-9.740	-9.151	-8.950	-9.081	-9.382

Table 7-59-9

TABLE OF CORRECTED ACCELERATION RECORD

NO. 9

INDEX NO. 1251 1323-GR-1-1 HA. (HA.) KUSHIROGAWA EMB. MAX. ACC. = -119.993 (GAL) T= 19.89 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-9.625	-9.578	-9.067	-8.021	-6.486	-4.610	-2.602	-0.694	0.914	2.083
4011	40.10	2.762	2.999	2.932	2.765	2.729	3.035	3.822	5.129	6.881	8.911
4021	40.20	10.997	12.923	14.526	15.736	16.589	17.212	17.773	18.427	19.257	20.230
4031	40.30	21.195	21.924	22.184	21.827	20.857	19.458	17.947	16.680	15.926	15.766
4041	40.40	16.044	16.408	16.414	15.670	13.958	11.306	7.964	4.324	0.797	-2.300
4051	40.50	-4.808	-6.731	-8.190	-9.349	-10.353	-11.282	-12.133	-12.834	-13.261	-13.254
4061	40.60	-12.648	-11.301	-9.132	-6.172	-2.593	1.289	5.050	8.242	10.501	11.641
4071	40.70	11.708	10.966	9.819	8.688	7.885	7.530	7.533	7.651	7.592	7.129
4081	40.80	6.181	4.841	3.331	1.918	0.815	0.122	-0.200	-0.289	-0.312	-0.392
4091	40.90	-0.563	-0.769	-0.900	-0.857	-0.602	-0.186	0.263	0.581	0.627	0.322
4101	41.00	-0.329	-1.247	-2.312	-3.397	-4.399	-5.255	-5.935	-6.438	-6.775	-6.956
4111	41.10	-6.980	-6.836	-6.499	-5.942	-5.153	-4.160	-3.048	-1.973	-1.138	-0.756
4121	41.20	-0.984	-1.873	-3.331	-5.140	-6.999	-8.602	-9.712	-10.200	-10.051	-9.334
4131	41.30	-8.153	-6.618	-4.833	-2.915	-1.011	0.688	1.981	2.709	2.821	2.413
4141	41.40	1.723	1.070	0.759	0.979	1.740	2.872	4.073	5.003	5.383	5.063
4151	41.50	4.049	2.489	0.621	-1.282	-2.979	-4.303	-5.198	-5.724	-6.042	-6.372
4161	41.60	-6.922	-7.819	-9.056	-10.477	-11.816	-12.783	-13.153	-12.847	-11.947	-10.658
4171	41.70	-9.225	-7.848	-6.631	-5.584	-4.676	-3.903	-3.333	-3.097	-3.329	-4.080
4181	41.80	-5.258	-6.610	-7.786	-8.445	-8.368	-7.531	-6.107	-4.401	-2.747	-1.408
4191	41.90	-0.517	-0.068	0.043	-0.038	-0.162	-0.201	-0.043	0.411	1.241	2.481
4201	42.00	4.085	5.892	7.640	9.008	9.693	9.502	8.411	6.582	4.323	2.007
4211	42.10	-0.026	-1.550	-2.491	-2.921	-3.005	-2.933	-2.853	-2.832	-2.849	-2.816
4221	42.20	-2.624	-2.178	-1.431	-0.386	0.909	2.384	3.959	5.558	7.107	8.527
4231	42.30	9.738	10.674	11.299	11.633	11.759	11.815	11.957	12.310	12.922	13.741
4241	42.40	14.622	15.370	15.799	15.786	15.312	14.459	13.375	12.226	11.140	10.166
4251	42.50	9.270	8.352	7.288	5.987	4.430	2.696	0.958	-0.562	-1.650	-2.167
4261	42.60	-2.101	-1.586	-0.871	-0.252	0.014	-0.206	-0.880	-1.819	-2.730	-3.306
4271	42.70	-3.313	-2.644	-1.341	0.425	2.407	4.328	5.928	6.999	7.399	7.078
4281	42.80	6.080	4.549	2.712	0.833	-0.846	-2.163	-3.082	-3.695	-4.186	-4.766
4291	42.90	-5.601	-6.763	-8.212	-9.819	-11.406	-12.791	-13.827	-14.420	-14.537	-14.212
4301	43.00	-13.538	-12.665	-11.768	-11.007	-10.474	-10.148	-9.888	-9.464	-8.633	-7.234
4311	43.10	-5.251	-2.833	-0.252	2.188	4.251	5.821	6.908	7.593	7.942	7.949
4321	43.20	7.522	6.537	4.923	2.750	0.254	-2.194	-4.187	-5.404	-5.702	-5.149
4331	43.30	-3.984	-2.526	-1.071	0.193	1.210	2.036	2.780	3.549	4.404	5.353
4341	43.40	6.361	7.380	8.363	9.272	10.067	10.696	11.083	11.144	10.802	10.017
4351	43.50	8.810	7.269	5.531	3.753	2.069	0.554	-0.793	-2.034	-3.256	-4.521
4361	43.60	-5.826	-7.084	-8.141	-8.827	-9.008	-8.637	-7.771	-6.544	-5.127	-3.673
4371	43.70	-2.289	-1.032	0.070	0.983	1.654	2.019	2.034	1.712	1.131	0.412
4381	43.80	-0.328	-1.037	-1.754	-2.587	-3.654	-5.002	-6.550	-8.096	-9.379	-10.189
4391	43.90	-10.457	-10.294	-9.946	-9.691	-9.711	-10.016	-10.437	-10.711	-10.597	-9.988
4401	44.00	-8.948	-7.671	-6.380	-5.226	-4.230	-3.302	-2.322	-1.237	-0.116	0.856
4411	44.10	1.462	1.550	1.111	0.285	-0.697	-1.609	-2.315	-2.788	-3.071	-3.201
4421	44.20	-3.141	-2.773	-1.947	-0.562	1.254	3.331	5.318	6.904	7.924	8.424
4431	44.30	8.626	8.820	9.220	9.861	10.586	11.128	11.235	10.801	9.911	8.799
4441	44.40	7.740	6.932	6.425	6.127	5.890	5.600	5.246	4.916	4.723	4.716
4451	44.50	4.821	4.842	4.544	3.757	2.466	0.825	-0.899	-2.433	-3.602	-4.371
4461	44.60	-4.828	-5.101	-5.278	-5.360	-5.276	-4.948	-4.362	-3.599	-2.811	-2.141
4471	44.70	-1.638	-1.215	-0.671	0.225	1.620	3.505	5.707	7.949	9.958	11.552
4481	44.80	12.676	13.375	13.721	13.740	13.394	12.608	11.348	9.682	7.800	5.960
4491	44.90	4.392	3.199	2.310	1.507	0.528	-0.818	-2.560	-4.549	-6.517	-8.183

Table 7-59-10

TABLE OF CORRECTED ACCELERATION RECORD

NO.10

INDEX NO. 1251 1323-GR-1-1 HA. (HA.) KUSHIROGAWA EMB. MAX. ACC. = -119.993 (GAL) T= 19.89 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-9.349	-9.950	-10.032	-9.696	-9.024	-8.047	-6.762	-5.178	-3.371	-1.504
4511	45.10	0.207	1.553	2.402	2.738	2.642	2.242	1.643	0.896	-0.010	-1.094
4521	45.20	-2.336	-3.637	-4.834	-5.745	-6.235	-6.270	-5.919	-5.329	-4.666	-4.065
4531	45.30	-3.609	-3.335	-3.258	-3.388	-3.732	-4.262	-4.901	-5.513	-5.933	-6.026
4541	45.40	-5.741	-5.143	-4.386	-3.654	-3.077	-2.673	-2.352	-1.959	-1.362	-0.525
4551	45.50	0.468	1.448	2.236	2.732	2.954	3.019	3.081	3.240	3.486	3.695
4561	45.60	3.689	3.316	2.533	1.426	0.183	-0.975	-1.874	-2.436	-2.678	-2.676
4571	45.70	-2.517	-2.262	-1.942	-1.582	-1.226	-0.954	-0.855	-0.989	-1.342	-1.813
4581	45.80	-2.235	-2.440	-2.327	-1.905	-1.292	-0.658	-0.153	0.173	0.396	0.689
4591	45.90	1.250	2.208	3.551	5.106	6.574	7.615	7.964	7.417	6.071	4.115
4601	46.00	1.878	-0.270	-2.001	-3.098	-3.490	-3.249	-2.562	-1.669	-0.795	-0.098
4611	46.10	0.363	0.627	0.794	0.978	1.254	1.634	2.064	2.456	2.721	2.805
4621	46.20	2.697	2.424	2.024	1.529	0.957	0.321	-0.350	-1.001	-1.554	-1.933
4631	46.30	-2.096	-2.058	-1.890	-1.693	-1.547	-1.474	-1.419	-1.277	-0.944	-0.380
4641	46.40	0.352	1.086	1.604	1.710	1.305	0.423	-0.769	-2.032	-3.121	-3.859
4651	46.50	-4.173	-4.096	-3.734	-3.228	-2.712	-2.293	-2.045	-2.005	-2.178	-2.532
4661	46.60	-2.993	-3.451	-3.773	-3.835	-3.554	-2.914	-1.980	-0.884	0.203	1.113
4671	46.70	1.721	1.977	1.917	1.655	1.355	1.188	1.284	1.689	2.349	3.116
4681	46.80	3.798	4.221	4.286	4.005	3.492	2.904	2.377	1.963	1.611	1.207
4691	46.90	0.642	-0.115	-0.972	-1.731	-2.166	-2.107	-1.516	-0.503	0.719	1.921
4701	47.00	2.943	3.736	4.352	4.878	5.377	5.846	6.230	6.472	6.575	6.618
4711	47.10	6.737	7.045	7.556	8.146	8.575	8.581	7.986	6.781	5.139	3.349
4721	47.20	1.706	0.401	-0.530	-1.190	-1.736	-2.284	-2.844	-3.320	-3.566	-3.473
4731	47.30	-3.034	-2.363	-1.651	-1.096	-0.831	-0.884	-1.186	-1.607	-2.008	-2.266
4741	47.40	-2.296	-2.038	-1.456	-0.553	0.614	1.914	3.145	4.074	4.499	4.318
4751	47.50	3.576	2.460	1.253	0.252	-0.318	-0.358	0.086	0.856	1.732	2.496
4761	47.60	2.974	3.072	2.785	2.187	1.414	0.628	-0.022	-0.453	-0.676	-0.808
4771	47.70	-1.043	-1.586	-2.578	-4.025	-5.777	-7.555	-9.024	-9.893	-9.998	-9.343
4781	47.80	-8.087	-6.489	-4.821	-3.307	-2.080	-1.180	-0.582	-0.217	0.000	0.168
4791	47.90	0.394	0.789	1.445	2.396	3.583	4.832	5.876	6.415	6.200	5.122
4801	48.00	3.259	0.866	-1.693	-4.048	-5.938	-7.272	-8.139	-8.746	-9.330	-10.055
4811	48.10	-10.960	-11.957	-12.882	-13.568	-13.912	-13.901	-13.596	-13.087	-12.445	-11.689
4821	48.20	-10.790	-9.701	-8.393	-6.875	-5.193	-3.410	-1.586	0.233	2.000	3.647
4831	48.30	5.060	6.092	6.600	6.498	5.818	4.716	3.448	2.294	1.466	1.042
4841	48.40	0.948	0.998	0.966	0.677	0.059	-0.841	-1.893	-2.940	-3.850	-4.547
4851	48.50	-5.010	-5.245	-5.261	-5.050	-4.594	-3.876	-2.908	-1.737	-0.446	0.870
4861	48.60	2.118	3.235	4.190	4.987	5.650	6.211	6.696	7.120	7.485	7.789
4871	48.70	8.028	8.205	8.325	8.386	8.360	8.192	7.795	7.078	5.985	4.543
4881	48.80	2.884	1.246	-0.080	-0.826	-0.834	-0.113	1.155	2.676	4.133	5.289
4891	48.90	6.048	6.459	6.667	6.830	7.047	7.323	7.594	7.774	7.819	7.752
4901	49.00	7.657	7.625	7.701	7.848	7.950	7.857	7.449	6.689	5.648	4.482
4911	49.10	3.385	2.528	2.015	1.862	2.008	2.344	2.746	3.098	3.318	3.356
4921	49.20	3.205	2.890	2.460	1.976	1.493	1.047	0.650	0.299	-0.018	-0.294
4931	49.30	-0.506	-0.612	-0.573	-0.380	-0.070	0.265	0.497	0.492	0.146	-0.572
4941	49.40	-1.609	-2.825	-4.016	-4.964	-5.485	-5.487	-5.001	-4.189	-3.314	-2.673
4951	49.50	-2.513	-2.959	-3.973	-5.362	-6.841	-8.120	-8.992	-9.386	-9.371	-9.109
4961	49.60	-8.786	-8.542	-8.439	-8.452	-8.500	-8.476	-8.277	-7.812	-7.014	-5.845
4971	49.70	-4.323	-2.543	-0.693	0.961	2.131	2.589	2.252	1.222	-0.228	-1.735
4981	49.80	-2.952	-3.657	-3.801	-3.497	-2.952	-2.373	-1.895	-1.553	-1.308	-1.099
4991	49.90	-0.888	-0.681	-0.513	-0.405	-0.335	-0.229	0.011	0.461	1.129	1.939

Table 7-59-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1251 1323-GR-1-1 HA. (HA.) KUSHIROGAWA EMB. MAX. ACC. = -119.993 (GAL) T= 19.89 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	2.751	3.412	3.807	3.896	3.713	3.337	2.849	2.297	1.686	0.992
5011	50.10	0.196	-0.682	-1.575	-2.382	-2.595	-3.340	-3.397	-3.210	-2.860	-2.437
5021	50.20	-2.002	-1.569	-1.103	-0.543	0.159	1.006	1.934	2.808	3.459	3.723
5031	50.30	3.501	2.794	1.711	0.452	-0.753	-1.703	-2.283	-2.494	-2.447	-2.322
5041	50.40	-2.312	-2.562	-3.125	-3.949	-4.887	-5.734	-6.287	-6.396	-6.015	-5.223
5051	50.50	-4.216	-3.259	-2.617	-2.478	-2.880	-3.698	-4.662	-5.444	-5.747	-5.402
5061	50.60	-4.414	-2.950	-1.282	0.308	1.604	2.504	3.020	3.240	3.277	3.233
5071	50.70	3.184	3.189	3.307	3.608	4.151	4.961	5.994	7.121	8.153	8.888
5081	50.80	9.177	8.975	8.369	7.551	6.767	6.238	6.096	6.343	6.853	7.417
5091	50.90	7.802	7.828	7.420	6.636	5.646	4.688	3.995	3.721	3.901	4.434
5101	51.00	5.124	5.737	6.076	6.031	5.601	4.882	4.027	3.198	2.526	2.099
5111	51.10	1.946	2.046	2.325	2.654	2.865	2.768	2.208	1.121	-0.416	-2.175
5121	51.20	-3.815	-4.975	-5.380	-4.936	-3.757	-2.136	-0.446	0.972	1.900	2.275
5131	51.30	2.166	1.702	1.013	0.183	-0.738	-1.698	-2.601	-3.295	-3.597	-3.351
5141	51.40	-2.500	-1.119	0.582	2.315	3.787	4.777	5.177	4.999	4.342	3.352
5151	51.50	2.180	0.960	-0.201	-1.226	-2.064	-2.706	-3.181	-3.561	-3.939	-4.402
5161	51.60	-4.999	-5.724	-6.518	-7.287	-7.943	-8.426	-8.721	-8.851	-8.852	-8.756
5171	51.70	-8.573	-8.302	-7.940	-7.503	-7.032	-6.581	-6.200	-5.907	-5.676	-5.444
5181	51.80	-5.131	-4.668	-4.024	-3.214	-2.285	-1.305	-0.336	0.569	1.367	2.006
5191	51.90	2.422	2.533	2.268	1.597	0.565	-0.698	-1.991	-3.094	-3.832	-4.130
5201	52.00	-4.041	-3.721	-3.369	-3.146	-3.103	-3.156	-3.117	-2.771	-1.965	-0.690
5211	52.10	0.901	2.532	3.892	4.741	4.986	4.709	4.120	3.475	2.977	2.706
5221	52.20	2.604	2.508	2.222	1.593	0.566	-0.806	-2.383	-3.986	-5.442	-6.616
5231	52.30	-7.425	-7.833	-7.848	-7.506	-6.874	-6.052	-5.144	-4.258	-3.479	-2.845
5241	52.40	-2.349	-1.943	-1.564	-1.156	-0.689	-0.165	0.396	0.975	1.568	2.197
5251	52.50	2.896	3.700	4.624	5.652	6.740	7.824	8.838	9.729	10.463	11.028
5261	52.60	11.429	11.677	11.787	11.773	11.650	11.431	11.131	10.766	10.351	9.896
5271	52.70	9.410	8.899	8.361	7.793	7.188	6.539	5.842	5.100	4.325	3.543
5281	52.80	2.784	2.084	1.475	0.974	0.580	0.266	-0.011	-0.300	-0.641	-1.041
5291	52.90	-1.466	-1.838	-2.061	-2.047	-1.759	-1.235	-0.588	0.020	0.437	0.573
5301	53.00	0.443	0.162	-0.096	-0.170	0.011	0.392	0.803	1.015	0.835	0.178
5311	53.10	-0.891	-2.185	-3.458	-4.495	-5.178	-5.505	-5.572	-5.504	-5.407	-5.330
5321	53.20	-5.270	-5.201	-5.115	-5.038	-5.020	-5.107	-5.308	-5.581	-5.843	-6.012
5331	53.30	-6.041	-5.944	-5.785	-5.643	-5.578	-5.595	-5.650	-5.679	-5.630	-5.501
5341	53.40	-5.334	-5.199	-5.149	-5.188	-5.263	-5.282	-5.153	-4.824	-4.308	-3.679
5351	53.50	-3.044	-2.502	-2.120	-1.904	-1.816	-1.781	-1.718	-1.553	-1.242	-0.767
5361	53.60	-0.145	0.572	1.311	1.982	2.505	2.827	2.943	2.897	2.777	2.687
5371	53.70	2.715	2.910	3.260	3.698	4.114	4.376	4.363	3.988	3.222	2.099
5381	53.80	0.719	-0.765	-2.179	-3.360	-4.186	-4.598	-4.600	-4.243	-3.593	-2.710
5391	53.90	-1.635	-0.396	0.974	2.407	3.801	5.022	5.941	6.464	6.569	6.302
5401	54.00	5.770	5.105	4.428	3.826	3.342	2.987	2.752	2.622	2.583	2.622
5411	54.10	2.723	2.867	3.034	3.210	3.388	3.564	3.730	3.873	3.967	3.989
5421	54.20	3.922	3.768	3.544	3.276	2.981	2.661	2.308	1.914	1.493	1.089
5431	54.30	0.771	0.605	0.622	0.793	1.030	1.214	1.243	1.074	0.747	0.367
5441	54.40	0.070	-0.043	0.064	0.344	0.697	1.015	1.220	1.291	1.259	1.176
5451	54.50	1.087	1.012	0.944	0.874	0.802	0.752	0.755	0.830	0.963	1.102
5461	54.60	1.170	1.101	0.866	0.488	0.028	-0.441	-0.871	-1.261	-1.652	-2.103
5471	54.70	-2.660	-3.325	-4.048	-4.746	-5.330	-5.732	-5.921	-5.907	-5.724	-5.419
5481	54.80	-5.034	-4.605	-4.163	-3.731	-3.319	-2.919	-2.499	-2.010	-1.397	-0.627
5491	54.90	0.293	1.308	2.320	3.214	3.890	4.285	4.392	4.255	3.951	3.572

Table 7-59-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1251 1323-GR-1-1 HA. (HA.) KUSHIROGAWA EMB. MAX. ACC. = -119.993 (GAL) T= 19.89 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	3.204	2.901	2.682	2.518	2.338	2.039	1.511	0.672	-0.501	-1.949
5511	55.10	-3.540	-5.095	-6.442	-7.462	-8.129	-8.498	-8.677	-8.768	-8.825	-8.829
5521	55.20	-8.703	-8.363	-7.760	-6.924	-5.960	-5.013	-4.226	-3.685	-3.399	-3.309
5531	55.30	-3.319	-3.337	-3.296	-3.167	-2.943	-2.628	-2.220	-1.716	-1.128	-0.491
5541	55.40	0.132	0.665	1.051	1.270	1.362	1.413	1.532	1.816	2.315	3.024
5551	55.50	3.886	4.814	5.714	6.506	7.131	7.549	7.739	7.690	7.413	6.938
5561	55.60	6.325	5.660	5.045	4.573	4.315	4.295	4.487	4.818	5.184	5.476
5571	55.70	5.605	5.521	5.227	4.768	4.218	3.654	3.125	2.640	2.170	1.664
5581	55.80	1.078	0.403	-0.325	-1.032	-1.633	-2.068	-2.326	-2.452	-2.531	-2.654
5591	55.90	-2.881	-3.213	-3.598	-3.946	-4.168	-4.203	-4.045	-3.737	-3.358	-2.997
5601	56.00	-2.735	-2.622	-2.680	-2.896	-3.234	-3.636	-4.028	-4.334	-4.486	-4.434
5611	56.10	-4.163	-3.689	-3.059	-2.359	-1.601	-0.918	-0.352	0.048	0.245	0.228
5621	56.20	0.012	-0.352	-0.791	-1.215	-1.567	-1.738	-1.777	-1.686	-1.499	-1.236
5631	56.30	-0.893	-0.444	0.138	0.854	1.655	2.451	3.132	3.609	3.857	3.919
5641	56.40	3.898	3.910	4.036	4.284	4.588	4.834	4.906	4.740	4.344	3.797
5651	56.50	3.219	2.727	2.397	2.253	2.264	2.369	2.499	2.593	2.608	2.523
5661	56.60	2.339	2.082	1.798	1.551	1.405	1.398	1.524	1.718	1.874	1.872
5671	56.70	1.628	1.129	0.449	-0.267	-0.848	-1.152	-1.112	-0.752	-0.175	0.484
5681	56.80	1.107	1.627	2.042	2.394	2.733	3.077	3.390	3.584	3.549	3.192
5691	56.90	2.480	1.455	0.233	-1.034	-2.203	-3.180	-3.943	-4.540	-5.056	-5.570
5701	57.00	-6.116	-6.668	-7.149	-7.466	-7.551	-7.391	-7.036	-6.578	-6.113	-5.701
5711	57.10	-5.351	-5.022	-4.650	-4.187	-3.619	-2.971	-2.289	-1.609	-0.938	-0.254
5721	57.20	0.474	1.256	2.059	2.806	3.400	3.761	3.863	3.744	3.501	3.246
5731	57.30	3.076	3.046	3.161	3.399	3.722	4.097	4.488	4.844	5.091	5.134
5741	57.40	4.885	4.297	3.396	2.287	1.128	0.076	-0.755	-1.338	-1.721	-1.997
5751	57.50	-2.255	-2.540	-2.839	-3.107	-3.296	-3.395	-3.435	-3.472	-3.557	-3.698
5761	57.60	-3.850	-3.932	-3.859	-3.581	-3.103	-2.480	-1.790	-1.104	-0.462	0.129
5771	57.70	0.680	1.199	1.678	2.095	2.423	2.649	2.780	2.841	2.858	2.847
5781	57.80	2.806	2.723	2.590	2.415	2.224	2.050	1.913	1.809	1.711	1.578
5791	57.90	1.385	1.132	0.848	0.573	0.326	0.089	-0.197	-0.612	-1.221	-2.037
5801	58.00	-3.003	-4.009	-4.917	-5.613	-6.035	-6.186	-6.123	-5.926	-5.664	-5.379
5811	58.10	-5.081	-4.766	-4.428	-4.072	-3.716	-3.377	-3.054	-2.723	-2.338	-1.851
5821	58.20	-1.228	-0.475	0.359	1.186	1.909	2.449	2.768	2.889	2.879	2.826
5831	58.30	2.805	2.843	2.918	2.962	2.906	2.711	2.398	2.043	1.747	1.583
5841	58.40	1.556	1.585	1.531	1.255	0.688	-0.125	-1.022	-1.779	-2.188	-2.139
5851	58.50	-1.664	-0.918	-0.120	0.531	0.932	1.093	1.121	1.155	1.302	1.602
5861	58.60	2.018	2.473	2.883	3.192	3.379	3.445	3.393	3.229	2.963	2.631
5871	58.70	2.302	2.072	2.022	2.183	2.500	2.836	3.019	2.901	2.422	1.641
5881	58.80	0.721	-0.135	-0.748	-1.031	-1.003	-0.774	-0.496	-0.310	-0.316	-0.556
5891	58.90	-1.031	-1.709	-2.534	-3.425	-4.269	-4.934	-5.289	-5.246	-4.799	-4.037
5901	59.00	-3.125	-2.266	-1.629	-1.309	-1.301	-1.519	-1.837	-2.133	-2.328	-2.390
5911	59.10	-2.325	-2.155	-1.900	-1.579	-1.209	-0.821	-0.450	-0.129	0.129	0.336
5921	59.20	0.532	0.755	1.023	1.312	1.561	1.693	1.654	1.439	1.106	0.754
5931	59.30	0.495	0.607	0.516	0.790	1.165	1.575	1.977	2.362	2.743	3.135
5941	59.40	3.538	3.932	4.283	4.570	4.791	4.976	5.170	5.413	5.715	6.044
5951	59.50	6.333	6.499	6.473	6.225	5.779	5.204	4.593	4.035	3.576	3.210
5961	59.60	2.874	2.468	1.895	1.093	0.067	-1.107	-2.295	-3.352	-4.159	-4.666
5971	59.70	-4.903	-4.963	-4.967	-5.015	-5.154	-5.370	-5.601	-5.773	-5.837	-5.784
5981	59.80	-5.648	-5.480	-5.325	-5.200	-5.093	-4.982	-4.851	-4.708	-4.578	-4.485
5991	59.90	-4.425	-4.351	-4.174	-3.790	-3.126	-2.168	-0.988	0.271	1.435	2.342

Table 7-59-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1251 1323-GR-1-1 HA. (HA.) KUSHIROGAWA EMB. MAX. ACC. = -119.993 (GAL) T= 19.89 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	2.894	3.076	2.961	2.675	2.365	2.153	2.113	2.255	2.532	2.856
6011	60.10	3.124	3.245	3.162	2.870	2.416	1.891	1.405	1.059	0.914	0.978
6021	60.20	1.206	1.517	1.823	2.058	2.197	2.253	2.267	2.282	2.323	2.386
6031	60.30	2.439	2.437	2.344	2.141	1.836	1.462	1.065	0.689	0.376	0.153
6041	60.40	0.031	0.009	0.068	0.171	0.267	0.303	0.231	0.033	-0.276	-0.638
6051	60.50	-0.973	-1.198	-1.255	-1.138	-0.891	-0.607	-0.386	-0.311	-0.414	-0.662
6061	60.60	-0.975	-1.243	-1.369	-1.291	-1.006	-0.556	-0.024	0.503	0.942	1.235
6071	60.70	1.347	1.263	0.982	0.511	-0.133	-0.924	-1.825	-2.792	-3.779	-4.738
6081	60.80	-5.626	-6.405	-7.035	-7.481	-7.714	-7.722	-7.520	-7.151	-6.683	-6.193
6091	60.90	-5.743	-5.362	-5.036	-4.713	-4.325	-3.810	-3.139	-2.322	-1.413	-0.486
6101	61.00	0.381	1.132	1.735	2.192	2.526	2.768	2.946	3.076	3.153	3.157
6111	61.10	3.062	2.847	2.512	2.088	1.638	1.243	0.981	0.899	0.995	1.216
6121	61.20	1.479	1.702	1.842	1.920	2.012	2.223	2.640	3.295	4.143	5.077
6131	61.30	5.957	6.666	7.137	7.371	7.416	7.336	7.180	6.959	6.650	6.218
6141	61.40	5.637	4.909	4.062	3.138	2.174	1.191	0.196	-0.805	-1.793	-2.723
6151	61.50	-3.526	-4.125	-4.459	-4.498	-4.256	-3.789	-3.179	-2.519	-1.890	-1.346
6161	61.60	-0.906	-0.551	-0.240	0.078	0.434	0.821	1.182	1.426	1.456	1.216
6171	61.70	0.719	0.061	-0.607	-1.135	-1.435	-1.523	-1.527	-1.638	-2.035	-2.813
6181	61.80	-3.938	-5.258	-6.560	-7.644	-8.392	-8.791	-8.910	-8.865	-8.665	-8.383
6191	61.90	-7.966	-7.380	-6.632	-5.792	-4.980	-4.307	-3.828	-3.504	-3.210	-2.794
6201	62.00	-2.142	-1.235	-0.170	0.879	1.720	2.216	2.323	2.094	1.640	1.078
6211	62.10	0.489	-0.093	-0.663	-1.212	-1.700	-2.047	-2.158	-1.962	-1.445	-0.666
6221	62.20	0.257	1.180	1.979	2.582	2.976	3.202	3.324	3.401	3.476	3.562
6231	62.30	3.660	3.761	3.859	3.954	4.042	4.112	4.142	4.100	3.954	3.686
6241	62.40	3.298	2.818	2.295	1.784	1.335	0.972	0.695	0.475	0.270	0.040
6251	62.50	-0.240	-0.571	-0.934	-1.299	-1.631	-1.901	-2.083	-2.148	-2.058	-1.770
6261	62.60	-1.250	-0.488	0.477	1.557	2.624	3.541	4.207	4.589	4.734	4.753
6271	62.70	4.783	4.937	5.267	5.748	6.295	6.796	7.152	7.305	7.248	7.014
6281	62.80	6.658	6.239	5.806	5.398	5.042	4.754	4.526	4.322	4.079	3.721
6291	62.90	3.189	2.469	1.619	0.765	0.072	-0.306	-0.273	0.171	0.937	1.869
6301	63.00	2.803	3.608	4.220	4.637	4.892	5.026	5.051	4.953	4.698	4.260
6311	63.10	3.645	2.892	2.070	1.248	0.481	-0.207	-0.822	-1.379	-1.891	-2.353
6321	63.20	-2.740	-3.016	-3.146	-3.112	-2.909	-2.549	-2.051	-1.438	-0.737	0.017
6331	63.30	0.775	1.474	2.046	2.432	2.602	2.566	2.374	2.107	1.846	1.644
6341	63.40	1.506	1.381	1.183	0.817	0.223	-0.595	-1.562	-2.553	-3.431	-4.102
6351	63.50	-4.547	-4.834	-5.090	-5.447	-5.988	-6.701	-7.486	-8.182	-8.640	-8.776
6361	63.60	-8.606	-8.238	-7.819	-7.475	-7.255	-7.118	-6.963	-6.687	-6.240	-5.663
6371	63.70	-5.073	-4.619	-4.417	-4.504	-4.825	-5.266	-5.705	-6.061	-6.324	-6.540
6381	63.80	-6.779	-7.086	-7.460	-7.849	-8.185	-8.415	-8.527	-8.548	-8.524	-8.488
6391	63.90	-8.438	-8.335	-8.126	-7.770	-7.264	-6.641	-5.955	-5.254	-4.557	-3.856
6401	64.00	-3.127	-2.360	-1.570	-0.798	-0.089	0.532	1.080	1.605	2.157	2.754
6411	64.10	3.351	3.848	4.117	4.065	3.678	3.047	2.342	1.759	1.451	1.469
6421	64.20	1.753	2.158	2.513	2.687	2.630	2.386	2.062	1.778	1.624	1.633
6431	64.30	1.782	2.022	2.302	2.595	2.900	3.231	3.591	3.954	4.264	4.444
6441	64.40	4.431	4.197	3.772	3.239	2.718	2.328	2.154	2.221	2.489	2.870

Table 7−60−1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1252 1323-GR-1-1 U-D (U-D) KUSHIROGAWA EHB. MAX. ACC. = -93.147 (GAL) T= 19.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-3.731	-5.979	-7.262	-7.795	-8.004	-8.316	-8.968	-9.931	-10.972	-11.802
11	0.10	-12.231	-12.255	-12.022	-11.714	-11.409	-11.008	-10.255	-8.861	-6.656	-3.699
21	0.20	-0.294	3.096	5.997	8.056	9.113	9.189	8.405	6.902	4.781	2.113
31	0.30	-1.021	-4.482	-8.057	-11.486	-14.516	-16.950	-18.665	-19.589	-19.667	-18.844
41	0.40	-17.086	-14.441	-11.111	-7.481	-4.074	-1.442	-0.007	0.072	-1.045	-2.921
51	0.50	-4.968	-6.619	-7.474	-7.380	-6.434	-4.904	-3.128	-1.412	0.040	1.148
61	0.60	1.938	2.496	2.904	3.189	3.302	3.132	2.570	1.587	0.294	-1.056
71	0.70	-2.143	-2.716	-2.740	-2.467	-2.388	-3.044	-4.770	-7.466	-10.525	-12.969
81	0.80	-13.765	-12.217	-8.269	-2.591	3.599	8.914	12.231	13.007	11.379	8.012
91	0.90	3.802	-0.431	-4.153	-7.134	-9.348	-10.798	-11.400	-10.971	-9.325	-6.410
101	1.00	-2.428	2.139	6.597	10.184	12.242	12.364	10.489	6.927	2.319	-2.466
111	1.10	-6.500	-8.988	-9.462	-7.920	-4.845	-1.099	2.303	4.472	4.885	3.516
121	1.20	0.815	-2.437	-5.358	-7.176	-7.397	-5.878	-2.830	1.230	5.568	9.336
131	1.30	11.713	12.073	10.151	6.164	0.836	-4.716	-9.216	-11.545	-11.045	-7.711
141	1.40	-2.217	4.249	10.297	14.696	16.684	16.133	13.512	9.682	5.582	1.977
151	1.50	-0.964	-3.159	-4.924	-6.454	-7.658	-8.122	-7.286	-4.776	-0.728	4.077
161	1.60	8.372	10.832	10.613	7.753	3.234	-1.364	-4.482	-5.221	-3.704	-0.989
171	1.70	1.424	2.291	1.191	-1.291	-3.832	-4.966	-3.729	-0.065	5.157	10.489
181	1.80	14.417	15.831	14.271	9.940	3.555	-3.829	-10.953	-16.461	-19.061	-17.779
191	1.90	-12.304	-3.269	7.694	18.240	25.911	28.854	26.397	19.236	9.174	-1.477
201	2.00	-10.563	-16.591	-18.905	-17.571	-13.130	-6.401	1.594	9.613	16.231	20.063
211	2.10	20.042	16.027	8.823	0.158	-7.829	-13.265	-15.112	-13.391	-8.975	-3.081
221	2.20	3.241	9.381	15.059	19.982	23.502	24.570	22.082	15.488	5.344	-6.533
231	2.30	-17.464	-24.785	-26.814	-23.510	-16.491	-8.388	-1.811	1.641	1.899	0.275
241	2.40	-1.249	-0.967	1.791	6.388	11.185	14.237	14.093	10.359	3.841	-3.752
251	2.50	-10.402	-14.437	-15.024	-12.353	-7.488	-1.953	2.791	5.810	6.941	6.738
261	2.60	6.151	6.037	6.730	7.820	8.292	6.969	3.105	-3.121	-10.467	-16.929
271	2.70	-20.426	-19.604	-14.447	-6.416	1.966	7.960	9.577	6.307	-0.671	-8.873
281	2.80	-15.361	-17.729	-14.900	-7.435	2.713	12.889	20.617	24.341	23.793	19.886
291	2.90	14.219	8.423	3.592	0.027	-2.652	-5.112	-7.833	-10.787	-13.410	-14.874
301	3.00	-14.509	-12.173	-8.367	-4.055	-0.251	2.391	3.811	4.448	4.912	5.568
311	3.10	6.281	6.476	5.475	2.969	-0.669	-4.393	-6.871	-7.086	-4.849	-0.977
321	3.20	3.011	5.533	5.677	3.639	0.674	-1.454	-1.292	1.577	6.248	10.778
331	3.30	12.936	11.122	5.053	-4.044	-13.822	-21.599	-25.245	-23.822	-17.783	-8.700
341	3.40	1.312	10.233	16.605	19.723	19.558	16.538	11.327	4.697	-2.499	-9.314
351	3.50	-14.745	-17.872	-18.080	-15.287	-10.053	-3.512	2.897	7.807	10.282	10.044
361	3.60	7.479	3.454	-0.977	-4.860	-7.535	-8.698	-8.351	-6.718	-4.165	-1.152
371	3.70	1.799	4.163	5.518	5.672	4.759	3.235	1.747	0.896	0.991	1.896
381	3.80	3.059	3.726	3.261	1.437	-1.432	-4.583	-7.081	-8.180	-7.600	-5.612
391	3.90	-2.900	-0.275	1.643	2.623	2.830	2.654	2.458	2.365	2.207	1.647
401	4.00	0.424	-1.413	-3.408	-4.815	-4.902	-3.321	-0.370	2.999	5.466	5.860
411	4.10	3.676	-0.609	-5.607	-9.483	-10.656	-8.452	-3.436	2.757	8.025	10.618
421	4.20	9.812	6.158	1.196	-3.226	-5.735	-5.945	-4.497	-2.620	-1.463	-1.510
431	4.30	-2.382	-3.102	-2.662	-0.616	2.627	5.940	7.989	7.845	5.413	1.471
441	4.40	-2.683	-5.788	-7.117	-6.684	-5.114	-3.268	-1.843	-1.123	-0.966	-0.994
451	4.50	-0.825	-0.233	0.820	2.254	3.953	5.781	7.531	8.872	9.376	8.659
461	4.60	6.583	3.421	-0.149	-3.248	-5.136	-5.530	-4.735	-3.502	-2.688	-2.849
471	4.70	-3.991	-5.594	-6.879	-7.197	-6.316	-4.486	-2.248	-0.119	1.665	3.202
481	4.80	4.752	6.442	8.050	9.002	8.620	6.522	2.931	-1.258	-4.761	-6.407
491	4.90	-5.664	-2.916	0.660	3.469	4.337	2.847	-0.376	-3.927	-6.200	-6.052

Table 7−60−2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1252 1323-GR-1-1 U-D (U-D) KUSHIROGAWA EHB. MAX. ACC. = -93.147 (GAL) T= 19.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-3.278	1.297	6.143	9.613	10.554	8.695	4.667	-0.310	-4.923	-8.222
511	5.10	-9.855	-10.015	-9.162	-7.697	-5.748	-3.181	0.189	4.309	8.691	12.433
521	5.20	14.473	13.987	10.746	5.281	-1.234	-7.330	-11.686	-13.496	-12.635	-9.590
531	5.30	-5.234	-0.544	3.616	6.608	8.055	7.844	6.135	3.375	0.267	-2.354
541	5.40	-3.740	-3.479	-1.673	1.063	3.805	5.664	6.117	5.191	3.404	1.499
551	5.50	0.109	-0.496	-0.457	-0.165	-0.009	-0.165	-0.546	-0.924	-1.132	-1.210
561	5.60	-1.383	-1.898	-2.786	-3.740	-4.171	-3.480	-1.382	1.867	5.492	8.475
571	5.70	9.969	9.643	7.784	5.114	2.420	0.191	-1.537	-3.061	-4.680	-6.375
581	5.80	-7.677	-7.841	-6.257	-2.870	1.608	5.852	8.614	8.335	5.595	1.176
591	5.90	-3.302	-6.234	-6.674	-4.695	-1.308	2.007	3.934	3.843	1.967	-0.801
601	6.00	-3.366	-4.922	-5.242	-4.668	-3.827	-3.263	-3.150	-3.244	-3.053	-2.139
611	6.10	-0.379	1.944	4.257	5.953	6.649	6.338	5.366	4.164	3.210	2.675
621	6.20	2.488	2.415	2.227	1.818	1.252	0.689	0.273	0.039	-0.106	-0.315
631	6.30	-0.702	-1.259	-1.857	-2.313	-2.483	-2.335	-1.934	-1.377	-0.705	0.131
641	6.40	1.207	2.508	3.803	4.624	4.395	2.681	-0.544	-4.741	-8.880	-11.738
651	6.50	-12.331	-10.297	-6.069	-0.734	4.352	8.047	9.808	9.797	8.697	7.337
661	6.60	6.293	5.667	5.120	4.129	2.334	-0.218	-3.037	-5.380	-6.578	-6.328
671	6.70	-4.825	-2.670	-0.604	0.800	1.347	1.252	0.974	0.969	1.449	2.290
681	6.80	3.089	3.364	2.776	1.286	-0.828	-3.079	-4.969	-6.163	-6.579	-6.369
691	6.90	-5.796	-5.092	-4.355	-3.542	-2.537	-1.268	0.205	1.676	2.865	3.544
701	7.00	3.648	3.309	2.801	2.403	2.262	2.314	2.316	1.965	1.062	-0.377
711	7.10	-2.112	-3.770	-5.005	-5.630	-5.661	-5.258	-4.605	-3.799	-2.820	-1.590
721	7.20	-0.094	1.525	2.973	3.900	4.077	3.513	2.481	1.390	0.592	0.210
731	7.30	0.094	-0.065	-0.528	-1.317	-2.165	-2.648	-2.423	-1.465	-0.124	1.023
741	7.40	1.487	1.168	0.476	0.169	0.963	3.086	6.031	8.643	9.553	7.779
751	7.50	3.219	-3.197	-9.785	-14.714	-16.671	-15.306	-11.284	-5.938	-0.723	3.298
761	7.60	5.704	6.658	6.620	6.017	5.052	3.725	2.001	0.010	-1.885	-3.188
771	7.70	-3.491	-2.706	-1.148	0.562	1.748	1.961	1.158	-0.303	-1.834	-2.873
781	7.80	-3.095	-2.498	-1.346	-0.022	1.132	1.909	2.252	2.191	1.784	1.069
791	7.90	0.077	-1.134	-2.442	-3.654	-4.539	-4.886	-4.571	-3.604	-2.144	-0.479
801	8.00	1.036	2.064	2.389	1.994	1.089	0.060	-0.660	-0.753	-0.156	0.897
811	8.10	1.966	2.591	2.508	1.786	0.810	0.115	0.132	0.978	2.386	3.826
821	8.20	4.734	4.766	3.920	2.490	0.874	-0.644	-2.013	-3.365	-4.827	-6.311
831	8.30	-7.415	-7.529	-6.105	-2.978	1.442	6.209	10.131	12.185	11.876	9.396
841	8.40	5.508	1.239	-2.473	-5.040	-6.280	-6.325	-5.448	-3.944	-2.092	-0.195
851	8.50	1.388	2.291	2.271	1.361	-0.066	-1.388	-1.984	-1.523	-0.148	1.558
861	8.60	2.835	3.116	2.323	0.927	-0.285	-0.611	0.182	1.708	3.131	3.577
871	8.70	2.594	0.415	-2.120	-3.956	-4.334	-3.177	-1.142	0.687	1.325	0.368
881	8.80	-1.798	-4.165	-5.570	-5.224	-3.071	0.201	3.466	5.643	6.116	4.919
891	8.90	2.629	0.058	-2.088	-3.419	-3.877	-3.598	-2.727	-1.317	0.644	3.106
901	9.00	5.833	8.364	10.107	10.531	9.361	6.688	2.956	-1.169	-4.971	-7.837
911	9.10	-9.348	-9.321	-7.821	-5.174	-1.961	1.056	3.086	3.546	2.296	-0.236
921	9.20	-3.143	-5.337	-5.972	-4.808	-2.341	0.388	2.244	2.511	1.233	-0.797
931	9.30	-2.407	-2.602	-1.060	1.700	4.544	6.251	6.095	4.178	1.372	-1.109
941	9.40	-2.295	-1.913	-0.479	0.998	1.549	0.748	-1.070	-2.982	-3.940	-3.289
951	9.50	-1.093	1.894	4.579	6.017	5.806	4.213	1.987	-0.005	-1.142	-1.245
961	9.60	-0.545	0.520	1.537	2.261	2.620	2.619	2.240	1.422	0.131	-1.527
971	9.70	-3.238	-4.537	-4.963	-4.256	-2.492	-0.070	2.430	4.463	5.688	6.028
981	9.80	5.605	4.611	3.204	1.490	-0.418	-2.312	-3.871	-4.738	-4.671	-3.684
991	9.90	-2.086	-0.375	0.971	1.702	1.885	1.820	1.826	2.019	2.204	1.974

Table 7-60-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1252 1323-GR-1-1 U-D (U-D) KUSHIROGAWA EMB. MAX. ACC. = -93.147 (GAL) T= 19.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.948	-0.952	-3.367	-5.592	-6.873	-6.756	-5.321	-3.163	-1.121	0.114
1011	10.10	0.311	-0.231	-0.886	-1.074	-0.592	0.269	0.902	0.749	-0.331	-1.914
1021	10.20	-3.167	-3.256	-1.793	0.905	3.893	5.991	6.318	4.691	1.721	-1.464
1031	10.30	-3.729	-4.417	-3.604	-1.996	-0.536	0.056	-0.383	-1.441	-2.391	-2.594
1041	10.40	-1.838	-0.433	0.967	1.706	1.468	0.434	-0.811	-1.572	-1.374	-0.184
1051	10.50	1.593	3.306	4.363	4.466	3.711	2.485	1.269	0.414	0.027	-0.023
1061	10.60	0.009	-0.111	-0.490	-1.091	-1.776	-2.381	-2.770	-2.857	-2.593	-1.962
1071	10.70	-0.996	0.191	1.382	2.277	2.580	2.122	0.967	-0.560	-1.950	-2.678
1081	10.80	-2.396	-1.069	0.996	3.267	5.159	6.227	6.269	5.333	3.630	1.429
1091	10.90	-1.019	-3.485	-5.728	-7.452	-8.333	-8.100	-6.672	-4.253	-1.333	1.430
1101	11.00	3.420	4.277	4.009	2.959	1.630	0.455	-0.381	-0.972	-1.575	-2.394
1111	11.10	-3.396	-4.253	-4.464	-3.598	-1.553	1.312	4.246	6.370	7.021	6.031
1121	11.20	3.803	1.157	-0.995	-2.011	-1.743	-0.546	0.923	2.022	2.397	2.086
1131	11.30	1.436	0.868	0.635	0.684	0.710	0.345	-0.594	-1.955	-3.262	-3.915
1141	11.40	-3.467	-1.865	0.476	2.810	4.346	4.568	3.451	1.460	-0.641	-2.112
1151	11.50	-2.533	-1.958	-0.863	0.079	0.305	-0.394	-1.785	-3.293	-4.234	-4.103
1161	11.60	-2.770	-0.532	1.998	4.131	5.344	5.462	4.692	3.505	2.419	1.776
1171	11.70	1.590	1.543	1.134	-0.081	-2.247	-5.078	-7.893	-9.837	-10.195	-8.690
1181	11.80	-5.628	-1.823	1.684	4.007	4.740	4.085	2.735	1.540	1.125	1.613
1191	11.90	2.588	3.318	3.126	1.734	-0.569	-3.046	-4.828	-5.310	-4.412	-2.608
1201	12.00	-0.690	0.595	0.867	0.239	-0.800	-1.674	-2.021	-1.843	-1.443	-1.189
1211	12.10	-1.246	-1.442	-1.339	-0.493	1.245	3.553	5.708	6.865	6.447	4.423
1221	12.20	1.356	-1.817	-4.173	-5.163	-4.786	-3.498	-1.928	-0.565	0.433	1.201
1231	12.30	1.973	2.830	3.584	3.854	3.303	1.901	0.032	-1.613	-2.356	-1.880
1241	12.40	-0.427	1.277	2.343	2.159	0.702	-1.424	-3.256	-3.917	-3.023	-0.850
1251	12.50	1.830	4.126	5.454	5.771	5.514	5.293	5.505	6.083	6.512	6.108
1261	12.60	4.408	1.453	-2.165	-5.539	-7.827	-8.606	-8.007	-6.593	-5.063	-3.920
1271	12.70	-3.301	-3.005	-2.701	-2.159	-1.397	-0.644	-0.178	-0.137	-0.418	-0.727
1281	12.80	-0.738	-0.271	0.631	1.742	2.805	3.670	4.345	4.924	5.466	5.787
1291	12.90	5.679	4.860	3.275	1.211	-0.756	-1.995	-2.144	-1.343	-0.237	0.297
1301	13.00	-0.424	-2.496	-5.303	-7.729	-8.639	-7.420	-4.308	-0.339	3.061	6.685
1311	13.10	4.050	1.590	-1.556	-4.051	-4.916	-3.892	-1.468	1.416	3.759	5.073
1321	13.20	5.125	4.230	2.807	1.179	-0.528	-2.311	-4.135	-5.789	-6.884	-6.973
1331	13.30	-5.759	-3.257	0.163	3.872	7.165	9.441	10.320	9.670	7.593	4.402
1341	13.40	0.612	-3.078	-5.872	-7.058	-6.246	-3.575	0.241	4.094	6.855	7.801
1351	13.50	6.892	4.774	2.457	0.844	0.304	0.525	0.718	0.072	-1.763	-4.427
1361	13.60	-6.960	-8.233	-7.489	-4.709	-0.638	3.544	6.739	8.358	8.464	7.578
1371	13.70	6.293	4.919	3.376	1.377	-1.208	-4.059	-6.377	-7.179	-5.796	-2.307
1381	13.80	2.337	6.598	8.945	8.496	5.387	0.718	-3.914	-7.050	-8.056	-7.031
1391	13.90	-4.896	-2.766	-1.463	-1.213	-1.651	-2.098	-1.941	-0.926	0.752	2.568
1401	14.00	3.904	4.289	3.544	1.809	-0.516	-2.869	-4.645	-5.314	-4.552	-2.370
1411	14.10	0.817	4.236	6.937	8.091	7.282	4.686	1.028	-2.671	-5.471	-6.839
1421	14.20	-6.793	-5.814	-4.572	-3.615	-3.173	-3.147	-3.261	-3.274	-3.119	-2.901
1431	14.30	-2.782	-2.832	-2.955	-2.932	-2.554	-1.759	-0.669	0.485	1.514	2.381
1441	14.40	3.205	4.121	5.100	5.844	5.851	4.671	2.206	-1.083	-4.244	-6.168
1451	14.50	-6.076	-3.928	-0.524	2.773	4.620	4.307	2.132	-0.672	-2.427	-1.742
1461	14.60	1.851	7.631	13.897	18.579	19.976	17.340	11.071	2.513	-6.543	-14.414
1471	14.70	-19.926	-22.561	-22.369	-19.758	-15.301	-9.633	-3.435	2.555	7.573	10.955
1481	14.80	12.290	11.564	9.172	5.809	2.253	-0.862	-3.186	-4.664	-5.421	-5.620
1491	14.90	-5.356	-4.661	-3.595	-2.345	-1.259	-0.743	-1.056	-2.099	-3.329	-3.876

Table 7-60-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1252 1323-GR-1-1 U-D (U-D) KUSHIROGAWA EMB. MAX. ACC. = -93.147 (GAL) T= 19.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-2.869	0.146	4.897	10.332	14.900	17.092	16.014	11.777	5.495	-1.104
1511	15.10	-6.310	-9.051	-9.217	-7.592	-5.418	-3.820	-3.360	-3.897	-4.797	-5.348
1521	15.20	-5.132	-4.186	-2.866	-1.539	-0.303	1.079	2.967	5.486	8.227	10.244
1531	15.30	10.394	7.894	2.826	-3.703	-9.872	-13.834	-14.469	-11.856	-7.203	-2.280
1541	15.40	1.395	3.206	3.613	3.762	4.743	6.893	9.507	11.141	10.358	6.535
1551	15.50	0.326	-6.495	-11.741	-13.753	-12.120	-7.828	-2.790	1.021	2.402	1.348
1561	15.60	-1.110	-3.505	-4.663	-4.170	-2.403	-0.151	1.904	3.548	5.047	6.838
1571	15.70	9.101	11.498	13.239	13.439	11.591	7.861	3.070	-1.645	-5.306	-7.431
1581	15.80	-8.103	-7.744	-6.772	-5.365	-3.468	-1.021	1.750	4.225	5.563	5.115
1591	15.90	2.852	-0.448	-3.415	-4.654	-3.388	0.109	4.563	8.198	9.489	7.803
1601	16.00	3.640	-1.628	-6.359	-9.302	-9.995	-8.778	-6.458	-3.865	-1.526	0.402
1611	16.10	1.981	3.273	4.223	4.706	4.683	4.316	3.924	3.782	3.880	3.828
1621	16.20	3.019	0.999	-2.141	-5.604	-8.117	-8.485	-6.231	-1.969	2.721	5.916
1631	16.30	6.203	3.358	-1.503	-6.397	-9.352	-9.282	-6.421	-2.115	1.906	4.401
1641	16.40	5.182	5.100	5.451	7.154	10.124	13.187	14.596	12.890	7.675	-0.072
1651	16.50	-8.336	-14.867	-18.083	-17.655	-14.520	-10.349	-6.749	-4.586	-3.727	-3.281
1661	16.60	-2.184	0.182	3.641	7.298	9.971	10.774	9.543	6.926	4.099	2.233
1671	16.70	1.964	3.100	4.684	5.398	4.123	0.448	-5.090	-11.113	-15.824	-17.577
1681	16.80	-15.406	-9.326	-0.337	9.856	19.283	26.187	29.390	28.507	23.969	16.888
1691	16.90	8.804	1.342	-4.160	-6.983	-7.232	-5.820	-4.180	-3.761	-5.463	-9.215
1701	17.00	-13.903	-17.727	-18.882	-16.322	-10.274	-2.272	5.344	10.284	11.182	8.114
1711	17.10	2.562	-3.175	-6.878	-7.240	-4.333	0.469	5.041	7.300	5.960	0.994
1721	17.20	-6.311	-13.697	-18.556	-18.675	-12.911	-1.642	13.161	28.300	40.117	45.492
1731	17.30	42.767	32.300	16.387	-1.421	-17.418	-28.820	-34.441	-34.722	-31.157	-25.446
1741	17.40	-18.776	-11.570	-3.748	4.704	13.219	20.529	25.017	25.374	21.213	13.311
1751	17.50	3.360	-6.638	-15.015	-20.810	-23.751	-23.948	-21.583	-16.834	-10.096	-2.299
1761	17.60	4.955	9.709	10.369	6.531	-0.555	-8.246	-13.507	-14.287	-10.499	-4.423
1771	17.70	0.372	0.590	-5.082	-15.048	-25.178	-30.425	-27.009	-14.240	4.879	24.588
1781	17.80	38.501	42.053	34.271	18.118	-0.692	-15.884	-22.927	-20.521	-10.761	2.009
1791	17.90	13.060	19.083	19.208	14.950	9.208	4.863	3.595	5.380	8.791	11.854
1801	18.00	13.004	11.685	8.381	4.116	-0.230	-4.420	-8.907	-14.413	-21.272	-28.912
1811	18.10	-35.767	-39.707	-38.817	-32.174	-20.291	-5.041	10.867	24.616	33.914	37.353
1821	18.20	34.488	25.782	12.565	-2.947	-17.713	-28.201	-31.137	-24.555	-8.798	13.019
1831	18.30	35.472	52.223	57.968	50.224	30.255	2.728	-25.761	-48.728	-61.607	-62.709
1841	18.40	-53.117	-35.778	-14.352	7.685	27.418	42.492	51.052	51.918	45.015	31.801
1851	18.50	15.291	-0.585	-12.178	-17.425	-16.626	-12.275	-7.913	-6.503	-9.064	-14.208
1861	18.60	-18.621	-19.538	-14.341	-3.515	10.403	23.614	32.436	34.455	29.019	17.029
1871	18.70	0.373	-18.604	-37.318	-52.930	-62.380	-62.813	-52.427	-31.474	-2.880	28.014
1881	18.80	54.709	71.459	75.109	66.098	48.187	27.009	8.073	-4.973	-11.143	-11.789
1891	18.90	-9.449	-6.523	-4.359	-3.098	-2.154	-0.943	0.595	1.942	2.363	1.409
1901	19.00	-0.779	-3.546	-6.107	-8.007	-9.360	-10.715	-12.623	-15.128	-17.478	-18.225
1911	19.10	-15.715	-8.770	2.682	17.284	32.341	44.321	49.642	45.568	31.026	7.137
1921	19.20	-22.703	-53.282	-78.571	-93.066	-93.147	-78.070	-50.242	-14.679	22.207	54.109
1931	19.30	76.154	85.688	82.410	67.996	45.481	18.686	-8.213	-31.041	-46.092	-50.782
1941	19.40	-44.399	-28.641	-7.552	13.337	28.565	34.484	30.526	19.391	5.996	-4.468
1951	19.50	-8.592	-6.035	0.529	6.782	8.854	5.170	-2.789	-11.173	-15.575	-13.123
1961	19.60	-3.886	9.071	20.988	27.455	26.250	18.147	6.376	-4.937	-12.552	-15.287
1971	19.70	-14.083	-11.078	-8.264	-6.499	-5.371	-3.912	-1.676	0.540	0.818	-2.901
1981	19.80	-11.466	-23.578	-35.854	-43.976	-44.471	-36.234	-21.071	-2.935	13.750	25.869
1991	19.90	32.619	35.278	35.918	35.838	34.588	30.186	20.434	4.627	-15.297	-34.889

Table 7-60-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1252 1323-GR-1-1 U-D (U-D) KUSHIROGAWA EMB. MAX. ACC. = -93.147 (GAL) T= 19.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-48.685	-52.406	-44.844	-28.485	-8.550	9.130	20.422	24.318	22.887	19.857
2011	20.10	18.593	20.486	24.467	27.812	27.691	22.659	13.316	1.914	-8.811	-16.886
2021	20.20	-21.798	-24.324	-25.714	-26.750	-27.258	-26.322	-23.046	-17.362	-10.372	-3.958
2031	20.30	0.162	1.416	0.850	0.733	3.447	10.143	19.842	29.476	34.912	32.589
2041	20.40	21.060	1.803	-21.058	-42.006	-55.850	-59.280	-51.703	-35.166	-13.525	8.753
2051	20.50	27.690	40.507	45.862	43.737	35.181	22.058	6.817	-7.776	-19.049	-24.967
2061	20.60	-24.688	-18.882	-9.628	0.196	7.852	11.671	11.568	8.904	5.719	3.664
2071	20.70	3.152	3.153	1.797	-2.466	-9.703	-17.948	-23.644	-23.007	-13.768	3.488
2081	20.80	25.060	45.170	57.961	59.646	49.903	31.928	11.518	-7.018	-18.831	-23.561
2091	20.90	-23.073	-20.542	-18.768	-18.941	-20.357	-21.107	-19.288	-14.079	-6.159	2.674
2101	21.00	10.394	15.656	18.240	18.885	18.666	16.321	17.902	16.892	14.668	10.975
2111	21.10	6.132	0.866	-4.102	-8.410	-12.125	-15.476	-18.436	-20.444	-20.507	-17.677
2121	21.20	-11.678	-3.317	5.586	12.787	16.461	15.908	11.755	5.591	-0.794	-6.138
2131	21.30	-10.044	-12.786	-14.734	-15.795	-15.228	-12.006	-5.537	3.634	13.605	21.573
2141	21.40	24.853	22.015	13.594	2.038	-9.157	-16.731	-18.821	-15.500	-8.503	-0.315
2151	21.50	6.906	12.073	15.278	17.286	18.762	19.667	19.163	16.073	9.650	0.228
2161	21.60	-10.613	-20.493	-27.121	-29.210	-26.986	-22.040	-16.561	-12.318	-9.844	-8.232
2171	21.70	-5.650	-0.357	8.228	18.925	28.954	34.857	33.823	24.877	9.445	-8.974
2181	21.80	-25.892	-37.275	-40.794	-36.424	-26.222	-13.440	-1.355	7.710	12.850	14.457
2191	21.90	13.667	11.705	9.409	7.084	4.672	2.045	-0.752	-3.439	-5.613	-6.928
2201	22.00	-7.225	-6.545	-5.030	-2.823	-0.037	3.181	6.525	9.466	11.321	11.460
2211	22.10	9.572	5.860	1.049	-3.806	-7.642	-9.683	-9.594	-7.451	-3.584	1.573
2221	22.20	7.521	13.609	18.917	22.251	22.368	18.413	10.423	-0.372	-11.640	-20.513
2231	22.30	-24.473	-22.242	-14.323	-2.941	8.624	17.091	20.220	17.493	10.184	0.843
2241	22.40	-7.586	-12.675	-13.195	-9.322	-2.456	5.272	11.598	14.668	13.437	7.858
2251	22.50	-1.108	-11.692	-21.677	-28.898	-31.759	-29.660	-23.176	-13.905	-4.006	4.430
2261	22.60	9.980	12.237	11.793	9.880	7.832	6.584	6.400	6.928	7.502	7.541
2271	22.70	6.850	5.686	4.590	4.072	4.330	5.117	5.844	5.837	4.648	2.259
2281	22.80	-0.899	-4.108	-6.625	-7.931	-7.859	-6.581	-4.483	-2.018	0.404	2.450
2291	22.90	3.847	4.377	3.903	2.475	0.357	-1.917	-3.686	-4.358	-3.646	-1.688
2301	23.00	0.985	3.674	5.801	7.143	7.881	8.421	9.089	9.847	10.223	9.493
2311	23.10	7.067	2.879	-2.445	-7.756	-11.837	-13.950	-14.177	-13.367	-12.684	-12.948
2321	23.20	-14.123	-15.228	-14.776	-11.562	-5.413	2.474	9.853	14.298	14.256	9.794
2331	23.30	2.665	-4.370	-8.686	-8.868	-5.252	0.344	5.536	8.511	8.827	7.508
2341	23.40	6.400	7.110	10.073	14.200	17.313	17.152	12.688	3.827	-6.664	-15.969
2351	23.50	-21.436	-21.854	-17.923	-11.926	-6.748	-4.652	-6.351	-10.719	-15.276	-17.212
2361	23.60	-14.545	-6.938	4.102	15.764	24.933	29.295	28.123	22.459	14.644	7.393
2371	23.70	2.788	1.569	2.994	5.277	6.409	5.006	0.820	-5.247	-11.612	-16.693
2381	23.80	-19.490	-19.813	-18.106	-15.021	-11.025	-6.265	-0.754	5.263	11.036	15.360
2391	23.90	17.007	15.340	10.787	4.859	-0.391	-3.261	-3.227	-1.266	0.547	0.042
2401	24.00	-3.903	-10.633	-17.819	-22.375	-21.839	-15.546	-5.054	6.412	15.268	19.044
2411	24.10	17.351	11.938	5.820	1.924	1.859	5.357	10.561	14.960	16.487	14.292
2421	24.20	8.882	1.692	-5.635	-11.860	-16.402	-19.199	-20.372	-19.938	-17.760	-13.748
2431	24.30	-8.142	-1.677	4.506	9.184	11.465	11.077	8.415	4.341	-0.125	-4.077
2441	24.40	-6.846	-7.983	-7.197	-4.373	0.319	6.265	12.364	17.189	19.388	18.171
2451	24.50	13.668	6.977	-0.186	-6.086	-9.571	-10.420	-9.269	-7.184	-5.094	-3.382
2461	24.60	-1.810	0.182	3.006	6.547	10.086	12.595	13.239	11.830	8.966	5.777
2471	24.70	3.383	2.327	2.284	2.208	0.851	-2.571	-7.903	-14.003	-19.155	-21.760
2481	24.80	-20.999	-17.147	-11.430	-5.485	-0.705	2.241	3.499	3.746	3.695	3.692
2491	24.90	3.594	2.994	1.638	-0.224	-1.768	-1.910	0.149	4.390	9.766	14.456

Table 7-60-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1252 1323-GR-1-1 U-D (U-D) KUSHIROGAWA EMB. MAX. ACC. = -93.147 (GAL) T= 19.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	16.513	14.655	8.845	0.394	-8.458	-15.334	-18.536	-17.562	-13.147	-6.836
2511	25.10	-0.336	5.067	8.782	10.839	11.553	11.173	9.707	6.997	2.988	-2.011
2521	25.20	-7.232	-11.613	-14.163	-14.348	-12.316	-8.835	-4.988	-1.747	0.355	1.332
2531	25.30	1.583	1.586	1.602	1.543	1.078	-0.108	-2.036	-4.301	-6.159	-6.810
2541	25.40	-5.748	-3.004	0.818	4.756	7.828	9.378	9.256	7.786	5.549	3.109
2551	25.50	0.809	-1.259	-3.130	-4.771	-5.941	-6.219	-5.191	-2.732	0.780	4.459
2561	25.60	7.154	7.882	6.262	2.762	-1.394	-4.657	-5.764	-4.277	-0.814	3.160
2571	25.70	5.903	6.118	3.515	-1.037	-5.834	-9.011	-9.290	-6.485	-1.562	3.767
2581	25.80	7.724	9.137	7.811	4.494	0.459	-3.053	-5.304	-6.224	-6.249	-5.945
2591	25.90	-5.621	-5.138	-4.001	-1.680	1.998	6.591	11.059	14.071	14.498	11.885
2601	26.00	6.714	0.334	-5.435	-8.886	-8.999	-5.782	-0.268	5.851	10.802	13.332
2611	26.10	13.093	10.679	7.312	4.308	2.554	2.197	2.685	3.112	2.702	1.199
2621	26.20	-1.023	-3.178	-4.503	-4.681	-4.025	-3.324	-3.404	-4.637	-6.645	-8.380
2631	26.30	-8.569	-6.326	-1.643	4.495	10.432	14.474	15.542	13.559	9.396	4.443
2641	26.40	0.015	-3.109	-4.831	-5.530	-5.680	-5.526	-4.996	-3.871	-2.120	-0.110
2651	26.50	1.410	1.608	-0.018	-3.314	-7.459	-11.272	-13.703	-14.277	-13.230	-11.315
2661	26.60	-9.347	-7.770	-6.469	-4.930	-2.649	0.439	3.779	6.384	7.313	6.199
2671	26.70	3.534	0.538	-1.346	-1.114	1.321	5.055	8.572	10.394	9.700	6.632
2681	26.80	2.172	-2.326	-5.691	-7.328	-7.287	-6.042	-4.147	-1.971	0.350	2.762
2691	26.90	5.030	6.887	7.621	6.840	4.493	1.044	-2.656	-5.697	-7.483	-7.957
2701	27.00	-7.556	-6.928	-6.561	-6.534	-6.507	-5.967	-4.573	-2.398	0.074	2.205
2711	27.10	3.580	4.277	4.863	6.082	8.387	11.553	14.600	16.116	14.849	10.332
2721	27.20	3.220	-4.816	-11.630	-15.354	-15.052	-11.009	-4.553	2.478	8.399	12.174
2731	27.30	13.594	13.112	11.471	9.338	7.084	4.792	2.415	-0.039	-2.400	-4.375
2741	27.40	-5.666	-6.112	-5.751	-4.795	-3.532	-2.230	-1.085	-0.229	0.248	0.296
2751	27.50	-0.060	-0.661	-1.203	-1.320	-0.744	0.512	2.072	3.271	3.414	2.101
2761	27.60	-0.518	-3.718	-6.439	-7.697	-7.003	-4.569	-1.210	2.027	4.318	5.385
2771	27.70	5.534	5.384	5.456	5.852	6.198	5.888	4.511	2.192	-0.339	-2.042
2781	27.80	-2.073	-0.269	2.673	5.435	6.643	5.500	2.167	-2.303	-6.451	-9.087
2791	27.90	-9.818	-9.175	-8.271	-8.174	-9.316	-11.234	-12.774	-12.664	-10.159	-5.458
2801	28.00	0.325	5.587	8.880	9.441	7.416	3.685	-0.569	-4.316	-6.973	-8.419
2811	28.10	-8.819	-8.382	-7.228	-5.412	-3.053	-0.465	1.842	3.313	3.573	2.615
2821	28.20	0.826	-1.174	-2.800	-3.747	-4.093	-4.205	-4.511	-5.256	-6.367	-7.491
2831	28.30	-8.174	-8.069	-7.087	-5.405	-3.357	-1.273	0.636	2.311	3.780	5.068
2841	28.40	6.134	6.876	7.194	7.064	6.578	5.917	5.264	4.825	4.588	4.527
2851	28.50	4.547	4.548	4.443	4.163	3.642	2.839	1.778	0.598	-0.433	-0.967
2861	28.60	-0.691	0.535	2.580	5.052	7.411	9.162	10.020	9.994	9.334	8.376
2871	28.70	7.376	6.401	5.349	4.068	2.507	0.814	-0.693	-1.661	-1.881	-1.425
2881	28.80	-0.649	-0.066	-0.127	-1.025	-2.594	-4.357	-5.692	-6.059	-5.184	-3.144
2891	28.90	-0.344	2.599	5.015	6.336	6.216	4.610	1.800	-1.640	-4.946	-7.338
2901	29.00	-8.224	-7.385	-5.070	-1.944	1.106	3.259	4.032	3.432	1.927	0.240
2911	29.10	-0.944	-1.236	-0.663	0.389	1.379	1.855	1.624	0.795	-0.323	-1.390
2921	29.20	-2.190	-2.692	-3.002	-3.259	-3.529	-3.773	-3.888	-3.804	-3.550	-3.258
2931	29.30	-3.083	-3.098	-3.213	-3.196	-2.785	-1.842	-0.676	0.963	2.015	2.320
2941	29.40	1.811	0.777	-0.235	-0.666	-0.210	1.018	2.489	3.466	3.303	1.720
2951	29.50	-1.067	-4.411	-7.464	-9.450	-9.891	-8.695	-6.109	-2.591	1.317	5.075
2961	29.60	8.158	10.072	10.392	8.863	5.531	0.846	-4.349	-8.968	-11.943	-12.519
2971	29.70	-10.476	-6.184	-0.499	5.487	10.711	14.374	16.041	15.650	13.432	9.818
2981	29.80	5.353	0.635	-3.739	-7.239	-9.480	-10.296	-9.786	-8.290	-6.303	-4.354
2991	29.90	-2.869	-2.079	-1.982	-2.376	-2.936	-3.321	-3.275	-2.705	-1.708	-0.546

Table 7-60-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1252 1323-GR-1-1 U-D (U-D) KUSHIROGAWA EHB. MAX. ACC. = -93.147 (GAL) T= 19.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	0.440	0.959	0.891	0.369	-0.233	-0.417	0.255	1.972	4.566	7.535
3011	30.10	10.202	11.945	12.609	11.598	9.827	7.540	5.114	2.723	0.340	-2.142
3021	30.20	-4.729	-7.202	-9.114	-9.923	-9.210	-6.874	-3.222	1.089	5.229	8.419
3031	30.30	10.121	10.128	8.571	5.841	2.497	-0.835	-3.557	-5.191	-5.481	-4.460
3041	30.40	-2.467	-0.068	2.105	3.551	4.055	3.722	2.889	1.928	1.058	0.250
3051	30.50	-0.724	-2.120	-4.011	-6.167	-8.077	-9.134	-8.885	-7.236	-4.514	-1.350
3061	30.60	1.547	3.644	4.735	4.954	4.660	4.264	4.082	4.270	4.823	5.619
3071	30.70	6.456	7.072	7.160	6.424	4.676	1.968	-1.324	-4.531	-6.852	-7.633
3081	30.80	-6.630	-4.151	-0.986	1.858	3.523	3.600	2.241	0.032	-2.299	-4.203
3091	30.90	-5.494	-6.330	-7.004	-7.681	-8.228	-8.227	-7.187	-4.851	-1.316	2.737
3101	31.00	5.420	8.856	9.506	8.321	5.705	2.306	-1.230	-4.440	-7.073	-9.010
3111	31.10	-10.140	-10.316	-9.409	-7.451	-4.754	-1.915	0.365	1.645	1.210	-0.027
3121	31.20	-1.533	-2.486	-2.337	-1.069	0.793	2.420	3.067	2.423	0.760	-1.193
3131	31.30	-2.588	-2.844	-1.898	-0.202	1.517	2.622	2.851	2.411	1.819	1.597
3141	31.40	1.980	2.782	3.491	3.545	2.641	0.920	-1.060	-2.551	-2.942	-2.011
3151	31.50	-0.022	2.399	4.510	5.720	5.758	4.696	2.850	0.632	-1.565	-3.414
3161	31.60	-4.650	-5.062	-4.513	-3.015	-0.786	1.735	3.979	5.416	5.732	4.943
3171	31.70	3.369	1.477	-0.321	-1.840	-3.142	-4.430	-5.838	-7.268	-8.339	-8.520
3181	31.80	-7.374	-4.806	-1.200	2.653	5.792	7.407	7.106	5.026	1.751	-1.909
3191	31.90	-5.164	-7.443	-8.462	-8.197	-6.797	-4.516	-1.675	1.340	4.093	6.161
3201	32.00	7.231	7.201	6.231	4.692	3.032	1.611	0.583	-0.118	-0.674	-1.221
3211	32.10	-1.720	-1.927	-1.506	-0.217	1.911	4.504	6.938	8.554	8.908	7.946
3221	32.20	6.022	3.748	1.762	0.502	0.093	0.385	1.086	1.934	2.790	3.627
3231	32.30	4.443	5.145	5.512	5.246	4.124	2.144	-0.391	-2.932	-4.850	-5.668
3241	32.40	-5.226	-3.737	-1.688	0.352	1.929	2.831	3.083	2.853	2.316	1.567
3251	32.50	0.612	-0.560	-1.889	-3.191	-4.192	-4.637	-4.412	-3.619	-2.554	-1.593
3261	32.60	-1.042	-1.014	-1.409	-1.987	-2.500	-2.821	-2.989	-3.160	-3.489	-4.009
3271	32.70	-4.572	-4.888	-4.667	-3.674	-2.034	-0.055	1.749	2.825	2.747	1.347
3281	32.80	-1.219	-4.482	-7.736	-10.173	-11.057	-9.908	-6.662	-1.748	3.954	9.296
3291	32.90	13.155	14.746	13.850	10.858	6.663	2.266	-1.466	-4.072	-5.531	-6.115
3301	33.00	-6.142	-5.769	-4.927	-3.422	-1.145	1.736	4.730	7.153	8.394	8.174
3311	33.10	6.679	4.480	2.291	0.670	-0.187	-0.650	-0.484	-0.588	-0.793	-0.836
3321	33.20	-0.322	1.019	3.116	5.507	7.487	8.598	7.992	6.117	3.547	0.845
3331	33.30	-1.458	-3.132	-4.243	-5.010	-5.584	-5.917	-5.773	-4.885	-3.168	-0.857
3341	33.40	1.507	3.262	3.888	3.224	1.535	-0.600	-2.529	-3.778	-4.196	-3.945
3351	33.50	-3.359	-2.749	-2.272	-1.902	-1.515	-1.019	-0.447	0.039	0.231	0.008
3361	33.60	-0.579	-1.301	-1.840	-1.932	-1.488	-0.637	0.327	1.069	1.347	1.098
3371	33.70	0.433	-0.429	-1.265	-1.932	-2.380	-2.622	-2.663	-2.453	-1.889	-0.882
3381	33.80	0.553	2.223	3.759	4.698	4.648	3.449	1.288	-1.313	-3.639	-5.010
3391	33.90	-5.026	-3.722	-1.573	0.665	2.220	2.575	1.656	-0.160	-2.188	-3.689
3401	34.00	-4.127	-3.330	-1.507	0.866	3.232	5.141	6.341	6.785	6.565	5.826
3411	34.10	4.702	3.311	1.772	0.239	-1.108	-2.092	-2.603	-2.636	-2.287	-1.735
3421	34.20	-1.156	-0.689	-0.414	-0.370	-0.586	-1.093	-1.903	-2.965	-4.120	-5.110
3431	34.30	-5.640	-5.488	-4.615	-3.204	-1.618	-0.261	0.577	0.848	0.755	0.656
3441	34.40	0.882	1.587	2.647	3.707	4.331	4.191	3.208	1.594	-0.242	-1.852
3451	34.50	-2.923	-3.371	-3.338	-3.086	-2.856	-2.753	-2.705	-2.519	-1.992	-1.030
3461	34.60	0.279	1.671	2.789	3.307	3.048	2.052	0.576	-0.989	-2.231	-2.841
3471	34.70	-2.702	-1.910	-0.732	0.486	1.428	1.898	1.870	1.469	0.914	0.438
3481	34.80	0.209	0.298	0.673	1.233	1.858	2.441	2.911	3.229	3.377	3.347
3491	34.90	3.143	2.790	2.341	1.874	1.476	1.212	1.104	1.119	1.181	1.209

Table 7-60-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1252 1323-GR-1-1 U-D (U-D) KUSHIROGAWA EHB. MAX. ACC. = -93.147 (GAL) T= 19.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	1.145	0.986	0.783	0.615	0.559	0.653	0.884	1.192	1.497	1.734
3511	35.10	1.872	1.922	1.920	1.905	1.892	1.861	1.758	1.508	1.048	0.341
3521	35.20	-0.600	-1.709	-2.875	-3.956	-4.804	-5.280	-5.287	-4.778	-3.780	-2.391
3531	35.30	-0.779	0.840	2.240	3.221	3.656	3.524	2.907	1.979	0.949	0.009
3541	35.40	-0.713	-1.175	-1.405	-1.456	-1.354	-1.075	-0.549	0.294	1.453	2.808
3551	35.50	4.113	5.048	5.318	4.766	3.446	1.624	-0.293	-1.888	-2.859	-3.102
3561	35.60	-2.712	-1.918	-0.974	-0.069	0.712	1.365	1.899	2.277	2.393	2.115
3571	35.70	1.368	0.209	-1.145	-2.368	-3.141	-3.279	-2.824	-2.042	-1.324	-1.033
3581	35.80	-1.362	-2.255	-3.442	-4.565	-5.327	-5.615	-5.524	-5.289	-5.147	-5.214
3591	35.90	-5.424	-5.563	-5.385	-4.750	-3.703	-2.484	-1.429	-0.831	-0.819	-1.307
3601	36.00	-2.030	-2.660	-2.925	-2.702	-2.026	-1.065	0.065	1.157	2.134	2.919
3611	36.10	3.424	3.532	3.143	2.249	1.015	-0.202	-0.926	-0.705	0.695	3.157
3621	36.20	6.187	9.021	10.856	11.099	9.561	6.525	2.651	-1.229	-4.349	-6.204
3631	36.30	-6.644	-5.839	-4.176	-2.115	-0.067	1.668	2.924	3.657	3.915	3.823
3641	36.40	3.558	3.314	3.259	3.473	3.915	4.414	4.715	4.562	3.790	2.395
3651	36.50	0.546	-1.460	-3.294	-4.681	-5.474	-5.664	-5.345	-4.658	-3.733	-2.659
3661	36.60	-1.497	-0.302	0.845	1.824	2.500	2.759	2.552	1.920	1.002	-0.002
3671	36.70	-0.877	-1.441	-1.593	-1.333	-0.753	-0.013	0.703	1.235	1.492	1.467
3681	36.80	1.234	0.913	0.619	0.420	0.313	0.233	0.096	-0.150	-0.489	-0.831
3691	36.90	-1.057	-1.077	-0.888	-0.588	-0.346	-0.317	-0.565	-1.013	-1.461	-1.668
3701	37.00	-1.463	-0.837	0.042	0.894	1.447	1.567	1.325	0.968	0.798	1.025
3711	37.10	1.644	2.420	2.978	2.970	2.241	0.912	-0.653	-1.989	-2.718	-2.693
3721	37.20	-2.037	-1.073	-0.160	0.448	0.690	0.664	0.527	0.374	0.169	-0.216
3731	37.30	-0.902	-1.871	-2.905	-3.634	-3.680	-2.835	-1.195	0.841	2.699	3.842
3741	37.40	3.968	3.112	1.597	-0.125	-1.658	-2.796	-3.532	-3.962	-4.146	-4.016
3751	37.50	-3.395	-2.116	-0.182	2.128	4.291	5.700	5.905	4.807	2.730	0.301
3761	37.60	-1.786	-3.043	-3.359	-3.005	-2.470	-2.227	-2.514	-3.252	-4.114	-4.703
3771	37.70	-4.738	-4.178	-3.211	-2.144	-1.257	-0.684	-0.390	-0.226	-0.026	0.309
3781	37.80	0.777	1.301	1.775	2.111	2.253	2.162	1.811	1.181	0.298	-0.742
3791	37.90	-1.762	-2.545	-2.914	-2.810	-2.329	-1.684	-1.106	-0.732	-0.525	-0.297
3801	38.00	0.201	1.139	2.498	4.059	5.479	6.433	6.743	6.428	5.655	4.630
3811	38.10	3.487	2.247	0.870	-0.637	-2.119	-3.258	-3.670	-3.081	-1.486	0.777
3821	38.20	3.113	4.872	5.593	5.169	3.874	2.220	0.735	-0.253	-0.714	-0.865
3831	38.30	-1.017	-1.396	-2.031	-2.772	-3.395	-3.747	-3.834	-3.805	-3.847	-4.052
3841	38.40	-4.332	-4.445	-4.108	-3.165	-1.695	-0.023	1.402	2.187	2.165	1.467
3851	38.50	0.460	-0.412	-0.821	-0.683	-0.171	0.386	0.666	0.507	-0.031	-0.704
3861	38.60	-1.206	-1.308	-0.947	-0.240	0.591	1.327	1.841	2.134	2.299	2.449
3871	38.70	2.640	2.840	2.955	2.893	2.636	2.274	1.988	1.976	2.370	3.170
3881	38.80	4.231	5.314	6.167	6.605	6.554	6.043	5.159	3.989	2.598	1.036
3891	38.90	-0.612	-2.181	-3.424	-4.056	-3.863	-2.798	-1.050	0.983	2.807	3.987
3901	39.00	4.300	3.793	2.749	1.550	0.521	-0.190	-0.633	-0.970	-1.340	-1.733
3911	39.10	-1.958	-1.714	-0.746	0.992	3.252	5.525	7.198	7.760	6.983	4.998
3921	39.20	2.238	-0.720	-3.347	-5.307	-6.507	-7.057	-7.169	-7.056	-6.872	-6.701
3931	39.30	-6.584	-6.546	-6.598	-6.718	-6.836	-6.832	-6.582	-6.017	-5.175	-4.209
3941	39.40	-3.336	-2.746	-2.518	-2.581	-2.749	-2.817	-2.658	-2.297	-1.889	-1.644
3951	39.50	-1.712	-2.103	-2.682	-3.225	-3.534	-3.512	-3.200	-2.717	-2.180	-1.621
3961	39.60	-0.970	-0.108	1.040	2.427	3.859	5.060	5.780	5.904	5.491	4.741
3971	39.70	3.899	3.145	2.546	2.073	1.680	1.387	1.309	1.603	2.360	3.500
3981	39.80	4.734	5.628	5.758	4.879	3.041	0.589	-1.960	-4.086	-5.433	-5.876
3991	39.90	-5.498	-4.485	-3.029	-1.287	0.594	2.402	3.819	4.445	3.928	2.127

Table 7-60-9

TABLE OF CORRECTED ACCELERATION RECORD

NO. 9

INDEX NO. 1252 1323-GR-1-1 U-D (U-D) KUSHIROGAWA EMB. MAX. ACC. = -93.147 (GAL) T= 19.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.758	-4.161	-7.284	-9.326	-9.745	-8.439	-5.767	-2.431	0.759	3.119
4011	40.10	4.252	4.100	2.882	0.993	-1.108	-2.970	-4.189	-4.443	-3.542	-1.493
4021	40.20	1.443	4.758	7.771	9.801	10.358	9.307	6.920	3.801	0.704	-1.700
4031	40.30	-3.006	-3.163	-2.428	-1.234	-0.011	0.948	1.549	1.862	2.042	2.217
4041	40.40	2.431	2.626	2.686	2.515	2.090	1.496	0.895	0.465	0.324	0.473
4051	40.50	0.788	1.065	1.103	0.800	0.212	-0.450	-0.886	-0.823	-0.136	1.082
4061	40.60	2.527	3.777	4.437	4.277	3.320	1.829	0.209	-1.131	-1.915	-2.066
4071	40.70	-1.692	-1.002	-0.198	0.595	1.348	2.083	2.791	3.378	3.660	3.426
4081	40.80	2.535	1.007	-0.938	-2.923	-4.531	-5.440	-5.531	-4.929	-3.942	-2.943
4091	40.90	-2.230	-1.922	-1.936	-2.052	-2.022	-1.697	-1.101	-0.425	0.052	0.085
4101	41.00	-0.430	-1.397	-2.559	-3.590	-4.228	-4.372	-4.112	-3.676	-3.325	-3.232
4111	41.10	-3.414	-3.727	-3.947	-3.872	-3.419	-2.652	-1.744	-0.892	-0.227	0.227
4121	41.20	0.535	0.777	0.969	1.034	0.825	0.225	-0.751	-1.900	-2.855	-3.203
4131	41.30	-2.646	-1.131	1.100	3.577	5.754	7.189	7.671	7.247	6.161	4.723
4141	41.40	3.199	1.749	0.450	-0.643	-1.438	-1.797	-1.583	-0.754	0.575	2.119
4151	41.50	3.507	4.404	4.639	4.266	3.525	2.731	2.131	1.811	1.685	1.574
4161	41.60	1.333	0.945	0.557	0.408	0.709	1.525	2.720	4.000	5.016	5.511
4171	41.70	5.408	4.820	3.986	3.156	2.490	2.016	1.657	1.308	0.912	0.497
4181	41.80	0.162	0.014	0.105	0.392	0.752	1.034	1.125	0.999	0.715	0.384
4191	41.90	0.102	-0.089	-0.227	-0.397	-0.689	-1.142	-1.717	-2.300	-2.737	-2.888
4201	42.00	-2.683	-2.160	-1.468	-0.848	-0.572	-0.868	-1.843	-3.421	-5.340	-7.200
4211	42.10	-8.563	-9.088	-8.642	-7.348	-5.554	-3.709	-2.218	-1.302	-0.945	-0.931
4221	42.20	-0.971	-0.843	-0.495	-0.056	0.229	0.154	-0.345	-1.136	-1.930	-2.406
4231	42.30	-2.345	-1.722	-0.711	0.398	1.322	1.892	2.097	2.050	1.902	1.762
4241	42.40	1.647	1.503	1.266	0.924	0.542	0.239	0.119	0.206	0.423	0.622
4251	42.50	0.654	0.447	0.041	-0.434	-0.833	-1.066	-1.146	-1.172	-1.263	-1.485
4261	42.60	-1.804	-2.109	-2.284	-2.284	-2.178	-2.124	-2.280	-2.698	-3.267	-3.736
4271	42.70	-3.823	-3.355	-2.375	-1.148	-0.064	0.532	0.494	-0.051	-0.764	-1.239
4281	42.80	-1.193	-0.582	0.388	1.372	2.043	2.237	2.005	1.549	1.108	0.838
4291	42.90	0.756	0.785	0.841	0.928	1.155	1.678	2.581	3.779	4.999	5.868
4301	43.00	6.073	5.514	4.372	3.048	1.995	1.525	1.679	2.223	2.775	2.996
4311	43.10	2.746	2.129	1.417	0.884	0.652	0.625	0.544	0.139	-0.716	-1.917
4321	43.20	-3.166	-4.108	-4.502	-4.323	-3.768	-3.140	-2.691	-2.503	-2.461	-2.340
4331	43.30	-1.951	-1.269	-0.476	0.111	0.185	-0.402	-1.557	-2.970	-4.229	-4.971
4341	43.40	-5.003	-4.338	-3.156	-1.711	-0.243	1.073	2.127	2.845	3.165	3.043
4351	43.50	2.479	1.553	0.437	-0.633	-1.426	-1.778	-1.662	-1.085	-0.248	0.717
4361	43.60	1.690	2.593	3.378	3.989	4.356	4.403	4.088	3.446	2.597	1.719
4371	43.70	0.985	0.504	0.275	0.207	0.168	0.058	-0.142	-0.360	-0.472	-0.371
4381	43.80	-0.017	0.539	1.182	1.787	2.274	2.635	2.920	3.194	3.482	3.742
4391	43.90	3.870	3.739	3.259	2.421	1.324	0.150	-0.875	-1.547	-1.743	-1.461
4401	44.00	-0.827	-0.075	0.511	0.672	0.260	-0.703	-2.003	-3.279	-4.114	-4.174
4411	44.10	-3.319	-1.678	0.373	2.314	3.632	3.985	3.296	1.772	-0.177	-2.073
4421	44.20	-3.513	-4.268	-4.311	-3.777	-2.880	-1.833	-0.787	0.174	1.015	1.717
4431	44.30	2.241	2.537	2.553	2.266	1.702	0.947	0.127	-0.613	-1.141	-1.367
4441	44.40	-1.258	-0.843	-0.212	0.503	1.155	1.612	1.792	1.684	1.353	0.917
4451	44.50	0.507	0.219	0.078	0.032	-0.027	-0.206	-0.554	-1.025	-1.470	-1.684
4461	44.60	-1.473	-0.729	0.519	2.094	3.719	5.087	5.942	6.147	5.703	4.733
4471	44.70	3.431	2.010	0.649	-0.527	-1.449	-2.095	-2.470	-2.596	-2.504	-2.233
4481	44.80	-1.827	-1.331	-0.795	-0.274	0.164	0.428	0.410	0.011	-0.823	-2.054
4491	44.90	-3.531	-4.999	-6.167	-6.798	-6.801	-6.282	-5.524	-4.888	-4.681	-5.025

Table 7-60-10

TABLE OF CORRECTED ACCELERATION RECORD

NO.10

INDEX NO. 1252 1323-GR-1-1 U-D (U-D) KUSHIROGAWA EMB. MAX. ACC. = -93.147 (GAL) T= 19.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-5.803	-6.691	-7.285	-7.254	-6.478	-5.086	-3.406	-1.828	-0.654	0.004
4511	45.10	0.234	0.246	0.248	0.343	0.486	0.533	0.339	-0.137	-0.782	-1.361
4521	45.20	-1.611	-1.359	-0.596	0.512	1.698	2.698	3.349	3.626	3.614	3.441
4531	45.30	3.197	2.908	2.553	2.121	1.674	1.357	1.360	1.832	2.793	4.091
4541	45.40	5.435	6.491	7.008	6.908	6.310	5.468	4.657	4.054	3.668	3.359
4551	45.50	2.916	2.167	1.072	-0.256	-1.592	-2.687	-3.361	-3.548	-3.297	-2.716
4561	45.60	-1.918	-0.984	0.032	1.073	2.035	2.763	3.084	2.875	2.130	0.998
4571	45.70	-0.251	-1.301	-1.898	-1.933	-1.474	-0.721	0.067	0.673	0.976	0.965
4581	45.80	0.704	0.280	-0.237	-0.808	-1.402	-1.970	-2.435	-2.702	-2.700	-2.422
4591	45.90	-1.940	-1.387	-0.916	-0.646	-0.627	-0.843	-1.241	-1.767	-2.385	-3.070
4601	46.00	-3.776	-4.408	-4.817	-4.834	-4.336	-3.306	-1.862	-0.236	1.294	2.492
4611	46.10	3.225	3.480	3.330	2.877	2.206	1.364	0.392	-0.635	-1.586	-2.285
4621	46.20	-2.564	-2.340	-1.662	-0.706	0.276	1.046	1.466	1.527	1.330	1.021
4631	46.30	0.720	0.483	0.303	0.152	0.026	-0.034	0.040	0.300	0.735	1.257
4641	46.40	1.728	2.013	2.030	1.777	1.315	0.726	0.076	-0.594	-1.246	-1.808
4651	46.50	-2.155	-2.136	-1.645	-0.706	0.483	1.572	2.172	2.005	1.032	-0.497
4661	46.60	-2.122	-3.332	-3.754	-3.296	-2.159	-0.747	0.505	1.300	1.567	1.437
4671	46.70	1.145	0.887	0.729	0.590	0.306	-0.257	-1.128	-2.196	-3.257	-4.103
4681	46.80	-4.602	-4.736	-4.585	-4.260	-3.844	-3.352	-2.743	-1.968	-1.022	0.029
4691	46.90	1.059	1.930	2.549	2.905	3.071	3.171	3.328	3.620	4.052	4.569
4701	47.00	5.076	5.472	5.671	5.621	5.302	4.733	3.973	3.122	2.312	1.678
4711	47.10	1.325	1.291	1.524	1.894	2.228	2.369	2.236	1.847	1.310	0.787
4721	47.20	0.420	0.288	0.374	0.580	0.769	0.816	0.653	0.284	-0.227	-0.791
4731	47.30	-1.323	-1.767	-2.101	-2.320	-2.425	-2.415	-2.293	-2.039	-1.717	-1.385
4741	47.40	-1.128	-1.023	-1.103	-1.339	-1.634	-1.854	-1.878	-1.642	-1.181	-0.624
4751	47.50	-0.161	0.023	-0.187	-0.784	-1.634	-2.507	-3.156	-3.391	-3.143	-2.485
4761	47.60	-1.603	-0.734	-0.089	0.209	0.147	-0.191	-0.670	-1.152	-1.536	-1.769
4771	47.70	-1.837	-1.739	-1.474	-1.040	-0.445	0.271	1.036	1.751	2.325	2.707
4781	47.80	2.909	2.998	3.070	3.203	3.427	3.705	3.957	4.095	4.057	3.836
4791	47.90	3.471	3.026	2.559	2.100	1.653	1.212	0.779	0.378	0.050	-0.173
4801	48.00	-0.276	-0.280	-0.224	-0.141	-0.043	0.093	0.301	0.597	0.948	1.264
4811	48.10	1.419	1.296	0.837	0.074	-0.869	-1.813	-2.578	-3.035	-3.141	-2.942
4821	48.20	-2.551	-2.121	-1.802	-1.718	-1.939	-2.463	-3.206	-4.003	-4.642	-4.910
4831	48.30	-4.665	-3.885	-2.702	-1.361	-0.156	0.671	1.009	0.912	0.570	0.233
4841	48.40	0.115	0.330	0.862	1.601	2.393	3.100	3.633	3.950	4.037	3.884
4851	48.50	3.484	2.841	1.995	1.036	0.088	-0.710	-1.248	-1.461	-1.343	-0.926
4861	48.60	-0.270	0.550	1.438	2.268	2.887	3.145	2.942	2.282	1.293	0.207
4871	48.70	-0.720	-1.300	-1.487	-1.393	-1.233	-1.220	-1.458	-1.893	-2.333	-2.545
4881	48.80	-2.366	-1.792	-0.985	-0.203	0.305	0.404	0.115	-0.416	-0.999	-1.484
4891	48.90	-1.813	-2.005	-2.108	-2.140	-2.065	-1.817	-1.361	-0.746	-0.122	0.310
4901	49.00	0.374	0.004	-0.719	-1.600	-2.409	-2.969	-3.216	-3.192	-2.985	-2.661
4911	49.10	-2.222	-1.620	-0.819	0.134	1.082	1.792	2.050	1.769	1.045	0.140
4921	49.20	-0.624	-1.092	-0.930	-0.549	-0.125	0.083	-0.047	-0.449	-0.906	-1.173
4931	49.30	-1.104	-0.724	-0.213	0.197	0.350	0.246	0.043	-0.042	0.143	0.586
4941	49.40	1.101	1.415	1.308	0.733	-0.142	-1.006	-1.538	-1.560	-1.111	-0.428
4951	49.50	0.171	0.439	0.301	-0.117	-0.563	-0.783	-0.634	-0.131	0.583	1.322
4961	49.60	1.946	2.406	2.735	2.986	3.176	3.266	3.181	2.874	2.375	1.798
4971	49.70	1.300	0.999	0.905	0.904	0.801	0.416	-0.322	-1.322	-2.354	-3.138
4981	49.80	-3.455	-3.236	-2.584	-1.730	-0.933	-0.390	-0.173	-0.228	-0.422	-0.614
4991	49.90	-0.711	-0.688	-0.582	-0.452	-0.349	-0.293	-0.275	-0.269	-0.249	-0.205

Table 7-60-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1252 1323-GR-1-1 U-D (U-D) KUSHIROGAWA EHB. MAX. ACC. = -93.147 (GAL) T= 19.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.143	-0.083	-0.055	-0.083	-0.184	-0.369	-0.544	-0.714	-0.797	-0.747
5011	50.10	-0.561	-0.282	0.013	0.249	0.391	0.474	0.589	0.845	1.311	1.963
5021	50.20	2.681	3.284	3.610	3.589	3.283	2.860	2.522	2.406	2.516	2.721
5031	50.30	2.818	2.634	2.122	1.398	0.695	0.265	0.262	0.671	1.315	1.930
5041	50.40	2.285	2.276	1.953	1.477	1.027	0.698	0.460	0.185	-0.275	-0.985
5051	50.50	-1.873	-2.738	-3.330	-3.460	-3.085	-2.336	-1.471	-0.772	-0.445	-0.554
5061	50.60	-1.016	-1.658	-2.294	-2.788	-3.080	-3.164	-3.055	-2.760	-2.272	-1.603
5071	50.70	-0.816	-0.035	0.575	0.871	0.796	0.421	-0.073	-0.461	-0.569	-0.350
5081	50.80	0.092	0.549	0.811	0.761	0.442	0.044	-0.180	-0.021	0.585	1.529
5091	50.90	2.573	3.442	3.933	3.989	3.704	3.266	2.877	2.673	2.686	2.859
5101	51.00	3.086	3.267	3.333	3.258	3.037	2.675	2.183	1.591	0.968	0.426
5111	51.10	0.097	0.091	0.442	1.078	1.823	2.449	2.743	2.577	1.949	0.974
5121	51.20	-0.152	-1.211	-2.021	-2.467	-2.511	-2.187	-1.588	-0.853	-0.153	0.339
5131	51.30	0.475	0.184	-0.504	-1.446	-2.425	-3.207	-3.625	-3.628	-3.298	-2.812
5141	51.40	-2.371	-2.123	-2.120	-2.316	-2.612	-2.920	-3.204	-3.491	-3.837	-4.268
5151	51.50	-4.729	-5.081	-5.134	-4.720	-3.775	-2.378	-0.749	0.814	2.027	2.695
5161	51.60	2.770	2.340	1.586	0.714	-0.100	-0.747	-1.180	-1.396	-1.409	-1.233
5171	51.70	-0.885	-0.396	0.177	0.751	1.231	1.534	1.619	1.500	1.246	0.961
5181	51.80	0.758	0.726	0.911	1.299	1.823	2.372	2.815	3.029	2.926	2.482
5191	51.90	1.745	0.831	-0.100	-0.885	-1.398	-1.592	-1.501	-1.231	-0.920	-0.690
5201	52.00	-0.612	-0.689	-0.861	-1.039	-1.137	-1.107	-0.954	-0.727	-0.508	-0.376
5211	52.10	-0.388	-0.558	-0.852	-1.191	-1.470	-1.585	-1.460	-1.076	-0.480	0.219
5221	52.20	0.879	1.370	1.607	1.581	1.353	1.026	0.694	0.410	0.163	-0.099
5231	52.30	-0.433	-0.850	-1.290	-1.627	-1.717	-1.458	-0.845	0.009	0.900	1.594
5241	52.40	1.907	1.763	1.213	0.417	-0.425	-1.132	-1.600	-1.813	-1.829	-1.732
5251	52.50	-1.598	-1.459	-1.308	-1.121	-0.881	-0.609	-0.365	-0.231	-0.279	-0.532
5261	52.60	-0.950	-1.429	-1.830	-2.026	-1.951	-1.624	-1.154	-0.700	-0.420	-0.413
5271	52.70	-0.680	-1.121	-1.574	-1.863	-1.866	-1.550	-0.977	-0.272	0.417	0.977
5281	52.80	1.351	1.551	1.629	1.658	1.695	1.770	1.884	2.011	2.108	2.124
5291	52.90	2.008	1.722	1.258	0.653	-0.005	-0.592	-0.974	-1.055	-0.814	-0.316

Table 7-61-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1253 1323-GR-1-1 HB. (HB.) KUSHIROGAWA EMB. MAX. ACC. = -102.472 (GAL) T= 18.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-4.673	-6.605	-7.340	-7.002	-6.004	-4.858	-3.985	-3.586	-3.624	-3.912
11	0.10	-4.238	-4.474	-4.603	-4.694	-4.823	-5.013	-5.219	-5.360	-5.381	-5.293
21	0.20	-5.181	-5.157	-5.302	-5.616	-6.011	-6.354	-6.528	-6.487	-6.277	-6.000
31	0.30	-5.765	-5.625	-5.547	-5.426	-5.134	-4.577	-3.742	-2.708	-1.623	-0.656
41	0.40	0.051	0.420	0.442	0.173	-0.305	-0.903	-1.553	-2.211	-2.854	-3.467
51	0.50	-4.029	-4.507	-4.857	-5.037	-5.020	-4.800	-4.396	-3.833	-3.138	-2.327
61	0.60	-1.423	-0.476	0.409	1.064	1.292	0.923	-0.101	-1.661	-3.454	-5.053
71	0.70	-6.030	-6.103	-5.245	-3.710	-1.958	-0.500	0.277	0.237	-0.475	-1.508
81	0.80	-2.453	-3.003	-3.059	-2.747	-2.340	-2.136	-2.333	-2.957	-3.859	-4.777
91	0.90	-5.432	-5.605	-5.156	-4.226	-2.815	-1.146	0.578	2.154	3.403	4.181
101	1.00	4.399	4.046	3.196	2.017	0.744	-0.366	-1.082	-1.263	-0.888	-0.067
111	1.10	0.989	2.022	2.791	3.131	2.987	2.403	1.502	0.434	-0.657	-1.655
121	1.20	-2.466	-3.009	-3.206	-2.993	-2.349	-1.330	-0.089	1.139	2.084	2.523
131	1.30	2.345	1.592	0.454	-0.789	-1.845	-2.487	-2.597	-2.180	-1.344	-0.262
141	1.40	0.862	1.822	2.442	2.605	2.289	1.587	0.703	-0.089	-0.516	-0.392
151	1.50	0.315	1.469	2.804	4.001	4.787	4.996	4.600	3.684	2.407	0.956
161	1.60	-0.481	-1.726	-2.614	-3.009	-2.830	-2.074	-0.835	0.722	2.390	3.980
171	1.70	5.350	6.405	7.071	7.268	6.903	5.908	4.303	2.251	0.074	-1.819
181	1.80	-3.049	-3.400	-2.904	-1.826	-0.556	0.546	1.292	1.715	2.005	2.377
191	1.90	2.917	3.507	3.850	3.610	2.580	0.821	-1.302	-3.213	-4.304	-4.139
201	2.00	-2.613	-0.003	3.098	5.929	7.767	8.112	6.820	4.148	0.692	-2.748
211	2.10	-5.367	-6.554	-6.037	-3.935	-0.707	2.989	6.475	9.198	10.802	11.128
221	2.20	10.165	7.994	4.784	0.825	-3.430	-7.366	-10.291	-11.610	-11.012	-8.608
231	2.30	-4.935	-0.819	2.871	5.475	6.701	6.645	5.671	4.226	2.681	1.262
241	2.40	0.072	-0.832	-1.381	-1.490	-1.125	-0.366	0.566	1.367	1.783	1.732
251	2.50	1.362	0.993	0.965	1.461	2.405	3.483	4.297	4.556	4.231	3.561
261	2.60	2.936	2.688	2.911	3.396	3.715	3.420	2.253	0.274	-2.141	-4.439
271	2.70	-6.081	-6.701	-6.195	-4.703	-2.536	-0.089	2.224	4.007	4.926	4.763
281	2.80	3.493	1.342	-1.221	-3.595	-5.224	-5.801	-5.381	-4.364	-3.316	-2.710
291	2.90	-2.703	-3.042	-3.179	-2.525	-0.763	1.951	4.973	7.379	8.300	7.267
301	3.00	4.400	0.393	-3.715	-6.883	-8.391	-8.039	-6.157	-3.457	-0.791	1.099
311	3.10	1.758	1.100	-0.617	-2.875	-5.040	-6.506	-6.842	-5.895	-3.845	-1.164
321	3.20	1.500	3.512	4.638	4.188	3.035	1.511	0.202	-0.466	-0.391	0.185
331	3.30	0.790	0.933	0.322	-0.993	-2.616	-3.935	-4.339	-3.443	-1.234	1.897
341	3.40	5.254	8.021	9.480	9.205	7.170	3.769	-0.273	-4.071	-6.788	-7.844
351	3.50	-7.068	-4.743	-1.534	1.689	4.093	5.102	4.541	2.652	-0.005	-2.744
361	3.60	-6.952	-6.236	-6.486	-5.846	-4.619	-3.161	-1.783	-0.697	0.007	0.351
371	3.70	0.444	0.438	0.482	0.660	0.957	1.250	1.357	1.110	0.447	-0.538
381	3.80	-1.615	-2.505	-3.006	-3.091	-2.930	-2.815	-3.004	-3.581	-4.373	-5.003
391	3.90	-5.047	-4.229	-2.573	-0.420	1.690	3.228	3.883	3.671	2.895	1.992
401	4.00	1.322	1.018	0.946	0.805	0.297	-0.702	-2.063	-3.440	-4.404	-4.617
411	4.10	-3.969	-2.617	-0.930	0.651	1.755	2.199	2.018	1.427	0.720	0.157
421	4.20	-0.121	-0.121	0.035	0.185	0.205	0.065	-0.176	-0.432	-0.665	-0.936
431	4.30	-1.397	-2.198	-3.355	-4.648	-5.606	-5.626	-4.197	-1.150	3.187	8.011
441	4.40	12.255	14.929	15.450	13.828	10.630	6.738	3.007	-0.018	-2.218	-3.814
451	4.50	-5.132	-6.362	-7.423	-8.007	-7.759	-6.497	-4.353	-1.763	0.693	2.513
461	4.60	3.450	3.562	3.120	2.433	1.692	0.897	-0.085	-1.389	-3.001	-4.694
471	4.70	-6.057	-6.627	-6.061	-4.269	-1.472	1.828	4.966	7.263	8.177	7.431
481	4.80	5.089	1.562	-2.454	-6.127	-8.676	-9.571	-8.674	-6.268	-2.965	0.494
491	4.90	3.453	5.519	6.613	6.912	6.697	6.211	5.562	4.731	3.657	2.338

Table 7-61-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1253 1323-GR-1-1 HB. (HB.) KUSHIROGAWA EMB. MAX. ACC. = -102.472 (GAL) T= 18.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.893	-0.444	-1.410	-1.819	-1.640	-1.013	-0.190	0.558	1.032	1.147
511	5.10	0.922	0.436	-0.226	-1.002	-1.844	-2.692	-3.443	-3.955	-4.078	-3.700
521	5.20	-2.807	-1.493	0.028	1.530	2.791	3.681	4.185	4.384	4.396	4.320
531	5.30	4.154	3.804	3.120	1.980	0.392	-1.443	-3.143	-4.240	-4.343	-3.305
541	5.40	-1.322	1.083	3.203	4.376	4.219	2.770	0.488	-1.899	-3.636	-4.184
551	5.50	-3.379	-1.457	1.052	3.504	5.323	6.137	5.828	4.518	2.512	0.219
561	5.60	-1.915	-3.484	-4.199	-3.948	-2.839	-1.184	0.579	2.012	2.810	2.890
571	5.70	2.403	1.659	0.992	0.636	0.646	0.898	1.161	1.197	0.843	0.055
581	5.80	-1.101	-2.483	-3.908	-5.182	-6.111	-6.522	-6.292	-5.390	-3.910	-2.070
591	5.90	-0.161	1.532	2.819	3.644	4.079	4.247	4.240	4.066	3.661	2.957
601	6.00	1.976	0.888	-0.018	-0.437	-0.184	0.693	1.904	3.011	3.605	3.478
611	6.10	2.713	1.644	0.705	0.230	0.295	0.682	0.971	0.734	-0.276	-2.002
621	6.20	-4.093	-6.040	-7.364	-7.792	-7.339	-6.279	-5.016	-3.923	-3.215	-2.886
631	6.30	-2.750	-2.531	-1.981	-0.970	0.471	2.168	3.861	5.274	6.188	6.482
641	6.40	6.154	5.314	4.149	2.886	1.743	0.892	0.427	0.361	0.639	1.159
651	6.50	1.803	2.450	2.989	3.317	3.338	2.976	2.197	1.035	-0.385	-1.851
661	6.60	-3.102	-3.886	-4.040	-3.541	-2.525	-1.258	-0.066	0.754	1.014	0.676
671	6.70	-0.146	-1.227	-2.295	-3.092	-3.431	-3.222	-2.482	-1.321	0.079	1.502
681	6.80	2.738	3.620	4.050	4.011	3.553	2.758	1.720	0.513	-0.793	-2.123
691	6.90	-3.362	-4.352	-4.909	-4.876	-4.186	-2.904	-1.237	0.510	2.023	3.054
701	7.00	3.490	3.354	2.773	1.907	0.894	-0.176	-1.251	-2.278	-3.169	-3.793
711	7.10	-4.005	-3.695	-2.841	-1.546	-0.027	1.425	2.502	2.958	2.656	1.611
721	7.20	-0.002	-1.870	-3.598	-4.798	-5.193	-4.709	-3.519	-2.004	-0.642	0.162
731	7.30	0.226	-0.324	-1.101	-1.597	-1.397	-0.350	1.361	3.286	4.889	5.761
741	7.40	5.773	5.099	4.118	3.230	2.681	2.476	2.404	2.166	1.520	0.400
751	7.50	-1.066	-2.609	-3.926	-4.776	-5.037	-4.705	-3.870	-2.685	-1.347	-0.086
761	7.60	0.863	1.306	1.166	0.538	-0.304	-0.979	-1.132	-0.583	0.577	1.998
771	7.70	3.187	3.703	3.320	2.118	0.439	-1.262	-2.589	-3.345	-3.559	-3.412
781	7.80	-3.111	-2.772	-2.368	-1.800	-0.973	0.090	1.220	2.143	2.585	2.398
791	7.90	1.621	0.481	-0.691	-1.578	-1.978	-1.861	-1.363	-0.720	-0.187	0.039
801	8.00	-0.130	-0.659	-1.398	-2.130	-2.623	-2.696	-2.267	-1.382	-0.211	1.004
811	8.10	2.019	2.652	2.830	2.590	2.042	1.319	0.531	-0.255	-1.004	-1.693
821	8.20	-2.297	-2.787	-3.147	-3.384	-3.516	-3.549	-3.432	-3.056	-2.282	-1.020
831	8.30	0.687	2.612	4.376	5.557	5.851	5.202	3.850	2.252	0.915	0.201
841	8.40	0.200	0.723	1.422	1.964	2.183	2.137	2.029	2.071	2.331	2.682
851	8.50	2.854	2.577	1.734	0.439	-0.993	-2.187	-2.868	-2.977	-2.674	-2.240
861	8.60	-1.929	-1.851	-1.936	-1.999	-1.859	-1.443	-0.824	-0.171	0.345	0.648
871	8.70	0.791	0.922	1.191	1.676	2.341	3.064	3.702	4.151	4.372	4.368
881	8.80	4.130	3.611	2.735	1.462	-0.144	-1.871	-3.394	-4.369	-4.556	-3.912
891	8.90	-2.607	-0.954	0.708	2.130	3.197	3.908	4.292	4.334	3.949	3.027
901	9.00	1.522	-0.468	-2.667	-4.686	-6.132	-6.730	-6.403	-5.264	-3.557	-1.564
911	9.10	0.460	2.298	3.754	4.621	4.699	3.865	2.158	-0.149	-2.564	-4.490
921	9.20	-5.411	-5.068	-3.571	-1.372	0.885	2.570	3.266	2.872	1.585	-0.205
931	9.30	-2.063	-3.624	-4.653	-5.046	-4.795	-3.966	-2.698	-1.203	0.247	1.367
941	9.40	1.945	1.926	1.450	0.818	0.387	0.440	1.083	2.216	3.600	4.962
951	9.50	6.104	6.948	7.498	7.758	7.650	6.998	5.594	3.324	0.285	-3.166
961	9.60	-6.474	-9.037	-10.394	-10.363	-9.084	-6.949	-4.459	-2.084	-0.154	1.158
971	9.70	1.811	1.840	1.323	0.383	-0.802	-1.996	-2.938	-3.404	-3.276	-2.581
981	9.80	-1.468	-0.146	1.200	2.454	3.575	4.542	5.294	5.704	5.615	4.924
991	9.90	3.669	2.070	0.483	-0.720	-1.294	-1.223	-0.714	-0.108	0.277	0.272

Table 7-61-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1253 1323-GR-1-1 HB. (HB.) KUSHIROGAWA EHB. MAX. ACC. = -102.472 (GAL) T= 18.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.095	-0.666	-1.174	-1.556	-1.799	-2.000	-2.252	-2.541	-2.729	-2.605
1011	10.10	-2.019	-0.985	0.282	1.435	2.149	2.266	1.871	1.241	0.702	0.454
1021	10.20	0.439	0.560	0.418	-0.111	-0.961	-1.839	-2.366	-2.270	-1.538	-0.440
1031	10.30	0.596	1.191	1.208	0.817	0.402	0.357	0.868	1.797	2.744	3.242
1041	10.40	2.994	2.045	0.768	-0.297	-0.701	-0.302	0.474	1.739	2.381	2.303
1051	10.50	1.555	0.488	-0.421	-0.811	-0.594	0.012	0.617	0.859	0.576	-0.121
1061	10.60	-0.924	-1.484	-1.575	-1.188	-0.505	0.201	0.705	0.901	0.809	0.497
1071	10.70	0.003	-0.715	-1.742	-3.120	-4.750	-6.351	-7.511	-7.813	-6.992	-5.052
1081	10.80	-2.285	0.809	3.674	5.856	7.116	7.454	7.065	6.238	5.264	4.361
1091	10.90	3.645	3.138	2.781	2.470	2.087	1.533	0.762	-0.197	-1.239	-2.212
1101	11.00	-2.972	-3.435	-3.611	-3.592	-3.503	-3.433	-3.388	-3.293	-3.036	-2.547
1111	11.10	-1.866	-1.147	-0.611	-0.452	-0.736	-1.365	-2.109	-2.699	-2.947	-2.824
1121	11.20	-2.454	-2.048	-1.781	-1.702	-1.708	-1.597	-1.182	-0.396	0.655	1.727
1131	11.30	2.543	2.916	2.838	2.484	2.130	2.034	2.316	2.908	3.585	4.040
1141	11.40	4.104	3.645	2.788	1.779	0.908	0.413	0.402	0.828	1.517	2.231
1151	11.50	2.741	2.887	2.615	1.972	1.074	0.066	-0.933	-1.857	-2.701	-3.496
1161	11.60	-4.270	-5.006	-5.625	-6.001	-6.009	-5.583	-4.765	-3.711	-2.648	-1.794
1171	11.70	-1.273	-1.064	-1.004	-0.861	-0.429	0.373	1.467	2.634	3.611	4.195
1181	11.80	4.328	4.119	3.786	3.562	3.586	3.845	4.178	4.349	4.153	3.505
1191	11.90	2.477	1.270	0.136	-0.722	-1.214	-1.378	-1.342	-1.245	-1.171	-1.121
1201	12.00	-1.022	-0.794	-0.405	0.079	0.509	0.702	0.515	-0.087	-1.014	-2.079
1211	12.10	-3.066	-3.807	-4.231	-4.373	-4.333	-4.221	-4.103	-3.988	-3.840	-3.619
1221	12.20	-3.315	-2.955	-2.583	-2.215	-1.815	-1.297	-0.568	0.417	1.598	2.813
1231	12.30	3.839	4.476	4.626	4.360	3.787	3.182	2.687	2.363	2.062	1.690
1241	12.40	1.103	0.284	-0.638	-1.442	-1.902	-1.892	-1.537	-0.702	0.185	0.725
1251	12.50	1.125	1.302	1.338	1.301	1.187	0.910	0.360	-0.520	-1.659	-2.851
1261	12.60	-3.806	-4.253	-4.040	-3.190	-1.883	-0.379	1.084	2.358	3.405	4.253
1271	12.70	4.931	5.404	5.576	5.331	4.606	3.458	2.080	0.746	-0.269	-0.792
1281	12.80	-0.807	-0.455	0.030	0.406	0.507	0.284	-0.210	-0.861	-1.554	-2.204
1291	12.90	-2.769	-3.228	-3.551	-3.690	-3.584	-3.195	-2.538	-1.703	-0.843	-0.135
1301	13.00	0.274	0.322	0.051	-0.403	-0.858	-1.149	-1.185	-0.974	-0.617	-0.254
1311	13.10	-0.011	0.067	0.026	-0.008	0.105	0.448	0.986	1.558	1.911	1.796
1321	13.20	1.086	-0.256	-1.940	-3.626	-4.922	-5.532	-5.356	-4.520	-3.328	-2.160
1331	13.30	-1.351	-1.085	-1.350	-1.960	-2.619	-3.017	-2.907	-2.166	-0.803	1.049
1341	13.40	3.175	5.322	7.244	8.743	9.693	10.052	9.848	9.156	8.057	6.617
1351	13.50	4.884	2.902	0.748	-1.443	-3.471	-5.116	-6.190	-6.604	-6.402	-5.742
1361	13.60	-4.837	-3.871	-2.940	-2.041	-1.119	-0.155	0.773	1.467	1.676	1.209
1371	13.70	0.061	-1.528	-3.103	-4.121	-4.137	-2.963	-0.745	2.079	4.919	7.221
1381	13.80	8.619	9.018	8.567	7.568	6.351	5.179	4.204	3.473	2.960	2.605
1391	13.90	2.325	2.025	1.597	0.939	-0.013	-1.247	-2.651	-4.026	-5.129	-5.747
1401	14.00	-5.753	-5.144	-4.032	-2.604	-1.060	0.429	1.753	2.857	3.711	4.287
1411	14.10	4.529	4.350	3.651	2.351	0.438	-1.988	-4.687	-7.291	-9.357	-10.472
1421	14.20	-10.361	-8.994	-6.614	-3.693	-0.801	1.557	3.087	3.769	3.825	3.599
1431	14.30	3.404	3.412	3.614	3.873	4.026	3.976	3.732	3.376	2.987	2.579
1441	14.40	2.084	1.409	0.523	-0.470	-1.329	-1.757	-1.538	-0.666	0.615	1.874
1451	14.50	2.649	2.629	1.777	0.346	-1.226	-2.493	-3.159	-3.169	-2.693	-2.024
1461	14.60	-1.452	-1.165	-1.220	-1.563	-2.087	-2.662	-3.148	-3.382	-3.175	-2.348
1471	14.70	-0.805	1.382	3.926	6.354	8.122	8.784	8.142	6.319	3.728	0.922
1481	14.80	-1.581	-3.452	-4.613	-5.197	-5.425	-5.481	-5.433	-5.237	-4.811	-4.125
1491	14.90	-3.269	-2.433	-1.829	-1.578	-1.620	-1.714	-1.514	-0.713	0.811	2.916

Table 7-61-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1253 1323-GR-1-1 HB. (HB.) KUSHIROGAWA EHB. MAX. ACC. = -102.472 (GAL) T= 18.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	5.218	7.207	8.410	8.548	7.611	5.843	3.666	1.448	-0.408	-1.714
1511	15.10	-2.402	-2.499	-2.089	-1.301	-0.314	0.633	1.263	1.321	0.662	-0.674
1521	15.20	-2.442	-4.255	-5.710	-6.540	-6.713	-6.432	-6.039	-5.854	-6.019	-6.439
1531	15.30	-6.817	-6.792	-6.102	-4.694	-2.743	-0.575	1.463	3.110	4.241	4.834
1541	15.40	4.907	4.462	3.494	2.045	0.280	-1.482	-2.826	-3.373	-2.942	-1.658
1551	15.50	0.064	1.651	2.596	2.657	1.955	0.916	0.092	-0.072	0.590	1.923
1561	15.60	3.540	5.006	6.011	6.465	6.473	6.220	5.834	5.303	4.487	3.209
1571	15.70	1.392	-0.857	-3.229	-5.301	-6.664	-7.056	-6.431	-4.960	-2.958	-0.791
1581	15.80	1.207	2.775	3.742	4.022	3.611	2.601	1.175	-0.410	-1.881	-3.029
1591	15.90	-3.781	-4.229	-4.583	-5.072	-5.819	-6.750	-7.594	-7.965	-7.518	-6.088
1601	16.00	-3.771	-0.899	2.078	4.739	6.807	8.181	8.882	8.963	8.436	7.269
1611	16.10	5.457	3.122	0.571	-1.739	-3.322	-3.839	-3.226	-1.719	0.249	2.226
1621	16.20	3.908	5.207	6.190	6.938	7.396	7.334	6.437	4.488	1.556	-1.936
1631	16.30	-5.308	-7.861	-9.139	-9.092	-8.061	-6.588	-5.153	-3.984	-3.006	-1.977
1641	16.40	-0.695	0.834	2.362	3.517	3.990	3.676	2.675	1.157	-0.824	-3.423
1651	16.50	-6.927	-11.505	-16.922	-22.374	-26.580	-28.167	-26.096	-20.113	-10.841	0.445
1661	16.60	12.278	23.495	33.518	42.312	50.064	56.763	61.922	64.604	63.737	58.588
1671	16.70	49.152	36.265	21.405	6.258	-7.739	-19.700	-29.315	-36.666	-41.946	-45.248
1681	16.80	-46.524	-45.695	-42.826	-38.245	-32.523	-26.325	-20.202	-14.439	-9.024	-3.757
1691	16.90	1.568	6.976	12.205	16.727	19.854	20.915	19.429	15.243	8.604	0.153
1701	17.00	-9.154	-18.210	-25.954	-31.587	-34.722	-35.437	-34.204	-31.719	-28.698	-25.710
1711	17.10	-23.091	-20.954	-19.263	-17.892	-16.653	-15.273	-13.363	-10.435	-5.996	0.288
1721	17.20	8.414	17.949	28.050	37.638	45.637	51.210	53.879	53.503	50.130	43.825
1731	17.30	34.561	22.267	7.021	-10.670	-29.645	-48.039	-63.494	-73.616	-76.569	-71.612
1741	17.40	-59.407	-41.944	-22.123	-3.041	12.693	23.469	28.823	29.209	25.554	18.823
1751	17.50	9.787	-0.897	-12.401	-23.437	-32.211	-36.733	-35.437	-27.811	-14.808	1.287
1761	17.60	17.497	31.080	40.376	45.205	46.669	46.455	45.997	45.874	45.720	44.634
1771	17.70	41.855	37.326	31.857	26.826	23.578	22.851	24.505	27.669	31.173	34.011
1781	17.80	35.575	35.589	33.841	29.965	23.489	14.176	2.505	-10.027	-21.030	-27.840
1791	17.90	-28.425	-22.100	-10.248	4.825	19.969	32.621	41.460	46.537	48.780	49.168
1801	18.00	48.005	44.650	37.842	26.450	10.251	-9.625	-30.837	-50.478	-65.982	-75.873
1811	18.10	-80.086	-79.752	-76.573	-72.064	-66.973	-61.063	-53.310	-42.402	-27.345	-7.966
1821	18.20	14.821	39.075	62.166	81.329	94.270	99.686	97.541	89.019	76.151	61.219
1831	18.30	46.118	31.884	18.545	5.340	-8.776	-24.551	-41.960	-60.045	-77.072	-90.962
1841	18.40	-99.835	-102.472	-98.599	-88.932	-75.027	-59.014	-43.277	-30.122	-21.445	-18.404
1851	18.50	-21.141	-28.620	-38.679	-48.380	-54.625	-54.944	-48.227	-35.166	-18.202	-0.950
1861	18.60	12.794	20.149	20.016	13.414	3.178	-6.909	-13.240	-13.423	-6.908	4.956
1871	18.70	19.386	32.986	42.635	46.237	43.179	34.457	22.478	10.576	2.299	0.548
1881	18.80	6.731	20.163	37.974	55.660	68.251	71.790	64.625	48.026	25.832	3.175
1891	18.90	-15.246	-26.717	-31.266	-31.346	-30.625	-32.409	-38.366	-48.050	-59.330	-69.419
1901	19.00	-75.964	-77.725	-74.613	-67.244	-56.381	-42.631	-26.569	-9.127	8.099	22.942
1911	19.10	33.260	37.790	36.822	32.291	27.106	23.973	24.215	27.148	30.333	30.604
1921	19.20	25.448	14.095	-2.103	-20.142	-36.400	-47.758	-52.348	-49.711	-40.485	-25.914
1931	19.30	-7.493	13.096	33.866	52.466	66.407	73.632	73.230	65.983	54.433	42.332
1941	19.40	33.629	31.315	36.518	48.144	63.147	77.313	86.320	86.783	77.085	57.811
1951	19.50	31.706	3.139	-22.868	-41.870	-51.171	-50.586	-42.487	-31.043	-20.841	-15.353
1961	19.60	-15.822	-20.970	-27.674	-32.290	-32.105	-26.288	-16.016	-3.758	7.832	16.946
1971	19.70	23.058	26.664	28.559	29.079	27.759	23.586	15.713	4.239	-9.398	-22.841
1981	19.80	-32.625	-37.199	-35.723	-29.267	-20.132	-10.911	-3.497	1.526	4.895	8.091
1991	19.90	12.471	18.470	25.221	30.714	32.442	28.264	17.192	-0.178	-21.689	-44.091

Table 7-61-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1253 1323-GR-1-1 HB. (HB.) KUSHIROGAWA EMB. MAX. ACC. = -102.472 (GAL) T= 18.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-63.784	-77.610	-83.486	-80.737	-70.069	-53.252	-32.627	-10.593	10.809	30.110
2011	20.10	46.449	59.457	69.072	75.361	78.392	78.169	74.635	67.722	57.445	44.013
2021	20.20	27.949	10.155	-8.111	-25.380	-40.230	-51.579	-58.907	-62.326	-62.431	-60.007
2031	20.30	-55.692	-49.762	-42.139	-32.622	-21.236	-8.535	4.327	15.787	24.307	28.850
2041	20.40	29.224	26.167	21.010	15.454	10.927	8.380	8.172	10.156	13.840	18.498
2051	20.50	23.208	26.833	28.063	25.605	18.537	6.738	-8.787	-25.864	-41.509	-52.630
2061	20.60	-56.891	-53.455	-43.322	-29.131	-14.446	-2.741	3.586	3.868	-0.725	-7.645
2071	20.70	-13.824	-16.644	-14.711	-8.190	1.365	11.606	20.195	25.525	27.162	25.857
2081	20.80	23.173	20.864	20.231	21.661	24.492	27.243	28.113	25.583	18.923	8.443
2091	20.90	-4.605	-18.417	-31.193	-41.658	-49.359	-54.640	-58.300	-61.080	-63.197	-64.134
2101	21.00	-62.785	-57.935	-48.867	-35.860	-20.325	-4.508	9.170	18.874	23.931	24.975
2111	21.10	23.613	21.751	20.850	21.426	22.970	24.284	24.072	21.507	16.543	9.876
2121	21.20	2.623	-4.107	-9.543	-13.359	-15.569	-16.321	-15.724	-13.830	-10.730	-6.709
2131	21.30	-2.302	1.790	4.936	6.831	7.649	7.998	8.672	10.312	13.128	16.810
2141	21.40	20.653	23.857	25.839	26.436	25.916	24.820	23.720	23.021	22.874	23.213
2151	21.50	23.867	24.666	25.368	25.801	25.585	24.212	21.109	15.829	8.282	-1.086
2161	21.60	-11.267	-20.857	-28.368	-32.622	-33.060	-29.899	-24.046	-16.815	-9.520	-3.089
2171	21.70	2.168	6.558	10.762	15.427	20.748	26.210	30.604	32.362	30.092	23.155
2181	21.80	12.040	-1.618	-15.416	-26.850	-34.046	-36.280	-34.112	-29.085	-23.119	-17.865
2191	21.90	-14.122	-11.917	-10.542	-9.105	-6.965	-3.976	-0.444	3.138	6.429	9.455
2201	22.00	12.583	16.285	20.804	25.921	30.937	34.918	37.083	37.148	35.470	32.898
2211	22.10	30.393	28.587	27.475	26.393	24.287	20.168	13.562	4.759	-5.217	-14.912
2221	22.20	-22.876	-28.066	-30.089	-29.223	-26.277	-22.345	-18.578	-15.985	-15.277	-16.732
2231	22.30	-20.074	-24.422	-28.366	-30.228	-28.499	-22.341	-11.973	1.235	15.050	26.990
2241	22.40	35.058	38.331	37.150	32.849	27.128	21.331	15.958	10.602	4.351	-3.565
2251	22.50	-13.157	-23.424	-32.569	-38.632	-40.252	-37.250	-30.768	-22.911	-16.041	-11.995
2261	22.60	-11.555	-14.312	-18.956	-23.823	-27.461	-29.007	-28.296	-25.716	-21.950	-17.723
2271	22.70	-13.640	-10.132	-7.461	-5.721	-4.824	-4.488	-4.259	-3.620	-2.147	0.325
2281	22.80	3.622	7.267	10.648	13.230	14.735	15.205	14.911	14.185	13.214	11.936
2291	22.90	10.047	7.129	2.838	-2.926	-9.923	-17.578	-25.059	-31.414	-35.713	-37.199
2301	23.00	-35.417	-30.324	-22.342	-12.330	-1.455	9.021	17.991	24.715	28.914	30.731
2311	23.10	30.577	28.929	26.177	22.573	18.272	13.437	8.312	3.233	-1.453	-5.486
2321	23.20	-8.771	-11.364	-13.389	-14.923	-15.928	-16.274	-15.852	-14.689	-13.009	-11.161
2331	23.30	-9.445	-7.913	-6.269	-3.935	-0.293	5.010	11.844	19.577	27.303	34.204
2341	23.40	39.884	44.492	48.548	52.547	56.525	59.804	61.098	58.955	52.380	41.364
2351	23.50	27.077	11.609	-2.656	-13.795	-20.926	-24.387	-25.462	-25.779	-26.636	-28.535
2361	23.60	-31.076	-33.224	-33.819	-32.076	-27.906	-21.943	-15.291	-9.129	-4.326	-1.194
2371	23.70	0.550	1.632	2.945	5.244	8.895	13.745	19.143	24.097	27.556	28.723
2381	23.80	27.320	23.720	18.885	14.108	10.663	9.325	10.333	13.160	16.814	20.172
2391	23.90	22.342	22.908	21.974	20.004	17.544	14.958	12.269	9.171	5.202	-0.036
2401	24.00	-6.657	-14.394	-22.619	-30.467	-37.033	-41.547	-43.532	-42.886	-39.905	-35.236
2411	24.10	-29.761	-24.427	-20.034	-17.043	-15.450	-14.787	-14.263	-13.026	-10.453	-6.380
2421	24.20	-1.177	4.357	9.247	12.659	14.146	13.759	11.978	9.504	7.001	4.897
2431	24.30	3.294	2.021	0.769	-0.741	-2.638	-4.864	-7.209	-9.384	-11.091	-12.066
2441	24.40	-12.084	-10.957	-8.539	-4.759	0.326	6.487	13.306	20.202	26.514	31.589
2451	24.50	34.888	36.057	34.972	31.744	26.692	20.280	13.027	5.403	-2.265	-9.840
2461	24.60	-17.338	-24.824	-32.240	-39.275	-45.315	-49.555	-51.244	-49.982	-45.957	-39.994
2471	24.70	-33.360	-27.391	-23.046	-20.591	-19.532	-18.829	-17.320	-14.175	-9.194	-2.852
2481	24.80	3.922	10.114	14.975	18.224	20.027	20.825	21.100	21.201	21.294	21.405
2491	24.90	21.505	21.552	21.470	21.092	20.130	18.238	15.160	10.908	5.861	0.711

Table 7-61-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1253 1323-GR-1-1 HB. (HB.) KUSHIROGAWA EMB. MAX. ACC. = -102.472 (GAL) T= 18.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-3.744	-6.888	-8.536	-8.993	-8.912	-8.976	-9.570	-10.573	-11.386	-11.182
2511	25.10	-9.266	-5.402	0.049	6.209	11.960	16.288	18.559	18.657	16.941	14.088
2521	25.20	10.877	8.004	5.950	4.912	4.790	5.215	5.629	5.398	3.969	1.024
2531	25.30	-3.404	-8.895	-14.712	-19.948	-23.724	-25.358	-24.491	-21.139	-15.671	-8.754
2541	25.40	-1.245	5.924	11.904	16.075	18.171	18.332	17.052	15.022	12.917	11.198
2551	25.50	10.012	9.223	8.563	7.828	7.034	6.457	6.531	7.659	10.003	13.347
2561	25.60	17.083	20.333	22.143	21.724	18.647	12.962	5.230	-3.571	-12.218	-19.501
2571	25.70	-24.499	-26.800	-26.595	-24.605	-21.830	-19.213	-17.340	-16.281	-15.660	-14.900
2581	25.80	-13.534	-11.450	-8.931	-6.499	-4.631	-3.508	-2.912	-2.366	-1.281	0.585
2591	25.90	3.199	6.234	9.317	12.265	15.198	18.418	22.130	26.144	29.734	31.777
2601	26.00	31.150	27.216	20.197	11.221	2.028	-5.593	-10.379	-11.972	-10.940	-8.463
2611	26.10	-5.833	-3.989	-3.268	-3.443	-3.999	-4.473	-4.715	-4.951	-5.665	-7.245
2621	26.20	-9.930	-13.480	-17.308	-20.633	-22.726	-23.140	-21.838	-19.196	-15.880	-12.640
2631	26.30	-10.096	-8.564	-7.985	-7.969	-7.952	-7.388	-5.932	-3.532	-0.409	3.064
2641	26.40	6.521	9.738	12.666	15.378	17.946	20.327	22.318	23.604	23.883	22.997
2651	26.50	21.018	18.234	15.062	11.922	9.135	6.888	5.258	4.267	3.926	4.234
2661	26.60	5.149	6.552	8.241	9.969	11.502	12.670	13.365	13.493	12.907	11.384
2671	26.70	8.679	4.653	-0.569	-6.505	-12.365	-17.239	-20.390	-21.521	-20.903	-19.290
2681	26.80	-17.648	-16.779	-17.023	-18.128	-19.363	-19.812	-18.750	-15.923	-11.662	-6.780
2691	26.90	-2.303	0.846	2.112	1.439	-0.762	-3.764	-6.755	-9.072	-10.369	-10.698
2701	27.00	-10.463	-10.272	-10.708	-12.081	-14.256	-16.608	-18.163	-17.888	-15.046	-9.498
2711	27.10	-1.818	6.816	14.949	21.263	24.936	25.797	24.253	21.017	16.787	12.003
2721	27.20	6.801	1.146	-4.936	-11.170	-16.992	-21.702	-24.717	-25.828	-25.288	-23.718
2731	27.30	-21.825	-20.100	-18.617	-17.041	-14.847	-11.634	-7.389	-2.555	2.124	5.924
2741	27.40	8.466	9.896	10.822	12.044	14.190	17.438	21.440	25.478	28.776	30.813
2751	27.50	31.488	31.085	30.068	28.822	27.480	25.917	23.899	21.294	18.217	15.031
2761	27.60	12.193	10.026	8.545	7.434	6.185	4.348	1.761	-1.363	-4.511	-7.088
2771	27.70	-8.657	-9.096	-8.589	-7.492	-6.140	-4.699	-3.144	-1.344	0.804	3.275
2781	27.80	5.903	8.459	10.746	12.650	14.102	14.982	15.027	13.844	11.042	6.457
2791	27.90	0.342	-6.577	-13.253	-18.629	-21.990	-23.189	-22.641	-21.077	-19.178	-17.263
2801	28.00	-15.189	-12.500	-8.766	-3.922	1.550	6.724	10.538	12.210	11.532	8.943
2811	28.10	5.339	1.734	-1.073	-2.685	-3.087	-2.490	-1.135	0.812	3.236	5.963
2821	28.20	8.649	10.779	11.785	11.257	9.122	5.706	1.638	-2.370	-5.756	-8.250
2831	28.30	-9.879	-10.852	-11.402	-11.685	-11.775	-11.725	-11.650	-11.734	-12.139	-12.874
2841	28.40	-13.684	-14.058	-13.388	-11.218	-7.480	-2.606	2.570	7.066	10.081	11.261
2851	28.50	10.781	9.240	7.402	5.920	5.121	4.948	5.028	4.837	3.878	1.814
2861	28.60	-1.465	-5.725	-10.611	-15.511	-19.759	-22.753	-24.103	-23.736	-21.921	-19.178
2871	28.70	-16.102	-13.156	-10.534	-8.143	-5.723	-3.048	-0.097	2.869	5.390	6.983
2881	28.80	7.341	6.459	4.610	2.228	-0.268	-2.580	-4.538	-6.012	-6.797	-6.570
2891	28.90	-4.975	-1.795	2.840	8.356	13.798	18.072	20.267	19.932	17.204	12.722
2901	29.00	7.394	2.109	-2.481	-6.042	-8.497	-9.698	-10.307	-9.742	-8.210	-5.771
2911	29.10	-2.581	1.115	5.045	8.977	12.749	16.238	19.288	21.661	23.032	23.087
2921	29.20	21.642	18.760	14.769	10.172	5.485	1.059	-2.998	-6.800	-10.540	-14.334
2931	29.30	-18.105	-21.586	-24.423	-26.311	-27.097	-26.780	-25.423	-23.041	-19.534	-14.746
2941	29.40	-8.612	-1.343	6.471	13.919	19.988	23.884	25.305	24.557	22.454	20.025
2951	29.50	18.160	17.330	17.480	18.142	18.671	18.516	17.409	15.396	12.747	9.797
2961	29.60	6.809	3.923	1.178	-1.405	-3.760	-5.758	-7.240	-8.083	-8.244	-7.767
2971	29.70	-6.742	-5.257	-3.369	-1.114	1.437	4.128	6.691	8.776	10.026	10.183
2981	29.80	9.156	7.047	4.120	0.715	-2.824	-6.210	-9.227	-11.716	-13.539	-14.563
2991	29.90	-14.673	-13.799	-11.964	-9.312	-6.121	-2.767	0.333	2.797	4.361	4.929

Table 7-61-7

TABLE OF CORRECTED ACCELERATION RECORD

NO. 7

INDEX NO. 1253 1323-GR-1-1 HB. (HB.) KUSHIROGAWA EMB. MAX. ACC. = -102.472 (GAL) T= 18.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	4.602	3.651	2.457	1.419	0.862	0.963	1.726	2.991	4.487	5.895
3011	30.10	6.908	7.272	6.814	5.462	3.259	0.373	-2.918	-6.272	-9.358	-11.954
3021	30.20	-14.004	-15.626	-17.034	-18.401	-19.728	-20.783	-21.151	-20.403	-18.313	-15.031
3031	30.30	-11.117	-7.399	-4.702	-3.550	-3.949	-5.373	-6.944	-7.732	-7.078	-4.790
3041	30.40	-1.165	3.158	7.435	11.037	13.579	14.943	15.213	14.596	13.359	11.804
3051	30.50	10.248	8.981	8.191	7.871	7.785	7.523	6.653	4.940	2.507	-0.120
3061	30.60	-2.150	-2.806	-1.626	1.321	5.420	9.700	13.158	15.077	15.219	13.818
3071	30.70	11.398	8.518	5.556	2.627	-0.352	-3.506	-6.844	-10.177	-13.152	-15.365
3081	30.80	-16.494	-16.386	-15.072	-12.722	-9.592	-5.997	-2.317	0.989	3.404	4.451
3091	30.90	3.846	1.655	-1.628	-5.142	-7.883	-8.998	-8.069	-5.260	-1.257	2.974
3101	31.00	6.514	8.793	9.720	9.634	9.076	8.524	8.183	7.925	7.396	6.218
3111	31.10	4.195	1.422	-1.737	-4.797	-7.336	-9.136	-10.236	-10.868	-11.333	-11.869
3121	31.20	-12.573	-13.400	-14.215	-14.855	-15.167	-15.012	-14.236	-12.653	-10.072	-6.370
3131	31.30	-1.584	4.010	9.896	15.392	19.804	22.593	23.517	22.684	20.516	17.637
3141	31.40	14.713	12.314	10.808	10.305	10.664	11.532	12.419	12.808	12.262	10.540
3151	31.50	7.668	3.952	-0.084	-3.837	-6.778	-8.598	-9.266	-9.003	-8.160	-7.067
3161	31.60	-5.901	-4.645	-3.125	-1.139	1.402	4.367	7.386	9.916	11.392	11.371
3171	31.70	9.671	6.424	2.041	-2.861	-7.698	-11.850	-14.965	-16.905	-17.751	-17.744
3181	31.80	-17.193	-16.388	-15.524	-14.679	-13.827	-12.883	-11.770	-10.458	-8.984	-7.429
3191	31.90	-5.880	-4.398	-2.993	-1.646	-0.338	0.914	2.045	2.955	3.553	3.797
3201	32.00	3.717	3.411	3.007	2.612	2.278	2.004	1.760	1.530	1.341	1.268
3211	32.10	1.397	1.784	2.414	3.200	4.016	4.757	5.385	5.953	6.576	7.378
3221	32.20	8.430	9.715	11.138	12.567	13.881	15.004	15.896	16.511	16.756	16.479
3231	32.30	15.502	13.700	11.088	7.865	4.396	1.111	-1.618	-3.595	-4.845	-5.562
3241	32.40	-6.001	-6.345	-6.626	-6.726	-6.463	-5.709	-4.485	-2.975	-1.468	-0.234
3251	32.50	0.584	1.008	1.192	1.318	1.480	1.632	1.605	1.199	0.293	-1.082
3261	32.60	-2.754	-4.480	-6.056	-7.382	-8.459	-9.321	-9.931	-10.128	-9.650	-8.254
3271	32.70	-5.874	-2.740	0.605	3.426	5.016	4.927	3.127	0.013	-3.716	-7.288
3281	32.80	-10.072	-11.735	-12.263	-11.879	-10.903	-9.615	-8.179	-6.632	-4.930	-3.018
3291	32.90	-0.885	1.394	3.660	5.681	7.187	7.923	7.711	6.513	4.477	1.939
3301	33.00	-0.647	-2.817	-4.246	-4.847	-4.808	-4.525	-4.462	-4.980	-6.214	-8.029
3311	33.10	-10.081	-11.932	-13.179	-13.534	-12.842	-11.041	-8.111	-4.064	1.032	6.982
3321	33.20	13.408	19.753	25.363	29.627	32.136	32.781	31.761	29.479	26.392	22.856
3331	33.30	19.051	14.996	10.655	6.052	1.370	-3.062	-6.844	-9.653	-11.360	-12.083
3341	33.40	-12.143	-11.944	-11.820	-11.933	-12.245	-12.589	-12.789	-12.778	-12.657	-12.663
3351	33.50	-13.059	-14.001	-15.430	-17.053	-18.413	-19.032	-18.566	-16.914	-14.241	-10.925
3361	33.60	-7.430	-4.192	-1.526	0.406	1.572	2.033	1.903	1.338	0.537	-0.260
3371	33.70	-0.796	-0.849	-0.305	0.790	2.226	3.682	4.829	5.453	5.538	5.284
3381	33.80	5.048	5.224	6.110	7.803	10.156	12.811	15.292	17.117	17.916	17.507
3391	33.90	15.929	13.419	10.350	7.137	4.142	1.588	-0.479	-2.174	-3.707	-5.280
3401	34.00	-6.990	-8.777	-10.436	-11.689	-12.294	-12.147	-11.317	-10.017	-8.505	-6.970
3411	34.10	-5.447	-3.808	-1.828	0.701	3.853	7.501	11.330	14.916	17.848	19.832
3421	34.20	20.748	20.651	19.719	18.182	16.262	14.139	11.949	9.793	7.745	5.855
3431	34.30	4.145	2.605	1.199	-0.117	-1.380	-2.608	-3.805	-4.976	-6.145	-7.353
3441	34.40	-8.642	-10.027	-11.464	-12.840	-13.994	-14.754	-14.998	-14.680	-13.831	-12.530
3451	34.50	-10.847	-8.808	-6.388	-3.550	-0.317	3.171	6.626	9.650	11.824	12.822
3461	34.60	12.517	11.017	8.638	5.809	2.949	0.368	-1.780	-3.683	-4.807	-5.819
3471	34.70	-6.533	-6.906	-6.866	-6.363	-5.404	-4.060	-2.444	-0.668	1.175	3.012
3481	34.80	4.758	6.283	7.402	7.911	7.668	6.675	5.131	3.414	1.985	1.240
3491	34.90	1.375	2.314	3.744	5.234	6.398	7.039	7.185	7.043	6.859	6.779

Table 7-61-8

TABLE OF CORRECTED ACCELERATION RECORD

NO. 8

INDEX NO. 1253 1323-GR-1-1 HB. (HB.) KUSHIROGAWA EMB. MAX. ACC. = -102.472 (GAL) T= 18.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	6.761	6.594	5.995	4.755	2.854	0.488	-1.989	-4.192	-5.831	-6.785
3511	35.10	-7.100	-6.918	-6.396	-5.652	-4.768	-3.826	-2.960	-2.354	-2.193	-2.571
3521	35.20	-3.416	-4.470	-5.366	-5.759	-5.473	-4.582	-3.386	-2.281	-1.584	-1.395
3531	35.30	-1.556	-1.741	-1.622	-1.046	-0.124	0.799	1.297	1.057	0.028	-1.534
3541	35.40	-3.159	-4.322	-4.654	-4.030	-2.588	-0.640	1.459	3.424	5.074	6.311
3551	35.50	7.054	7.189	6.574	5.095	2.745	-0.320	-3.784	-7.250	-10.347	-12.829
3561	35.60	-14.616	-15.765	-16.380	-16.523	-16.159	-15.176	-13.464	-11.015	-7.997	-4.755
3571	35.70	-1.737	0.630	2.067	2.524	2.180	1.374	0.481	-0.194	-0.504	-0.463
3581	35.80	-0.210	0.078	0.270	0.340	0.385	0.590	1.170	2.285	3.976	6.127
3591	35.90	8.476	10.670	12.353	13.264	13.308	12.585	11.356	9.964	8.730	7.870
3601	36.00	7.441	7.353	7.417	7.423	7.195	6.628	5.684	4.382	2.776	0.960
3611	36.10	-0.920	-2.660	-4.013	-4.745	-4.717	-3.958	-2.704	-1.356	-0.369	-0.109
3621	36.20	-0.721	-2.085	-3.852	-5.585	-6.920	-7.694	-7.991	-8.081	-8.289	-8.851
3631	36.30	-9.815	-11.039	-12.251	-13.162	-13.556	-13.337	-12.508	-11.129	-9.267	-6.993
3641	36.40	-4.406	-1.675	0.950	3.175	4.739	5.511	5.543	5.050	4.319	3.590
3651	36.50	2.956	2.340	1.565	0.476	-0.932	-2.466	-3.777	-4.490	-4.353	-3.345
3661	36.60	-1.686	0.257	2.111	3.632	4.761	5.599	6.305	6.987	7.640	8.146
3671	36.70	8.348	8.133	7.489	6.511	5.360	4.208	3.196	2.444	2.066	2.193
3681	36.80	2.949	4.382	6.387	8.652	10.694	11.985	12.131	11.028	8.938	6.411
3691	36.90	4.099	2.518	1.858	1.934	2.287	2.404	1.949	0.917	-0.364	-1.378
3701	37.00	-1.640	-0.911	0.704	2.798	4.813	6.248	6.818	6.524	5.596	4.374
3711	37.10	3.163	2.133	1.296	0.556	-0.217	-1.107	-2.116	-3.170	-4.159	-4.983
3721	37.20	-5.591	-5.992	-6.249	-6.460	-6.729	-7.147	-7.765	-8.571	-9.474	-10.304
3731	37.30	-10.840	-10.855	-10.186	-8.791	-6.783	-4.415	-2.026	0.048	1.560	2.415
3741	37.40	2.679	2.550	2.280	2.105	2.182	2.566	3.218	4.053	4.989	5.989
3751	37.50	7.076	8.315	9.762	11.409	13.133	14.683	15.718	15.887	14.945	12.849
3761	37.60	9.811	6.268	2.774	-0.156	-2.194	-3.290	-3.665	-3.696	-3.764	-4.098
3771	37.70	-4.698	-5.364	-5.813	-5.826	-5.377	-4.652	-3.985	-3.710	-4.015	-4.851
3781	37.80	-5.937	-6.862	-7.232	-6.810	-5.592	-3.806	-1.834	-0.105	1.002	1.242
3791	37.90	0.533	-1.026	-3.180	-5.547	-7.687	-9.185	-9.757	-9.325	-8.053	-6.300
3801	38.00	-4.502	-3.031	-2.068	-1.560	-1.276	-0.929	-0.325	0.545	1.502	2.269
3811	38.10	2.601	2.394	1.726	0.799	-0.165	-1.029	-1.788	-2.540	-3.402	-4.423
3821	38.20	-5.541	-6.615	-7.499	-8.118	-8.504	-8.762	-8.985	-9.190	-9.290	-9.150
3831	38.30	-8.686	-7.953	-7.162	-6.606	-6.525	-6.968	-7.742	-8.475	-8.775	-8.412
3841	38.40	-7.439	-6.165	-5.015	-4.310	-4.101	-4.117	-3.877	-2.903	-0.949	1.875
3851	38.50	5.132	8.226	10.631	12.082	12.632	12.576	12.273	11.978	11.734	11.392
3861	38.60	10.713	9.506	7.719	5.457	2.920	0.322	-2.179	-4.483	-6.507	-8.136
3871	38.70	-9.206	-9.526	-8.983	-7.601	-5.586	-3.287	-1.080	0.751	2.113	3.115
3881	38.80	3.999	5.023	6.336	7.923	9.615	11.170	12.374	13.120	13.437	13.460
3891	38.90	13.367	13.315	13.406	13.676	14.115	14.684	15.329	15.983	16.561	16.969
3901	39.00	17.126	16.997	16.614	16.083	15.550	15.148	14.943	14.898	14.875	14.676
3911	39.10	14.114	13.073	11.554	9.674	7.632	5.649	3.905	2.496	1.415	0.559
3921	39.20	-0.235	-1.151	-2.347	-3.925	-5.910	-8.244	-10.800	-13.406	-15.880	-18.062
3931	39.30	-19.843	-21.176	-22.077	-22.602	-22.828	-22.818	-22.608	-22.195	-21.549	-20.628
3941	39.40	-19.403	-17.870	-16.063	-14.040	-11.868	-9.603	-7.279	-4.910	-2.506	-0.096
3951	39.50	2.253	4.434	6.316	7.780	8.760	9.268	9.392	9.274	9.059	8.849
3961	39.60	8.674	8.488	8.196	7.694	6.913	5.837	4.505	2.999	1.417	-0.142
3971	39.70	-1.592	-2.864	-3.914	-4.738	-5.380	-5.937	-6.545	-7.335	-8.388	-9.687
3981	39.80	-11.104	-12.433	-13.454	-14.011	-14.070	-13.728	-13.170	-12.587	-12.095	-11.687
3991	39.90	-11.254	-10.644	-9.758	-8.621	-7.390	-6.313	-5.635	-5.492	-5.857	-6.535

Table 7-61-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1253 1323-GR-1-1 HB. (HB.) KUSHIROGAWA EHB. MAX. ACC. = -102.472 (GAL) T= 18.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-7.230	-7.641	-7.562	-6.937	-5.868	-4.569	-3.292	-2.256	-1.588	-1.300
4011	40.10	-1.284	-1.339	-1.208	-0.626	0.611	2.594	5.252	8.339	11.476	14.228
4021	40.20	16.211	17.193	17.147	16.248	14.806	13.157	11.565	10.157	8.915	7.731
4031	40.30	6.478	5.094	3.616	2.187	1.010	0.301	0.225	0.869	2.212	4.134
4041	40.40	6.417	8.772	10.871	12.402	13.129	12.957	11.971	10.431	8.720	7.245
4051	40.50	6.332	6.138	6.613	7.530	8.564	9.396	9.801	9.696	9.140	8.282
4061	40.60	7.301	6.345	5.502	4.800	4.229	3.765	3.393	3.107	2.905	2.773
4071	40.70	2.677	2.569	2.399	2.128	1.737	1.227	0.606	-0.129	-1.001	-2.050
4081	40.80	-3.314	-4.804	-6.474	-8.205	-9.824	-11.130	-11.951	-12.194	-11.873	-11.113
4091	40.90	-10.113	-9.087	-8.202	-7.534	-7.057	-6.669	-6.240	-5.666	-4.912	-4.013
4101	41.00	-3.062	-2.170	-1.433	-0.902	-0.589	-0.470	-0.510	-0.668	-0.904	-1.169
4111	41.10	-1.405	-1.547	-1.533	-1.337	-0.978	-0.537	-0.143	0.058	-0.058	-0.563
4121	41.20	-1.450	-2.638	-3.993	-5.361	-6.605	-7.625	-8.370	-8.822	-8.976	-8.819
4131	41.30	-8.316	-7.420	-6.095	-4.353	-2.283	-0.054	2.108	3.966	5.341	6.155
4141	41.40	6.447	6.366	6.020	5.600	5.145	4.627	3.972	3.116	2.060	0.893
4151	41.50	-0.228	-1.131	-1.691	-1.872	-1.733	-1.387	-0.955	-0.512	-0.069	0.416
4161	41.50	1.006	1.750	2.669	3.750	4.965	6.284	7.674	9.085	10.439	11.628
4171	41.70	12.530	13.050	13.149	12.860	12.272	11.482	10.553	9.481	8.206	6.650
4181	41.80	4.775	2.615	0.274	-2.108	-4.418	-6.611	-8.719	-10.806	-12.905	-14.961
4191	41.90	-16.815	-18.243	-19.029	-19.053	-18.342	-17.062	-15.466	-13.805	-12.259	-10.899
4201	42.00	-9.702	-8.601	-7.536	-6.495	-5.513	-4.652	-3.962	-3.461	-3.121	-2.887
4211	42.10	-2.687	-2.457	-2.145	-1.714	-1.152	-0.473	0.271	0.995	1.599	2.004
4221	42.20	2.191	2.228	2.264	2.487	3.056	4.033	5.348	6.808	8.154	9.143
4231	42.30	9.625	9.583	9.136	8.482	7.844	7.407	7.289	7.528	8.103	8.944
4241	42.40	9.943	10.963	11.840	12.403	12.510	12.084	11.144	9.808	8.262	6.702
4251	42.50	5.263	3.979	2.775	1.508	0.030	-1.730	-3.729	-5.805	-7.717	-9.222
4261	42.60	-10.142	-10.414	-10.100	-9.353	-8.367	-7.320	-6.327	-5.429	-4.591	-3.731
4271	42.70	-2.750	-1.560	-0.118	1.556	3.368	5.158	6.717	7.838	8.364	8.234
4281	42.80	7.513	6.372	5.046	3.755	2.635	1.696	0.827	-0.151	-1.407	-3.024
4291	42.90	-4.957	-7.042	-9.047	-10.751	-12.002	-12.759	-13.079	-13.076	-12.881	-12.598
4301	43.00	-12.295	-12.010	-11.765	-11.566	-11.400	-11.215	-10.909	-10.347	-9.396	-7.984
4311	43.10	-6.140	-4.014	-1.845	0.099	1.596	2.531	2.913	2.857	2.524	2.072
4321	43.20	1.615	1.220	0.926	0.774	0.822	1.138	1.771	2.721	3.914	5.217
4331	43.30	6.465	7.514	8.278	8.749	8.990	9.104	9.195	9.339	9.567	9.864
4341	43.40	10.185	10.466	10.667	10.684	10.563	10.312	9.999	9.725	9.594	9.686
4351	43.50	10.016	10.531	11.109	11.599	11.872	11.862	11.585	11.136	10.647	10.234
4361	43.60	9.961	9.834	9.712	9.539	9.181	8.563	7.663	6.515	5.193	3.795
4371	43.70	2.422	1.158	0.058	-0.866	-1.645	-2.348	-3.059	-3.844	-4.728	-5.679
4381	43.80	-6.616	-7.445	-8.098	-8.574	-8.943	-9.330	-9.866	-10.632	-11.623	-12.741
4391	43.90	-13.821	-14.689	-15.212	-15.338	-15.103	-14.607	-13.976	-13.331	-12.761	-12.314
4401	44.00	-12.006	-11.823	-11.727	-11.656	-11.530	-11.259	-10.767	-10.013	-9.011	-7.828
4411	44.10	-6.578	-5.385	-4.363	-3.588	-3.097	-2.891	-2.944	-3.210	-3.618	-4.071
4421	44.20	-4.445	-4.607	-4.449	-3.919	-3.053	-1.966	-0.824	0.218	1.064	1.714
4431	44.30	2.261	2.838	3.566	4.487	5.550	6.622	7.536	8.161	8.438	8.404
4441	44.40	8.169	7.872	7.646	7.578	7.709	8.033	8.510	9.065	9.591	9.948
4451	44.50	9.977	9.539	8.565	7.094	5.301	3.460	1.883	0.822	0.402	0.574
4461	44.60	1.152	1.878	2.519	2.943	3.136	3.178	3.164	3.143	3.078	2.857
4471	44.70	2.361	1.525	0.394	-0.890	-2.131	-3.161	-3.905	-4.397	-4.747	-5.067
4481	44.80	-5.402	-5.697	-5.819	-5.634	-5.086	-4.257	-3.358	-2.666	-2.419	-2.733
4491	44.90	-3.559	-4.718	-5.980	-7.161	-8.186	-9.094	-9.980	-10.920	-11.895	-12.781

Table 7-61-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1253 1323-GR-1-1 HB. (HB.) KUSHIROGAWA EHB. MAX. ACC. = -102.472 (GAL) T= 18.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-13.377	-13.487	-12.996	-11.905	-10.325	-8.423	-6.348	-4.189	-1.972	0.309
4511	45.10	2.638	4.942	7.089	8.933	10.375	11.413	12.152	12.769	13.442	14.278
4521	45.20	15.269	16.284	17.121	17.568	17.467	16.757	15.480	13.765	11.793	9.776
4531	45.30	7.920	6.410	5.376	4.867	4.832	5.124	5.533	5.854	5.960	5.852
4541	45.40	5.672	5.647	5.995	6.822	8.052	9.425	10.567	11.111	10.815	9.643
4551	45.50	7.767	5.505	3.208	1.160	-0.487	-1.719	-2.618	-3.292	-3.824	-4.255
4561	45.60	-4.586	-4.816	-4.964	-5.071	-5.184	-5.333	-5.517	-5.706	-5.875	-6.030
4571	45.70	-6.228	-6.563	-7.129	-7.970	-9.046	-10.233	-11.352	-12.229	-12.745	-12.863
4581	45.80	-12.622	-12.101	-11.377	-10.502	-9.497	-8.381	-7.193	-6.009	-4.928	-4.039
4591	45.90	-3.383	-2.942	-2.647	-2.430	-2.267	-2.209	-2.369	-2.865	-3.750	-4.957
4601	46.00	-6.288	-7.465	-8.215	-8.375	-7.941	-7.077	-6.041	-5.088	-4.379	-3.927
4611	46.10	-3.618	-3.278	-2.760	-2.016	-1.115	-0.214	0.516	0.956	1.085	0.983
4621	46.20	0.791	0.655	0.674	0.881	1.243	1.688	2.135	2.514	2.777	2.895
4631	46.30	2.858	2.880	2.401	2.096	1.858	1.780	1.911	2.238	2.672	3.079
4641	46.40	3.329	3.353	3.185	2.962	2.877	3.103	3.711	4.618	5.591	6.309
4651	46.50	6.464	5.868	4.522	2.628	0.529	-1.402	-2.872	-3.763	-4.149	-4.258
4661	46.60	-4.374	-4.727	-5.407	-6.331	-7.275	-7.952	-8.114	-7.629	-6.517	-4.928
4671	46.70	-3.087	-1.208	0.564	2.184	3.694	5.178	6.708	8.297	9.885	11.347
4681	46.80	12.531	13.297	13.554	13.280	12.524	11.391	10.018	8.549	7.105	5.766
4691	46.90	4.564	3.484	2.482	1.511	0.542	-0.414	-1.309	-2.073	-2.635	-2.952
4701	47.00	-3.019	-2.864	-2.526	-2.041	-1.422	-0.666	0.226	1.223	2.255	3.209
4711	47.10	3.965	4.428	4.565	4.420	4.101	3.752	3.512	3.482	3.714	4.207
4721	47.20	4.922	5.793	6.729	7.618	8.335	8.757	8.792	8.407	7.646	6.622
4731	47.30	5.481	4.353	3.307	2.331	1.344	0.243	-1.044	-2.515	-4.085	-5.607
4741	47.40	-6.926	-7.925	-8.555	-8.838	-8.846	-8.668	-8.383	-8.052	-7.721	-7.431
4751	47.50	-7.217	-7.106	-7.097	-7.148	-7.180	-7.088	-6.782	-6.213	-5.396	-4.407
4761	47.60	-3.364	-2.387	-1.565	-0.933	-0.468	-0.098	0.271	0.733	1.353	2.168
4771	47.70	3.087	4.093	5.068	5.924	6.611	7.137	7.558	7.955	8.387	8.857
4781	47.80	9.291	9.563	9.545	9.158	8.420	7.435	6.356	5.307	4.322	3.322
4791	47.90	2.141	0.603	-1.388	-3.790	-6.417	-8.996	-11.255	-13.008	-14.197	-14.885
4801	48.00	-15.196	-15.250	-15.112	-14.796	-14.291	-13.613	-12.827	-12.043	-11.371	-10.867
4811	48.10	-10.503	-10.177	-9.763	-9.178	-8.434	-7.664	-6.976	-6.590	-6.562	-6.858
4821	48.20	-7.343	-7.831	-8.157	-8.212	-7.963	-7.433	-6.665	-5.702	-4.575	-3.315
4831	48.30	-1.966	-0.591	0.762	2.067	3.348	4.671	6.110	7.702	9.409	11.109
4841	48.40	12.629	13.801	14.519	14.772	14.630	14.205	13.592	12.836	11.920	10.803
4851	48.50	9.455	7.888	6.162	4.353	2.518	0.669	-1.219	-3.169	-5.157	-7.074
4861	48.60	-8.732	-9.909	-10.421	-10.188	-9.269	-7.850	-6.195	-4.576	-3.211	-2.233
4871	48.70	-1.682	-1.521	-1.665	-1.995	-2.376	-2.666	-2.733	-2.479	-1.862	-0.902
4881	48.80	0.318	1.686	3.087	4.433	5.675	6.787	7.745	8.515	9.046	9.291
4891	48.90	9.239	8.935	8.486	8.033	7.717	7.625	7.771	8.089	8.455	8.733
4901	49.00	8.804	8.594	8.079	7.281	6.250	5.058	3.789	2.536	1.397	0.465
4911	49.10	-0.182	-0.488	-0.428	-0.015	0.702	1.639	2.674	3.669	4.481	4.994
4921	49.20	5.151	4.970	4.544	4.011	3.509	3.125	2.872	2.690	2.485	2.183
4931	49.30	1.774	1.528	0.966	0.809	0.913	1.239	1.665	2.027	2.193	2.117
4941	49.40	1.857	1.548	1.342	1.331	1.503	1.730	1.808	1.513	0.694	-0.698
4951	49.50	-2.577	-4.746	-6.943	-8.902	-10.611	-11.350	-11.709	-11.568	-11.071	-10.371
4961	49.60	-9.589	-8.787	-7.962	-7.063	-6.033	-4.842	-3.511	-2.114	-0.756	0.456
4971	49.70	1.443	2.165	2.621	2.834	2.842	2.685	2.412	2.080	1.754	1.488
4981	49.80	1.309	1.198	1.088	0.883	0.500	-0.100	-0.893	-1.794	-2.700	-3.526
4991	49.90	-4.238	-4.849	-5.396	-5.891	-6.285	-6.470	-6.308	-5.690	-4.598	-3.133

Table 7-61-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1253 1323-GR-1-1 HB. (HB.) KUSHIROGAWA EHB. MAX. ACC. = -102.472 (GAL) T= 18.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.501	0.036	1.232	1.918	2.036	1.630	0.819	-0.252	-1.440	-2.624
5011	50.10	-3.707	-4.613	-5.290	-5.718	-5.910	-5.915	-5.793	-5.593	-5.328	-4.964
5021	50.20	-4.436	-3.681	-2.683	-1.492	-0.231	0.937	1.868	2.387	2.510	2.243
5031	50.30	1.664	0.872	-0.038	-0.985	-1.899	-2.713	-3.367	-3.804	-3.994	-3.937
5041	50.40	-3.673	-3.272	-2.815	-2.378	-2.015	-1.759	-1.619	-1.590	-1.658	-1.795
5051	50.50	-1.958	-2.093	-2.145	-2.071	-1.857	-1.530	-1.147	-0.783	-0.497	-0.316
5061	50.60	-0.222	-0.156	-0.043	0.187	0.577	1.135	1.835	2.633	3.480	4.333
5071	50.70	5.160	5.933	6.623	7.193	7.603	7.808	7.776	7.499	7.001	6.348
5081	50.80	5.634	4.970	4.455	4.153	4.072	4.167	4.350	4.520	4.596	4.539
5091	50.90	4.361	4.120	3.894	3.761	3.776	3.968	4.325	4.802	5.317	5.752
5101	51.00	5.968	5.828	5.238	4.189	2.784	1.233	-0.190	-1.220	-1.690	-1.580
5111	51.10	-1.025	-0.269	0.422	0.849	0.940	0.749	0.414	0.086	-0.139	-0.241
5121	51.20	-0.263	-0.263	-0.266	-0.247	-0.138	0.128	0.578	1.173	1.821	2.412
5131	51.30	2.866	3.152	3.290	3.322	3.280	3.169	2.969	2.660	2.247	1.765
5141	51.40	1.264	0.771	0.263	-0.334	-1.114	-2.129	-3.337	-4.582	-5.622	-6.214
5151	51.50	-6.195	-5.552	-4.432	-3.082	-1.766	-0.664	0.174	0.821	1.415	2.078
5161	51.60	2.849	3.670	4.414	4.947	5.182	5.112	4.800	4.337	3.797	3.215
5171	51.70	2.584	1.884	1.117	0.324	-0.422	-1.046	-1.509	-1.831	-2.090	-2.394
5181	51.80	-2.839	-3.472	-4.276	-5.176	-6.076	-6.890	-7.575	-8.134	-8.610	-9.062
5191	51.90	-9.538	-10.056	-10.600	-11.121	-11.546	-11.796	-11.799	-11.503	-10.896	-10.008
5201	52.00	-8.918	-7.739	-6.593	-5.584	-4.766	-4.127	-3.595	-3.065	-2.438	-1.663
5211	52.10	-0.763	0.167	0.988	1.563	1.811	1.741	1.455	1.126	0.962	1.046
5221	52.20	1.489	2.211	3.060	3.841	4.376	4.557	4.375	3.912	3.300	2.672
5231	52.30	2.114	1.635	1.179	0.651	-0.034	-0.917	-1.974	-3.119	-4.237	-5.213
5241	52.40	-5.965	-6.456	-6.693	-6.709	-6.550	-6.252	-5.843	-5.343	-4.768	-4.135
5251	52.50	-3.459	-2.756	-2.029	-1.276	-0.490	0.340	1.223	2.165	3.172	4.245
5261	52.60	5.378	6.550	7.722	8.836	9.827	10.640	11.246	11.657	11.910	12.050
5271	52.70	12.096	12.025	11.768	11.240	10.387	9.221	7.846	6.430	5.158	4.161
5281	52.80	3.474	3.025	2.671	2.272	1.762	1.184	0.683	0.442	0.597	1.169
5291	52.90	2.040	2.986	3.756	4.158	4.127	3.736	3.164	2.623	2.283	2.218
5301	53.00	2.397	2.703	2.980	3.079	2.899	2.398	1.692	0.585	-0.538	-1.643
5311	53.10	-2.612	-3.364	-3.865	-4.137	-4.248	-4.280	-4.305	-4.354	-4.413	-4.431
5321	53.20	-4.341	-4.099	-3.650	-3.023	-2.229	-1.301	-0.274	0.804	1.867	2.822
5331	53.30	3.565	3.999	4.065	3.764	3.151	2.321	1.371	0.370	-0.653	-1.694
5341	53.40	-2.755	-3.810	-4.803	-5.657	-6.305	-6.724	-6.940	-7.019	-7.030	-7.008
5351	53.50	-6.938	-6.760	-6.409	-5.846	-5.087	-4.200	-3.265	-2.338	-1.418	-0.451
5361	53.60	0.643	1.914	3.345	4.835	6.233	7.383	8.182	8.619	8.769	8.761
5371	53.70	8.719	8.715	8.739	8.702	8.463	7.881	6.853	5.348	3.430	1.247
5381	53.80	-0.985	-3.028	-4.667	-5.761	-6.281	-6.313	-6.032	-5.646	-5.328	-5.170
5391	53.90	-5.162	-5.224	-5.260	-5.209	-5.082	-4.950	-4.895	-4.958	-5.102	-5.214
5401	54.00	-5.154	-4.828	-4.240	-3.511	-2.839	-2.427	-2.406	-2.784	-3.458	-4.261
5411	54.10	-5.037	-5.693	-6.221	-6.667	-7.079	-7.458	-7.737	-7.811	-7.580	-7.001
5421	54.20	-6.115	-5.032	-3.886	-2.787	-1.786	-0.878	-0.033	0.761	1.468	2.004
5431	54.30	2.270	2.201	1.797	1.136	0.342	-0.459	-1.191	-1.849	-2.486	-3.174
5441	54.40	-3.949	-4.780	-5.566	-6.166	-6.439	-6.317	-5.801	-4.969	-3.933	-2.802
5451	54.50	-1.641	-0.470	0.727	1.963	3.225	4.457	5.574	6.493	7.160	7.579
5461	54.60	7.806	7.936	8.064	8.260	8.553	8.929	9.353	9.784	10.196	10.574
5471	54.70	10.911	11.197	11.411	11.531	11.539	11.438	11.256	11.035	10.814	10.609
5481	54.80	10.393	10.105	9.666	9.013	8.126	7.037	5.824	4.587	3.410	2.341
5491	54.90	1.376	0.479	-0.400	-1.293	-2.195	-3.063	-3.827	-4.419	-4.797	-4.964

Table 7-61-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1253 1323-GR-1-1 HB. (HB.) KUSHIROGAWA EHB. MAX. ACC. = -102.472 (GAL) T= 18.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-4.973	-4.916	-4.898	-5.011	-5.305	-5.773	-6.342	-6.896	-7.296	-7.422
5511	55.10	-7.203	-6.638	-5.800	-4.805	-3.786	-2.844	-2.032	-1.343	-0.737	-0.166
5521	55.20	0.384	0.882	1.259	1.438	1.374	1.092	0.687	0.316	0.142	0.291
5531	55.30	0.803	1.628	2.637	3.675	4.608	5.362	5.935	6.377	6.751	7.097
5541	55.40	7.404	7.615	7.651	7.445	6.973	6.258	5.356	4.332	3.231	2.069
5551	55.50	0.843	-0.444	-1.758	-3.027	-4.154	-5.047	-5.658	-6.000	-6.142	-6.184
5561	55.60	-6.213	-6.273	-6.358	-6.433	-6.468	-6.471	-6.499	-6.640	-6.977	-7.543
5571	55.70	-8.303	-9.147	-9.929	-10.499	-10.743	-10.601	-10.065	-9.165	-7.975	-6.590
5581	55.80	-5.138	-3.772	-2.647	-1.886	-1.538	-1.552	-1.783	-2.033	-2.124	-1.957
5591	55.90	-1.553	-1.040	-0.596	-0.369	-0.418	-0.687	-1.033	-1.292	-1.352	-1.201
5601	56.00	-0.930	-0.697	-0.654	-0.888	-1.388	-2.043	-2.684	-3.139	-3.279	-3.053
5611	56.10	-2.488	-1.676	-0.744	0.179	0.993	1.641	2.121	2.478	2.782	3.104
5621	56.20	3.488	3.934	4.401	4.826	5.150	5.353	5.463	5.553	5.711	6.007
5631	56.30	6.467	7.059	7.710	8.329	8.840	9.197	9.397	9.455	9.394	9.218
5641	56.40	8.904	8.414	7.705	6.752	5.571	4.219	2.796	1.424	0.219	-0.731
5651	56.50	-1.391	-1.787	-1.992	-2.109	-2.231	-2.421	-2.691	-3.010	-3.321	-3.569
5661	56.60	-3.720	-3.769	-3.732	-3.623	-3.448	-3.191	-2.827	-2.340	-1.732	-1.035
5671	56.70	-0.296	0.429	1.095	1.665	2.109	2.388	2.462	2.294	1.883	1.285
5681	56.80	0.620	0.059	-0.224	-0.105	0.443	1.337	2.408	3.452	4.292	4.825
5691	56.90	5.040	4.996	4.792	4.524	4.258	4.022	3.806	3.573	3.265	2.815
5701	57.00	2.153	1.230	0.038	-1.368	-2.871	-4.307	-5.514	-6.378	-6.870	-7.049
5711	57.10	-7.032	-6.944	-6.869	-6.824	-6.768	-6.641	-6.404	-6.070	-5.698	-5.369
5721	57.20	-5.143	-5.035	-5.016	-5.032	-5.037	-5.015	-4.971	-4.908	-4.795	-4.550
5731	57.30	-4.060	-3.224	-2.013	-0.505	1.117	2.604	3.724	4.325	4.388	4.014
5741	57.40	3.391	2.722	2.169	1.816	1.622	1.690	1.798	1.931	2.042	2.104
5751	57.50	2.118	2.101	2.092	2.142	2.296	2.577	2.962	3.379	3.718	3.866
5761	57.60	3.750	3.363	2.776	2.106	1.475	0.960	0.570	0.248	-0.087	-0.497
5771	57.70	-0.981	-1.469	-1.847	-2.006	-1.887	-1.518	-1.000	-0.481	-0.096	0.071
5781	57.80	0.012	-0.215	-0.515	-0.796	-0.998	-1.099	-1.118	-1.084	-1.017	-0.923
5791	57.90	-0.793	-0.612	-0.373	-0.083	0.240	0.579	0.924	1.281	1.661	2.079
5801	58.00	2.536	3.014	3.479	3.892	4.218	4.438	4.540	4.520	4.362	4.034
5811	58.10	3.498	2.720	1.698	0.480	-0.840	-2.134	-3.277	-4.184	-4.829	-5.253
5821	58.20	-5.539	-5.775	-6.020	-6.281	-6.518	-6.664	-6.656	-6.456	-6.060	-5.491
5831	58.30	-4.787	-3.984	-3.122	-2.243	-1.403	-0.673	-0.120	0.212	0.314	0.223
5841	58.40	-0.903	-0.313	-0.689	-1.158	-1.772	-2.565	-3.512	-4.509	-5.386	-5.957
5851	58.50	-6.088	-5.741	-4.992	-3.998	-2.935	-1.933	-1.041	-0.232	0.560	1.387
5861	58.60	2.253	3.109	3.882	4.509	4.974	5.301	5.535	5.709	5.822	5.843
5871	58.70	5.744	5.525	5.239	4.973	4.810	4.786	4.862	4.939	4.902	4.675
5881	58.80	4.256	3.712	3.135	2.583	2.041	1.422	0.624	-0.399	-1.575	-2.702
5891	58.90	-3.507	-3.735	-3.257	-2.124	-0.560	1.116	2.597	3.882	4.320	4.596
5901	59.00	4.664	4.671	4.699	4.753	4.783	4.728	4.558	4.283	3.947	3.604
5911	59.10	3.292	3.020	2.771	2.510	2.197	1.787	1.241	0.527	-0.360	-1.392
5921	59.20	-2.492	-3.546	-4.428	-5.034	-5.324	-5.334	-5.163	-4.935	-4.749	-4.647
5931	59.30	-4.598	-4.526	-4.347	-4.011	-3.523	-2.935	-2.322	-1.746	-1.240	-0.805
5941	59.40	-0.628	-0.114	0.112	0.199	0.106	-0.182	-0.625	-1.144	-1.636	-2.020
5951	59.50	-2.255	-2.354	-2.362	-2.324	-2.258	-2.140	-1.917	-1.560	-0.996	-0.324
5961	59.60	0.377	1.006	1.471	1.738	1.835	1.836	1.821	1.845	1.913	1.982
5971	59.70	1.992	1.891	1.667	1.346	0.980	0.624	0.310	0.040	-0.199	-0.418
5981	59.80	-0.610	-0.742	-0.774	-0.677	-0.455	-0.149	0.182	0.486	0.750	1.001
5991	59.90	1.302	1.710	2.245	2.866	3.474	3.940	4.149	4.035	3.601	2.914

Table 7-61-13

TABLE OF CORRECTED ACCELERATION RECORD

NO.13

INDEX NO. 1253 1323-GR-1-1 HB. (HB.) KUSHIROGAWA EHB. MAX. ACC. = -102.472 (GAL) T= 18.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	2.085	1.234	0.472	-0.116	-0.470	-0.560	-0.384	0.027	0.600	1.235
6011	60.10	1.821	2.265	2.518	2.586	2.520	2.383	2.221	2.041	1.807	1.470
6021	60.20	1.000	0.413	-0.223	-0.806	-1.242	-1.472	-1.498	-1.375	-1.184	-1.004
6031	60.30	-0.889	-0.861	-0.924	-1.071	-1.298	-1.594	-1.938	-2.282	-2.556	-2.689
6041	60.40	-2.629	-2.373	-1.967	-1.502	-1.075	-0.763	-0.601	-0.578	-0.653	-0.784
6051	60.50	-0.941	-1.121	-1.340	-1.617	-1.967	-2.386	-2.865	-3.385	-3.927	-4.467
6061	60.60	-4.970	-5.391	-5.675	-5.772	-5.657	-5.338	-4.864	-4.305	-3.734	-3.208
6071	60.70	-2.751	-2.361	-2.027	-1.738	-1.500	-1.327	-1.230	-1.199	-1.197	-1.163
6081	60.80	-1.030	-0.749	-0.308	0.265	0.909	1.555	2.146	2.652	3.077	3.444
6091	60.90	3.785	4.124	4.464	4.790	5.072	5.279	5.384	5.376	5.264	5.071
6101	61.00	4.830	4.571	4.314	4.059	3.788	3.469	3.069	2.569	1.967	1.291
6111	61.10	0.583	-0.107	-0.737	-1.280	-1.728	-2.080	-2.338	-2.491	-2.511	-2.363
6121	61.20	-2.013	-1.444	-0.670	0.260	1.265	2.251	3.128	3.827	4.313	4.582
6131	61.30	4.654	4.553	4.295	3.879	3.294	2.533	1.608	0.565	-0.515	-1.533
6141	61.40	-2.399	-3.055	-3.493	-3.758	-3.924	-4.069	-4.239	-4.436	-4.607	-4.688
6151	61.50	-4.609	-4.337	-3.888	-3.320	-2.724	-2.188	-1.785	-1.550	-1.484	-1.561
6161	61.60	-1.734	-1.952	-2.161	-2.314	-2.373	-2.316	-2.145	-1.887	-1.596	-1.339
6171	61.70	-1.180	-1.158	-1.277	-1.498	-1.757	-1.982	-2.124	-2.177	-2.180	-2.204
6181	61.80	-2.321	-2.566	-2.918	-3.288	-3.550	-3.575	-3.284	-2.681	-1.854	-0.953
6191	61.90	-0.133	0.496	0.914	1.189	1.447	1.818	2.375	3.101	3.891	4.585
6201	62.00	5.024	5.101	4.787	4.129	3.223	2.174	1.066	-0.036	-1.084	-2.020
6211	62.10	-2.765	-3.226	-3.324	-3.023	-2.364	-1.459	-0.478	0.404	1.051	1.405
6221	62.20	1.490	1.401	1.263	1.191	1.257	1.482	1.840	2.279	2.741	3.180
6231	62.30	3.566	3.891	4.152	4.356	4.510	4.623	4.703	4.760	4.800	4.821
6241	62.40	4.811	4.746	4.597	4.336	3.966	3.426	2.794	2.080	1.322	0.550
6251	62.50	-0.208	-0.936	-1.611	-2.205	-2.676	-2.971	-3.041	-2.855	-2.413	-1.757
6261	62.60	-0.965	-0.139	0.614	1.202	1.558	1.644	1.455	1.017	0.384	-0.367
6271	62.70	-1.140	-1.835	-2.370	-2.695	-2.811	-2.757	-2.598	-2.391	-2.163	-1.899
6281	62.80	-1.557	-1.098	-0.512	0.160	0.832	1.408	1.820	2.062	2.195	2.325
6291	62.90	2.554	2.940	3.472	4.072	4.638	5.081	5.363	5.504	5.563	5.602
6301	63.00	5.660	5.737	5.812	5.862	5.890	5.921	5.993	6.119	6.270	6.368
6311	63.10	6.307	5.994	5.386	4.509	3.452	2.335	1.268	0.328	-0.455	-1.082
6321	63.20	-1.560	-1.882	-2.025	-1.964	-1.692	-1.244	-0.698	-0.161	0.259	0.476
6331	63.30	0.449	0.187	-0.263	-0.834	-1.453	-2.060	-2.613	-3.094	-3.511	-3.888
6341	63.40	-4.260	-4.650	-5.060	-5.461	-5.795	-5.999	-6.028	-5.882	-5.616	-5.324
6351	63.50	-5.112	-5.058	-5.184	-5.450	-5.775	-6.067	-6.264	-6.346	-6.330	-6.254
6361	63.60	-6.144	-6.006	-5.822	-5.570	-5.248	-4.879	-4.507	-4.173	-3.893	-3.642
6371	63.70	-3.370	-3.023	-2.578	-2.061	-1.544	-1.117	-0.849	-0.753	-0.783	-0.850
6381	63.80	-0.855	-0.738	-0.490	-0.158	0.177	0.437	0.569	0.556	0.412	0.167
6391	63.90	-0.145	-0.488	-0.822	-1.100	-1.271	-1.294	-1.158	-0.894	-0.576	-0.292
6401	64.00	-0.119	-0.086	-0.169	-0.296	-0.385	-0.378	-0.263	-0.075	0.123	0.280
6411	64.10	0.377	0.430	0.479	0.556	0.666	0.785	0.875	0.910	0.891	0.850
6421	64.20	0.818	0.805	0.776	0.664	0.400	-0.039	-0.602	-1.166	-1.582	-1.732
6431	64.30	-1.594	-1.251	-0.871	-0.630	-0.646	-0.925	-1.376	-1.857	-2.252	-2.526
6441	64.40	-2.733	-2.966	-3.286	-3.658	-3.935	-3.906	-3.390	-2.324	-0.822	0.855

Table 7-62-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1254 60S-DA-1-3 HA. (HA.) SUSOBANA DAM MAX. ACC. = 330.181 (GAL) T= 0.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	69.922	134.002	191.333	219.169	198.671	123.295	4.092	-131.446	-245.657	-303.251
11	0.10	-282.941	-185.573	-34.967	128.928	262.198	330.181	317.205	229.896	93.521	-56.674
21	0.20	-185.782	-267.853	-290.664	-256.156	-177.520	-74.548	31.214	120.574	179.673	201.771
31	0.30	187.772	145.366	86.799	25.619	-26.782	-63.746	-84.187	-91.441	-90.708	-86.267
41	0.40	-79.717	-69.940	-54.626	-32.444	-4.653	24.691	50.020	66.330	71.014	64.566
51	0.50	49.939	31.026	11.114	-7.901	-25.299	-40.668	-52.923	-60.273	-60.598	-52.615
61	0.60	-36.783	-15.520	7.436	28.221	43.990	53.484	56.840	54.890	48.441	37.970
71	0.70	23.854	6.892	-11.313	-28.469	-42.228	-51.028	-54.670	-54.267	-51.559	-47.939
81	0.80	-43.704	-37.961	-29.233	-16.476	0.057	18.539	36.056	49.610	57.151	58.161
91	0.90	53.552	45.003	34.106	21.791	8.264	-6.543	-22.321	-37.891	-51.177	-59.677
101	1.00	-61.240	-54.846	-41.052	-21.957	-0.701	19.308	35.193	45.189	48.868	46.974
111	1.10	40.966	32.630	22.578	11.998	0.756	-11.208	-23.566	-35.227	-44.320	-48.625
121	1.20	-46.345	-36.903	-21.436	-2.719	15.527	29.706	37.413	38.080	32.977	24.579
131	1.30	15.596	8.047	2.745	-0.683	-3.299	-6.178	-9.839	-14.013	-17.794	-20.052
141	1.40	-19.913	-17.094	-12.007	-5.619	0.849	6.244	9.753	11.039	10.247	7.893
151	1.50	4.691	1.354	-1.567	-3.773	-5.222	-6.054	-6.472	-6.642	-6.621	-6.369
161	1.60	-5.785	-4.772	-3.273	-1.283	1.155	3.953	6.961	9.939	12.557	14.427
171	1.70	15.190	14.627	12.731	9.729	6.012	2.036	-1.788	-5.143	-7.800	-9.579
181	1.80	-10.335	-9.983	-8.581	-6.393	-3.884	-1.605	-0.002	0.769	0.921	0.941
191	1.90	1.348	2.415	3.986	5.496	6.209	5.551	3.398	0.170	-3.336	-6.269
201	2.00	-8.076	-8.687	-8.469	-7.962	-7.547	-7.220	-6.582	-5.050	-2.192	1.994
211	2.10	6.985	11.877	15.681	17.664	17.560	15.601	12.355	8.490	4.552	0.854
221	2.20	-2.501	-5.521	-8.217	-10.530	-12.342	-13.522	-13.974	-13.658	-12.562	-10.668
231	2.30	-7.932	-4.309	0.167	5.304	10.693	15.720	19.665	21.860	21.860	19.578
241	2.40	15.327	9.765	3.746	-1.878	-6.436	-9.563	-11.225	-11.652	-11.205	-10.243
251	2.50	-9.009	-7.604	-6.018	-4.211	-2.197	-0.085	1.927	3.608	4.766	5.306
261	2.60	5.245	4.696	3.817	2.770	1.694	0.702	-0.112	-0.663	-0.886	-0.756
271	2.70	-0.312	0.334	1.015	1.551	1.794	1.669	1.192	0.453	-0.412	-1.256
281	2.80	-1.954	-2.417	-2.594	-2.475	-2.082	-1.475	-0.739	0.019	0.697	1.220
291	2.90	1.559	1.740	1.831	1.922	2.086	2.356	2.709	3.077	3.359	3.458
301	3.00	3.305	2.875	2.195	1.333	0.382	-0.556	-1.389	-2.042	-2.460	-2.615
311	3.10	-2.498	-2.130	-1.550	-0.823	-0.019	0.790	1.549	2.222	2.787	3.220
321	3.20	3.483	3.513	3.237	2.599	1.604	0.339	-1.020	-2.246	-3.118	-3.489
331	3.30	-3.334	-2.753	-1.931	-1.080	-0.364	0.133	0.413	0.528	0.532	0.452
341	3.40	0.278	-0.010	-0.407	-0.862	-1.280	-1.554	-1.608	-1.435	-1.101	-0.720
351	3.50	-0.410	-0.239	-0.206	-0.247	-0.274	-0.219	-0.069	0.126	0.275	0.282
361	3.60	0.088	-0.306	-0.843	-1.429	-1.961	-2.355	-2.560	-2.551	-2.322	-1.871
371	3.70	-1.201	-0.320	0.738	1.905	3.072	4.092	4.814	5.107	4.896	4.184
381	3.80	3.060	1.677	0.226	-1.113	-2.204	-2.980	-3.449	-3.673	-3.737	-3.705
391	3.90	-3.595	-3.362	-2.916	-2.162	-1.049	0.381	1.975	3.487	4.639	5.204
401	4.00	5.080	4.334	3.182	1.920	0.822	0.046	-0.404	-0.663	-0.921	-1.325
411	4.10	-1.906	-2.562	-3.111	-3.387	-3.325	-3.007	-2.627	-2.407	-2.488	-2.855
421	4.20	-3.331	-3.646	-3.547	-2.901	-1.757	-0.324	1.099	2.232	2.896	3.053
431	4.30	2.790	2.265	1.638	1.029	0.494	0.042	-0.346	-0.683	-0.968	-1.176
441	4.40	-1.271	-1.217	-0.995	-0.617	-0.137	0.348	0.722	0.878	0.762	0.407
451	4.50	-0.069	-0.484	-0.663	-0.499	-0.001	0.697	1.389	1.869	2.015	1.823
461	4.60	1.404	0.923	0.523	0.266	0.112	-0.043	-0.310	-0.738	-1.292	-1.859
471	4.70	-2.300	-2.511	-2.461	-2.197	-1.819	-1.432	-1.106	-0.863	-0.678	-0.513
481	4.80	-0.336	-0.131	0.103	0.368	0.669	1.013	1.388	1.766	2.000	2.041
491	4.90	1.777	1.180	0.311	-0.682	-1.597	-2.246	-2.509	-2.374	-1.932	-1.343

Table 7-62-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1254 60S-DA-1-3 HA. (HA.) SUSOBANA DAM MAX. ACC. = 330.181 (GAL) T= 0.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.767	-0.307	0.018	0.273	0.565	0.987	1.571	2.267	2.952	3.471
511	5.10	3.682	3.495	2.893	1.924	0.682	-0.714	-2.138	-3.460	-4.550	-5.275
521	5.20	-5.520	-5.207	-4.332	-2.981	-1.327	0.396	1.945	3.127	3.842	4.104
531	5.30	4.014	3.726	3.382	3.069	2.797	2.508	2.110	1.516	0.687	-0.346
541	5.40	-1.487	-2.590	-3.493	-4.048	-4.151	-3.766	-2.927	-1.743	-0.381	0.962
551	5.50	2.094	2.869	3.217	3.155	2.781	2.232	1.648	1.129	0.713	0.385
561	5.60	0.099	-0.183	-0.473	-0.748	-0.972	-1.121	-1.197	-1.236	-1.279	-1.342
571	5.70	-1.395	-1.365	-1.160	-0.722	-0.061	0.730	1.590	2.089	2.392	2.385
581	5.80	2.134	1.749	1.339	0.965	0.632	0.305	-0.053	-0.443	-0.828	-1.147
591	5.90	-1.349	-1.424	-1.401	-1.335	-1.267	-1.205	-1.121	-0.976	-0.752	-0.475
601	6.00	-0.204	0.008	0.150	0.276	0.486	0.871	1.444	2.111	2.682	2.941
611	6.10	2.745	2.093	1.142	0.148	-0.636	-1.061	-1.138	-1.015	-0.886	-0.894
621	6.20	-1.054	-1.249	-1.296	-1.042	-0.444	0.398	1.287	2.005	2.400	2.431
631	6.30	2.160	1.696	1.139	0.540	-0.106	-0.814	-1.578	-2.337	-2.988	-3.417
641	6.40	-3.546	-3.347	-2.868	-2.189	-1.404	-0.598	0.156	0.794	1.255	1.489
651	6.50	1.475	1.242	0.878	0.510	0.266	0.229	0.406	0.727	1.075	1.328
661	6.60	1.401	1.273	0.974	0.574	0.152	-0.214	-0.457	-0.522	-0.376	-0.022
671	6.70	0.478	1.007	1.409	1.546	1.351	0.874	0.273	-0.231	-0.440	-0.265
681	6.80	0.236	0.871	1.391	1.583	1.354	0.759	-0.037	-0.823	-1.432	-1.779
691	6.90	-1.870	-1.760	-1.511	-1.151	-0.688	-0.130	0.475	1.027	1.394	1.465
701	7.00	1.200	0.666	0.019	-0.544	-0.860	-0.855	-0.569	-0.129	0.306	0.605
711	7.10	0.706	0.624	0.423	0.182	-0.040	-0.215	-0.345	-0.440	-0.503	-0.529
721	7.20	-0.511	-0.448	-0.358	-0.266	-0.195	-0.152	-0.112	-0.037	0.116	0.361
731	7.30	0.669	0.964	1.138	1.078	0.708	0.013	-0.942	-2.020	-3.034	-3.792
741	7.40	-4.139	-3.992	-3.364	-2.355	-1.131	0.128	1.265	2.181	2.844	3.276
751	7.50	3.519	3.605	3.533	3.271	2.776	2.028	1.053	-0.068	-1.205	-2.212
761	7.60	-2.960	-3.361	-3.382	-3.044	-2.412	-1.575	-0.639	0.287	1.096	1.699
771	7.70	2.034	2.086	1.886	1.513	1.067	0.649	0.331	0.140	0.057	0.032
781	7.80	0.007	-0.063	-0.194	-0.373	-0.562	-0.722	-0.818	-0.835	-0.780	-0.673
791	7.90	-0.547	-0.427	-0.333	-0.268	-0.224	-0.183	-0.127	-0.045	0.059	0.167
801	8.00	0.251	0.280	0.230	0.091	-0.131	-0.421	-0.752	-1.098	-1.431	-1.720
811	8.10	-1.930	-2.022	-1.957	-1.704	-1.255	-0.631	0.114	0.897	1.621	2.193
821	8.20	2.545	2.642	2.494	2.146	1.669	1.139	0.619	0.147	-0.264	-0.627
831	8.30	-0.954	-1.252	-1.502	-1.662	-1.681	-1.516	-1.150	-0.607	0.052	0.745
841	8.40	1.383	1.898	2.242	2.398	2.363	2.145	1.754	1.214	0.563	-0.142
851	8.50	-0.827	-1.418	-1.857	-2.118	-2.214	-2.179	-2.057	-1.880	-1.657	-1.379
861	8.60	-1.035	-0.630	-0.197	0.207	0.517	0.688	0.711	0.624	0.494	0.391
871	8.70	0.365	0.421	0.514	0.575	0.527	0.327	-0.022	-0.462	-0.900	-1.236
881	8.80	-1.395	-1.348	-1.122	-0.783	-0.413	-0.079	0.187	0.394	0.574	0.763
891	8.90	0.967	1.156	1.268	1.236	1.025	0.653	0.198	-0.227	-0.506	-0.570
901	9.00	-0.422	-0.133	0.179	0.398	0.448	0.317	0.060	-0.235	-0.474	-0.594
911	9.10	-0.577	-0.446	-0.251	-0.044	0.138	0.274	0.366	0.424	0.463	0.495
921	9.20	0.528	0.565	0.604	0.637	0.650	0.631	0.572	0.474	0.344	0.197
931	9.30	0.044	-0.110	-0.266	-0.428	-0.594	-0.743	-0.842	-0.849	-0.734	-0.495
941	9.40	-0.166	0.186	0.479	0.644	0.648	0.503	0.263	0.002	-0.213	-0.343
951	9.50	-0.386	-0.366	-0.316	-0.257	-0.181	-0.060	0.143	0.444	0.819	1.203
961	9.60	1.497	1.604	1.457	1.048	0.430	-0.294	-1.006	-1.601	-2.013	-2.223
971	9.70	-2.242	-2.101	-1.824	-1.433	-0.946	-0.391	0.187	0.727	1.175	1.496
981	9.80	1.690	1.789	1.837	1.858	1.836	1.718	1.433	0.931	0.221	-0.614
991	9.90	-1.434	-2.080	-2.433	-2.446	-2.159	-1.677	-1.126	-0.610	-0.179	0.169

Table 7-62-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1254 605-DA-1-3 HA. (HA.) SUSOBANA DAM MAX. ACC. = 330.181 (GAL) T= 0.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.472	0.768	1.081	1.403	1.707	1.956	2.118	2.169	2.086	1.849
1011	10.10	1.447	0.882	0.189	-0.565	-1.284	-1.873	-2.257	-2.409	-2.346	-2.113
1021	10.20	-1.761	-1.321	-0.805	-0.213	0.441	1.116	1.737	2.223	2.511	2.584
1031	10.30	2.476	2.258	1.999	1.740	1.476	1.172	0.788	0.320	-0.191	-0.664
1041	10.40	-1.013	-1.182	-1.176	-1.055	-0.910	-0.818	-0.813	-0.875	-0.947	-0.970
1051	10.50	-0.915	-0.797	-0.664	-0.569	-0.540	-0.564	-0.594	-0.578	-0.482	-0.309
1061	10.60	-0.089	0.134	0.337	0.525	0.719	0.940	1.170	1.369	1.387	1.199
1071	10.70	0.753	0.094	-0.660	-1.358	-1.870	-2.137	-2.163	-2.100	-1.987	-1.900
1081	10.80	-1.821	-1.663	-1.321	-0.734	0.072	0.974	1.791	2.348	2.546	2.392
1091	10.90	1.992	1.498	1.050	0.721	0.508	0.351	0.184	-0.031	-0.282	-0.522
1101	11.00	-0.697	-0.780	-0.780	-0.729	-0.654	-0.550	-0.377	-0.087	0.345	0.885
1111	11.10	1.436	1.664	2.048	1.930	1.540	0.983	0.396	-0.111	-0.491	-0.767
1121	11.20	-0.997	-1.229	-1.459	-1.624	-1.632	-1.407	-0.941	-0.311	0.345	0.872
1131	11.30	1.158	1.168	0.944	0.575	0.151	-0.277	-0.696	-1.119	-1.551	-1.956
1141	11.40	-2.266	-2.398	-2.297	-1.969	-1.480	-0.935	-0.429	-0.007	0.354	0.721
1151	11.50	1.169	1.719	2.324	2.867	3.205	3.231	2.909	2.295	1.510	0.691
1161	11.60	-0.057	-0.684	-1.192	-1.603	-1.918	-2.102	-2.088	-1.807	-1.237	-0.430
1171	11.70	0.490	1.353	1.995	2.308	2.266	1.925	1.392	0.789	0.211	-0.290
1181	11.80	-0.701	-1.037	-1.320	-1.561	-1.753	-1.873	-1.888	-1.770	-1.502	-1.090
1191	11.90	-0.572	-0.014	0.500	0.893	1.117	1.173	1.115	1.028	0.988	1.027
1201	12.00	1.110	1.145	1.024	0.676	0.110	-0.572	-1.212	-1.649	-1.788	-1.632
1211	12.10	-1.278	-0.866	-0.512	-0.258	-0.062	0.170	0.525	1.019	1.579	2.067
1221	12.20	2.333	2.285	1.926	1.352	0.706	0.116	-0.351	-0.702	-0.991	-1.269
1231	12.30	-1.545	-1.769	-1.861	-1.751	-1.423	-0.933	-0.385	0.114	0.501	0.780
1241	12.40	1.011	1.263	1.571	1.894	2.127	2.139	1.833	1.198	0.326	-0.614
1251	12.50	-1.427	-1.965	-2.170	-2.081	-1.817	-1.514	-1.277	-1.144	-1.080	-1.008
1261	12.60	-0.845	-0.541	-0.108	0.392	0.861	1.207	1.369	1.336	1.141	0.849
1271	12.70	0.525	0.222	-0.037	-0.257	-0.456	-0.648	-0.837	-1.003	-1.114	-1.135
1281	12.80	-1.040	-0.826	-0.513	-0.143	0.233	0.564	0.809	0.965	0.965	0.875
1291	12.90	0.692	0.438	0.135	-0.198	-0.540	-0.870	-1.166	-1.404	-1.562	-1.618
1301	13.00	-1.565	-1.404	-1.153	-0.839	-0.497	-0.161	0.142	0.394	0.584	0.708
1311	13.10	0.763	0.751	0.673	0.535	0.349	0.130	-0.104	-0.341	-0.570	-0.785
1321	13.20	-0.978	-1.133	-1.229	-1.239	-1.140	-0.925	-0.611	-0.237	0.139	0.462
1331	13.30	0.691	0.810	0.833	0.795	0.736	0.681	0.653	0.645	0.646	0.643
1341	13.40	0.627	0.599	0.564	0.529	0.496	0.463	0.427	0.388	0.349	0.317
1351	13.50	0.297	0.289	0.285	0.275	0.250	0.207	0.156	0.109	0.080	0.072
1361	13.60	0.078	0.080	0.062	0.018	-0.045	-0.106	-0.143	-0.145	-0.122	-0.099
1371	13.70	-0.108	-0.164	-0.262	-0.363	-0.416	-0.375	-0.224	0.014	0.283	0.514
1381	13.80	0.649	0.670	0.595	0.473	0.358	0.286	0.266	0.280	0.302	0.309
1391	13.90	0.298	0.280	0.269	0.272	0.280	0.271	0.223	0.127	-0.011	-0.171
1401	14.00	-0.336	-0.493	-0.646	-0.799	-0.945	-1.057	-1.087	-0.987	-0.731	-0.339
1411	14.10	0.120	0.543	0.832	0.927	0.831	0.606	0.346	0.135	0.019	-0.010
1421	14.20	0.001	-0.004	-0.053	-0.139	-0.219	-0.241	-0.176	-0.031	0.147	0.298
1431	14.30	0.376	0.374	0.327	0.292	0.321	0.431	0.593	0.744	0.812	0.751
1441	14.40	0.560	0.288	0.013	-0.189	-0.269	-0.228	-0.106	0.037	0.144	0.185
1451	14.50	0.164	0.110	0.061	0.046	0.075	0.138	0.217	0.301	0.386	0.482
1461	14.60	0.596	0.726	0.852	0.934	0.930	0.808	0.562	0.220	-0.167	-0.532
1471	14.70	-0.816	-0.980	-1.013	-0.928	-0.759	-0.546	-0.330	-0.145	-0.010	0.069
1481	14.80	0.103	0.115	0.138	0.195	0.300	0.444	0.597	0.721	0.779	0.755
1491	14.90	0.652	0.497	0.323	0.158	0.016	-0.106	-0.221	-0.340	-0.461	-0.569

Table 7-62-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1254 605-DA-1-3 HA. (HA.) SUSOBANA DAM MAX. ACC. = 330.181 (GAL) T= 0.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.637	-0.637	-0.547	-0.358	-0.080	0.264	0.632	0.974	1.235	1.365
1511	15.10	1.337	1.154	0.853	0.496	0.151	-0.133	-0.341	-0.498	-0.647	-0.823
1521	15.20	-1.029	-1.225	-1.346	-1.330	-1.154	-0.852	-0.505	-0.205	-0.021	0.039
1531	15.30	0.026	0.023	0.103	0.287	0.532	0.749	0.842	0.752	0.489	0.124
1541	15.40	-0.239	-0.505	-0.619	-0.581	-0.431	-0.225	-0.006	0.207	0.413	0.615
1551	15.50	0.803	0.952	1.028	1.003	0.868	0.638	0.346	0.031	-0.273	-0.546
1561	15.60	-0.774	-0.951	-1.069	-1.122	-1.113	-1.058	-0.982	-0.916	-0.884	-0.886
1571	15.70	-0.899	-0.880	-0.783	-0.580	-0.273	0.099	0.468	0.759	0.910	0.892
1581	15.80	0.719	0.441	0.132	-0.137	-0.320	-0.409	-0.434	-0.453	-0.521	-0.668
1591	15.90	-0.882	-1.108	-1.267	-1.287	-1.131	-0.814	-0.401	0.018	0.354	0.553
1601	16.00	0.600	0.524	0.369	0.185	0.006	-0.148	-0.270	-0.356	-0.402	-0.412
1611	16.10	-0.401	-0.397	-0.434	-0.534	-0.695	-0.876	-1.012	-1.029	-0.884	-0.581
1621	16.20	-0.182	0.213	0.500	0.610	0.530	0.311	0.039	-0.197	-0.341	-0.388
1631	16.30	-0.376	-0.370	-0.420	-0.547	-0.726	-0.902	-1.011	-1.010	-0.893	-0.690
1641	16.40	-0.455	-0.241	-0.080	0.027	0.106	0.188	0.297	0.430	0.559	0.649
1651	16.50	0.668	0.610	0.496	0.368	0.266	0.216	0.217	0.244	0.267	0.261
1661	16.60	0.222	0.164	0.111	0.080	0.074	0.081	0.082	0.063	0.023	-0.024
1671	16.70	-0.061	-0.079	-0.078	-0.075	-0.087	-0.123	-0.182	-0.249	-0.311	-0.360
1681	16.80	-0.400	-0.446	-0.506	-0.577	-0.636	-0.656	-0.609	-0.490	-0.316	-0.122
1691	16.90	0.051	0.177	0.248	0.277	0.285	0.285	0.277	0.252	0.200	0.121
1701	17.00	0.035	-0.031	-0.052	-0.023	0.035	0.086	0.089	0.025	-0.091	-0.213
1711	17.10	-0.281	-0.243	-0.083	0.171	0.455	0.687	0.802	0.774	0.623	0.410
1721	17.20	0.207	0.072	0.026	0.045	0.081	0.078	0.013	-0.101	-0.209	-0.240
1731	17.30	-0.143	0.087	0.400	0.710	0.924	0.983	0.887	0.692	0.483	0.341
1741	17.40	0.302	0.352	0.438	0.498	0.492	0.422	0.321	0.237	0.203	0.223
1751	17.50	0.268	0.302	0.295	0.243	0.165	0.092	0.048	0.042	0.067	0.112
1761	17.60	0.173	0.257	0.376	0.534	0.718	0.892	1.014	1.052	1.000	0.880
1771	17.70	0.732	0.601	0.513	0.468	0.451	0.436	0.406	0.357	0.296	0.238
1781	17.80	0.189	0.150	0.112	0.068	0.012	-0.052	-0.114	-0.157	-0.160	-0.103
1791	17.90	0.031	0.243	0.514	0.802	1.048	1.191	1.194	1.061	0.837	0.592
1801	18.00	0.390	0.265	0.204	0.161	0.087	-0.043	-0.208	-0.352	-0.413	-0.358
1811	18.10	-0.203	-0.005	0.166	0.264	0.290	0.287	0.309	0.390	0.516	0.634
1821	18.20	0.679	0.615	0.451	0.244	0.060	-0.058	-0.110	-0.138	-0.192	-0.292
1831	18.30	-0.413	-0.489	-0.452	-0.268	0.040	0.399	0.719	0.938	1.038	1.051
1841	18.40	1.027	1.002	0.780	0.936	0.843	0.694	0.516	0.356	0.252	0.209
1851	18.50	0.194	0.156	0.053	-0.116	-0.310	-0.459	-0.507	-0.436	-0.274	-0.082
1861	18.60	0.083	0.189	0.243	0.277	0.316	0.364	0.397	0.374	0.269	0.082
1871	18.70	-0.155	-0.393	-0.587	-0.710	-0.759	-0.746	-0.689	-0.600	-0.490	-0.371
1881	18.80	-0.259	-0.168	-0.106	-0.064	-0.035	-0.001	0.029	0.032	-0.027	-0.166
1891	18.90	-0.371	-0.588	-0.745	-0.785	-0.696	-0.521	-0.342	-0.229	-0.215	-0.271
1901	19.00	-0.330	-0.331	-0.253	-0.133	-0.040	-0.033	-0.122	-0.261	-0.375	-0.412
1911	19.10	-0.375	-0.330	-0.363	-0.523	-0.788	-1.061	-1.226	-1.208	-1.024	-0.773
1921	19.20	-0.586	-0.551	-0.661	-0.823	-0.912	-0.848	-0.646	-0.406	-0.258	-0.278
1931	19.30	-0.443	-0.643	-0.750	-0.694	-0.514	-0.330	-0.276	-0.415	-0.691	-0.967
1941	19.40	-1.096	-1.016	-0.785	-0.553	-0.474	-0.611	-0.902	-1.190	-1.320	-1.230
1951	19.50	-0.988	-0.753	-0.679	-0.826	-1.119	-1.400	-1.517	-1.417	-1.176	-0.955
1961	19.60	-0.897	-1.050	-1.331	-1.587	-1.679	-1.573	-1.351	-1.162	-1.132	-1.285
1971	19.70	-1.536	-1.744	-1.802	-1.695	-1.511	-1.377	-1.383	-1.529	-1.728	-1.868
1981	19.80	-1.881	-1.783	-1.658	-1.599	-1.650	-1.777	-1.902	-1.953	-1.918	-1.845
1991	19.90	-1.809	-1.852	-1.958	-2.065	-2.120	-2.122	-2.133	-2.234	-2.455	-2.736

Table 7-63-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1255 605-DA-1-3 U-D (U-D) SUSOBANA DAM MAX. ACC. = -4.980 (GAL) T= 0.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-4.980	-3.239	-0.740	1.802	3.704	4.560	4.341	3.346	2.023	0.772
11	0.10	-0.190	-0.865	-1.301	-1.670	-1.988	-2.208	-2.251	-2.082	-1.741	-1.323
21	0.20	-0.907	-0.493	0.010	0.725	1.713	2.879	3.968	4.639	4.607	3.780
31	0.30	2.322	0.605	-0.931	-1.945	-2.310	-2.135	-1.668	-1.163	-0.760	-0.441
41	0.40	-0.086	0.425	1.106	1.833	2.386	2.556	2.246	1.526	0.603	-0.266
51	0.50	-0.880	-1.169	-1.193	-1.092	-1.010	-1.028	-1.149	-1.326	-1.508	-1.666
61	0.60	-1.804	-1.923	-1.997	-1.958	-1.721	-1.235	-0.532	0.266	0.970	1.397
71	0.70	1.447	1.141	0.616	0.067	-0.333	-0.502	-0.468	-0.346	-0.270	-0.332
81	0.80	-0.543	-0.834	-1.094	-1.220	-1.158	-0.913	-0.537	-0.101	0.335	0.733
91	0.90	1.070	1.334	1.509	1.561	1.541	1.399	1.190	0.964	0.769	0.641
101	1.00	0.589	0.598	0.639	0.686	0.722	0.744	0.756	0.762	0.754	0.721
111	1.10	0.650	0.533	0.379	0.205	0.037	-0.102	-0.197	-0.244	-0.248	-0.221
121	1.20	-0.173	-0.113	-0.048	0.018	0.079	0.130	0.164	0.175	0.161	0.116
131	1.30	0.043	-0.055	-0.166	-0.275	-0.368	-0.434	-0.473	-0.494	-0.517	-0.557
141	1.40	-0.623	-0.708	-0.793	-0.856	-0.881	-0.867	-0.826	-0.775	-0.723	-0.661
151	1.50	-0.559	-0.382	-0.105	0.264	0.685	1.086	1.392	1.552	1.555	1.437
161	1.60	1.262	1.097	0.984	0.926	0.890	0.830	0.704	0.501	0.242	-0.029
171	1.70	-0.265	-0.431	-0.519	-0.541	-0.526	-0.504	-0.496	-0.513	-0.556	-0.619
181	1.80	-0.693	-0.767	-0.828	-0.870	-0.891	-0.899	-0.910	-0.942	-1.001	-1.069
191	1.90	-1.107	-1.062	-0.887	-0.566	-0.129	0.354	0.790	1.099	1.241	1.236
201	2.00	1.146	1.056	1.031	1.090	1.202	1.300	1.315	1.207	0.980	0.680
211	2.10	0.371	0.106	-0.091	-0.231	-0.346	-0.466	-0.602	-0.740	-0.846	-0.892
221	2.20	-0.868	-0.793	-0.708	-0.659	-0.675	-0.757	-0.878	-0.993	-1.058	-1.047
231	2.30	-0.956	-0.800	-0.605	-0.394	-0.179	0.036	0.250	0.456	0.638	0.771
241	2.40	0.832	0.805	0.694	0.525	0.334	0.163	0.044	-0.009	-0.001	0.048
251	2.50	0.112	0.169	0.208	0.229	0.241	0.255	0.274	0.298	0.317	0.322
261	2.60	0.306	0.271	0.223	0.174	0.133	0.104	0.086	0.073	0.059	0.039
271	2.70	0.014	-0.013	-0.039	-0.065	-0.089	-0.115	-0.141	-0.163	-0.173	-0.163
281	2.80	-0.131	-0.077	-0.012	0.053	0.106	0.142	0.159	0.160	0.146	0.115
291	2.90	0.061	-0.024	-0.140	-0.277	-0.415	-0.525	-0.582	-0.570	-0.493	-0.373
301	3.00	-0.243	-0.137	-0.079	-0.073	-0.107	-0.158	-0.198	-0.211	-0.193	-0.154
311	3.10	-0.110	-0.079	-0.068	-0.077	-0.094	-0.104	-0.099	-0.077	-0.045	-0.015
321	3.20	0.002	0.002	-0.009	-0.021	-0.021	-0.004	0.027	0.059	0.081	0.085
331	3.30	0.071	0.054	0.048	0.063	0.099	0.142	0.172	0.175	0.150	0.114
341	3.40	0.095	0.116	0.179	0.261	0.314	0.290	0.160	-0.066	-0.331	-0.550
351	3.50	-0.640	-0.553	-0.302	0.045	0.382	0.607	0.659	0.542	0.318	0.081
361	3.60	-0.082	-0.128	-0.072	0.026	0.091	0.068	-0.051	-0.219	-0.362	-0.402
371	3.70	-0.301	-0.069	0.231	0.515	0.703	0.750	0.662	0.484	0.280	0.111
381	3.80	0.011	-0.020	-0.008	0.011	0.006	-0.038	-0.115	-0.207	-0.292	-0.351
391	3.90	-0.377	-0.373	-0.349	-0.315	-0.280	-0.247	-0.218	-0.192	-0.169	-0.149
401	4.00	-0.135	-0.125	-0.117	-0.109	-0.097	-0.079	-0.056	-0.030	-0.008	0.008
411	4.10	0.017	0.021	0.027	0.041	0.065	0.097	0.127	0.146	0.168	0.138
421	4.20	0.132	0.151	0.214	0.329	0.480	0.635	0.752	0.792	0.739	0.601
431	4.30	0.412	0.221	0.067	-0.025	-0.062	-0.069	-0.077	-0.112	-0.179	-0.265
441	4.40	-0.347	-0.405	-0.437	-0.456	-0.482	-0.539	-0.631	-0.742	-0.841	-0.891
451	4.50	-0.865	-0.759	-0.586	-0.376	-0.157	0.046	0.225	0.377	0.500	0.590
461	4.60	0.636	0.624	0.552	0.429	0.280	0.137	0.030	-0.027	-0.039	-0.031
471	4.70	-0.032	-0.067	-0.143	-0.244	-0.343	-0.408	-0.420	-0.377	-0.296	-0.204
481	4.80	-0.126	-0.078	-0.057	-0.049	-0.037	-0.006	0.044	0.100	0.147	0.167
491	4.90	0.157	0.124	0.087	0.065	0.074	0.115	0.181	0.254	0.319	0.370

Table 7-63-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1255 605-DA-1-3 U-D (U-D) SUSOBANA DAM MAX. ACC. = -4.980 (GAL) T= 0.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.408	0.442	0.484	0.537	0.595	0.642	0.662	0.643	0.584	0.498
511	5.10	0.406	0.326	0.271	0.243	0.230	0.216	0.191	0.148	0.094	0.038
521	5.20	-0.008	-0.040	-0.060	-0.080	-0.110	-0.156	-0.215	-0.275	-0.320	-0.335
531	5.30	-0.313	-0.259	-0.184	-0.107	-0.044	-0.005	0.009	0.003	-0.012	-0.027
541	5.40	-0.034	-0.033	-0.024	-0.013	-0.004	0.002	0.004	0.006	0.009	0.015
551	5.50	0.023	0.031	0.039	0.044	0.046	0.049	0.053	0.059	0.067	0.075
561	5.60	0.083	0.088	0.091	0.093	0.097	0.103	0.112	0.121	0.130	0.135
571	5.70	0.137	0.138	0.141	0.148	0.159	0.170	0.179	0.183	0.183	0.181
581	5.80	0.184	0.193	0.210	0.228	0.238	0.234	0.209	0.165	0.112	0.059
591	5.90	0.015	-0.016	-0.037	-0.055	-0.077	-0.106	-0.142	-0.179	-0.211	-0.237
601	6.00	-0.257	-0.278	-0.306	-0.341	-0.380	-0.417	-0.444	-0.462	-0.476	-0.496
611	6.10	-0.530	-0.580	-0.634	-0.674	-0.679	-0.636	-0.547	-0.429	-0.307	-0.208
621	6.20	-0.142	-0.107	-0.083	-0.049	0.012	0.098	0.191	0.267	0.299	0.276
631	6.30	0.206	0.109	0.013	-0.063	-0.108	-0.129	-0.135	-0.140	-0.146	-0.151
641	6.40	-0.148	-0.132	-0.106	-0.080	-0.065	-0.068	-0.087	-0.111	-0.125	-0.118
651	6.50	-0.092	-0.057	-0.034	-0.038	-0.077	-0.146	-0.230	-0.315	-0.390	-0.458
661	6.60	-0.524	-0.599	-0.682	-0.762	-0.821	-0.838	-0.802	-0.717	-0.601	-0.478
671	6.70	-0.373	-0.298	-0.251	-0.220	-0.189	-0.148	-0.092	-0.029	0.035	0.093
681	6.80	0.147	0.199	0.255	0.313	0.368	0.408	0.423	0.409	0.372	0.326
691	6.90	0.287	0.266	0.265	0.279	0.296	0.305	0.299	0.283	0.264	0.250
701	7.00	0.246	0.250	0.257	0.261	0.257	0.245	0.231	0.219	0.214	0.216
711	7.10	0.219	0.221	0.216	0.207	0.195	0.185	0.180	0.179	0.181	0.180
721	7.20	0.176	0.168	0.157	0.148	0.143	0.141	0.141	0.139	0.135	0.127
731	7.30	0.117	0.109	0.103	0.101	0.100	0.097	0.092	0.084	0.075	0.067
741	7.40	0.062	0.059	0.057	0.054	0.048	0.040	0.031	0.023	0.017	0.015
751	7.50	0.013	0.010	0.004	-0.006	-0.017	-0.028	-0.033	-0.032	-0.022	-0.006
761	7.60	0.014	0.035	0.054	0.069	0.080	0.089	0.096	0.103	0.113	0.125
771	7.70	0.138	0.152	0.165	0.177	0.185	0.193	0.200	0.210	0.222	0.236
781	7.80	0.251	0.264	0.274	0.280	0.284	0.289	0.299	0.314	0.334	0.356
791	7.90	0.372	0.377	0.365	0.332	0.279	0.210	0.132	0.055	-0.012	-0.063
801	8.00	-0.099	-0.124	-0.147	-0.180	-0.229	-0.297	-0.374	-0.445	-0.491	-0.498
811	8.10	-0.459	-0.380	-0.277	-0.171	-0.080	-0.015	0.026	0.051	0.074	0.109
821	8.20	0.162	0.231	0.307	0.374	0.419	0.429	0.399	0.330	0.231	0.119
831	8.30	0.011	-0.073	-0.126	-0.148	-0.154	-0.165	-0.204	-0.281	-0.388	-0.497
841	8.40	-0.568	-0.566	-0.468	-0.282	-0.044	0.194	0.377	0.469	0.464	0.383
851	8.50	0.269	0.164	0.099	0.081	0.098	0.126	0.143	0.136	0.108	0.072
861	8.60	0.042	0.027	0.027	0.032	0.034	0.024	0.006	-0.022	-0.045	-0.059
871	8.70	-0.064	-0.065	-0.068	-0.078	-0.096	-0.118	-0.139	-0.155	-0.163	-0.165
881	8.80	-0.163	-0.162	-0.162	-0.164	-0.166	-0.167	-0.167	-0.167	-0.168	-0.172
891	8.90	-0.177	-0.182	-0.186	-0.188	-0.189	-0.189	-0.191	-0.194	-0.198	-0.202
901	9.00	-0.206	-0.209	-0.211	-0.212	-0.214	-0.217	-0.221	-0.224	-0.227	-0.231
911	9.10	-0.235	-0.239	-0.242	-0.242	-0.239	-0.231	-0.219	-0.206	-0.194	-0.185
921	9.20	-0.180	-0.178	-0.175	-0.171	-0.163	-0.154	-0.145	-0.138	-0.134	-0.131
931	9.30	-0.127	-0.122	-0.114	-0.104	-0.096	-0.090	-0.086	-0.084	-0.081	-0.075
941	9.40	-0.065	-0.055	-0.046	-0.041	-0.039	-0.038	-0.035	-0.029	-0.018	-0.006
951	9.50	0.004	0.009	0.009	0.008	0.008	0.015	0.027	0.043	0.055	0.061
961	9.60	0.059	0.052	0.048	0.053	0.069	0.092	0.116	0.128	0.122	0.093
971	9.70	0.044	-0.020	-0.094	-0.174	-0.259	-0.346	-0.430	-0.502	-0.547	-0.555
981	9.80	-0.522	-0.453	-0.361	-0.264	-0.181	-0.119	-0.077	-0.048	-0.020	0.014
991	9.90	0.056	0.103	0.150	0.195	0.240	0.287	0.339	0.392	0.437	0.461

Table 7-63-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1255 60S-DA-1-3 U-D (U-D) SUSOBANA DAM MAX. ACC. = -4.980 (GAL) T= 0.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.452	0.409	0.342	0.266	0.200	0.157	0.138	0.133	0.129	0.113
1011	10.10	0.081	0.038	-0.005	-0.039	-0.059	-0.070	-0.081	-0.104	-0.141	-0.187
1021	10.20	-0.232	-0.262	-0.266	-0.244	-0.201	-0.148	-0.097	-0.055	-0.024	-0.001
1031	10.30	0.017	0.034	0.052	0.073	0.097	0.125	0.155	0.185	0.212	0.235
1041	10.40	0.253	0.269	0.287	0.312	0.344	0.379	0.413	0.438	0.453	0.463
1051	10.50	0.475	0.498	0.533	0.578	0.619	0.647	0.656	0.653	0.653	0.673
1061	10.60	0.721	0.789	0.856	0.889	0.865	0.774	0.633	0.472	0.326	0.215
1071	10.70	0.140	0.078	0.000	-0.118	-0.276	-0.450	-0.597	-0.673	-0.652	-0.538
1081	10.80	-0.361	-0.167	0.000	0.111	0.165	0.179	0.184	0.209	0.269	0.365
1091	10.90	0.483	0.600	0.693	0.742	0.733	0.662	0.536	0.370	0.189	0.021
1101	11.00	-0.111	-0.195	-0.233	-0.244	-0.255	-0.290	-0.361	-0.462	-0.568	-0.648
1111	11.10	-0.675	-0.638	-0.545	-0.419	-0.292	-0.191	-0.128	-0.099	-0.086	-0.068
1121	11.20	-0.027	0.040	0.124	0.206	0.264	0.281	0.253	0.187	0.101	0.015
1131	11.30	-0.054	-0.097	-0.118	-0.128	-0.141	-0.167	-0.209	-0.262	-0.312	-0.351
1141	11.40	-0.374	-0.385	-0.399	-0.427	-0.476	-0.541	-0.604	-0.645	-0.643	-0.591
1151	11.50	-0.499	-0.385	-0.275	-0.187	-0.127	-0.087	-0.050	-0.001	0.065	0.141
1161	11.60	0.209	0.249	0.249	0.208	0.140	0.067	0.009	-0.023	-0.031	-0.026
1171	11.70	-0.022	-0.030	-0.054	-0.088	-0.122	-0.149	-0.164	-0.170	-0.174	-0.185
1181	11.80	-0.207	-0.237	-0.270	-0.298	-0.315	-0.317	-0.307	-0.290	-0.269	-0.250
1191	11.90	-0.235	-0.225	-0.217	-0.212	-0.206	-0.200	-0.193	-0.186	-0.177	-0.169
1201	12.00	-0.160	-0.152	-0.145	-0.138	-0.131	-0.124	-0.116	-0.108	-0.100	-0.092
1211	12.10	-0.085	-0.078	-0.071	-0.064	-0.056	-0.048	-0.040	-0.033	-0.026	-0.019
1221	12.20	-0.012	-0.004	0.005	0.012	0.019	0.026	0.032	0.039	0.048	0.057
1231	12.30	0.066	0.072	0.074	0.070	0.064	0.057	0.052	0.051	0.053	0.056
1241	12.40	0.058	0.058	0.055	0.051	0.048	0.047	0.050	0.053	0.055	0.053
1251	12.50	0.050	0.045	0.041	0.041	0.044	0.049	0.052	0.052	0.046	0.037
1261	12.60	0.029	0.026	0.031	0.046	0.071	0.104	0.142	0.185	0.231	0.278
1271	12.70	0.323	0.359	0.381	0.383	0.364	0.326	0.274	0.217	0.164	0.121
1281	12.80	0.091	0.071	0.057	0.042	0.023	-0.005	-0.041	-0.080	-0.119	-0.151
1291	12.90	-0.173	-0.182	-0.178	-0.163	-0.142	-0.119	-0.099	-0.084	-0.076	-0.074
1301	13.00	-0.073	-0.071	-0.067	-0.059	-0.049	-0.039	-0.030	-0.024	-0.019	-0.015
1311	13.10	-0.010	-0.004	0.004	0.013	0.021	0.028	0.034	0.039	0.045	0.051
1321	13.20	0.058	0.066	0.074	0.081	0.088	0.093	0.099	0.105	0.112	0.119
1331	13.30	0.127	0.134	0.141	0.148	0.154	0.159	0.165	0.172	0.180	0.187
1341	13.40	0.195	0.202	0.209	0.214	0.219	0.225	0.232	0.241	0.251	0.260
1351	13.50	0.267	0.269	0.265	0.256	0.243	0.229	0.217	0.208	0.203	0.200
1361	13.60	0.197	0.193	0.187	0.180	0.171	0.164	0.159	0.154	0.150	0.145
1371	13.70	0.139	0.132	0.125	0.118	0.113	0.108	0.104	0.099	0.093	0.086
1381	13.80	0.079	0.073	0.067	0.063	0.058	0.053	0.047	0.041	0.036	0.028
1391	13.90	0.023	0.018	0.014	0.008	0.003	-0.004	-0.010	-0.016	-0.020	-0.025
1401	14.00	-0.030	-0.036	-0.042	-0.049	-0.056	-0.063	-0.069	-0.074	-0.079	-0.084
1411	14.10	-0.091	-0.097	-0.104	-0.110	-0.115	-0.120	-0.125	-0.131	-0.137	-0.144
1421	14.20	-0.150	-0.156	-0.161	-0.166	-0.171	-0.177	-0.183	-0.189	-0.195	-0.200
1431	14.30	-0.205	-0.210	-0.215	-0.221	-0.227	-0.233	-0.239	-0.244	-0.249	-0.253
1441	14.40	-0.258	-0.264	-0.270	-0.276	-0.282	-0.286	-0.291	-0.295	-0.300	-0.306
1451	14.50	-0.313	-0.319	-0.324	-0.328	-0.331	-0.335	-0.340	-0.347	-0.355	-0.362
1461	14.60	-0.367	-0.369	-0.370	-0.371	-0.376	-0.386	-0.400	-0.412	-0.418	-0.409
1471	14.70	-0.382	-0.336	-0.278	-0.214	-0.156	-0.109	-0.075	-0.052	-0.031	-0.005
1481	14.80	0.031	0.078	0.130	0.179	0.217	0.236	0.236	0.221	0.200	0.180
1491	14.90	0.167	0.163	0.166	0.172	0.178	0.180	0.178	0.175	0.172	0.171

Table 7-63-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1255 60S-DA-1-3 U-D (U-D) SUSOBANA DAM MAX. ACC. = -4.980 (GAL) T= 0.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	0.172	0.174	0.175	0.176	0.175	0.173	0.172	0.172	0.173	0.174
1511	15.10	0.175	0.175	0.174	0.173	0.173	0.173	0.174	0.175	0.175	0.175
1521	15.20	0.175	0.174	0.174	0.175	0.176	0.176	0.176	0.176	0.175	0.175
1531	15.30	0.177	0.178	0.179	0.178	0.174	0.167	0.157	0.147	0.139	0.132
1541	15.40	0.127	0.124	0.120	0.115	0.109	0.103	0.096	0.089	0.084	0.080
1551	15.50	0.076	0.071	0.065	0.059	0.052	0.046	0.041	0.036	0.032	0.027
1561	15.60	0.022	0.015	0.009	0.003	-0.003	-0.007	-0.011	-0.016	-0.021	-0.028
1571	15.70	-0.034	-0.041	-0.046	-0.050	-0.054	-0.059	-0.064	-0.071	-0.077	-0.084
1581	15.80	-0.089	-0.093	-0.097	-0.101	-0.107	-0.114	-0.121	-0.127	-0.132	-0.135
1591	15.90	-0.137	-0.141	-0.148	-0.158	-0.167	-0.174	-0.175	-0.167	-0.152	-0.133
1601	16.00	-0.114	-0.098	-0.086	-0.079	-0.074	-0.067	-0.058	-0.047	-0.035	-0.023
1611	16.10	-0.014	-0.006	0.002	0.010	0.021	0.032	0.044	0.053	0.061	0.069
1621	16.20	0.077	0.088	0.101	0.115	0.125	0.131	0.128	0.118	0.104	0.089
1631	16.30	0.076	0.067	0.063	0.061	0.060	0.058	0.056	0.055	0.056	0.059
1641	16.40	0.063	0.067	0.069	0.069	0.067	0.065	0.064	0.064	0.066	0.069
1651	16.50	0.071	0.072	0.072	0.070	0.069	0.070	0.071	0.073	0.075	0.076
1661	16.60	0.077	0.076	0.075	0.075	0.076	0.078	0.080	0.082	0.082	0.082
1671	16.70	0.082	0.081	0.082	0.084	0.086	0.088	0.089	0.089	0.088	0.088
1681	16.80	0.089	0.092	0.096	0.099	0.097	0.091	0.079	0.063	0.046	0.032
1691	16.90	0.021	0.014	0.009	0.004	-0.003	-0.013	-0.025	-0.037	-0.047	-0.055
1701	17.00	-0.060	-0.066	-0.073	-0.082	-0.094	-0.107	-0.117	-0.125	-0.129	-0.133
1711	17.10	-0.139	-0.148	-0.161	-0.176	-0.190	-0.198	-0.198	-0.188	-0.171	-0.149
1721	17.20	-0.127	-0.108	-0.094	-0.084	-0.076	-0.069	-0.059	-0.047	-0.033	-0.019
1731	17.30	-0.007	0.003	0.012	0.021	0.032	0.046	0.061	0.075	0.087	0.095
1741	17.40	0.100	0.107	0.119	0.138	0.163	0.187	0.199	0.188	0.144	0.065
1751	17.50	-0.043	-0.168	-0.289	-0.389	-0.452	-0.473	-0.455	-0.410	-0.354	-0.301
1761	17.60	-0.264	-0.244	-0.240	-0.241	-0.241	-0.233	-0.217	-0.196	-0.177	-0.162
1771	17.70	-0.154	-0.148	-0.142	-0.131	-0.115	-0.096	-0.078	-0.064	-0.057	-0.051
1781	17.80	-0.045	-0.033	-0.015	0.005	0.024	0.037	0.043	0.046	0.051	0.064
1791	17.90	0.084	0.108	0.129	0.141	0.144	0.142	0.143	0.157	0.184	0.218
1801	18.00	0.249	0.260	0.245	0.201	0.136	0.064	-0.005	-0.065	-0.115	-0.162
1811	18.10	-0.209	-0.257	-0.298	-0.324	-0.326	-0.301	-0.258	-0.208	-0.166	-0.139
1821	18.20	-0.130	-0.132	-0.136	-0.132	-0.118	-0.097	-0.073	-0.054	-0.041	-0.035
1831	18.30	-0.031	-0.023	-0.010	0.007	0.027	0.044	0.057	0.066	0.073	0.081
1841	18.40	0.093	0.108	0.125	0.143	0.159	0.171	0.180	0.185	0.186	0.183
1851	18.50	0.179	0.172	0.165	0.159	0.156	0.155	0.156	0.158	0.160	0.160
1861	18.60	0.159	0.156	0.152	0.148	0.146	0.146	0.147	0.149	0.149	0.148
1871	18.70	0.144	0.139	0.135	0.133	0.134	0.136	0.139	0.139	0.135	0.129
1881	18.80	0.123	0.119	0.119	0.123	0.127	0.128	0.124	0.117	0.109	0.103
1891	18.90	0.103	0.107	0.113	0.115	0.112	0.103	0.093	0.086	0.085	0.090
1901	19.00	0.097	0.100	0.097	0.087	0.075	0.066	0.065	0.070	0.078	0.083
1911	19.10	0.080	0.069	0.055	0.045	0.043	0.049	0.058	0.063	0.059	0.048
1921	19.20	0.034	0.023	0.020	0.026	0.034	0.039	0.036	0.025	0.010	-0.001
1931	19.30	-0.005	-0.000	0.008	0.013	0.009	-0.002	-0.016	-0.027	-0.031	-0.028
1941	19.40	-0.021	-0.018	-0.021	-0.031	-0.044	-0.054	-0.059	-0.057	-0.053	-0.052
1951	19.50	-0.055	-0.064	-0.074	-0.083	-0.087	-0.089	-0.088	-0.090	-0.093	-0.100
1961	19.60	-0.107	-0.113	-0.118	-0.122	-0.126	-0.131	-0.136	-0.139	-0.142	-0.144
1971	19.70	-0.149	-0.156	-0.166	-0.175	-0.181	-0.182	-0.181	-0.180	-0.183	-0.192
1981	19.80	-0.206	-0.219	-0.228	-0.230	-0.227	-0.224	-0.224	-0.229	-0.238	-0.248
1991	19.90	-0.261	-0.279	-0.301	-0.321	-0.320	-0.275	-0.167	0.002	0.205	0.388

Table 7-64-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1256 605-DA-2-2 HA. (HA.) SUSOBANA DAM MAX. ACC. = -126.701 (GAL) T= 0.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-38.760	-70.348	-99.691	-120.040	-126.701	-118.361	-97.177	-67.693	-35.138	-3.865
11	0.10	23.481	45.881	63.225	75.516	82.447	83.596	78.983	69.564	57.246	44.288
21	0.20	32.337	21.622	10.785	-2.440	-19.948	-41.947	-66.266	-88.668	-104.115	-108.480
31	0.30	-100.002	-79.885	-51.826	-20.730	8.834	33.799	53.015	66.881	76.695	82.788
41	0.40	85.993	85.590	80.625	70.178	53.749	31.491	4.302	-26.131	-57.319	-86.044
51	0.50	-108.654	-121.640	-122.439	-110.227	-86.379	-54.364	-19.003	14.673	42.610	62.518
61	0.60	74.042	78.313	77.141	72.223	64.666	54.934	43.121	29.326	13.912	-2.440
71	0.70	-18.847	-34.349	-47.955	-58.588	-65.037	-66.046	-60.628	-48.523	-30.610	-9.030
81	0.80	13.114	32.462	46.262	53.082	53.092	47.808	39.429	30.042	21.009	12.741
91	0.90	4.880	-3.253	-12.175	-21.911	-31.907	-41.137	-48.330	-52.187	-51.572	-45.691
101	1.00	-34.271	-17.750	2.586	24.639	65.742	63.125	74.674	78.406	74.703	64.225
111	1.10	48.561	29.565	8.981	-11.744	-31.414	-48.912	-63.039	-72.496	-76.040	-72.781
121	1.20	-62.496	-45.842	-24.393	-0.472	23.184	43.851	59.268	68.018	69.765	65.275
131	1.30	56.180	44.515	32.130	20.169	8.798	-2.661	-15.221	-29.503	-45.083	-60.220
141	1.40	-72.119	-77.707	-74.641	-62.191	-41.636	-16.006	10.732	34.750	53.309	65.245
151	1.50	70.889	71.501	68.526	62.964	55.101	44.642	31.150	14.550	-4.693	-24.479
161	1.60	-43.280	-58.560	-68.272	-71.101	-66.727	-55.867	-40.105	-21.538	-2.355	15.558
171	1.70	30.874	42.889	51.381	56.361	57.831	55.680	49.770	40.176	27.449	12.748
181	1.80	-2.272	-15.811	-26.387	-33.224	-36.388	-36.606	-34.852	-31.887	-27.969	-22.868
191	1.90	-16.160	-7.647	2.302	12.691	22.124	29.250	33.205	33.849	31.716	27.705
201	2.00	22.678	17.144	11.170	4.544	-2.933	-11.146	-19.520	-27.081	-32.680	-35.294
211	2.10	-34.293	-29.580	-21.610	-11.297	0.152	11.422	21.282	28.766	33.298	34.754
221	2.20	33.409	29.794	24.490	17.960	10.483	2.229	-6.558	-15.374	-23.370	-29.455
231	2.30	-32.581	-32.096	-28.023	-21.132	-12.749	-4.363	2.802	8.104	11.569	13.610
241	2.40	14.891	15.795	16.338	16.171	14.790	11.808	7.175	1.253	-5.271	-11.576
251	2.50	-16.916	-20.761	-22.849	-23.141	-21.751	-18.872	-14.753	-9.696	-4.070	1.692
261	2.60	7.122	11.760	15.203	17.147	17.403	15.917	12.789	8.283	2.837	-2.970
271	2.70	-8.491	-13.121	-16.412	-18.158	-18.407	-17.401	-15.452	-12.817	-9.616	-5.843
281	2.80	-1.457	3.478	8.675	13.590	17.499	19.683	19.655	17.333	13.110	7.762
291	2.90	2.229	-2.648	-6.356	-8.808	-10.287	-11.251	-12.097	-12.968	-13.689	-13.845
301	3.00	-12.975	-10.791	-7.336	-3.012	1.519	5.534	8.451	9.976	10.144	9.253
311	3.10	7.732	6.200	4.363	2.967	1.814	0.816	-0.152	-1.190	-2.353	-3.621
321	3.20	-4.913	-4.093	-7.006	-7.515	-7.541	-7.083	-6.217	-5.068	-3.762	-2.389
331	3.30	-0.991	0.424	1.855	3.272	4.613	5.809	6.808	7.604	8.222	8.668
341	3.40	8.878	8.677	7.808	6.022	3.206	-0.511	-4.714	-8.782	-12.042	-13.971
351	3.50	-14.350	-13.314	-11.282	-8.763	-6.270	-3.977	-1.894	0.161	2.392	4.884
361	3.60	7.520	9.997	11.919	12.919	12.771	11.440	9.062	5.892	2.230	-1.620
371	3.70	-5.360	-8.686	-11.279	-12.822	-13.052	-11.840	-9.253	-5.591	-1.343	2.901
381	3.80	6.583	9.297	10.865	11.335	10.910	9.843	8.326	6.437	4.150	1.408
391	3.90	-1.777	-5.239	-8.662	-11.534	-13.460	-14.094	-13.340	-11.358	-8.512	-5.260
401	4.00	-2.031	0.875	3.315	5.279	6.814	7.951	8.656	8.831	8.348	7.121
411	4.10	5.157	2.590	-0.322	-3.236	-5.786	-7.648	-8.598	-8.550	-7.563	-5.816
421	4.20	-3.559	-1.056	1.665	3.840	5.962	7.743	9.074	9.806	9.769	8.835
431	4.30	6.997	4.430	1.499	-1.313	-3.534	-4.840	-5.164	-4.699	-3.816	-2.909
441	4.40	-2.237	-1.827	-1.481	-0.889	0.207	1.863	3.871	5.803	7.156	7.532
451	4.50	6.783	5.060	2.757	0.363	-1.699	-3.197	-4.129	-4.665	-5.038	-5.423
461	4.60	-5.855	-6.219	-6.307	-5.908	-4.890	-3.258	-1.149	1.207	3.549	5.640
471	4.70	7.297	8.400	8.879	8.702	7.869	6.422	4.461	2.156	-0.257	-2.501
481	4.80	-4.301	-5.434	-5.777	-5.334	-4.233	-2.699	-1.008	0.575	1.850	2.713
491	4.90	3.169	3.313	3.289	3.236	3.238	3.299	3.339	3.224	2.813	2.019

Table 7-64-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1256 605-DA-2-2 HA. (HA.) SUSOBANA DAM MAX. ACC. = -126.701 (GAL) T= 0.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.854	-0.560	-2.003	-3.213	-3.951	-4.067	-3.543	-2.493	-1.138	0.256
511	5.10	1.444	2.255	2.625	2.589	2.255	1.760	1.234	0.762	0.382	0.087
521	5.20	-0.159	-0.405	-0.692	-1.044	-1.452	-1.872	-2.222	-2.395	-2.274	-1.774
531	5.30	-0.869	0.385	1.843	3.302	4.547	5.401	5.770	5.651	5.119	4.286
541	5.40	3.256	2.104	0.872	-0.407	-1.677	-2.346	-3.793	-4.403	-4.605	-4.406
551	5.50	-3.881	-3.146	-2.301	-1.395	-0.413	0.690	1.936	3.263	4.510	5.442
561	5.60	5.821	5.496	4.466	2.893	1.057	-0.728	-2.209	-3.254	-3.859	-4.113
571	5.70	-4.130	-3.997	-3.740	-3.339	-2.755	-1.976	-1.028	0.025	1.101	2.121
581	5.80	3.024	3.755	4.252	4.443	4.252	3.628	2.580	1.199	-0.346	-1.841
591	5.90	-3.080	-3.917	-4.294	-4.244	-3.865	-3.277	-2.592	-1.892	-1.231	-0.641
601	6.00	-0.144	0.252	0.552	0.775	0.950	1.100	1.218	1.263	1.164	0.847
611	6.10	0.272	-0.539	-1.494	-2.450	-3.252	-3.774	-3.953	-3.792	-3.344	-2.690
621	6.20	-1.912	-1.090	-0.298	0.386	0.889	1.154	1.168	0.977	0.683	0.412
631	6.30	0.266	0.279	0.393	0.476	0.370	-0.044	-0.788	-1.774	-2.823	-3.720
641	6.40	-4.277	-4.383	-4.021	-3.258	-2.219	-1.046	0.122	1.166	2.000	2.573
651	6.50	2.879	2.953	2.862	2.672	2.416	2.071	1.553	0.759	-0.379	-1.836
661	6.60	-3.457	-4.983	-6.113	-6.601	-6.331	-5.358	-3.879	-2.164	-0.463	1.059
671	6.70	2.348	3.426	4.332	5.070	5.578	5.745	5.464	4.677	3.415	1.797
681	6.80	-0.001	-1.782	-3.374	-4.645	-5.514	-5.942	-5.935	-5.537	-4.833	-3.932
691	6.90	-2.945	-1.948	-0.961	0.054	1.166	2.420	3.784	5.128	6.235	6.864
701	7.00	6.829	6.070	4.679	2.883	0.980	-0.745	-2.084	-2.938	-3.315	-3.292
711	7.10	-2.973	-2.462	-1.845	-1.187	-0.537	0.070	0.617	1.101	1.533	1.923
721	7.20	2.265	2.528	2.662	2.619	2.370	1.923	1.323	0.635	-0.076	-0.767
731	7.30	-1.413	-1.991	-2.458	-2.741	-2.744	-2.380	-1.621	-0.526	0.757	2.015
741	7.40	3.036	3.669	3.859	3.656	3.180	2.568	1.926	1.308	0.715	0.135
751	7.50	-0.433	-0.951	-1.352	-1.558	-1.515	-1.216	-0.705	-0.063	0.619	1.266
761	7.60	1.833	2.302	2.666	2.917	3.033	2.979	2.721	2.240	1.546	0.684
771	7.70	-0.272	-1.228	-2.092	-2.781	-3.239	-3.439	-3.386	-3.111	-2.667	-2.121
781	7.80	-1.536	-0.970	-0.458	-0.017	0.358	0.688	0.997	1.306	1.621	1.930
791	7.90	2.203	2.397	2.461	2.355	2.050	1.547	0.873	0.088	-0.724	-1.469
801	8.00	-2.054	-2.404	-2.477	-2.263	-1.791	-1.112	-0.295	0.588	1.466	2.275
811	8.10	2.951	3.429	3.646	3.548	3.107	2.331	1.278	0.052	-1.210	-2.361
821	8.20	-3.275	-3.865	-4.090	-3.957	-3.504	-2.784	-1.856	-0.780	0.380	1.545
831	8.30	2.624	3.511	4.104	4.321	4.116	3.495	2.515	1.276	-0.089	-1.440
841	8.40	-2.641	-3.582	-4.186	-4.409	-4.254	-3.752	-2.966	-1.980	-0.900	0.161
851	8.50	1.087	1.773	2.146	2.180	1.905	1.405	0.796	0.193	-0.321	-0.723
861	8.60	-1.046	-1.353	-1.694	-2.069	-2.407	-2.584	-2.476	-2.015	-1.245	-0.325
871	8.70	0.508	1.017	1.053	0.612	-0.154	-0.992	-1.636	-1.900	-1.740	-1.258
881	8.80	-0.646	-0.110	0.217	0.309	0.245	0.150	0.133	0.232	0.401	0.537
891	8.90	0.538	0.351	0.003	-0.404	-0.740	-0.889	-0.800	-0.496	-0.060	0.395
901	9.00	0.771	1.005	1.074	0.985	0.755	0.402	-0.062	-0.615	-1.216	-1.802
911	9.10	-2.291	-2.602	-2.676	-2.494	-2.078	-1.490	-0.811	-0.123	0.502	1.009
921	9.20	1.364	1.554	1.585	1.486	1.305	1.028	0.913	0.776	0.675	0.567
931	9.30	0.394	0.110	-0.286	-0.745	-1.171	-1.451	-1.494	-1.267	-0.809	-0.213
941	9.40	0.397	0.912	1.271	1.466	1.538	1.547	1.543	1.551	1.563	1.549
951	9.50	1.475	1.316	1.065	0.731	0.338	-0.081	-0.486	-0.830	-1.063	-1.137
961	9.60	-1.025	-0.726	-0.280	0.244	0.761	1.193	1.491	1.649	1.698	1.689
971	9.70	1.666	1.650	1.624	1.545	1.360	1.032	0.563	-0.002	-0.584	-1.090
981	9.80	-1.441	-1.599	-1.570	-1.403	-1.164	-0.916	-0.693	-0.500	-0.321	-0.142
991	9.90	0.030	0.150	0.154	-0.018	-0.389	-0.911	-1.466	-1.894	-2.040	-1.810

Table 7-64-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1256 605-DA-2-2 HA. (HA.) SUSOBANA DAM MAX. ACC. = -126.701 (GAL) T= 0.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-1.211	-0.355	0.572	1.365	1.869	2.014	1.833	1.429	0.933	0.453
1011	10.10	0.047	-0.280	-0.554	-0.802	-1.029	-1.209	-1.298	-1.253	-1.050	-0.690
1021	10.20	-0.199	0.390	1.037	1.698	2.317	2.820	3.118	3.125	2.786	2.108
1031	10.30	1.172	0.126	-0.848	-1.587	-1.987	-2.033	-1.795	-1.395	-0.966	-0.603
1041	10.40	-0.339	-0.145	0.048	0.313	0.698	1.203	1.782	2.352	2.324	3.117
1051	10.50	3.177	2.983	2.540	1.878	1.044	0.098	-0.886	-1.824	-2.621	-3.191
1061	10.60	-3.461	-3.393	-2.992	-2.311	-1.435	-0.471	0.480	1.339	2.060	2.623
1071	10.70	3.025	3.261	3.318	3.171	2.797	2.192	1.386	0.451	-0.505	-1.365
1081	10.80	-2.020	-2.397	-2.469	-2.255	-1.809	-1.202	-0.506	0.211	0.896	1.509
1091	10.90	2.022	2.416	2.681	2.808	2.786	2.597	2.215	1.618	0.802	-0.198
1101	11.00	-1.298	-2.371	-3.263	-3.829	-3.972	-3.669	-2.978	-2.024	-0.965	0.053
1111	11.10	0.919	1.579	2.025	2.283	2.384	2.350	2.185	1.880	1.420	0.801
1121	11.20	0.037	-0.827	-1.721	-2.547	-3.194	-3.558	-3.559	-3.171	-2.430	-1.441
1131	11.30	-0.355	0.665	1.475	1.989	2.192	2.130	1.889	1.563	1.222	0.902
1141	11.40	0.601	0.295	-0.042	-0.429	-0.865	-1.330	-1.789	-2.200	-2.516	-2.692
1151	11.50	-2.690	-2.490	-2.092	-1.531	-0.864	-0.172	0.461	0.962	1.284	1.407
1161	11.60	1.340	1.111	0.758	0.323	-0.151	-0.623	-1.052	-1.406	-1.661	-1.811
1171	11.70	-1.872	-1.877	-1.870	-1.892	-1.968	-2.099	-2.256	-2.390	-2.444	-2.374
1181	11.80	-2.160	-1.819	-1.400	-0.975	-0.616	-0.373	-0.262	-0.259	-0.311	-0.355
1191	11.90	-0.343	-0.254	-0.099	0.088	0.265	0.403	0.497	0.558	0.610	0.671
1201	12.00	0.746	0.820	0.867	0.857	0.773	0.610	0.376	0.096	-0.201	-0.478
1211	12.10	-0.699	-0.831	-0.850	-0.756	-0.574	-0.358	-0.175	-0.090	-0.143	-0.329
1221	12.20	-0.600	-0.875	-1.066	-1.107	-0.971	-0.678	-0.289	0.120	0.476	0.724
1231	12.30	0.844	0.841	0.742	0.582	0.394	0.199	0.007	-0.186	-0.384	-0.587
1241	12.40	-0.779	-0.929	-0.998	-0.953	-0.788	-0.535	-0.255	-0.026	0.094	0.087
1251	12.50	-0.009	-0.113	-0.140	-0.035	0.196	0.480	0.705	0.770	0.627	0.306
1261	12.60	-0.093	-0.437	-0.615	-0.581	-0.368	-0.071	0.198	0.353	0.370	0.291
1271	12.70	0.200	0.186	0.303	0.552	0.876	1.192	1.413	1.484	1.399	1.197
1281	12.80	0.952	0.744	0.635	0.649	0.768	0.943	1.111	1.224	1.262	1.243
1291	12.90	1.204	1.182	1.186	1.189	1.134	0.964	0.650	0.221	-0.240	-0.624
1301	13.00	-0.836	-0.837	-0.663	-0.407	-0.184	-0.074	-0.093	-0.178	-0.225	-0.129
1311	13.10	0.162	0.628	1.180	1.702	2.093	2.301	2.335	2.245	2.096	1.936
1321	13.20	1.780	1.616	1.423	1.189	0.921	0.646	0.399	0.206	0.079	0.016
1331	13.30	0.009	0.049	0.131	0.251	0.401	0.559	0.698	0.788	0.807	0.755
1341	13.40	0.651	0.528	0.422	0.356	0.331	0.329	0.317	0.265	0.158	0.008
1351	13.50	-0.151	-0.271	-0.311	-0.257	-0.128	0.023	0.131	0.142	0.042	-0.129
1361	13.60	-0.291	-0.347	-0.222	0.099	0.564	1.065	1.475	1.696	1.693	1.499
1371	13.70	1.202	0.898	0.658	0.502	0.401	0.304	0.167	-0.020	-0.229	-0.411
1381	13.80	-0.518	-0.524	-0.435	-0.277	-0.081	0.135	0.363	0.605	0.854	1.088
1391	13.90	1.272	1.367	1.353	1.230	1.026	0.776	0.511	0.247	-0.017	-0.284
1401	14.00	-0.542	-0.757	-0.882	-0.870	-0.702	-0.397	-0.017	0.353	0.635	0.783
1411	14.10	0.793	0.699	0.558	0.422	0.324	0.269	0.239	0.206	0.142	0.028
1421	14.20	-0.141	-0.356	-0.591	-0.809	-0.964	-1.015	-0.932	-0.718	-0.406	-0.051
1431	14.30	0.273	0.508	0.624	0.622	0.529	0.379	0.194	-0.030	-0.310	-0.667
1441	14.40	-1.103	-1.584	-2.043	-2.399	-2.582	-2.562	-2.360	-2.045	-1.709	-1.431
1451	14.50	-1.250	-1.147	-1.055	-0.889	-0.587	-0.142	0.382	0.863	1.159	1.159
1461	14.60	0.830	0.234	-0.482	-1.135	-1.565	-1.686	-1.513	-1.145	-0.722	-0.368
1471	14.70	-0.148	-0.053	-0.021	0.020	0.116	0.261	0.406	0.484	0.452	0.306
1481	14.80	0.079	-0.175	-0.416	-0.630	-0.831	-1.040	-1.259	-1.461	-1.596	-1.616
1491	14.90	-1.505	-1.293	-1.050	-0.855	-0.761	-0.767	-0.822	-0.849	-0.784	-0.605

Table 7-64-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1256 605-DA-2-2 HA. (HA.) SUSOBANA DAM MAX. ACC. = -126.701 (GAL) T= 0.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.343	-0.061	0.169	0.299	0.313	0.218	0.027	-0.258	-0.642	-1.117
1511	15.10	-1.638	-2.119	-2.446	-2.520	-2.305	-1.858	-1.321	-0.876	-0.672	-0.766
1521	15.20	-1.096	-1.506	-1.809	-1.868	-1.646	-1.223	-0.754	-0.404	-0.281	-0.399
1531	15.30	-0.681	-0.998	-1.224	-1.281	-1.161	-0.916	-0.630	-0.390	-0.256	-0.257
1541	15.40	-0.388	-0.622	-0.915	-1.215	-1.468	-1.628	-1.666	-1.585	-1.412	-1.199
1551	15.50	-0.999	-0.847	-0.752	-0.696	-0.648	-0.580	-0.487	-0.384	-0.301	-0.266
1561	15.60	-0.279	-0.333	-0.401	-0.460	-0.510	-0.572	-0.680	-0.858	-1.102	-1.369
1571	15.70	-1.587	-1.680	-1.599	-1.341	-0.959	-0.542	-0.192	0.014	0.044	-0.082
1581	15.80	-0.299	-0.520	-0.664	-0.672	-0.523	-0.233	0.150	0.559	0.925	1.189
1591	15.90	1.320	1.324	1.238	1.122	1.043	1.045	1.140	1.296	1.450	1.532
1601	16.00	1.487	1.300	1.001	0.653	0.328	0.085	-0.047	-0.077	-0.032	0.056
1611	16.10	0.173	0.319	0.512	0.763	1.065	1.383	1.661	1.840	1.883	1.785
1621	16.20	1.587	1.358	1.178	1.110	1.182	1.374	1.628	1.861	1.993	1.977
1631	16.30	1.808	1.535	1.245	1.041	1.002	1.159	1.477	1.862	2.192	2.363
1641	16.40	2.321	2.093	1.773	1.488	1.348	1.400	1.613	1.890	2.115	2.201
1651	16.50	2.127	1.948	1.763	1.669	1.715	1.881	2.094	2.259	2.316	2.261
1661	16.60	2.149	2.064	2.075	2.203	2.404	2.597	2.698	2.659	2.486	2.227
1671	16.70	1.948	1.694	1.474	1.269	1.059	0.843	0.663	0.583	0.658	0.902
1681	16.80	1.264	1.643	1.925	2.038	1.980	1.828	1.699	1.700	1.873	2.174
1691	16.90	2.492	2.698	2.702	2.493	2.139	1.754	1.446	1.272	1.222	1.238
1701	17.00	1.254	1.234	1.194	1.186	1.265	1.448	1.698	1.930	2.048	1.985
1711	17.10	1.736	1.358	0.947	0.595	0.355	0.228	0.172	0.132	0.067	-0.032
1721	17.20	-0.148	-0.250	-0.316	-0.345	-0.347	-0.336	-0.313	-0.264	-0.173	-0.036
1731	17.30	0.126	0.263	0.313	0.228	-0.008	-0.363	-0.775	-1.166	-1.476	-1.676
1741	17.40	-1.771	-1.786	-1.753	-1.692	-1.612	-1.516	-1.416	-1.330	-1.284	-1.298
1751	17.50	-1.368	-1.466	-1.565	-1.555	-1.466	-1.282	-1.042	-0.805	-0.630	-0.556
1761	17.60	-0.586	-0.698	-0.849	-0.999	-1.120	-1.203	-1.253	-1.282	-1.299	-1.307
1771	17.70	-1.302	-1.283	-1.250	-1.209	-1.168	-1.133	-1.106	-1.082	-1.056	-1.026
1781	17.80	-0.999	-0.996	-1.040	-1.153	-1.345	-1.606	-1.909	-2.222	-2.514	-2.772
1791	17.90	-2.999	-3.206	-3.406	-3.600	-3.770	-3.895	-3.953	-3.947	-3.899	-3.849
1801	18.00	-3.836	-3.874	-3.950	-4.026	-4.058	-4.023	-3.931	-3.825	-3.760	-3.778
1811	18.10	-3.885	-4.056	-4.252	-4.440	-4.619	-4.806	-5.022	-5.262	-5.479	-5.600
1821	18.20	-5.564	-5.365	-5.074	-4.825	-4.756	-4.947	-5.365	-5.873	-6.278	-6.424
1831	18.30	-6.263	-5.880	-5.452	-5.155	-5.074	-5.167	-5.289	-5.292	-5.119	-4.861
1841	18.40	-4.723	-4.915	-5.511	-6.363	-7.106	-7.283	-6.530	-4.741	-2.144	0.759

Table 7-65-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1257 605-DA-2-2 U-D (U-D) SUSOBANA DAM MAX. ACC. = -13.340 (GAL) T= 0.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-8.859	-10.915	-11.115	-9.610	-7.007	-4.153	-1.867	-0.725	-0.952	-2.426
11	0.10	-4.782	-7.525	-10.144	-12.186	-13.311	-13.340	-12.293	-10.411	-8.125	-5.969
21	0.20	-4.440	-3.850	-4.230	-5.316	-6.644	-7.704	-8.112	-7.719	-6.630	-5.135
31	0.30	-3.586	-2.276	-1.386	-0.880	-0.742	-0.846	-1.099	-1.447	-1.868	-2.357
41	0.40	-2.909	-3.520	-4.190	-4.919	-5.689	-6.444	-7.074	-7.415	-7.292	-6.574
51	0.50	-5.235	-3.394	-1.299	0.722	2.346	3.339	3.608	3.210	2.318	1.156
61	0.60	-0.062	-1.182	-2.127	-2.886	-3.490	-3.983	-4.399	-4.749	-5.018	-5.166
71	0.70	-5.136	-4.665	-4.301	-3.430	-2.292	-0.993	0.303	1.406	2.154	2.462
81	0.80	2.355	1.969	1.507	1.169	1.078	1.232	1.501	1.677	1.555	1.019
91	0.90	0.090	-1.071	-2.217	-3.094	-3.513	-3.396	-2.777	-1.764	-0.495	0.895
101	1.00	2.287	3.561	4.591	5.242	5.403	5.020	4.133	2.882	1.472	0.115
111	1.10	-1.025	-1.870	-2.421	-2.717	-2.791	-2.639	-2.229	-1.541	-0.617	0.414
121	1.20	1.356	2.006	2.229	2.020	1.514	0.929	0.493	0.346	0.496	0.825
131	1.30	1.146	1.280	1.132	0.713	0.131	-0.458	-0.909	-1.130	-1.090	-0.818
141	1.40	-0.371	0.185	0.793	1.414	2.024	2.609	3.156	3.650	4.062	4.346
151	1.50	4.442	4.295	3.875	3.201	2.352	1.456	0.658	0.083	-0.196	-0.168
161	1.60	0.130	0.641	1.313	2.110	2.995	3.908	4.751	5.391	5.700	5.597
171	1.70	5.094	4.296	3.376	2.508	1.813	1.318	0.969	0.671	0.352	0.002
181	1.80	-0.324	-0.537	-0.566	-0.401	-0.098	0.244	0.531	0.721	0.832	0.932
191	1.90	1.089	1.336	1.651	1.964	2.196	2.293	2.245	2.077	1.828	1.514
201	2.00	1.123	0.623	-0.006	-0.737	-1.485	-2.116	-2.484	-2.479	-2.063	-1.284
211	2.10	-0.261	0.848	1.886	2.729	3.306	3.603	3.654	3.525	3.295	3.028
221	2.20	2.764	2.502	2.210	1.848	1.391	0.861	0.326	-0.114	-0.371	-0.409
231	2.30	-0.270	-0.063	0.080	0.057	-0.151	-0.469	-0.762	-0.896	-0.805	-0.528
241	2.40	-0.195	0.023	-0.011	-0.341	-0.906	-1.571	-2.184	-2.638	-2.903	-3.009
251	2.50	-3.011	-2.936	-2.767	-2.445	-1.917	-1.174	-0.281	0.635	1.422	1.962
261	2.60	2.205	2.181	1.979	1.698	1.418	1.175	0.967	0.773	0.575	0.363
271	2.70	0.131	-0.134	-0.450	-0.833	-1.274	-1.719	-2.076	-2.233	-2.111	-1.700
281	2.80	-1.080	-0.407	0.140	0.423	0.395	0.113	-0.288	-0.648	-0.846	-0.838
291	2.90	-0.665	-0.421	-0.210	-0.103	-0.111	-0.196	-0.289	-0.322	-0.258	-0.100
301	3.00	0.113	0.315	0.436	0.424	0.258	-0.042	-0.415	-0.771	-1.020	-1.100
311	3.10	-0.999	-0.762	-0.477	-0.241	-0.123	-0.140	-0.248	-0.374	-0.443	-0.424
321	3.20	-0.335	-0.241	-0.214	-0.300	-0.501	-0.767	-1.028	-1.227	-1.335	-1.365
331	3.30	-1.350	-1.321	-1.287	-1.233	-1.140	-1.003	-0.847	-0.723	-0.688	-0.771
341	3.40	-0.959	-1.192	-1.392	-1.489	-1.455	-1.310	-1.111	-0.925	-0.798	-0.748
351	3.50	-0.761	-0.814	-0.890	-0.984	-1.103	-1.243	-1.383	-1.481	-1.492	-1.385
361	3.60	-1.169	-0.890	-0.624	-0.446	-0.408	-0.519	-0.748	-1.032	-1.297	-1.475
371	3.70	-1.513	-1.381	-1.075	-0.627	-0.109	0.376	0.710	0.799	0.601	0.160
381	3.80	-0.406	-0.933	-1.274	-1.346	-1.168	-0.851	-0.548	-0.393	-0.446	-0.669
391	3.90	-0.954	-1.168	-1.212	-1.061	-0.764	-0.410	-0.089	0.150	0.312	0.432
401	4.00	0.551	0.681	0.798	0.852	0.799	0.624	0.352	0.039	-0.251	-0.473
411	4.10	-0.608	-0.663	-0.650	-0.579	-0.445	-0.247	0.005	0.272	0.495	0.614
421	4.20	0.595	0.454	0.256	0.094	0.051	0.167	0.421	0.742	1.041	1.243
431	4.30	1.321	1.290	1.193	1.071	0.941	0.792	0.598	0.344	0.044	-0.253
441	4.40	-0.485	-0.601	-0.588	-0.476	-0.328	-0.202	-0.131	-0.103	-0.068	0.030
451	4.50	0.227	0.514	0.836	1.112	1.270	1.270	1.119	0.866	0.579	0.324
461	4.60	0.143	0.056	0.062	0.153	0.315	0.531	0.768	0.980	1.114	1.120
471	4.70	0.978	0.708	0.373	0.062	-0.141	-0.184	-0.067	0.161	0.423	0.669
481	4.80	0.796	0.870	0.910	0.969	1.087	1.265	1.466	1.627	1.685	1.599
491	4.90	1.370	1.044	0.690	0.387	0.192	0.131	0.194	0.341	0.519	0.681

Table 7-65-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1257 605-DA-2-2 U-D (U-D) SUSOBANA DAM MAX. ACC. = -13.340 (GAL) T= 0.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.794	0.848	0.852	0.818	0.758	0.671	0.546	0.369	0.135	-0.139
511	5.10	-0.412	-0.623	-0.707	-0.618	-0.346	0.069	0.549	0.991	1.301	1.413
521	5.20	1.317	1.053	0.702	0.360	0.112	0.009	0.056	0.218	0.433	0.635
531	5.30	0.768	0.808	0.757	0.642	0.502	0.370	0.270	0.207	0.175	0.163
541	5.40	0.163	0.177	0.213	0.280	0.376	0.489	0.591	0.651	0.647	0.579
551	5.50	0.469	0.359	0.294	0.307	0.405	0.563	0.733	0.861	0.900	0.832
561	5.60	0.668	0.447	0.223	0.049	-0.036	-0.020	0.084	0.236	0.386	0.480
571	5.70	0.479	0.371	0.171	-0.077	-0.320	-0.504	-0.602	-0.616	-0.578	-0.543
581	5.80	-0.560	-0.659	-0.837	-1.061	-1.278	-1.436	-1.504	-1.478	-1.383	-1.257
591	5.90	-1.137	-1.044	-0.980	-0.932	-0.880	-0.809	-0.718	-0.617	-0.519	-0.438
601	6.00	-0.374	-0.317	-0.253	-0.170	-0.067	0.038	0.112	0.121	0.040	-0.135
611	6.10	-0.375	-0.631	-0.839	-0.949	-0.935	-0.808	-0.610	-0.405	-0.251	-0.193
621	6.20	-0.244	-0.389	-0.599	-0.836	-1.068	-1.272	-1.427	-1.516	-1.517	-1.416
631	6.30	-1.207	-0.908	-0.556	-0.206	0.086	0.282	0.370	0.368	0.318	0.265
641	6.40	0.243	0.262	0.311	0.361	0.378	0.335	0.223	0.069	-0.161	-0.374
651	6.50	-0.554	-0.675	-0.727	-0.722	-0.692	-0.677	-0.710	-0.800	-0.926	-1.039
661	6.60	-1.082	-1.018	-0.848	-0.620	-0.406	-0.280	-0.275	-0.371	-0.497	-0.561
671	6.70	-0.497	-0.298	-0.023	0.222	0.335	0.260	0.023	-0.280	-0.517	-0.581
681	6.80	-0.427	-0.102	0.283	0.595	0.734	0.670	0.449	0.173	-0.049	-0.144
691	6.90	-0.096	0.052	0.223	0.338	0.353	0.268	0.120	-0.035	-0.149	-0.201
701	7.00	-0.202	-0.184	-0.183	-0.218	-0.277	-0.325	-0.315	-0.215	-0.024	0.217
711	7.10	0.440	0.575	0.575	0.439	0.218	-0.011	-0.171	-0.213	-0.139	0.008
721	7.20	0.164	0.275	0.317	0.299	0.253	0.211	0.191	0.194	0.215	0.258
731	7.30	0.343	0.496	0.729	1.018	1.295	1.465	1.448	1.217	0.824	0.390
741	7.40	0.061	-0.054	0.074	0.378	0.725	0.974	1.040	0.927	0.720	0.541
751	7.50	0.488	0.589	0.794	1.004	1.118	1.082	0.906	0.651	0.391	0.174
761	7.60	0.012	-0.117	-0.239	-0.356	-0.436	-0.428	-0.295	-0.044	0.262	0.519
771	7.70	0.628	0.533	0.249	-0.134	-0.493	-0.710	-0.724	-0.547	-0.257	0.038
781	7.80	0.239	0.295	0.221	0.084	-0.022	-0.012	0.156	0.467	0.850	1.202
791	7.90	1.424	1.449	1.272	0.940	0.544	0.179	-0.090	-0.241	-0.303	-0.326
801	8.00	-0.356	-0.404	-0.443	-0.418	-0.281	-0.019	0.332	0.694	0.977	1.112
811	8.10	1.076	0.899	0.639	0.358	0.099	-0.126	-0.327	-0.513	-0.677	-0.798
821	8.20	-0.846	-0.801	-0.672	-0.494	-0.313	-0.168	-0.074	-0.021	0.011	0.037
831	8.30	0.053	0.038	-0.030	-0.153	-0.302	-0.424	-0.462	-0.385	-0.204	0.025
841	8.40	0.227	0.340	0.339	0.251	0.129	0.032	-0.008	0.004	0.033	0.041
851	8.50	0.005	-0.063	-0.133	-0.172	-0.172	-0.159	-0.181	-0.289	-0.504	-0.806
861	8.60	-1.134	-1.408	-1.562	-1.565	-1.428	-1.197	-0.932	-0.685	-0.492	-0.366
871	8.70	-0.309	-0.317	-0.382	-0.495	-0.642	-0.802	-0.950	-1.066	-1.141	-1.173
881	8.80	-1.170	-1.138	-1.079	-0.990	-0.869	-0.724	-0.572	-0.437	-0.338	-0.278
891	8.90	-0.239	-0.191	-0.108	0.014	0.148	0.243	0.245	0.129	-0.089	-0.342
901	9.00	-0.540	-0.596	-0.468	-0.172	0.220	0.603	0.878	0.982	0.906	0.690
911	9.10	0.404	0.120	-0.107	-0.251	-0.316	-0.322	-0.298	-0.264	-0.233	-0.204
921	9.20	-0.170	-0.117	-0.037	0.067	0.180	0.269	0.299	0.241	0.088	-0.133
931	9.30	-0.367	-0.546	-0.611	-0.533	-0.330	-0.063	0.189	0.356	0.401	0.335
941	9.40	0.209	0.094	0.050	0.107	0.256	0.456	0.653	0.804	0.883	0.891
951	9.50	0.845	0.765	0.668	0.563	0.452	0.337	0.230	0.146	0.107	0.129
961	9.60	0.215	0.350	0.499	0.619	0.666	0.612	0.448	0.196	-0.100	-0.385
971	9.70	-0.608	-0.736	-0.765	-0.721	-0.649	-0.599	-0.608	-0.685	-0.813	-0.949
981	9.80	-1.046	-1.062	-0.971	-0.770	-0.475	-0.113	0.282	0.674	1.022	1.287
991	9.90	1.429	1.421	1.255	0.956	0.581	0.212	-0.062	-0.171	-0.086	0.170

Table 7-65-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1257 605-DA-2-2 U-D (U-D) SUSOBANA DAM MAX. ACC. = -13.340 (GAL) T= 0.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.526	0.885	1.149	1.255	1.190	0.995	0.749	0.535	0.415	0.401
1011	10.10	0.461	0.531	0.548	0.480	0.344	0.194	0.104	0.127	0.272	0.494
1021	10.20	0.711	0.839	0.827	0.682	0.464	0.259	0.144	0.149	0.252	0.392
1031	10.30	0.499	0.529	0.482	0.397	0.328	0.313	0.356	0.430	0.495	0.525
1041	10.40	0.528	0.538	0.594	0.713	0.867	0.992	1.008	0.866	0.570	0.185
1051	10.50	-0.184	-0.442	-0.538	-0.489	-0.369	-0.270	-0.262	-0.357	-0.513	-0.654
1061	10.60	-0.715	-0.672	-0.552	-0.415	-0.318	-0.286	-0.295	-0.290	-0.217	-0.055
1071	10.70	0.160	0.350	0.428	0.341	0.099	-0.223	-0.505	-0.639	-0.560	-0.281
1081	10.80	0.123	0.541	0.872	1.060	1.104	1.050	0.960	0.880	0.824	0.771
1091	10.90	0.686	0.543	0.342	0.112	-0.097	-0.243	-0.303	-0.286	-0.225	-0.159
1101	11.00	-0.114	-0.093	-0.078	-0.044	0.024	0.116	0.204	0.250	0.228	0.137
1111	11.10	0.007	-0.119	-0.200	-0.221	-0.199	-0.179	-0.205	-0.300	-0.450	-0.603
1121	11.20	-0.691	-0.663	-0.503	-0.246	0.035	0.258	0.362	0.333	0.199	0.023
1131	11.30	-0.132	-0.225	-0.251	-0.237	-0.227	-0.256	-0.336	-0.452	-0.574	-0.669
1141	11.40	-0.716	-0.715	-0.683	-0.665	-0.624	-0.636	-0.684	-0.764	-0.861	-0.956
1151	11.50	-1.019	-1.021	-0.935	-0.756	-0.504	-0.235	-0.026	0.047	-0.063	-0.352
1161	11.60	-0.754	-1.161	-1.455	-1.550	-1.425	-1.133	-0.776	-0.472	-0.307	-0.307
1171	11.70	-0.434	-0.609	-0.752	-0.812	-0.791	-0.728	-0.675	-0.665	-0.690	-0.707
1181	11.80	-0.661	-0.516	-0.283	-0.020	0.186	0.258	0.164	-0.071	-0.371	-0.647
1191	11.90	-0.827	-0.888	-0.859	-0.794	-0.747	-0.735	-0.739	-0.712	-0.612	-0.433
1201	12.00	-0.210	-0.014	0.085	0.049	-0.102	-0.297	-0.440	-0.453	-0.309	-0.047
1211	12.10	0.250	0.483	0.580	0.520	0.339	0.103	-0.118	-0.278	-0.369	-0.409
1221	12.20	-0.424	-0.428	-0.411	-0.352	-0.233	-0.060	0.130	0.279	0.328	0.246
1231	12.30	0.065	-0.221	-0.475	-0.649	-0.705	-0.656	-0.546	-0.438	-0.377	-0.375
1241	12.40	-0.402	-0.408	-0.342	-0.178	0.066	0.338	0.565	0.681	0.651	0.482
1251	12.50	0.220	-0.066	-0.303	-0.438	-0.451	-0.353	-0.181	0.018	0.202	0.343
1261	12.60	0.454	0.541	0.637	0.768	0.939	1.131	1.304	1.406	1.395	1.254
1271	12.70	1.002	0.693	0.394	0.166	0.039	0.006	0.026	0.044	0.016	-0.071
1281	12.80	-0.195	-0.308	-0.360	-0.319	-0.185	0.009	0.216	0.392	0.514	0.587
1291	12.90	0.633	0.680	0.741	0.814	0.878	0.910	0.893	0.828	0.729	0.621
1301	13.00	0.527	0.463	0.437	0.451	0.505	0.595	0.715	0.846	0.964	1.040
1311	13.10	1.049	0.987	0.869	0.732	0.618	0.555	0.549	0.578	0.609	0.607
1321	13.20	0.564	0.497	0.441	0.435	0.496	0.613	0.747	0.848	0.879	0.833
1331	13.30	0.731	0.613	0.513	0.443	0.390	0.318	0.200	0.026	-0.180	-0.368
1341	13.40	-0.488	-0.503	-0.412	-0.242	-0.036	0.166	0.346	0.502	0.646	0.777
1351	13.50	0.881	0.922	0.867	0.700	0.438	0.136	-0.135	-0.314	-0.371	-0.318
1361	13.60	-0.204	-0.084	-0.002	0.033	0.043	0.064	0.125	0.231	0.355	0.460
1371	13.70	0.509	0.487	0.407	0.300	0.202	0.134	0.103	0.101	0.116	0.148
1381	13.80	0.205	0.300	0.438	0.605	0.773	0.905	0.972	0.967	0.905	0.817
1391	13.90	0.726	0.663	0.555	0.435	0.263	0.034	-0.227	-0.476	-0.666	-0.763
1401	14.00	-0.761	-0.680	-0.554	-0.419	-0.293	-0.181	-0.075	0.032	0.140	0.237
1411	14.10	0.305	0.327	0.295	0.213	0.095	-0.044	-0.192	-0.341	-0.489	-0.636
1421	14.20	-0.779	-0.911	-1.021	-1.090	-1.100	-1.035	-0.886	-0.661	-0.389	-0.121
1431	14.30	0.082	0.165	0.104	-0.083	-0.334	-0.560	-0.682	-0.657	-0.504	-0.295
1441	14.40	-0.126	-0.076	-0.167	-0.353	-0.534	-0.599	-0.469	-0.139	0.325	0.804
1451	14.50	1.174	1.352	1.317	1.115	0.829	0.544	0.319	0.171	0.081	0.013
1461	14.60	-0.067	-0.179	-0.327	-0.501	-0.683	-0.853	-0.989	-1.063	-1.051	-0.939
1471	14.70	-0.735	-0.476	-0.220	-0.033	0.036	-0.029	-0.200	-0.411	-0.589	-0.671
1481	14.80	-0.633	-0.491	-0.294	-0.103	0.031	0.084	0.058	-0.024	-0.132	-0.236
1491	14.90	-0.318	-0.366	-0.375	-0.342	-0.272	-0.177	-0.080	-0.012	-0.002	-0.067

Table 7-65-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1257 605-DA-2-2 U-D (U-D) SUSOBANA DAM MAX. ACC. = -13.340 (GAL) T= 0.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.205	-0.396	-0.604	-0.795	-0.945	-1.049	-1.117	-1.164	-1.202	-1.227
1511	15.10	-1.230	-1.198	-1.128	-1.035	-0.949	-0.899	-0.910	-0.981	-1.094	-1.221
1521	15.20	-1.336	-1.429	-1.504	-1.568	-1.618	-1.632	-1.567	-1.382	-1.060	-0.632
1531	15.30	-0.173	0.212	0.429	0.427	0.225	-0.096	-0.427	-0.672	-0.786	-0.790
1541	15.40	-0.752	-0.752	-0.840	-1.015	-1.223	-1.388	-1.447	-1.377	-1.204	-0.985
1551	15.50	-0.782	-0.635	-0.552	-0.511	-0.486	-0.458	-0.422	-0.386	-0.358	-0.331
1561	15.60	-0.290	-0.220	-0.124	-0.025	0.037	0.025	-0.073	-0.230	-0.385	-0.467
1571	15.70	-0.428	-0.263	-0.019	0.225	0.387	0.418	0.314	0.118	-0.101	-0.277
1581	15.80	-0.367	-0.360	-0.272	-0.136	0.014	0.145	0.234	0.266	0.237	0.162
1591	15.90	0.069	0.003	0.001	0.085	0.242	0.428	0.585	0.661	0.637	0.534
1601	16.00	0.402	0.301	0.266	0.299	0.369	0.435	0.468	0.471	0.473	0.509
1611	16.10	0.597	0.719	0.826	0.861	0.793	0.638	0.456	0.330	0.328	0.469
1621	16.20	0.709	0.966	1.145	1.186	1.084	0.886	0.669	0.508	0.445	0.488
1631	16.30	0.611	0.779	0.963	1.141	1.292	1.392	1.406	1.303	1.075	0.749
1641	16.40	0.395	0.103	-0.050	-0.033	0.121	0.325	0.473	0.493	0.374	0.183
1651	16.50	0.033	0.034	0.242	0.629	1.090	1.482	1.684	1.646	1.408	1.082
1661	16.60	0.804	0.680	0.745	0.953	1.205	1.391	1.440	1.365	1.164	0.988
1671	16.70	0.908	0.976	1.190	1.502	1.838	2.124	2.309	2.369	2.305	2.136
1681	16.80	1.886	1.585	1.266	0.967	0.723	0.566	0.507	0.538	0.629	0.746
1691	16.90	0.859	0.954	1.035	1.110	1.182	1.235	1.240	1.163	0.989	0.735
1701	17.00	0.456	0.223	0.100	0.115	0.243	0.419	0.560	0.604	0.534	0.392
1711	17.10	0.254	0.201	0.282	0.491	0.769	1.029	1.191	1.208	1.084	0.865
1721	17.20	0.612	0.384	0.210	0.092	0.013	-0.048	-0.101	-0.140	-0.147	-0.106
1731	17.30	-0.012	0.122	0.265	0.376	0.418	0.369	0.229	0.025	-0.196	-0.376
1741	17.40	-0.465	-0.437	-0.297	-0.090	0.117	0.254	0.274	0.171	-0.016	-0.218
1751	17.50	-0.362	-0.401	-0.333	-0.195	-0.048	0.054	0.090	0.078	0.066	0.099
1761	17.60	0.198	0.342	0.478	0.544	0.501	0.352	0.148	-0.040	-0.146	-0.141
1771	17.70	-0.045	0.085	0.179	0.187	0.095	-0.075	-0.277	-0.468	-0.624	-0.746
1781	17.80	-0.850	-0.957	-1.072	-1.192	-1.303	-1.397	-1.478	-1.561	-1.662	-1.788
1791	17.90	-1.929	-2.059	-2.152	-2.189	-2.174	-2.130	-2.086	-2.059	-2.050	-2.039
1801	18.00	-2.001	-1.923	-1.817	-1.720	-1.681	-1.736	-1.890	-2.112	-2.343	-2.525
1811	18.10	-2.621	-2.633	-2.599	-2.569	-2.583	-2.644	-2.721	-2.761	-2.718	-2.581
1821	18.20	-2.382	-2.191	-2.083	-2.107	-2.262	-2.496	-2.728	-2.884	-2.929	-2.886
1831	18.30	-2.817	-2.797	-2.872	-3.032	-3.215	-3.329	-3.305	-3.135	-2.886	-2.682
1841	18.40	-2.652	-2.868	-3.296	-3.797	-4.157	-4.164	-3.688	-2.731	-1.441	-0.059

Table 7-66-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1258 605-DA-2-2 HB. (HB.) SUSOBANA DAM MAX. ACC. = -34.187 (GAL) T= 0.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-8.284	-2.642	5.913	14.955	21.664	23.772	20.298	11.822	0.203	-12.086
11	0.10	-22.741	-30.216	-33.943	-34.187	-31.664	-27.165	-21.330	-14.651	-7.608	-0.821
21	0.20	4.931	8.865	10.455	9.684	7.131	3.829	0.936	-0.671	-0.699	0.476
31	0.30	1.982	2.805	2.186	-0.103	-3.710	-7.882	-11.788	-14.842	-16.877	-18.129
41	0.40	-19.008	-19.814	-20.486	-20.545	-19.236	-15.835	-9.991	-1.967	7.319	16.476
51	0.50	23.981	28.549	29.431	26.534	20.375	11.905	2.287	-7.305	-15.824	-22.442
61	0.60	-26.597	-28.034	-26.837	-23.415	-18.437	-12.693	-6.923	-1.665	2.832	6.573
71	0.70	9.702	12.340	14.458	15.839	16.156	15.112	12.595	8.764	4.043	-0.978
81	0.80	-5.694	-9.613	-12.438	-14.072	-14.568	-14.069	-12.752	-10.810	-8.439	-5.831
91	0.90	-3.150	-0.505	2.078	4.638	7.233	9.861	12.388	14.512	15.805	15.812
101	1.00	14.195	10.858	6.018	0.197	-5.882	-11.435	-15.774	-18.616	-19.134	-17.966
111	1.10	-15.048	-10.754	-5.440	0.484	6.565	12.309	17.192	20.704	22.434	22.153
121	1.20	19.882	15.911	10.753	5.046	-0.568	-5.556	-9.562	-12.412	-14.085	-14.655
131	1.30	-14.235	-12.950	-10.930	-8.309	-5.223	-1.803	1.851	5.610	9.388	12.994
141	1.40	16.134	18.405	19.354	18.596	15.966	11.622	6.068	0.055	-5.603	-10.235
151	1.50	-13.466	-15.257	-15.809	-15.401	-14.222	-12.285	-9.456	-5.597	-0.728	4.845
161	1.60	10.522	15.528	19.106	20.728	20.227	17.814	13.991	9.391	4.620	0.145
171	1.70	-3.739	-6.884	-9.231	-10.754	-11.428	-11.233	-10.168	-8.286	-5.707	-2.629
181	1.80	0.679	3.903	6.726	8.885	10.222	10.724	10.522	9.844	8.939	7.980
191	1.90	7.039	5.933	4.581	2.815	0.626	-1.818	-4.196	-6.128	-7.303	-7.572
201	2.00	-6.984	-5.736	-4.076	-2.202	-0.214	1.873	4.049	6.230	8.199	9.637
211	2.10	10.203	9.659	7.968	5.326	2.117	-1.194	-4.179	-6.543	-8.154	-9.010
221	2.20	-9.178	-8.734	-7.726	-6.187	-4.172	-1.792	0.766	3.253	5.402	6.982
231	2.30	7.840	7.927	7.293	6.070	4.438	2.592	0.720	-1.025	-2.536	-3.759
241	2.40	-4.691	-5.362	-5.810	-6.051	-6.068	-5.803	-5.183	-4.155	-2.721	-0.965
251	2.50	0.947	2.789	4.324	5.350	5.746	5.491	4.658	3.395	1.883	0.303
261	2.60	-1.194	-2.495	-3.527	-4.245	-4.623	-4.648	-4.325	-3.683	-2.786	-1.729
271	2.70	-0.630	0.397	1.261	1.917	2.366	2.640	2.779	2.800	2.683	2.379
281	2.80	1.833	1.021	-0.022	-1.185	-2.298	-3.166	-3.625	-3.581	-3.045	-2.127
291	2.90	-1.014	0.082	0.975	1.552	1.796	1.782	1.643	1.521	1.511	1.627
301	3.00	1.793	1.867	1.700	1.195	0.357	-0.697	-1.769	-2.641	-3.148	-3.230
311	3.10	-2.946	-2.439	-1.882	-1.410	-1.084	-0.887	-0.750	-0.604	-0.406	-0.161
321	3.20	0.098	0.330	0.516	0.656	0.764	0.840	0.859	0.773	0.534	0.122
331	3.30	-0.434	-1.063	-1.674	-2.192	-2.589	-2.884	-3.122	-3.337	-3.519	-3.608
341	3.40	-3.511	-3.148	-2.488	-1.578	-0.533	0.497	1.373	2.002	2.359	2.472
351	3.50	2.399	2.202	1.931	1.613	1.263	0.890	0.501	0.099	-0.315	-0.747
361	3.60	-1.198	-1.655	-2.087	-2.446	-2.679	-2.744	-2.626	-2.336	-1.907	-1.381
371	3.70	-0.796	-0.193	0.382	0.864	1.164	1.192	0.883	0.228	-0.698	-1.747
381	3.80	-2.730	-3.474	-3.865	-3.888	-3.611	-3.158	-2.651	-2.164	-1.708	-1.233
391	3.90	-0.671	0.026	0.853	1.739	2.570	3.219	3.580	3.599	3.281	2.681
401	4.00	1.891	1.009	0.126	-0.692	-1.406	-1.997	-2.461	-2.792	-2.975	-2.978
411	4.10	-2.762	-2.291	-1.562	-0.611	0.469	1.545	2.464	3.093	3.348	3.214
421	4.20	2.745	2.044	1.233	0.424	-0.305	-0.912	-1.383	-1.718	-1.921	-1.987
431	4.30	-1.914	-1.704	-1.369	-0.936	-0.444	0.071	0.572	1.029	1.414	1.693
441	4.40	1.833	1.802	1.588	1.211	0.735	0.259	-0.098	-0.234	-0.094	0.313
451	4.50	0.906	1.565	2.162	2.603	2.854	2.944	2.944	2.931	2.955	3.020
461	4.60	3.083	3.080	2.950	2.662	2.227	1.685	1.088	0.477	-0.124	-0.706
471	4.70	-1.259	-1.757	-2.146	-2.361	-2.342	-2.067	-1.565	-0.920	-0.247	0.339
481	4.80	0.756	0.980	1.040	1.003	0.937	0.891	0.872	0.853	0.788	0.637
491	4.90	0.382	0.044	-0.330	-0.675	-0.927	-1.042	-1.000	-0.806	-0.488	-0.088

Table 7-66-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1258 605-DA-2-2 HB. (HB.) SUSOBANA DAM MAX. ACC. = -34.187 (GAL) T= 0.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.345	0.764	1.121	1.378	1.509	1.502	1.363	1.117	0.807	0.484
511	5.10	0.202	0.002	-0.088	-0.068	0.044	0.209	0.381	0.518	0.593	0.597
521	5.20	0.545	0.465	0.394	0.362	0.387	0.465	0.574	0.682	0.754	0.764
531	5.30	0.699	0.563	0.370	0.137	-0.115	-0.368	-0.602	-0.793	-0.913	-0.933
541	5.40	-0.838	-0.633	-0.354	-0.060	0.185	0.332	0.373	0.342	0.306	0.336
551	5.50	0.462	0.672	0.887	1.003	0.928	0.630	0.153	-0.391	-0.866	-1.159
561	5.60	-1.226	-1.104	-0.884	-0.668	-0.520	-0.442	-0.382	-0.272	-0.066	0.224
571	5.70	0.531	0.768	0.867	0.814	0.656	0.473	0.334	0.262	0.220	0.134
581	5.80	-0.064	-0.394	-0.806	-1.200	-1.468	-1.539	-1.418	-1.172	-0.903	-0.695
591	5.90	-0.582	-0.537	-0.501	-0.424	-0.298	-0.168	-0.108	-0.178	-0.387	-0.678
601	6.00	-0.948	-1.094	-1.065	-0.885	-0.646	-0.473	-0.465	-0.650	-0.976	-1.323
611	6.10	-1.556	-1.575	-1.347	-0.918	-0.388	0.119	0.500	0.690	0.675	0.485
621	6.20	0.176	-0.181	-0.520	-0.784	-0.936	-0.966	-0.888	-0.737	-0.561	-0.406
631	6.30	-0.297	-0.236	-0.202	-0.162	-0.090	0.023	0.160	0.284	0.354	0.338
641	6.40	0.226	0.034	-0.209	-0.463	-0.696	-0.890	-1.041	-1.153	-1.233	-1.285
651	6.50	-1.307	-1.289	-1.222	-1.099	-0.916	-0.689	-0.402	-0.098	0.216	0.526
661	6.60	0.819	1.085	1.314	1.494	1.607	1.633	1.553	1.350	1.024	0.589
671	6.70	0.082	-0.441	-0.912	-1.264	-1.443	-1.421	-1.205	-0.839	-0.391	0.057
681	6.80	0.435	0.699	0.845	0.905	0.937	0.998	1.119	1.291	1.461	1.548
691	6.90	1.474	1.193	0.715	0.111	-0.508	-1.024	-1.350	-1.459	-1.386	-1.214
701	7.00	-1.036	-0.915	-0.860	-0.822	-0.712	-0.447	0.017	0.650	1.352	1.979
711	7.10	2.390	2.490	2.262	1.774	1.153	0.542	0.062	-0.225	-0.318	-0.265
721	7.20	-0.135	0.014	0.147	0.258	0.359	0.463	0.576	0.696	0.818	0.941
731	7.30	1.068	1.199	1.321	1.403	1.395	1.253	0.954	0.521	0.025	-0.432
741	7.40	-0.751	-0.866	-0.773	-0.524	-0.209	0.079	0.281	0.383	0.413	0.415
751	7.50	0.424	0.653	0.491	0.521	0.533	0.537	0.554	0.600	0.667	0.719
761	7.60	0.703	0.571	0.313	-0.035	-0.399	-0.692	-0.853	-0.865	-0.766	-0.620
771	7.70	-0.487	-0.398	-0.339	-0.270	-0.150	0.032	0.240	0.410	0.471	0.380
781	7.80	0.146	-0.173	-0.491	-0.726	-0.827	-0.791	-0.653	-0.468	-0.285	-0.136
791	7.90	-0.026	0.058	0.134	0.221	0.327	0.457	0.604	0.755	0.887	0.968
801	8.00	0.969	0.870	0.676	0.417	0.144	-0.089	-0.245	-0.322	-0.351	-0.381
811	8.10	-0.454	-0.586	-0.749	-0.887	-0.935	-0.850	-0.627	-0.306	0.047	0.363
821	8.20	0.594	0.718	0.746	0.697	0.592	0.441	0.247	0.015	-0.245	-0.509
831	8.30	-0.748	-0.936	-1.059	-1.118	-1.121	-1.073	-0.975	-0.817	-0.590	-0.298
841	8.40	0.038	0.378	0.673	0.880	0.975	0.956	0.840	0.653	0.419	0.157
851	8.50	-0.119	-0.390	-0.631	-0.813	-0.905	-0.892	-0.776	-0.584	-0.353	-0.124
861	8.60	0.072	0.215	0.298	0.314	0.258	0.123	-0.093	-0.375	-0.670	-0.938
871	8.70	-1.118	-1.172	-1.099	-0.937	-0.754	-0.618	-0.582	-0.658	-0.819	-1.009
881	8.80	-1.168	-1.248	-1.231	-1.130	-0.978	-0.813	-0.671	-0.573	-0.526	-0.525
891	8.90	-0.556	-0.598	-0.627	-0.619	-0.557	-0.436	-0.271	-0.098	0.038	0.094
901	9.00	0.046	-0.098	-0.299	-0.499	-0.632	-0.656	-0.560	-0.370	-0.141	0.063
911	9.10	0.189	0.211	0.135	-0.007	-0.171	-0.315	-0.415	-0.463	-0.470	-0.452
921	9.20	-0.422	-0.383	-0.334	-0.265	-0.173	-0.066	0.042	0.129	0.184	0.211
931	9.30	0.232	0.281	0.393	0.580	0.824	1.072	1.254	1.306	1.200	0.957
941	9.40	0.653	0.388	0.254	0.297	0.494	0.757	0.967	1.018	0.863	0.534
951	9.50	0.134	-0.198	-0.346	-0.257	0.035	0.426	0.783	0.990	0.996	0.820
961	9.60	0.540	0.256	0.045	-0.063	-0.088	-0.086	-0.116	-0.212	-0.372	-0.561
971	9.70	-0.728	-0.828	-0.832	-0.740	-0.569	-0.348	-0.106	0.130	0.337	0.497
981	9.80	0.596	0.629	0.598	0.515	0.397	0.259	0.118	-0.019	-0.142	-0.237
991	9.90	-0.283	-0.256	-0.133	0.092	0.406	0.767	1.121	1.406	1.575	1.598

Table 7-66-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1258 605-DA-2-2 HD. (HB.) SUSOBANA DAM MAX. ACC. = -34.187 (GAL) T= 0.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.473	1.215	0.873	0.481	0.100	-0.217	-0.418	-0.474	-0.379	-0.165
1011	10.10	0.109	0.365	0.536	0.577	0.487	0.302	0.078	-0.126	-0.269	-0.338
1021	10.20	-0.339	-0.291	-0.209	-0.101	0.029	0.176	0.325	0.458	0.556	0.612
1031	10.30	0.634	0.642	0.658	0.695	0.749	0.808	0.856	0.890	0.921	0.965
1041	10.40	1.027	1.089	1.107	1.031	0.830	0.520	0.165	-0.133	-0.278	-0.224
1051	10.50	0.005	0.313	0.569	0.662	0.550	0.276	-0.047	-0.282	-0.329	-0.165
1061	10.60	0.148	0.485	0.708	0.718	0.488	0.067	-0.438	-0.899	-1.210	-1.306
1071	10.70	-1.179	-0.869	-0.446	0.010	0.433	0.784	1.056	1.272	1.465	1.662
1081	10.80	1.867	2.049	2.152	2.117	1.904	1.517	1.006	0.455	-0.051	-0.452
1091	10.90	-0.729	-0.908	-1.037	-1.154	-1.270	-1.357	-1.365	-1.242	-0.965	-0.550
1101	11.00	-0.057	0.431	0.826	1.061	1.107	0.973	0.704	0.370	0.051	-0.188
1111	11.10	-0.307	-0.307	-0.229	-0.146	-0.129	-0.224	-0.429	-0.690	-0.921	-1.033
1121	11.20	-0.977	-0.756	-0.433	-0.096	0.167	0.302	0.293	0.157	-0.080	-0.399
1131	11.30	-0.784	-1.216	-1.652	-2.019	-2.230	-2.215	-1.956	-1.511	-0.998	-0.556
1141	11.40	-0.291	-0.234	-0.332	-0.481	-0.574	-0.557	-0.449	-0.322	-0.261	-0.309
1151	11.50	-0.445	-0.590	-0.657	-0.597	-0.432	-0.248	-0.152	-0.213	-0.428	-0.716
1161	11.60	-0.957	-1.052	-0.971	-0.765	-0.542	-0.408	-0.418	-0.549	-0.717	-0.824
1171	11.70	-0.805	-0.666	-0.473	-0.319	-0.272	-0.347	-0.497	-0.643	-0.715	-0.687
1181	11.80	-0.586	-0.473	-0.412	-0.437	-0.538	-0.673	-0.785	-0.834	-0.807	-0.715
1191	11.90	-0.581	-0.428	-0.272	-0.128	-0.013	0.049	0.034	-0.064	-0.221	-0.385
1201	12.00	-0.489	-0.476	-0.335	-0.102	0.142	0.309	0.342	0.237	0.050	-0.134
1211	12.10	-0.239	-0.230	-0.132	-0.015	0.046	0.004	-0.133	-0.306	-0.432	-0.443
1221	12.20	-0.315	-0.082	0.185	0.406	0.525	0.531	0.454	0.344	0.244	0.170
1231	12.30	0.110	0.037	-0.073	-0.214	-0.358	-0.455	-0.463	-0.366	-0.187	0.027
1241	12.40	0.218	0.346	0.402	0.409	0.407	0.425	0.461	0.481	0.432	0.271
1251	12.50	-0.008	-0.360	-0.697	-0.917	-0.948	-0.774	-0.448	-0.067	0.263	0.466
1261	12.60	0.527	0.489	0.425	0.398	0.436	0.513	0.573	0.556	0.439	0.243
1271	12.70	0.032	-0.125	-0.187	-0.164	-0.112	-0.109	-0.214	-0.437	-0.725	-0.989
1281	12.80	-1.132	-1.095	-0.876	-0.527	-0.133	0.227	0.503	0.685	0.796	0.866
1291	12.90	0.913	0.938	0.925	0.862	0.748	0.609	0.481	0.404	0.402	0.475
1301	13.00	0.602	0.751	0.897	1.028	1.146	1.265	1.397	1.544	1.694	1.822
1311	13.10	1.898	1.893	1.790	1.586	1.294	0.944	0.573	0.223	-0.070	-0.280
1321	13.20	-0.399	-0.429	-0.385	-0.287	-0.152	0.003	0.163	0.311	0.427	0.497
1331	13.30	0.514	0.485	0.432	0.381	0.348	0.327	0.288	0.185	-0.022	-0.339
1341	13.40	-0.723	-1.084	-1.313	-1.317	-1.059	-0.578	0.016	0.581	0.982	1.141
1351	13.50	1.055	0.787	0.443	0.130	-0.079	-0.156	-0.113	0.013	0.189	0.389
1361	13.60	0.599	0.803	0.976	1.080	1.071	0.923	0.644	0.282	-0.076	-0.328
1371	13.70	-0.394	-0.235	0.124	0.600	1.079	1.444	1.613	1.564	1.333	1.007
1381	13.80	0.689	0.467	0.389	0.449	0.598	0.763	0.874	0.890	0.804	0.646
1391	13.90	0.456	0.275	0.120	-0.010	-0.127	-0.240	-0.340	-0.400	-0.382	-0.259
1401	14.00	-0.034	0.254	0.538	0.744	0.818	0.750	0.575	0.361	0.183	0.091
1411	14.10	0.093	0.155	0.219	0.228	0.150	-0.011	-0.221	-0.430	-0.595	-0.693
1421	14.20	-0.721	-0.692	-0.620	-0.518	-0.391	-0.246	-0.098	0.032	0.121	0.156
1431	14.30	0.140	0.090	0.030	-0.030	-0.099	-0.202	-0.366	-0.592	-0.841	-1.038
1441	14.40	-1.096	-0.959	-0.632	-0.198	0.214	0.473	0.511	0.353	0.115	-0.052
1451	14.50	-0.029	0.206	0.563	0.871	0.959	0.739	0.256	-0.323	-0.773	-0.914
1461	14.60	-0.688	-0.193	0.361	0.736	0.774	0.457	-0.088	-0.646	-1.011	-1.066
1471	14.70	-0.828	-0.420	-0.013	0.250	0.309	0.190	-0.027	-0.257	-0.454	-0.618
1481	14.80	-0.779	-0.959	-1.148	-1.298	-1.350	-1.266	-1.061	-0.800	-0.577	-0.468
1491	14.90	-0.503	-0.646	-0.820	-0.941	-0.962	-0.890	-0.783	-0.719	-0.751	-0.887

Table 7-66-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1258 605-DA-2-2 HD. (HB.) SUSOBANA DAM MAX. ACC. = -34.187 (GAL) T= 0.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-1.077	-1.237	-1.285	-1.176	-0.919	-0.576	-0.240	-0.005	0.066	-0.048
1511	15.10	-0.318	-0.678	-1.043	-1.329	-1.473	-1.447	-1.268	-0.992	-0.701	-0.478
1521	15.20	-0.383	-0.433	-0.598	-0.807	-0.978	-1.044	-0.972	-0.778	-0.516	-0.256
1531	15.30	-0.068	0.005	-0.054	-0.230	-0.486	-0.771	-1.031	-1.216	-1.292	-1.251
1541	15.40	-1.120	-0.953	-0.822	-0.787	-0.876	-1.065	-1.289	-1.461	-1.513	-1.423
1551	15.50	-1.227	-0.999	-0.817	-0.722	-0.698	-0.680	-0.594	-0.399	-0.122	0.145
1561	15.60	0.283	0.201	-0.116	-0.585	-1.057	-1.377	-1.446	-1.266	-0.940	-0.623
1571	15.70	-0.457	-0.509	-0.742	-1.037	-1.244	-1.246	-1.001	-0.559	-0.032	0.446
1581	15.80	0.769	0.881	0.791	0.550	0.236	-0.071	-0.302	-0.413	-0.386	-0.235
1591	15.90	-0.000	0.256	0.469	0.595	0.621	0.572	0.498	0.448	0.447	0.487
1601	16.00	0.531	0.541	0.497	0.419	0.357	0.363	0.467	0.651	0.857	1.009
1611	16.10	1.049	0.964	0.792	0.600	0.450	0.371	0.346	0.331	0.284	0.197
1621	16.20	0.102	0.061	0.125	0.305	0.558	0.797	0.932	0.913	0.751	0.520
1631	16.30	0.320	0.233	0.288	0.452	0.649	0.795	0.846	0.803	0.714	0.642
1641	16.40	0.631	0.684	0.773	0.853	0.891	0.892	0.891	0.935	1.061	1.267
1651	16.50	1.512	1.734	1.875	1.909	1.853	1.755	1.669	1.631	1.640	1.661
1661	16.60	1.646	1.563	1.415	1.243	1.108	1.066	1.137	1.293	1.473	1.606
1671	16.70	1.648	1.602	1.518	1.473	1.529	1.707	1.963	2.210	2.345	2.299
1681	16.80	2.063	1.694	1.300	0.993	0.848	0.880	1.062	1.250	1.421	1.503
1691	16.90	1.492	1.418	1.329	1.258	1.214	1.181	1.136	1.065	0.978	0.903
1701	17.00	0.874	0.903	0.972	1.036	1.033	0.919	0.685	0.368	0.041	-0.212
1711	17.10	-0.327	-0.280	-0.101	0.143	0.370	0.509	0.522	0.414	0.224	0.009
1721	17.20	-0.176	-0.292	-0.326	-0.290	-0.206	-0.100	0.009	0.112	0.211	0.308
1731	17.30	0.402	0.482	0.532	0.529	0.460	0.320	0.123	-0.103	-0.321	-0.494
1741	17.40	-0.598	-0.624	-0.582	-0.495	-0.390	-0.292	-0.216	-0.166	-0.126	-0.086
1751	17.50	-0.030	0.052	0.156	0.267	0.360	0.406	0.379	0.272	0.094	-0.121
1761	17.60	-0.328	-0.478	-0.537	-0.500	-0.389	-0.248	-0.125	-0.055	-0.037	-0.045
1771	17.70	-0.032	0.037	0.167	0.321	0.429	0.411	0.219	-0.142	-0.607	-1.069
1781	17.80	-1.420	-1.593	-1.582	-1.449	-1.286	-1.180	-1.176	-1.250	-1.353	-1.417
1791	17.90	-1.409	-1.346	-1.287	-1.302	-1.436	-1.681	-1.975	-2.233	-2.384	-2.405
1801	18.00	-2.331	-2.235	-2.195	-2.251	-2.392	-2.565	-2.696	-2.733	-2.663	-2.512
1811	18.10	-2.331	-2.168	-2.050	-1.983	-1.960	-1.980	-2.056	-2.206	-2.444	-2.759
1821	18.20	-3.109	-3.435	-3.681	-3.816	-3.846	-3.808	-3.747	-3.692	-3.650	-3.607
1831	18.30	-3.545	-3.461	-3.375	-3.312	-3.291	-3.302	-3.310	-3.276	-3.185	-3.066
1841	18.40	-2.991	-3.039	-3.245	-3.562	-3.848	-3.908	-3.567	-2.745	-1.513	-0.078

Table 7-67-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1259 S1401-GR-1-6 HA. (HA.) TONEGAWA ES. MAX. ACC. = -25.024 (GAL) T= 0.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.096	0.474	0.837	0.883	0.629	0.206	-0.201	-0.434	-0.420	-0.205
11	0.10	0.083	0.286	0.287	0.059	-0.326	-0.731	-1.010	-1.074	-0.926	-0.666
21	0.20	-0.449	-0.414	-0.620	-1.010	-1.425	-1.666	-1.587	-1.170	-0.545	0.052
31	0.30	0.375	0.284	-0.197	-0.890	-1.551	-1.998	-2.207	-2.323	-2.574	-3.123
41	0.40	-3.940	-4.765	-5.192	-4.865	-3.671	-1.857	0.028	1.361	1.634	0.894
51	0.50	-0.392	-1.386	-1.225	0.608	4.027	8.302	12.285	14.809	15.120	13.176
61	0.60	9.697	5.939	3.261	2.642	4.311	7.619	11.207	13.433	12.907	8.974
71	0.70	1.986	-6.760	-15.375	-21.932	-25.024	-24.142	-19.751	-13.061	-5.601	1.217
81	0.80	6.399	9.437	10.203	8.784	5.404	0.490	-5.179	-10.379	-13.578	-13.359
91	0.90	-9.007	-1.038	8.654	17.194	21.619	19.990	12.253	0.470	-11.764	-20.535
101	1.00	-23.026	-18.545	-8.777	2.877	12.580	17.450	16.503	10.815	2.888	-4.431
111	1.10	-9.010	-10.048	-8.055	-4.338	-0.286	3.156	5.645	7.227	7.976	7.739
121	1.20	6.167	3.007	-1.529	-6.573	-10.759	-12.704	-11.617	-7.727	-2.294	2.843
131	1.30	6.013	6.423	4.498	1.676	-0.271	-0.085	2.337	5.836	8.483	8.474
141	1.40	5.039	-1.061	-7.702	-12.196	-12.421	-7.789	0.362	9.168	15.289	16.214
151	1.50	11.293	2.058	-8.304	-16.132	-18.674	-15.113	-6.856	3.023	10.955	14.199
161	1.60	11.797	4.844	-4.013	-11.597	-15.345	-14.143	-8.584	-0.618	7.231	12.741
171	1.70	14.668	13.016	8.858	3.849	-0.386	-2.747	-2.924	-1.368	0.983	3.086
181	1.80	4.162	3.921	2.595	0.772	-0.872	-1.859	-2.081	-1.807	-1.527	-1.705
191	1.90	-2.554	-3.932	-5.407	-6.457	-6.701	-6.075	-4.840	-3.450	-2.336	-1.711
201	2.00	-1.501	-1.422	-1.157	-0.543	0.334	1.188	1.692	1.668	1.202	0.629
211	2.10	0.391	0.824	1.988	3.620	5.215	6.215	6.226	5.156	3.250	1.003
221	2.20	-1.003	-2.274	-2.540	-1.814	-0.374	1.316	2.729	3.402	3.049	1.644
231	2.30	-0.567	-3.105	-5.372	-6.783	-6.915	-5.608	-3.020	0.394	3.962	6.924
241	2.40	8.590	8.504	6.590	3.230	-0.769	-4.338	-6.435	-6.382	-4.142	-0.403
251	2.50	3.586	6.427	7.087	5.315	1.785	-2.133	-4.909	-5.488	-3.753	-0.602
261	2.60	2.412	3.754	2.599	-0.776	-5.057	-8.447	-9.432	-7.665	-3.231	1.615
271	2.70	5.136	5.930	3.721	-0.524	-5.006	-7.832	-7.782	-4.760	0.216	5.462
281	2.80	9.304	10.671	9.404	6.171	2.109	-1.640	-4.282	-5.506	-5.413	-4.326
291	2.90	-2.629	-0.683	1.163	2.554	3.158	2.781	1.505	-0.245	-1.781	-2.393
301	3.00	-1.662	0.305	2.849	4.992	5.841	4.991	2.727	-0.073	-2.322	-3.213
311	3.10	-2.580	-0.977	0.600	1.189	0.331	-1.703	-4.041	-5.622	-5.712	-4.251
321	3.20	-1.891	0.312	1.394	0.930	-0.779	-2.852	-4.249	-4.242	-2.738	-0.296
331	3.30	2.142	3.676	3.823	2.690	0.875	-0.826	-1.758	-1.647	-0.645	0.808
341	3.40	2.203	3.174	3.592	3.540	3.210	2.776	2.330	1.878	1.387	0.841
351	3.50	0.271	-0.254	-0.665	-0.923	-1.044	-1.081	-1.105	-1.170	-1.301	-1.482
361	3.60	-3.658	-1.736	-1.617	-1.196	-0.428	0.666	1.874	3.006	3.751	3.862
371	3.70	3.219	1.880	0.067	-1.884	-3.619	-4.840	-5.357	-5.108	-4.147	-2.643
381	3.80	-0.863	0.848	2.122	2.663	2.353	1.340	0.031	-1.021	-1.316	-0.630
391	3.90	0.865	2.632	3.971	4.320	3.506	1.836	-0.030	-1.381	-1.777	-1.251
401	4.00	-0.274	0.496	0.561	-0.159	-1.290	-2.215	-2.432	-1.855	-0.893	-0.251
411	4.10	-0.530	-1.842	-3.658	-4.981	-4.810	-2.660	1.104	5.333	8.534	9.515
421	4.20	7.925	4.439	0.467	-2.457	-3.353	-2.198	0.119	2.263	3.117	2.296
431	4.30	0.294	-1.824	-2.998	-2.717	-1.276	0.415	1.330	0.890	-0.707	-2.582
441	4.40	-3.621	-3.071	-0.967	1.843	4.084	4.664	3.225	0.336	-2.755	-4.675
451	4.50	-4.571	-2.475	0.726	3.712	5.321	5.035	3.135	0.497	-1.854	-3.197
461	4.60	-3.354	-2.651	-1.641	-0.780	-0.229	0.138	0.546	1.101	1.664	1.919
471	4.70	1.569	0.555	-0.842	-2.097	-2.680	-2.326	-1.188	0.221	1.263	1.473
481	4.80	0.774	-0.504	-1.797	-2.593	-2.666	-2.158	-1.470	-1.027	-1.048	-1.440
491	4.90	-1.863	-1.924	-1.396	-0.348	0.880	1.838	2.174	1.795	0.897	-0.129

Table 7-67-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1259 S1401-GR-1-4 HA. (HA.) TONEGAWA ES. MAX. ACC. = -25.024 (GAL) T= 0.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.872	-1.065	-0.670	0.141	1.079	1.862	2.298	2.323	1.981	1.391
511	5.10	0.706	0.085	-0.319	-0.397	-0.107	0.492	1.236	1.901	2.269	2.208
521	5.20	1.729	0.980	0.184	-0.447	-0.787	-0.821	-0.621	-0.283	0.131	0.612
531	5.30	1.167	1.766	2.299	2.580	2.406	1.660	0.382	-1.206	-2.756	-3.907
541	5.40	-4.406	-4.190	-3.381	-2.232	-1.023	0.019	0.755	1.122	1.093	0.655
551	5.50	-0.183	-1.347	-2.652	-3.802	-4.447	-4.294	-3.237	-1.432	0.711	2.644
561	5.60	3.858	4.058	3.269	1.830	0.269	-0.883	-1.272	-0.830	0.224	1.486
571	5.70	2.519	3.002	2.828	2.112	1.124	0.176	-0.478	-0.720	-0.583	-0.210
581	5.80	0.211	0.516	0.610	0.485	0.196	-0.174	-0.553	-0.893	-1.176	-1.395
591	5.90	-1.535	-1.568	-1.459	-1.189	-0.778	-0.296	0.149	0.446	0.515	0.341
601	6.00	-0.023	-0.473	-0.892	-1.178	-1.272	-1.150	-0.817	-0.294	0.374	1.116
611	6.10	1.817	2.332	2.522	2.313	1.749	1.006	0.348	0.037	0.215	0.824
621	6.20	1.604	2.177	2.194	1.494	0.184	-1.379	-2.721	-3.426	-3.301	-2.449
631	6.30	-1.213	-0.045	0.678	0.777	0.319	-0.443	-1.175	-1.590	-1.515	-0.915
641	6.40	0.134	1.480	2.915	4.190	5.026	5.155	4.404	2.776	0.513	-1.932
651	6.50	-4.008	-5.239	-5.395	-4.585	-3.215	-1.837	-0.930	-0.728	-1.149	-1.864
661	6.60	-2.454	-2.600	-2.200	-1.371	-0.365	0.573	1.302	1.817	2.197	2.514
671	6.70	2.769	2.887	2.769	2.372	1.760	1.079	0.492	0.078	-0.208	-0.514
681	6.80	-0.992	-1.681	-2.441	-2.979	-2.972	-2.218	-0.767	1.071	2.822	4.033
691	6.90	4.448	4.096	3.264	2.350	1.683	1.391	1.365	1.345	1.064	0.390
701	7.00	-0.608	-1.691	-2.556	-2.968	-2.856	-2.331	-1.633	-1.031	-0.728	-0.799
711	7.10	-1.186	-1.734	-2.253	-2.571	-2.582	-2.260	-1.659	-0.896	-0.115	0.546
721	7.20	0.997	1.215	1.244	1.170	1.081	1.023	0.985	0.914	0.758	0.506
731	7.30	0.213	-0.014	-0.065	0.109	0.461	0.857	1.122	1.126	0.843	0.371
741	7.40	-0.114	-0.434	-0.495	-0.328	-0.072	0.101	0.076	-0.145	-0.437	-0.613
751	7.50	-0.516	-0.106	0.511	1.114	1.467	1.418	0.976	0.315	-0.293	-0.585
761	7.60	-0.417	0.172	0.971	1.673	1.993	1.780	1.075	0.106	-0.796	-1.312
771	7.70	-1.250	-0.613	0.400	1.457	2.207	2.385	1.896	0.829	-0.582	-2.033
781	7.80	-3.239	-4.001	-4.234	-3.968	-3.319	-2.454	-1.558	-0.803	-0.320	-0.167
791	7.90	-0.309	-0.622	-0.914	-0.992	-0.732	-0.136	0.653	1.404	1.885	1.969
801	8.00	1.692	1.249	0.907	0.887	1.259	1.905	2.568	2.974	2.954	2.527
811	8.10	1.879	1.270	0.894	0.781	0.776	0.622	0.102	-0.836	-2.021	-3.118
821	8.20	-3.765	-3.742	-3.074	-2.040	-1.065	-0.553	-0.726	-1.544	-2.725	-3.858
831	8.30	-4.551	-4.559	-3.836	-2.524	-0.877	0.819	2.317	3.442	4.098	4.270
841	8.40	4.018	3.471	2.814	2.244	1.914	1.885	2.074	2.292	2.301	1.918
851	8.50	1.096	-0.032	-1.191	-2.064	-2.407	-2.153	-1.436	-0.541	0.208	0.573
861	8.60	0.492	0.099	-0.340	-0.535	-0.288	0.420	1.623	2.429	3.118	3.253
871	8.70	2.762	1.753	0.474	-0.767	-1.704	-2.190	-2.229	-1.960	-1.597	-1.350
881	8.80	-1.352	-1.620	-2.055	-2.485	-2.723	-2.630	-2.161	-1.376	-0.423	0.502
891	8.90	1.210	1.559	1.493	1.055	0.381	-0.332	-0.874	-1.078	-0.875	-0.323
901	9.00	0.400	1.044	1.370	1.239	0.671	-0.147	-0.921	-1.357	-1.276	-0.688
911	9.10	0.200	1.062	1.575	1.552	1.010	0.163	-0.665	-1.175	-1.209	-0.802
921	9.20	-0.153	0.467	0.838	0.869	0.624	0.274	0.007	-0.052	0.112	0.417
931	9.30	0.739	0.973	1.079	1.084	1.054	1.043	1.071	1.110	1.109	1.030
941	9.40	0.864	0.642	0.414	0.228	0.110	0.065	0.080	0.137	0.218	0.292
951	9.50	0.311	0.211	-0.065	-0.542	-1.173	-1.862	-2.383	-2.643	-2.540	-2.105
961	9.60	-1.473	-0.829	-0.338	-0.078	-0.019	-0.052	-0.062	0.015	0.155	0.264
971	9.70	0.243	0.047	-0.278	-0.612	-0.821	-0.830	-0.666	-0.444	-0.307	-0.340
981	9.80	-0.516	-0.692	-0.671	-0.304	0.436	1.413	2.381	3.070	3.297	3.030
991	9.90	2.391	1.592	0.846	0.285	-0.072	-0.298	-0.500	-0.755	-1.076	-1.413

Table 7-67-3

TABLE OF CORRECTED ACCELERATION RECORD

NO. 3

INDEX NO. 1259 S1401-GR-1-4 HA. (HA.) TONEGAWA ES. MAX. ACC. = -25.024 (GAL) T= 0.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-1.688	-1.838	-1.844	-1.731	-1.550	-1.351	-1.159	-0.975	-0.782	-0.556
1011	10.10	-0.277	0.074	0.517	1.059	1.691	2.359	2.967	3.389	3.503	3.244
1021	10.20	2.636	1.798	0.910	0.153	-0.361	-0.624	-0.728	-0.821	-1.033	-1.421
1031	10.30	-1.945	-2.483	-2.887	-3.033	-2.869	-2.416	-1.752	-0.979	-0.191	0.531
1041	10.40	1.124	1.539	1.740	1.722	1.523	1.232	0.968	0.839	0.897	1.102
1051	10.50	1.330	1.418	1.228	0.722	-0.021	-0.816	-1.447	-1.751	-1.682	-1.330
1061	10.60	-0.880	-0.530	-0.415	-0.551	-0.840	-1.120	-1.245	-1.141	-0.838	-0.442
1071	10.70	-0.080	0.157	0.254	0.267	0.289	0.401	0.632	0.952	1.292	1.581
1081	10.80	1.774	1.872	1.895	1.863	1.760	1.534	1.115	0.458	-0.423	-1.436
1091	10.90	-2.423	-3.208	-3.655	-3.715	-3.443	-2.976	-2.487	-2.120	-1.942	-1.930
1101	11.00	-1.987	-1.982	-1.807	-1.415	-0.836	-0.161	0.491	1.017	1.370	1.567
1111	11.10	1.685	1.825	2.074	2.469	2.978	3.510	3.942	4.164	4.117	3.811
1121	11.20	3.323	2.768	2.250	1.826	1.483	1.151	0.734	0.161	-0.576	-1.405
1131	11.30	-2.194	-2.793	-3.089	-3.052	-2.752	-2.334	-1.972	-1.807	-1.894	-2.183
1141	11.40	-2.532	-2.759	-2.702	-2.279	-1.514	-0.534	0.473	1.317	1.866	2.077
1151	11.50	2.005	1.773	1.524	1.371	1.364	1.483	1.662	1.815	1.879	1.827
1161	11.60	1.669	1.438	1.166	0.871	0.559	0.231	-0.101	-0.408	-0.652	-0.807
1171	11.70	-0.874	-0.892	-0.922	-1.024	-1.224	-1.494	-1.756	-1.918	-1.907	-1.711
1181	11.80	-1.384	-1.028	-0.748	-0.604	-0.590	-0.638	-0.654	-0.570	-0.379	-0.135
1191	11.90	0.071	0.163	0.123	0.005	-0.086	-0.043	0.186	0.571	1.013	1.381
1201	12.00	1.578	1.585	1.463	1.326	1.276	1.353	1.509	1.630	1.597	1.344
1211	12.10	0.902	0.396	-0.006	-0.169	-0.047	0.280	0.643	0.840	0.720	0.242
1221	12.20	-0.513	-1.371	-2.127	-2.614	-2.748	-2.542	-2.079	-1.480	-0.856	-0.288
1231	12.30	0.179	0.531	0.765	0.890	0.917	0.864	0.759	0.631	0.505	0.391
1241	12.40	0.282	0.161	0.013	-0.161	-0.343	-0.495	-0.581	-0.575	-0.481	-0.329
1251	12.50	-0.169	-0.050	-0.011	-0.064	-0.191	-0.353	-0.502	-0.589	-0.583	-0.473
1261	12.60	-0.275	-0.027	0.224	0.433	0.573	0.641	0.657	0.651	0.641	0.621
1271	12.70	0.558	0.404	0.126	-0.271	-0.724	-1.130	-1.375	-1.381	-1.139	-0.727
1281	12.80	-0.277	0.070	0.218	0.156	-0.040	-0.243	-0.331	-0.237	0.022	0.352
1291	12.90	0.629	0.746	0.658	0.396	0.052	-0.264	-0.462	-0.505	-0.415	-0.257
1301	13.00	-0.116	-0.062	-0.129	-0.307	-0.540	-0.744	-0.824	-0.700	-0.333	0.262
1311	13.10	1.007	1.779	2.439	2.871	3.016	2.890	2.571	2.169	1.782	1.462
1321	13.20	1.196	0.925	0.572	0.081	-0.556	-1.289	-2.030	-2.679	-3.156	-3.407
1331	13.30	-3.429	-3.243	-2.890	-2.415	-1.865	-1.282	-0.705	-0.163	0.323	0.746
1341	13.40	1.110	1.420	1.681	1.890	2.038	2.119	2.139	2.078	1.972	1.812
1351	13.50	1.584	1.256	0.801	0.210	-0.480	-1.187	-1.798	-2.202	-2.330	-2.185
1361	13.60	-1.842	-1.423	-1.053	-0.810	-0.702	-0.661	-0.581	-0.356	0.071	0.686
1371	13.70	1.408	2.115	2.677	2.998	3.029	2.779	2.301	1.680	1.066	0.563
1381	13.80	-0.189	-0.625	-0.953	-1.209	-1.443	-1.694	-1.970	-2.244	-2.458	-2.547
1391	13.90	-2.468	-2.224	-1.865	-1.468	-1.109	-0.825	-0.598	-0.366	-0.059	0.367
1401	14.00	0.891	1.428	1.858	2.071	2.018	1.726	1.296	0.856	0.514	0.314
1411	14.10	0.232	0.198	0.140	0.028	-0.111	-0.205	-0.182	-0.010	0.272	0.564
1421	14.20	0.742	0.712	0.456	0.043	-0.394	-0.715	-0.830	-0.736	-0.517	-0.307
1431	14.30	-0.231	-0.354	-0.652	-1.024	-1.334	-1.466	-1.368	-1.070	-0.665	-0.276
1441	14.40	-0.002	0.111	0.079	-0.029	-0.131	-0.165	-0.109	0.014	0.148	0.239
1451	14.50	0.255	0.201	0.116	0.056	0.066	0.160	0.318	0.492	0.629	0.699
1461	14.60	0.703	0.682	0.687	0.762	0.914	1.109	1.283	1.370	1.332	1.176
1471	14.70	0.954	0.740	0.595	0.541	0.553	0.571	0.526	0.376	0.120	-0.203
1481	14.80	-0.535	-0.824	-1.045	-1.199	-1.302	-1.361	-1.369	-1.299	-1.130	-0.861
1491	14.90	-0.524	-0.180	0.110	0.311	0.435	0.533	0.666	0.866	1.110	1.315

Table 7-67-4

TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 1259 S1401-GR-1-4 HA. (HA.) TONEGAWA ES. MAX. ACC. = -25.024 (GAL) T= 0.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.371	1.190	0.752	0.127	-0.544	-1.096	-1.404	-1.428	-1.220	-0.899
1511	15.10	-0.594	-0.395	-0.326	-0.344	-0.378	-0.366	-0.290	-0.176	-0.070	-0.024
1521	15.20	-0.051	-0.130	-0.212	-0.253	-0.226	-0.137	-0.015	0.105	0.199	0.258
1531	15.30	0.288	0.291	0.263	0.193	0.070	-0.097	-0.274	-0.411	-0.455	-0.379
1541	15.40	-0.195	0.040	0.245	0.346	0.303	0.131	-0.107	-0.319	-0.418	-0.353
1551	15.50	-0.128	0.200	0.538	0.788	0.877	0.778	0.523	0.192	-0.108	-0.279
1561	15.60	-0.262	-0.058	0.268	0.605	0.838	0.886	0.736	0.447	0.131	-0.094
1571	15.70	-0.153	-0.043	0.168	0.363	0.436	0.331	0.069	-0.260	-0.544	-0.688
1581	15.80	-0.660	-0.493	-0.271	-0.083	0.015	0.021	-0.024	-0.060	-0.042	0.033
1591	15.90	0.130	0.197	0.188	0.098	-0.044	-0.181	-0.255	-0.235	-0.125	0.039
1601	16.00	0.210	0.348	0.434	0.472	0.479	0.474	0.466	0.452	0.423	0.368
1611	16.10	0.282	0.166	0.022	-0.143	-0.325	-0.517	-0.705	-0.872	-1.000	-1.079
1621	16.20	-1.111	-1.116	-1.124	-1.157	-1.223	-1.303	-1.354	-1.329	-1.189	-0.924
1631	16.30	-0.558	-0.144	0.257	0.590	0.829	0.979	1.069	1.139	1.224	1.339
1641	16.40	1.476	1.612	1.712	1.745	1.689	1.530	1.271	0.918	0.489	0.005
1651	16.50	-0.501	-0.994	-1.430	-1.721	-1.986	-2.062	-2.009	-1.857	-1.649	-1.430
1661	16.60	-1.238	-1.088	-0.976	-0.876	-0.753	-0.575	-0.318	0.022	0.430	0.876
1671	16.70	1.319	1.712	2.017	2.204	2.260	2.192	2.026	1.799	1.551	1.316
1681	16.80	1.110	0.931	0.761	0.579	0.370	0.134	-0.115	-0.356	-0.570	-0.750
1691	16.90	-0.902	-1.039	-1.174	-1.308	-1.430	-1.522	-1.569	-1.570	-1.536	-1.487
1701	17.00	-1.438	-1.390	-1.322	-1.200	-0.994	-0.693	-0.312	0.108	0.517	0.871
1711	17.10	1.147	1.345	1.478	1.560	1.592	1.565	1.466	1.290	1.055	0.796
1721	17.20	0.556	0.367	0.235	0.143	0.057	-0.045	-0.165	-0.272	-0.322	-0.279
1731	17.30	-0.138	0.056	0.229	0.296	0.205	-0.043	-0.386	-0.720	-0.938	-0.969
1741	17.40	-0.802	-0.492	-0.133	0.172	0.349	0.374	0.274	0.113	-0.038	-0.121
1751	17.50	-0.111	-0.010	0.151	0.333	0.494	0.604	0.643	0.602	0.485	0.307
1761	17.60	0.094	-0.117	-0.288	-0.387	-0.398	-0.329	-0.214	-0.102	-0.042	-0.069
1771	17.70	-0.183	-0.350	-0.508	-0.590	-0.546	-0.371	-0.106	0.169	0.360	0.393
1781	17.80	0.244	-0.056	-0.421	-0.746	-0.936	-0.942	-0.766	-0.460	-0.098	0.254
1791	17.90	0.554	0.797	0.995	1.164	1.303	1.390	1.389	1.270	1.025	0.682
1801	18.00	0.290	-0.090	-0.413	-0.659	-0.837	-0.966	-1.064	-1.127	-1.134	-1.059
1811	18.10	-0.892	-0.656	-0.404	-0.208	-0.129	-0.184	-0.335	-0.501	-0.581	-0.499
1821	18.20	-0.232	0.174	0.621	0.998	1.216	1.246	1.122	0.926	0.753	0.673
1831	18.30	0.707	0.821	0.943	0.995	0.919	0.699	0.358	-0.047	-0.454	-0.806
1841	18.40	-1.073	-1.247	-1.340	-1.374	-1.372	-1.354	-1.332	-1.311	-1.285	-1.241
1851	18.50	-1.158	-1.015	-0.795	-0.500	-0.153	0.199	0.498	0.687	0.732	0.635
1861	18.60	0.437	0.207	0.022	-0.059	-0.017	0.127	0.318	0.489	0.590	0.602
1871	18.70	0.542	0.450	0.368	0.316	0.285	0.237	0.132	-0.051	-0.297	-0.549
1881	18.80	-0.731	-0.772	-0.643	-0.367	-0.015	0.319	0.553	0.647	0.617	0.518
1891	18.90	0.422	0.378	0.391	0.426	0.421	0.324	0.121	-0.152	-0.422	-0.602
1901	19.00	-0.627	-0.482	-0.201	0.143	0.469	0.717	0.861	0.915	0.911	0.884
1911	19.10	0.852	0.816	0.764	0.685	0.582	0.468	0.363	0.281	0.220	0.166
1921	19.20	0.100	0.009	-0.102	-0.214	-0.299	-0.342	-0.343	-0.326	-0.323	-0.362
1931	19.30	-0.444	-0.546	-0.623	-0.632	-0.549	-0.384	-0.178	0.016	0.150	0.198
1941	19.40	0.164	0.075	-0.033	-0.131	-0.201	-0.238	-0.239	-0.202	-0.124	-0.010
1951	19.50	0.126	0.252	0.335	0.348	0.288	0.180	0.067	-0.012	-0.041	-0.042
1961	19.60	-0.058	-0.140	-0.308	-0.537	-0.762	-0.900	-0.897	-0.747	-0.510	-0.279
1971	19.70	-0.143	-0.143	-0.252	-0.385	-0.446	-0.368	-0.153	0.130	0.378	0.501
1981	19.80	0.469	0.321	0.147	0.065	0.069	0.207	0.388	0.521	0.537	0.428
1991	19.90	0.242	0.065	-0.028	-0.004	0.113	0.256	0.349	0.339	0.223	0.037

Table 7-67-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1259 S1401-GR-1-4 HA. (HA.) TONEGAWA ES. MAX. ACC. = -25.024 (GAL) T= 0.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.162	-0.321	-0.412	-0.436	-0.414	-0.368	-0.314	-0.258	-0.208	-0.173
2011	20.10	-0.172	-0.220	-0.318	-0.448	-0.570	-0.641	-0.632	-0.544	-0.409	-0.277
2021	20.20	-0.192	-0.173	-0.202	-0.236	-0.225	-0.139	0.020	0.217	0.404	0.542
2031	20.30	0.616	0.638	0.637	0.641	0.654	0.659	0.624	0.520	0.340	0.110
2041	20.40	-0.121	-0.299	-0.388	-0.384	-0.316	-0.233	-0.183	-0.188	-0.236	-0.287
2051	20.50	-0.287	-0.197	-0.012	0.234	0.477	0.644	0.684	0.585	0.385	0.154
2061	20.60	-0.029	-0.105	-0.056	0.089	0.268	0.414	0.482	0.462	0.384	0.296
2071	20.70	0.240	0.227	0.236	0.218	0.128	-0.054	-0.305	-0.563	-0.753	-0.815
2081	20.80	-0.729	-0.529	-0.287	-0.083	0.024	0.023	-0.053	-0.137	-0.166	-0.995
2091	20.90	0.065	0.274	0.471	0.600	0.634	0.580	0.474	0.360	0.276	0.239
2101	21.00	0.246	0.277	0.312	0.336	0.343	0.332	0.301	0.244	0.157	0.037
2111	21.10	-0.103	-0.238	-0.334	-0.363	-0.313	-0.201	-0.067	0.038	0.069	0.008
2121	21.20	-0.129	-0.296	-0.438	-0.507	-0.481	-0.368	-0.201	-0.020	0.140	0.259
2131	21.30	0.329	0.351	0.326	0.250	0.121	-0.054	-0.254	-0.447	-0.599	-0.689
2141	21.40	-0.719	-0.717	-0.718	-0.751	-0.819	-0.898	-0.944	-0.915	-0.794	-0.596
2151	21.50	-0.362	-0.138	0.046	0.194	0.332	0.493	0.687	0.892	1.054	1.114
2161	21.60	1.039	0.845	0.595	0.376	0.260	0.271	0.373	0.489	0.539	0.478
2171	21.70	0.318	0.122	-0.031	-0.083	-0.032	0.076	0.164	0.170	0.079	-0.073
2181	21.80	-0.214	-0.276	-0.234	-0.119	-0.005	0.024	-0.083	-0.318	-0.617	-0.886
2191	21.90	-1.040	-1.037	-0.891	-0.655	-0.401	-0.185	-0.035	0.053	0.094	0.104
2201	22.00	0.986	0.037	-0.044	-0.142	-0.225	-0.251	-0.191	-0.043	0.160	0.357
2211	22.10	0.480	0.483	0.356	0.135	-0.117	-0.326	-0.457	-0.429	-0.322	-0.159
2221	22.20	0.004	0.122	0.176	0.172	0.141	0.120	0.143	0.220	0.340	0.473
2231	22.30	0.578	0.622	0.592	0.497	0.372	0.259	0.193	0.190	0.239	0.308
2241	22.40	0.355	0.350	0.282	0.166	0.035	-0.074	-0.135	-0.142	-0.111	-0.069
2251	22.50	-0.045	-0.057	-0.106	-0.179	-0.253	-0.303	-0.312	-0.274	-0.169	-0.067
2261	22.60	0.077	0.226	0.363	0.476	0.557	0.611	0.649	0.688	0.740	0.805
2271	22.70	0.869	0.901	0.870	0.750	0.540	0.269	-0.049	-0.338	-0.568	-0.719
2281	22.80	-0.795	-0.817	-0.809	-0.791	-0.770	-0.745	-0.713	-0.677	-0.647	-0.639
2291	22.90	-0.664	-0.721	-0.791	-0.843	-0.849	-0.792	-0.676	-0.522	-0.360	-0.211
2301	23.00	-0.083	0.035	0.159	0.300	0.450	0.581	0.653	0.634	0.512	0.309
2311	23.10	0.070	-0.147	-0.295	-0.352	-0.328	-0.254	-0.172	-0.118	-0.110	-0.148
2321	23.20	-0.217	-0.299	-0.375	-0.430	-0.454	-0.438	-0.377	-0.272	-0.131	0.027
2331	23.30	0.179	0.302	0.382	0.418	0.421	0.403	0.377	0.346	0.306	0.253
2341	23.40	0.185	0.110	0.045	0.002	-0.008	0.010	0.042	0.071	0.084	0.079
2351	23.50	0.063	0.049	0.046	0.055	0.073	0.098	0.134	0.195	0.296	0.446
2361	23.60	0.633	0.825	0.977	1.047	1.019	0.906	0.754	0.619	0.547	0.551
2371	23.70	0.608	0.666	0.667	0.572	0.372	0.094	-0.218	-0.515	-0.763	-0.947
2381	23.80	-1.070	-1.139	-1.164	-1.150	-1.103	-1.039	-0.976	-0.938	-0.938	-0.971
2391	23.90	-1.007	-1.004	-0.919	-0.732	-0.452	-0.125	0.189	0.430	0.564	0.589
2401	24.00	0.535	0.452	0.386	0.368	0.404	0.478	0.563	0.628	0.649	0.615
2411	24.10	0.529	0.404	0.266	0.144	0.064	0.043	0.084	0.170	0.272	0.356
2421	24.20	0.395	0.376	0.307	0.209	0.109	0.028	-0.023	-0.045	-0.043	-0.022
2431	24.30	0.017	0.072	0.140	0.201	0.231	0.201	0.097	-0.075	-0.280	-0.467
2441	24.40	-0.583	-0.595	-0.503	-0.336	-0.144	0.024	0.139	0.200	0.221	0.228
2451	24.50	0.233	0.233	0.209	0.141	0.022	-0.136	-0.297	-0.419	-0.469	-0.435
2461	24.60	-0.328	-0.181	-0.032	0.087	0.159	0.178	0.149	0.075	-0.036	-0.179
2471	24.70	-0.340	-0.495	-0.611	-0.655	-0.605	-0.461	-0.248	-0.010	0.203	0.347
2481	24.80	0.402	0.376	0.300	0.216	0.166	0.173	0.237	0.336	0.430	0.481
2491	24.90	0.460	0.360	0.202	0.022	-0.139	-0.250	-0.304	-0.317	-0.322	-0.353

Table 7-67-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1259 S1401-GR-1-4 HA. (HA.) TONEGAWA ES. MAX. ACC. = -25.024 (GAL) T= 0.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.425	-0.530	-0.632	-0.689	-0.667	-0.561	-0.396	-0.225	-0.099	-0.054
2511	25.10	-0.091	-0.178	-0.268	-0.314	-0.297	-0.223	-0.125	-0.037	0.015	0.031
2521	25.20	0.029	0.037	0.074	0.143	0.229	0.311	0.370	0.403	0.423	0.449
2531	25.30	0.497	0.572	0.664	0.754	0.823	0.859	0.856	0.814	0.733	0.616
2541	25.40	0.463	0.288	0.117	-0.015	-0.073	-0.041	0.067	0.205	0.305	0.306
2551	25.50	0.169	-0.090	-0.414	-0.725	-0.949	-1.044	-1.016	-0.910	-0.786	-0.693
2561	25.60	-0.644	-0.620	-0.578	-0.483	-0.323	-0.124	0.061	0.175	0.181	0.083
2571	25.70	-0.077	-0.232	-0.317	-0.296	-0.170	0.019	0.210	0.346	0.396	0.367
2581	25.80	0.296	0.237	0.235	0.315	0.464	0.645	0.804	0.892	0.886	0.790
2591	25.90	0.638	0.481	0.366	0.324	0.358	0.445	0.545	0.615	0.622	0.554
2601	26.00	0.416	0.227	0.010	-0.215	-0.434	-0.639	-0.821	-0.974	-1.090	-1.163
2611	26.10	-1.198	-1.207	-1.209	-1.221	-1.250	-1.286	-1.302	-1.263	-1.139	-0.921
2621	26.20	-0.626	-0.294	0.023	0.285	0.473	0.600	0.697	0.803	0.945	1.121
2631	26.30	1.303	1.447	1.510	1.472	1.338	1.138	0.915	0.704	0.519	0.353
2641	26.40	0.184	-0.010	-0.233	-0.472	-0.692	-0.854	-0.928	-0.906	-0.801	-0.644
2651	26.50	-0.471	-0.311	-0.181	-0.083	-0.016	0.023	0.034	0.019	-0.019	-0.062
2661	26.60	-0.088	-0.072	0.001	0.126	0.274	0.402	0.465	0.432	0.298	0.090
2671	26.70	-0.143	-0.349	-0.486	-0.533	-0.496	-0.398	-0.272	-0.143	-0.031	0.055
2681	26.80	0.112	0.136	0.124	0.076	-0.001	-0.092	-0.175	-0.228	-0.240	-0.214
2691	26.90	-0.167	-0.125	-0.109	-0.128	-0.170	-0.210	-0.222	-0.188	-0.112	-0.014
2701	27.00	0.074	0.128	0.139	0.121	0.108	0.133	0.219	0.360	0.528	0.676
2711	27.10	0.760	0.752	0.654	0.496	0.322	0.177	0.087	0.056	0.066	0.086
2721	27.20	0.090	0.065	0.019	-0.027	-0.048	-0.028	0.036	0.125	0.213	0.272
2731	27.30	0.288	0.261	0.209	0.160	0.136	0.148	0.192	0.245	0.282	0.280
2741	27.40	0.231	0.140	0.026	-0.092	-0.202	-0.306	-0.416	-0.547	-0.708	-0.890
2751	27.50	-1.068	-1.210	-1.284	-1.278	-1.201	-1.084	-0.962	-0.864	-0.793	-0.732
2761	27.60	-0.648	-0.513	-0.321	-0.096	0.113	0.252	0.284	0.210	0.067	-0.077
2771	27.70	-0.156	-0.129	0.004	0.201	0.400	0.547	0.613	0.607	0.562	0.518
2781	27.80	0.494	0.485	0.463	0.396	0.274	0.120	-0.018	-0.086	-0.055	0.067
2791	27.90	0.227	0.356	0.398	0.338	0.211	0.089	0.045	0.120	0.301	0.527
2801	28.00	0.717	0.808	0.782	0.672	0.544	0.460	0.449	0.494	0.541	0.535
2811	28.10	0.448	0.294	0.123	-0.010	-0.073	-0.078	-0.075	-0.124	-0.258	-0.464
2821	28.20	-0.678	-0.821	-0.828	-0.690	-0.456	-0.213	-0.048	-0.004	-0.070	-0.181
2831	28.30	-0.262	-0.263	-0.185	-0.081	-0.020	-0.053	-0.180	-0.344	-0.459	-0.452
2841	28.40	-0.296	-0.027	0.266	0.486	0.566	0.498	0.334	0.160	0.057	0.064
2851	28.50	0.171	0.323	0.451	0.503	0.465	0.362	0.240	0.148	0.112	0.129
2861	28.60	0.172	0.205	0.195	0.128	0.008	-0.141	-0.288	-0.400	-0.455	-0.444
2871	28.70	-0.374	-0.269	-0.163	-0.086	-0.062	-0.093	-0.163	-0.238	-0.287	-0.287
2881	28.80	-0.237	-0.156	-0.074	-0.016	0.003	-0.011	-0.041	-0.072	-0.093	-0.111
2891	28.90	-0.134	-0.168	-0.201	-0.210	-0.165	-0.048	0.134	0.346	0.530	0.636
2901	29.00	0.634	0.535	0.381	0.232	0.135	0.111	0.142	0.188	0.205	0.164
2911	29.10	0.065	-0.070	-0.209	-0.332	-0.434	-0.525	-0.620	-0.723	-0.818	-0.880
2921	29.20	-0.884	-0.823	-0.716	-0.601	-0.521	-0.499	-0.531	-0.582	-0.607	-0.567
2931	29.30	-0.450	-0.273	-0.073	0.110	0.251	0.351	0.424	0.488	0.548	0.591
2941	29.40	0.592	0.531	0.405	0.236	0.062	-0.077	-0.160	-0.191	-0.195	-0.202
2951	29.50	-0.229	-0.266	-0.281	-0.240	-0.125	0.051	0.246	0.404	0.482	0.467
2961	29.60	0.388	0.293	0.232	0.230	0.273	0.323	0.333	0.276	0.160	0.024
2971	29.70	-0.082	-0.122	-0.091	-0.020	0.044	0.058	0.010	-0.077	-0.157	-0.181
2981	29.80	-0.127	-0.004	0.148	0.283	0.369	0.408	0.426	0.464	0.549	0.677
2991	29.90	0.816	0.916	0.936	0.869	0.707	0.519	0.341	0.204	0.107	0.034

Table 7-67-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1259 S1401-GR-1-4 HA. (HA.) TONEGAWA ES. MAX. ACC. = -25.024 (GAL) T= 0.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.042	-0.131	-0.229	-0.310	-0.354	-0.354	-0.330	-0.319	-0.359	-0.464
3011	30.10	-0.614	-0.755	-0.823	-0.765	-0.570	-0.270	0.066	0.361	0.555	0.626
3021	30.20	0.595	0.508	0.416	0.356	0.337	0.343	0.343	0.312	0.235	0.113
3031	30.30	-0.040	-0.203	-0.359	-0.493	-0.596	-0.660	-0.679	-0.650	-0.576	-0.469
3041	30.40	-0.345	-0.228	-0.137	-0.084	-0.069	-0.086	-0.118	-0.150	-0.170	-0.175
3051	30.50	-0.166	-0.152	-0.140	-0.132	-0.122	-0.095	-0.030	0.087	0.258	0.461
3061	30.60	0.656	0.787	0.810	0.704	0.492	0.236	0.017	-0.082	-0.021	0.184
3071	30.70	0.464	0.715	0.862	0.791	0.565	0.228	-0.126	-0.411	-0.574	-0.617
3081	30.80	-0.582	-0.534	-0.526	-0.584	-0.699	-0.836	-0.952	-1.015	-1.007	-0.929
3091	30.90	-0.796	-0.629	-0.453	-0.296	-0.187	-0.150	-0.192	-0.298	-0.432	-0.538
3101	31.00	-0.569	-0.499	-0.343	-0.150	0.015	0.097	0.078	-0.016	-0.126	-0.183
3111	31.10	-0.141	0.004	0.212	0.420	0.566	0.621	0.594	0.526	0.469	0.458
3121	31.20	0.496	0.555	0.589	0.558	0.446	0.265	0.054	-0.139	-0.278	-0.345
3131	31.30	-0.348	-0.308	-0.252	-0.198	-0.153	-0.108	-0.051	0.028	0.131	0.246
3141	31.40	0.352	0.426	0.452	0.427	0.368	0.302	0.261	0.267	0.324	0.418
3151	31.50	0.518	0.593	0.626	0.616	0.583	0.555	0.549	0.568	0.592	0.591
3161	31.60	0.540	0.433	0.287	0.134	0.005	-0.084	-0.141	-0.195	-0.273	-0.388
3171	31.70	-0.522	-0.657	-0.685	-0.636	-0.495	-0.300	-0.114	0.005	0.025	-0.048
3181	31.80	-0.171	-0.284	-0.336	-0.300	-0.181	-0.013	0.165	0.315	0.418	0.471
3191	31.90	0.485	0.471	0.439	0.393	0.334	0.263	0.185	0.109	0.047	0.012
3201	32.00	0.011	0.045	0.103	0.164	0.198	0.177	0.083	-0.083	-0.296	-0.511
3211	32.10	-0.682	-0.774	-0.781	-0.725	-0.649	-0.597	-0.591	-0.621	-0.651	-0.633
3221	32.20	-0.536	-0.361	-0.147	0.048	0.169	0.187	0.112	-0.009	-0.119	-0.171
3231	32.30	-0.145	-0.054	0.069	0.189	0.281	0.337	0.363	0.366	0.351	0.315
3241	32.40	0.256	0.177	0.093	0.023	-0.017	-0.024	-0.009	0.007	0.006	-0.015
3251	32.50	-0.046	-0.063	-0.048	0.003	0.073	0.131	0.150	0.117	0.044	-0.041
3261	32.60	-0.108	-0.145	-0.169	-0.180	-0.234	-0.329	-0.449	-0.551	-0.588	-0.531
3271	32.70	-0.383	-0.181	0.017	0.161	0.222	0.204	0.138	0.062	0.005	-0.024
3281	32.80	-0.032	-0.032	-0.031	-0.024	0.000	0.048	0.110	0.162	0.172	0.114
3291	32.90	-0.010	-0.172	-0.319	-0.402	-0.391	-0.293	-0.149	-0.016	0.058	0.053
3301	33.00	-0.018	-0.111	-0.181	-0.198	-0.163	-0.101	-0.050	-0.034	-0.054	-0.081
3311	33.10	-0.078	-0.014	0.111	0.265	0.392	0.443	0.398	0.281	0.152	0.088
3321	33.20	0.145	0.329	0.593	0.851	1.011	1.020	0.881	0.658	0.445	0.329
3331	33.30	0.347	0.473	0.632	0.730	0.701	0.538	0.292	0.049	-0.110	-0.148
3341	33.40	-0.088	-0.002	0.029	-0.046	-0.222	-0.440	-0.610	-0.660	-0.567	-0.368
3351	33.50	-0.144	0.020	0.074	0.023	-0.077	-0.154	-0.157	-0.083	0.021	0.084
3361	33.60	0.053	-0.080	-0.266	-0.422	-0.470	-0.381	-0.188	0.023	0.149	0.121
3371	33.70	-0.067	-0.352	-0.632	-0.810	-0.838	-0.730	-0.553	-0.385	-0.279	-0.242
3381	33.80	-0.231	-0.191	-0.089	0.064	0.212	0.281	0.219	0.028	-0.232	-0.464
3391	33.90	-0.580	-0.542	-0.375	-0.164	-0.008	0.021	-0.086	-0.278	-0.461	-0.552
3401	34.00	-0.508	-0.348	-0.138	0.038	0.122	0.100	0.009	-0.086	-0.124	-0.075
3411	34.10	0.052	0.214	0.358	0.445	0.465	0.440	0.405	0.397	0.437	0.523
3421	34.20	0.633	0.740	0.816	0.844	0.822	0.760	0.671	0.573	0.479	0.395
3431	34.30	0.325	0.268	0.219	0.178	0.141	0.108	0.074	0.032	-0.028	-0.118
3441	34.40	-0.239	-0.383	-0.527	-0.639	-0.687	-0.654	-0.549	-0.400	-0.254	-0.152
3451	34.50	-0.116	-0.141	-0.200	-0.253	-0.274	-0.253	-0.209	-0.170	-0.158	-0.178
3461	34.60	-0.210	-0.220	-0.179	-0.080	0.055	0.184	0.264	0.272	0.219	0.142
3471	34.70	0.096	0.118	0.216	0.358	0.488	0.546	0.497	0.345	0.129	-0.087
3481	34.80	-0.245	-0.310	-0.282	-0.191	-0.081	0.010	0.062	0.078	0.077	0.077
3491	34.90	0.091	0.113	0.131	0.132	0.113	0.087	0.079	0.113	0.200	0.326

Table 7-67-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1259 S1401-GR-1-4 HA. (HA.) TONEGAWA ES. MAX. ACC. = -25.024 (GAL) T= 0.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.458	0.550	0.564	0.485	0.332	0.148	-0.011	-0.103	-0.114	-0.061
3511	35.10	0.015	0.074	0.089	0.063	0.021	0.000	0.026	0.099	0.191	0.261
3521	35.20	0.271	0.202	0.069	-0.094	-0.240	-0.340	-0.383	-0.386	-0.380	-0.391
3531	35.30	-0.431	-0.489	-0.542	-0.563	-0.537	-0.469	-0.382	-0.307	-0.271	-0.282
3541	35.40	-0.334	-0.400	-0.451	-0.461	-0.421	-0.337	-0.232	-0.136	-0.072	-0.051
3551	35.50	-0.066	-0.093	-0.103	-0.073	-0.001	0.094	0.174	0.199	0.142	0.008
3561	35.60	-0.166	-0.321	-0.396	-0.357	-0.204	0.022	0.255	0.431	0.507	0.479
3571	35.70	0.378	0.252	0.150	0.100	0.108	0.157	0.219	0.266	0.282	0.262
3581	35.80	0.211	0.141	0.070	0.015	-0.004	0.022	0.092	0.186	0.270	0.307
3591	35.90	0.271	0.160	0.003	-0.150	-0.248	-0.256	-0.173	-0.031	0.118	0.227
3601	36.00	0.275	0.270	0.245	0.236	0.264	0.321	0.379	0.399	0.357	0.255
3611	36.10	0.120	-0.010	-0.101	-0.141	-0.144	-0.136	-0.144	-0.183	-0.247	-0.319
3621	36.20	-0.379	-0.414	-0.424	-0.416	-0.397	-0.371	-0.335	-0.286	-0.226	-0.163
3631	36.30	-0.110	-0.075	-0.059	-0.047	-0.024	0.021	0.086	0.149	0.184	0.169
3641	36.40	0.105	0.011	-0.077	-0.129	-0.130	-0.093	-0.045	-0.014	-0.012	-0.024
3651	36.50	-0.022	0.021	0.108	0.213	0.286	0.283	0.189	0.033	-0.118	-0.191
3661	36.60	-0.137	0.037	0.272	0.478	0.576	0.533	0.380	0.194	0.061	0.036
3671	36.70	0.115	0.240	0.325	0.305	0.163	-0.059	-0.281	-0.423	-0.445	-0.361
3681	36.80	-0.229	-0.122	-0.088	-0.129	-0.202	-0.247	-0.215	-0.097	0.070	0.224
3691	36.90	0.304	0.286	0.186	0.056	-0.045	-0.076	-0.032	0.058	0.147	0.191
3701	37.00	0.170	0.093	-0.016	-0.126	-0.219	-0.293	-0.356	-0.418	-0.483	-0.539
3711	37.10	-0.568	-0.554	-0.491	-0.388	-0.265	-0.148	-0.061	-0.018	-0.022	-0.066
3721	37.20	-0.137	-0.214	-0.278	-0.310	-0.298	-0.238	-0.139	-0.019	0.097	0.190
3731	37.30	0.249	0.278	0.289	0.296	0.305	0.317	0.320	0.306	0.274	0.233
3741	37.40	0.199	0.187	0.201	0.226	0.240	0.224	0.171	0.097	0.033	0.008
3751	37.50	0.033	0.091	0.140	0.138	0.061	-0.071	-0.204	-0.265	-0.198	0.004
3761	37.60	0.290	0.570	0.746	0.764	0.631	0.422	0.240	0.173	0.252	0.434
3771	37.70	0.623	0.717	0.651	0.433	0.139	-0.124	-0.262	-0.241	-0.094	0.094
3781	37.80	0.234	0.268	0.196	0.065	-0.058	-0.128	-0.141	-0.131	-0.151	-0.231
3791	37.90	-0.360	-0.488	-0.549	-0.497	-0.335	-0.116	0.076	0.164	0.115	-0.044
3801	38.00	-0.245	-0.406	-0.472	-0.431	-0.318	-0.187	-0.082	-0.017	0.026	0.077
3811	38.10	0.157	0.257	0.337	0.352	0.268	0.092	-0.135	-0.347	-0.489	-0.536
3821	38.20	-0.503	-0.433	-0.375	-0.360	-0.386	-0.427	-0.448	-0.426	-0.343	-0.282
3831	38.30	-0.212	-0.174	-0.171	-0.188	-0.205	-0.210	-0.204	-0.196	-0.198	-0.208
3841	38.40	-0.212	-0.189	-0.123	-0.019	0.101	0.202	0.257	0.256	0.216	0.164
3851	38.50	0.126	0.107	0.090	0.044	-0.056	-0.207	-0.373	-0.499	-0.531	-0.447
3861	38.60	-0.267	-0.047	0.143	0.255	0.280	0.250	0.216	0.221	0.274	0.345
3871	38.70	0.381	0.338	0.211	0.037	-0.110	-0.162	-0.083	0.104	0.332	0.513
3881	38.80	0.582	0.526	0.384	0.229	0.129	0.118	0.176	0.251	0.283	0.244
3891	38.90	0.150	0.055	0.019	0.079	0.220	0.386	0.502	0.512	0.406	0.228
3901	39.00	0.049	-0.064	-0.085	-0.035	0.025	0.033	-0.044	-0.192	-0.353	-0.459
3911	39.10	-0.464	-0.367	-0.214	-0.072	0.000	-0.021	-0.119	-0.249	-0.364	-0.440
3921	39.20	-0.479	-0.501	-0.520	-0.530	-0.505	-0.411	-0.237	-0.004	0.230	0.396
3931	39.30	0.448	0.386	0.262	0.157	0.142	0.245	0.428	0.614	0.715	0.681
3941	39.40	0.525	0.319	0.158	0.118	0.218	0.410	0.606	0.714	0.685	0.528
3951	39.50	0.306	0.097	-0.034	-0.070	-0.036	0.018	0.043	0.021	-0.037	-0.099
3961	39.60	-0.135	-0.133	-0.107	-0.081	-0.080	-0.110	-0.157	-0.197	-0.211	-0.197
3971	39.70	-0.171	-0.159	-0.183	-0.247	-0.334	-0.415	-0.461	-0.455	-0.399	-0.306
3981	39.80	-0.197	-0.088	0.012	0.099	0.168	0.211	0.219	0.184	0.110	0.012
3991	39.90	-0.088	-0.169	-0.220	-0.248	-0.266	-0.293	-0.334	-0.384	-0.428	-0.451

Table 7-67-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1259 S1401-GR-1-4 HA. (HA.) TONEGAWA ES. MAX. ACC. = -25.024 (GAL) T= 0.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.450	-0.436	-0.429	-0.449	-0.499	-0.564	-0.612	-0.614	-0.555	-0.448
4011	40.10	-0.326	-0.227	-0.181	-0.190	-0.231	-0.264	-0.257	-0.197	-0.095	0.017
4021	40.20	0.107	0.162	0.189	0.214	0.268	0.364	0.492	0.618	0.703	0.717
4031	40.30	0.655	0.540	0.409	0.300	0.231	0.201	0.189	0.174	0.142	0.103
4041	40.40	0.077	0.088	0.150	0.257	0.381	0.487	0.545	0.540	0.482	0.391
4051	40.50	0.298	0.224	0.177	0.151	0.131	0.105	0.061	0.002	-0.068	-0.136
4061	40.60	-0.194	-0.235	-0.256	-0.259	-0.249	-0.235	-0.225	-0.227	-0.247	-0.282
4071	40.70	-0.324	-0.360	-0.377	-0.367	-0.330	-0.273	-0.206	-0.135	-0.062	0.018
4081	40.80	0.108	0.205	0.296	0.359	0.371	0.323	0.225	0.108	0.015	-0.017
4091	40.90	0.025	0.126	0.240	0.315	0.306	0.202	0.023	-0.177	-0.340	-0.420
4101	41.00	-0.402	-0.305	-0.172	-0.051	0.023	0.038	0.008	-0.040	-0.076	-0.082
4111	41.10	-0.054	-0.004	0.048	0.085	0.091	0.062	0.005	-0.068	-0.137	-0.177
4121	41.20	-0.167	-0.096	0.036	0.206	0.378	0.510	0.568	0.538	0.435	0.295
4131	41.30	0.165	0.081	0.061	0.091	0.138	0.166	0.150	0.087	-0.001	-0.085
4141	41.40	-0.137	-0.149	-0.135	-0.121	-0.135	-0.188	-0.273	-0.362	-0.420	-0.423
4151	41.50	-0.366	-0.266	-0.152	-0.058	-0.002					

Table 7-68-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1260 S1401-GR-1-4 U-D (U-D) TONEGAWA ES. MAX. ACC. = 13.267 (GAL) T= 1.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	2.467	3.917	4.314	3.325	1.186	-1.351	-3.317	-3.949	-3.044	-1.073
11	0.10	1.030	2.294	2.166	0.775	-1.138	-2.579	-2.794	-1.635	0.359	2.241
21	0.20	3.118	2.606	1.016	-0.802	-1.888	-1.655	-0.187	1.805	3.332	3.622
31	0.30	2.500	0.462	-1.569	-2.705	-2.517	-1.224	0.434	1.585	1.646	0.598
41	0.40	-1.034	-2.451	-2.975	-2.349	-0.831	0.962	2.352	2.886	2.484	1.408
51	0.50	0.091	-1.049	-1.745	-1.889	-1.489	-0.606	0.660	2.130	3.505	4.386
61	0.60	4.380	3.268	1.154	-1.494	-3.944	-5.441	-5.474	-3.969	-1.326	1.717
71	0.70	4.320	5.801	5.814	4.398	1.924	-1.033	-3.839	-5.928	-6.905	-6.619
81	0.80	-5.189	-2.984	-0.527	1.652	3.166	3.875	3.867	3.353	2.506	1.355
91	0.90	-0.187	-2.172	-4.410	-6.348	-7.161	-6.064	-2.745	2.299	7.727	11.713
101	1.00	12.618	9.703	3.577	-3.873	-10.100	-12.838	-11.001	-5.156	2.642	9.607
111	1.10	13.267	12.374	7.342	0.027	-7.001	-11.419	-11.938	-8.665	-2.945	3.217
121	1.20	7.869	9.728	8.491	4.810	-0.029	-4.547	-7.510	-8.243	-6.752	-3.666
131	1.30	-0.004	3.128	4.870	4.848	3.256	0.766	-1.722	-3.397	-3.796	-2.927
141	1.40	-1.206	0.741	2.334	3.226	3.366	2.930	2.183	1.343	0.520	-0.258
151	1.50	-0.974	-1.564	-1.908	-1.892	-1.481	-0.771	0.032	0.696	1.063	1.109
161	1.60	0.935	0.688	0.467	0.266	-0.012	-0.467	-1.097	-1.743	-2.117	-1.925
171	1.70	-1.012	0.520	2.304	3.897	4.517	4.132	2.673	0.494	-1.833	-3.698
181	1.80	-4.643	-4.485	-3.358	-1.650	0.127	1.494	2.146	2.036	1.376	0.549
191	1.90	-0.035	-0.100	0.373	1.126	1.711	1.678	0.776	-0.899	-2.891	-4.530
201	2.00	-5.181	-4.509	-2.642	-0.156	2.124	3.435	3.375	2.062	0.094	-1.686
211	2.10	-2.515	-2.012	-0.310	2.000	4.111	5.303	5.200	3.881	1.811	-0.359
221	2.20	-2.038	-2.889	-2.894	-2.297	-1.462	-0.708	-0.215	0.002	0.025	-0.049
231	2.30	-0.185	-0.419	-0.816	-1.398	-2.085	-2.688	-2.960	-2.687	-1.777	-0.313
241	2.40	1.459	3.198	4.559	5.287	5.267	4.532	3.233	1.594	-0.131	-1.697
251	2.50	-2.896	-3.582	-3.705	-3.323	-2.601	-1.770	-1.059	-0.620	-0.475	-0.518
261	2.60	-0.573	-0.483	-0.199	0.187	0.483	0.494	0.145	-0.454	-1.015	-1.180
271	2.70	-0.682	0.516	2.157	3.760	4.777	4.803	3.739	1.840	-0.366	-2.268
281	2.80	-3.387	-3.534	-2.847	-1.712	-0.588	0.169	0.421	0.267	-0.044	-0.248
291	2.90	-0.190	0.121	0.530	0.833	0.883	0.658	0.276	-0.071	-0.208	-0.067
301	3.00	0.278	0.638	0.789	0.565	-0.069	-0.997	-1.989	-2.784	-3.167	-3.033
311	3.10	-2.404	-1.407	-0.222	0.967	2.012	2.816	3.333	3.552	3.480	3.138
321	3.20	2.553	1.762	0.818	-0.208	-1.222	-2.109	-2.746	-3.024	-2.877	-2.307
331	3.30	-1.402	-0.325	0.721	1.542	2.005	2.068	1.780	1.259	0.602	-0.061
341	3.40	-0.671	-1.190	-1.577	-1.781	-1.741	-1.420	-0.847	-0.138	0.513	0.898
351	3.50	0.867	0.406	-0.345	-1.133	-1.683	-1.812	-1.498	-0.890	-0.234	0.238
361	3.60	0.429	0.425	0.465	0.829	1.698	3.029	4.531	5.728	6.124	5.383
371	3.70	3.478	0.735	-2.249	-4.774	-6.262	-6.430	-5.372	-3.514	-1.454	0.238
381	3.80	1.204	1.383	0.991	0.395	-0.044	-0.117	0.177	0.668	1.118	1.341
391	3.90	1.284	1.038	0.766	0.616	0.633	0.742	0.793	0.643	0.238	-0.346
401	4.00	-0.936	-1.334	-1.406	-1.139	-0.639	-0.085	0.352	0.566	0.537	0.311
411	4.10	-0.044	-0.473	-0.950	-1.452	-1.928	-2.280	-2.376	-2.097	-1.395	-0.339
421	4.20	0.891	2.037	2.847	3.148	2.901	2.205	1.269	0.347	-0.329	-0.605
431	4.30	-0.437	0.092	0.797	1.428	1.734	1.540	0.805	-0.342	-1.626	-2.702
441	4.40	-3.266	-3.164	-2.455	-1.392	-0.335	0.387	0.603	0.361	-0.102	-0.459
451	4.50	-0.440	0.056	0.916	1.860	2.550	2.724	2.285	1.334	0.122	-1.041
461	4.60	-1.887	-2.262	-2.169	-1.655	-0.955	-0.243	0.325	0.651	0.720	0.585
471	4.70	0.357	0.165	0.124	0.289	0.641	1.084	1.476	1.677	1.600	1.231
481	4.80	0.638	-0.066	-0.762	-1.360	-1.814	-2.113	-2.257	-2.240	-2.042	-1.649
491	4.90	-1.072	-0.370	0.357	0.991	1.425	1.602	1.518	1.223	0.789	0.294

Table 7-68-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1260 S1401-GR-1-4 U-D (U-D) TONEGAWA ES. MAX. ACC. = 13.267 (GAL) T= 1.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.190	-0.599	-0.866	-0.927	-0.729	-0.263	0.414	1.178	1.862	2.303
511	5.10	2.397	2.131	1.579	0.865	0.105	-0.630	-1.325	-1.989	-2.613	-3.125
521	5.20	-3.399	-3.300	-2.754	-1.808	-0.645	0.464	1.259	1.594	1.499	1.169
531	5.30	0.883	0.879	1.250	1.895	2.558	2.935	2.799	2.094	0.960	-0.318
541	5.40	-1.418	-2.091	-2.236	-1.912	-1.293	-0.590	0.020	0.437	0.644	0.682
551	5.50	0.607	0.460	0.262	0.012	-0.286	-0.613	-0.926	-1.161	-1.248	-1.137
561	5.60	-0.813	-0.315	0.263	0.785	1.103	1.101	0.738	0.073	-0.741	-1.494
571	5.70	-1.986	-2.093	-1.810	-1.252	-0.607	-0.062	0.270	0.387	0.389	0.417
581	5.80	0.582	0.908	1.309	1.630	1.711	1.460	0.893	0.131	-0.644	-1.253
591	5.90	-1.575	-1.574	-1.291	-0.814	-0.247	0.321	0.814	1.175	1.359	1.349
601	6.00	1.165	0.872	0.570	0.366	0.324	0.440	0.630	0.765	0.726	0.463
611	6.10	0.023	-0.464	-0.839	-0.988	-0.891	-0.634	-0.366	-0.227	-0.288	-0.515
621	6.20	-0.792	-0.976	-0.965	-0.742	-0.375	0.022	0.337	0.509	0.532	0.441
631	6.30	0.273	0.047	-0.237	-0.571	-0.913	-1.177	-1.251	-1.052	-0.569	0.105
641	6.40	0.798	1.315	1.518	1.383	1.009	0.577	0.273	0.217	0.415	0.771
651	6.50	1.136	1.355	1.371	1.139	0.707	0.135	-0.515	-1.189	-1.827	-2.343
661	6.60	-2.635	-2.605	-2.200	-1.452	-0.487	0.500	1.304	1.774	1.864	1.636
671	6.70	1.227	0.793	0.451	0.242	0.142	0.085	0.008	-0.114	-0.272	-0.415
681	6.80	-0.496	-0.489	-0.404	-0.281	-0.178	-0.143	-0.202	-0.341	-0.515	-0.653
691	6.90	-0.683	-0.551	-0.245	0.201	0.708	1.181	1.533	1.718	1.743	1.658
701	7.00	1.528	1.394	1.253	1.054	0.725	0.217	-0.463	-1.233	-1.961	-2.507
711	7.10	-2.770	-2.724	-2.419	-1.947	-1.403	-0.849	-0.301	0.250	0.804	1.328
721	7.20	1.748	1.975	1.940	1.637	1.135	0.558	0.039	-0.320	-0.491	-0.513
731	7.30	-0.469	-0.442	-0.477	-0.569	-0.667	-0.707	-0.646	-0.474	-0.225	0.048
741	7.40	0.294	0.484	0.617	0.710	0.783	0.840	0.861	0.809	0.644	0.353
751	7.50	-0.039	-0.459	-0.805	-0.973	-0.899	-0.589	-0.127	0.339	0.649	0.687
761	7.60	0.430	-0.035	-0.538	-0.884	-0.935	-0.664	-0.172	0.345	0.672	0.667
771	7.70	0.312	-0.273	-0.875	-1.272	-1.314	-0.975	-0.358	0.351	0.953	1.297
781	7.80	1.324	1.062	0.606	0.077	-0.408	-0.763	-0.934	-0.903	-0.688	-0.344
791	7.90	0.040	0.363	0.530	0.493	0.263	-0.080	-0.417	-0.628	-0.642	-0.462
801	8.00	-0.158	0.157	0.378	0.448	0.378	0.237	0.114	0.089	0.191	0.397
811	8.10	0.640	0.837	0.912	0.823	0.567	0.179	-0.279	-0.726	-1.084	-1.295
821	8.20	-1.329	-1.200	-0.959	-0.680	-0.430	-0.248	-0.130	-0.033	0.097	0.296
831	8.30	0.554	0.813	0.989	1.014	0.868	0.598	0.305	0.104	0.069	0.205
841	8.40	0.442	0.665	0.760	0.666	0.393	0.015	-0.368	-0.671	-0.853	-0.922
851	8.50	-0.913	-0.856	-0.759	-0.600	-0.356	-0.023	0.362	0.721	0.970	1.046
861	8.60	0.941	0.710	0.443	0.229	0.117	0.096	0.104	0.063	-0.078	-0.316
871	8.70	-0.593	-0.817	-0.903	-0.815	-0.579	-0.274	0.001	0.162	0.171	0.045
881	8.80	-0.156	-0.358	-0.499	-0.545	-0.491	-0.360	-0.181	0.013	0.195	0.341
891	8.90	0.432	0.459	0.424	0.347	0.261	0.201	0.190	0.225	0.273	0.290
901	9.00	0.235	0.096	-0.096	-0.276	-0.368	-0.320	-0.126	0.163	0.462	0.683
911	9.10	0.770	0.720	0.583	0.427	0.309	0.246	0.207	0.141	0.002	-0.210
921	9.20	-0.447	-0.625	-0.664	-0.528	-0.249	0.082	0.350	0.460	0.379	0.149
931	9.30	-0.135	-0.360	-0.446	-0.368	-0.163	0.091	0.310	0.433	0.434	0.318
941	9.40	0.110	-0.159	-0.457	-0.747	-0.985	-1.121	-1.115	-0.953	-0.663	-0.319
951	9.50	-0.018	0.157	0.165	0.032	-0.156	-0.290	-0.278	-0.082	0.263	0.671
961	9.60	1.039	1.282	1.365	1.304	1.142	0.929	0.697	0.454	0.200	-0.061
971	9.70	-0.310	-0.512	-0.638	-0.683	-0.676	-0.669	-0.713	-0.832	-1.000	-1.148
981	9.80	-1.190	-1.063	-0.755	-0.320	0.149	0.545	0.795	0.874	0.807	0.649
991	9.90	0.451	0.246	0.045	-0.144	-0.304	-0.395	-0.373	-0.211	0.069	0.389

Table 7-68-3

TABLE OF CORRECTED ACCELERATION RECORD

NO. 3

INDEX NO. 1269 S1401-GR-1-4 U-D (U-D) TONEGAWA ES. MAX. ACC. = 13.267 (GAL) T= 1.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.635	0.698	0.522	0.141	-0.331	-0.732	-0.921	-0.830	-0.491	-0.022
1011	10.10	0.427	0.727	0.823	0.742	0.569	0.400	0.301	0.285	0.315	0.337
1021	10.20	0.307	0.208	0.053	-0.132	-0.327	-0.522	-0.714	-0.888	-1.013	-1.046
1031	10.30	-0.948	-0.713	-0.380	-0.030	0.247	0.390	0.394	0.318	0.256	0.289
1041	10.40	0.443	0.672	0.867	0.913	0.734	0.334	-0.197	-0.721	-1.102	-1.256
1051	10.50	-1.178	-0.927	-0.597	-0.272	0.001	0.220	0.402	0.565	0.706	0.796
1061	10.60	0.799	0.696	0.499	0.256	0.031	-0.115	-0.154	-0.098	0.010	0.111
1071	10.70	0.157	0.125	0.024	-0.112	-0.240	-0.318	-0.323	-0.256	-0.139	-0.099
1081	10.80	0.089	0.121	0.069	-0.056	-0.221	-0.378	-0.480	-0.499	-0.437	-0.323
1091	10.90	-0.200	-0.110	-0.070	-0.074	-0.092	-0.089	-0.039	0.064	0.207	0.368
1101	11.00	0.527	0.673	0.802	0.908	0.976	0.982	0.904	0.734	0.496	0.238
1111	11.10	0.022	-0.106	-0.135	-0.098	-0.061	-0.085	-0.196	-0.366	-0.513	-0.543
1121	11.20	-0.390	-0.056	0.578	0.778	1.006	0.972	0.677	0.206	-0.301	-0.709
1131	11.30	-0.935	-0.973	-0.869	-0.777	-0.717	-0.735	-0.799	-0.838	-0.783	-0.599
1141	11.40	-0.309	0.021	0.303	0.466	0.479	0.361	0.171	-0.022	-0.156	-0.202
1151	11.50	-0.159	-0.057	0.062	0.157	0.195	0.160	0.056	-0.092	-0.246	-0.357
1161	11.60	-0.381	-0.296	-0.107	0.149	0.415	0.632	0.759	0.786	0.731	0.632
1171	11.70	0.526	0.432	0.346	0.255	0.146	0.028	-0.069	-0.107	-0.060	0.067
1181	11.80	0.228	0.350	0.363	0.232	-0.023	-0.330	-0.593	-0.728	-0.699	-0.533
1191	11.90	-0.308	-0.117	-0.029	-0.063	-0.181	-0.313	-0.389	-0.366	-0.252	-0.088
1201	12.00	0.068	0.171	0.207	0.192	0.160	0.140	0.144	0.162	0.172	0.155
1211	12.10	0.104	0.030	-0.042	-0.088	-0.087	-0.033	0.067	0.202	0.349	0.483
1221	12.20	0.572	0.583	0.490	0.293	0.020	-0.267	-0.493	-0.591	-0.533	-0.343
1231	12.30	-0.090	0.138	0.272	0.289	0.220	0.129	0.081	0.103	0.168	0.208
1241	12.40	0.150	-0.041	-0.359	-0.661	-0.901	-0.976	-0.866	-0.627	-0.357	-0.160
1251	12.50	-0.091	-0.138	-0.230	-0.280	-0.229	-0.072	0.138	0.323	0.425	0.432
1261	12.60	0.391	0.375	0.447	0.620	0.850	1.054	1.149	1.091	0.895	0.626
1271	12.70	0.364	0.168	0.051	-0.019	-0.099	-0.230	-0.421	-0.637	-0.820	-0.918
1281	12.80	-0.908	-0.807	-0.664	-0.532	-0.448	-0.424	-0.444	-0.478	-0.501	-0.500
1291	12.90	-0.474	-0.428	-0.366	-0.284	-0.179	-0.051	0.094	0.243	0.382	0.506
1301	13.00	0.617	0.723	0.824	0.904	0.933	0.874	0.702	0.418	0.061	-0.302
1311	13.10	-0.593	-0.751	-0.749	-0.603	-0.363	-0.092	0.152	0.334	0.446	0.497
1321	13.20	0.508	0.491	0.449	0.378	0.269	0.119	-0.068	-0.275	-0.480	-0.656
1331	13.30	-0.783	-0.846	-0.841	-0.775	-0.666	-0.534	-0.405	-0.298	-0.227	-0.193
1341	13.40	-0.192	-0.207	-0.219	-0.207	-0.149	-0.035	0.133	0.337	0.541	0.704
1351	13.50	0.786	0.765	0.647	0.464	0.264	0.094	-0.021	-0.084	-0.124	-0.176
1361	13.60	-0.264	-0.382	-0.498	-0.566	-0.550	-0.444	-0.277	-0.099	0.041	0.121
1371	13.70	0.155	0.185	0.256	0.385	0.551	0.700	0.765	0.706	0.529	0.289
1381	13.80	0.069	-0.057	-0.050	0.073	0.250	0.406	0.479	0.442	0.308	0.114
1391	13.90	-0.099	-0.301	-0.475	-0.613	-0.701	-0.721	-0.656	-0.508	-0.306	-0.107
1401	14.00	0.021	0.028	-0.091	-0.289	-0.484	-0.589	-0.551	-0.373	-0.117	0.127
1411	14.10	0.279	0.303	0.225	0.114	0.053	0.100	0.262	0.499	0.738	0.912
1421	14.20	0.981	0.950	0.852	0.732	0.622	0.530	0.442	0.332	0.188	0.015
1431	14.30	-0.161	-0.307	-0.394	-0.414	-0.382	-0.325	-0.278	-0.264	-0.291	-0.348
1441	14.40	-0.411	-0.450	-0.434	-0.342	-0.169	0.073	0.349	0.608	0.796	0.867
1451	14.50	0.805	0.629	0.358	0.183	0.053	0.038	0.121	0.244	0.326	0.301
1461	14.60	0.147	-0.106	-0.389	-0.621	-0.745	-0.751	-0.677	-0.588	-0.541	-0.557
1471	14.70	-0.618	-0.673	-0.675	-0.605	-0.490	-0.385	-0.349	-0.406	-0.529	-0.643
1481	14.80	-0.659	-0.512	-0.200	0.213	0.619	0.911	1.023	0.956	0.776	0.576
1491	14.90	0.439	0.403	0.450	0.529	0.579	0.565	0.486	0.367	0.237	0.111

Table 7-68-4

TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 1260 S1401-GR-1-4 U-D (U-D) TONEGAWA ES. MAX. ACC. = 13.267 (GAL) T= 1.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.023	-0.189	-0.402	-0.649	-0.883	-1.036	-1.050	-0.907	-0.638	-0.318
1511	15.10	-0.033	0.150	0.214	0.190	0.138	0.118	0.157	0.241	0.320	0.335
1521	15.20	0.249	0.064	-0.180	-0.423	-0.604	-0.686	-0.665	-0.565	-0.419	-0.263
1531	15.30	-0.118	0.008	0.114	0.201	0.270	0.318	0.343	0.350	0.345	0.337
1541	15.40	0.336	0.345	0.368	0.402	0.447	0.500	0.557	0.606	0.635	0.627
1551	15.50	0.573	0.475	0.349	0.218	0.107	0.025	-0.035	-0.096	-0.188	-0.329
1561	15.60	-0.516	-0.720	-0.893	-0.986	-0.969	-0.838	-0.624	-0.376	-0.143	0.040
1571	15.70	0.166	0.249	0.317	0.392	0.477	0.553	0.590	0.552	0.423	0.207
1581	15.80	-0.060	-0.329	-0.546	-0.669	-0.683	-0.595	-0.438	-0.255	-0.087	0.036
1591	15.90	0.100	0.107	0.072	0.015	-0.044	-0.086	-0.097	-0.071	-0.003	0.102
1601	16.00	0.234	0.376	0.506	0.605	0.659	0.662	0.619	0.545	0.454	0.360
1611	16.10	0.267	0.174	0.072	-0.045	-0.178	-0.319	-0.457	-0.575	-0.658	-0.699
1621	16.20	-0.694	-0.647	-0.565	-0.456	-0.331	-0.204	-0.088	0.003	0.063	0.094
1631	16.30	0.110	0.134	0.185	0.275	0.399	0.533	0.641	0.689	0.655	0.537
1641	16.40	0.353	0.136	-0.081	-0.277	-0.440	-0.572	-0.676	-0.752	-0.792	-0.785
1651	16.50	-0.721	-0.606	-0.457	-0.303	-0.167	-0.061	0.022	0.105	0.214	0.361
1661	16.60	0.536	0.703	0.814	0.827	0.726	0.529	0.284	0.053	-0.111	-0.180
1671	16.70	-0.162	-0.091	-0.010	0.045	0.063	0.058	0.057	0.068	0.162	0.266
1681	16.80	0.370	0.438	0.440	0.371	0.249	0.107	-0.019	-0.104	-0.143	-0.154
1691	16.90	-0.166	-0.209	-0.298	-0.430	-0.583	-0.725	-0.828	-0.874	-0.865	-0.818
1701	17.00	-0.753	-0.683	-0.608	-0.513	-0.373	-0.170	0.100	0.416	0.740	1.023
1711	17.10	1.221	1.309	1.285	1.171	0.999	0.802	0.599	0.399	0.199	-0.006
1721	17.20	-0.210	-0.401	-0.556	-0.655	-0.687	-0.659	-0.589	-0.505	-0.430	-0.378
1731	17.30	-0.345	-0.318	-0.277	-0.208	-0.108	0.015	0.143	0.258	0.345	0.395
1741	17.40	0.409	0.391	0.347	0.286	0.212	0.135	0.064	0.009	-0.025	-0.041
1751	17.50	-0.050	-0.073	-0.132	-0.242	-0.404	-0.598	-0.787	-0.927	-0.975	-0.908
1761	17.60	-0.726	-0.456	-0.142	0.164	0.418	0.591	0.674	0.680	0.632	0.560
1771	17.70	0.491	0.449	0.444	0.475	0.529	0.584	0.610	0.582	0.485	0.322
1781	17.80	0.116	-0.098	-0.281	-0.404	-0.460	-0.460	-0.433	-0.406	-0.393	-0.391
1791	17.90	-0.379	-0.335	-0.249	-0.128	-0.003	0.089	0.117	0.076	-0.018	-0.125
1801	18.00	-0.206	-0.237	-0.218	-0.171	-0.126	-0.105	-0.110	-0.122	-0.111	-0.053
1811	18.10	0.056	0.198	0.337	0.437	0.474	0.449	0.379	0.291	0.208	0.140
1821	18.20	0.081	0.022	-0.044	-0.112	-0.168	-0.191	-0.169	-0.102	-0.004	0.096
1831	18.30	0.172	0.206	0.193	0.144	0.078	0.017	-0.024	-0.038	-0.030	-0.013
1841	18.40	-0.003	-0.015	-0.053	-0.110	-0.166	-0.195	-0.174	-0.097	0.024	0.155
1851	18.50	0.253	0.282	0.234	0.131	0.023	-0.031	0.008	0.141	0.329	0.504
1861	18.60	0.597	0.572	0.436	0.241	0.057	-0.059	-0.089	-0.060	-0.028	-0.051
1871	18.70	-0.151	-0.307	-0.456	-0.526	-0.468	-0.288	-0.042	0.181	0.298	0.267
1881	18.80	0.101	-0.134	-0.354	-0.488	-0.512	-0.445	-0.341	-0.256	-0.218	-0.218
1891	18.90	-0.215	-0.159	-0.022	0.187	0.421	0.613	0.708	0.681	0.552	0.372
1901	19.00	0.205	0.100	0.070	0.090	0.115	0.095	0.006	-0.145	-0.323	-0.477
1911	19.10	-0.564	-0.564	-0.489	-0.373	-0.257	-0.177	-0.144	-0.152	-0.176	-0.191
1921	19.20	-0.179	-0.139	-0.080	-0.016	0.040	0.083	0.118	0.152	0.187	0.218
1931	19.30	0.231	0.210	0.145	0.036	-0.098	-0.229	-0.325	-0.359	-0.322	-0.222
1941	19.40	-0.084	0.059	0.177	0.247	0.261	0.224	0.150	0.052	-0.056	-0.167
1951	19.50	-0.279	-0.386	-0.478	-0.539	-0.548	-0.489	-0.355	-0.155	0.080	0.309
1961	19.60	0.490	0.592	0.606	0.545	0.440	0.327	0.232	0.168	0.128	0.097
1971	19.70	0.065	0.027	-0.007	-0.026	-0.025	-0.012	-0.008	-0.041	-0.123	-0.248
1981	19.80	-0.382	-0.477	-0.490	-0.403	-0.230	-0.021	0.167	0.288	0.329	0.313
1991	19.90	0.290	0.303	0.376	0.490	0.598	0.645	0.590	0.431	0.206	-0.027

Table 7−68−5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1260 S1401-GR-1-4 U-D (U-D) TONEGAWA ES. MAX. ACC. = 13.267 (GAL) T= 1.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.207	-0.301	-0.310	-0.266	-0.213	-0.186	-0.198	-0.236	-0.277	-0.297
2011	20.10	-0.287	-0.254	-0.209	-0.165	-0.120	-0.066	0.006	0.098	0.194	0.268
2021	20.20	0.293	0.257	0.171	0.068	-0.009	-0.028	0.020	0.115	0.215	0.279
2031	20.30	0.279	0.218	0.123	0.032	-0.021	-0.026	-0.001	0.020	-0.001	-0.084
2041	20.40	-0.224	-0.388	-0.526	-0.596	-0.573	-0.462	-0.294	-0.113	0.041	0.149
2051	20.50	0.212	0.253	0.298	0.367	0.456	0.542	0.587	0.560	0.444	0.253
2061	20.60	0.019	-0.212	-0.398	-0.519	-0.577	-0.591	-0.585	-0.571	-0.546	-0.491
2071	20.70	-0.386	-0.225	-0.021	0.187	0.351	0.433	0.419	0.324	0.192	0.072
2081	20.80	-0.000	-0.013	0.014	0.047	0.052	0.014	-0.054	-0.121	-0.148	-0.113
2091	20.90	-0.020	0.097	0.189	0.211	0.141	-0.007	-0.189	-0.349	-0.439	-0.438
2101	21.00	-0.360	-0.246	-0.142	-0.085	-0.082	-0.112	-0.133	-0.105	-0.007	0.157
2111	21.10	0.351	0.528	0.646	0.680	0.628	0.511	0.355	0.186	0.020	-0.136
2121	21.20	-0.276	-0.391	-0.465	-0.484	-0.442	-0.349	-0.232	-0.125	-0.059	-0.046
2131	21.30	-0.074	-0.115	-0.134	-0.109	-0.037	0.065	0.171	0.261	0.327	0.379
2141	21.40	0.430	0.490	0.551	0.590	0.581	0.505	0.369	0.198	0.034	-0.090
2151	21.50	-0.157	-0.177	-0.174	-0.175	-0.192	-0.219	-0.231	-0.207	-0.139	-0.042
2161	21.60	0.048	0.095	0.080	0.008	-0.089	-0.166	-0.186	-0.136	-0.029	0.105
2171	21.70	0.225	0.308	0.363	0.339	0.314	0.281	0.248	0.212	0.169	0.116
2181	21.80	0.059	0.004	-0.041	-0.070	-0.083	-0.081	-0.066	-0.036	0.008	0.060
2191	21.90	0.104	0.119	0.087	-0.001	-0.128	-0.262	-0.360	-0.389	-0.340	-0.236
2201	22.00	-0.124	-0.055	-0.061	-0.141	-0.257	-0.352	-0.371	-0.291	-0.125	0.076
2211	22.10	0.244	0.325	0.294	0.167	-0.008	-0.170	-0.271	-0.286	-0.225	-0.124
2221	22.20	-0.026	0.031	0.033	-0.013	-0.079	-0.131	-0.137	-0.084	0.023	0.162
2231	22.30	0.301	0.410	0.469	0.477	0.447	0.400	0.358	0.330	0.315	0.297
2241	22.40	0.258	0.183	0.067	-0.082	-0.244	-0.400	-0.530	-0.622	-0.671	-0.674
2251	22.50	-0.631	-0.547	-0.429	-0.290	-0.152	-0.035	0.044	0.081	0.089	0.086
2261	22.60	0.093	0.119	0.157	0.187	0.187	0.142	0.058	-0.042	-0.128	-0.177
2271	22.70	-0.183	-0.162	-0.140	-0.140	-0.166	-0.201	-0.216	-0.187	-0.108	-0.065
2281	22.80	0.084	0.117	0.080	-0.009	-0.101	-0.145	-0.107	0.005	0.143	0.242
2291	22.90	0.246	0.138	-0.051	-0.252	-0.395	-0.434	-0.368	-0.240	-0.108	-0.023
2301	23.00	0.003	-0.008	-0.011	0.030	0.125	0.247	0.348	0.382	0.331	0.214
2311	23.10	0.078	-0.023	-0.056	-0.023	0.047	0.110	0.134	0.112	0.064	0.024
2321	23.20	0.018	0.054	0.117	0.180	0.220	0.228	0.215	0.201	0.204	0.228
2331	23.30	0.258	0.276	0.263	0.214	0.139	0.057	-0.014	-0.067	-0.104	-0.131
2341	23.40	-0.151	-0.161	-0.149	-0.107	-0.036	0.050	0.128	0.176	0.181	0.147
2351	23.50	0.092	0.035	-0.012	-0.051	-0.090	-0.137	-0.191	-0.235	-0.248	-0.216
2361	23.60	-0.144	-0.056	0.008	0.018	-0.036	-0.132	-0.224	-0.266	-0.230	-0.123
2371	23.70	0.017	0.138	0.200	0.192	0.134	0.070	0.042	0.067	0.135	0.215
2381	23.80	0.272	0.290	0.277	0.261	0.267	0.305	0.354	0.371	0.314	0.160
2391	23.90	-0.077	-0.350	-0.592	-0.747	-0.788	-0.728	-0.608	-0.480	-0.380	-0.321
2401	24.00	-0.284	-0.241	-0.166	-0.049	0.093	0.232	0.334	0.380	0.367	0.312
2411	24.10	0.241	0.179	0.143	0.136	0.152	0.176	0.192	0.188	0.156	0.097
2421	24.20	0.018	-0.070	-0.152	-0.215	-0.251	-0.260	-0.251	-0.234	-0.219	-0.208
2431	24.30	-0.196	-0.169	-0.120	-0.048	0.034	0.105	0.141	0.127	0.066	-0.021
2441	24.40	-0.103	-0.151	-0.147	-0.099	-0.028	0.037	0.072	0.074	0.057	0.049
2451	24.50	0.075	0.144	0.242	0.339	0.394	0.380	0.292	0.152	0.000	-0.119
2461	24.60	-0.174	-0.157	-0.085	0.011	0.095	0.141	0.142	0.108	0.060	0.018
2471	24.70	-0.003	0.001	0.026	0.062	0.100	0.131	0.149	0.154	0.143	0.120
2481	24.80	0.092	0.065	0.048	0.042	0.044	0.042	0.022	-0.027	-0.105	-0.199
2491	24.90	-0.285	-0.334	-0.324	-0.250	-0.122	0.033	0.183	0.303	0.380	0.413

Table 7−68−6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1260 S1401-GR-1-4 U-D (U-D) TONEGAWA ES. MAX. ACC. = 13.267 (GAL) T= 1.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.412	0.391	0.357	0.310	0.246	0.161	0.055	-0.065	-0.187	-0.299
2511	25.10	-0.391	-0.458	-0.497	-0.505	-0.475	-0.400	-0.278	-0.118	0.057	0.213
2521	25.20	0.315	0.341	0.292	0.194	0.091	0.027	0.030	0.097	0.193	0.267
2531	25.30	0.268	0.172	-0.009	-0.227	-0.420	-0.530	-0.531	-0.437	-0.294	-0.163
2541	25.40	-0.092	-0.097	-0.158	-0.225	-0.246	-0.184	-0.040	0.149	0.327	0.438
2551	25.50	0.449	0.365	0.221	0.070	-0.039	-0.083	-0.066	-0.018	0.023	0.027
2561	25.60	-0.013	-0.082	-0.147	-0.176	-0.150	-0.075	0.027	0.116	0.157	0.128
2571	25.70	0.029	-0.119	-0.280	-0.413	-0.490	-0.499	-0.448	-0.366	-0.285	-0.234
2581	25.80	-0.229	-0.259	-0.300	-0.317	-0.280	-0.179	-0.030	0.130	0.257	0.313
2591	25.90	0.288	0.200	0.093	0.020	0.020	0.106	0.258	0.428	0.563	0.625
2601	26.00	0.600	0.505	0.376	0.252	0.156	0.091	0.040	-0.020	-0.107	-0.217
2611	26.10	-0.329	-0.410	-0.432	-0.384	-0.278	-0.145	-0.027	0.045	0.059	0.027
2621	26.20	-0.021	-0.052	-0.041	0.017	0.108	0.205	0.279	0.315	0.310	0.277
2631	26.30	0.231	0.187	0.150	0.113	0.070	0.016	-0.042	-0.093	-0.119	-0.113
2641	26.40	-0.083	-0.048	-0.035	-0.063	-0.134	-0.226	-0.304	-0.331	-0.286	-0.175
2651	26.50	-0.031	0.098	0.168	0.157	0.072	-0.051	-0.165	-0.229	-0.221	-0.144
2661	26.60	-0.019	0.121	0.252	0.356	0.427	0.467	0.475	0.450	0.391	0.297
2671	26.70	0.178	0.046	-0.080	-0.188	-0.270	-0.324	-0.353	-0.357	-0.331	-0.271
2681	26.80	-0.178	-0.061	0.060	0.157	0.208	0.203	0.152	0.077	0.008	-0.036
2691	26.90	-0.051	-0.053	-0.061	-0.092	-0.146	-0.203	-0.235	-0.215	-0.134	-0.004
2701	27.00	0.142	0.268	0.342	0.354	0.313	0.239	0.157	0.083	0.024	-0.023
2711	27.10	-0.062	-0.091	-0.106	-0.100	-0.072	-0.029	0.013	0.036	0.030	-0.006
2721	27.20	-0.058	-0.105	-0.125	-0.109	-0.060	0.007	0.069	0.108	0.112	0.081
2731	27.30	0.026	-0.040	-0.102	-0.151	-0.185	-0.207	-0.224	-0.246	-0.282	-0.334
2741	27.40	-0.396	-0.451	-0.476	-0.449	-0.352	-0.186	0.029	0.255	0.446	0.563
2751	27.50	0.587	0.524	0.405	0.274	0.172	0.124	0.130	0.172	0.218	0.243
2761	27.60	0.233	0.193	0.141	0.094	0.062	0.041	0.015	-0.030	-0.102	-0.190
2771	27.70	-0.270	-0.316	-0.309	-0.251	-0.143	-0.077	-0.021	-0.005	-0.018	-0.034
2781	27.80	-0.023	0.027	0.109	0.191	0.239	0.230	0.168	0.084	0.020	0.012
2791	27.90	0.069	0.167	0.261	0.302	0.265	0.159	0.023	-0.088	-0.136	-0.110
2801	28.00	-0.037	0.035	0.058	0.006	-0.111	-0.259	-0.391	-0.470	-0.484	-0.441
2811	28.10	-0.365	-0.280	-0.196	-0.116	-0.037	0.040	0.102	0.133	0.122	0.073
2821	28.20	0.009	-0.040	-0.044	0.006	0.094	0.187	0.249	0.261	0.229	0.179
2831	28.30	0.145	0.145	0.171	0.194	0.174	0.089	-0.054	-0.218	-0.346	-0.392
2841	28.40	-0.338	-0.207	-0.051	0.072	0.127	0.112	0.062	0.027	0.052	0.146
2851	28.50	0.286	0.419	0.489	0.462	0.338	0.148	-0.055	-0.221	-0.321	-0.352
2861	28.60	-0.335	-0.298	-0.263	-0.238	-0.212	-0.171	-0.100	-0.001	0.109	0.204
2871	28.70	0.255	0.247	0.185	0.092	0.001	-0.053	-0.051	0.004	0.089	0.164
2881	28.80	0.190	0.143	0.021	-0.152	-0.331	-0.472	-0.542	-0.531	-0.454	-0.347
2891	28.90	-0.244	-0.171	-0.133	-0.113	-0.083	-0.018	0.091	0.232	0.372	0.475
2901	29.00	0.510	0.469	0.363	0.225	0.089	-0.014	-0.071	-0.087	-0.077	-0.061
2911	29.10	-0.055	-0.062	-0.077	-0.094	-0.104	-0.108	-0.108	-0.112	-0.124	-0.142
2921	29.20	-0.159	-0.168	-0.160	-0.134	-0.091	-0.041	0.010	0.052	0.083	0.101
2931	29.30	0.109	0.111	0.112	0.117	0.131	0.155	0.188	0.225	0.255	0.269
2941	29.40	0.262	0.236	0.199	0.165	0.143	0.132	0.124	0.100	0.046	-0.043
2951	29.50	-0.155	-0.265	-0.345	-0.374	-0.350	-0.292	-0.230	-0.194	-0.196	-0.224
2961	29.60	-0.249	-0.235	-0.162	-0.034	0.118	0.245	0.303	0.270	0.153	-0.009
2971	29.70	-0.169	-0.283	-0.326	-0.302	-0.230	-0.139	-0.051	0.025	0.090	0.150
2981	29.80	0.209	0.261	0.299	0.313	0.302	0.272	0.237	0.209	0.195	0.192
2991	29.90	0.193	0.186	0.167	0.137	0.101	0.066	0.035	0.003	-0.033	-0.078

Table 7-68-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1260 S1401-GR-1-4 U-D (U-D) TONEGAWA ES. MAX. ACC. = 13.267 (GAL) T= 1.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.127	-0.172	-0.200	-0.202	-0.180	-0.144	-0.113	-0.099	-0.106	-0.122
3011	30.10	-0.126	-0.100	-0.034	0.063	0.164	0.235	0.250	0.198	0.093	-0.033
3021	30.20	-0.145	-0.213	-0.229	-0.202	-0.153	-0.102	-0.060	-0.026	0.014	0.066
3031	30.30	0.130	0.185	0.203	0.157	0.040	-0.130	-0.309	-0.443	-0.489	-0.434
3041	30.40	-0.299	-0.138	-0.009	0.044	0.012	-0.076	-0.168	-0.214	-0.188	-0.102
3051	30.50	-0.000	0.064	0.053	-0.034	-0.158	-0.256	-0.270	-0.174	0.010	0.222
3061	30.60	0.387	0.448	0.390	0.244	0.077	-0.043	-0.074	-0.014	0.097	0.201
3071	30.70	0.248	0.221	0.137	0.038	-0.027	-0.030	0.031	0.128	0.224	0.289
3081	30.80	0.309	0.291	0.252	0.207	0.162	0.110	0.044	-0.038	-0.125	-0.193
3091	30.90	-0.216	-0.177	-0.081	0.051	0.182	0.279	0.319	0.299	0.234	0.144
3101	31.00	0.053	-0.026	-0.086	-0.125	-0.145	-0.147	-0.135	-0.114	-0.091	-0.076
3111	31.10	-0.071	-0.071	-0.065	-0.038	0.016	0.092	0.172	0.231	0.247	0.214
3121	31.20	0.144	0.066	0.008	-0.010	0.010	0.053	0.093	0.111	0.099	0.065
3131	31.30	0.026	-0.009	-0.038	-0.072	-0.121	-0.188	-0.259	-0.307	-0.304	-0.238
3141	31.40	-0.120	0.016	0.126	0.175	0.152	0.072	-0.028	-0.115	-0.167	-0.187
3151	31.50	-0.192	-0.203	-0.225	-0.245	-0.238	-0.184	-0.080	0.048	0.159	0.210
3161	31.60	0.184	0.095	-0.015	-0.093	-0.102	-0.040	0.060	0.143	0.163	0.099
3171	31.70	-0.027	-0.164	-0.251	-0.247	-0.146	0.017	0.185	0.301	0.331	0.275
3181	31.80	0.164	0.042	-0.049	-0.089	-0.081	-0.045	-0.006	0.017	0.022	0.019
3191	31.90	0.022	0.041	0.072	0.100	0.102	0.059	-0.032	-0.155	-0.275	-0.357
3201	32.00	-0.371	-0.315	-0.210	-0.098	-0.024	-0.016	-0.074	-0.169	-0.251	-0.280
3211	32.10	-0.236	-0.136	-0.023	0.051	0.053	-0.017	-0.122	-0.208	-0.224	-0.155
3221	32.20	-0.022	0.120	0.210	0.211	0.124	-0.007	-0.120	-0.163	-0.115	0.001
3231	32.30	0.132	0.221	0.229	0.159	0.047	-0.051	-0.090	-0.052	0.044	0.157
3241	32.40	0.240	0.260	0.217	0.135	0.052	0.004	0.007	0.052	0.114	0.159
3251	32.50	0.161	0.114	0.032	-0.052	-0.106	-0.104	-0.040	0.067	0.180	0.256
3261	32.60	0.262	0.189	0.053	-0.104	-0.236	-0.307	-0.307	-0.254	-0.188	-0.150
3271	32.70	-0.160	-0.213	-0.272	-0.295	-0.246	-0.124	0.044	0.205	0.309	0.328
3281	32.80	0.269	0.169	0.079	0.036	0.054	0.112	0.176	0.213	0.210	0.181
3291	32.90	0.134	0.162	0.217	0.306	0.393	0.441	0.420	0.330	0.196	0.056
3301	33.00	-0.054	-0.116	-0.134	-0.129	-0.128	-0.149	-0.193	-0.245	-0.285	-0.297
3311	33.10	-0.277	-0.235	-0.191	-0.165	-0.166	-0.190	-0.221	-0.239	-0.226	-0.175
3321	33.20	-0.091	0.007	0.097	0.161	0.188	0.180	0.148	0.105	0.062	0.024
3331	33.30	-0.012	-0.052	-0.098	-0.143	-0.173	-0.172	-0.131	-0.055	0.035	0.108
3341	33.40	0.134	0.101	0.018	-0.083	-0.162	-0.189	-0.156	-0.083	-0.006	0.036
3351	33.50	0.023	-0.038	-0.111	-0.156	-0.141	-0.061	0.056	0.167	0.228	0.219
3361	33.60	0.151	0.064	0.002	-0.002	0.054	0.142	0.215	0.230	0.167	0.037
3371	33.70	-0.121	-0.258	-0.337	-0.348	-0.303	-0.233	-0.169	-0.124	-0.094	-0.058
3381	33.80	0.005	0.102	0.222	0.336	0.410	0.424	0.379	0.300	0.227	0.194
3391	33.90	0.216	0.284	0.366	0.420	0.416	0.345	0.224	0.084	-0.038	-0.118
3401	34.00	-0.149	-0.143	-0.117	-0.087	-0.061	-0.038	-0.016	0.005	0.015	0.002
3411	34.10	-0.041	-0.112	-0.194	-0.261	-0.290	-0.272	-0.218	-0.153	-0.108	-0.098
3421	34.20	-0.122	-0.156	-0.171	-0.143	-0.070	0.029	0.123	0.186	0.208	0.200
3431	34.30	0.187	0.194	0.227	0.272	0.300	0.283	0.209	0.088	-0.048	-0.165
3441	34.40	-0.240	-0.275	-0.289	-0.309	-0.349	-0.405	-0.451	-0.455	-0.398	-0.284
3451	34.50	-0.142	-0.012	0.070	0.094	0.074	0.041	0.026	0.042	0.082	0.119
3461	34.60	0.127	0.090	0.016	-0.073	-0.149	-0.191	-0.195	-0.172	-0.134	-0.094
3471	34.70	-0.049	0.007	0.079	0.160	0.228	0.256	0.222	0.124	-0.019	-0.169
3481	34.80	-0.281	-0.328	-0.303	-0.223	-0.116	-0.013	0.069	0.127	0.168	0.197
3491	34.90	0.215	0.213	0.183	0.122	0.042	-0.034	-0.081	-0.081	-0.037	0.032

Table 7-68-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1260 S1401-GR-1-4 U-D (U-D) TONEGAWA ES. MAX. ACC. = 13.267 (GAL) T= 1.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.095	0.124	0.107	0.052	-0.019	-0.078	-0.109	-0.107	-0.085	-0.061
3511	35.10	-0.046	-0.062	-0.036	-0.012	0.040	0.119	0.208	0.279	0.312	0.297
3521	35.20	0.244	0.177	0.123	0.100	0.113	0.145	0.171	0.171	0.136	0.077
3531	35.30	0.017	-0.015	-0.003	0.052	0.130	0.198	0.226	0.199	0.121	0.013
3541	35.40	-0.095	-0.176	-0.215	-0.215	-0.187	-0.148	-0.111	-0.079	-0.049	-0.018
3551	35.50	0.019	0.057	0.089	0.108	0.110	0.096	0.067	0.029	-0.017	-0.073
3561	35.60	-0.135	-0.199	-0.250	-0.275	-0.260	-0.204	-0.120	-0.032	0.034	0.061
3571	35.70	0.047	0.010	-0.026	-0.036	-0.013	0.033	0.078	0.097	0.074	0.016
3581	35.80	-0.058	-0.116	-0.139	-0.119	-0.072	-0.023	0.007	0.004	-0.024	-0.062
3591	35.90	-0.089	-0.097	-0.089	-0.081	-0.093	-0.132	-0.193	-0.256	-0.297	-0.296
3601	36.00	-0.252	-0.176	-0.092	-0.025	0.012	0.018	0.005	-0.012	-0.021	-0.017
3611	36.10	-0.004	0.009	0.018	0.024	0.030	0.043	0.065	0.092	0.113	0.121
3621	36.20	0.114	0.098	0.088	0.099	0.135	0.191	0.246	0.276	0.262	0.202
3631	36.30	0.113	0.027	-0.026	-0.024	0.027	0.102	0.162	0.173	0.120	0.011
3641	36.40	-0.122	-0.241	-0.319	-0.345	-0.331	-0.298	-0.267	-0.241	-0.213	-0.163
3651	36.50	-0.081	0.027	0.135	0.207	0.212	0.143	0.020	-0.114	-0.213	-0.245
3661	36.60	-0.208	-0.126	-0.037	0.026	0.051	0.050	0.050	0.078	0.141	0.225
3671	36.70	0.299	0.330	0.301	0.219	0.111	0.011	-0.056	-0.083	-0.080	-0.069
3681	36.80	-0.066	-0.076	-0.090	-0.092	-0.069	-0.019	0.049	0.116	0.164	0.184
3691	36.90	0.173	0.135	0.079	0.015	-0.051	-0.106	-0.138	-0.137	-0.095	-0.019
3701	37.00	0.074	0.158	0.214	0.230	0.215	0.187	0.167	0.165	0.173	0.174
3711	37.10	0.146	0.083	-0.001	-0.075	-0.105	-0.073	0.013	0.118	0.198	0.218
3721	37.20	0.172	0.082	-0.013	-0.074	-0.087	-0.061	-0.028	-0.018	-0.041	-0.085
3731	37.30	-0.116	-0.102	-0.034	0.071	0.167	0.209	0.172	0.063	-0.074	-0.188
3741	37.40	-0.235	-0.206	-0.124	-0.036	0.018	0.021	-0.012	-0.043	-0.031	0.044
3751	37.50	0.168	0.300	0.388	0.397	0.320	0.184	0.037	-0.075	-0.125	-0.120
3761	37.60	-0.089	-0.070	-0.092	-0.157	-0.242	-0.306	-0.315	-0.250	-0.125	0.023
3771	37.70	0.144	0.197	0.162	0.050	-0.102	-0.246	-0.339	-0.362	-0.319	-0.237
3781	37.80	-0.154	-0.097	-0.082	-0.101	-0.135	-0.162	-0.167	-0.145	-0.105	-0.061
3791	37.90	-0.023	0.002	0.017	0.023	0.021	0.011	-0.007	-0.033	-0.054	-0.059
3801	38.00	-0.032	0.028	0.113	0.199	0.259	0.274	0.240	0.171	0.093	0.031
3811	38.10	-0.000	-0.004	0.004	0.005	-0.011	-0.040	-0.067	-0.077	-0.062	-0.032
3821	38.20	-0.006	-0.006	-0.042	-0.108	-0.182	-0.234	-0.244	-0.207	-0.136	-0.056
3831	38.30	0.010	0.051	0.068	0.073	0.078	0.089	0.099	0.097	0.070	0.019
3841	38.40	-0.048	-0.113	-0.159	-0.179	-0.172	-0.148	-0.117	-0.087	-0.058	-0.026
3851	38.50	0.011	0.052	0.090	0.119	0.135	0.139	0.139	0.144	0.156	0.171
3861	38.60	0.178	0.166	0.133	0.087	0.049	0.038	0.070	0.139	0.223	0.291
3871	38.70	0.310	0.263	0.157	0.017	-0.118	-0.214	-0.251	-0.234	-0.186	-0.138
3881	38.80	-0.117	-0.132	-0.172	-0.214	-0.232	-0.208	-0.145	-0.064	0.009	0.048
3891	38.90	0.044	0.006	-0.040	-0.068	-0.060	-0.016	0.046	0.103	0.135	0.140
3901	39.00	0.130	0.129	0.150	0.196	0.245	0.264	0.227	0.124	-0.023	-0.171
3911	39.10	-0.270	-0.281	-0.199	-0.050	0.119	0.254	0.320	0.308	0.236	0.136
3921	39.20	0.040	-0.033	-0.077	-0.098	-0.102	-0.094	-0.076	-0.046	-0.009	0.027
3931	39.30	0.050	0.054	0.039	0.016	0.001	0.002	0.020	0.042	0.050	0.032
3941	39.40	-0.014	-0.072	-0.121	-0.141	-0.124	-0.080	-0.028	0.009	0.020	0.007
3951	39.50	-0.016	-0.029	-0.022	0.002	0.032	0.046	0.031	-0.017	-0.088	-0.165
3961	39.60	-0.229	-0.267	-0.272	-0.242	-0.182	-0.101	-0.009	0.075	0.133	0.149
3971	39.70	0.113	0.032	-0.074	-0.175	-0.244	-0.263	-0.232	-0.165	-0.086	-0.013
3981	39.80	0.046	0.091	0.126	0.156	0.177	0.180	0.160	0.118	0.067	0.025
3991	39.90	0.005	0.006	0.014	0.004	-0.044	-0.125	-0.215	-0.270	-0.249	-0.136

Table 7-68-9

TABLE OF CORRECTED ACCELERATION RECORD

NO. 9

INDEX NO. 1260 S1401-GR-1-4 U-D (U-D) TONEGAWA ES. MAX. ACC. = 13.267 (GAL) T= 1.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.050	0.255	0.413	0.471	0.414	0.271	0.105	-0.017	-0.050	0.010
4011	40.10	0.125	0.236	0.291	0.265	0.173	0.060	-0.026	-0.049	-0.008	0.066
4021	40.20	0.128	0.139	0.083	-0.023	-0.137	-0.211	-0.211	-0.134	-0.004	0.134
4031	40.30	0.233	0.262	0.216	0.117	0.003	-0.086	-0.128	-0.122	-0.088	-0.056
4041	40.40	-0.050	-0.079	-0.131	-0.181	-0.204	-0.185	-0.128	-0.057	-0.002	0.017
4051	40.50	-0.006	-0.054	-0.097	-0.109	-0.080	-0.020	0.041	0.072	0.054	-0.010
4061	40.60	-0.092	-0.155	-0.169	-0.122	-0.031	0.070	0.141	0.157	0.112	0.023
4071	40.70	-0.082	-0.174	-0.236	-0.264	-0.262	-0.237	-0.190	-0.121	-0.032	0.071
4081	40.80	0.168	0.236	0.256	0.219	0.138	0.041	-0.039	-0.078	-0.067	-0.018
4091	40.90	0.065	0.097	0.124	0.125	0.114	0.105	0.110	0.128	0.151	0.167
4101	41.00	0.167	0.153	0.131	0.109	0.091	0.075	0.053	0.019	-0.023	-0.064
4111	41.10	-0.089	-0.083	-0.047	0.008	0.060	0.087	0.077	0.034	-0.024	-0.074
4121	41.20	-0.097	-0.090	-0.066	-0.049	-0.062	-0.113	-0.194	-0.281	-0.343	-0.357
4131	41.30	-0.315	-0.229	-0.122	-0.025	0.039	0.061	0.044	0.003	-0.047	-0.091
4141	41.40	-0.119	-0.131	-0.124	-0.101	-0.063	-0.012	0.046	0.102	0.145	0.167
4151	41.50	0.161	0.131	0.087	0.040	0.004					

Table 7-69-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1261 S1401-GR-1-4 HB. (HB.) TONEGAWA ES. MAX. ACC. = -51.063 (GAL) T= 1.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.518	-3.074	-3.980	-3.772	-2.366	-0.132	2.210	3.855	4.218	3.162
11	0.10	1.055	-1.376	-3.325	-4.200	-3.821	-2.446	-0.633	0.997	1.985	2.168
21	0.20	1.686	0.872	0.099	-0.367	-0.467	-0.261	0.031	0.138	-0.072	-0.605
31	0.30	-1.311	-1.932	-2.197	-1.933	-1.155	-0.097	0.851	1.274	0.906	-0.227
41	0.40	-1.770	-3.123	-3.631	-2.828	-0.617	2.653	6.253	9.258	10.777	10.170
51	0.50	7.210	2.167	-4.189	-10.655	-15.782	-18.162	-16.815	-11.575	-3.336	5.963
61	0.60	13.765	17.611	15.982	8.953	-1.646	-12.674	-20.661	-22.965	-18.703	-9.057
71	0.70	3.164	14.551	22.291	25.069	23.305	18.685	13.235	8.381	4.434	0.726
81	0.80	-3.701	-9.213	-14.994	-19.091	-19.157	-13.613	-2.703	11.066	23.431	29.732
91	0.90	26.683	13.881	-5.609	-25.914	-40.168	-42.892	-32.102	-10.340	15.861	37.983
101	1.00	48.395	43.078	23.217	-4.989	-32.306	-49.608	-51.063	-36.231	-10.269	17.858
111	1.10	38.531	44.856	35.055	12.984	-13.358	-34.763	-44.087	-38.656	-20.982	2.401
121	1.20	23.458	35.557	35.670	25.138	8.832	-6.876	-16.504	-17.331	-10.108	1.522
131	1.30	12.606	18.785	17.836	10.315	-0.847	-11.576	-18.202	-18.758	-13.576	-5.003
141	1.40	3.588	9.110	9.892	6.214	0.090	-5.611	-8.328	-6.816	-1.610	5.214
151	1.50	10.890	13.056	10.681	4.462	-3.467	-10.370	-13.952	-13.204	-8.719	-2.370
161	1.60	3.481	6.927	7.201	4.859	1.396	-1.498	-2.706	-2.133	-0.649	0.428
171	1.70	0.060	-1.927	-4.691	-6.735	-6.617	-3.692	1.485	7.297	11.706	13.127
181	1.80	11.119	6.584	1.368	-2.575	-4.049	-3.133	-1.073	0.369	-0.172	-2.946
191	1.90	-6.914	-10.200	-10.974	-8.345	-2.825	3.832	9.374	12.004	11.120	7.502
201	2.00	2.884	-0.867	-2.554	-2.093	-0.388	1.225	1.683	0.695	-1.202	-3.004
211	2.10	-3.805	-3.268	-1.759	-0.104	0.877	0.804	-0.084	-1.105	-1.542	-1.068
221	2.20	0.037	1.001	0.944	-0.642	-3.573	-6.945	-9.452	-9.888	-7.651	-3.016
231	2.30	2.906	8.527	12.300	13.229	11.172	6.869	1.675	-2.882	-5.583	-5.873
241	2.40	-3.989	-0.822	2.424	4.658	5.257	4.222	2.103	-0.275	-2.160	-3.150
251	2.50	-3.279	-2.904	-2.457	-2.196	-2.079	-1.830	-1.149	0.048	1.499	2.655
261	2.60	2.919	1.956	-0.088	-2.566	-4.552	-5.211	-4.154	-1.629	1.548	4.299
271	2.70	5.697	5.310	3.351	0.567	-2.060	-3.682	-3.881	-2.772	-0.911	0.942
281	2.80	2.114	2.240	1.353	-0.161	-1.730	-2.790	-2.966	-2.168	-0.596	1.348
291	2.90	3.182	4.489	5.009	4.683	3.628	2.079	0.312	-1.409	-2.864	-3.880
301	3.00	-4.333	-4.161	-3.387	-2.149	-0.692	0.675	1.666	2.122	2.066	1.700
311	3.10	1.310	1.136	1.245	1.491	1.581	1.219	0.276	-1.114	-2.572	-3.616
321	3.20	-3.867	-3.222	-1.909	-0.408	0.742	1.144	0.682	-0.474	-1.972	-3.430
331	3.30	-4.554	-5.171	-5.178	-4.479	-2.970	-0.611	2.430	5.674	8.342	9.559
341	3.40	8.684	5.660	1.184	-3.406	-6.559	-7.099	-4.740	-0.294	4.568	7.937
351	3.50	8.433	5.805	1.087	-3.784	-6.750	-6.492	-3.014	2.316	7.309	9.844
361	3.60	8.752	4.318	-1.811	-7.283	-9.969	-8.808	-4.200	2.169	8.000	11.251
371	3.70	10.861	7.062	1.195	-4.852	-9.337	-11.213	-10.359	-7.459	-3.645	-0.060
381	3.80	2.475	3.615	3.463	2.422	1.015	-0.265	-1.060	-1.196	-0.707	0.183
391	3.90	1.113	1.692	1.629	0.855	-0.420	-1.767	-2.683	-2.808	-2.081	-0.797
401	4.00	0.501	1.242	1.080	0.059	-1.384	-2.584	-2.925	-2.101	-0.260	2.044
411	4.10	4.058	5.119	4.899	3.516	1.467	-0.569	-1.980	-2.417	-1.862	-0.582
421	4.20	1.009	2.507	3.616	4.181	4.158	3.563	2.444	0.892	-0.929	-2.760
431	4.30	-4.271	-5.146	-5.192	-4.439	-3.166	-1.824	-0.889	-0.678	-1.215	-2.198
441	4.40	-3.099	-3.355	-2.589	-0.777	1.714	4.223	6.001	6.459	5.373	2.976
451	4.50	-0.096	-2.975	-4.812	-5.030	-3.505	-0.619	2.828	5.834	7.488	7.256
461	4.60	5.167	1.845	-1.657	-4.179	-4.834	-3.335	-0.137	3.671	6.710	7.773
471	4.70	6.268	2.452	-2.626	-7.470	-10.654	-11.320	-9.475	-5.967	-2.151	0.626
481	4.80	1.528	0.517	-1.667	-3.842	-4.872	-4.138	-1.778	1.372	4.122	5.420
491	4.90	4.776	2.470	-0.543	-3.006	-3.838	-2.551	0.553	4.499	7.996	9.906

Table 7-69-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1261 S1401-GR-1-4 HB. (HB.) TONEGAWA ES. MAX. ACC. = -51.063 (GAL) T= 1.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	9.654	7.409	3.989	0.536	-1.916	-2.806	-2.205	-0.735	0.719	1.376
511	5.10	0.850	-0.731	-2.827	-4.735	-5.882	-6.031	-5.330	-4.195	-3.085	-2.295
521	5.20	-1.835	-1.470	-0.861	0.227	1.787	3.535	5.009	5.751	5.495	4.279
531	5.30	2.437	0.489	-1.039	-1.778	-1.610	-0.677	0.694	2.103	3.185	3.682
541	5.40	3.471	2.564	1.092	-0.713	-2.543	-4.055	-4.927	-4.965	-4.070	-2.179
551	5.50	-0.550	1.233	2.407	2.679	2.016	0.668	-0.909	-2.199	-2.791	-2.506
561	5.60	-1.444	0.060	1.558	2.646	3.084	2.856	2.154	1.266	0.481	-0.022
571	5.70	-0.214	-0.192	-0.111	-0.103	-0.219	-0.422	-0.621	-0.730	-0.717	-0.617
581	5.80	-0.507	-0.463	-0.512	-0.623	-0.723	-0.745	-0.674	-0.550	-0.449	-0.427
591	5.90	-0.478	-0.526	-0.462	-0.220	0.160	0.514	0.614	0.275	-0.521	-1.571
601	6.00	-2.482	-2.816	-2.278	-0.869	1.066	2.966	4.161	4.327	3.444	1.913
611	6.10	0.378	-0.533	-0.467	0.517	1.972	3.255	3.791	3.289	1.840	-0.153
621	6.20	-2.155	-3.706	-4.569	-4.752	-4.426	-3.802	-3.019	-2.126	-1.130	-0.080
631	6.30	0.870	1.485	1.544	0.970	-0.079	-1.219	-1.954	-1.864	-0.788	1.085
641	6.40	3.253	5.063	5.940	5.584	4.073	1.826	-0.541	-2.422	-3.405	-3.378
651	6.50	-2.532	-1.267	-0.057	0.699	0.783	0.196	-0.851	-2.015	-2.917	-3.249
661	6.60	-2.862	-1.811	-0.345	1.153	2.278	2.719	2.359	1.313	-0.097	-1.438
671	6.70	-2.300	-2.418	-1.754	-0.505	0.958	2.211	2.908	2.882	2.193	1.101
681	6.80	-0.016	-0.790	-0.970	-0.507	0.437	1.539	2.421	2.772	2.445	1.506
691	6.90	0.213	-1.070	-1.993	-2.328	-2.045	-1.320	-0.471	0.146	0.261	-0.222
701	7.00	-1.182	-2.313	-3.217	-3.526	-3.028	-1.742	0.068	1.966	3.469	4.199
711	7.10	4.004	3.005	1.558	0.128	-0.871	-1.220	-0.958	-0.348	0.246	0.508
721	7.20	0.301	-0.300	-1.053	-1.682	-1.999	-1.984	-1.771	-1.555	-1.468	-1.490
731	7.30	-1.446	-1.093	-0.253	1.060	2.608	3.988	4.789	4.758	3.914	2.550
741	7.40	1.126	0.090	-0.288	-0.010	0.668	1.355	1.679	1.431	0.621	-0.547
751	7.50	-1.765	-2.743	-3.298	-3.394	-3.132	-2.690	-2.262	-1.999	-1.972	-2.159
761	7.60	-2.455	-2.692	-2.686	-2.287	-1.431	-0.181	1.276	2.660	3.681	4.121
771	7.70	3.909	3.146	2.073	0.998	0.193	-0.180	-0.110	0.283	0.808	1.267
781	7.80	1.526	1.531	1.309	0.933	0.480	0.010	-0.454	-0.911	-1.375	-1.849
791	7.90	-2.318	-2.745	-3.077	-3.252	-3.217	-2.944	-2.440	-1.750	-0.950	-0.128
801	8.00	0.640	1.306	1.861	2.326	2.723	3.058	3.296	3.374	3.221	2.792
811	8.10	2.106	1.253	0.382	-0.345	-0.795	-0.915	-0.744	-0.404	-0.062	0.120
821	8.20	0.032	-0.352	-0.975	-1.705	-2.377	-2.833	-2.966	-2.746	-2.235	-1.568
831	8.30	-0.921	-0.454	-0.264	-0.348	-0.608	-0.879	-0.998	-0.860	-0.458	0.112
841	8.40	0.702	1.172	1.453	1.572	1.633	1.757	2.019	2.398	2.781	3.016
851	8.50	2.983	2.665	2.162	1.659	1.341	1.303	1.504	1.770	1.868	1.611
861	8.60	0.941	-0.033	-1.080	-1.936	-2.416	-2.485	-2.268	-1.983	-1.842	-1.952
871	8.70	-2.271	-2.633	-2.825	-2.691	-2.205	-1.487	-0.750	-0.213	-0.010	-0.131
881	8.80	-0.435	-0.712	-0.771	-0.521	-0.003	0.629	1.174	1.468	1.440	1.137
891	8.90	0.699	0.299	0.080	0.108	0.361	0.749	1.158	1.496	1.713	1.806
901	9.00	1.800	1.715	1.551	1.283	0.883	0.349	-0.274	-0.891	-1.375	-1.612
911	9.10	-1.545	-1.209	-0.731	-0.295	-0.091	-0.243	-0.765	-1.549	-2.390	-3.049
921	9.20	-3.328	-3.132	-2.499	-1.585	-0.617	0.181	0.656	0.768	0.596	0.306
931	9.30	0.089	0.101	0.415	1.004	1.759	2.529	3.166	3.566	3.685	3.531
941	9.40	3.148	2.586	1.889	1.093	0.233	-0.644	-1.475	-2.191	-2.730	-3.057
951	9.50	-3.176	-3.124	-2.953	-2.705	-2.395	-2.004	-1.496	-0.842	-0.045	0.841
961	9.60	1.722	2.479	3.008	3.250	3.206	2.937	2.546	2.140	1.805	1.576
971	9.70	1.632	1.305	1.107	0.758	0.222	-0.478	-1.261	-2.007	-2.600	-2.961
981	9.80	-3.082	-3.024	-2.894	-2.796	-2.787	-2.842	-2.857	-2.689	-2.217	-1.395
991	9.90	-0.293	0.923	2.033	2.838	3.225	3.196	2.864	2.399	1.970	1.683

Table 7-69-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1261 S1401-GR-1-4 HB. (HB.) TONEGAWA ES. MAX. ACC. = -51.063 (GAL) T= 1.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.583	1.613	1.695	1.752	1.735	1.634	1.464	1.245	0.986	0.683
1011	10.10	0.330	-0.063	-0.466	-0.827	-1.093	-1.227	-1.226	-1.122	-0.968	-0.818
1021	10.20	-0.709	-0.649	-0.623	-0.607	-0.584	-0.552	-0.525	-0.518	-0.538	-0.577
1031	10.30	-0.617	-0.640	-0.646	-0.656	-0.709	-0.840	-1.064	-1.354	-1.641	-1.832
1041	10.40	-1.840	-1.610	-1.147	-0.515	0.182	0.828	1.329	1.632	1.737	1.684
1051	10.50	1.535	1.352	1.185	1.059	0.979	0.932	0.895	0.840	0.743	0.594
1061	10.60	0.395	0.168	-0.055	-0.246	-0.393	-0.511	-0.641	-0.828	-1.094	-1.418
1071	10.70	-1.723	-1.899	-1.839	-1.484	-0.866	-0.103	0.629	1.156	1.372	1.276
1081	10.80	0.972	0.625	0.391	0.358	0.509	0.741	0.911	0.905	0.683	0.294
1091	10.90	-0.150	-0.530	-0.774	-0.880	-0.910	-0.951	-1.063	-1.262	-1.474	-1.610
1101	11.00	-1.584	-1.363	-0.988	-0.556	-0.184	0.039	0.086	0.002	-0.117	-0.167
1111	11.10	-0.074	0.177	0.536	0.918	1.235	1.435	1.517	1.530	1.539	1.593
1121	11.20	1.693	1.779	1.753	1.517	1.019	0.295	-0.533	-1.284	-1.777	-1.898
1131	11.30	-1.649	-1.149	-0.596	-0.195	-0.081	-0.262	-0.619	-0.949	-1.053	-0.816
1141	11.40	-0.255	0.482	1.172	1.609	1.683	1.427	1.000	0.627	0.503	0.719
1151	11.50	1.222	1.833	2.315	2.462	2.168	1.466	0.506	-0.503	-1.365	-1.960
1161	11.60	-2.269	-2.361	-2.346	-2.321	-2.329	-2.346	-2.301	-2.113	-1.732	-1.166
1171	11.70	-0.478	0.231	0.858	1.329	1.616	1.735	1.729	1.647	1.522	1.369
1181	11.80	1.186	0.967	0.711	0.432	0.153	-0.099	-0.302	-0.448	-0.544	-0.604
1191	11.90	-0.651	-0.702	-0.768	-0.853	-0.946	-1.029	-1.077	-1.064	-0.967	-0.778
1201	12.00	-0.507	-0.183	0.146	0.432	0.633	0.729	0.724	0.645	0.529	0.412
1211	12.10	0.316	0.249	0.206	0.179	0.168	0.180	0.230	0.332	0.492	0.698
1221	12.20	0.925	1.141	1.317	1.439	1.505	1.525	1.508	1.448	1.324	1.102
1231	12.30	0.748	0.246	-0.381	-1.072	-1.731	-2.251	-2.541	-2.551	-2.289	-1.820
1241	12.40	-1.247	-0.691	-0.258	-0.014	0.031	-0.080	-0.255	-0.386	-0.374	-0.163
1251	12.50	0.238	0.747	1.228	1.524	1.510	1.137	0.457	-0.381	-1.170	-1.714
1261	12.60	-1.888	-1.684	-1.211	-0.655	-0.212	-0.021	-0.114	-0.414	-0.773	-1.027
1271	12.70	-1.060	-0.839	-0.411	0.118	0.630	1.033	1.278	1.362	1.308	1.151
1281	12.80	0.924	0.656	0.375	0.110	-0.114	-0.278	-0.379	-0.427	-0.441	-0.433
1291	12.90	-0.402	-0.336	-0.217	-0.043	0.161	0.365	0.451	0.433	0.285	0.050
1301	13.00	-0.194	-0.361	-0.392	-0.282	-0.079	0.129	0.253	0.239	0.085	-0.152
1311	13.10	-0.379	-0.501	-0.452	-0.220	0.158	0.605	1.036	1.377	1.592	1.681
1321	13.20	1.671	1.601	1.498	1.365	1.183	0.919	0.549	0.077	-0.453	-0.969
1331	13.30	-1.382	-1.623	-1.661	-1.512	-1.233	-0.898	-0.570	-0.285	-0.044	0.174
1341	13.40	0.391	0.615	0.834	1.022	1.154	1.217	1.212	1.152	1.041	0.872
1351	13.50	0.625	0.281	-0.161	-0.670	-1.184	-1.626	-1.931	-2.069	-2.052	-1.934
1361	13.60	-1.784	-1.665	-1.611	-1.626	-1.683	-1.741	-1.756	-1.683	-1.488	-1.142
1371	13.70	-0.637	0.009	0.740	1.466	2.083	2.497	2.662	2.595	2.373	2.104
1381	13.80	1.886	1.764	1.714	1.653	1.480	1.122	0.571	-0.110	-0.803	-1.384
1391	13.90	-1.767	-1.934	-1.929	-1.838	-1.740	-1.676	-1.633	-1.557	-1.382	-1.068
1401	14.00	-0.619	-0.090	0.441	0.901	1.256	1.515	1.726	1.941	2.187	2.440
1411	14.10	2.632	2.671	2.481	2.038	1.391	0.646	-0.063	-0.620	-0.968	-1.123
1421	14.20	-1.164	-1.198	-1.316	-1.557	-1.898	-2.263	-2.557	-2.700	-2.650	-2.413
1431	14.30	-2.031	-1.561	-1.055	-0.548	-0.061	0.397	0.815	1.174	1.453	1.631
1441	14.40	1.702	1.673	1.572	1.430	1.281	1.143	1.020	0.895	0.740	0.532
1451	14.50	0.261	-0.058	-0.380	-0.642	-0.785	-0.771	-0.611	-0.363	-0.119	0.025
1461	14.60	0.009	-0.167	-0.436	-0.694	-0.834	-0.798	-0.596	-0.304	-0.029	0.139
1471	14.70	0.169	0.100	0.020	0.024	0.167	0.432	0.765	1.004	1.126	1.086
1481	14.80	0.921	0.710	0.536	0.443	0.428	0.445	0.437	0.369	0.242	0.088
1491	14.90	-0.049	-0.141	-0.189	-0.221	-0.269	-0.350	-0.453	-0.542	-0.581	-0.548

Table 7-69-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1261 S1401-GR-1-4 HB. (HB.) TONEGAWA ES. MAX. ACC. = -51.063 (GAL) T= 1.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.452	-0.322	-0.194	-0.091	-0.008	0.074	0.175	0.294	0.405	0.466
1511	15.10	0.444	0.336	0.177	0.029	-0.056	-0.059	-0.013	0.013	-0.056	-0.252
1521	15.20	-0.545	-0.844	-1.036	-1.033	-0.818	-0.457	-0.069	0.214	0.313	0.226
1531	15.30	0.027	-0.170	-0.268	-0.229	-0.087	0.072	0.153	0.099	-0.081	-0.321
1541	15.40	-0.520	-0.598	-0.519	-0.310	-0.067	0.184	0.313	0.319	0.223	0.081
1551	15.50	-0.044	-0.107	-0.091	-0.009	0.108	0.221	0.299	0.327	0.303	0.241
1561	15.60	0.158	0.074	0.006	-0.039	-0.061	-0.063	-0.051	-0.029	0.006	0.058
1571	15.70	0.130	0.218	0.309	0.382	0.413	0.385	0.297	0.163	0.010	-0.131
1581	15.80	-0.238	-0.302	-0.325	-0.319	-0.293	-0.248	-0.175	-0.061	0.105	0.318
1591	15.90	0.558	0.790	0.973	1.070	1.059	0.937	0.720	0.440	0.134	-0.159
1601	16.00	-0.410	-0.605	-0.749	-0.864	-0.981	-1.129	-1.324	-1.558	-1.795	-1.978
1611	16.10	-2.046	-1.951	-1.682	-1.267	-0.772	-0.285	0.116	0.383	0.512	0.549
1621	16.20	0.566	0.641	0.822	1.115	1.474	1.818	2.058	2.127	2.003	1.712
1631	16.30	1.319	0.902	0.524	0.218	-0.020	-0.212	-0.385	-0.548	-0.688	-0.782
1641	16.40	-0.814	-0.790	-0.748	-0.736	-0.797	-0.937	-1.119	-1.269	-1.308	-1.184
1651	16.50	-0.903	-0.526	-0.148	0.143	0.301	0.338	0.316	0.309	0.371	0.504
1661	16.60	0.664	0.783	0.804	0.714	0.551	0.381	0.270	0.250	0.306	0.393
1671	16.70	0.457	0.472	0.453	0.443	0.488	0.604	0.757	0.871	0.862	0.674
1681	16.80	0.315	-0.142	-0.580	-0.884	-0.984	-0.878	-0.633	-0.347	-0.116	0.011
1691	16.90	0.040	0.022	0.022	0.088	0.226	0.399	0.543	0.595	0.520	0.324
1701	17.00	0.056	-0.217	-0.426	-0.527	-0.511	-0.405	-0.259	-0.131	-0.065	-0.080
1711	17.10	-0.166	-0.290	-0.407	-0.474	-0.461	-0.364	-0.198	0.003	0.201	0.358
1721	17.20	0.448	0.461	0.402	0.289	0.149	0.010	-0.107	-0.189	-0.239	-0.274
1731	17.30	-0.321	-0.404	-0.536	-0.703	-0.864	-0.959	-0.927	-0.729	-0.371	0.091
1741	17.40	0.564	0.941	1.140	1.136	0.969	0.732	0.539	0.481	0.588	0.819
1751	17.50	1.077	1.247	1.243	1.043	0.695	0.302	-0.028	-0.221	-0.267	-0.222
1761	17.60	-0.176	-0.215	-0.377	-0.638	-0.921	-1.130	-1.191	-1.079	-0.828	-0.509
1771	17.70	-0.199	0.052	0.232	0.371	0.508	0.670	0.850	1.008	1.087	1.040
1781	17.80	0.850	0.537	0.155	-0.231	-0.563	-0.807	-0.955	-1.022	-1.031	-1.010
1791	17.90	-0.984	-0.970	-0.983	-1.028	-1.097	-1.167	-1.200	-1.154	-0.999	-0.732
1801	18.00	-0.380	-0.003	0.328	0.554	0.643	0.610	0.504	0.398	0.362	0.441
1811	18.10	0.641	0.927	1.233	1.484	1.612	1.579	1.384	1.065	0.687	0.325
1821	18.20	0.042	-0.133	-0.211	-0.237	-0.273	-0.369	-0.546	-0.781	-1.016	-1.180
1831	18.30	-1.218	-1.116	-0.905	-0.653	-0.438	-0.319	-0.311	-0.387	-0.489	-0.551
1841	18.40	-0.528	-0.408	-0.214	0.009	0.209	0.346	0.403	0.383	0.306	0.203
1851	18.50	0.103	0.028	-0.010	-0.018	-0.018	-0.045	-0.131	-0.293	-0.515	-0.746
1861	18.60	-0.910	-0.927	-0.747	-0.375	0.125	0.643	1.060	1.292	1.318	1.190
1871	18.70	1.005	0.866	0.834	0.907	1.020	1.082	1.018	0.806	0.495	0.179
1881	18.80	-0.043	-0.112	-0.038	0.102	0.199	0.159	-0.049	-0.386	-0.751	-1.029
1891	18.90	-1.138	-1.066	-0.874	-0.668	-0.555	-0.598	-0.788	-1.054	-1.292	-1.408
1901	19.00	-1.353	-1.136	-0.817	-0.479	-0.191	0.008	0.121	0.180	0.229	0.302
1911	19.10	0.419	0.582	0.782	1.009	1.252	1.499	1.730	1.920	2.040	2.067
1921	19.20	1.999	1.850	1.659	1.463	1.293	1.150	1.010	0.828	0.560	0.183
1931	19.30	-0.291	-0.810	-1.300	-1.683	-1.906	-1.949	-1.838	-1.632	-1.402	-1.214
1941	19.40	-1.108	-1.092	-1.140	-1.206	-1.234	-1.174	-0.996	-0.693	-0.291	0.166
1951	19.50	0.611	0.981	1.222	1.309	1.254	1.099	0.909	0.748	0.661	0.653
1961	19.60	0.696	0.732	0.703	0.576	0.353	0.077	-0.188	-0.383	-0.479	-0.488
1971	19.70	-0.459	-0.455	-0.527	-0.687	-0.907	-1.127	-1.279	-1.314	-1.219	-1.014
1981	19.80	-0.743	-0.451	-0.173	0.078	0.299	0.490	0.645	0.746	0.776	0.729
1991	19.90	0.616	0.465	0.316	0.199	0.128	0.093	0.070	0.032	-0.033	-0.119

Table 7-69-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1261 S1401-GR-1-4 HB. (HB.) TONEGAWA ES. MAX. ACC. = -51.063 (GAL) T= 1.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.204	-0.255	-0.249	-0.176	-0.044	0.119	0.283	0.412	0.480	0.467
2011	20.10	0.369	0.195	-0.024	-0.246	-0.417	-0.494	-0.452	-0.305	-0.099	0.102
2021	20.20	0.233	0.259	0.186	0.059	-0.059	-0.111	-0.072	0.040	0.174	0.270
2031	20.30	0.287	0.216	0.091	-0.033	-0.101	-0.080	0.025	0.177	0.326	0.426
2041	20.40	0.453	0.410	0.319	0.211	0.114	0.042	0.000	-0.016	-0.009	0.016
2051	20.50	0.051	0.083	0.088	0.039	-0.085	-0.284	-0.535	-0.785	-0.971	-1.036
2061	20.60	-0.951	-0.728	-0.419	-0.099	0.160	0.313	0.351	0.305	0.226	0.165
2071	20.70	0.149	0.178	0.227	0.264	0.265	0.228	0.171	0.121	0.102	0.123
2081	20.80	0.172	0.228	0.266	0.268	0.230	0.156	0.053	-0.073	-0.216	-0.370
2091	20.90	-0.522	-0.648	-0.722	-0.724	-0.647	-0.502	-0.316	-0.118	0.068	0.236
2101	21.00	0.389	0.536	0.676	0.795	0.864	0.854	0.753	0.570	0.345	0.130
2111	21.10	-0.027	-0.095	-0.070	0.026	0.162	0.306	0.437	0.542	0.617	0.656
2121	21.20	0.654	0.609	0.524	0.419	0.319	0.253	0.233	0.252	0.282	0.282
2131	21.30	0.217	0.072	-0.142	-0.394	-0.644	-0.860	-1.030	-1.161	-1.272	-1.385
2141	21.40	-1.510	-1.644	-1.770	-1.860	-1.887	-1.828	-1.668	-1.403	-1.044	-0.617
2151	21.50	-0.162	0.271	0.631	0.882	1.009	1.023	0.958	0.853	0.744	0.654
2161	21.60	0.588	0.542	0.512	0.495	0.497	0.518	0.550	0.571	0.550	0.459
2171	21.70	0.290	0.068	-0.158	-0.324	-0.381	-0.311	-0.145	0.054	0.210	0.267
2181	21.80	0.213	0.082	-0.057	-0.134	-0.109	0.006	0.154	0.253	0.234	0.080
2191	21.90	-0.169	-0.421	-0.573	-0.548	-0.334	0.015	0.393	0.683	0.805	0.740
2201	22.00	0.536	0.285	0.084	0.002	0.052	0.202	0.388	0.546	0.632	0.634
2211	22.10	0.562	0.438	0.287	0.124	-0.035	-0.181	-0.296	-0.372	-0.412	-0.436
2221	22.20	-0.478	-0.568	-0.717	-0.902	-1.068	-1.147	-1.087	-0.880	-0.568	-0.234
2231	22.30	0.030	0.159	0.144	0.027	-0.114	-0.206	-0.209	-0.131	-0.019	0.069
2241	22.40	0.094	0.050	-0.030	-0.099	-0.118	-0.076	0.011	0.106	0.174	0.201
2251	22.50	0.191	0.170	0.160	0.174	0.206	0.240	0.262	0.266	0.259	0.259
2261	22.60	0.277	0.316	0.363	0.400	0.411	0.391	0.353	0.316	0.301	0.319
2271	22.70	0.363	0.414	0.448	0.448	0.411	0.348	0.282	0.236	0.226	0.253
2281	22.80	0.300	0.343	0.352	0.304	0.191	0.018	-0.194	-0.415	-0.614	-0.768
2291	22.90	-0.863	-0.898	-0.883	-0.825	-0.734	-0.616	-0.475	-0.320	-0.167	-0.040
2301	23.00	0.037	0.046	-0.016	-0.134	-0.277	-0.409	-0.498	-0.529	-0.503	-0.437
2311	23.10	-0.354	-0.275	-0.210	-0.158	-0.108	-0.050	0.022	0.106	0.190	0.260
2321	23.20	0.298	0.298	0.260	0.199	0.138	0.104	0.116	0.182	0.293	0.426
2331	23.30	0.550	0.637	0.676	0.669	0.639	0.608	0.594	0.600	0.611	0.600
2341	23.40	0.543	0.428	0.263	0.068	-0.127	-0.298	-0.431	-0.525	-0.588	-0.630
2351	23.50	-0.660	-0.684	-0.707	-0.733	-0.769	-0.811	-0.848	-0.853	-0.795	-0.648
2361	23.60	-0.407	-0.098	0.228	0.506	0.684	0.740	0.694	0.596	0.507	0.470
2371	23.70	0.497	0.560	0.613	0.607	0.521	0.366	0.181	0.016	-0.090	-0.123
2381	23.80	-0.097	-0.044	0.000	0.008	-0.032	-0.119	-0.244	-0.393	-0.549	-0.689
2391	23.90	-0.786	-0.813	-0.749	-0.597	-0.384	-0.158	0.026	0.127	0.138	0.088
2401	24.00	0.033	0.036	0.135	0.332	0.586	0.833	1.011	1.082	1.045	0.933
2411	24.10	0.795	0.673	0.588	0.532	0.480	0.401	0.281	0.121	-0.060	-0.235
2421	24.20	-0.383	-0.493	-0.564	-0.602	-0.612	-0.591	-0.533	-0.433	-0.294	-0.130
2431	24.30	0.031	0.159	0.226	0.217	0.132	-0.014	-0.193	-0.374	-0.525	-0.621
2441	24.40	-0.645	-0.589	-0.456	-0.260	-0.026	0.215	0.427	0.580	0.654	0.642
2451	24.50	0.553	0.406	0.231	0.061	-0.072	-0.142	-0.134	-0.044	0.115	0.310
2461	24.60	0.494	0.615	0.624	0.494	0.226	-0.143	-0.552	-0.930	-1.218	-1.386
2471	24.70	-1.439	-1.411	-1.346	-1.276	-1.211	-1.134	-1.014	-0.826	-0.567	-0.269
2481	24.80	0.014	0.226	0.332	0.335	0.277	0.223	0.234	0.340	0.533	0.764
2491	24.90	0.969	1.096	1.118	1.047	0.920	0.782	0.669	0.594	0.551	0.524

Table 7-69-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1261 S1401-GR-1-4 HB. (HB.) TONEGAWA ES. MAX. ACC. = -51.063 (GAL) T= 1.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.497	0.466	0.434	0.407	0.385	0.361	0.318	0.242	0.124	-0.031
2511	25.10	-0.208	-0.382	-0.532	-0.640	-0.697	-0.703	-0.669	-0.620	-0.585	-0.595
2521	25.20	-0.671	-0.810	-0.976	-1.108	-1.134	-0.999	-0.696	-0.271	0.182	0.555
2531	25.30	0.766	0.796	0.692	0.549	0.468	0.504	0.667	0.824	0.932	0.892
2541	25.40	0.685	0.366	0.037	-0.199	-0.280	-0.218	-0.084	0.030	0.049	-0.040
2551	25.50	-0.194	-0.334	-0.387	-0.326	-0.179	-0.013	0.098	0.109	0.030	-0.090
2561	25.60	-0.182	-0.196	-0.123	-0.002	0.104	0.137	0.069	-0.086	-0.276	-0.440
2571	25.70	-0.526	-0.514	-0.416	-0.267	-0.107	0.032	0.133	0.195	0.227	0.239
2581	25.80	0.240	0.232	0.219	0.200	0.179	0.156	0.132	0.110	0.092	0.085
2591	25.90	0.098	0.140	0.214	0.314	0.424	0.522	0.583	0.591	0.542	0.444
2601	26.00	0.313	0.167	0.019	-0.128	-0.273	-0.419	-0.560	-0.683	-0.769	-0.805
2611	26.10	-0.791	-0.745	-0.698	-0.683	-0.718	-0.795	-0.879	-0.917	-0.862	-0.692
2621	26.20	-0.430	-0.131	0.131	0.295	0.343	0.303	0.242	0.235	0.332	0.532
2631	26.30	0.784	1.008	1.132	1.125	1.009	0.853	0.736	0.712	0.789	0.918
2641	26.40	1.023	1.033	0.913	0.678	0.388	0.114	-0.082	-0.178	-0.186	-0.148
2651	26.50	-0.108	-0.101	-0.142	-0.227	-0.347	-0.487	-0.628	-0.749	-0.822	-0.818
2661	26.60	-0.723	-0.549	-0.338	-0.153	-0.053	-0.071	-0.193	-0.360	-0.490	-0.515
2671	26.70	-0.412	-0.216	-0.006	0.132	0.143	0.030	-0.143	-0.286	-0.320	-0.216
2681	26.80	-0.008	0.218	0.370	0.386	0.265	0.063	-0.127	-0.223	-0.186	-0.034
2691	26.90	0.164	0.326	0.391	0.342	0.212	0.065	-0.035	-0.053	0.003	0.089
2701	27.00	0.147	0.132	0.034	-0.118	-0.267	-0.355	-0.348	-0.247	-0.094	0.050
2711	27.10	0.134	0.132	0.060	-0.035	-0.097	-0.086	0.002	0.130	0.241	0.278
2721	27.20	0.217	0.082	-0.068	-0.159	-0.132	0.022	0.266	0.523	0.712	0.780
2731	27.30	0.720	0.573	0.403	0.268	0.195	0.172	0.161	0.121	0.034	-0.084
2741	27.40	-0.190	-0.241	-0.211	-0.113	0.006	0.088	0.087	-0.009	-0.170	-0.340
2751	27.50	-0.459	-0.492	-0.439	-0.330	-0.213	-0.130	-0.099	-0.116	-0.156	-0.193
2761	27.60	-0.215	-0.221	-0.224	-0.238	-0.266	-0.301	-0.322	-0.309	-0.250	-0.145
2771	27.70	-0.010	0.132	0.255	0.337	0.366	0.338	0.259	0.144	0.010	-0.123
2781	27.80	-0.242	-0.342	-0.427	-0.508	-0.593	-0.681	-0.756	-0.789	-0.752	-0.628
2791	27.90	-0.424	-0.175	0.066	0.250	0.350	0.371	0.350	0.341	0.384	0.492
2801	28.00	0.645	0.794	0.889	0.899	0.826	0.703	0.578	0.491	0.456	0.459
2811	28.10	0.463	0.431	0.337	0.180	-0.024	-0.243	-0.448	-0.619	-0.742	-0.811
2821	28.20	-0.822	-0.771	-0.665	-0.519	-0.363	-0.230	-0.146	-0.118	-0.128	-0.142
2831	28.30	-0.119	-0.038	0.099	0.262	0.407	0.501	0.535	0.524	0.504	0.505
2841	28.40	0.536	0.575	0.582	0.516	0.361	0.135	-0.113	-0.323	-0.449	-0.479
2851	28.50	-0.439	-0.378	-0.343	-0.357	-0.410	-0.461	-0.466	-0.395	-0.250	-0.063
2861	28.60	0.116	0.245	0.304	0.304	0.277	0.258	0.269	0.308	0.350	0.363
2871	28.70	0.325	0.233	0.109	-0.013	-0.102	-0.142	-0.142	-0.128	-0.131	-0.172
2881	28.80	-0.255	-0.363	-0.469	-0.547	-0.586	-0.590	-0.577	-0.563	-0.557	-0.552
2891	28.90	-0.530	-0.473	-0.373	-0.239	-0.093	0.038	0.138	0.208	0.268	0.347
2901	29.00	0.464	0.622	0.796	0.950	1.042	1.070	1.026	0.945	0.860	0.795
2911	29.10	0.738	0.667	0.547	0.360	0.115	-0.144	-0.358	-0.480	-0.497	-0.437
2921	29.20	-0.364	-0.348	-0.437	-0.631	-0.888	-1.134	-1.300	-1.323	-1.266	-1.110
2931	29.30	-0.932	-0.784	-0.689	-0.641	-0.610	-0.564	-0.478	-0.353	-0.203	-0.051
2941	29.40	0.082	0.184	0.258	0.307	0.341	0.364	0.379	0.391	0.410	0.446
2951	29.50	0.510	0.604	0.718	0.830	0.912	0.936	0.885	0.759	0.580	0.379
2961	29.60	0.194	0.053	-0.032	-0.068	-0.078	-0.089	-0.120	-0.172	-0.229	-0.259
2971	29.70	-0.232	-0.132	0.030	0.222	0.396	0.509	0.539	0.489	0.388	0.274
2981	29.80	0.180	0.120	0.090	0.074	0.059	0.043	0.040	0.066	0.128	0.218
2991	29.90	0.306	0.358	0.347	0.270	0.147	0.019	-0.077	-0.121	-0.113	-0.075

Table 7-69-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1261 S1401-GR-1-4 HB. (HD.) TONEGAWA ES. MAX. ACC. = -51.063 (GAL) T= 1.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.036	-0.014	-0.017	-0.036	-0.063	-0.093	-0.134	-0.195	-0.279	-0.373
3011	30.10	-0.449	-0.478	-0.441	-0.347	-0.227	-0.126	-0.080	-0.098	-0.160	-0.221
3021	30.20	-0.241	-0.198	-0.101	0.016	0.118	0.180	0.209	0.227	0.266	0.338
3031	30.30	0.433	0.519	0.561	0.543	0.475	0.392	0.335	0.325	0.352	0.373
3041	30.40	0.336	0.198	-0.045	-0.359	-0.683	-0.950	-1.118	-1.177	-1.150	-1.081
3051	30.50	-1.006	-0.950	-0.910	-0.872	-0.815	-0.723	-0.590	-0.423	-0.233	-0.036
3061	30.60	0.153	0.319	0.451	0.545	0.606	0.652	0.704	0.782	0.887	1.001
3071	30.70	1.084	1.093	0.994	0.783	0.488	0.165	-0.120	-0.315	-0.395	-0.369
3081	30.80	-0.272	-0.151	-0.047	0.017	0.038	0.026	-0.001	-0.032	-0.060	-0.087
3091	30.90	-0.117	-0.156	-0.206	-0.264	-0.324	-0.375	-0.408	-0.415	-0.393	-0.348
3101	31.00	-0.294	-0.247	-0.222	-0.224	-0.245	-0.267	-0.268	-0.233	-0.161	-0.068
3111	31.10	0.022	0.084	0.101	0.077	0.028	-0.023	-0.056	-0.064	-0.054	-0.040
3121	31.20	-0.036	-0.049	-0.070	-0.085	-0.077	-0.049	0.021	0.086	0.133	0.144
3131	31.30	0.112	0.051	-0.015	-0.056	-0.049	0.014	0.120	0.238	0.328	0.357
3141	31.40	0.307	0.188	0.034	-0.105	-0.181	-0.164	-0.059	0.102	0.264	0.373
3151	31.50	0.396	0.337	0.230	0.131	0.090	0.130	0.238	0.370	0.469	0.490
3161	31.60	0.418	0.274	0.106	-0.034	-0.111	-0.117	-0.076	-0.024	0.010	0.015
3171	31.70	0.010	0.025	0.088	0.202	0.344	0.465	0.515	0.466	0.324	0.131
3181	31.80	-0.051	-0.166	-0.189	-0.136	-0.053	0.004	-0.004	-0.081	-0.196	-0.299
3191	31.90	-0.349	-0.336	-0.286	-0.247	-0.264	-0.350	-0.478	-0.589	-0.618	-0.530
3201	32.00	-0.339	-0.107	0.081	0.155	0.091	-0.076	-0.266	-0.393	-0.399	-0.281
3211	32.10	-0.087	0.108	0.240	0.284	0.261	0.223	0.221	0.277	0.373	0.457
3221	32.20	0.472	0.389	0.214	-0.005	-0.208	-0.345	-0.400	-0.389	-0.352	-0.324
3231	32.30	-0.321	-0.333	-0.334	-0.301	-0.231	-0.142	-0.068	-0.036	-0.054	-0.104
3241	32.40	-0.149	-0.158	-0.115	-0.033	0.053	0.110	0.119	0.091	0.062	0.074
3251	32.50	0.154	0.292	0.445	0.551	0.554	0.434	0.215	-0.036	-0.240	-0.328
3261	32.60	-0.277	-0.111	0.100	0.276	0.352	0.303	0.151	-0.047	-0.222	-0.325
3271	32.70	-0.343	-0.302	-0.251	-0.240	-0.296	-0.411	-0.549	-0.654	-0.682	-0.614
3281	32.80	-0.465	-0.274	-0.089	0.052	0.137	0.177	0.200	0.230	0.277	0.334
3291	32.90	0.376	0.380	0.337	0.260	0.178	0.131	0.143	0.218	0.332	0.442
3301	33.00	0.504	0.489	0.396	0.254	0.106	-0.004	-0.047	-0.025	0.039	0.109
3311	33.10	0.149	0.143	0.092	0.013	-0.074	-0.151	-0.215	-0.266	-0.311	-0.345
3321	33.20	-0.358	-0.338	-0.276	-0.180	-0.074	0.011	0.047	0.028	-0.023	-0.066
3331	33.30	-0.054	0.043	0.222	0.450	0.672	0.838	0.921	0.921	0.865	0.782
3341	33.40	0.687	0.577	0.434	0.248	0.030	-0.176	-0.309	-0.312	-0.168	0.090
3351	33.50	0.380	0.602	0.676	0.574	0.329	0.020	-0.262	-0.454	-0.542	-0.559
3361	33.60	-0.558	-0.590	-0.668	-0.772	-0.857	-0.885	-0.841	-0.743	-0.630	-0.541
3371	33.70	-0.494	-0.478	-0.463	-0.413	-0.312	-0.167	-0.004	0.148	0.267	0.353
3381	33.80	0.416	0.468	0.508	0.524	0.496	0.417	0.300	0.186	0.121	0.141
3391	33.90	0.249	0.411	0.562	0.637	0.601	0.457	0.257	0.070	-0.043	-0.056
3401	34.00	0.015	0.116	0.183	0.172	0.070	-0.096	-0.280	-0.433	-0.524	-0.549
3411	34.10	-0.527	-0.488	-0.456	-0.442	-0.442	-0.443	-0.429	-0.393	-0.336	-0.263
3421	34.20	-0.184	-0.105	-0.031	0.035	0.089	0.129	0.151	0.151	0.131	0.093
3431	34.30	0.043	-0.013	-0.067	-0.114	-0.144	-0.152	-0.133	-0.089	-0.029	0.028
3441	34.40	0.066	0.072	0.049	0.016	0.004	0.044	0.151	0.312	0.492	0.639
3451	34.50	0.707	0.675	0.551	0.376	0.202	0.069	-0.007	-0.042	-0.068	-0.118
3461	34.60	-0.202	-0.305	-0.389	-0.418	-0.375	-0.277	-0.165	-0.089	-0.081	-0.139
3471	34.70	-0.231	-0.307	-0.330	-0.291	-0.221	-0.166	-0.171	-0.246	-0.363	-0.469
3481	34.80	-0.505	-0.443	-0.296	-0.114	0.039	0.116	0.108	0.042	-0.031	-0.069
3491	34.90	-0.059	-0.018	0.019	0.021	-0.015	-0.062	-0.077	-0.027	0.088	0.234

Table 7-69-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1261 S1401-GR-1-4 HB. (HB.) TONEGAWA ES. MAX. ACC. = -51.063 (GAL) T= 1.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.355	0.399	0.342	0.206	0.040	-0.098	-0.170	-0.171	-0.127	-0.070
3511	35.10	-0.022	0.022	0.087	0.192	0.337	0.486	0.583	0.575	0.452	0.217
3521	35.20	-0.028	-0.205	-0.249	-0.148	0.059	0.292	0.474	0.555	0.533	0.441
3531	35.30	0.326	0.223	0.142	0.070	-0.009	-0.103	-0.197	-0.263	-0.277	-0.238
3541	35.40	-0.170	-0.117	-0.113	-0.171	-0.269	-0.361	-0.403	-0.373	-0.283	-0.177
3551	35.50	-0.105	-0.097	-0.150	-0.229	-0.285	-0.285	-0.224	-0.135	-0.064	-0.049
3561	35.60	-0.097	-0.180	-0.248	-0.254	-0.179	-0.042	0.106	0.210	0.232	0.170
3571	35.70	0.060	-0.044	-0.091	-0.056	0.049	0.191	0.323	0.414	0.452	0.452
3581	35.80	0.438	0.434	0.450	0.480	0.502	0.498	0.456	0.383	0.297	0.222
3591	35.90	0.175	0.159	0.161	0.158	0.125	0.053	-0.048	-0.152	-0.222	-0.231
3601	36.00	-0.170	-0.059	0.061	0.143	0.154	0.092	-0.016	-0.118	-0.166	-0.133
3611	36.10	-0.029	0.102	0.200	0.219	0.145	0.007	-0.140	-0.233	-0.234	-0.146
3621	36.20	-0.007	0.123	0.193	0.178	0.090	-0.033	-0.146	-0.217	-0.238	-0.222
3631	36.30	-0.193	-0.169	-0.154	-0.140	-0.115	-0.072	-0.016	0.043	0.091	0.125
3641	36.40	0.150	0.178	0.215	0.260	0.299	0.313	0.291	0.234	0.154	0.070
3651	36.50	-0.010	-0.087	-0.175	-0.287	-0.420	-0.551	-0.639	-0.646	-0.556	-0.389
3661	36.60	-0.201	-0.057	-0.008	-0.064	-0.187	-0.307	-0.354	-0.292	-0.133	0.065
3671	36.70	0.227	0.291	0.239	0.097	-0.077	-0.225	-0.310	-0.330	-0.310	-0.278
3681	36.80	-0.248	-0.208	-0.133	-0.003	0.174	0.358	0.489	0.512	0.405	0.195
3691	36.90	-0.048	-0.237	-0.305	-0.232	-0.054	0.157	0.315	0.366	0.302	0.164
3701	37.00	0.023	-0.055	-0.033	0.079	0.234	0.367	0.425	0.386	0.268	0.115
3711	37.10	-0.019	-0.097	-0.109	-0.078	-0.041	-0.039	-0.091	-0.191	-0.312	-0.417
3721	37.20	-0.478	-0.485	-0.451	-0.401	-0.363	-0.349	-0.355	-0.362	-0.352	-0.315
3731	37.30	-0.258	-0.203	-0.171	-0.173	-0.198	-0.222	-0.211	-0.147	-0.035	0.096
3741	37.40	0.200	0.242	0.209	0.123	0.030	-0.013	0.031	0.166	0.359	0.552
3751	37.50	0.685	0.721	0.660	0.534	0.395	0.291	0.245	0.252	0.282	0.297
3761	37.60	0.268	0.191	0.086	-0.015	-0.082	-0.104	-0.096	-0.090	-0.122	-0.211
3771	37.70	-0.350	-0.499	-0.601	-0.604	-0.480	-0.246	0.047	0.323	0.508	0.562
3781	37.80	0.485	0.325	0.151	0.031	0.006	0.078	0.210	0.345	0.429	0.433
3791	37.90	0.360	0.240	0.118	0.033	0.009	0.043	0.115	0.197	0.259	0.279
3801	38.00	0.249	0.172	0.059	-0.071	-0.195	-0.294	-0.352	-0.363	-0.335	-0.284
3811	38.10	-0.232	-0.198	-0.194	-0.217	-0.256	-0.294	-0.319	-0.326	-0.319	-0.308
3821	38.20	-0.301	-0.300	-0.301	-0.294	-0.269	-0.223	-0.156	-0.075	0.012	0.096
3831	38.30	0.169	0.222	0.247	0.236	0.185	0.096	-0.017	-0.130	-0.216	-0.250
3841	38.40	-0.223	-0.142	-0.031	0.078	0.156	0.184	0.163	0.108	0.044	-0.009
3851	38.50	-0.040	-0.054	-0.063	-0.086	-0.134	-0.204	-0.280	-0.338	-0.350	-0.303
3861	38.60	-0.197	-0.051	0.102	0.228	0.299	0.305	0.252	0.161	0.058	-0.030
3871	38.70	-0.087	-0.105	-0.090	-0.051	-0.003	0.038	0.061	0.058	0.027	-0.023
3881	38.80	-0.077	-0.115	-0.118	-0.079	-0.005	0.083	0.157	0.196	0.193	0.161
3891	38.90	0.128	0.126	0.173	0.268	0.389	0.502	0.574	0.589	0.549	0.470
3901	39.00	0.370	0.263	0.151	0.032	-0.092	-0.208	-0.290	-0.318	-0.281	-0.196
3911	39.10	-0.100	-0.039	-0.045	-0.120	-0.233	-0.331	-0.365	-0.313	-0.190	-0.041
3921	39.20	0.086	0.161	0.190	0.209	0.265	0.381	0.545	0.705	0.796	0.766
3931	39.30	0.610	0.371	0.125	-0.053	-0.120	-0.083	0.009	0.090	0.109	0.052
3941	39.40	-0.057	-0.174	-0.256	-0.286	-0.276	-0.252	-0.243	-0.255	-0.276	-0.284
3951	39.50	-0.262	-0.215	-0.167	-0.148	-0.174	-0.233	-0.285	-0.279	-0.182	0.006
3961	39.60	0.240	0.449	0.561	0.534	0.376	0.136	-0.108	-0.287	-0.362	-0.338
3971	39.70	-0.250	-0.151	-0.082	-0.061	-0.080	-0.116	-0.144	-0.150	-0.133	-0.107
3981	39.80	-0.085	-0.078	-0.086	-0.102	-0.117	-0.123	-0.118	-0.103	-0.083	-0.064
3991	39.90	-0.054	-0.058	-0.082	-0.124	-0.181	-0.237	-0.274	-0.276	-0.234	-0.153

Table 7-69-9

TABLE OF CORRECTED ACCELERATION RECORD

NO. 9

INDEX NO. 1261 S1401-GR-1-4 HB. (HB.) TONEGAWA ES. MAX. ACC. = -51.063 (GAL) T= 1.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.053	0.038	0.097	0.114	0.096	0.069	0.060	0.088	0.151	0.226
4011	40.10	0.277	0.274	0.203	0.079	-0.062	-0.177	-0.234	-0.227	-0.172	-0.105
4021	40.20	-0.061	-0.055	-0.081	-0.112	-0.120	-0.086	-0.017	0.061	0.111	0.107
4031	40.30	0.046	-0.047	-0.135	-0.179	-0.162	-0.094	-0.008	0.057	0.076	0.051
4041	40.40	0.009	-0.013	0.017	0.102	0.219	0.325	0.380	0.365	0.293	0.199
4051	40.50	0.128	0.110	0.145	0.206	0.242	0.223	0.136	0.001	-0.139	-0.242
4061	40.60	-0.282	-0.263	-0.219	-0.190	-0.206	-0.273	-0.366	-0.444	-0.468	-0.420
4071	40.70	-0.306	-0.158	-0.013	0.102	0.177	0.220	0.247	0.269	0.282	0.273
4081	40.80	0.226	0.135	0.017	-0.096	-0.162	-0.151	-0.061	0.082	0.228	0.321
4091	40.90	0.325	0.237	0.087	-0.068	-0.172	-0.187	-0.113	0.016	0.144	0.215
4101	41.00	0.198	0.097	-0.050	-0.190	-0.272	-0.276	-0.212	-0.118	-0.039	-0.009
4111	41.10	-0.037	-0.102	-0.172	-0.217	-0.227	-0.215	-0.204	-0.215	-0.248	-0.278
4121	41.20	-0.267	-0.188	-0.039	0.146	0.310	0.400	0.391	0.306	0.207	0.167
4131	41.30	0.232	0.395	0.595	0.741	0.757	0.617	0.367	0.104	-0.066	-0.073
4141	41.40	0.076	0.305	0.496	0.548	0.419	0.146	-0.174	-0.424	-0.524	-0.458
4151	41.50	-0.279	-0.075	0.067	0.103	0.046					

Table 7-70-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1262 713-GR-1-4 HA. (HA.) YOSHIDAGAWA EHB. MAX. ACC. = -42.303 (GAL) T= 0.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	7.471	5.022	0.605	-5.245	-11.663	-17.705	-22.568	-25.704	-26.818	-25.795
11	0.10	-22.640	-17.474	-10.599	-2.562	5.843	13.677	20.054	24.345	26.308	26.063
21	0.20	23.951	20.320	15.391	9.261	2.050	-5.867	-13.705	-20.290	-24.302	-24.675
31	0.30	-21.001	-13.766	-4.318	5.454	13.605	18.634	19.811	17.271	11.868	4.871
41	0.40	-2.356	-8.620	-13.053	-15.180	-14.934	-12.642	-8.982	-4.883	-1.346	0.792
51	0.50	1.097	-0.319	-2.806	-5.370	-6.981	-6.889	-4.828	-1.040	3.878	9.210
61	0.60	14.326	18.760	22.151	24.109	24.116	21.571	15.996	7.328	-3.831	-16.155
71	0.70	-27.806	-36.873	-41.901	-42.303	-38.517	-31.826	-23.927	-16.398	-10.283	-5.900
81	0.80	-2.937	-0.750	1.289	3.516	5.879	8.017	9.446	9.768	8.814	6.687
91	0.90	3.730	0.429	-2.687	-5.145	-6.614	-6.981	-6.398	-5.281	-4.240	-3.929
101	1.00	-4.846	-7.139	-10.496	-14.152	-17.044	-18.063	-16.343	-11.493	-3.732	6.134
111	1.10	16.847	26.932	34.982	39.930	41.268	39.158	34.397	28.228	22.017	16.872
121	1.20	13.324	11.176	9.599	7.460	3.787	-1.794	-8.811	-15.999	-21.644	-24.116
131	1.30	-22.390	-16.398	-7.074	3.893	14.517	23.013	28.186	29.623	27.657	23.164
141	1.40	17.283	11.148	5.677	1.455	-1.308	-2.755	-3.312	-3.572	-4.159	-5.571
151	1.50	-8.049	-11.499	-15.489	-19.334	-22.242	-23.500	-22.634	-19.528	-14.458	-8.050
161	1.60	-1.161	5.274	10.412	13.668	14.703	13.654	10.886	6.998	2.673	-1.452
171	1.70	-4.896	-7.398	-8.944	-9.743	-10.156	-10.587	-11.354	-12.555	-13.987	-15.144
181	1.80	-15.326	-13.843	-10.267	-4.641	2.432	9.890	16.472	21.069	23.050	22.433
191	1.90	19.845	16.291	12.810	10.163	8.654	8.132	8.149	8.184	7.825	6.857
201	2.00	5.232	2.993	0.202	-3.060	-6.628	-10.169	-13.150	-14.905	-14.810	-12.495
211	2.10	-8.026	-1.962	4.748	10.977	15.692	18.176	18.133	15.681	11.242	5.420
221	2.20	-1.110	-7.646	-13.488	-17.956	-20.457	-20.597	-18.291	-13.849	-7.959	-1.569
231	2.30	4.322	8.886	11.643	12.535	11.865	10.155	7.963	5.723	3.662	1.794
241	2.40	-0.022	-2.003	-4.361	-7.257	-10.765	-14.852	-19.348	-23.926	-28.092	-31.224
251	2.50	-32.666	-31.871	-28.570	-22.904	-15.476	-7.285	0.455	6.576	10.222	11.071
261	2.60	9.415	6.106	2.348	-0.603	-1.760	-0.671	2.443	6.722	10.862	13.449
271	2.70	13.322	9.906	3.379	-5.321	-14.726	-23.188	-29.266	-32.061	-31.374	-27.673
281	2.80	-21.880	-15.068	-8.171	-1.780	3.892	8.934	13.555	17.916	22.018	25.673
291	2.90	28.576	30.398	30.897	29.972	27.680	24.215	19.881	15.061	10.212	5.832
301	3.00	2.427	0.420	0.052	1.286	3.754	6.796	9.579	11.297	11.381	9.662
311	3.10	6.441	2.422	-1.454	-4.250	-5.263	-4.187	-1.179	3.204	8.140	12.725
321	3.20	16.139	17.767	17.258	14.541	9.808	3.493	-3.752	-11.093	-17.585	-22.290
331	3.30	-24.449	-23.653	-19.990	-14.087	-7.020	-0.097	5.444	8.733	9.475	7.992
341	3.40	5.086	1.777	-1.014	-2.717	-3.232	-2.889	-2.276	-2.019	-2.585	-4.172
351	3.50	-6.702	-9.883	-13.297	-16.473	-18.930	-20.212	-19.931	-17.857	-14.013	-8.747
361	3.60	-2.724	3.203	8.211	11.763	13.785	14.691	15.222	16.142	17.914	20.470
371	3.70	23.191	25.095	25.174	22.748	17.714	10.587	2.350	-5.822	-12.857	-18.004
381	3.80	-20.912	-21.598	-20.344	-17.590	-13.857	-9.701	-5.671	-2.263	0.169	1.484
391	3.90	1.793	1.433	0.862	0.517	0.690	1.455	2.668	4.148	5.577	6.791
401	4.00	7.696	8.258	8.451	8.209	7.419	5.969	3.811	1.022	-2.165	-5.394
411	4.10	-8.250	-10.362	-11.492	-11.612	-10.922	-9.820	-8.812	-8.375	-8.812	-10.127
421	4.20	-11.985	-13.766	-14.731	-14.247	-11.999	-8.125	-3.192	1.957	6.458	9.675
431	4.30	11.362	11.685	11.093	10.121	9.189	8.489	7.981	7.489	6.828	5.913
441	4.40	4.790	3.607	2.539	1.721	1.216	1.036	1.170	1.619	2.390	3.461
451	4.50	4.734	6.000	6.951	7.229	6.512	4.599	1.470	-2.682	-7.468	-12.344
461	4.60	-16.684	-19.864	-21.362	-20.863	-18.333	-14.063	-8.828	-2.781	2.710	7.233
471	4.70	10.456	12.357	13.151	13.145	12.574	11.497	9.783	7.220	3.679	-0.727
481	4.80	-5.557	-10.089	-13.480	-15.004	-14.269	-11.346	-6.769	-1.391	3.830	8.063
491	4.90	10.769	11.762	11.170	9.333	6.684	3.664	0.684	-1.877	-3.666	-4.378

Table 7-70-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1262 713-GR-1-4 HA. (HA.) YOSHIDAGAWA EHB. MAX. ACC. = -42.303 (GAL) T= 0.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-3.799	-1.886	1.190	5.038	9.106	12.805	15.634	17.281	17.655	16.847
511	5.10	15.041	12.433	9.179	5.406	1.262	-3.023	-7.113	-10.608	-13.133	-14.455
521	5.20	-14.567	-13.705	-12.283	-10.769	-9.542	-8.788	-8.465	-8.341	-8.096	-7.434
531	5.30	-6.176	-4.302	-1.944	0.662	3.235	5.513	7.284	8.410	8.828	8.544
541	5.40	7.619	6.156	4.280	2.117	-0.225	-2.667	-5.155	-7.640	-10.049	-12.260
551	5.50	-14.092	-15.325	-15.756	-15.263	-13.871	-11.776	-9.318	-6.886	-4.801	-3.195
561	5.60	-1.947	-0.713	0.953	3.422	6.813	10.889	15.075	18.596	20.702	20.891
571	5.70	19.067	15.565	11.051	6.326	2.116	-1.087	-3.094	-3.996	-4.065	-3.654
581	5.80	-3.106	-2.702	-2.636	-3.001	-3.778	-4.816	-5.834	-6.463	-6.324	-5.139
591	5.90	-2.831	0.419	4.194	7.940	11.110	13.317	14.431	14.600	14.183	13.617
601	6.00	13.268	13.298	13.602	13.823	13.449	11.962	9.013	4.556	-1.082	-7.229
611	6.10	-13.000	-17.497	-20.029	-20.284	-18.408	-14.963	-10.779	-6.746	-3.608	-1.815
621	6.20	-1.468	-2.346	-4.003	-5.890	-7.669	-8.293	-8.062	-6.642	-4.074	-0.555
631	6.30	3.587	7.959	12.057	15.517	17.968	19.152	18.919	17.221	14.116	9.755
641	6.40	4.384	-1.677	-8.050	-14.337	-20.148	-25.125	-28.944	-31.317	-32.003	-30.839
651	6.50	-27.804	-23.085	-17.117	-10.559	-4.192	1.245	5.230	7.584	8.492	8.410
661	6.60	7.898	7.430	7.265	7.414	7.707	7.908	7.834	7.417	6.701	5.794
671	6.70	4.821	3.895	3.130	2.664	2.650	3.207	4.329	5.796	7.152	7.772
681	6.80	7.048	4.606	0.503	-4.699	-10.010	-14.246	-16.325	-15.558	-11.821	-5.582
691	6.90	2.222	10.407	17.784	23.372	26.522	26.967	24.799	20.404	14.387	7.482
701	7.00	0.478	-5.859	-10.856	-14.006	-15.023	-13.890	-10.869	-6.485	-1.462	3.384
711	7.10	7.275	9.608	10.063	8.658	5.720	1.807	-2.432	-6.382	-9.572	-11.721
721	7.20	-12.738	-12.678	-11.691	-9.922	-7.738	-5.212	-2.621	-0.187	1.882	3.404
731	7.30	4.235	6.284	3.517	1.975	-0.219	-2.844	-5.596	-8.116	-10.052	-11.128
741	7.40	-11.206	-10.323	-8.682	-6.605	-4.470	-2.637	-1.393	-0.917	-1.255	-2.309
751	7.50	-3.832	-5.438	-6.643	-6.944	-5.916	-3.324	0.811	6.199	12.337	18.624
761	7.60	24.474	29.410	33.107	35.375	36.128	35.351	33.104	29.539	24.924	19.634
771	7.70	14.101	8.724	3.788	-0.588	-4.429	-7.822	-10.821	-13.364	-15.266	-16.281
781	7.80	-16.203	-14.968	-12.706	-9.714	-6.375	-3.054	-0.022	2.577	4.691	6.318
791	7.90	7.454	8.083	8.191	7.798	6.962	5.771	4.293	2.539	0.453	-2.060
801	8.00	-5.065	-8.520	-12.242	-15.922	-19.205	-21.797	-23.552	-24.508	-24.842	-24.770
811	8.10	-24.433	-23.811	-22.717	-20.867	-18.010	-14.044	-9.211	-3.902	1.221	5.485
821	8.20	8.351	9.554	9.163	7.543	5.241	2.828	0.762	-0.699	-1.508	-1.769
831	8.30	-1.646	-1.280	-0.738	-0.018	0.909	2.044	3.329	4.635	5.791	6.612
841	8.40	6.935	6.631	5.613	3.848	1.386	-1.591	-4.734	-7.536	-9.397	-9.765
851	8.50	-8.299	-5.013	-0.328	4.995	10.046	13.998	16.335	16.969	16.221	14.682
861	8.60	12.992	11.646	10.861	10.565	10.475	10.240	9.568	8.324	6.558	6.477
871	8.70	2.392	0.636	-0.507	-0.874	-0.477	0.473	1.583	2.353	2.303	1.129
881	8.80	-1.172	-4.245	-7.434	-9.939	-11.041	-10.317	-7.780	-3.895	0.547	4.626
891	8.90	7.536	8.761	8.166	5.981	2.695	-1.090	-4.799	-7.988	-10.398	-11.951
901	9.00	-12.720	-12.874	-12.612	-12.118	-11.513	-10.850	-10.128	-9.324	-8.440	-7.533
911	9.10	-6.717	-6.127	-5.860	-5.912	-6.150	-6.352	-6.172	-5.445	-4.075	-2.177
921	9.20	-0.036	1.984	3.554	4.496	4.824	4.753	4.600	4.680	5.206	6.223
931	9.30	7.606	9.113	10.465	11.423	11.852	11.736	11.174	10.335	9.420	8.606
941	9.40	8.015	7.684	7.561	7.514	7.365	6.936	6.097	4.815	3.170	1.360
951	9.50	-0.345	-1.647	-2.290	-2.106	-1.059	0.756	3.118	5.717	8.202	10.228
961	9.60	11.511	11.870	11.255	9.745	7.536	4.886	2.064	-0.707	-3.281	-5.599
971	9.70	-7.664	-9.507	-11.145	-12.560	-13.697	-14.483	-14.859	-14.804	-14.357	-13.609
981	9.80	-12.689	-11.747	-10.928	-10.350	-10.080	-10.118	-10.378	-10.693	-10.833	-10.562
991	9.90	-9.696	-8.168	-6.064	-3.613	-1.131	1.063	2.726	3.740	4.105	3.895

Table 7-70-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1262 713-GR-1-4 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -42.303 (GAL) T= 0.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	3.190	2.037	0.451	-1.531	-3.784	-6.046	-7.928	-8.989	-8.861	-7.365
1011	10.10	-4.575	-0.792	3.552	8.026	12.316	16.255	19.787	22.874	25.400	27.143
1021	10.20	27.825	27.225	25.302	22.268	18.565	14.746	11.304	8.518	6.372	4.584
1031	10.30	2.738	0.445	-2.501	-6.040	-9.854	-13.456	-16.311	-17.966	-18.145	-16.797
1041	10.40	-14.099	-10.416	-6.232	-2.064	1.627	4.517	6.467	7.520	7.866	7.754
1051	10.50	7.410	6.970	6.452	5.771	4.782	3.335	1.315	-1.334	-4.592	-8.353
1061	10.60	-12.413	-16.461	-20.100	-22.893	-24.458	-24.564	-23.205	-20.621	-17.229	-13.506
1071	10.70	-9.854	-6.495	-3.453	-0.616	2.164	4.959	7.721	10.301	12.527	14.289
1081	10.80	15.582	16.481	17.060	17.297	17.023	15.244	13.752	10.259	5.520	-0.124
1091	10.90	-6.098	-11.724	-16.380	-19.629	-21.287	-21.404	-20.198	-17.968	-15.016	-11.608
1101	11.00	-7.961	-4.246	-0.602	2.861	6.055	8.904	11.329	13.237	14.518	15.067
1111	11.10	14.824	13.815	12.178	10.158	8.069	6.221	4.856	4.101	3.953	4.299
1121	11.20	4.952	5.688	6.270	6.466	6.065	4.905	2.917	0.171	-3.097	-6.490
1131	11.30	-9.506	-11.636	-12.470	-11.794	-9.634	-6.247	-2.059	2.422	6.700	10.358
1141	11.40	13.102	14.772	15.339	14.890	13.609	11.749	9.599	7.433	5.461	3.788
1151	11.50	2.400	1.175	-0.059	-1.463	-3.120	-4.990	-6.915	-8.657	-9.968	-10.666
1161	11.60	-10.696	-10.142	-9.211	-8.166	-7.260	-6.663	-6.426	-6.480	-6.664	-6.775
1171	11.70	-6.618	-6.049	-4.993	-3.457	-1.518	0.678	2.933	5.011	6.663	7.662
1181	11.80	7.850	7.172	5.704	3.643	1.274	-1.088	-3.164	-4.759	-5.790	-6.280
1191	11.90	-6.323	-6.044	-5.557	-4.946	-4.261	-3.531	-2.781	-2.047	-1.373	-0.806
1201	12.00	-0.372	-0.070	0.143	0.340	0.607	1.016	1.597	2.321	3.093	3.767
1211	12.10	4.169	4.137	3.553	2.378	0.657	-1.487	-3.875	-6.303	-8.579	-10.538
1221	12.20	-12.057	-13.053	-13.479	-13.319	-12.594	-11.368	-9.756	-7.930	-6.102	-4.492
1231	12.30	-3.291	-2.608	-2.438	-2.649	-3.000	-3.186	-2.906	-1.924	-0.122	2.473
1241	12.40	5.701	9.290	12.907	16.204	18.851	20.577	21.189	20.599	18.837	16.070
1251	12.50	12.590	8.787	5.098	1.936	-0.374	-1.644	-1.830	-1.014	0.638	2.921
1261	12.60	5.618	8.501	11.325	13.814	15.673	16.634	16.514	15.277	13.069	10.196
1271	12.70	7.063	4.079	1.563	-0.308	-1.511	-2.142	-2.354	-2.305	-2.122	-1.906
1281	12.80	-1.735	-1.689	-1.842	-2.252	-2.938	-3.871	-4.980	-6.177	-7.391	-8.577
1291	12.90	-9.713	-10.772	-11.698	-12.390	-12.723	-12.598	-11.996	-11.007	-9.826	-8.699
1301	13.00	-7.848	-7.402	-7.359	-7.612	-7.997	-8.369	-8.647	-8.821	-8.917	-8.950
1311	13.10	-8.879	-8.610	-8.028	-7.064	-5.739	-4.190	-2.628	-1.281	-0.308	0.241
1321	13.20	0.443	0.456	0.461	0.602	0.953	1.518	2.259	3.130	4.093	5.119
1331	13.30	6.169	7.182	8.071	8.753	9.160	9.375	9.435	9.510	9.743	10.213
1341	13.40	10.892	11.646	12.276	12.590	12.469	11.910	11.020	9.970	8.928	7.997
1351	13.50	7.191	6.445	5.660	4.760	3.728	2.615	1.520	0.550	-0.213	-0.729
1361	13.60	-0.985	-0.982	-0.715	-0.180	0.600	1.542	2.483	3.198	3.448	3.056
1371	13.70	1.983	0.351	-1.579	-3.492	-5.122	-6.346	-7.218	-7.935	-8.751	-9.858
1381	13.80	-11.296	-12.922	-14.448	-15.523	-15.850	-15.270	-13.810	-11.666	-9.151	-6.619
1391	13.90	-4.390	-2.694	-1.632	-1.174	-1.166	-1.370	-1.518	-1.380	-0.840	0.067
1401	14.00	1.146	2.090	2.574	2.360	1.379	-0.234	-2.181	-4.090	-5.630	-6.605
1411	14.10	-6.990	-6.905	-6.540	-6.059	-5.531	-4.911	-4.065	-2.844	-1.145	1.033
1421	14.20	3.586	6.326	9.032	11.493	13.540	15.052	15.953	16.198	15.764	14.660
1431	14.30	12.933	10.683	8.074	5.323	2.691	0.444	-1.175	-1.990	-1.923	-1.015
1441	14.40	0.565	2.543	4.575	6.303	7.417	7.703	7.079	5.601	3.440	0.848
1451	14.50	-1.893	-4.507	-6.758	-8.466	-9.511	-9.843	-9.480	-8.511	-7.097	-5.460
1461	14.60	-3.864	-2.573	-1.809	-1.710	-2.290	-3.435	-4.917	-6.443	-7.721	-8.526
1471	14.70	-8.754	-8.447	-7.773	-6.984	-6.340	-6.044	-6.190	-6.745	-7.574	-8.482
1481	14.80	-9.278	-9.824	-10.059	-10.001	-9.716	-9.276	-8.721	-8.035	-7.148	-5.958
1491	14.90	-4.373	-2.353	0.055	2.709	5.386	7.823	9.768	11.041	11.567	11.395

Table 7-70-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1262 713-GR-1-4 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -42.303 (GAL) T= 0.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	10.680	9.646	8.536	7.563	6.877	6.557	6.607	6.977	7.576	8.281
1511	15.10	8.945	9.412	9.532	9.192	8.349	7.059	5.486	3.883	2.546	1.751
1521	15.20	1.689	2.415	3.833	5.718	7.757	9.625	11.046	11.849	11.993	11.561
1531	15.30	10.727	9.702	8.673	7.751	6.940	6.149	5.223	4.011	2.427	0.502
1541	15.40	-1.609	-3.650	-5.333	-6.408	-6.733	-6.312	-5.289	-3.911	-2.466	-1.219
1551	15.50	-0.363	0.007	-0.104	-0.606	-1.348	-2.154	-2.853	-3.309	-3.450	-3.274
1561	15.60	-2.852	-2.305	-1.775	-1.398	-1.277	-1.486	-2.075	-3.090	-4.572	-6.548
1571	15.70	-8.984	-11.742	-14.552	-17.017	-18.678	-19.113	-18.060	-15.509	-11.742	-7.289
1581	15.80	-2.817	1.019	3.728	5.085	5.159	4.264	2.855	1.403	0.275	-0.330
1591	15.90	-0.404	-0.089	0.395	0.828	1.062	1.058	0.884	0.683	0.614	0.804
1601	16.00	1.300	2.068	3.003	3.972	4.849	5.548	6.027	6.284	6.338	6.227
1611	16.10	6.005	5.754	5.592	5.666	6.110	7.004	8.315	9.880	11.414	12.577
1621	16.20	13.053	12.634	11.269	9.071	6.272	3.166	0.045	-2.837	-5.274	-7.103
1631	16.30	-8.201	-8.497	-7.999	-6.820	-5.183	-3.396	-1.783	-0.616	-0.041	-0.059
1641	16.40	-0.545	-1.300	-2.121	-2.851	-3.402	-3.744	-3.882	-3.839	-3.649	-3.362
1651	16.50	-3.059	-2.836	-2.781	-2.933	-3.259	-3.650	-3.959	-4.062	-3.913	-3.569
1661	16.60	-3.177	-2.905	-2.875	-3.103	-3.486	-3.845	-3.990	-3.793	-3.228	-2.372
1671	16.70	-1.358	-0.327	0.623	1.443	2.126	2.672	3.065	3.272	3.261	3.031
1681	16.80	2.632	2.161	1.742	1.476	1.415	1.538	1.766	1.990	2.107	2.052
1691	16.90	1.801	1.370	0.792	0.097	-0.699	-1.591	-2.584	-3.675	-4.844	-6.048
1701	17.00	-7.216	-8.248	-9.029	-9.436	-9.369	-8.769	-7.647	-6.090	-4.254	-2.339
1711	17.10	-0.547	0.961	2.086	2.809	3.167	3.235	3.092	2.801	2.407	1.943
1721	17.20	1.439	0.930	0.455	0.037	-0.325	-0.666	-1.041	-1.500	-2.057	-2.663
1731	17.30	-3.202	-3.524	-3.480	-2.986	-2.050	-0.783	0.631	1.990	3.130	3.969
1741	17.40	4.517	4.849	5.069	5.257	5.446	5.617	5.715	5.680	5.471	5.077
1751	17.50	4.518	3.833	3.080	2.323	1.640	1.108	0.793	0.722	0.865	1.123
1761	17.60	1.349	1.382	1.094	0.423	-0.610	-1.921	-3.394	-4.916	-6.391	-7.732
1771	17.70	-8.845	-9.612	-9.907	-9.635	-8.789	-7.488	-5.972	-4.547	-3.489	-2.951
1781	17.80	-2.898	-3.122	-3.316	-3.189	-2.568	-1.461	-0.038	1.439	2.708	3.595
1791	17.90	4.044	4.108	3.906	3.573	3.228	2.962	2.846	2.925	3.217	3.691
1801	18.00	4.253	4.761	5.054	5.009	4.589	3.861	2.982	2.141	1.502	1.156
1811	18.10	1.109	1.311	1.697	2.228	2.899	3.730	4.729	5.874	7.102	8.333
1821	18.20	9.494	10.540	11.448	12.191	12.710	12.900	12.631	11.798	10.383	8.493
1831	18.30	6.357	4.266	2.494	1.203	0.410	-0.014	-0.276	-0.583	-1.068	-1.758
1841	18.40	-2.592	-3.459	-4.254	-4.908	-5.395	-5.712	-5.863	-5.843	-5.654	-5.326
1851	18.50	-4.927	-4.559	-4.329	-4.303	-4.464	-4.710	-4.881	-4.814	-4.413	-3.692
1861	18.60	-2.774	-1.855	-1.135	-0.755	-0.756	-1.080	-1.608	-2.205	-2.761	-3.208
1871	18.70	-3.506	-3.627	-3.532	-3.176	-2.531	-1.620	-0.538	0.559	1.488	2.101
1881	18.80	2.337	2.249	1.984	1.735	1.670	1.874	2.332	2.939	3.556	4.062
1891	18.90	4.386	4.510	4.449	4.211	3.772	3.084	2.103	0.830	-0.658	-2.201
1901	19.00	-3.599	-4.665	-5.285	-5.460	-5.302	-4.994	-4.728	-4.645	-4.790	-5.108
1911	19.10	-5.466	-5.697	-5.649	-5.224	-4.402	-3.247	-1.895	-0.525	0.669	1.523
1921	19.20	1.940	1.913	1.532	0.965	0.413	0.063	0.032	0.342	0.920	1.620
1931	19.30	2.272	2.721	2.871	2.698	2.248	1.625	0.964	0.403	0.055	-0.013
1941	19.40	0.199	0.626	1.149	1.626	1.934	2.009	1.870	1.612	1.381	1.317
1951	19.50	1.510	1.962	2.587	3.237	3.750	3.995	3.904	3.485	2.809	1.978
1961	19.60	1.110	0.306	-0.356	-0.832	-1.117	-1.248	-1.306	-1.401	-1.651	-2.150
1971	19.70	-2.938	-3.976	-5.161	-6.334	-7.326	-7.990	-8.231	-8.019	-7.379	-6.389
1981	19.80	-5.160	-3.831	-2.556	-1.492	-0.771	-0.471	-0.590	-1.037	-1.652	-2.247
1991	19.90	-2.667	-2.838	-2.788	-2.636	-2.543	-2.658	-3.071	-3.795	-4.774	-5.920

Table 7-70-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1262 713-GR-1-4 HA. (HA.) YOSHIDAGAWA EHB. MAX. ACC. = -42.303 (GAL) T= 0.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-7.135	-8.334	-9.436	-10.351	-10.961	-11.134	-10.750	-9.747	-8.157	-6.121
2011	20.10	-3.861	-1.622	0.392	2.071	3.410	4.483	5.393	6.213	6.956	7.576
2021	20.20	8.002	8.181	8.114	7.865	7.536	7.226	6.994	6.839	6.707	6.521
2031	20.30	6.220	5.788	5.258	4.701	4.195	3.804	3.558	3.463	3.509	3.688
2041	20.40	3.997	4.432	4.978	5.586	6.182	6.676	6.969	7.087	6.992	6.781
2051	20.50	6.561	6.426	6.421	6.522	6.643	6.661	6.467	6.002	5.275	4.366
2061	20.60	3.387	2.450	1.631	0.951	0.380	-0.142	-0.677	-1.274	-1.954	-2.720
2071	20.70	-3.557	-4.439	-5.328	-6.164	-6.870	-7.355	-7.540	-7.388	-6.925	-6.254
2081	20.80	-5.530	-4.923	-4.574	-4.550	-4.831	-5.323	-5.891	-6.405	-6.772	-6.955
2091	20.90	-6.961	-6.829	-6.602	-6.321	-6.009	-5.685	-5.360	-5.044	-4.737	-4.432
2101	21.00	-4.109	-3.748	-3.333	-2.859	-2.333	-1.767	-1.163	-0.511	0.212	1.026
2111	21.10	1.935	2.917	3.925	4.904	5.812	6.631	7.370	8.037	8.622	9.073
2121	21.20	9.304	9.222	8.770	7.961	6.892	5.723	4.631	3.759	3.179	2.887
2131	21.30	2.832	2.952	3.210	3.603	4.145	4.835	5.630	6.436	7.128	7.586
2141	21.40	7.725	7.520	6.993	6.196	5.186	4.020	2.758	1.482	0.300	-0.661
2151	21.50	-1.295	-1.556	-1.489	-1.229	-0.965	-0.878	-1.082	-1.587	-2.310	-3.115
2161	21.60	-3.863	-4.467	-4.900	-5.182	-5.346	-5.407	-5.353	-5.157	-4.809	-4.340
2171	21.70	-3.833	-3.401	-3.158	-3.185	-3.510	-4.113	-4.943	-5.939	-7.041	-8.183
2181	21.80	-9.280	-10.214	-10.843	-11.022	-10.648	-9.698	-8.252	-6.488	-4.644	-2.964
2191	21.90	-1.646	-0.796	-0.423	-0.447	-0.738	-1.152	-1.570	-1.921	-2.179	-2.350
2201	22.00	-2.453	-2.488	-2.430	-2.230	-1.833	-1.208	-0.366	0.627	1.667	2.645
2211	22.10	3.679	4.147	4.685	5.171	5.685	6.273	6.928	7.595	8.200	8.683
2221	22.20	9.025	9.247	9.392	9.494	9.559	9.550	9.411	9.090	8.561	7.844
2231	22.30	6.958	6.057	5.110	4.191	3.330	2.558	1.909	1.420	1.115	0.985
2241	22.40	0.984	1.034	1.053	0.983	0.813	0.575	0.327	0.112	-0.064	-0.245
2251	22.50	-0.511	-0.941	-1.582	-2.426	-3.414	-4.449	-5.430	-6.269	-6.907	-7.312
2261	22.60	-7.475	-7.414	-7.173	-6.829	-6.489	-6.265	-6.250	-6.481	-6.923	-7.473
2271	22.70	-7.990	-8.343	-8.447	-8.291	-7.928	-7.453	-6.965	-6.539	-6.215	-6.004
2281	22.80	-5.896	-5.871	-5.903	-5.948	-5.942	-5.802	-5.436	-4.775	-3.786	-2.492
2291	22.90	-0.969	0.673	2.310	3.832	5.154	6.230	7.054	7.658	8.112	8.505
2301	23.00	8.926	9.435	10.038	10.672	11.221	11.546	11.533	11.141	10.420	9.496
2311	23.10	8.530	7.662	6.969	6.448	6.031	5.630	5.175	4.637	4.034	3.402
2321	23.20	2.770	2.145	1.513	0.861	0.200	-0.417	-0.907	-1.183	-1.181	-0.896
2331	23.30	-0.380	0.265	0.924	1.487	1.877	2.052	1.997	1.719	1.236	0.577
2341	23.40	-0.220	-1.111	-2.055	-3.027	-4.022	-5.055	-6.150	-7.315	-8.532	-9.749
2351	23.50	-10.890	-11.881	-12.663	-13.214	-13.535	-13.641	-13.535	-13.200	-12.597	-11.688
2361	23.60	-10.456	-8.931	-7.186	-5.328	-3.471	-1.711	-0.110	1.302	2.514	3.512
2371	23.70	4.271	4.750	4.910	4.730	4.229	3.473	2.570	1.651	0.848	0.273
2381	23.80	-0.004	0.043	0.393	0.989	1.753	2.596	3.439	4.224	4.923	5.539
2391	23.90	6.100	6.643	7.199	7.773	8.334	8.817	9.133	9.187	8.905	8.252
2401	24.00	7.244	5.947	4.465	2.920	1.426	0.075	-1.073	-1.995	-2.689	-3.169
2411	24.10	-3.447	-3.538	-3.449	-3.191	-2.783	-2.252	-1.634	-0.968	-0.291	0.366
2421	24.20	0.983	1.545	2.042	2.465	2.800	3.035	3.156	3.157	3.040	2.822
2431	24.30	2.534	2.218	1.923	1.693	1.560	1.528	1.573	1.646	1.684	1.628
2441	24.40	1.441	1.120	0.702	0.253	-0.149	-0.430	-0.540	-0.458	-0.192	0.223
2451	24.50	0.738	1.293	1.828	2.280	2.594	2.723	2.634	2.315	1.775	1.043
2461	24.60	0.166	-0.795	-1.744	-2.662	-3.410	-3.941	-4.220	-4.259	-4.123	-3.923
2471	24.70	-3.799	-3.878	-4.242	-4.897	-5.771	-6.729	-7.616	-8.298	-8.697	-8.803
2481	24.80	-8.666	-8.366	-7.982	-7.563	-7.126	-6.659	-6.137	-5.542	-4.868	-4.121
2491	24.90	-3.307	-2.424	-1.463	-0.410	0.739	1.960	3.198	4.368	5.379	6.150

Table 7-70-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1262 713-GR-1-4 HA. (HA.) YOSHIDAGAWA EHB. MAX. ACC. = -42.303 (GAL) T= 0.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	6.639	6.850	6.834	6.674	6.457	6.255	6.108	6.021	5.975	5.943
2511	25.10	5.907	5.862	5.818	5.778	5.732	5.645	5.462	5.133	4.638	4.004
2521	25.20	3.318	2.702	2.282	2.140	2.291	2.665	3.132	3.544	3.778	3.776
2531	25.30	3.547	3.158	2.690	2.207	1.728	1.233	0.672	0.001	-0.804	-1.736
2541	25.40	-2.759	-3.830	-4.907	-5.951	-6.929	-7.795	-8.497	-8.976	-9.189	-9.129
2551	25.50	-8.837	-8.399	-7.930	-7.538	-7.298	-7.236	-7.322	-7.487	-7.641	-7.695
2561	25.60	-7.573	-7.218	-6.599	-5.715	-4.603	-3.345	-2.059	-0.882	0.063	0.705
2571	25.70	1.043	1.152	1.152	1.169	1.286	1.518	1.814	2.086	2.260	2.316
2581	25.80	2.303	2.330	2.519	2.959	3.668	4.573	5.533	6.377	6.950	7.148
2591	25.90	6.935	6.344	5.454	4.378	3.241	2.172	1.291	0.699	0.458	0.579
2601	26.00	1.007	1.628	2.290	2.837	3.150	3.181	2.958	2.573	2.151	1.810
2611	26.10	1.624	1.611	1.739	1.944	2.165	2.356	2.502	2.604	2.668	2.688
2621	26.20	2.646	2.518	2.292	1.987	1.652	1.360	1.178	1.138	1.219	1.344
2631	26.30	1.407	1.304	0.973	0.417	-0.302	-1.087	-1.839	-2.496	-3.042	-3.504
2641	26.40	-3.930	-4.358	-4.805	-5.261	-5.709	-6.142	-6.577	-7.052	-7.611	-8.270
2651	26.50	-9.004	-9.741	-10.377	-10.811	-10.976	-10.860	-10.509	-10.004	-9.429	-8.847
2661	26.60	-8.279	-7.708	-7.098	-6.419	-5.667	-4.874	-4.097	-3.403	-2.840	-2.416
2671	26.70	-2.094	-1.793	-1.411	-0.854	-0.065	0.951	2.131	3.361	4.517	5.499
2681	26.80	6.269	6.864	7.386	7.966	8.713	9.671	10.796	11.958	12.986	13.717
2691	26.90	14.051	13.981	13.588	13.012	12.396	11.838	11.362	10.918	10.415	9.770
2701	27.00	8.942	7.966	6.939	5.994	5.256	4.803	4.648	4.740	4.991	5.306
2711	27.10	5.604	5.831	5.949	5.925	5.709	5.242	4.465	3.351	1.933	0.312
2721	27.20	-1.347	-2.852	-4.033	-4.785	-5.104	-5.084	-4.899	-4.756	-4.843	-5.286
2731	27.30	-6.119	-7.278	-8.611	-9.912	-10.964	-11.585	-11.670	-11.220	-10.348	-9.252
2741	27.40	-8.167	-7.305	-6.800	-6.680	-6.868	-7.221	-7.593	-7.880	-8.057	-8.161
2751	27.50	-8.258	-8.390	-8.537	-8.605	-8.459	-7.975	-7.090	-5.839	-4.345	-2.785
2761	27.60	-1.331	-0.101	0.865	1.598	2.161	2.614	2.982	3.254	3.405	3.426
2771	27.70	3.345	3.239	3.205	3.333	3.671	4.204	4.861	5.538	6.132	6.570
2781	27.80	6.818	6.882	6.793	6.593	6.329	6.051	5.822	5.711	5.786	6.093
2791	27.90	6.637	7.362	8.162	8.902	9.455	9.740	9.739	9.495	9.083	8.578
2801	28.00	8.015	7.384	6.637	5.719	4.607	3.327	1.965	0.638	-0.532	-1.454
2811	28.10	-2.084	-2.433	-2.544	-2.480	-2.301	-2.067	-1.834	-1.662	-1.619	-1.769
2821	28.20	-2.158	-2.795	-3.644	-4.624	-5.629	-6.552	-7.313	-7.869	-8.222	-8.409
2831	28.30	-8.481	-8.495	-8.498	-8.526	-8.607	-8.765	-9.019	-9.381	-9.851	-10.409
2841	28.40	-11.009	-11.580	-12.037	-12.289	-12.263	-11.916	-11.250	-10.314	-9.199	-8.015
2851	28.50	-6.869	-5.847	-4.994	-4.316	-3.794	-3.393	-3.081	-2.831	-2.619	-2.412
2861	28.60	-2.164	-1.813	-1.300	-0.582	0.347	1.452	2.665	3.908	5.112	6.238
2871	28.70	7.273	8.217	9.061	9.776	10.319	10.645	10.742	10.649	10.460	10.299
2881	28.80	10.288	10.498	10.933	11.523	12.151	12.688	13.031	13.121	12.943	12.515
2891	28.90	11.874	11.066	10.150	9.201	8.317	7.594	7.109	6.880	6.854	6.906
2901	29.00	6.878	6.628	6.076	5.226	4.159	2.990	1.817	0.681	-0.442	-1.617
2911	29.10	-2.903	-4.311	-5.782	-7.200	-8.434	-9.386	-10.024	-10.390	-10.572	-10.670
2921	29.20	-10.753	-10.846	-10.933	-10.983	-10.972	-10.893	-10.751	-10.546	-10.261	-9.859
2931	29.30	-9.300	-8.563	-7.658	-6.673	-5.661	-4.707	-3.855	-3.117	-2.480	-1.944
2941	29.40	-1.537	-1.321	-1.361	-1.685	-2.247	-2.909	-3.476	-3.749	-3.595	-2.998
2951	29.50	-2.060	-0.968	0.074	0.917	1.503	1.865	2.097	2.298	2.534	2.820
2961	29.60	3.131	3.427	3.675	3.857	3.967	3.992	3.910	3.691	3.323	2.829
2971	29.70	2.274	1.751	1.353	1.139	1.113	1.230	1.420	1.621	1.801	1.958
2981	29.80	2.094	2.199	2.224	2.106	1.795	1.298	0.703	0.168	-0.126	-0.041
2991	29.90	0.466	1.320	2.361	3.401	4.292	4.972	5.462	5.831	6.144	6.417

Table 7-70-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1262 713-GR-1-4 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -42.303 (GAL) T= 0.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	6.609	6.651	6.488	6.122	5.621	5.090	4.628	4.284	4.033	3.804
3011	30.10	3.515	3.122	2.646	2.160	1.751	1.472	1.312	1.190	0.997	0.636
3021	30.20	0.067	-0.679	-1.519	-2.351	-3.092	-3.698	-4.167	-4.512	-4.748	-4.877
3031	30.30	-4.894	-4.807	-4.643	-4.454	-4.296	-4.208	-4.192	-4.212	-4.213	-4.148
3041	30.40	-4.002	-3.801	-3.592	-3.416	-3.283	-3.164	-3.008	-2.776	-2.467	-2.135
3051	30.50	-1.871	-1.768	-1.876	-2.182	-2.604	-3.024	-3.330	-3.450	-3.371	-3.126
3061	30.60	-2.772	-2.363	-1.933	-1.501	-1.082	-0.697	-0.373	-0.132	0.035	0.175
3071	30.70	0.364	0.690	1.207	1.914	2.748	3.598	4.352	4.931	5.313	5.537
3081	30.80	5.667	5.768	5.871	5.971	6.042	6.055	6.004	5.908	5.794	5.679
3091	30.90	5.550	5.366	5.071	4.628	4.040	3.358	2.664	2.043	1.549	1.189
3101	31.00	0.926	0.706	0.485	0.252	0.031	-0.135	-0.210	-0.193	-0.118	-0.043
3111	31.10	-0.026	-0.097	-0.249	-0.440	-0.621	-0.753	-0.830	-0.878	-0.939	-1.048
3121	31.20	-1.218	-1.438	-1.678	-1.914	-2.141	-2.380	-2.670	-3.047	-3.528	-4.100
3131	31.30	-4.723	-5.353	-5.956	-6.523	-7.064	-7.596	-8.120	-8.604	-8.983	-9.175
3141	31.40	-9.109	-8.752	-8.119	-7.279	-6.325	-5.356	-4.449	-3.646	-2.966	-2.410
3151	31.50	-1.977	-1.669	-1.480	-1.338	-1.341	-1.257	-1.045	-0.633	0.006	0.831
3161	31.60	1.747	2.623	3.336	3.805	4.012	3.997	3.840	3.629	3.429	3.277
3171	31.70	3.187	3.162	3.214	3.365	3.643	4.060	4.595	5.194	5.773	6.246
3181	31.80	6.550	6.663	6.604	6.420	6.157	5.842	5.473	5.027	4.482	3.837
3191	31.90	3.129	2.421	1.788	1.287	0.936	0.712	0.558	0.405	0.203	-0.072
3201	32.00	-0.414	-0.800	-1.205	-1.616	-2.032	-2.460	-2.900	-3.338	-3.745	-4.087
3211	32.10	-4.339	-4.491	-4.555	-4.553	-4.506	-4.423	-4.302	-4.133	-3.910	-3.645
3221	32.20	-3.372	-3.137	-2.987	-2.956	-3.056	-3.276	-3.591	-3.973	-4.396	-4.835
3231	32.30	-5.257	-5.618	-5.858	-5.913	-5.732	-5.299	-4.645	-3.850	-3.020	-2.267
3241	32.40	-1.672	-1.268	-1.035	-0.906	-0.792	-0.608	-0.294	0.171	0.766	1.440
3251	32.50	2.120	2.739	3.240	3.598	3.819	3.937	4.002	4.062	4.153	4.286
3261	32.60	4.450	4.625	4.795	4.958	5.132	5.340	5.603	5.919	6.257	6.569
3271	32.70	6.803	6.926	6.934	6.855	6.732	6.605	6.491	6.379	6.259	6.040
3281	32.80	5.773	5.452	5.118	4.813	4.562	4.363	4.187	3.994	3.760	3.490
3291	32.90	3.223	3.015	2.910	2.918	3.001	3.078	3.054	2.848	2.421	1.784
3301	33.00	0.991	0.114	-0.782	-1.652	-2.476	-3.249	-3.957	-4.576	-5.062	-5.369
3311	33.10	-5.471	-5.376	-5.140	-4.848	-4.598	-4.469	-4.497	-4.665	-4.914	-5.162
3321	33.20	-5.332	-5.376	-5.284	-5.073	-4.777	-4.430	-4.053	-3.659	-3.266	-2.900
3331	33.30	-2.607	-2.440	-2.440	-2.613	-2.921	-3.281	-3.587	-3.746	-3.701	-3.454
3341	33.40	-3.060	-2.599	-2.152	-1.769	-1.464	-1.222	-1.018	-0.839	-0.688	-0.583
3351	33.50	-0.536	-0.542	-0.568	-0.568	-0.500	-0.349	-0.136	0.089	0.273	0.382
3361	33.60	0.417	0.415	0.422	0.469	0.550	0.620	0.614	0.483	0.223	-0.111
3371	33.70	-0.417	-0.577	-0.497	-0.144	0.448	1.187	1.954	2.634	3.150	3.466
3381	33.80	3.592	3.570	3.456	3.308	3.174	3.087	3.054	3.060	3.067	3.024
3391	33.90	2.892	2.653	2.333	1.991	1.711	1.566	1.598	1.795	2.093	2.398
3401	34.00	2.617	2.685	2.584	2.344	2.027	1.703	1.428	1.233	1.122	1.079
3411	34.10	1.078	1.092	1.094	1.060	0.967	0.796	0.537	0.192	-0.220	-0.669
3421	34.20	-1.118	-1.530	-1.876	-2.137	-2.304	-2.377	-2.362	-2.267	-2.104	-1.887
3431	34.30	-1.632	-1.360	-1.094	-0.863	-0.699	-0.638	-0.707	-0.924	-1.278	-1.731
3441	34.40	-2.220	-2.671	-3.017	-3.227	-3.311	-3.321	-3.327	-3.396	-3.558	-3.799
3451	34.50	-4.069	-4.299	-4.436	-4.462	-4.395	-4.277	-4.149	-4.024	-3.887	-3.697
3461	34.60	-3.418	-3.040	-2.590	-2.131	-1.729	-1.430	-1.235	-1.105	-0.974	-0.786
3471	34.70	-0.524	-0.212	0.085	0.301	0.393	0.366	0.271	0.189	0.198	0.347
3481	34.80	0.648	1.075	1.586	2.137	2.697	3.249	3.781	4.280	4.725	5.094
3491	34.90	5.370	5.545	5.626	5.627	5.557	5.423	5.221	4.949	4.613	4.235

Table 7-70-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1262 713-GR-1-4 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -42.303 (GAL) T= 0.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	3.844	3.466	3.110	2.759	2.374	1.906	1.325	0.628	-0.149	-0.942
3511	35.10	-1.680	-2.305	-2.786	-3.124	-3.338	-3.455	-3.495	-3.471	-3.383	-3.232
3521	35.20	-3.026	-2.775	-2.501	-2.225	-1.975	-1.782	-1.680	-1.702	-1.873	-2.193
3531	35.30	-2.633	-3.133	-3.609	-3.976	-4.167	-4.144	-3.907	-3.486	-2.926	-2.282
3541	35.40	-1.613	-0.981	-0.454	-0.095	0.051	-0.021	-0.264	-0.586	-0.869	-1.007
3551	35.50	-0.940	-0.668	-0.249	0.237	0.723	1.181	1.632	2.118	2.673	3.293
3561	35.60	3.929	4.506	4.953	5.242	5.395	5.481	5.576	5.734	5.965	6.240
3571	35.70	6.511	6.740	6.915	7.051	7.164	7.251	7.279	7.192	6.936	6.495
3581	35.80	5.902	5.236	4.583	4.017	3.557	3.175	2.815	2.434	2.022	1.611
3591	35.90	1.252	0.982	0.793	0.627	0.397	0.025	-0.512	-1.171	-1.852	-2.433

Table 7-71-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1263 713-GR-1-4 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 19.093 (GAL) T= 1.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-7.071	-8.071	-7.497	-5.572	-2.919	-0.338	1.469	2.132	1.703	0.598
11	0.10	-0.584	-1.290	-1.194	-0.286	1.165	2.732	3.978	4.577	4.376	3.385
21	0.20	1.725	-0.418	-2.837	-5.307	-7.577	-9.374	-10.434	-10.567	-9.727	-8.057
31	0.30	-5.876	-3.598	-1.598	-0.087	0.965	1.799	2.749	4.063	5.751	7.521
41	0.40	8.841	9.119	7.929	5.190	1.232	-3.288	-7.584	-10.972	-13.046	-13.743
51	0.50	-13.279	-12.010	-10.284	-8.343	-6.311	-4.246	-2.208	-0.297	1.353	2.628
61	0.60	3.484	3.967	4.190	4.270	4.275	4.200	3.990	3.595	3.013	2.296
71	0.70	1.517	0.709	-0.165	-1.194	-2.450	-3.887	-5.289	-6.285	-6.471	-5.574
81	0.80	-3.611	-0.951	1.753	3.753	4.440	3.553	1.269	-1.846	-5.015	-7.469
91	0.90	-8.652	-8.346	-6.683	-4.066	-1.045	1.831	4.133	5.626	6.298	6.331
101	1.00	6.026	5.700	5.575	5.698	5.921	5.962	5.520	4.417	2.696	0.629
111	1.10	-1.361	-2.861	-3.621	-3.651	-3.205	-2.669	-2.380	-2.491	-2.899	-3.310
121	1.20	-3.369	-2.831	-1.670	-0.095	1.542	2.881	3.689	3.922	3.695	3.193
131	1.30	2.570	1.883	1.109	0.210	-0.781	-1.728	-2.419	-2.675	-2.467	-1.989
141	1.40	-1.629	-1.834	-2.915	-4.867	-7.293	-9.477	-10.591	-9.971	-7.345	-2.942
151	1.50	2.566	8.267	13.265	16.895	18.838	19.093	17.871	15.467	12.172	8.268
161	1.60	4.070	-0.031	-3.574	-6.115	-7.353	-7.248	-6.065	-4.297	-2.515	-1.177
171	1.70	-0.503	-0.438	-0.737	-1.105	-1.321	-1.307	-1.092	-0.736	-0.243	0.460
181	1.80	1.479	2.861	4.515	6.198	7.574	8.334	8.300	7.473	5.992	4.044
191	1.90	1.769	-0.778	-3.578	-6.551	-9.465	-11.922	-13.441	-13.624	-12.317	-9.702
201	2.00	-6.258	-2.608	0.678	3.248	5.019	6.114	6.729	7.005	6.978	6.616
211	2.10	5.926	5.032	4.190	3.695	3.741	4.284	5.019	5.468	5.170	3.881
221	2.20	1.694	-0.981	-3.565	-5.531	-6.587	-6.752	-6.290	-5.559	-4.834	-4.200
231	2.30	-3.554	-2.706	-1.516	-0.003	1.634	3.082	4.042	4.337	3.968	3.097
241	2.40	1.953	0.745	-0.410	-1.490	-2.530	-3.552	-4.521	-5.342	-5.902	-6.133
251	2.50	-6.062	-5.818	-5.586	-5.533	-5.720	-6.059	-6.320	-6.207	-5.467	-3.994
261	2.60	-1.893	0.526	2.831	4.594	5.529	5.582	4.950	4.005	3.173	2.780
271	2.70	2.941	3.520	4.171	4.463	4.013	2.616	0.313	-2.618	-5.735	-8.534
281	2.80	-10.565	-11.516	-11.257	-9.844	-7.499	-4.559	-1.425	1.497	3.848	5.368
291	2.90	5.925	5.531	4.323	2.536	0.451	-1.648	-3.510	-4.937	-5.796	-6.017
301	3.00	-5.604	-4.630	-3.236	-1.614	0.022	1.486	2.656	3.504	4.085	4.503
311	3.10	4.856	5.174	5.393	5.366	4.912	3.895	2.293	0.244	-1.969	-3.971
321	3.20	-5.388	-5.946	-5.540	-4.252	-2.324	-0.084	2.136	4.078	5.590	6.630
331	3.30	7.232	7.465	7.397	7.088	6.606	6.041	5.521	5.188	5.152	5.429
341	3.40	5.900	6.303	6.296	5.559	3.923	1.456	-1.514	-4.473	-6.859	-8.240
351	3.50	-8.445	-7.617	-6.154	-4.566	-3.296	-2.576	-2.361	-2.379	-2.266	-1.630
361	3.60	-0.370	1.471	3.641	5.797	7.620	8.902	9.574	9.676	9.293	8.488
371	3.70	7.271	5.609	3.468	0.870	-2.071	-5.143	-8.073	-10.581	-12.442	-13.526
381	3.80	-13.817	-13.394	-12.402	-11.001	-9.330	-7.486	-5.513	-3.421	-1.216	1.075
391	3.90	3.374	5.553	7.454	8.923	9.860	10.248	10.161	9.738	9.129	8.442
401	4.00	7.694	6.805	5.629	4.006	1.836	-0.874	-3.987	-7.250	-10.334	-12.889
411	4.10	-14.600	-15.230	-14.655	-12.878	-10.033	-6.366	-2.204	2.094	6.191	9.816
421	4.20	12.788	15.017	16.477	17.180	17.154	16.437	15.088	13.202	10.908	8.356
431	4.30	5.676	2.946	0.177	-2.665	-5.608	-8.620	-11.575	-14.256	-16.411	-17.828
441	4.40	-18.401	-18.160	-17.244	-15.831	-14.070	-12.027	-9.684	-6.982	-3.876	-0.397
451	4.50	3.333	7.112	10.695	13.828	16.270	17.802	18.236	17.444	15.400	12.229
461	4.60	8.227	3.837	-0.435	-4.139	-6.992	-8.929	-10.085	-10.706	-11.031	-11.201
471	4.70	-11.229	-11.046	-10.577	-9.817	-8.850	-7.807	-6.785	-5.768	-4.609	-3.086
481	4.80	-0.996	1.711	4.892	8.215	11.261	13.649	15.144	15.702	15.441	14.563
491	4.90	13.266	11.692	9.926	8.021	6.039	4.064	2.175	0.410	-1.266	-2.954

Table 7-71-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1263 713-GR-1-4 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 19.093 (GAL) T= 1.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-4.771	-6.775	-8.906	-10.965	-12.665	-13.713	-13.906	-13.195	-11.682	-9.578
511	5.10	-7.115	-4.491	-1.834	0.766	3.215	5.373	7.039	7.992	8.060	7.188
521	5.20	5.478	3.181	0.643	-1.778	-3.786	-5.198	-5.952	-6.089	-5.711	-4.949
531	5.30	-3.941	-2.824	-1.728	-0.770	-0.042	0.415	0.628	0.694	0.762	0.994
541	5.40	1.518	2.378	3.517	4.778	5.942	6.790	7.158	6.990	6.348	5.395
551	5.50	4.341	3.378	2.620	2.075	1.647	1.185	0.547	-0.338	-1.430	-2.583
561	5.60	-3.587	-4.236	-4.403	-4.080	-3.388	-2.532	-1.737	-1.173	-0.907	-0.891
571	5.70	-0.992	-1.047	-0.927	-0.581	-0.046	0.573	1.146	1.564	1.767	1.757
581	5.80	1.581	1.313	1.024	0.768	0.574	0.443	0.357	0.279	0.161	-0.044
591	5.90	-0.371	-0.820	-1.351	-1.885	-2.319	-2.562	-2.558	-2.313	-1.886	-1.375
601	6.00	-0.880	-0.479	-0.218	-0.113	-0.170	-0.390	-0.770	-1.288	-1.882	-2.444
611	6.10	-2.840	-2.944	-2.682	-2.063	-1.165	-0.103	1.031	2.203	3.438	4.775
621	6.20	6.188	7.531	8.524	8.818	8.109	6.281	3.488	0.164	-3.078	-5.618
631	6.30	-7.007	-7.098	-6.082	-4.410	-2.646	-1.295	-0.673	-0.846	-1.649	-2.768
641	6.40	-3.839	-4.541	-4.661	-4.116	-2.946	-1.288	0.659	2.672	4.542	6.095
651	6.50	7.210	7.819	7.894	7.440	6.487	5.095	3.365	1.444	-0.486	-2.238
661	6.60	-3.667	-4.716	-5.434	-5.954	-6.433	-6.980	-7.590	-8.128	-8.361	-8.045
671	6.70	-7.016	-5.267	-2.961	-0.393	2.102	4.241	5.873	6.990	7.701	8.164
681	6.80	8.507	8.777	8.923	8.819	8.317	7.299	5.732	3.682	1.312	-1.147
691	6.90	-3.448	-5.371	-6.768	-7.584	-7.858	-7.702	-7.265	-6.692	-6.095	-5.537
701	7.00	-5.034	-4.566	-4.097	-3.579	-2.962	-2.187	-1.193	0.074	1.634	3.446
711	7.10	5.395	7.290	8.895	9.984	10.393	10.062	9.050	7.510	5.646	3.664
721	7.20	1.732	-0.026	-1.520	-2.671	-3.400	-3.635	-3.344	-2.572	-1.468	-0.270
731	7.30	0.742	1.328	1.371	0.922	0.194	-0.502	-0.859	-0.677	0.078	1.267
741	7.40	2.635	3.905	4.864	5.422	5.608	5.533	5.328	5.083	4.823	4.510
751	7.50	4.075	3.448	2.586	1.474	0.131	-1.398	-3.044	-4.708	-6.268	-7.590
761	7.60	-8.567	-9.147	-9.363	-9.324	-9.189	-9.103	-9.150	-9.314	-9.492	-9.534
771	7.70	-9.290	-8.661	-7.608	-6.139	-4.283	-2.064	0.491	3.324	6.316	9.269
781	7.80	11.918	13.989	15.266	15.648	15.171	13.978	12.265	10.218	7.980	5.642
791	7.90	3.278	0.977	-1.147	-2.971	-4.404	-5.434	-6.138	-6.657	-7.134	-7.641
801	8.00	-8.140	-8.486	-8.488	-7.988	-6.936	-5.423	-3.651	-1.869	-0.289	0.971
811	8.10	1.897	2.551	3.009	3.307	3.415	3.248	2.704	1.721	0.313	-1.418
821	8.20	-3.293	-5.100	-6.629	-7.718	-8.274	-8.292	-7.830	-7.007	-5.967	-4.844
831	8.30	-3.727	-2.644	-1.553	-0.372	0.983	2.549	4.277	6.020	7.560	8.660
841	8.40	9.131	8.897	8.022	6.699	5.203	3.810	2.719	2.009	1.618	1.382
851	8.50	1.102	0.619	-0.127	-1.074	-2.060	-2.884	-3.379	-3.466	-3.184	-2.667
861	8.60	-2.093	-1.621	-1.335	-1.224	-1.203	-1.151	-0.963	-0.587	-0.030	0.654
871	8.70	1.399	2.148	2.861	3.512	4.059	4.440	4.568	4.358	3.761	2.797
881	8.80	1.560	0.204	-1.104	-2.231	-3.116	-3.776	-4.286	-4.723	-5.127	-5.462
891	8.90	-5.628	-5.490	-4.938	-3.938	-2.566	-1.001	0.518	1.756	2.542	2.821
901	9.00	2.658	2.217	1.702	1.302	1.135	1.223	1.500	1.847	2.135	2.273
911	9.10	2.227	2.025	1.725	1.386	1.037	0.666	0.233	-0.300	-0.927	-1.573
921	9.20	-2.103	-2.343	-2.142	-1.420	-0.212	1.332	2.980	4.477	5.611	6.262
931	9.30	6.421	6.169	5.639	4.968	4.263	3.587	2.967	2.414	1.934	1.535
941	9.40	1.219	0.969	0.740	0.472	0.102	-0.412	-1.070	-1.833	-2.631	-3.383
951	9.50	-4.013	-4.459	-4.672	-4.614	-4.260	-3.606	-2.688	-1.588	-0.433	0.630
961	9.60	1.471	2.012	2.242	2.203	1.960	1.554	0.984	0.213	-0.791	-2.011
971	9.70	-3.339	-4.588	-5.538	-6.005	-5.913	-5.320	-4.398	-3.365	-2.408	-1.626
981	9.80	-1.020	-0.525	-0.073	0.367	0.777	1.116	1.375	1.602	1.904	2.393
991	9.90	3.121	4.021	4.912	5.556	5.756	5.444	4.725	3.837	3.058	2.587

Table 7-71-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1263 713-GR-1-4 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 19.093 (GAL) T= 1.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	2.461	2.557	2.648	2.528	2.098	1.418	0.661	0.025	-0.366	-0.520
1011	10.10	-0.563	-0.663	-0.938	-1.387	-1.897	-2.306	-2.495	-2.459	-2.326	-2.290
1021	10.20	-2.520	-3.066	-3.819	-4.556	-5.032	-5.088	-4.720	-4.080	-3.401	-2.899
1031	10.30	-2.682	-2.719	-2.870	-2.964	-2.880	-2.596	-2.187	-1.771	-1.450	-1.262
1041	10.40	-1.170	-1.092	-0.947	-0.687	-0.310	0.151	0.658	1.183	1.705	2.200
1051	10.50	2.616	2.875	2.897	2.632	2.100	1.395	0.664	0.049	-0.368	-0.596
1061	10.60	-0.732	-0.905	-1.215	-1.676	-2.198	-2.619	-2.765	-2.515	-1.846	-0.835
1071	10.70	0.376	1.627	2.783	3.755	4.489	4.950	5.100	4.899	4.323	3.386
1081	10.80	2.159	0.763	-0.649	-1.931	-2.975	-3.729	-4.186	-4.375	-4.330	-4.080
1091	10.90	-3.644	-3.040	-2.289	-1.427	-0.499	0.445	1.352	2.177	2.876	3.415
1101	11.00	3.766	3.925	3.909	3.760	3.530	3.262	2.967	2.613	2.137	1.471
1111	11.10	0.573	-0.542	-1.796	-3.063	-4.201	-5.085	-5.635	-5.810	-5.606	-5.030
1121	11.20	-4.101	-2.848	-1.336	0.324	1.976	3.434	4.532	5.159	5.298	5.019
1131	11.30	4.464	3.797	3.165	2.667	2.344	2.193	2.180	2.257	2.376	2.483
1141	11.40	2.532	2.483	2.318	2.044	1.695	1.320	0.959	0.634	0.333	0.032
1151	11.50	-0.288	-0.613	-0.885	-1.016	-0.921	-0.554	0.051	0.786	1.486	1.988
1161	11.60	2.178	2.033	1.630	1.112	0.642	0.349	0.283	0.411	0.629	0.805
1171	11.70	0.826	0.632	0.228	-0.318	-0.912	-1.465	-1.920	-2.270	-2.546	-2.794
1181	11.80	-3.051	-3.322	-3.575	-3.750	-3.786	-3.640	-3.298	-2.780	-2.117	-1.345
1191	11.90	-0.490	0.423	1.361	2.262	3.039	3.592	3.835	3.724	3.272	2.546
1201	12.00	1.641	0.646	-0.376	-1.388	-2.364	-3.259	-3.997	-4.479	-4.618	-4.380
1211	12.10	-3.820	-3.072	-2.316	-1.709	-1.329	-1.145	-1.033	-0.840	-0.449	0.165
1221	12.20	0.923	1.676	2.272	2.609	2.676	2.541	2.312	2.080	1.888	1.717
1231	12.30	1.508	1.201	0.765	0.212	-0.412	-1.046	-1.634	-2.134	-2.514	-2.741
1241	12.40	-2.782	-2.606	-2.207	-1.622	-0.929	-0.240	0.333	0.715	0.891	0.910
1251	12.50	0.864	0.850	0.931	1.119	1.370	1.609	1.762	1.787	1.693	1.528
1261	12.60	1.364	1.261	1.240	1.271	1.275	1.148	0.796	0.164	-0.733	-1.814
1271	12.70	-2.944	-3.976	-4.784	-5.301	-5.528	-5.528	-5.391	-5.195	-4.978	-4.722
1281	12.80	-4.362	-3.820	-3.041	-2.022	-0.825	0.434	1.615	2.594	3.295	3.708
1291	12.90	3.888	3.925	3.918	3.936	4.002	4.085	4.123	4.049	3.821	3.442
1301	13.00	2.959	2.445	1.966	1.557	1.204	0.858	0.459	-0.029	-0.591	-1.164
1311	13.10	-1.653	-1.971	-2.073	-1.973	-1.733	-1.435	-1.137	-0.849	-0.526	-0.098
1321	13.20	0.496	1.265	2.152	3.043	3.800	4.308	4.504	4.392	4.030	3.497
1331	13.30	2.869	2.199	1.516	0.839	0.190	-0.394	-0.870	-1.207	-1.400	-1.485
1341	13.40	-1.531	-1.619	-1.817	-2.150	-2.590	-3.067	-3.488	-3.770	-3.857	-3.738
1351	13.50	-3.430	-2.966	-2.377	-1.674	-0.862	0.047	1.014	1.963	2.782	3.358
1361	13.60	3.607	3.513	3.139	2.613	2.087	1.689	1.474	1.412	1.404	1.323
1371	13.70	1.069	0.609	-0.013	-0.689	-1.290	-1.703	-1.862	-1.755	-1.412	-0.885
1381	13.80	-0.230	0.497	1.235	1.914	2.453	2.777	2.836	2.631	2.219	1.707
1391	13.90	1.220	0.863	0.687	0.673	0.736	0.754	0.613	0.237	-0.378	-1.168
1401	14.00	-2.013	-2.772	-3.322	-3.593	-3.580	-3.348	-3.002	-2.655	-2.389	-2.232
1411	14.10	-2.156	-2.096	-1.985	-1.784	-1.500	-1.185	-0.908	-0.724	-0.647	-0.647
1421	14.20	-0.660	-0.620	-0.487	-0.264	0.005	0.253	0.416	0.452	0.350	0.129
1431	14.30	-0.176	-0.521	-0.864	-1.172	-1.432	-1.653	-1.874	-2.152	-2.547	-3.084
1441	14.40	-3.733	-4.398	-4.936	-5.204	-5.118	-4.694	-4.050	-3.361	-2.788	-2.402
1451	14.50	-2.150	-1.875	-1.393	-0.581	0.546	1.831	3.022	3.876	4.257	4.186
1461	14.60	3.823	3.389	3.069	2.934	2.927	2.908	2.730	2.317	1.692	0.954
1471	14.70	0.216	-0.450	-1.044	-1.615	-2.211	-2.818	-3.366	-3.652	-3.603	-3.156
1481	14.80	-2.386	-1.477	-0.646	-0.064	0.226	0.315	0.391	0.654	1.226	2.099
1491	14.90	3.140	4.141	4.899	5.289	5.297	5.011	4.577	4.140	3.793	3.558

Table 7-71-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1263 713-GR-1-4 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 19.093 (GAL) T= 1.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	3.391	3.214	2.944	2.532	1.979	1.337	0.696	0.163	-0.168	-0.246
1511	15.10	-0.077	0.275	0.696	1.054	1.231	1.150	0.792	0.194	-0.561	-1.364
1521	15.20	-2.101	-2.667	-2.975	-2.970	-2.636	-2.006	-1.160	-0.215	0.697	1.467
1531	15.30	2.033	2.394	2.601	2.725	2.822	2.910	2.963	2.938	2.808	2.591
1541	15.40	2.356	2.199	2.198	2.364	2.627	2.853	2.890	2.637	2.092	1.357
1551	15.50	0.603	0.001	-0.349	-0.461	-0.453	-0.499	-0.746	-1.253	-1.957	-2.700
1561	15.60	-3.285	-3.561	-3.470	-3.048	-2.492	-1.900	-1.409	-1.040	-0.821	-0.622
1571	15.70	-0.409	-0.179	0.011	0.074	-0.064	-0.420	-0.933	-1.482	-1.933	-2.189
1581	15.80	-2.226	-2.096	-1.896	-1.726	-1.640	-1.630	-1.641	-1.603	-1.466	-1.225
1591	15.90	-0.908	-0.555	-0.179	0.245	0.775	1.469	2.342	3.341	4.352	5.231
1601	16.00	5.853	6.158	6.165	5.952	5.617	5.229	4.796	4.274	3.600	2.728
1611	16.10	1.674	0.516	-0.624	-1.620	-2.380	-2.870	-3.114	-3.171	-3.114	-3.006
1621	16.20	-2.900	-2.835	-2.846	-2.955	-3.165	-3.448	-3.742	-3.966	-4.049	-3.967
1631	16.30	-3.757	-3.517	-3.370	-3.407	-3.648	-4.011	-4.334	-4.423	-4.124	-3.379
1641	16.40	-2.252	-0.915	0.407	1.509	2.261	2.641	2.722	2.630	2.492	2.389
1651	16.50	2.341	2.319	2.279	2.203	2.120	2.098	2.214	2.510	2.961	3.465
1661	16.60	3.870	4.028	3.847	3.328	2.568	1.719	0.931	0.294	-0.184	-0.570
1671	16.70	-0.957	-1.407	-1.919	-2.420	-2.812	-3.022	-3.055	-3.005	-3.024	-3.252
1681	16.80	-3.752	-4.467	-5.227	-5.811	-6.022	-5.763	-5.064	-4.064	-2.947	-1.875
1691	16.90	-0.933	-0.125	0.599	1.294	1.968	2.574	3.026	3.239	3.177	2.868
1701	17.00	2.400	1.882	1.401	0.995	0.643	0.291	-0.112	-0.588	-1.114	-1.637
1711	17.10	-2.093	-2.442	-2.675	-2.816	-2.900	-2.948	-2.960	-2.915	-2.784	-2.554
1721	17.20	-2.242	-1.893	-1.562	-1.293	-1.097	-0.950	-0.800	-0.596	-0.310	0.049
1731	17.30	0.435	0.792	1.069	1.246	1.334	1.356	1.329	1.242	1.053	0.707
1741	17.40	0.168	-0.549	-1.362	-2.138	-2.724	-2.998	-2.909	-2.496	-1.870	-1.176
1751	17.50	-0.545	-0.055	0.282	0.506	0.682	0.865	1.079	1.318	1.555	1.764
1761	17.60	1.934	2.067	2.176	2.272	2.353	2.409	2.425	2.396	2.323	2.219
1771	17.70	2.094	1.954	1.798	1.622	1.432	1.246	1.095	1.007	0.995	1.063
1781	17.80	1.105	1.123	1.049	0.865	0.595	0.299	0.046	-0.109	-0.149	-0.098
1791	17.90	-0.007	0.069	0.095	0.067	0.010	-0.039	-0.049	-0.010	0.064	0.151
1801	18.00	0.235	0.321	0.436	0.620	0.907	1.303	1.778	2.267	2.692	2.983
1811	18.10	3.105	3.066	2.918	2.735	2.592	2.537	2.576	2.673	2.761	2.761
1821	18.20	2.609	2.275	1.766	1.131	0.443	-0.210	-0.752	-1.122	-1.293	-1.269
1831	18.30	-1.080	-0.772	-0.398	-0.000	0.397	0.790	1.190	1.615	2.076	2.571
1841	18.40	3.081	3.575	4.016	4.366	4.592	4.657	4.523	4.150	3.513	2.610
1851	18.50	1.488	0.245	-0.983	-2.053	-2.856	-3.352	-3.592	-3.693	-3.803	-4.041
1861	18.60	-4.448	-4.968	-5.461	-5.751	-5.684	-5.183	-4.266	-3.043	-1.679	-0.340
1871	18.70	0.839	1.788	2.496	2.997	3.343	3.578	3.726	3.787	3.743	3.575
1881	18.80	3.278	2.862	2.358	1.809	1.247	0.688	0.123	-0.472	-1.115	-1.798
1891	18.90	-2.465	-3.027	-3.383	-3.463	-3.268	-2.880	-2.443	-2.106	-1.965	-2.016
1901	19.00	-2.151	-2.202	-2.016	-1.528	-0.800	-0.008	0.629	0.927	0.817	0.360
1911	19.10	-0.282	-0.918	-1.406	-1.699	-1.839	-1.915	-1.999	-2.109	-2.194	-2.176
1921	19.20	-1.996	-1.654	-1.219	-0.798	-0.492	-0.347	-0.345	-0.418	-0.488	-0.505
1931	19.30	-0.468	-0.406	-0.356	-0.332	-0.317	-0.276	-0.189	-0.079	-0.009	-0.064
1941	19.40	-0.307	-0.743	-1.304	-1.871	-2.320	-2.571	-2.617	-2.514	-2.351	-2.200
1951	19.50	-2.082	-1.967	-1.795	-1.524	-1.154	-0.746	-0.388	-0.163	-0.108	-0.196
1961	19.60	-0.351	-0.486	-0.540	-0.506	-0.425	-0.356	-0.341	-0.375	-0.402	-0.343
1971	19.70	-0.131	0.246	0.730	1.204	1.533	1.611	1.400	0.952	0.388	-0.134
1981	19.80	-0.471	-0.533	-0.304	0.157	0.741	1.321	1.783	2.051	2.090	1.907
1991	19.90	1.541	1.054	0.519	0.020	-0.359	-0.545	-0.492	-0.199	0.284	0.856

Table 7-71-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1263 713-GR-1-4 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 19.093 (GAL) T= 1.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	1.387	1.749	1.856	1.689	1.306	0.824	0.382	0.092	0.007	0.101
2011	20.10	0.289	0.453	0.494	0.358	0.056	-0.351	-0.782	-1.169	-1.483	-1.735
2021	20.20	-1.963	-2.199	-2.448	-2.671	-2.793	-2.732	-2.431	-1.887	-1.160	-0.366
2031	20.30	0.362	0.908	1.205	1.252	1.100	0.828	0.509	0.180	-0.161	-0.547
2041	20.40	-1.005	-1.529	-2.060	-2.486	-2.673	-2.510	-1.946	-1.020	0.143	1.367
2051	20.50	2.470	3.316	3.847	4.090	4.132	4.083	4.038	4.051	4.125	4.228
2061	20.60	4.512	4.339	4.288	4.160	3.969	3.734	3.469	3.180	2.871	2.538
2071	20.70	2.178	1.784	1.346	0.856	0.298	-0.320	-0.986	-1.674	-2.366	-2.966
2081	20.80	-3.500	-3.922	-4.215	-4.363	-4.369	-4.203	-3.906	-3.499	-3.024	-2.527
2091	20.90	-2.045	-1.585	-1.132	-0.657	-0.140	0.403	0.913	1.297	1.457	1.335
2101	21.00	0.940	0.358	-0.272	-0.806	-1.149	-1.245	-1.167	-0.996	-0.826	-0.711
2111	21.10	-0.669	-0.590	-0.469	-0.240	0.111	0.561	1.072	1.614	2.177	2.761
2121	21.20	3.361	3.939	4.420	4.710	4.723	4.428	3.864	3.139	2.398	1.775
2131	21.30	1.351	1.134	1.069	1.065	1.035	0.923	0.710	0.409	0.040	-0.382
2141	21.40	-0.844	-1.335	-1.823	-2.256	-2.563	-2.682	-2.578	-2.266	-1.809	-1.302
2151	21.50	-0.840	-0.489	-0.269	-0.161	-0.121	-0.110	-0.111	-0.140	-0.229	-0.408
2161	21.60	-0.684	-1.024	-1.367	-1.641	-1.787	-1.783	-1.649	-1.433	-1.199	-0.997
2171	21.70	-0.851	-0.759	-0.701	-0.652	-0.599	-0.533	-0.448	-0.327	-0.138	0.156
2181	21.80	0.582	1.133	1.760	2.373	2.869	3.166	3.231	3.094	2.833	2.540
2191	21.90	2.287	2.097	1.941	1.757	1.486	1.096	0.596	0.029	-0.546	-1.080
2201	22.00	-1.543	-1.922	-2.210	-2.395	-2.463	-2.398	-2.202	-1.899	-1.530	-1.136
2211	22.10	-0.740	-0.340	0.079	0.525	0.973	1.353	1.573	1.550	1.263	0.771
2221	22.20	0.208	-0.265	-0.521	-0.524	-0.342	-0.120	-0.016	-0.128	-0.452	-0.884
2231	22.30	-1.270	-1.671	-1.430	-1.190	-0.869	-0.610	-0.513	-0.595	-0.792	-0.992
2241	22.40	-1.087	-1.020	-0.799	-0.490	-0.182	0.053	0.177	0.199	0.153	0.083
2251	22.50	0.020	-0.025	-0.059	-0.097	-0.154	-0.238	-0.352	-0.491	-0.650	-0.820
2261	22.60	-0.992	-1.156	-1.294	-1.387	-1.411	-1.348	-1.186	-0.936	-0.634	-0.343
2271	22.70	-0.139	-0.090	-0.233	-0.550	-0.967	-1.373	-1.652	-1.728	-1.585	-1.277
2281	22.80	-0.897	-0.541	-0.265	-0.068	0.099	0.298	0.569	0.904	1.250	1.533
2291	22.90	1.699	1.737	1.689	1.621	1.590	1.612	1.656	1.653	1.538	1.275
2301	23.00	0.877	0.397	-0.098	-0.549	-0.924	-1.210	-1.406	-1.509	-1.517	-1.442
2311	23.10	-1.327	-1.244	-1.280	-1.491	-1.868	-2.313	-2.662	-2.742	-2.441	-1.769
2321	23.20	-0.864	0.048	0.737	1.050	0.967	0.595	0.111	-0.314	-0.581	-0.688
2331	23.30	-0.700	-0.693	-0.699	-0.683	-0.564	-0.266	0.228	0.856	1.492	1.999
2341	23.40	2.291	2.365	2.300	2.211	2.192	2.269	2.394	2.476	2.430	2.225
2351	23.50	1.900	1.548	1.266	1.114	1.087	1.131	1.169	1.147	1.058	0.937
2361	23.60	0.842	0.811	0.841	0.884	0.870	0.740	0.479	0.116	-0.278	-0.630
2371	23.70	-0.889	-1.048	-1.137	-1.211	-1.317	-1.478	-1.684	-1.896	-2.069	-2.161
2381	23.80	-2.151	-2.043	-1.854	-1.611	-1.338	-1.055	-0.774	-0.504	-0.254	-0.039
2391	23.90	0.120	0.203	0.198	0.105	-0.048	-0.215	-0.336	-0.354	-0.234	0.022
2401	24.00	0.376	0.760	1.107	1.365	1.522	1.605	1.668	1.767	1.937	2.176
2411	24.10	2.448	2.696	2.863	2.915	2.847	2.680	2.452	2.197	1.935	1.666
2421	24.20	1.379	1.056	0.686	0.270	-0.182	-0.648	-1.104	-1.528	-1.901	-2.207
2431	24.30	-2.434	-2.568	-2.593	-2.497	-2.272	-1.922	-1.469	-0.951	-0.422	0.062
2441	24.40	0.453	0.721	0.859	0.881	0.807	0.653	0.423	0.107	-0.301	-0.794
2451	24.50	-1.338	-1.873	-2.327	-2.634	-2.761	-2.711	-2.518	-2.232	-1.895	-1.528
2461	24.60	-1.134	-0.706	-0.251	0.201	0.604	0.911	1.099	1.181	1.208	1.246
2471	24.70	1.347	1.522	1.735	1.918	2.001	1.944	1.755	1.484	1.206	0.985
2481	24.80	0.856	0.819	0.848	0.913	0.994	1.091	1.208	1.343	1.480	1.583
2491	24.90	1.616	1.557	1.407	1.194	0.959	0.735	0.536	0.358	0.184	0.004

Table 7-71-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1263 713-GR-1-4 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 19.093 (GAL) T= 1.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.180	-0.349	-0.488	-0.595	-0.696	-0.836	-1.059	-1.388	-1.802	-2.241
2511	25.10	-2.628	-2.891	-2.999	-2.966	-2.844	-2.695	-2.564	-2.458	-2.348	-2.185
2521	25.20	-1.939	-1.573	-1.138	-0.679	-0.251	0.108	0.391	0.624	0.850	1.109
2531	25.30	1.418	1.762	2.096	2.359	2.497	2.482	2.327	2.082	1.826	1.631
2541	25.40	1.538	1.534	1.555	1.504	1.298	0.909	0.399	-0.095	-0.397	-0.362
2551	25.50	0.061	0.788	1.621	2.302	2.610	2.433	1.814	0.926	0.009	-0.720
2561	25.60	-1.142	-1.263	-1.190	-1.070	-1.023	-1.095	-1.256	-1.429	-1.544	-1.568
2571	25.70	-1.528	-1.483	-1.495	-1.598	-1.780	-1.996	-2.193	-2.330	-2.393	-2.393
2581	25.80	-2.344	-2.257	-2.138	-1.986	-1.815	-1.654	-1.538	-1.494	-1.520	-1.578
2591	25.90	-1.605	-1.539	-1.348	-1.052	-0.713	-0.410	-0.207	-0.116	-0.096	-0.067
2601	26.00	0.058	0.331	0.754	1.275	1.817	2.301	2.675	2.918	3.039	3.058
2611	26.10	2.993	2.860	2.671	2.450	2.232	2.058	1.962	1.954	2.006	2.060
2621	26.20	2.043	1.889	1.561	1.061	0.427	-0.279	-0.988	-1.639	-2.182	-2.576
2631	26.30	-2.792	-2.804	-2.605	-2.209	-1.661	-1.040	-0.447	0.016	0.274	0.294
2641	26.40	0.103	-0.227	-0.602	-0.928	-1.151	-1.259	-1.285	-1.286	-1.315	-1.401
2651	26.50	-1.535	-1.679	-1.785	-1.811	-1.742	-1.587	-1.371	-1.122	-0.854	-0.568
2661	26.60	-0.257	0.087	0.460	0.851	1.246	1.634	2.014	2.383	2.722	2.987
2671	26.70	3.106	2.994	2.592	1.897	0.983	-0.005	-0.885	-1.494	-1.741	-1.636
2681	26.80	-1.284	-0.852	-0.513	-0.394	-0.538	-0.905	-1.390	-1.855	-2.173	-2.246
2691	26.90	-2.034	-1.553	-0.872	-0.104	0.626	1.202	1.551	1.668	1.616	1.505
2701	27.00	1.460	1.567	1.845	2.237	2.629	2.892	2.936	2.732	2.323	1.799
2711	27.10	1.262	0.787	0.408	0.117	-0.113	-0.305	-0.464	-0.573	-0.604	-0.537
2721	27.20	-0.372	-0.135	0.120	0.329	0.430	0.378	0.163	-0.181	-0.581	-0.931
2731	27.30	-1.123	-1.081	-0.794	-0.331	0.174	0.560	0.697	0.533	0.121	-0.402
2741	27.40	-0.862	-1.114	-1.090	-0.821	-0.411	0.011	0.344	0.551	0.657	0.722
2751	27.50	0.803	0.923	1.062	1.178	1.229	1.201	1.109	0.983	0.846	0.701
2761	27.60	0.530	0.310	0.038	-0.261	-0.537	-0.742	-0.854	-0.895	-0.925	-1.012
2771	27.70	-1.198	-1.474	-1.775	-2.006	-2.082	-1.961	-1.660	-1.244	-0.792	-0.365
2781	27.80	0.020	0.382	0.758	1.173	1.614	2.034	2.370	2.574	2.634	2.581
2791	27.90	2.474	2.373	2.305	2.255	2.173	1.994	1.674	1.214	0.661	0.098
2801	28.00	-0.392	-0.753	-0.977	-1.104	-1.203	-1.336	-1.536	-1.784	-2.021	-2.170
2811	28.10	-2.169	-1.998	-1.691	-1.325	-0.991	-0.763	-0.673	-0.703	-0.801	-0.908
2821	28.20	-0.984	-1.025	-1.057	-1.114	-1.215	-1.347	-1.465	-1.531	-1.441	-1.245
2831	28.30	-0.958	-0.639	-0.353	-0.137	0.005	0.107	0.216	0.360	0.553	0.770
2841	28.40	0.966	1.099	1.140	1.083	0.943	0.749	0.533	0.332	0.183	0.125
2851	28.50	0.187	0.375	0.662	0.980	1.238	1.341	1.232	0.909	0.432	-0.097
2861	28.60	-0.575	-0.933	-1.156	-1.283	-1.373	-1.472	-1.586	-1.679	-1.690	-1.570
2871	28.70	-1.311	-0.957	-0.589	-0.295	-0.132	-0.111	-0.190	-0.298	-0.356	-0.304
2881	28.80	-0.107	0.237	0.705	1.253	1.812	2.294	2.603	2.658	2.425	1.941
2891	28.90	1.317	0.716	0.296	0.157	0.298	0.611	0.926	1.071	0.945	0.557
2901	29.00	0.017	-0.510	-0.877	-1.018	-0.967	-0.839	-0.771	-0.860	-1.119	-1.476
2911	29.10	-1.806	-1.994	-1.979	-1.774	-1.458	-1.131	-0.868	-0.590	-0.564	-0.428
2921	29.20	-0.230	0.039	0.337	0.584	0.697	0.631	0.400	0.078	-0.225	-0.398
2931	29.30	-0.372	-0.139	0.245	0.684	1.069	1.319	1.397	1.315	1.118	0.863
2941	29.40	0.598	0.345	0.110	-0.115	-0.328	-0.510	-0.632	-0.661	-0.582	-0.409
2951	29.50	-0.186	0.028	0.175	0.224	0.176	0.063	-0.072	-0.191	-0.275	-0.326
2961	29.60	-0.351	-0.353	-0.317	-0.215	-0.021	0.269	0.629	1.000	1.311	1.507
2971	29.70	1.570	1.528	1.439	1.364	1.338	1.350	1.350	1.269	1.057	0.708
2981	29.80	0.266	-0.185	-0.553	-0.772	-0.823	-0.737	-0.577	-0.418	-0.317	-0.308
2991	29.90	-0.396	-0.566	-0.797	-1.064	-1.339	-1.590	-1.776	-1.860	-1.817	-1.650

Table 7-71-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1263 713-GR-1-4 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 19.093 (GAL) T= 1.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-1.395	-1.113	-0.872	-0.725	-0.689	-0.733	-0.814	-0.847	-0.785	-0.609
3011	30.10	-0.347	-0.055	0.196	0.347	0.372	0.283	0.127	-0.029	-0.121	-0.103
3021	30.20	0.037	0.268	0.531	0.748	0.847	0.783	0.556	0.207	-0.187	-0.542
3031	30.30	-0.788	-0.892	-0.657	-0.716	-0.507	-0.260	0.017	0.329	0.680	1.054
3041	30.40	1.412	1.701	1.882	1.947	1.935	1.920	1.976	2.138	2.383	2.621
3051	30.50	2.736	2.632	2.280	1.742	1.151	0.670	0.423	0.455	0.713	1.077
3061	30.60	1.406	1.594	1.605	1.469	1.261	1.056	0.897	0.783	0.679	0.539
3071	30.70	0.332	0.047	-0.303	-0.702	-1.133	-1.585	-2.041	-2.467	-2.811	-3.009
3081	30.80	-3.012	-2.806	-2.427	-1.955	-1.491	-1.125	-0.903	-0.826	-0.849	-0.915
3091	30.90	-0.969	-0.985	-0.957	-0.897	-0.814	-0.705	-0.558	-0.361	-0.110	0.177
3101	31.00	0.462	0.701	0.854	0.900	0.849	0.701	0.524	0.355	0.234	0.184
3111	31.10	0.209	0.286	0.374	0.424	0.393	0.260	0.035	-0.239	-0.502	-0.697
3121	31.20	-0.795	-0.801	-0.761	-0.733	-0.771	-0.899	-1.101	-1.323	-1.494	-1.549
3131	31.30	-1.447	-1.181	-0.783	-0.312	0.159	0.556	0.823	0.931	0.891	0.744
3141	31.40	0.569	0.433	0.393	0.460	0.601	0.750	0.840	0.829	0.723	0.569
3151	31.50	0.429	0.365	0.314	0.282	0.171	-0.083	-0.485	-0.975	-1.438	-1.750
3161	31.60	-1.829	-1.666	-1.330	-0.932	-0.585	-0.355	-0.248	-0.222	-0.218	-0.195
3171	31.70	-0.146	-0.092	-0.062	-0.069	-0.098	-0.121	-0.115	-0.085	-0.068	-0.117
3181	31.80	-0.269	-0.516	-0.801	-1.028	-1.105	-0.975	-0.649	-0.196	0.277	0.667
3191	31.90	0.907	0.982	0.921	0.780	0.617	0.477	0.391	0.377	0.450	0.613
3201	32.00	0.860	1.165	1.484	1.762	1.946	2.004	1.930	1.745	1.487	1.199
3211	32.10	0.917	0.667	0.466	0.320	0.226	0.165	0.102	-0.001	-0.181	-0.446
3221	32.20	-0.771	-1.097	-1.351	-1.476	-1.451	-1.307	-1.106	-0.915	-0.773	-0.674
3231	32.30	-0.576	-0.434	-0.231	0.002	0.189	0.249	0.137	-0.121	-0.434	-0.676
3241	32.40	-0.744	-0.608	-0.325	-0.013	0.200	0.238	0.112	-0.094	-0.260	-0.295
3251	32.50	-0.177	0.042	0.269	0.425	0.492	0.520	0.599	0.803	1.143	1.563
3261	32.60	1.873	2.004	1.872	1.516	1.069	0.697	0.533	0.615	0.875	1.171
3271	32.70	1.348	1.308	1.044	0.632	0.188	-0.189	-0.457	-0.639	-0.799	-0.994
3281	32.80	-1.243	-1.512	-1.734	-1.839	-1.792	-1.606	-1.329	-1.022	-0.726	-0.451
3291	32.90	-0.180	0.112	0.437	0.781	1.111	1.392	1.605	1.751	1.844	1.891
3301	33.00	1.877	1.761	1.498	1.066	0.488	-0.150	-0.725	-1.113	-1.235	-1.087
3311	33.10	-0.745	-0.341	-0.014	0.136	0.075	-0.161	-0.487	-0.807	-1.046	-1.165
3321	33.20	-1.164	-1.069	-0.916	-0.737	-0.565	-0.428	-0.361	-0.394	-0.547	-0.816
3331	33.30	-1.157	-1.494	-1.729	-1.773	-1.571	-1.132	-0.528	0.113	0.666	0.946
3341	33.40	0.949	0.674	0.221	-0.261	-0.613	-0.718	-0.535	-0.108	0.455	1.015
3351	33.50	1.449	1.688	1.722	1.592	1.365	1.104	0.853	0.630	0.442	0.298
3361	33.60	0.211	0.197	0.257	0.370	0.493	0.575	0.585	0.529	0.453	0.431
3371	33.70	0.526	0.757	1.084	1.416	1.666	1.695	1.546	1.257	0.929	0.673
3381	33.80	0.559	0.594	0.722	0.853	0.900	0.810	0.578	0.237	-0.163	-0.574
3391	33.90	-0.963	-1.312	-1.608	-1.831	-1.959	-1.972	-1.861	-1.639	-1.338	-1.001
3401	34.00	-0.672	-0.381	-0.143	0.036	0.157	0.224	0.240	0.211	0.148	0.066
3411	34.10	-0.023	-0.118	-0.230	-0.381	-0.592	-0.871	-1.208	-1.570	-1.917	-2.205
3421	34.20	-2.404	-2.500	-2.496	-2.403	-2.241	-2.034	-1.810	-1.601	-1.434	-1.328
3431	34.30	-1.277	-1.256	-1.223	-1.137	-0.976	-0.744	-0.475	-0.211	0.010	0.172
3441	34.40	0.279	0.343	0.374	0.369	0.315	0.209	0.069	-0.059	-0.120	-0.073
3451	34.50	0.073	0.259	0.388	0.374	0.188	-0.112	-0.397	-0.513	-0.355	0.077
3461	34.60	0.667	1.222	1.542	1.509	1.127	0.527	-0.096	-0.554	-0.741	-0.655
3471	34.70	-0.382	-0.048	0.242	0.430	0.506	0.489	0.391	0.214	-0.050	-0.388
3481	34.80	-0.754	-1.070	-1.258	-1.272	-1.129	-0.906	-0.710	-0.623	-0.662	-0.771
3491	34.90	-0.847	-0.795	-0.577	-0.236	0.121	0.578	0.459	0.371	0.193	0.041

Table 7-71-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1263 713-GR-1-4 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = 19.093 (GAL) T= 1.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.004	0.112	0.320	0.541	0.690	0.728	0.675	0.588	0.528	0.523
3511	35.10	0.556	0.585	0.576	0.535	0.517	0.596	0.828	1.207	1.653	2.036
3521	35.20	2.226	2.152	1.828	1.353	0.859	0.460	0.201	0.055	-0.055	-0.198
3531	35.30	-0.393	-0.593	-0.705	-0.643	-0.372	0.063	0.555	0.982	1.262	1.393
3541	35.40	1.442	1.512	1.679	1.951	2.259	2.495	2.566	2.450	2.214	1.986
3551	35.50	1.898	2.024	2.343	2.746	3.092	3.268	3.235	3.043	2.791	2.574
3561	35.60	2.434	2.346	2.240	2.045	1.738	1.359	0.987	0.695	0.512	0.405
3571	35.70	0.300	0.124	-0.143	-0.460	-0.737	-0.893	-0.897	-0.791	-0.671	-0.632
3581	35.80	-0.713	-0.873	-1.002	-0.983	-0.754	-0.339	0.162	0.626	0.986	1.261
3591	35.90	1.554	1.983	2.597	3.315	3.924	4.157	3.799	2.798	1.302	-0.376

Table 7-72-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1264 713-GR-1-4 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -49.181 (GAL) T= 3.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	6.622	9.815	12.366	13.194	11.743	8.033	2.771	-2.904	-7.823	-11.174
11	0.10	-12.744	-12.915	-12.452	-12.163	-12.596	-13.863	-15.656	-17.401	-18.462	-18.323
21	0.20	-16.674	-13.415	-8.631	-2.563	4.377	11.578	18.239	23.450	26.366	26.426
31	0.30	23.555	18.245	11.490	4.544	-1.391	-5.483	-7.464	-7.652	-6.804	-5.838
41	0.40	-5.536	-6.304	-8.058	-10.268	-12.112	-12.716	-11.389	-7.810	-2.124	5.066
51	0.50	12.811	19.992	25.540	28.639	28.886	26.363	21.601	15.458	8.911	2.832
61	0.60	-2.200	-6.008	-8.801	-11.044	-13.251	-15.768	-18.617	-21.455	-23.676	-24.613
71	0.70	-23.774	-21.033	-16.699	-11.441	-6.092	-1.416	2.095	4.306	5.393	5.703
81	0.80	5.572	5.196	4.590	3.651	2.271	0.457	-1.618	-3.643	-5.268	-6.229
91	0.90	-6.435	-5.997	-5.177	-4.288	-3.587	-3.191	-3.045	-2.953	-2.640	-1.847
101	1.00	-0.434	1.567	3.809	5.860	7.095	6.964	5.155	1.755	-2.700	-7.297
111	1.10	-10.963	-12.758	-12.149	-9.172	-4.433	1.068	6.210	10.030	11.920	11.693
121	1.20	9.541	5.918	1.434	-3.219	-7.307	-10.095	-10.929	-9.367	-5.335	0.768
131	1.30	8.052	15.265	21.024	24.099	23.674	19.515	12.033	2.240	-8.367	-17.990
141	1.40	-24.775	-27.124	-24.048	-15.496	-2.548	12.630	27.137	37.938	42.590	39.868
151	1.50	30.093	15.064	-2.403	-19.161	-32.431	-40.315	-42.020	-37.806	-28.746	-16.440
161	1.60	-2.758	10.371	21.137	28.060	30.214	27.424	20.353	10.396	-0.607	-10.781
171	1.70	-18.615	-23.224	-24.410	-22.535	-18.305	-12.558	-6.135	0.152	5.529	9.292
181	1.80	10.908	10.152	7.219	2.716	-2.481	-7.463	-11.528	-14.315	-15.768	-15.974
191	1.90	-14.962	-12.587	-8.575	-2.714	4.898	13.696	22.657	30.522	36.122	38.695
201	2.00	38.049	34.527	28.793	21.576	13.476	4.926	-3.703	-11.938	-19.091	-24.280
211	2.10	-26.617	-25.481	-20.772	-13.033	-3.380	6.742	15.903	22.995	27.437	29.191
221	2.20	28.636	26.340	22.854	18.575	13.743	8.548	3.279	-1.563	-5.263	-7.039
231	2.30	-6.288	-2.874	2.690	9.236	15.159	18.808	18.936	15.057	7.584	-2.288
241	2.40	-12.921	-22.666	-30.244	-34.966	-36.763	-35.938	-33.141	-28.968	-23.937	-18.447
251	2.50	-12.805	-7.262	-2.041	2.659	6.652	9.732	11.627	11.973	10.350	6.408
261	2.60	0.044	-8.412	-18.113	-27.757	-35.821	-40.906	-42.088	-39.157	-32.684	-23.886
271	2.70	-14.350	-5.697	0.728	4.076	4.106	1.189	-3.771	-9.498	-14.562	-17.643
281	2.80	-17.787	-14.626	-8.469	-0.246	8.698	16.909	23.137	26.571	26.939	24.444
291	2.90	19.719	13.457	6.468	-0.488	-6.709	-11.549	-14.452	-15.012	-13.075	-8.811
301	3.00	-2.741	4.327	11.429	17.627	22.182	24.674	25.051	23.595	20.834	17.417
311	3.10	13.981	11.043	8.920	7.705	7.291	7.447	7.916	8.508	9.160	9.931
321	3.20	10.946	12.299	13.966	15.772	17.416	18.560	18.939	18.448	17.167	15.317
331	3.30	13.175	10.979	8.875	6.920	5.119	3.479	2.028	0.793	-0.248	-1.216
341	3.40	-2.327	-3.824	-5.868	-8.435	-11.278	-13.985	-16.129	-17.442	-17.934	-17.888
351	3.50	-17.720	-17.747	-17.977	-18.007	-17.109	-14.492	-9.639	-2.607	5.840	14.333
361	3.60	21.207	24.919	24.449	19.549	10.789	-0.609	-13.075	-25.032	-35.192	-42.736
371	3.70	-47.355	-49.181	-48.633	-46.242	-42.496	-37.735	-32.139	-25.774	-18.705	-11.098
381	3.80	-3.290	4.227	10.889	16.203	19.868	21.842	22.317	21.629	20.134	18.137
391	3.90	15.877	13.596	11.604	10.309	10.140	11.385	14.006	17.516	21.007	23.350
401	4.00	23.514	20.901	15.578	8.304	0.364	-6.753	-11.701	-13.564	-11.998	-7.229
411	4.10	0.052	8.844	17.997	26.356	32.896	36.854	37.845	35.939	31.653	25.847
421	4.20	19.527	13.621	8.786	5.314	3.156	2.045	1.651	1.706	2.066	2.677
431	4.30	3.517	4.513	5.521	6.327	6.706	6.466	5.486	3.725	1.215	-1.944
441	4.40	-5.584	-9.458	-13.258	-16.646	-19.327	-21.119	-22.015	-22.180	-21.900	-21.476
451	4.50	-21.123	-20.900	-20.712	-20.366	-19.677	-18.559	-17.080	-15.451	-13.963	-12.899
461	4.60	-12.451	-12.670	-13.460	-14.605	-15.824	-16.818	-17.326	-17.153	-16.203	-14.694
471	4.70	-12.162	-9.454	-6.692	-4.232	-2.393	-1.410	-1.384	-2.274	-3.909	-6.029
481	4.80	-8.328	-10.491	-12.209	-13.187	-13.140	-11.814	-9.027	-4.743	0.846	7.275
491	4.90	13.814	19.568	23.647	25.378	24.488	21.200	16.203	10.502	5.189	1.199

Table 7-72-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1264 713-GR-1-4 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -49.181 (GAL) T= 3.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.866	-0.816	1.156	4.580	8.842	13.300	17.364	20.544	22.476	22.950
511	5.10	21.932	19.574	16.188	12.178	7.953	3.840	0.057	-3.261	-5.974	-7.847
521	5.20	-8.510	-7.511	-4.459	0.776	7.899	16.138	24.343	31.223	35.669	37.034
531	5.30	35.295	31.038	25.271	19.132	13.587	9.210	6.108	3.985	2.319	0.565
541	5.40	-1.672	-4.543	-7.967	-11.702	-15.451	-18.955	-22.025	-24.548	-26.440	-27.613
551	5.50	-27.961	-27.384	-25.826	-23.321	-20.008	-16.104	-11.863	-7.527	-3.306	0.599
561	5.60	3.960	6.487	7.840	7.701	5.897	2.502	-2.108	-7.307	-12.372	-16.673
571	5.70	-19.829	-21.778	-22.704	-22.889	-22.539	-21.686	-20.201	-17.915	-14.707	-11.011
581	5.80	-7.024	-3.380	-0.560	1.198	1.976	2.111	2.047	2.158	2.633	3.468
591	5.90	4.548	5.758	7.053	8.446	9.927	11.371	12.500	12.937	12.344	10.571
601	6.00	7.749	4.273	0.685	-2.500	-4.920	-6.415	-6.978	-6.644	-5.415	-3.240
611	6.10	-0.086	3.957	8.607	13.407	17.833	21.444	23.996	25.462	25.943	25.528
621	6.20	24.180	21.729	17.992	12.968	7.008	0.864	-4.436	-7.852	-8.657	-6.672
631	6.30	-2.341	3.386	9.323	14.347	17.643	18.823	17.909	15.230	11.284	6.633
641	6.40	1.823	-2.657	-6.415	-9.194	-10.908	-11.651	-11.665	-11.260	-10.721	-10.226
651	6.50	-9.813	-9.412	-8.914	-8.252	-7.451	-6.633	-5.969	-5.621	-5.675	-6.113
661	6.60	-6.815	-7.585	-8.193	-8.413	-8.062	-7.039	-5.354	-3.159	-0.745	1.487
671	6.70	3.099	3.705	3.062	1.131	-1.918	-5.746	-9.933	-14.059	-17.777	-20.832
681	6.80	-23.054	-24.327	-24.547	-23.614	-21.440	-17.996	-13.357	-7.753	-1.578	4.632
691	6.90	10.267	14.746	17.632	18.724	18.110	16.145	13.378	10.427	7.840	5.998
701	7.00	5.048	4.916	5.356	6.029	6.582	6.711	6.217	5.038	3.275	1.201
711	7.10	-0.762	-2.110	-2.362	-1.193	1.464	5.361	9.975	14.631	18.665	21.592
721	7.20	23.196	23.534	22.854	21.459	19.589	17.352	14.730	11.649	8.066	4.038
731	7.30	-0.256	-4.538	-8.503	-11.867	-14.411	-15.998	-16.568	-16.129	-14.761	-12.620
741	7.40	-9.941	-7.025	-4.195	-1.739	0.149	1.399	2.062	2.266	2.150	1.809
751	7.50	1.270	0.505	-0.523	-1.805	-3.255	-4.704	-5.945	-6.793	-7.149	-7.035
761	7.60	-6.603	-6.096	-5.792	-5.938	-6.694	-8.086	-9.988	-12.128	-14.115	-15.495
771	7.70	-15.831	-14.802	-12.289	-8.436	-3.654	1.442	6.147	9.811	11.968	12.417
781	7.80	11.225	8.676	5.183	1.192	-2.871	-6.617	-9.690	-11.750	-12.497	-11.712
791	7.90	-9.328	-5.490	-0.565	4.895	10.252	14.905	18.391	20.453	21.039	20.269
801	8.00	18.376	15.648	12.398	8.950	5.622	2.712	0.461	-0.986	-1.611	-1.522
811	8.10	-0.924	-0.066	0.820	1.563	2.070	2.319	2.340	2.194	1.957	1.719
821	8.20	1.570	1.598	1.855	2.343	3.004	3.727	4.384	4.876	5.160	5.256
831	8.30	5.220	5.087	4.824	4.301	3.317	1.660	-0.796	-4.007	-7.714	-11.458
841	8.40	-14.669	-16.793	-17.445	-16.523	-14.266	-11.204	-8.060	-5.544	-4.179	-4.144
851	8.50	-5.223	-6.863	-8.341	-8.990	-8.419	-6.650	-4.132	-1.620	0.063	0.281
861	8.60	-1.206	-4.162	-7.841	-11.371	-13.811	-14.503	-13.215	-10.183	-6.020	-1.533
871	8.70	2.486	5.443	7.046	7.316	6.529	5.099	3.471	2.018	0.992	0.500
881	8.80	0.522	0.937	1.565	2.217	2.734	3.030	3.105	3.038	2.950	2.947
891	8.90	3.062	3.230	3.301	3.089	2.463	1.416	0.104	-1.174	-2.051	-2.198
901	9.00	-1.415	0.313	2.814	5.784	8.860	11.689	13.977	15.513	16.171	15.912
911	9.10	14.785	12.937	10.605	8.091	5.724	3.806	2.574	2.179	2.690	4.106
921	9.20	6.351	9.253	12.505	15.644	18.073	19.161	18.393	15.542	10.789	4.742
931	9.30	-1.679	-7.459	-11.745	-14.052	-14.361	-13.073	-10.859	-8.454	-6.480	-5.331
941	9.40	-5.149	-5.861	-7.247	-9.001	-10.787	-12.273	-13.179	-13.332	-12.706	-11.449
951	9.50	-9.857	-8.292	-7.081	-6.412	-6.289	-6.545	-6.920	-7.167	-7.140	-6.830
961	9.60	-6.348	-5.859	-5.517	-5.413	-5.571	-5.956	-6.508	-7.150	-7.781	-8.270
971	9.70	-8.441	-8.108	-7.124	-5.447	-3.185	-0.599	1.947	4.085	5.540	6.206
981	9.80	6.168	5.660	4.997	4.481	4.336	4.672	5.488	6.691	8.129	9.614
991	9.90	10.943	11.919	12.378	12.217	11.424	10.094	8.420	6.661	5.081	3.901

Table 7-72-3

TABLE OF CORRECTED ACCELERATION RECORD

NO. 3

INDEX NO. 1264 713-GR-1-4 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -49.181 (GAL) T= 3.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	3.243	3.112	3.394	3.887	4.340	4.505	4.193	3.313	1.913	0.185
1011	10.10	-1.553	-2.917	-3.544	-3.196	-1.844	0.288	2.766	4.933	6.247	6.223
1021	10.20	4.651	1.631	-2.452	-7.014	-11.394	-14.990	-17.359	-18.277	-17.747	-15.971
1031	10.30	-13.286	-10.103	-6.830	-3.818	-1.316	0.559	1.826	2.624	3.183	3.773
1041	10.40	4.641	5.958	7.768	9.957	12.263	14.309	15.678	16.005	15.067	12.851
1051	10.50	9.571	5.626	1.515	-2.272	-5.357	-7.531	-8.758	-9.135	-8.831	-8.027
1061	10.60	-6.882	-5.525	-4.061	-2.569	-1.093	0.380	1.928	3.669	5.698	8.009
1071	10.70	10.424	12.584	14.017	14.271	13.076	10.460	6.777	2.620	-1.343	-4.544
1081	10.80	-6.754	-7.927	-8.339	-8.354	-8.303	-8.382	-8.627	-8.959	-9.256	-9.410
1091	10.90	-9.373	-9.133	-8.688	-8.031	-7.144	-6.027	-4.717	-3.310	-1.948	-0.790
1101	11.00	0.029	0.422	0.362	-0.119	-0.938	-1.970	-3.052	-3.995	-4.617	-4.789
1111	11.10	-4.483	-3.795	-2.933	-2.152	-1.664	-1.558	-1.763	-2.078	-2.258	-2.117
1121	11.20	-1.607	-0.835	-0.014	0.629	0.939	0.886	0.555	0.095	-0.345	-0.657
1131	11.30	-0.777	-0.655	-0.222	0.625	1.992	3.938	6.407	9.204	12.006	14.426
1141	11.40	16.094	16.737	16.225	14.584	11.977	8.669	5.001	1.353	-1.884	-4.351
1151	11.50	-5.783	-6.059	-5.248	-3.608	-1.542	0.483	2.042	2.845	2.800	2.026
1161	11.60	0.822	-0.401	-1.204	-1.215	-0.201	1.875	4.841	8.329	11.843	14.838
1171	11.70	16.831	17.481	16.651	14.422	11.060	6.960	2.570	-1.672	-5.392	-8.305
1181	11.80	-10.227	-11.078	-10.881	-9.750	-7.887	-5.568	-3.118	-0.888	0.783	1.613
1191	11.90	1.417	0.148	-2.077	-4.985	-8.178	-11.204	-13.634	-15.149	-15.589	-14.968
1201	12.00	-13.453	-11.300	-8.801	-6.221	-3.775	-1.621	0.137	1.426	2.209	2.470
1211	12.10	2.225	1.520	0.429	-0.942	-2.458	-3.952	-5.230	-6.091	-6.367	-5.967
1221	12.20	-4.920	-3.389	-1.650	-0.029	1.177	1.772	1.700	1.037	-0.053	-1.369
1231	12.30	-2.712	-3.896	-4.740	-5.056	-4.671	-3.469	-1.457	1.185	4.101	6.826
1241	12.40	8.897	9.980	9.964	8.973	7.310	5.339	3.370	1.582	0.013	-1.396
1251	12.50	-2.723	-4.002	-5.192	-6.198	-6.906	-7.226	-7.115	-6.576	-5.642	-4.361
1261	12.60	-2.789	-0.994	0.928	2.858	4.657	6.191	7.346	8.049	8.274	8.042
1271	12.70	7.425	6.548	5.583	4.737	4.207	4.141	4.582	5.449	6.551	7.639
1281	12.80	8.482	8.930	8.947	8.597	7.997	7.266	6.493	5.733	5.033	4.458
1291	12.90	4.089	3.996	4.189	4.577	4.965	5.096	4.737	3.755	2.169	0.142
1301	13.00	-2.070	-4.201	-6.032	-7.418	-8.273	-8.544	-8.192	-7.207	-5.653	-3.708
1311	13.10	-1.673	0.077	1.184	1.422	0.775	-0.559	-2.225	-3.834	-5.078	-5.807
1321	13.20	-6.041	-5.913	-5.590	-5.202	-4.811	-4.425	-4.044	-3.693	-3.438	-3.363
1331	13.30	-3.524	-3.918	-4.465	-5.029	-5.468	-5.679	-5.636	-5.385	-5.018	-4.624
1341	13.40	-4.250	-3.884	-3.456	-2.879	-2.092	-1.092	0.048	1.197	2.203	2.942
1351	13.50	3.364	3.502	3.460	3.372	3.342	3.411	3.538	3.628	3.576	3.322
1361	13.60	2.881	2.343	1.841	1.501	1.402	1.557	1.924	2.436	3.025	3.635
1371	13.70	4.213	4.697	5.010	5.071	4.829	4.300	3.579	2.820	2.182	1.769
1381	13.80	1.591	1.567	1.577	1.535	1.449	1.426	1.625	2.168	3.048	4.096
1391	13.90	5.008	5.447	5.159	4.077	2.348	0.291	-1.703	-3.284	-4.238	-4.513
1401	14.00	-4.211	-3.534	-2.731	-2.045	-1.686	-1.798	-2.436	-3.539	-4.918	-6.280
1411	14.10	-7.281	-7.616	-7.107	-5.763	-3.788	-1.523	0.644	2.381	3.479	3.874
1421	14.20	3.618	2.829	1.641	0.182	-1.426	-3.046	-4.516	-5.671	-6.374	-6.576
1431	14.30	-6.350	-5.895	-5.499	-5.455	-5.975	-7.117	-8.746	-10.558	-12.145	-13.094
1441	14.40	-13.093	-12.011	-9.933	-7.153	-4.100	-1.244	1.017	2.442	3.000	2.861
1451	14.50	2.340	1.802	1.561	1.793	2.493	3.476	4.433	5.022	4.959	4.112
1461	14.60	2.549	0.535	-1.520	-3.155	-3.975	-3.749	-2.473	-0.368	2.186	4.747
1471	14.70	6.929	8.489	9.361	9.642	9.529	9.239	8.943	8.728	8.595	8.492
1481	14.80	8.346	8.104	7.753	7.322	6.880	6.511	6.295	6.282	6.470	6.793
1491	14.90	7.127	7.310	7.182	6.627	5.612	4.196	2.518	0.762	-0.882	-2.257

Table 7-72-4

TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 1264 713-GR-1-4 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -49.181 (GAL) T= 3.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-3.254	-3.807	-3.890	-3.506	-2.694	-1.540	-0.192	1.137	2.198	2.739
1511	15.10	2.555	1.538	-0.300	-2.815	-5.743	-8.728	-11.356	-13.214	-13.953	-13.363
1521	15.20	-11.437	-8.408	-4.728	-0.993	2.191	4.345	5.231	4.897	3.640	1.902
1531	15.30	0.143	-1.277	-2.153	-2.439	-2.198	-1.553	-0.635	0.421	1.475	2.376
1541	15.40	2.967	3.120	2.778	1.985	0.884	-0.321	-1.424	-2.280	-2.838	-3.138
1551	15.50	-3.279	-3.370	-3.491	-3.685	-3.959	-4.307	-4.721	-5.192	-5.701	-6.199
1561	15.60	-6.616	-6.871	-6.908	-6.716	-6.344	-5.883	-5.421	-5.008	-4.616	-4.139
1571	15.70	-3.425	-2.326	-0.752	1.281	3.645	6.116	8.422	10.306	11.583	12.180
1581	15.80	12.146	11.637	10.863	10.039	9.325	8.800	8.455	8.216	7.981	7.649
1591	15.90	7.140	6.399	5.384	4.076	2.485	0.687	-1.154	-2.784	-3.898	-4.215
1601	16.00	-3.573	-2.000	0.270	2.842	5.271	7.175	8.335	8.717	8.436	7.674
1611	16.10	6.604	5.337	3.935	2.447	0.960	-0.401	-1.699	-2.256	-2.711	-3.036
1621	16.20	-3.683	-4.290	-5.575	-7.268	-9.131	-10.832	-12.073	-12.684	-12.671	-12.175
1631	16.30	-11.382	-10.424	-9.318	-7.980	-6.280	-4.139	-1.587	1.219	4.040	6.619
1641	16.40	8.746	10.284	11.154	11.312	10.719	9.356	7.268	4.607	1.655	-1.209
1651	16.50	-3.597	-5.224	-5.994	-6.036	-5.646	-5.185	-4.942	-5.044	-5.427	-5.884
1661	16.60	-6.161	-6.055	-5.477	-4.461	-3.122	-1.594	0.014	1.631	3.202	4.652
1671	16.70	5.858	6.659	6.893	6.459	5.365	3.744	1.831	-0.096	-1.790	-3.087
1681	16.80	-3.936	-4.378	-4.510	-4.432	-4.209	-3.859	-3.361	-2.692	-1.849	-0.877
1691	16.90	0.130	1.050	1.756	2.153	2.199	1.911	1.357	0.635	-0.156	-0.936
1701	17.00	-1.648	-2.261	-2.758	-3.122	-3.328	-3.355	-3.184	-2.813	-2.259	-1.548
1711	17.10	-0.705	0.254	1.319	2.466	3.635	4.702	5.485	5.772	5.379	4.212
1721	17.20	2.320	-0.103	-2.752	-5.295	-7.460	-9.096	-10.199	-10.870	-11.247	-11.427
1731	17.30	-11.428	-11.182	-10.587	-9.574	-8.158	-6.455	-4.652	-2.948	-1.485	-0.317
1741	17.40	0.596	1.338	1.991	2.583	3.082	3.412	3.493	3.274	2.763	1.988
1751	17.50	0.999	-0.167	-1.486	-2.926	-4.411	-5.806	-6.918	-7.543	-7.528	-6.835
1761	17.60	-5.563	-3.934	-2.225	-0.691	0.510	1.344	1.894	2.307	2.738	3.302
1771	17.70	4.056	5.002	6.107	7.310	8.534	9.675	10.616	11.238	11.457	11.260
1781	17.80	10.718	9.973	9.188	8.484	7.890	7.335	6.678	5.784	4.597	3.175
1791	17.90	1.690	0.368	-0.586	-1.048	-1.003	-0.513	0.325	1.431	2.756	4.260
1801	18.00	5.876	7.466	8.831	9.753	10.071	9.745	8.885	7.724	6.535	5.539
1811	18.10	4.830	4.360	3.976	3.495	2.783	1.803	0.620	-0.627	-1.782	-2.699
1821	18.20	-3.273	-3.433	-3.141	-2.398	-1.251	0.185	1.734	3.178	4.306	4.970
1831	18.30	5.120	4.819	4.207	3.449	2.686	1.995	1.391	0.846	0.314	-0.242
1841	18.40	-0.858	-1.570	-2.425	-3.467	-4.717	-6.136	-7.613	-8.975	-10.032	-10.632
1851	18.50	-10.718	-10.338	-9.625	-8.740	-7.811	-6.899	-5.993	-5.068	-4.029	-2.950
1861	18.60	-1.877	-0.902	-0.099	0.504	0.932	1.245	1.491	1.678	1.766	1.688
1871	18.70	1.386	0.849	0.126	-0.688	-1.479	-2.152	-2.641	-2.911	-2.935	-2.684
1881	18.80	-2.130	-1.270	-0.162	1.062	2.204	3.048	3.427	3.286	2.704	1.878
1891	18.90	1.052	0.438	0.147	0.169	0.392	0.664	0.861	0.932	0.909	0.878
1901	19.00	0.927	1.102	1.379	1.669	1.846	1.792	1.428	0.743	-0.204	-1.299
1911	19.10	-2.393	-3.337	-4.010	-4.348	-4.354	-4.101	-3.707	-3.302	-2.990	-2.824
1921	19.20	-2.794	-2.844	-2.906	-2.926	-2.888	-2.794	-2.663	-2.482	-2.200	-1.738
1931	19.30	-1.021	-0.016	1.232	2.605	3.930	5.031	5.767	6.063	5.903	5.307
1941	19.40	4.312	2.957	1.304	-0.541	-2.399	-4.027	-5.163	-5.594	-5.233	-4.167
1951	19.50	-2.648	-1.032	0.313	1.112	1.242	0.746	-0.209	-1.392	-2.581	-3.598
1961	19.60	-4.326	-4.696	-4.665	-4.217	-3.366	-2.176	-0.771	0.676	1.974	2.953
1971	19.70	3.510	3.621	3.337	2.751	1.961	1.047	0.058	-0.978	-2.035	-3.077
1981	19.80	-4.048	-4.885	-5.528	-5.925	-6.041	-5.846	-5.316	-4.436	-3.218	-1.714
1991	19.90	-0.033	1.664	3.189	4.365	5.072	5.273	5.022	4.446	3.711	2.979

Table 7-72-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1264 713-GR-1-4 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -49.181 (GAL) T= 3.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	2.377	1.981	1.809	1.828	1.965	2.117	2.167	2.005	1.550	0.778
2011	20.10	-0.263	-1.453	-2.624	-3.597	-4.230	-4.451	-4.278	-3.805	-3.178	-2.548
2021	20.20	-2.042	-1.731	-1.622	-1.654	-1.720	-1.680	-1.394	-0.760	0.252	1.574
2031	20.30	3.036	4.390	5.369	5.757	5.458	4.534	3.191	1.728	0.451	-0.409
2041	20.40	-0.755	-0.633	-0.197	0.349	0.817	1.079	1.085	0.846	0.415	-0.140
2051	20.50	-0.749	-1.343	-1.856	-2.220	-2.381	-2.302	-1.979	-1.435	-0.716	0.128
2061	20.60	1.069	2.008	2.967	3.834	4.704	5.368	5.826	6.068	6.029	5.786
2071	20.70	5.340	4.702	3.873	2.856	1.686	0.447	-0.718	-1.627	-2.110	-2.064
2081	20.80	-1.489	-0.498	0.709	1.906	2.904	3.592	3.948	4.017	3.868	3.552
2091	20.90	3.087	2.462	1.668	0.730	-0.276	-1.226	-1.975	-2.401	-2.443	-2.127
2101	21.00	-1.567	-0.938	-0.441	-0.253	-0.487	-1.164	-2.209	-3.466	-4.724	-5.763
2111	21.10	-6.390	-6.474	-5.962	-4.885	-3.350	-1.522	0.401	2.213	3.725	4.798
2121	21.20	5.363	5.429	5.077	4.438	3.651	2.836	2.071	1.392	0.616	0.373
2131	21.30	0.116	0.123	0.460	1.146	2.113	3.208	4.218	4.928	5.178	4.894
2141	21.40	4.101	2.886	1.373	-0.313	-2.038	-3.652	-4.970	-5.792	-5.938	-5.326
2151	21.50	-4.027	-2.286	-0.475	1.002	1.833	1.894	1.277	0.247	-0.863	-1.763
2161	21.60	-2.290	-2.420	-2.239	-1.863	-1.393	-0.880	-0.353	0.153	0.572	0.810
2171	21.70	0.789	0.491	-0.010	-0.564	-0.991	-1.154	-1.011	-0.627	-0.139	0.307
2181	21.80	0.614	0.761	0.791	0.774	0.755	0.738	0.692	0.583	0.406	0.199
2191	21.90	0.023	-0.073	-0.087	-0.070	-0.107	-0.276	-0.602	-1.046	-1.516	-1.916
2201	22.00	-2.187	-2.332	-2.408	-2.483	-2.591	-2.711	-2.769	-2.681	-2.405	-1.972
2211	22.10	-1.492	-1.114	-0.968	-1.115	-1.518	-2.060	-2.591	-2.983	-3.167	-3.144
2221	22.20	-2.964	-2.682	-2.329	-1.898	-1.361	-0.696	0.082	0.901	1.655	2.232
2231	22.30	2.559	2.629	2.506	2.303	2.131	2.057	2.077	2.117	2.067	1.824
2241	22.40	1.345	0.663	-0.116	-0.869	-1.401	-1.693	-1.716	-1.525	-1.212	-0.861
2251	22.50	-0.530	-0.234	0.038	0.305	0.569	0.815	1.013	1.139	1.187	1.175
2261	22.60	1.130	1.077	1.020	0.937	0.798	0.575	0.266	-0.104	-0.493	-0.858
2271	22.70	-1.175	-1.444	-1.681	-1.894	-2.074	-2.181	-2.163	-1.974	-1.597	-1.056
2281	22.80	-0.407	0.289	0.988	1.679	2.378	3.102	3.843	4.543	5.101	5.397
2291	22.90	5.326	4.841	3.967	2.801	1.480	0.157	-1.037	-2.005	-2.687	-3.058
2301	23.00	-3.123	-2.916	-2.501	-1.972	-1.439	-1.008	-0.752	-0.693	-0.797	-0.989
2311	23.10	-1.183	-1.317	-1.374	-1.379	-1.381	-1.420	-1.501	-1.586	-1.609	-1.508
2321	23.20	-1.261	-0.909	-0.553	-0.327	-0.357	-0.719	-1.407	-2.337	-3.364	-4.315
2331	23.30	-5.031	-5.395	-5.347	-4.892	-4.088	-3.036	-1.864	-0.708	0.315	1.124
2341	23.40	1.694	2.060	2.298	2.495	2.714	2.959	3.175	3.269	3.156	2.816
2351	23.50	2.322	1.839	1.576	1.710	2.317	3.324	4.522	5.621	6.340	6.488
2361	23.60	6.015	5.010	3.649	2.132	0.626	-0.762	-1.972	-2.955	-3.644	-3.949
2371	23.70	-3.779	-3.092	-1.936	-0.660	1.109	2.524	3.584	4.184	4.329	4.105
2381	23.80	3.632	3.017	2.324	1.579	0.788	-0.025	-0.813	-1.509	-2.050	-2.410
2391	23.90	-2.613	-2.731	-2.857	-3.074	-3.424	-3.896	-4.439	-4.974	-5.421	-5.708
2401	24.00	-5.782	-5.606	-5.156	-4.424	-3.427	-2.207	-0.833	0.605	2.011	3.291
2411	24.10	4.360	5.148	5.597	5.664	5.336	4.642	3.662	2.526	1.392	0.408
2421	24.20	-0.325	-0.778	-0.999	-1.080	-1.116	-1.161	-1.205	-1.183	-1.003	-0.599
2431	24.30	0.041	0.858	1.743	2.575	3.258	3.748	4.056	4.223	4.297	4.306
2441	24.40	4.251	4.119	3.901	3.611	3.291	3.000	2.793	2.698	2.706	2.772
2451	24.50	2.830	2.815	2.687	2.437	2.089	1.688	1.286	0.928	0.640	0.432
2461	24.60	0.295	0.208	0.166	0.081	-0.012	-0.150	-0.349	-0.613	-0.944	-1.330
2471	24.70	-1.750	-2.171	-2.551	-2.849	-3.033	-3.097	-3.065	-2.989	-2.938	-2.975
2481	24.80	-3.137	-3.420	-3.781	-4.152	-4.461	-4.658	-4.728	-4.683	-4.551	-4.362
2491	24.90	-4.125	-3.837	-3.482	-3.051	-2.547	-1.986	-1.387	-0.760	-0.102	0.595

Table 7-72-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1264 713-GR-1-4 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -49.181 (GAL) T= 3.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.325	2.051	2.695	3.153	3.325	3.156	2.667	1.958	1.187	0.520
2511	25.10	0.082	-0.077	0.015	0.277	0.617	0.962	1.274	1.542	1.751	1.866
2521	25.20	1.823	1.558	1.033	0.274	-0.624	-1.522	-2.274	-2.782	-3.018	-3.026
2531	25.30	-2.888	-2.687	-2.464	-2.220	-1.931	-1.578	-1.178	-0.787	-0.479	-0.310
2541	25.40	-0.289	-0.373	-0.483	-0.543	-0.511	-0.397	-0.247	-0.108	0.001	0.106
2551	25.50	0.259	0.502	0.829	1.169	1.404	1.416	1.141	0.603	-0.085	-0.763
2561	25.60	-1.289	-1.584	-1.662	-1.606	-1.520	-1.471	-1.461	-1.426	-1.274	-0.935
2571	25.70	-0.406	0.247	0.906	1.445	1.773	1.862	1.740	1.470	1.119	0.742
2581	25.80	0.371	0.026	-0.273	-0.497	-0.619	-0.623	-0.519	-0.341	-0.145	0.015
2591	25.90	0.100	0.095	0.001	-0.169	-0.410	-0.718	-1.082	-1.472	-1.826	-2.059
2601	26.00	-2.081	-1.829	-1.288	-0.506	0.426	1.391	2.283	3.022	3.552	3.834
2611	26.10	3.828	3.406	2.815	1.815	0.597	-0.659	-1.718	-2.358	-2.429	-1.911
2621	26.20	-0.923	0.306	1.513	2.475	3.068	3.285	3.208	2.957	2.636	2.300
2631	26.30	1.962	1.618	1.281	1.000	0.850	0.894	1.148	1.551	1.982	2.291
2641	26.40	2.364	2.162	1.740	1.230	0.782	0.518	0.486	0.656	0.943	1.253
2651	26.50	1.516	1.712	1.856	1.982	2.113	2.247	2.361	2.421	2.404	2.303
2661	26.60	2.121	1.857	1.498	1.017	0.391	-0.376	-1.231	-2.081	-2.807	-3.307
2671	26.70	-3.534	-3.509	-3.321	-3.085	-2.907	-2.842	-2.881	-2.971	-3.044	-3.054
2681	26.80	-2.996	-2.907	-2.846	-2.862	-2.975	-3.172	-3.419	-3.683	-3.952	-4.237
2691	26.90	-4.560	-4.934	-5.341	-5.727	-6.013	-6.119	-5.987	-5.607	-5.017	-4.288
2701	27.00	-3.506	-2.748	-2.063	-1.475	-0.984	-0.583	-0.263	-0.021	0.150	0.266
2711	27.10	0.354	0.458	0.628	0.905	1.314	1.849	2.476	3.142	3.785	4.351
2721	27.20	4.803	5.123	5.310	5.377	5.342	5.230	5.079	4.935	4.856	4.897
2731	27.30	5.090	5.429	5.857	6.275	6.570	6.644	6.456	6.031	5.454	4.830
2741	27.40	4.245	3.729	3.250	2.738	2.127	1.402	0.622	-0.097	-0.623	-0.870
2751	27.50	-0.836	-0.615	-0.359	-0.225	-0.310	-0.624	-1.096	-1.615	-2.087	-2.473
2761	27.60	-2.795	-3.109	-3.460	-3.843	-4.199	-4.436	-4.480	-4.316	-4.006	-3.664
2771	27.70	-3.414	-3.327	-3.395	-3.527	-3.590	-3.463	-3.088	-2.493	-1.779	-1.081
2781	27.80	-0.525	-0.186	-0.083	-0.177	-0.405	-0.699	-1.009	-1.308	-1.589	-1.859
2791	27.90	-2.123	-2.373	-2.580	-2.693	-2.666	-2.376	-1.851	-1.095	-0.195	0.708
2801	28.00	1.461	1.944	2.112	2.016	1.781	1.555	1.452	1.502	1.649	1.778
2811	28.10	1.771	1.574	1.217	0.813	0.507	0.422	0.606	1.018	1.547	2.060
2821	28.20	2.445	2.644	2.661	2.540	2.366	2.137	1.959	1.839	1.796	1.839
2831	28.30	1.963	2.145	2.341	2.502	2.580	2.550	2.414	2.202	1.949	1.684
2841	28.40	1.419	1.148	0.855	0.531	0.177	-0.198	-0.582	-0.971	-1.369	-1.774
2851	28.50	-2.172	-2.529	-2.795	-2.927	-2.910	-2.771	-2.579	-2.419	-2.360	-2.431
2861	28.60	-2.609	-2.836	-3.050	-3.210	-3.309	-3.369	-3.412	-3.437	-3.415	-3.299
2871	28.70	-3.058	-2.700	-2.281	-1.895	-1.630	-1.536	-1.599	-1.751	-1.901	-1.978
2881	28.80	-1.958	-1.871	-1.771	-1.701	-1.657	-1.586	-1.402	-1.028	-0.434	0.339
2891	28.90	1.195	2.005	2.656	3.080	3.271	3.273	3.160	3.008	2.876	2.802
2901	29.00	2.798	2.862	2.982	3.140	3.319	3.501	3.674	3.825	3.948	4.034
2911	29.10	4.070	4.039	3.928	3.730	3.458	3.141	2.818	2.527	2.291	2.114
2921	29.20	1.985	1.890	1.820	1.773	1.745	1.716	1.637	1.440	1.061	0.471
2931	29.30	-0.293	-1.122	-1.867	-2.381	-2.573	-2.447	-2.094	-1.659	-1.285	-1.060
2941	29.40	-0.997	-1.046	-1.139	-1.233	-1.332	-1.481	-1.734	-2.105	-2.552	-2.976
2951	29.50	-3.261	-3.326	-3.159	-2.827	-2.449	-2.146	-2.001	-2.031	-2.196	-2.429
2961	29.60	-2.676	-2.911	-3.142	-3.385	-3.637	-3.861	-3.989	-3.946	-3.687	-3.216
2971	29.70	-2.593	-1.910	-1.260	-0.707	-0.265	0.090	0.405	0.717	1.033	1.328
2981	29.80	1.569	1.665	1.585	1.374	1.056	0.698	0.376	0.151	0.058	0.093
2991	29.90	0.225	0.404	0.576	0.701	0.763	0.769	0.747	0.735	0.771	0.881

Table 7–72–7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1264 713-GR-1-4 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -49.181 (GAL) T= 3.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	1.082	1.377	1.763	2.225	2.742	3.281	3.792	4.220	4.508	4.612
3011	30.10	4.516	4.236	3.817	3.323	2.820	2.362	1.984	1.701	1.515	1.416
3021	30.20	1.391	1.420	1.673	1.511	1.491	1.376	1.148	0.817	0.422	0.020
3031	30.30	-0.322	-0.549	-0.632	-0.558	-0.378	-0.105	0.202	0.490	0.708	0.811
3041	30.40	0.761	0.538	0.136	-0.423	-1.098	-1.828	-2.541	-3.168	-3.650	-3.947
3051	30.50	-4.039	-3.934	-3.666	-3.287	-2.867	-2.476	-2.171	-1.978	-1.886	-1.851
3061	30.60	-1.806	-1.690	-1.469	-1.155	-0.801	-0.491	-0.302	-0.287	-0.444	-0.726
3071	30.70	-1.048	-1.326	-1.493	-1.522	-1.424	-1.229	-0.968	-0.657	-0.288	0.153
3081	30.80	0.676	1.262	1.864	2.410	2.827	3.062	3.102	2.972	2.724	2.417
3091	30.90	2.092	1.766	1.436	1.092	0.737	0.396	0.108	-0.084	-0.156	-0.116
3101	31.00	-0.004	0.120	0.200	0.202	0.125	-0.009	-0.167	-0.327	-0.486	-0.660
3111	31.10	-0.868	-1.113	-1.371	-1.592	-1.718	-1.710	-1.561	-1.309	-1.025	-0.785
3121	31.20	-0.648	-0.632	-0.716	-0.849	-0.974	-1.054	-1.076	-1.058	-1.032	-1.028
3131	31.30	-1.063	-1.134	-1.225	-1.316	-1.391	-1.442	-1.470	-1.480	-1.480	-1.478
3141	31.40	-1.483	-1.506	-1.556	-1.630	-1.711	-1.767	-1.752	-1.634	-1.400	-1.080
3151	31.50	-0.738	-0.453	-0.290	-0.268	-0.341	-0.413	-0.366	-0.106	0.391	1.064
3161	31.60	1.784	2.383	2.745	2.791	2.556	2.143	1.686	1.303	1.056	0.939
3171	31.70	0.901	0.877	0.820	0.728	0.632	0.582	0.617	0.750	0.965	1.231
3181	31.80	1.516	1.798	2.068	2.318	2.529	2.668	2.696	2.587	2.350	2.036
3191	31.90	1.727	1.514	1.459	1.573	1.804	2.060	2.234	2.245	2.064	1.717
3201	32.00	1.276	0.830	0.453	0.191	0.057	-0.007	-0.016	-0.027	-0.074	-0.172
3211	32.10	-0.314	-0.478	-0.634	-0.752	-0.811	-0.801	-0.726	-0.603	-0.452	-0.291
3221	32.20	-0.134	0.008	0.125	0.201	0.219	0.168	0.052	-0.100	-0.238	-0.300
3231	32.30	-0.239	-0.044	0.246	0.548	0.758	0.792	0.617	0.266	-0.172	-0.580
3241	32.40	-0.858	-0.954	-0.878	-0.689	-0.466	-0.273	-0.139	-0.058	-0.004	0.039
3251	32.50	0.065	0.042	-0.071	-0.301	-0.633	-1.010	-1.346	-1.552	-1.568	-1.385
3261	32.60	-1.048	-0.636	-0.239	0.071	0.257	0.320	0.289	0.209	0.126	0.077
3271	32.70	0.087	0.172	0.331	0.555	0.822	1.099	1.352	1.554	1.691	1.767
3281	32.80	1.798	1.805	1.805	1.804	1.797	1.777	1.738	1.684	1.629	1.585
3291	32.90	1.557	1.537	1.502	1.430	1.306	1.133	0.932	0.734	0.565	0.440
3301	33.00	0.356	0.297	0.248	0.200	0.159	0.133	0.120	0.099	0.022	-0.169
3311	33.10	-0.526	-1.067	-1.757	-2.513	-3.222	-3.775	-4.099	-4.185	-4.092	-3.927
3321	33.20	-3.812	-3.850	-4.089	-4.511	-5.044	-5.579	-6.011	-6.262	-6.302	-6.147
3331	33.30	-5.842	-5.439	-4.972	-4.452	-3.866	-3.205	-2.479	-1.739	-1.069	-0.570
3341	33.40	-0.323	-0.361	-0.645	-1.081	-1.537	-1.890	-2.057	-2.009	-1.763	-1.366
3351	33.50	-0.862	-0.285	0.342	0.992	1.615	2.141	2.498	2.637	2.567	2.360
3361	33.60	2.138	2.031	2.130	2.447	2.921	3.437	3.878	4.171	4.308	4.300
3371	33.70	4.336	4.348	4.379	4.384	4.294	4.060	3.679	3.201	2.715	2.306
3381	33.80	2.030	1.895	1.870	1.907	1.975	2.065	2.189	2.357	2.555	2.739
3391	33.90	2.844	2.817	2.643	2.363	2.064	1.867	1.786	1.894	2.115	2.345
3401	34.00	2.472	2.417	2.166	1.766	1.304	0.867	0.510	0.238	0.017	-0.207
3411	34.10	-0.474	-0.795	-1.148	-1.493	-1.793	-2.031	-2.214	-2.368	-2.515	-2.662
3421	34.20	-2.796	-2.890	-2.924	-2.901	-2.852	-2.830	-2.892	-3.073	-3.374	-3.762
3431	34.30	-4.180	-4.571	-4.896	-5.143	-5.319	-5.438	-5.511	-5.533	-5.496	-5.392
3441	34.40	-5.234	-5.047	-4.869	-4.727	-4.624	-4.535	-4.413	-4.211	-3.904	-3.497
3451	34.50	-3.024	-2.531	-2.053	-1.599	-1.155	-0.692	-0.193	0.338	0.871	1.366
3461	34.60	1.792	2.142	2.438	2.713	2.993	3.274	3.519	3.671	3.678	3.521
3471	34.70	3.222	2.843	2.457	2.131	1.897	1.759	1.696	1.688	1.726	1.816
3481	34.80	1.970	2.187	2.447	2.711	2.930	3.068	3.112	3.078	3.001	2.922
3491	34.90	2.868	2.851	2.866	2.897	2.922	2.918	2.862	2.729	2.503	2.176

Table 7–72–8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1264 713-GR-1-4 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = -49.181 (GAL) T= 3.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	1.763	1.301	0.839	0.426	0.089	-0.170	-0.372	-0.544	-0.698	-0.815
3511	35.10	-0.858	-0.789	-0.600	-0.333	-0.074	0.073	0.025	-0.240	-0.675	-1.181
3521	35.20	-1.652	-2.012	-2.244	-2.382	-2.480	-2.567	-2.626	-2.593	-2.392	-1.977
3531	35.30	-1.365	-0.644	0.059	0.622	0.974	1.115	1.101	1.010	0.901	0.793
3541	35.40	0.673	0.526	0.369	0.266	0.317	0.622	1.230	2.109	3.140	4.149
3551	35.50	4.957	5.131	5.521	5.262	4.752	4.126	3.512	3.014	2.697	2.587
3561	35.60	2.674	2.921	3.267	3.641	3.971	4.205	4.313	4.293	4.160	3.938
3571	35.70	3.644	3.288	2.875	2.417	1.939	1.479	1.084	0.796	0.639	0.618
3581	35.80	0.717	0.907	1.147	1.383	1.548	1.564	1.358	0.883	0.149	-0.764
3591	35.90	-1.714	-2.534	-3.083	-3.296	-3.211	-2.954	-2.694	-2.576	-2.672	-2.954

Table 7-73-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	3.413	2.475	1.216	0.201	-0.113	0.407	1.491	2.585	3.106	2.725
11	0.10	1.532	0.003	-1.215	-1.607	-1.028	0.239	1.628	2.565	2.732	2.187
21	0.20	1.299	0.521	0.145	0.164	0.306	0.230	-0.247	-1.008	-1.673	-1.798
31	0.30	-1.133	0.198	1.710	2.753	2.809	1.742	-0.120	-2.126	-3.576	-4.020
41	0.40	-3.417	-2.110	-0.634	0.537	1.173	1.318	1.185	0.982	0.785	0.517
51	0.50	0.047	-0.664	-1.470	-2.058	-2.082	-1.346	0.062	1.766	3.225	3.951
61	0.60	3.704	2.591	1.011	-0.506	-1.503	-1.758	-1.325	-0.479	0.423	1.078
71	0.70	1.323	1.154	0.677	0.044	-0.608	-1.181	-1.609	-1.847	-1.859	-1.633
81	0.80	-1.198	-0.651	-0.148	0.126	0.027	-0.485	-1.302	-2.178	-2.794	-2.880
91	0.90	-2.321	-1.234	0.056	1.117	1.587	1.321	0.474	-0.548	-1.255	-1.283
101	1.00	-0.564	0.631	1.794	2.399	2.131	1.027	-0.540	-2.010	-2.866	-2.826
111	1.10	-1.922	-0.453	1.161	2.527	3.372	3.567	3.098	2.034	0.535	-1.122
121	1.20	-2.544	-3.295	-3.051	-1.775	0.181	2.135	3.321	3.213	1.811	-0.307
131	1.30	-2.187	-2.917	-2.062	0.104	2.684	4.553	4.882	3.526	1.100	-1.321
141	1.40	-2.718	-2.611	-1.269	0.662	1.622	1.641	0.634	-0.673	-1.349	-0.782
151	1.50	0.954	3.077	4.445	4.110	1.794	-1.923	-5.820	-8.528	-9.093	-7.349
161	1.60	-3.959	-0.125	2.882	4.169	3.484	1.224	-1.766	-4.502	-6.150	-6.237
171	1.70	-4.755	-2.148	0.797	3.143	4.069	3.149	0.544	-2.964	-6.179	-7.887
181	1.80	-7.320	-6.493	-0.262	3.964	6.757	7.227	5.382	2.105	-1.225	-3.321
191	1.90	-3.503	-1.936	0.524	2.771	3.959	3.856	2.864	1.741	1.176	1.444
201	2.00	2.307	3.193	3.550	3.159	2.261	1.405	1.125	1.609	2.563	3.327
211	2.10	3.222	1.936	-0.248	-2.511	-3.831	-3.457	-1.286	2.023	5.272	7.182
221	2.20	6.907	4.369	0.288	-4.092	-7.467	-8.913	-8.160	-5.602	-2.088	1.388
231	2.30	3.978	5.154	4.755	2.950	0.162	-3.010	-5.868	-7.726	-8.061	-6.681
241	2.40	-3.840	-0.222	3.219	5.553	6.182	5.049	2.640	-0.201	-2.595	-3.924
251	2.50	-4.002	-3.053	-1.540	0.045	1.340	2.150	2.400	2.059	1.118	-0.345
261	2.60	-2.080	-3.633	-4.435	-4.021	-2.274	0.418	3.225	5.156	5.460	3.972
271	2.70	1.229	-1.714	-3.702	-3.956	-2.384	0.403	3.367	5.482	6.128	5.272
281	2.80	3.393	1.210	-0.627	-1.731	-2.008	-1.542	-0.467	1.099	3.005	4.970
291	2.90	6.530	7.117	6.278	3.930	0.515	-3.056	-5.689	-6.524	-5.303	-2.516
301	3.00	0.752	3.230	3.944	2.594	-0.353	-3.855	-6.711	-7.999	-7.389	-5.208
311	3.10	-2.264	0.475	2.219	2.596	1.715	0.065	-1.690	-2.942	-3.324	-2.786
321	3.20	-1.568	-0.089	1.206	1.982	2.087	1.558	0.568	-0.662	-1.920	-3.025
331	3.30	-3.814	-4.122	-3.793	-2.743	-1.042	1.020	2.958	4.219	4.388	3.377
341	3.40	1.517	-0.536	-2.038	-2.461	-1.718	-0.196	1.417	2.449	2.541	1.792
351	3.50	0.669	-0.250	-0.584	-0.333	0.148	0.376	0.024	-0.873	-1.923	-2.584
361	3.60	-2.462	-1.534	-0.180	1.016	1.569	1.349	0.648	0.018	-0.036	0.667
371	3.70	1.873	3.034	3.599	3.318	2.378	1.303	0.666	0.768	1.464	2.233
381	3.80	2.454	1.754	0.231	-1.561	-2.873	-3.123	-2.191	-0.482	1.268	2.344
391	3.90	2.388	1.547	0.374	-0.469	-0.539	0.176	1.272	2.141	2.272	1.480
401	4.00	-0.031	-1.780	-3.248	-4.079	-4.195	-3.753	-3.018	-2.219	-1.474	-0.801
411	4.10	-0.184	0.351	0.725	0.867	0.685	0.314	-0.100	-0.376	-0.407	-0.219
421	4.20	0.051	0.236	0.243	0.116	0.014	0.126	0.558	1.259	2.030	2.604
431	4.30	2.770	2.462	1.780	0.932	0.137	-0.463	-0.828	-0.990	-0.992	-0.839
441	4.40	-0.495	0.064	0.796	1.558	2.138	2.334	2.045	1.327	0.372	-0.566
451	4.50	-1.274	-1.653	-1.726	-1.589	-1.342	-1.036	-0.680	-0.282	0.110	0.393
461	4.60	0.465	0.296	-0.013	-0.243	-0.162	0.343	1.152	1.918	2.193	1.643
471	4.70	0.245	-1.641	-3.379	-4.310	-4.044	-2.650	-0.644	1.221	2.275	2.221
481	4.80	1.233	-0.147	-1.289	-1.775	-1.570	-0.996	-0.523	-0.497	-0.949	-1.582
491	4.90	-1.946	-1.696	-0.807	0.393	1.363	1.620	0.977	-0.354	-1.868	-3.009

Table 7-73-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-3.439	-3.182	-2.589	-2.118	-2.082	-2.462	-2.912	-2.942	-2.192	-0.658
511	5.10	1.265	2.926	3.720	3.370	2.078	0.454	-0.744	-0.940	0.008	1.753
521	5.20	3.614	4.880	5.100	4.258	2.734	1.110	-0.102	-0.658	-0.630	-0.302
531	5.30	0.024	0.198	0.277	0.448	0.860	1.483	2.069	2.261	1.786	0.648
541	5.40	-0.809	-2.007	-2.382	-1.661	-0.032	1.890	3.294	3.524	2.368	0.180
551	5.50	-2.251	-4.018	-4.458	-3.419	-1.295	1.154	3.119	4.054	3.835	2.746
561	5.60	1.287	-0.052	-0.973	-1.413	-1.485	-1.347	-1.116	-0.838	-0.542	-0.295
571	5.70	-0.228	-0.479	-1.097	-1.965	-2.801	-3.261	-3.103	-2.333	-1.245	-0.315
581	5.80	0.005	-0.492	-1.650	-2.989	-3.904	-3.925	-2.921	-1.151	0.843	2.474
591	5.90	3.333	3.322	2.643	1.659	0.730	0.080	-0.222	-0.207	0.077	0.618
601	6.00	1.416	2.411	3.424	4.158	4.292	3.631	2.235	0.455	-1.165	-2.079
611	6.10	-1.963	-0.851	0.862	2.562	3.639	3.705	2.712	0.947	-1.090	-2.858
621	6.20	-3.932	-4.103	-3.394	-2.023	-0.335	1.282	2.473	2.981	2.707	1.734
631	6.30	0.312	-1.198	-2.427	-3.098	-3.089	-2.456	-1.383	-0.114	1.112	2.098
641	6.40	2.689	2.770	2.274	1.223	-0.233	-1.792	-3.055	-3.643	-3.351	-2.262
651	6.50	-0.751	0.633	1.389	1.276	0.426	-0.702	-1.534	-1.636	-0.924	0.298
661	6.60	1.481	2.082	1.818	0.787	-0.589	-1.769	-2.342	-2.187	-1.494	-0.628
671	6.70	0.060	0.396	0.414	0.283	0.168	0.121	0.074	-0.078	-0.364	-0.657
681	6.80	-0.713	-0.302	0.640	1.916	3.104	3.724	3.455	2.292	0.572	-1.162
691	6.90	-2.383	-2.785	-2.381	-1.442	-0.339	0.627	1.326	1.768	1.999	1.993
701	7.00	1.623	0.748	-0.634	-2.270	-3.651	-4.182	-3.443	-1.440	1.305	3.893
711	7.10	5.374	5.136	3.187	0.182	-2.810	-4.724	-4.909	-3.367	-0.717	2.084
721	7.20	4.130	4.893	4.359	2.931	1.184	-0.402	-1.596	-2.399	-2.913	-3.164
731	7.30	-3.033	-2.306	-0.846	1.235	3.503	5.295	5.962	5.151	2.997	0.122
741	7.40	-2.576	-4.248	-4.626	-3.188	-1.119	0.937	2.200	2.241	1.105	-0.749
751	7.50	-2.663	-4.035	-4.527	-4.138	-3.152	-1.997	-1.076	-0.638	-0.727	-1.194
761	7.60	-1.776	-2.184	-2.200	-1.736	-0.868	0.187	1.134	1.693	1.691	1.130
771	7.70	0.193	-0.814	-1.560	-1.799	-1.441	-0.561	0.544	1.932	3.078	3.908
781	7.80	4.298	4.166	3.470	2.250	0.660	-1.006	-2.358	-3.016	-2.748	-1.580
791	7.90	0.171	1.985	3.311	3.754	3.217	1.909	0.261	-1.247	-2.239	-2.530
801	8.00	-2.131	-1.193	0.070	1.419	2.607	3.382	3.522	2.906	1.613	-0.042
811	8.10	-1.551	-2.372	-2.155	-0.916	0.913	2.621	3.503	3.163	1.708	-0.274
821	8.20	-1.946	-2.577	-1.849	0.010	2.333	4.301	5.271	5.013	3.739	1.955
831	8.30	0.214	-1.101	-1.864	-2.164	-2.170	-2.018	-1.761	-1.423	-1.073	-0.871
841	8.40	-1.022	-1.659	-2.713	-3.872	-4.666	-4.667	-3.701	-1.981	-0.061	1.365
851	8.50	1.763	0.984	-0.654	-2.499	-3.838	-4.185	-3.465	-2.002	-0.341	1.008
861	8.60	1.773	1.989	1.898	1.773	1.741	1.720	1.497	0.892	-0.081	-1.148
871	8.70	-1.864	-1.815	-0.833	0.866	2.726	4.050	4.285	3.269	1.324	-0.853
881	8.80	-2.667	-2.946	-2.180	-0.574	1.117	2.102	1.874	0.431	-1.727	-3.790
891	8.90	-4.970	-4.810	-3.362	-1.165	0.973	2.291	2.357	1.226	-0.603	-2.384
901	9.00	-3.412	-3.280	-2.012	-0.043	1.942	3.247	3.386	2.231	0.028	-2.693
911	9.10	-5.279	-7.141	-7.892	-7.426	-5.904	-3.695	-1.261	0.950	2.591	3.473
921	9.20	3.577	3.048	2.156	1.230	0.612	0.550	1.141	2.288	3.704	4.993
931	9.30	5.772	5.820	5.175	4.156	3.261	2.976	3.569	4.939	6.609	7.871
941	9.40	8.046	6.754	4.093	0.660	-2.724	-5.115	-5.940	-5.088	-2.948	-0.253
951	9.50	2.167	3.637	3.803	2.680	0.586	-1.976	-4.448	-6.325	-7.226	-6.952
961	9.60	-5.530	-3.229	-0.534	1.947	3.634	4.150	3.468	1.842	-0.087	-1.682
971	9.70	-2.430	-2.135	-0.965	0.621	2.038	2.772	2.520	1.267	-0.740	-3.062
981	9.80	-5.175	-6.573	-6.882	-5.945	-3.896	-1.170	1.558	3.545	4.201	3.305
991	9.90	1.123	-1.642	-4.074	-5.373	-5.154	-3.610	-1.435	0.445	1.242	0.620

Table 7-73-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-1.176	-3.435	-5.269	-5.965	-5.250	-3.364	-0.933	1.290	2.701	3.025
1011	10.10	2.366	1.106	-0.252	-1.249	-1.574	-1.113	0.067	1.758	3.652	5.402
1021	10.20	6.687	7.280	7.116	6.312	5.163	3.948	3.028	2.553	2.526	2.823
1031	10.30	3.263	3.689	4.005	4.163	4.129	3.847	3.259	2.353	1.221	0.078
1041	10.40	-0.803	-1.212	-1.132	-0.800	-0.642	-1.095	-2.583	-4.367	-6.537	-8.194
1051	10.50	-8.728	-7.897	-5.943	-3.516	-1.405	-0.215	-0.133	-0.882	-1.884	-2.551
1061	10.60	-2.546	-1.912	-1.004	-0.275	-0.035	-0.300	-0.803	-1.152	-1.029	-0.351
1071	10.70	0.712	1.836	2.711	3.175	3.258	3.110	2.892	2.670	2.396	1.976
1081	10.80	1.371	0.673	0.099	-0.104	0.212	0.985	1.936	2.652	2.748	2.024
1091	10.90	0.553	-1.337	-3.174	-4.493	-4.983	-4.566	-3.401	-1.821	-0.240	0.951
1101	11.00	1.473	1.221	0.285	-1.066	-2.443	-3.439	-3.743	-3.241	-2.057	-0.534
1111	11.10	0.874	1.736	1.785	1.001	-0.386	-1.963	-3.266	-3.904	-3.689	-2.663
1121	11.20	-1.092	0.619	2.052	2.898	3.057	2.660	2.020	1.506	1.392	1.742
1131	11.30	2.381	2.975	3.192	2.875	2.140	1.338	0.892	1.069	1.814	2.727
1141	11.40	3.224	2.815	1.376	-0.728	-2.746	-3.843	-3.478	-1.668	0.971	3.466
1151	11.50	4.884	4.734	3.165	0.893	-1.127	-2.119	-1.803	-0.480	1.147	2.315
1161	11.60	2.540	1.787	0.423	-1.013	-2.085	-2.650	-2.865	-3.042	-3.433	-4.078
1171	11.70	-4.781	-5.222	-5.140	-4.461	-3.336	-2.039	-0.824	0.204	1.106	2.032
1181	11.80	3.084	4.203	5.161	5.659	5.477	4.610	3.305	1.971	1.014	0.673
1191	11.90	0.923	1.506	2.055	2.252	1.948	1.186	0.146	-0.948	-1.917	-2.645
1201	12.00	-3.052	-3.061	-2.585	-1.587	-0.164	1.392	2.611	2.983	2.167	0.192
1211	12.10	-2.465	-4.979	-6.455	-6.279	-4.398	-1.391	1.711	3.809	4.165	2.696
1221	12.20	0.002	-2.887	-4.933	-5.501	-4.582	-2.735	-0.789	0.540	0.944	0.581
1231	12.30	-0.098	-0.652	-0.926	-1.127	-1.681	-2.930	-4.849	-6.939	-8.379	-8.376
1241	12.40	-6.551	-3.180	0.854	4.384	6.410	6.493	4.901	2.466	0.212	-1.055
1251	12.50	-1.024	0.084	1.703	3.218	4.209	4.548	4.334	3.735	2.862	1.741
1261	12.60	0.391	-1.066	-2.341	-3.053	-2.895	-1.826	-0.168	1.458	2.353	2.027
1271	12.70	0.427	-2.008	-4.474	-6.080	-6.137	-4.378	-1.019	3.314	7.759	11.408
1281	12.80	13.485	13.484	11.276	7.168	1.896	-3.691	-7.860	-10.286	-10.339	-8.220
1291	12.90	-4.701	-0.850	2.343	4.293	4.960	4.749	4.224	3.790	3.507	3.117
1301	13.00	2.252	0.715	-1.349	-3.480	-5.119	-5.894	-5.815	-5.258	-4.750	-4.658
1311	13.10	-4.973	-5.295	-5.063	-3.895	-1.858	0.488	2.305	2.878	1.977	0.008
1321	13.20	-2.133	-3.453	-3.299	-1.647	0.902	3.411	5.032	5.375	4.639	3.475
1331	13.30	2.653	2.689	3.628	5.038	6.222	6.526	5.603	3.543	0.821	-1.883
1341	13.40	-3.902	-4.775	-4.341	-2.744	-0.360	2.311	4.767	6.595	7.543	7.533
1351	13.50	6.643	5.058	3.013	0.757	-1.455	-3.359	-4.688	-5.224	-4.877	-3.779
1361	13.60	-2.315	-1.055	-0.570	-1.197	-2.857	-5.020	-6.871	-7.617	-6.821	-4.596
1371	13.70	-1.572	1.367	3.448	4.312	4.103	3.305	2.439	1.757	1.134	0.191
1381	13.80	-1.402	-3.623	-5.968	-7.596	-7.682	-5.822	-2.275	2.078	6.061	8.662
1391	13.90	9.419	8.555	6.828	5.164	4.268	4.372	5.207	6.195	6.724	6.359
1401	14.00	5.161	3.270	1.186	-0.588	-1.645	-1.777	-1.062	0.224	1.462	2.036
1411	14.10	1.442	-0.466	-3.356	-6.469	-8.877	-9.853	-9.192	-7.328	-5.157	-3.627
1421	14.20	-3.292	-4.048	-5.197	-5.834	-5.353	-3.817	-1.977	-0.911	-1.454	-3.710
1431	14.30	-6.904	-9.690	-10.752	-9.428	-6.030	-1.697	2.132	4.376	4.763	3.869
1441	14.40	2.753	2.396	3.240	5.062	7.188	8.907	9.829	9.982	9.646	9.057
1451	14.50	8.197	6.832	4.774	2.180	-0.323	-1.838	-1.658	0.267	3.133	5.533
1461	14.60	6.097	4.201	0.392	-3.752	-6.303	-5.911	-2.516	2.510	6.912	8.531
1471	14.70	6.268	0.575	-6.753	-13.365	-17.332	-17.862	-15.440	-11.407	-7.244	-3.950
1481	14.80	-1.800	-0.529	0.243	0.655	0.538	-0.351	-1.975	-3.808	-4.961	-4.600
1491	14.90	-2.435	1.014	4.565	6.903	7.212	5.600	3.054	0.967	0.450	1.820

Table 7-73-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	4.506	7.413	9.528	10.413	10.323	9.892	9.601	9.367	8.517	6.196
1511	15.10	1.977	-3.684	-9.460	-13.665	-15.051	-13.453	-9.937	-6.318	-4.293	-4.590
1521	15.20	-6.612	-8.736	-9.140	-6.740	-1.754	4.381	9.682	12.535	12.378	9.834
1531	15.30	6.267	3.033	0.843	-0.436	-1.690	-2.978	-5.033	-7.130	-8.393	-8.129
1541	15.40	-6.273	-3.466	-0.719	1.144	1.923	2.113	2.548	3.834	5.910	8.013
1551	15.50	9.084	8.394	6.037	2.970	0.558	-0.155	0.958	2.993	4.481	4.204
1561	15.60	1.925	-1.389	-4.010	-4.360	-1.937	2.265	6.090	7.197	6.216	-2.480
1571	15.70	-10.804	-17.787	-20.840	-18.863	-12.675	-4.592	2.631	6.974	7.899	6.354
1581	15.80	4.108	2.772	3.026	4.398	5.651	5.536	3.478	-0.123	-4.130	-7.247
1591	15.90	-8.650	-6.306	-6.870	-5.230	-3.991	-3.159	-2.213	-0.478	2.391	6.107
1601	16.00	9.788	12.310	12.798	11.006	7.393	2.879	-1.570	-5.327	-8.239	-10.495
1611	16.10	-12.312	-13.641	-14.084	-13.069	-10.205	-5.612	-0.041	5.327	9.305	11.179
1621	16.20	10.984	9.460	7.686	6.579	6.502	7.168	7.884	7.998	7.311	6.214
1631	16.30	5.490	5.844	7.432	9.665	11.286	11.095	8.374	3.404	-2.577	-7.860
1641	16.40	-10.993	-11.425	-9.736	-7.343	-5.797	-6.025	-7.865	-10.151	-11.293	-10.090
1651	16.50	-6.361	-1.098	3.960	7.112	7.473	5.364	2.124	-0.551	-1.426	-0.316
1661	16.60	1.852	3.490	3.118	0.067	-5.188	-11.192	-16.066	-18.187	-16.705	-11.727
1671	16.70	-4.177	4.535	12.865	19.388	22.969	22.912	19.139	12.376	6.201	-3.174
1681	16.80	-7.447	-6.985	-1.521	7.547	17.458	24.964	27.475	24.026	15.632	4.873
1691	16.90	-5.137	-11.953	-14.676	-14.128	-12.297	-11.332	-12.572	-16.021	-20.466	-24.117
1701	17.00	-25.418	-23.642	-19.035	-12.525	-5.231	1.953	8.485	14.029	18.217	20.533
1711	17.10	20.444	17.725	12.753	6.546	0.456	-4.389	-7.594	-9.667	-11.703	-14.691
1721	17.20	-18.806	-23.067	-25.599	-24.450	-18.576	-8.527	3.560	14.703	22.230	24.827
1731	17.30	22.979	18.586	13.970	10.757	9.204	8.282	6.461	2.751	-2.558	-7.872
1741	17.40	-11.014	-10.337	-5.651	1.525	8.540	12.740	12.622	8.434	1.958	-4.392
1751	17.50	-8.688	-10.270	-9.826	-8.781	-8.381	-8.956	-9.777	-9.546	-7.221	-2.741
1761	17.60	2.815	7.670	10.202	9.728	6.816	2.980	-0.205	-1.718	-1.716	-1.243
1771	17.70	-1.566	-3.386	-6.368	-9.258	-10.524	-9.170	-5.300	-0.118	4.635	7.509
1781	17.80	8.016	6.795	5.204	4.575	5.526	7.698	10.042	11.477	11.555	10.756
1791	17.90	10.233	11.146	13.913	17.787	21.005	21.457	17.588	9.118	-2.743	-15.659
1801	18.00	-26.952	-34.452	-37.092	-35.047	-29.465	-21.967	-14.142	-7.217	-1.923	1.493
1811	18.10	3.213	3.770	3.948	4.584	6.290	9.144	12.525	15.210	15.785	13.247
1821	18.20	7.538	-0.248	-8.138	-13.965	-16.192	-14.505	-9.906	-4.237	0.630	3.576
1831	18.30	4.606	4.652	4.924	6.147	8.102	9.696	9.544	6.761	1.533	-4.822
1841	18.40	-10.381	-13.471	-13.426	-10.890	-7.489	-5.043	-4.711	-6.469	-9.181	-11.191
1851	18.50	-11.134	-8.568	-4.113	0.914	5.158	7.822	8.909	9.029	8.930	9.045
1861	18.60	9.299	9.281	8.623	7.328	5.836	4.760	4.454	4.689	4.676	3.460
1871	18.70	0.522	-3.768	-8.119	-10.791	-10.388	-6.583	-0.400	6.111	10.700	11.836
1881	18.80	9.320	4.280	-1.407	-5.977	-8.489	-9.054	-8.523	-7.831	-7.387	-6.842
1891	18.90	-5.329	-2.035	3.235	9.805	16.322	21.279	23.584	22.887	19.530	14.231
1901	19.00	7.715	0.558	-6.701	-13.287	-18.029	-19.523	-16.664	-9.310	1.270	12.510
1911	19.10	21.274	24.988	22.668	15.378	5.851	-2.601	-7.420	-7.789	-4.840	-1.013
1921	19.20	1.115	-0.035	-4.447	-10.692	-16.735	-20.906	-22.567	-22.161	-20.708	-19.074
1931	19.30	-17.444	-15.288	-11.824	-6.671	-0.313	5.947	10.531	12.372	11.512	9.167
1941	19.40	7.198	7.205	9.713	13.834	17.603	18.839	16.120	9.424	0.151	-9.466
1951	19.50	-17.247	-21.835	-23.014	-21.491	-18.335	-14.400	-10.049	-5.282	-0.128	4.975
1961	19.60	9.099	11.133	10.344	6.884	1.939	-2.622	-4.975	-4.122	-0.345	4.902
1971	19.70	9.627	12.190	12.014	9.806	7.170	5.827	6.796	9.936	14.052	17.480
1981	19.80	18.875	17.783	14.754	10.952	7.483	4.796	2.465	-0.530	-5.173	-11.741
1991	19.90	-19.445	-26.580	-31.127	-31.571	-27.544	-20.043	-11.102	-3.086	2.109	3.624

Table 7-73-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	1.785	-2.176	-6.655	-10.223	-11.976	-11.617	-9.312	-5.483	-0.642	4.660
2011	20.10	9.811	14.134	16.983	17.931	16.973	14.622	11.813	9.600	8.765	9.507
2021	20.20	11.356	13.366	14.516	14.137	12.174	9.171	5.992	3.416	1.817	1.063
2031	20.30	0.675	0.146	-0.764	-1.908	-2.883	-3.311	-3.127	-2.686	-2.618	-3.492
2041	20.40	-5.460	-8.087	-10.475	-11.649	-11.022	-8.726	-5.617	-2.941	-1.816	-2.755
2051	20.50	-5.467	-9.008	-12.213	-14.179	-14.581	-13.683	-12.076	-10.309	-8.631	-6.973
2061	20.60	-5.155	-3.175	-1.369	-0.320	-0.544	-2.104	-4.402	-6.299	-6.554	-4.399
2071	20.70	0.035	5.675	10.892	14.168	16.742	12.910	9.854	7.070	5.670	5.897
2081	20.80	7.088	8.078	7.847	6.077	3.338	0.819	-0.265	0.718	3.474	6.885
2091	20.90	9.502	10.187	8.610	5.380	1.765	-0.860	-1.576	-0.275	2.341	5.063
2101	21.00	6.661	6.225	3.621	-0.686	-5.715	-10.290	-13.362	-14.290	-12.998	-10.006
2111	21.10	-6.300	-3.054	-1.277	-1.471	-3.435	-6.322	-8.937	-10.196	-9.563	-7.254
2121	21.20	-4.133	-1.302	0.408	0.817	0.452	0.248	1.025	3.016	5.679	7.920
2131	21.30	8.630	7.275	4.247	0.774	-1.586	-1.658	0.781	4.836	8.839	11.048
2141	21.40	10.391	6.935	1.863	-3.099	-5.942	-5.925	-2.985	1.919	7.319	11.764
2151	21.50	14.232	14.293	12.048	7.955	2.664	-3.061	-8.372	-12.390	-14.355	-13.860
2161	21.60	-11.082	-6.858	-2.512	0.548	1.337	-0.318	-3.690	-7.420	-10.060	-10.644
2171	21.70	-9.061	-6.061	-2.898	-0.781	-0.367	-1.517	-3.390	-4.820	-4.788	-2.790
2181	21.80	1.019	5.932	10.955	15.092	17.556	17.860	15.827	11.575	5.519	-1.631
2191	21.90	-8.906	-15.210	-19.547	-21.269	-20.262	-16.963	-12.205	-6.924	-1.873	2.537
2201	22.00	6.217	9.223	11.537	12.956	13.157	11.922	9.404	6.258	3.536	2.340
2211	22.10	3.358	6.494	10.789	14.693	16.617	15.543	11.446	5.330	-1.124	-6.172
2221	22.20	-8.624	-8.211	-5.576	-1.922	1.517	3.929	5.132	5.472	5.492	5.576
2231	22.30	5.725	5.586	4.678	2.707	-0.216	-3.556	-6.552	-8.529	-9.177	-8.667
2241	22.40	-7.553	-6.514	-6.071	-6.388	-7.262	-8.268	-8.996	-9.225	-9.016	-8.615
2251	22.50	-8.297	-8.195	-8.225	-8.117	-7.549	-6.299	-4.352	-1.910	0.676	3.028
2261	22.60	4.837	5.912	6.173	5.610	4.255	2.176	-0.486	-3.493	-6.497	-9.091
2271	22.70	-10.886	-11.598	-11.118	-9.517	-7.009	-3.884	-0.448	3.020	6.282	9.137
2281	22.80	11.431	13.077	14.068	14.480	14.433	14.020	13.237	11.956	9.966	7.098
2291	22.90	3.370	-0.903	-5.115	-8.511	-10.431	-10.560	-9.082	-6.647	-4.151	-2.404
2301	23.00	-1.823	-2.272	-3.134	-3.585	-2.947	-0.983	2.004	5.311	8.140	9.930
2311	23.10	10.576	10.429	10.084	10.074	10.599	11.425	12.001	11.724	10.232	7.589
2321	23.20	4.230	1.012	-1.564	-3.106	-3.688	-3.732	-3.804	-4.378	-5.663	-7.552
2331	23.30	-9.701	-11.675	-13.090	-13.711	-13.468	-12.427	-10.742	-8.621	-6.299	-4.019
2341	23.40	-2.009	-0.436	0.625	1.201	1.385	1.282	0.950	0.384	-0.449	-1.538
2351	23.50	-2.762	-3.875	-4.574	-4.605	-3.885	-2.542	-0.863	0.835	2.359	3.717
2361	23.60	5.088	6.677	8.542	10.473	12.022	12.663	12.034	10.128	7.344	4.349
2371	23.70	1.814	0.139	-0.694	-1.082	-1.583	-2.637	-4.356	-6.481	-8.528	-10.024
2381	23.80	-10.718	-10.658	-10.084	-9.236	-8.159	-6.649	-4.371	-1.085	3.128	7.786
2391	23.90	12.128	15.394	17.135	17.395	16.667	15.628	14.779	14.169	13.339	11.538
2401	24.00	8.104	2.854	-3.724	-10.356	-16.332	-19.964	-20.954	-19.518	-16.437	-12.702
2411	24.10	-9.135	-6.153	-3.748	-1.673	0.299	2.177	3.720	4.579	4.507	3.538
2421	24.20	2.011	0.443	-0.695	-1.178	-1.106	-0.830	-0.761	-1.175	-2.094	-3.314
2431	24.30	-4.520	-5.443	-5.948	-6.033	-5.750	-5.109	-4.050	-2.490	-0.428	1.966
2441	24.40	4.344	6.279	7.429	7.674	7.167	6.246	5.278	4.503	3.964	3.568
2451	24.50	3.211	2.893	2.736	2.877	3.297	3.710	3.603	2.447	0.005	-3.438
2461	24.60	-7.054	-9.722	-10.470	-8.903	-5.417	-1.065	2.868	5.409	6.291	6.015
2471	24.70	5.542	5.777	7.093	9.139	11.024	11.778	10.859	8.439	5.332	2.599
2481	24.80	1.038	0.821	1.465	2.031	1.778	0.370	-1.910	-4.363	-6.276	-7.291
2491	24.90	-7.568	-7.642	-8.083	-9.131	-10.530	-11.633	-11.743	-10.487	-8.043	-5.092

Table 7-73-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-2.530	-1.073	-0.975	-1.965	-5.436	-4.758	-5.547	-5.763	-5.611	-5.317
2511	25.10	-4.935	-4.301	-3.153	-1.356	0.927	3.202	4.814	5.228	4.288	2.316
2521	25.20	0.005	-1.863	-2.733	-2.481	-1.424	-0.133	0.852	1.259	1.184	0.996
2531	25.30	1.128	1.838	3.077	4.503	5.634	6.059	5.620	4.467	2.988	1.642
2541	25.40	0.773	0.482	0.610	0.830	0.802	0.337	-0.516	-1.461	-2.061	-1.891
2551	25.50	-0.691	1.525	4.465	7.629	10.445	12.423	13.259	12.883	11.441	9.224
2561	25.60	6.592	3.910	1.503	-0.369	-1.537	-1.953	-1.718	-1.094	-0.464	-0.241
2571	25.70	-0.748	-2.096	-4.132	-6.457	-8.547	-9.909	-10.237	-9.495	-7.903	-5.853
2581	25.80	-3.776	-2.035	-0.870	-0.398	-0.644	-1.568	-3.059	-4.902	-6.755	-8.172
2591	25.90	-8.693	-7.990	-6.014	-3.067	0.242	3.171	5.090	5.703	5.159	4.001
2601	26.00	2.954	2.652	3.397	5.061	7.158	9.063	10.264	10.553	10.060	9.137
2611	26.10	8.148	7.265	6.383	5.184	3.328	0.668	-2.600	-5.948	-8.678	-10.166
2621	26.20	-10.090	-8.543	-5.981	-3.052	-0.377	1.610	2.724	2.979	2.493	1.408
2631	26.30	-0.114	-1.853	-3.481	-4.588	-4.791	-3.915	-2.138	-0.029	1.605	2.006
2641	26.40	0.793	-1.823	-5.049	-7.764	-8.927	-7.974	-5.045	-0.930	3.223	6.325
2651	26.50	7.709	7.299	5.545	3.184	0.949	-0.646	-1.376	-1.259	-0.441	0.879
2661	26.60	2.467	4.021	5.162	5.485	4.696	2.765	0.016	-2.915	-5.278	-6.476
2671	26.70	-6.293	-4.977	-3.132	-1.455	-0.457	-0.280	-0.697	-1.278	-1.643	-1.657
2681	26.80	-1.484	-1.478	-1.981	-3.124	-4.745	-6.453	-7.790	-8.419	-8.226	-7.317
2691	26.90	-5.915	-4.233	-2.396	-0.450	1.560	3.511	5.175	6.282	6.642	6.270
2701	27.00	5.434	4.588	4.217	4.649	5.921	7.753	9.658	11.106	11.713	11.346
2711	27.10	10.135	8.399	6.518	4.820	3.509	2.646	2.175	1.967	1.865	1.729
2721	27.20	1.465	1.058	0.584	0.192	0.051	0.276	0.845	1.560	2.081	2.025
2731	27.30	1.112	-0.699	-3.159	-5.773	-7.959	-9.243	-9.435	-8.692	-7.453	-6.263
2741	27.40	-5.559	-5.496	-5.902	-6.360	-6.399	-5.696	-4.217	-2.231	-0.205	1.381
2751	27.50	2.203	2.194	1.518	0.471	-0.666	-1.718	-2.631	-3.404	-3.984	-4.206
2761	27.60	-3.821	-2.611	-0.550	2.086	4.710	6.596	7.110	5.984	3.461	0.266
2771	27.70	-2.623	-4.309	-4.307	-2.721	-0.212	2.236	3.675	3.527	1.774	-1.042
2781	27.80	-4.024	-6.218	-6.920	-5.874	-3.319	0.109	3.582	6.318	7.773	7.766
2791	27.90	6.488	4.426	2.209	0.431	-0.521	-0.561	0.082	0.964	1.590	1.599
2801	28.00	0.901	-0.296	-1.571	-2.466	-2.677	-2.181	-1.243	-0.304	0.211	0.075
2811	28.10	-0.650	-1.648	-2.495	-2.861	-2.659	-2.091	-1.561	-1.490	-2.114	-3.358
2821	28.20	-4.835	-5.977	-6.252	-5.375	-3.438	-0.898	1.558	3.240	3.675	2.760
2831	28.30	0.786	-1.664	-3.904	-5.356	-5.713	-4.999	-3.527	-1.755	-0.123	1.093
2841	28.40	1.848	2.297	2.697	3.274	4.109	5.105	6.025	6.593	6.612	6.044
2851	28.50	5.018	3.768	2.534	1.472	0.623	-0.051	-0.581	-0.909	-0.862	-0.206
2861	28.60	1.234	3.439	6.123	8.766	10.759	11.602	11.090	9.382	6.933	4.314
2871	28.70	2.001	0.221	-1.067	-2.061	-2.938	-3.713	-4.210	-4.174	-3.454	-2.175
2881	28.80	-0.770	0.150	0.053	-1.244	-3.441	-5.822	-7.532	-7.927	-6.859	-4.744
2891	28.90	-2.377	-0.586	0.135	-0.174	-0.990	-1.590	-1.415	-0.349	1.228	2.640
2901	29.00	3.255	2.810	1.539	0.057	-0.903	-0.925	-0.030	1.308	2.401	2.684
2911	29.10	1.969	0.508	-1.165	-2.520	-3.290	-3.575	-3.742	-4.191	-5.101	-6.313
2921	29.20	-7.396	-7.870	-7.456	-6.243	-4.653	-3.258	-2.508	-2.533	-3.090	-3.692
2931	29.30	-3.837	-3.222	-1.855	-0.006	1.921	3.582	4.787	5.516	5.847	5.871
2941	29.40	5.652	5.251	4.782	4.452	4.524	5.218	6.578	8.393	10.232	11.588
2951	29.50	12.082	11.628	10.476	9.099	7.981	7.398	7.300	7.365	7.077	6.144
2961	29.60	4.465	2.263	-0.065	-2.037	-3.465	-4.326	-4.824	-5.228	-5.733	-6.373
2971	29.70	-7.036	-7.556	-7.822	-7.846	-7.754	-7.714	-7.868	-8.170	-8.592	-8.979
2981	29.80	-9.215	-9.254	-9.116	-8.849	-8.489	-8.036	-7.469	-6.796	-6.077	-5.419
2991	29.90	-4.937	-4.678	-4.577	-4.453	-4.070	-3.234	-1.881	-0.122	1.779	3.487

Table 7-73-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	4.697	5.219	5.027	4.248	3.134	1.998	1.162	0.897	1.369	2.591
3011	30.10	4.593	6.439	8.290	9.518	9.831	9.157	7.676	5.750	3.813	2.233
3021	30.20	1.223	0.817	0.902	1.300	1.822	2.312	2.651	2.756	2.596	2.215
3031	30.30	1.763	1.474	1.597	2.285	3.481	4.889	6.044	6.495	6.003	4.683
3041	30.40	2.989	1.538	0.840	1.053	1.893	2.747	2.956	2.120	0.307	-1.977
3051	30.50	-4.013	-5.213	-5.396	-4.864	-4.250	-4.194	-5.024	-6.594	-8.361	-9.658
3061	30.60	-10.028	-9.447	-8.324	-7.283	-6.833	-7.108	-7.786	-8.247	-7.874	-6.359
3071	30.70	-3.856	-0.921	1.729	3.512	4.202	3.969	3.257	2.567	2.251	2.424
3081	30.80	2.989	3.742	4.483	5.065	5.387	5.354	4.868	3.874	2.434	0.789
3091	30.90	-0.670	-1.527	-1.521	-0.699	0.559	1.662	2.062	1.504	0.166	-1.399
3101	31.00	-2.493	-2.589	-1.563	0.244	2.190	3.624	4.180	3.918	3.259	2.749
3111	31.10	2.767	3.333	4.104	4.561	4.281	3.159	1.476	-0.231	-1.419	-1.785
3121	31.20	-1.396	-0.627	0.030	0.207	-0.177	-0.907	-1.609	-1.947	-1.795	-1.280
3131	31.30	-2.699	-0.354	-0.398	-0.772	-1.259	-1.614	-1.699	-1.552	-1.346	-1.276
3141	31.40	-1.430	-1.729	-1.970	-1.941	-1.569	-0.987	-0.508	-0.483	-1.121	-2.356
3151	31.50	-3.836	-5.049	-5.528	-5.063	-3.803	-2.206	-0.848	-0.183	-0.348	-1.105
3161	31.60	-1.965	-2.318	-1.860	-0.550	1.291	3.149	4.527	5.140	4.997	4.342
3171	31.70	3.505	2.742	2.128	1.582	0.960	0.193	-0.647	-1.360	-1.733	-1.669
3181	31.80	-1.267	-0.792	-0.549	-0.720	-1.250	-1.852	-2.133	-1.792	-0.772	0.685
3191	31.90	2.145	3.170	3.519	3.237	2.620	2.044	1.778	1.870	2.152	2.377
3201	32.00	2.387	2.219	2.088	2.253	2.832	3.695	4.478	4.741	4.190	2.837
3211	32.10	1.028	-0.706	-1.880	-2.272	-2.004	-1.462	-1.085	-1.147	-1.643	-2.320
3221	32.20	-2.847	-3.008	-2.814	-2.487	-2.305	-2.430	-2.799	-3.156	-3.201	-2.787
3231	32.30	-2.029	-1.280	-0.961	-1.344	-2.388	-3.735	-4.860	-5.311	-4.923	-3.891
3241	32.40	-2.676	-1.791	-1.565	-2.005	-2.811	-3.523	-3.720	-3.185	-1.956	-0.268
3251	32.50	1.568	3.283	4.708	5.773	6.460	6.770	6.719	6.364	5.823	5.268
3261	32.60	4.870	4.718	4.768	4.840	4.690	4.120	3.068	1.652	0.120	-1.238
3271	32.70	-2.199	-2.661	-2.642	-2.223	-1.487	-0.484	0.748	2.141	3.558	4.802
3281	32.80	5.666	6.015	5.846	5.279	4.499	3.659	2.604	1.868	0.734	-0.650
3291	32.90	-2.197	-3.663	-4.727	-5.126	-4.776	-3.822	-2.585	-1.432	-0.630	-0.261
3301	33.00	-0.228	-0.354	-0.503	-0.662	-0.946	-1.511	-2.442	-3.667	-4.960	-6.021
3311	33.10	-6.602	-6.612	-6.140	-5.401	-4.622	-3.945	-3.385	-2.872	-2.330	-1.762
3321	33.20	-1.265	-0.976	-0.978	-1.213	-1.477	-1.488	-1.021	-0.030	1.304	2.629
3331	33.30	3.573	3.909	3.620	2.978	2.344	2.047	2.231	2.809	3.523	4.078
3341	33.40	4.271	4.073	3.603	3.036	2.499	2.002	1.460	0.766	-0.107	-1.060
3351	33.50	-1.890	-2.385	-2.437	-2.111	-1.628	-1.268	-1.233	-1.547	-2.038	-2.409
3361	33.60	-2.379	-1.806	-0.748	0.574	1.881	2.964	3.756	4.326	4.807	5.288
3371	33.70	5.748	6.066	6.089	5.736	5.068	4.285	3.637	3.312	3.328	3.518
3381	33.80	3.592	3.269	2.404	1.055	-0.544	-2.082	-3.306	-4.109	-4.549	-4.790
3391	33.90	-4.997	-5.257	-5.554	-5.809	-5.966	-6.052	-6.184	-6.513	-7.117	-7.927
3401	34.00	-8.708	-9.140	-8.958	-8.090	-6.725	-5.274	-4.220	-3.924	-4.471	-5.613
3411	34.10	-6.849	-7.606	-7.444	-6.205	-4.051	-1.379	1.333	3.691	5.479	6.671
3421	34.20	7.366	7.687	7.718	7.487	7.008	6.331	5.580	4.931	4.548	4.510
3431	34.30	4.763	5.132	5.390	5.346	4.915	4.141	3.152	2.100	1.097	0.193
3441	34.40	-0.595	-1.238	-1.667	-1.782	-1.510	-0.868	0.000	0.850	1.430	1.589
3451	34.50	1.361	0.956	0.668	0.735	1.211	1.927	2.563	2.801	2.484	1.707
3461	34.60	0.784	0.106	-0.043	0.373	1.119	1.799	2.032	1.634	0.693	-0.474
3471	34.70	-1.471	-1.995	-1.953	-1.471	-0.801	-0.184	0.254	0.535	0.762	1.024
3481	34.80	1.311	1.507	1.456	1.060	0.362	-0.454	-1.138	-1.491	-1.471	-1.214
3491	34.90	-0.972	-0.985	-1.360	-2.011	-2.695	-3.128	-3.115	-2.642	-1.879	-1.105

Table 7-73-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.580	-0.440	-0.650	-1.035	-1.371	-1.476	-1.275	-0.812	-0.205	0.410
3511	35.10	0.928	1.293	1.489	1.528	1.430	1.226	0.974	0.757	0.676	0.816
3521	35.20	1.211	1.823	2.542	3.220	3.720	3.962	3.937	3.701	3.341	2.936
3531	35.30	2.534	2.139	1.726	1.247	0.650	-0.123	-1.126	-2.393	-3.917	-5.619
3541	35.40	-7.337	-8.842	-9.889	-10.290	-9.984	-9.068	-7.770	-6.380	-5.150	-4.217
3551	35.50	-3.578	-3.122	-2.706	-2.237	-1.711	-1.192	-0.757	-0.415	-0.080	0.409
3561	35.60	1.197	2.320	3.639	4.858	5.632	5.714	5.079	3.969	2.825	2.118
3571	35.70	2.174	3.033	4.442	5.955	7.114	7.623	7.444	6.775	5.936	5.211
3581	35.80	4.728	4.426	4.114	3.579	2.694	1.465	0.011	-1.504	-2.954	-4.288
3591	35.90	-5.514	-6.653	-7.682	-8.504	-8.979	-8.971	-8.413	-7.341	-5.884	-4.227
3601	36.00	-2.563	-1.057	0.171	1.060	1.506	1.573	1.307	0.849	0.392	0.134
3611	36.10	0.208	0.624	1.258	1.899	2.336	2.453	2.271	1.941	1.662	1.590
3621	36.20	1.764	2.110	2.487	2.777	2.944	3.039	3.150	3.321	3.502	3.554
3631	36.30	3.320	2.718	1.807	0.779	-0.123	-0.729	-1.028	-1.189	-1.469	-2.077
3641	36.40	-3.042	-4.165	-5.078	-5.401	-4.906	-3.628	-1.862	-0.048	1.404	2.261
3651	36.50	2.533	2.429	2.236	2.183	2.347	2.646	2.900	2.925	2.604	1.923
3661	36.60	0.941	-0.254	-1.575	-2.943	-4.266	-5.407	-6.182	-6.391	-5.892	-4.664
3671	36.70	-2.853	-0.758	1.239	2.775	3.607	3.683	3.154	2.324	1.562	1.197
3681	36.80	1.430	2.273	3.552	4.957	6.127	6.757	6.683	5.929	4.684	3.260
3691	36.90	1.889	0.829	0.116	-0.333	-0.681	-1.085	-1.631	-2.301	-2.999	-3.606
3701	37.00	-4.048	-4.329	-4.526	-4.748	-5.076	-5.522	-6.019	-6.454	-6.715	-6.734
3711	37.10	-6.514	-6.112	-5.607	-5.056	-4.475	-3.833	-3.077	-2.169	-1.115	0.025
3721	37.20	1.143	2.112	2.822	3.211	3.283	3.114	2.828	2.569	2.460	2.566
3731	37.30	2.865	3.255	3.573	3.640	3.319	2.558	1.416	0.054	-1.300	-2.410
3741	37.40	-3.083	-3.220	-2.827	-2.015	-0.962	0.124	1.056	1.703	2.009	2.002
3751	37.50	1.768	1.428	1.095	0.852	0.731	0.723	0.799	0.927	1.101	1.331
3761	37.60	1.640	2.034	2.492	2.960	3.369	3.665	3.836	3.914	3.966	4.061
3771	37.70	4.229	4.446	4.632	4.683	4.505	4.052	3.330	2.395	1.317	0.164
3781	37.80	-1.013	-2.174	-3.268	-4.232	-4.997	-5.519	-5.812	-5.960	-6.105	-6.385
3791	37.90	-6.866	-7.488	-8.059	-8.306	-7.983	-6.975	-5.368	-3.443	-1.585	-0.152
3801	38.00	0.653	0.846	0.640	0.342	0.222	0.405	0.844	1.364	1.776	1.971
3811	38.10	1.977	1.931	1.991	2.241	2.632	3.004	3.170	3.027	2.627	2.176
3821	38.20	1.946	2.139	2.779	3.671	4.474	4.837	4.553	3.654	2.399	1.167
3831	38.30	0.297	-0.065	0.077	0.430	0.731	0.785	0.567	0.210	-0.088	-0.180
3841	38.40	-0.060	0.127	0.161	-0.138	-0.804	-1.692	-2.524	-3.002	-2.931	-2.299
3851	38.50	-1.276	-0.146	0.806	1.393	1.565	1.401	1.042	0.619	0.215	-0.147
3861	38.60	-0.474	-0.763	-0.934	-1.081	-1.013	-0.775	-0.427	-0.072	0.174	0.230
3871	38.70	0.075	-0.249	-0.658	-1.064	-1.406	-1.659	-1.829	-1.939	-2.010	-2.058
3881	38.80	-2.098	-2.149	-2.232	-2.357	-2.508	-2.633	-2.650	-2.475	-2.064	-1.442
3891	38.90	-0.708	-0.007	0.515	0.772	0.763	0.572	0.323	0.126	0.028	0.005
3901	39.00	-0.015	-0.094	-0.236	-0.362	-0.337	-0.027	0.629	1.571	2.614	3.505
3911	39.10	4.006	3.978	3.441	2.562	1.599	0.804	0.338	0.211	0.291	0.361
3921	39.20	0.213	-0.272	-1.068	-2.016	-2.874	-3.412	-3.490	-3.109	-2.402	-1.576
3931	39.30	-0.837	-0.311	-0.012	0.142	0.269	0.459	0.720	0.979	1.121	1.060
3941	39.40	0.791	0.408	0.070	-0.069	0.070	0.452	0.944	1.376	1.618	1.636
3951	39.50	1.495	1.323	1.234	1.279	1.423	1.576	1.653	1.621	1.525	1.453
3961	39.60	1.486	1.646	1.876	2.069	2.128	2.017	1.786	1.547	1.415	1.448
3971	39.70	1.619	1.835	1.984	2.000	1.890	1.723	1.584	1.524	1.525	1.519
3981	39.80	1.426	1.199	0.843	0.399	-0.101	-0.673	-1.382	-2.304	-3.455	-4.740
3991	39.90	-5.955	-6.844	-7.206	-6.989	-6.328	-5.496	-4.789	-4.395	-4.311	-4.356

Table 7-73-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-4.259	-3.799	-2.919	-1.753	-0.564	0.384	0.952	1.186	1.288	1.508
4011	40.10	2.017	2.817	3.733	4.495	4.854	4.694	4.080	3.225	2.404	1.845
4021	40.20	1.655	1.801	2.141	2.503	2.742	2.794	2.673	2.447	2.200	1.985
4031	40.30	1.808	1.620	1.332	0.849	0.100	-0.927	-2.173	-3.511	-4.777	-5.813
4041	40.40	-6.514	-6.852	-6.881	-6.705	-6.437	-6.154	-5.880	-5.594	-5.250	-4.814
4051	40.50	-4.279	-3.669	-3.020	-2.368	-1.737	-1.146	-0.622	-0.198	0.093	0.248
4061	40.60	0.314	0.395	0.626	1.118	1.894	2.861	3.816	4.514	4.753	4.462
4071	40.70	3.731	2.784	1.897	1.298	1.092	1.237	1.587	1.960	2.219	2.309
4081	40.80	2.254	2.120	1.964	1.805	1.624	1.395	1.114	0.817	0.570	0.433
4091	40.90	0.429	0.529	0.661	0.752	0.761	0.699	0.625	0.607	0.681	0.834
4101	41.00	1.001	1.107	1.105	1.007	0.886	0.835	0.927	1.170	1.497	1.795
4111	41.10	1.952	1.913	1.703	1.423	1.207	1.162	1.330	1.664	2.054	2.363
4121	41.20	2.481	2.355	2.001	1.486	0.906	0.366	-0.132	-0.497	-0.750	-0.911
4131	41.30	-1.008	-1.070	-1.119	-1.164	-1.203	-1.222	-1.212	-1.178	-1.145	-1.155
4141	41.40	-1.250	-1.440	-1.689	-1.907	-1.977	-1.804	-1.361	-0.719	-0.036	0.498
4151	41.50	0.730	0.615	0.237	-0.222	-0.562	-0.648	-0.474	-0.159	0.105	0.151
4161	41.60	-0.086	-0.538	-1.036	-1.392	-1.482	-1.301	-0.954	-0.589	-0.320	-0.169
4171	41.70	-0.064	0.108	0.421	0.850	1.259	1.457	1.284	0.691	-0.230	-1.278
4181	41.80	-2.227	-2.917	-3.304	-3.459	-3.504	-3.531	-3.548	-3.478	-3.208	-2.661
4191	41.90	-1.867	-0.964	-0.159	0.355	0.478	0.242	-0.208	-0.674	-0.990	-1.073
4201	42.00	-0.950	-0.721	-0.511	-0.413	-0.459	-0.618	-0.820	-0.987	-1.061	-1.012
4211	42.10	-0.850	-0.610	-0.348	-0.126	0.004	0.019	-0.055	-0.140	-0.125	0.100
4221	42.20	0.599	1.347	2.230	3.066	3.664	3.888	3.701	3.170	2.440	1.673
4231	42.30	1.003	0.499	0.172	-0.003	-0.054	0.007	0.183	0.474	0.859	1.290
4241	42.40	1.704	2.045	2.285	2.434	2.520	2.571	2.590	2.545	2.385	2.062
4251	42.50	1.554	0.875	0.065	-0.826	-1.748	-2.653	-3.481	-4.144	-4.527	-4.517
4261	42.60	-4.043	-3.127	-1.896	-0.569	0.613	1.464	1.916	2.032	1.975	1.921
4271	42.70	1.989	2.188	2.429	2.582	2.545	2.297	1.904	1.478	1.110	0.818
4281	42.80	0.542	0.178	-0.349	-1.032	-1.757	-2.346	-2.626	-2.511	-2.043	-1.380
4291	42.90	-0.740	-0.314	-0.201	-0.384	-0.753	-1.159	-1.475	-1.627	-1.600	-1.419
4301	43.00	-1.116	-0.723	-0.276	0.173	0.548	0.756	0.721	0.424	-0.077	-0.668
4311	43.10	-1.119	-1.340	-1.233	-0.822	-0.219	0.415	0.923	1.201	1.216	1.004
4321	43.20	0.645	0.240	-0.114	-0.335	-0.365	-0.176	0.211	0.727	1.257	1.660
4331	43.30	1.814	1.653	1.201	0.563	-0.100	-0.630	-0.924	-0.972	-0.866	-0.672
4341	43.40	-0.574	-0.626	-0.833	-1.136	-1.447	-1.685	-1.805	-1.804	-1.706	-1.542
4351	43.50	-1.333	-1.087	-0.809	-0.514	-0.239	-0.026	0.089	0.109	0.080	0.088
4361	43.60	0.227	0.560	1.084	1.718	2.328	2.766	2.929	2.796	2.442	2.011
4371	43.70	1.665	1.528	1.641	1.953	2.347	2.680	2.842	2.788	2.548	2.204
4381	43.80	1.859	1.593	1.444	1.401	1.414	1.419	1.347	1.143	0.767	0.193
4391	43.90	-0.578	-1.517	-2.552	-3.575	-4.457	-5.081	-5.374	-5.337	-5.044	-4.624
4401	44.00	-4.215	-3.917	-3.760	-3.705	-3.663	-3.539	-3.275	-2.868	-2.366	-1.839
4411	44.10	-1.347	-0.914	-0.529	-0.162	0.203	0.550	0.826	0.965	0.917	0.685
4421	44.20	0.335	-0.014	-0.230	-0.206	0.102	0.663	1.384	2.136	2.796	3.276
4431	44.30	3.536	3.584	3.473	3.279	3.093	2.999	3.056	3.278	3.619	3.961
4441	44.40	4.144	4.000	3.415	2.379	1.012	-0.459	-1.764	-2.676	-3.092	-3.073
4451	44.50	-2.814	-2.571	-2.549	-2.817	-3.274	-3.695	-3.821	-3.475	-2.645	-1.498
4461	44.60	-0.316	0.608	1.085	1.090	0.766	0.345	0.051	0.009	0.205	0.515
4471	44.70	0.771	0.865	0.703	0.410	0.091	-0.128	-0.174	-0.051	0.184	0.455
4481	44.80	0.713	0.957	1.228	1.576	2.027	2.553	3.077	3.486	3.668	3.545
4491	44.90	3.099	2.375	1.472	0.521	-0.343	-1.013	-1.437	-1.622	-1.637	-1.579

Table 7-73-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-1.538	-1.564	-1.644	-1.714	-1.690	-1.521	-1.224	-0.888	-0.648	-0.620
4511	45.10	-0.840	-1.234	-1.631	-1.825	-1.661	-1.107	-0.268	0.643	1.393	1.818
4521	45.20	1.890	1.717	1.487	1.384	1.499	1.796	2.128	2.308	2.193	1.755
4531	45.30	1.095	0.408	-0.095	-0.260	-0.053	0.434	1.024	1.514	1.752	1.678
4541	45.40	1.339	0.859	0.391	0.061	-0.076	-0.047	0.053	0.099	-0.017	-0.344
4551	45.50	-0.862	-1.484	-2.088	-2.558	-2.821	-2.869	-2.757	-2.578	-2.433	-2.392
4561	45.60	-2.479	-2.657	-2.852	-2.967	-2.926	-2.688	-2.272	-1.751	-1.232	-0.831
4571	45.70	-0.634	-0.672	-0.910	-1.255	-1.590	-1.810	-1.856	-1.730	-1.488	-1.206
4581	45.80	-0.950	-0.748	-0.590	-0.444	-0.286	-0.117	0.033	0.124	0.142	0.117
4591	45.90	0.121	0.243	0.541	1.001	1.530	1.982	2.209	2.130	1.761	1.219
4601	46.00	0.670	0.265	0.081	0.093	0.198	0.264	0.193	-0.036	-0.356	-0.648
4611	46.10	-0.793	-0.714	-0.411	0.047	0.548	0.979	1.261	1.373	1.349	1.269
4621	46.20	1.231	1.326	1.603	2.057	2.619	3.171	3.577	3.723	3.562	3.132
4631	46.30	2.553	1.985	1.576	1.412	1.488	1.718	1.970	2.119	2.090	1.873
4641	46.40	1.514	1.080	0.630	0.193	-0.224	-0.622	-0.989	-1.299	-1.515	-1.611
4651	46.50	-1.593	-1.498	-1.381	-1.297	-1.270	-1.297	-1.350	-1.401	-1.442	-1.489
4661	46.60	-1.569	-1.699	-1.860	-2.001	-2.053	-1.961	-1.719	-1.376	-1.025	-0.764
4671	46.70	-0.654	-0.683	-0.778	-0.823	-0.719	-0.423	0.027	0.523	0.932	1.148
4681	46.80	1.140	0.959	0.726	0.578	0.615	0.859	1.246	1.665	1.914	1.954
4691	46.90	1.742	1.342	0.873	0.466	0.211	0.125	0.160	0.222	0.223	0.117
4701	47.00	-0.086	-0.332	-0.551	-0.701	-0.780	-0.830	-0.906	-1.044	-1.238	-1.434
4711	47.10	-1.555	-1.539	-1.365	-1.067	-0.724	-0.425	-0.239	-0.196	-0.281	-0.454
4721	47.20	-0.671	-0.891	-1.084	-1.220	-1.263	-1.176	-0.936	-0.557	-0.099	0.340
4731	47.30	0.651	0.756	0.643	0.372	0.053	-0.193	-0.286	-0.212	-0.016	0.221
4741	47.40	0.433	0.590	0.707	0.817	0.941	1.058	1.108	1.021	0.754	0.326
4751	47.50	-0.178	-0.640	-0.950	-1.056	-0.985	-0.823	-0.677	-0.623	-0.674	-0.785
4761	47.60	-0.879	-0.893	-0.811	-0.668	-0.527	-0.441	-0.418	-0.416	-0.360	-0.188
4771	47.70	0.117	0.509	0.897	1.181	1.302	1.268	1.147	1.045	1.048	1.193
4781	47.80	1.443	1.711	1.890	1.903	1.730	1.414	1.061	0.706	0.475	0.365
4791	47.90	0.335	0.312	0.212	-0.022	-0.404	-0.893	-1.404	-1.836	-2.098	-2.138
4801	48.00	-1.965	-1.644	-1.275	-0.964	-0.786	-0.758	-0.834	-0.923	-0.922	-0.757
4811	48.10	-0.410	0.082	0.639	1.175	1.632	2.001	2.314	2.625	2.968	3.336
4821	48.20	3.667	3.863	3.824	3.487	2.861	2.035	1.159	0.404	-0.087	-0.243
4831	48.30	-0.092	0.251	0.618	0.860	0.802	0.483	-0.043	-0.631	-1.123	-1.406
4841	48.40	-1.456	-1.341	-1.196	-1.157	-1.307	-1.638	-2.054	-2.415	-2.598	-2.546
4851	48.50	-2.290	-1.925	-1.562	-1.270	-1.050	-0.842	-0.572	-0.203	0.232	0.630
4861	48.60	0.860	0.826	0.514	0.002	-0.568	-1.050	-1.349	-1.452	-1.414	-1.320
4871	48.70	-1.232	-1.164	-1.087	-0.963	-0.783	-0.588	-0.453	-0.449	-0.595	-0.834
4881	48.80	-1.052	-1.123	-0.973	-0.617	-0.158	0.254	0.490	0.504	0.344	0.135
4891	48.90	0.017	0.087	0.361	0.773	1.216	1.582	1.805	1.867	1.788	1.605
4901	49.00	1.350	1.059	0.773	0.548	0.449	0.521	0.758	1.080	1.347	1.404
4911	49.10	1.140	0.546	-0.271	-1.116	-1.782	-2.124	-2.116	-1.857	-1.520	-1.276
4921	49.20	-1.219	-1.334	-1.509	-1.595	-1.480	-1.136	-0.640	-0.132	0.242	0.390
4931	49.30	0.311	0.089	-0.144	-0.264	-0.199	0.051	0.416	0.796	1.094	1.252
4941	49.40	1.264	1.173	1.047	0.958	0.953	1.047	1.219	1.423	1.600	1.699
4951	49.50	1.686	1.552	1.311	0.996	0.647	0.304	-0.002	-0.255	-0.451	-0.599
4961	49.60	-0.712	-0.799	-0.859	-0.876	-0.821	-0.658	-0.363	0.068	0.599	1.160
4971	49.70	-1.653	1.975	2.053	1.864	1.448	0.903	0.359	-0.061	-0.271	-0.248
4981	49.80	-0.038	0.264	0.537	0.677	0.618	0.355	-0.060	-0.531	-0.948	-1.215
4991	49.90	-1.279	-1.144	-0.873	-0.568	-0.341	-0.278	-0.417	-0.733	-1.153	-1.585

Table 7-73-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.949	-2.210	-2.379	-2.500	-2.618	-2.748	-2.861	-2.887	-2.750	-2.403
5011	50.10	-1.864	-1.214	-0.575	-0.063	0.254	0.392	0.435	0.510	0.723	1.123
5021	50.20	1.673	2.270	2.780	3.091	3.146	2.962	2.610	2.185	1.777	1.446
5031	50.30	1.221	1.111	1.111	1.208	1.376	1.573	1.740	1.814	1.752	1.553
5041	50.40	1.282	1.015	0.846	0.819	0.910	1.027	1.043	0.849	0.408	-0.231
5051	50.50	-0.947	-1.595	-2.067	-2.323	-2.399	-2.371	-2.309	-2.238	-2.125	-1.912
5061	50.60	-1.553	-1.055	-0.486	0.050	0.457	0.691	0.775	0.777	0.768	0.774
5071	50.70	0.760	0.651	0.376	-0.076	-0.637	-1.174	-1.545	-1.659	-1.521	-1.228
5081	50.80	-0.921	-0.723	-0.685	-0.770	-0.886	-0.943	-0.900	-0.791	-0.696	-0.695
5091	50.90	-0.620	-1.032	-1.248	-1.387	-1.421	-1.391	-1.387	-1.485	-1.695	-1.935
5101	51.00	-2.055	-1.910	-1.434	-0.691	0.132	0.798	1.113	1.016	0.605	0.106
5111	51.10	-0.224	-0.197	0.233	0.958	1.768	2.439	2.820	2.881	2.706	2.444
5121	51.20	2.236	2.166	2.232	2.371	2.491	2.521	2.432	2.245	2.002	1.747
5131	51.30	1.500	1.250	0.968	0.627	0.214	-0.249	-0.715	-1.119	-1.397	-1.511
5141	51.40	-1.453	-1.260	-0.999	-0.752	-0.596	-0.572	-0.686	-0.897	-1.133	-1.321
5151	51.50	-1.409	-1.387	-1.287	-1.165	-1.079	-1.057	-1.087	-1.120	-1.098	-0.976
5161	51.60	-0.755	-0.487	-0.253	-0.136	-0.177	-0.357	-0.594	-0.775	-0.794	-0.604
5171	51.70	-0.229	0.237	0.667	0.951	1.039	0.959	0.799	0.671	0.664	0.803
5181	51.80	1.044	1.295	1.453	1.447	1.260	0.929	0.523	0.115	-0.241	-0.520
5191	51.90	-0.714	-0.818	-0.824	-0.722	-0.518	-0.243	0.035	0.231	0.272	0.130
5201	52.00	-0.158	-0.496	-0.757	-0.831	-0.667	-0.287	0.221	0.741	1.164	1.424
5211	52.10	1.503	1.426	1.235	0.970	0.668	0.363	0.096	-0.083	-0.128	-0.016
5221	52.20	0.231	0.547	0.836	1.010	1.023	0.897	0.707	0.559	0.535	0.658
5231	52.30	0.878	1.093	1.188	1.089	0.788	0.348	-0.126	-0.527	-0.793	-0.923
5241	52.40	-0.972	-1.026	-1.160	-1.407	-1.744	-2.101	-2.386	-2.515	-2.442	-2.174
5251	52.50	-1.765	-1.299	-0.866	-0.531	-0.321	-0.219	-0.181	-0.154	-0.104	-0.027
5261	52.60	0.051	0.094	0.075	-0.005	-0.112	-0.195	-0.211	-0.146	-0.025	0.106
5271	52.70	0.206	0.272	0.345	0.497	0.798	1.266	1.848	2.427	2.859	3.030
5281	52.80	2.906	2.547	2.078	1.645	1.347	1.208	1.178	1.169	1.105	0.957
5291	52.90	0.746	0.520	0.313	0.115	-0.124	-0.462	-0.920	-1.452	-1.946	-2.264
5301	53.00	-2.306	-2.059	-1.614	-1.133	-0.789	-0.694	-0.858	-1.194	-1.565	-1.846
5311	53.10	-1.977	-1.973	-1.903	-1.839	-1.814	-1.804	-1.749	-1.588	-1.300	-0.918
5321	53.20	-0.509	-0.140	0.159	0.414	0.691	1.056	1.530	2.069	2.569	2.905
5331	53.30	2.974	2.743	2.252	1.603	0.918	0.299	-0.195	-0.552	-0.796	-0.957
5341	53.40	-1.063	-1.124	-1.140	-1.108	-1.029	-0.910	-0.764	-0.608	-0.461	-0.346
5351	53.50	-0.285	-0.292	-0.367	-0.487	-0.605	-0.664	-0.619	-0.452	-0.191	0.104
5361	53.60	0.356	0.504	0.527	0.447	0.319	0.202	0.140	0.142	0.193	0.268
5371	53.70	0.356	0.463	0.606	0.792	1.004	1.187	1.275	1.216	1.005	0.699
5381	53.80	0.397	0.207	0.193	0.344	0.573	0.749	0.753	0.530	0.113	-0.384
5391	53.90	-0.817	-1.063	-1.072	-0.874	-0.559	-0.229	0.048	0.256	0.431	0.619
5401	54.00	0.834	1.039	1.149	1.066	0.735	0.180	-0.490	-1.114	-1.539	-1.684
5411	54.10	-1.577	-1.342	-1.149	-1.140	-1.361	-1.736	-2.098	-2.257	-2.081	-1.561
5421	54.20	-0.815	-0.047	0.536	0.809	0.769	0.532	0.269	0.124	0.150	0.290
5431	54.30	0.410	0.375	0.122	-0.300	-0.741	-1.015	-0.981	-0.605	0.022	0.720
5441	54.40	1.291	1.595	1.593	1.347	0.979	0.617	0.345	0.193	0.145	0.176
5451	54.50	0.269	0.425	0.648	0.919	1.191	1.391	1.449	1.334	1.066	0.717
5461	54.60	0.373	0.101	-0.078	-0.192	-0.291	-0.417	-0.571	-0.718	-0.808	-0.806
5471	54.70	-0.720	-0.599	-0.506	-0.486	-0.532	-0.589	-0.582	-0.455	-0.208	0.098
5481	54.80	0.370	0.529	0.552	0.487	0.428	0.463	0.629	0.885	1.128	1.245
5491	54.90	1.166	0.904	0.542	0.199	-0.030	-0.117	-0.105	-0.078	-0.105	-0.202

Table 7-73-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.318	-0.366	-0.281	-0.061	0.216	0.418	0.424	0.183	-0.249	-0.729
5511	55.10	-1.086	-1.192	-1.019	-0.654	-0.256	0.013	0.057	-0.119	-0.413	-0.684
5521	55.20	-0.813	-0.753	-0.543	-0.280	-0.071	0.015	-0.025	-0.136	-0.237	-0.262
5531	55.30	-0.187	-0.037	0.132	0.260	0.311	0.282	0.201	0.107	0.031	-0.012
5541	55.40	-0.028	-0.033	-0.040	-0.051	-0.056	-0.033	0.041	0.183	0.395	0.659
5551	55.50	0.940	1.182	1.324	1.313	1.122	0.766	0.309	-0.151	-0.504	-0.666
5561	55.60	-0.614	-0.393	-0.103	0.133	0.227	0.157	-0.014	-0.168	-0.178	0.035
5571	55.70	0.461	1.001	1.501	1.815	1.865	1.669	1.339	1.028	0.867	0.908
5581	55.80	1.108	1.343	1.464	1.362	1.008	0.467	-0.135	-0.660	-1.011	-1.164
5591	55.90	-1.169	-1.117	-1.105	-1.190	-1.376	-1.622	-1.863	-2.039	-2.120	-2.107
5601	56.00	-2.025	-1.902	-1.757	-1.587	-1.377	-1.110	-0.784	-0.420	-0.061	0.242
5611	56.10	0.448	0.545	0.554	0.528	0.529	0.608	0.778	1.011	1.240	1.390
5621	56.20	1.400	1.252	0.979	0.650	0.347	0.132	0.026	0.006	0.022	0.022
5631	56.30	-0.028	-0.128	-0.259	-0.398	-0.535	-0.681	-0.859	-1.077	-1.316	-1.520
5641	56.40	-1.619	-1.559	-1.335	-1.005	-0.677	-0.469	-0.460	-0.653	-0.975	-1.302
5651	56.50	-1.514	-1.547	-1.415	-1.203	-1.025	-0.965	-1.044	-1.209	-1.362	-1.403
5661	56.60	-1.281	-1.008	-0.651	-0.298	-0.011	0.193	0.347	0.504	0.703	0.942
5671	56.70	1.175	1.330	1.368	1.213	0.964	0.688	0.483	0.426	0.545	0.808
5681	56.80	1.142	1.456	1.676	1.783	1.720	1.585	1.413	1.260	1.169	1.162
5691	56.90	1.239	1.383	1.566	1.755	1.917	2.022	2.050	1.989	1.841	1.622
5701	57.00	1.367	1.122	0.936	0.847	0.867	0.970	1.090	1.140	1.034	0.727
5711	57.10	0.233	-0.366	-0.943	-1.369	-1.557	-1.496	-1.257	-0.967	-0.754	-0.707
5721	57.20	-0.836	-1.078	-1.334	-1.512	-1.573	-1.541	-1.490	-1.499	-1.611	-1.811
5731	57.30	-2.030	-2.179	-2.192	-2.057	-1.820	-1.581	-1.352	-1.229	-1.173	-1.126
5741	57.40	-1.023	-0.827	-0.544	-0.217	0.103	0.386	0.630	0.875	1.154	1.471
5751	57.50	1.785	2.011	2.062	1.885	1.498	0.994	0.507	0.165	0.038	0.114
5761	57.60	0.306	0.492	0.573	0.506	0.326	0.114	-0.039	-0.083	-0.029	0.057
5771	57.70	0.086	-0.005	-0.226	-0.523	-0.807	-0.992	-1.037	-0.966	-0.856	-0.806
5781	57.80	-0.892	-1.130	-1.469	-1.811	-2.048	-2.107	-1.977	-1.710	-1.399	-1.139
5791	57.90	-0.984	-0.928	-0.908	-0.834	-0.624	-0.246	0.271	0.843	1.364	1.745
5801	58.00	1.951	2.006	1.977	1.944	1.958	2.019	2.074	2.048	1.880	1.559
5811	58.10	1.139	0.719	0.409	0.283	0.353	0.565	0.826	1.042	1.155	1.166
5821	58.20	1.117	1.067	1.057	1.089	1.130	1.135	1.072	0.945	0.788	0.643
5831	58.30	0.534	0.448	0.341	0.157	-0.131	-0.501	-0.877	-1.159	-1.265	-1.168
5841	58.40	-0.915	-0.609	-0.369	-0.284	-0.373	-0.588	-0.834	-1.016	-1.076	-1.015
5851	58.50	-0.882	-0.746	-0.661	-0.641	-0.665	-0.690	-0.679	-0.627	-0.561	-0.525
5861	58.60	-0.558	-0.671	-0.833	-0.983	-1.049	-0.973	-0.731	-0.339	0.152	0.676
5871	58.70	1.168	1.581	1.888	2.083	2.174	2.182	2.126	2.030	1.914	1.795
5881	58.80	1.683	1.578	1.471	1.341	1.168	0.931	0.622	0.251	-0.155	-0.557
5891	58.90	-0.909	-1.172	-1.319	-1.345	-1.257	-1.080	-0.838	-0.558	-0.267	0.008
5901	59.00	0.236	0.380	0.405	0.283	0.011	-0.387	-0.857	-1.326	-1.717	-1.967
5911	59.10	-2.047	-1.961	-1.748	-1.466	-1.180	-0.945	-0.794	-0.734	-0.744	-0.779
5921	59.20	-0.785	-0.713	-0.533	-0.254	0.082	0.401	0.629	0.711	0.637	0.448
5931	59.30	0.220	0.041	-0.030	0.021	0.155	0.304	0.396	0.391	0.292	0.138
5941	59.40	-0.019	-0.139	-0.217	-0.274	-0.340	-0.428	-0.521	-0.569	-0.520	-0.347
5951	59.50	-0.070	0.236	0.472	0.548	0.419	0.106	-0.314	-0.737	-1.076	-1.286
5961	59.60	-1.375	-1.383	-1.361	-1.340	-1.317	-1.269	-1.168	-1.004	-0.792	-0.572
5971	59.70	-0.386	-0.256	-0.180	-0.127	-0.055	0.064	0.237	0.441	0.642	0.802
5981	59.80	0.898	0.930	0.908	0.851	0.773	0.681	0.582	0.484	0.401	0.347
5991	59.90	0.331	0.343	0.358	0.345	0.284	0.183	0.085	0.057	0.162	0.430

Table 7-73-13

TABLE OF CORRECTED ACCELERATION RECORD

NO.13

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.834	1.291	1.688	1.919	1.929	1.740	1.441	1.155	0.994	1.009
6011	60.10	1.176	1.409	1.601	1.668	1.591	1.420	1.245	1.155	1.191	1.324
6021	60.20	1.461	1.485	1.310	0.913	0.355	-0.242	-0.741	-1.040	-1.110	-1.000
6031	60.30	-0.816	-0.674	-0.663	-0.811	-1.088	-1.425	-1.748	-2.002	-2.171	-2.266
6041	60.40	-2.308	-2.312	-2.272	-2.171	-1.993	-1.742	-1.449	-1.170	-0.961	-0.856
6051	60.50	-0.848	-0.887	-0.898	-0.809	-0.585	-0.244	0.140	0.469	0.648	0.624
6061	60.60	0.408	0.069	-0.287	-0.554	-0.659	-0.585	-0.372	-0.098	0.147	0.289
6071	60.70	0.294	0.168	-0.047	-0.292	-0.511	-0.660	-0.719	-0.684	-0.567	-0.385
6081	60.80	-0.160	0.084	0.322	0.529	0.679	0.754	0.746	0.667	0.546	0.423
6091	60.90	0.344	0.343	0.438	0.624	0.877	1.161	1.441	1.690	1.893	2.044
6101	61.00	2.142	2.186	2.174	2.107	1.995	1.860	1.734	1.651	1.631	1.674
6111	61.10	1.752	1.821	1.833	1.756	1.587	1.344	1.063	0.774	0.490	0.206
6121	61.20	-0.098	-0.433	-0.792	-1.144	-1.443	-1.650	-1.745	-1.743	-1.684	-1.615
6131	61.30	-1.565	-1.534	-1.498	-1.420	-1.280	-1.091	-0.900	-0.770	-0.751	-0.852
6141	61.40	-1.030	-1.207	-1.291	-1.219	-0.984	-0.635	-0.264	0.030	0.179	0.167
6151	61.50	0.033	-0.144	-0.278	-0.306	-0.206	-0.001	0.255	0.497	0.675	0.766
6161	61.60	0.781	0.751	0.717	0.704	0.715	0.729	0.706	0.611	0.430	0.175
6171	61.70	-0.120	-0.411	-0.670	-0.893	-1.102	-1.328	-1.585	-1.855	-2.078	-2.179
6181	61.80	-2.098	-1.830	-1.435	-1.028	-0.736	-0.646	-0.763	-1.008	-1.246	-1.344
6191	61.90	-1.230	-0.922	-0.520	-0.157	0.064	0.113	0.048	-0.020	0.020	0.224
6201	62.00	0.569	0.964	1.300	1.499	1.548	1.500	1.443	1.453	1.559	1.735
6211	62.10	1.921	2.056	2.111	2.098	2.057	2.026	2.017	2.011	1.969	1.856
6221	62.20	1.666	1.420	1.154	0.897	0.649	0.386	0.078	-0.282	-0.654	-0.962
6231	62.30	-1.119	-1.071	-0.838	-0.513	-0.239	-0.152	-0.327	-0.743	-1.287	-1.800
6241	62.40	-2.138	-2.219	-2.052	-1.722	-1.347	-1.030	-0.824	-0.723	-0.681	-0.641
6251	62.50	-0.562	-0.436	-0.280	-0.124	0.003	0.079	0.096	0.048	-0.067	-0.242
6261	62.60	-0.453	-0.655	-0.791	-0.802	-0.658	-0.374	-0.018	0.310	0.512	0.526
6271	62.70	0.357	0.079	-0.196	-0.356	-0.333	-0.132	0.178	0.490	0.707	0.777
6281	62.80	0.712	0.579	0.463	0.430	0.494	0.614	0.709	0.698	0.535	0.232
6291	62.90	-0.146	-0.496	-0.718	-0.743	-0.555	-0.187	0.289	0.782	1.210	1.508
6301	63.00	1.638	1.593	1.395	1.088	0.739	0.383	0.092	-0.125	-0.286	-0.430
6311	63.10	-0.603	-0.828	-1.088	-1.328	-1.468	-1.443	-1.232	-0.876	-0.470	-0.127
6321	63.20	0.063	0.070	-0.073	-0.281	-0.463	-0.554	-0.562	-0.465	-0.379	-0.329
6331	63.30	-0.326	-0.344	-0.342	-0.292	-0.194	-0.080	0.008	0.045	0.042	0.037
6341	63.40	0.081	0.198	0.368	0.531	0.614	0.567	0.401	0.183	0.018	-0.005
6351	63.50	0.142	0.410	0.686	0.838	0.775	0.488	0.052	-0.401	-0.736	-0.867
6361	63.60	-0.785	-0.551	-0.269	-0.038	0.083	0.083	-0.002	-0.120	-0.223	-0.279
6371	63.70	-0.279	-0.224	-0.119	0.031	0.217	0.422	0.619	0.777	0.872	0.894
6381	63.80	0.855	0.783	0.708	0.652	0.623	0.607	0.586	0.540	0.457	0.332
6391	63.90	0.170	-0.024	-0.240	-0.459	-0.646	-0.759	-0.749	-0.590	-0.292	0.088
6401	64.00	0.454	0.697	0.738	0.555	0.205	-0.198	-0.518	-0.649	-0.556	-0.287
6411	64.10	0.049	0.321	0.432	0.354	0.135	-0.124	-0.312	-0.350	-0.223	0.024
6421	64.20	0.306	0.534	0.648	0.632	0.509	0.323	0.125	-0.053	-0.193	-0.288
6431	64.30	-0.341	-0.354	-0.336	-0.304	-0.287	-0.316	-0.416	-0.588	-0.801	-1.001
6441	64.40	-1.121	-1.112	-0.960	-0.695	-0.377	-0.078	0.146	0.267	0.291	0.244
6451	64.50	0.152	0.035	-0.101	-0.252	-0.401	-0.516	-0.552	-0.472	-0.268	0.030
6461	64.60	0.353	0.622	0.776	0.803	0.741	0.668	0.660	0.762	0.955	1.163
6471	64.70	1.282	1.224	0.959	0.534	0.062	-0.317	-0.486	-0.394	-0.076	0.350
6481	64.80	0.776	1.052	1.126	1.012	0.784	0.539	0.355	0.257	0.219	0.178
6491	64.90	0.082	-0.084	-0.278	-0.416	-0.411	-0.218	0.137	0.555	0.899	1.046

Table 7-73-14

TABLE OF CORRECTED ACCELERATION RECORD

NO.14

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.940	0.612	0.169	-0.250	-0.537	-0.654	-0.641	-0.590	-0.592	-0.693
6511	65.10	-0.870	-1.046	-1.131	-1.071	-0.877	-0.618	-0.390	-0.268	-0.279	-0.391
6521	65.20	-0.537	-0.657	-0.725	-0.752	-0.774	-0.817	-0.870	-0.889	-0.820	-0.635
6531	65.30	-0.358	-0.071	0.117	0.119	-0.088	-0.450	-0.851	-1.165	-1.303	-1.250
6541	65.40	-1.057	-0.813	-0.599	-0.453	-0.362	-0.281	-0.164	-0.001	0.178	0.315
6551	65.50	0.354	0.274	0.098	-0.108	-0.270	-0.329	-0.267	-0.110	0.086	0.260
6561	65.60	0.364	0.380	0.321	0.222	0.124	0.063	0.059	0.110	0.192	0.271
6571	65.70	0.312	0.291	0.212	0.100	-0.005	-0.061	-0.048	0.024	0.122	0.205
6581	65.80	0.244	0.237	0.214	0.215	0.273	0.390	0.535	0.655	0.705	0.664
6591	65.90	0.553	0.421	0.323	0.290	0.318	0.368	0.388	0.337	0.205	0.015
6601	66.00	-0.192	-0.371	-0.495	-0.553	-0.548	-0.485	-0.365	-0.188	0.039	0.293
6611	66.10	0.539	0.736	0.858	0.899	0.882	0.839	0.799	0.773	0.751	0.717
6621	66.20	0.665	0.608	0.576	0.595	0.668	0.767	0.840	0.837	0.741	0.586
6631	66.30	0.440	0.383	0.459	0.655	0.903	1.110	1.209	1.184	1.082	0.978
6641	66.40	0.934	0.958	1.001	0.982	0.845	0.594	0.308	0.107	0.089	0.276
6651	66.50	0.592	0.889	1.017	0.896	0.556	0.129	-0.217	-0.354	-0.260	-0.025
6661	66.60	0.192	0.246	0.071	-0.284	-0.696	-1.026	-1.199	-1.243	-1.267	-1.405
6671	66.70	-1.734	-2.228	-2.764	-3.168	-3.306	-3.140	-2.749	-2.292	-1.934	-1.770
6681	66.80	-1.792	-1.900	-1.958	-1.868	-1.613	-1.260	-0.921	-0.687	-0.587	-0.570
6691	66.90	-0.539	-0.404	-0.134	0.223	0.568	0.794	0.843	0.737	0.562	0.430
6701	67.00	0.418	0.534	0.713	0.850	0.856	0.699	0.419	0.110	-0.129	-0.240
6711	67.10	-0.230	-0.162	-0.120	-0.163	-0.301	-0.485	-0.645	-0.716	-0.676	-0.553
6721	67.20	-0.405	-0.293	-0.253	-0.280	-0.340	-0.388	-0.389	-0.335	-0.232	-0.098
6731	67.30	0.055	0.221	0.393	0.558	0.691	0.763	0.760	0.692	0.597	0.528
6741	67.40	0.525	0.592	0.692	0.760	0.737	0.602	0.386	0.163	0.014	-0.015
6751	67.50	0.062	0.178	0.247	0.206	0.056	-0.139	-0.284	-0.299	-0.161	0.081
6761	67.60	0.333	0.500	0.533	0.450	0.323	0.233	0.229	0.300	0.387	0.423
6771	67.70	0.373	0.258	0.149	0.120	0.210	0.387	0.563	0.635	0.543	0.304
6781	67.80	0.014	-0.197	-0.221	-0.030	0.312	0.682	0.953	1.054	1.004	0.889
6791	67.90	0.824	0.888	1.089	1.365	1.616	1.754	1.741	1.595	1.371	1.123
6801	68.00	0.874	0.615	0.317	-0.031	-0.405	-0.748	-0.991	-1.089	-1.053	-0.940
6811	68.10	-0.837	-0.814	-0.895	-1.047	-1.201	-1.289	-1.277	-1.181	-1.051	-0.944
6821	68.20	-0.867	-0.870	-0.848	-0.776	-0.630	-0.426	-0.208	-0.022	0.111	0.210
6831	68.30	0.313	0.459	0.650	0.847	0.980	0.987	0.849	0.609	0.361	0.209
6841	68.40	0.221	0.391	0.638	0.842	0.897	0.757	0.460	0.107	-0.177	-0.310
6851	68.50	-0.278	-0.147	-0.028	-0.025	-0.188	-0.490	-0.839	-1.119	-1.240	-1.174
6861	68.60	-0.970	-0.729	-0.568	-0.567	-0.745	-1.050	-1.386	-1.647	-1.757	-1.697
6871	68.70	-1.501	-1.240	-0.984	-0.775	-0.610	-0.452	-0.252	0.019	0.349	0.682
6881	68.80	0.941	1.061	1.021	0.846	0.679	0.570	0.615	0.829	1.158	1.499
6891	68.90	1.741	1.811	1.700	1.472	1.226	1.068	1.057	1.195	1.423	1.669
6901	69.00	1.784	1.776	1.623	1.372	1.096	0.871	0.745	0.728	0.786	0.857
6911	69.10	0.870	0.772	0.544	0.213	-0.160	-0.494	-0.724	-0.821	-0.809	-0.751
6921	69.20	-0.726	-0.791	-0.956	-1.175	-1.360	-1.423	-1.315	-1.053	-0.715	-0.417
6931	69.30	-0.265	-0.312	-0.539	-0.867	-1.188	-1.411	-1.499	-1.474	-1.401	-1.356
6941	69.40	-1.390	-1.506	-1.662	-1.795	-1.843	-1.777	-1.601	-1.355	-1.087	-0.844
6951	69.50	-0.649	-0.508	-0.412	-0.347	-0.302	-0.273	-0.253	-0.235	-0.208	-0.162
6961	69.60	-0.096	-0.025	0.020	-0.000	-0.118	-0.345	-0.655	-0.992	-1.278	-1.441
6971	69.70	-1.433	-1.254	-0.945	-0.577	-0.225	0.054	0.234	0.320	0.335	0.305
6981	69.80	0.248	0.179	0.114	0.080	0.114	0.251	0.499	0.825	1.152	1.385
6991	69.90	1.443	1.307	1.033	0.740	0.567	0.611	0.879	1.281	1.661	1.861

Table 7-73-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	1.793	1.476	1.030	0.625	0.406	0.434	0.659	0.953	1.166	1.195
7011	70.10	1.028	0.734	0.435	0.237	0.190	0.272	0.403	0.490	0.468	0.324
7021	70.20	0.096	-0.152	-0.357	-0.475	-0.493	-0.415	-0.257	-0.038	0.216	0.468
7031	70.30	0.671	0.776	0.751	0.595	0.352	0.095	-0.096	-0.164	-0.096	0.067
7041	70.40	0.253	0.385	0.409	0.317	0.140	-0.063	-0.231	-0.323	-0.322	-0.243
7051	70.50	-0.116	0.021	0.130	0.181	0.157	0.052	-0.115	-0.211	-0.488	-0.597
7061	70.60	-0.604	-0.504	-0.327	-0.127	0.036	0.116	0.099	0.004	-0.124	-0.241
7071	70.70	-0.318	-0.351	-0.358	-0.364	-0.385	-0.419	-0.447	-0.450	-0.421	-0.377
7081	70.80	-0.351	-0.376	-0.466	-0.601	-0.732	-0.801	-0.770	-0.639	-0.452	-0.279
7091	70.90	-0.179	-0.173	-0.228	-0.270	-0.223	-0.050	0.221	0.500	0.673	0.655
7101	71.00	0.434	0.085	-0.257	-0.450	-0.414	-0.160	0.210	0.550	0.736	0.719
7111	71.10	0.541	0.311	0.146	0.119	0.224	0.391	0.528	0.572	0.519	0.421
7121	71.20	0.349	0.346	0.401	0.451	0.416	0.252	-0.019	-0.312	-0.514	-0.542
7131	71.30	-0.388	-0.121	0.142	0.292	0.287	0.165	0.023	-0.032	0.060	0.281
7141	71.40	0.552	0.771	0.870	0.843	0.747	0.663	0.653	0.723	0.827	0.898
7151	71.50	0.838	0.801	0.690	0.630	0.670	0.802	0.957	1.034	0.950	0.676
7161	71.60	0.254	-0.223	-0.654	-0.971	-1.156	-1.240	-1.271	-1.283	-1.287	-1.269
7171	71.70	-1.214	-1.126	-1.035	-0.979	-0.984	-1.045	-1.119	-1.148	-1.089	-0.941
7181	71.80	-0.747	-0.576	-0.489	-0.501	-0.577	-0.647	-0.639	-0.523	-0.321	-0.100
7191	71.90	0.062	0.116	0.070	-0.020	-0.075	-0.032	0.121	0.345	0.567	0.717
7201	72.00	0.759	0.705	0.605	0.517	0.485	0.515	0.581	0.640	0.658	0.622
7211	72.10	0.541	0.438	0.336	0.241	0.148	0.044	-0.082	-0.227	-0.377	-0.511
7221	72.20	-0.613	-0.677	-0.709	-0.725	-0.740	-0.761	-0.785	-0.798	-0.782	-0.723
7231	72.30	-0.620	-0.485	-0.345	-0.232	-0.172	-0.173	-0.219	-0.273	-0.292	-0.245
7241	72.40	-0.129	0.024	0.160	0.224	0.192	0.083	-0.042	-0.103	-0.040	0.161
7251	72.50	0.456	0.760	0.983	1.072	1.030	0.910	0.787	0.713	0.696	0.690
7261	72.60	0.627	0.457	0.175	-0.165	-0.478	-0.684	-0.749	-0.696	-0.595	-0.521
7271	72.70	-0.523	-0.593	-0.684	-0.730	-0.687	-0.557	-0.384	-0.235	-0.167	-0.200
7281	72.80	-0.311	-0.449	-0.554	-0.578	-0.503	-0.331	-0.087	0.195	0.473	0.699
7291	72.90	0.827	0.829	0.703	0.488	0.254	0.078	0.011	0.056	0.162	0.250
7301	73.00	0.251	0.147	-0.017	-0.152	-0.170	-0.034	0.219	0.487	0.651	0.633
7311	73.10	0.439	0.153	-0.094	-0.191	-0.096	0.146	0.430	0.640	0.708	0.635
7321	73.20	0.483	0.336	0.255	0.254	0.302	0.351	0.369	0.356	0.335	0.327
7331	73.30	0.331	0.312	0.223	0.034	-0.237	-0.525	-0.737	-0.801	-0.698	-0.485
7341	73.40	-0.264	-0.147	-0.200	-0.416	-0.725	-1.019	-1.205	-1.237	-1.128	-0.931
7351	73.50	-0.713	-0.519	-0.362	-0.227	-0.087	0.081	0.283	0.510	0.741	0.954
7361	73.60	1.126	1.238	1.276	1.238	1.138	1.012	0.912	0.887	0.967	1.143
7371	73.70	1.368	1.568	1.668	1.617	1.408	1.071	0.664	0.248	-0.130	-0.438
7381	73.80	-0.662	-0.795	-0.834	-0.785	-0.665	-0.509	-0.359	-0.256	-0.221	-0.247
7391	73.90	-0.306	-0.358	-0.376	-0.354	-0.309	-0.270	-0.260	-0.287	-0.340	-0.401
7401	74.00	-0.453	-0.490	-0.514	-0.527	-0.524	-0.490	-0.413	-0.292	-0.148	-0.017
7411	74.10	0.067	0.089	0.068	0.047	0.071	0.160	0.293	0.412	0.450	0.368
7421	74.20	0.174	-0.072	-0.286	-0.401	-0.398	-0.315	-0.221	-0.186	-0.244	-0.380
7431	74.30	-0.543	-0.681	-0.765	-0.801	-0.818	-0.843	-0.875	-0.890	-0.855	-0.758
7441	74.40	-0.624	-0.511	-0.479	-0.554	-0.698	-0.824	-0.831	-0.655	-0.307	0.123
7451	74.50	0.508	0.737	0.767	0.636	0.445	0.299	0.261	0.327	0.444	0.548
7461	74.60	0.610	0.649	0.717	0.858	1.065	1.274	1.388	1.331	1.094	0.750
7471	74.70	0.429	0.251	0.265	0.419	0.582	0.607	0.410	0.017	-0.443	-0.793
7481	74.80	-0.894	-0.713	-0.343	0.042	0.267	0.236	-0.027	-0.394	-0.700	-0.823
7491	74.90	-0.743	-0.545	-0.370	-0.341	-0.495	-0.763	-1.003	-1.073	-0.898	-0.517

Table 7-73-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.066	0.282	0.392	0.230	-0.122	-0.508	-0.762	-0.784	-0.581	-0.248
7511	75.10	0.073	0.265	0.287	0.182	0.052	-0.002	0.074	0.261	0.481	0.644
7521	75.20	0.687	0.609	0.466	0.338	0.285	0.320	0.406	0.479	0.489	0.427
7531	75.30	0.335	0.288	0.351	0.548	0.848	1.171	1.422	1.523	1.448	1.220
7541	75.40	0.904	0.580	0.317	0.157	0.110	0.156	0.255	0.358	0.425	0.429
7551	75.50	0.376	0.295	0.236	0.246	0.341	0.495	0.639	0.684	0.565	0.273
7561	75.60	-0.131	-0.530	-0.800	-0.860	-0.713	-0.444	-0.185	-0.056	-0.110	-0.318
7571	75.70	-0.580	-0.781	-0.843	-0.763	-0.603	-0.457	-0.402	-0.455	-0.576	-0.688
7581	75.80	-0.718	-0.640	-0.475	-0.286	-0.137	-0.071	-0.097	-0.198	-0.351	-0.542
7591	75.90	-0.765	-1.013	-1.259	-1.455	-1.545	-1.496	-1.318	-1.073	-0.854	-0.740
7601	76.00	-0.761	-0.871	-0.973	-0.957	-0.758	-0.395	0.037	0.401	0.578	0.526
7611	76.10	0.288	-0.019	-0.265	-0.361	-0.290	-0.109	0.091	0.232	0.285	0.277
7621	76.20	0.265	0.299	0.381	0.464	0.474	0.350	0.084	-0.259	-0.568	-0.730
7631	76.30	-0.683	-0.449	-0.134	0.123	0.204	0.073	-0.207	-0.504	-0.670	-0.618
7641	76.40	-0.362	-0.015	0.264	0.345	0.190	-0.118	-0.417	-0.534	-0.375	0.031
7651	76.50	0.538	0.949	1.109	0.979	0.653	0.314	0.141	0.226	0.528	0.896
7661	76.60	1.151	1.174	0.968	0.651	0.397	0.337	0.496	0.776	1.015	1.075
7671	76.70	0.917	0.628	0.371	0.300	0.471	0.806	1.128	1.253	1.082	0.660
7681	76.80	0.157	-0.214	-0.299	-0.081	0.318	0.695	0.871	0.771	0.456	0.077
7691	76.90	-0.200	-0.284	-0.192	-0.032	0.066	0.020	-0.162	-0.397	-0.580	-0.644
7701	77.00	-0.597	-0.504	-0.450	-0.480	-0.571	-0.650	-0.635	-0.490	-0.246	0.012
7711	77.10	0.192	0.251	0.214	0.160	0.166	0.260	0.393	0.469	0.396	0.153
7721	77.20	-0.184	-0.474	-0.572	-0.411	-0.044	0.372	0.653	0.676	0.441	0.078
7731	77.30	-0.220	-0.294	-0.094	0.288	0.674	0.887	0.837	0.573	0.245	0.032
7741	77.40	0.045	0.276	0.605	0.862	0.921	0.759	0.462	0.178	0.031	0.064
7751	77.50	0.209	0.334	0.306	0.063	-0.355	-0.830	-1.219	-1.424	-1.424	-1.282
7761	77.60	-1.098	-0.966	-0.932	-0.986	-1.079	-1.153	-1.169	-1.116	-1.009	-0.872
7771	77.70	-0.733	-0.620	-0.563	-0.586	-0.699	-0.881	-1.075	-1.197	-1.166	-0.960
7781	77.80	-0.540	-0.045	0.434	0.805	1.035	1.156	1.240	1.349	1.493	1.611
7791	77.90	1.609	1.410	1.016	0.523	0.093	-0.119	-0.037	0.286	0.694	0.989
7801	78.00	1.030	0.794	0.389	0.000	-0.200	-0.134	0.145	0.481	0.696	0.671
7811	78.10	0.402	-0.002	-0.379	-0.587	-0.569	-0.373	-0.117	0.067	0.095	-0.039
7821	78.20	-0.272	-0.510	-0.674	-0.732	-0.705	-0.644	-0.607	-0.624	-0.698	-0.799
7831	78.30	-0.891	-0.938	-0.924	-0.848	-0.727	-0.590	-0.467	-0.389	-0.377	-0.437
7841	78.40	-0.555	-0.699	-0.831	-0.911	-0.914	-0.829	-0.665	-0.438	-0.170	0.113
7851	78.50	0.384	0.613	0.768	0.826	0.779	0.647	0.467	0.290	0.159	0.090
7861	78.60	0.074	0.082	0.082	0.060	0.027	0.011	0.040	0.124	0.247	0.376
7871	78.70	0.472	0.515	0.507	0.468	0.420	0.368	0.296	0.180	0.007	-0.202
7881	78.80	-0.391	-0.484	-0.422	-0.190	0.160	0.530	0.802	0.892	0.778	0.507
7891	78.90	0.178	-0.103	-0.258	-0.268	-0.166	-0.019	0.108	0.175	0.184	0.164
7901	79.00	0.163	0.215	0.331	0.493	0.654	0.759	0.759	0.632	0.390	0.085
7911	79.10	-0.211	-0.421	-0.491	-0.416	-0.238	-0.035	0.107	0.134	0.043	-0.113
7921	79.20	-0.252	-0.295	-0.207	-0.016	0.201	0.349	0.359	0.215	-0.036	-0.306
7931	79.30	-0.506	-0.580	-0.525	-0.389	-0.237	-0.126	-0.076	-0.069	-0.064	-0.021
7941	79.40	0.074	0.205	0.333	0.412	0.440	0.415	0.381	0.386	0.459	0.596
7951	79.50	0.751	0.860	0.860	0.724	0.472	0.175	-0.073	-0.188	-0.135	0.061
7961	79.60	0.320	0.535	0.622	0.551	0.360	0.140	-0.006	-0.015	0.112	0.301
7971	79.70	0.446	0.453	0.289	-0.002	-0.310	-0.514	-0.528	-0.344	-0.030	0.302
7981	79.80	0.542	0.632	0.583	0.456	0.330	0.257	0.240	0.242	0.208	0.102
7991	79.90	-0.072	-0.272	-0.443	-0.545	-0.574	-0.565	-0.567	-0.620	-0.733	-0.880

Table 7−73−17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-1.014	-1.092	-1.094	-1.027	-0.922	-0.812	-0.726	-0.675	-0.664	-0.690
8011	80.10	-0.752	-0.845	-0.952	-1.045	-1.091	-1.065	-0.971	-0.844	-0.737	-0.701
8021	80.20	-0.749	-0.849	-0.928	-0.910	-0.754	-0.480	-0.170	0.072	0.169	0.113
8031	80.30	-0.028	-0.144	-0.133	0.039	0.318	0.587	0.721	0.646	0.381	0.030
8041	80.40	-0.272	-0.420	-0.384	-0.214	-0.008	0.149	0.226	0.257	0.313	0.448
8051	80.50	0.669	0.922	1.127	1.222	1.202	1.120	1.055	1.061	1.134	1.215
8061	80.60	1.231	1.145	0.993	0.872	0.888	1.081	1.390	1.658	1.706	1.623
8071	80.70	0.839	0.120	-0.493	-0.805	-0.759	-0.471	-0.168	-0.082	-0.327	-0.862
8081	80.80	-1.422	-1.827	-1.900	-1.648	-1.233	-0.881	-0.760	-0.889	-1.135	-1.282
8091	80.90	-1.160	-0.733	-0.126	0.440	0.763	0.763	0.521	0.228	0.083	0.183
8101	81.00	0.482	0.819	1.014	0.968	0.718	0.410	0.217	0.240	0.452	0.715
8111	81.10	0.858	0.777	0.491	0.133	-0.117	-0.133	0.089	0.433	0.721	0.806
8121	81.20	0.650	0.332	0.008	-0.178	-0.168	-0.011	0.168	0.239	0.141	-0.092
8131	81.30	-0.348	-0.500	-0.466	-0.252	0.064	0.370	0.578	0.653	0.623	0.545
8141	81.40	0.475	0.438	0.430	0.430	0.421	0.401	0.379	0.358	0.328	0.269
8151	81.50	0.164	0.017	-0.142	-0.263	-0.313	-0.290	-0.238	-0.225	-0.305	-0.489
8161	81.60	-0.726	-0.924	-0.998	-0.913	-0.711	-0.496	-0.384	-0.443	-0.655	-0.917
8171	81.70	-1.094	-1.082	-0.869	-0.541	-0.249	-0.135	-0.257	-0.558	-0.889	-1.074
8181	81.80	-0.995	-0.651	-0.157	0.303	0.565	0.552	0.316	-0.001	-0.225	-0.241
8191	81.90	-0.040	0.281	0.568	0.685	0.579	0.301	-0.018	-0.235	-0.260	-0.096
8201	82.00	0.163	0.380	0.441	0.303	0.013	-0.316	-0.558	-0.628	-0.514	-0.282
8211	82.10	-0.040	0.105	0.093	-0.073	-0.331	-0.594	-0.776	-0.828	-0.751	-0.582
8221	82.20	-0.385	-0.220	-0.125	-0.103	-0.128	-0.150	-0.122	-0.014	0.175	0.411
8231	82.30	0.642	0.815	0.901	0.905	0.863	0.827	0.836	0.903	1.000	1.079
8241	82.40	1.084	0.987	0.795	0.548	0.306	0.123	0.027	0.019	0.077	0.170
8251	82.50	0.263	0.329	0.340	0.273	0.111	-0.143	-0.456	-0.770	-1.015	-1.138
8261	82.60	-1.130	-1.034	-0.928	-0.890	-0.949	-1.070	-1.164	-1.133	-0.929	-0.589
8271	82.70	-0.230	-0.003	-0.010	-0.254	-0.617	-0.912	-0.967	-0.707	-0.200	0.370
8281	82.80	0.785	0.894	0.676	0.254	-0.171	-0.413	-0.386	-0.132	0.215	0.504
8291	82.90	0.647	0.654	0.613	0.632	0.765	0.977	1.163	1.207	1.044	0.707
8301	83.00	0.309	-0.009	-0.148	-0.097	0.063	0.208	0.231	0.098	-0.138	-0.368
8311	83.10	-0.481	-0.411	-0.168	0.180	0.540	0.828	0.999	1.044	0.980	0.835
8321	83.20	0.642	0.441	0.279	0.206	0.256	0.423	0.650	0.845	0.910	0.795
8331	83.30	0.525	0.195	-0.061	-0.138	-0.008	0.260	0.530	0.658	0.569	0.289
8341	83.40	-0.058	-0.313	-0.355	-0.159	0.186	0.520	0.683	0.585	0.244	-0.227
8351	83.50	-0.674	-0.973	-1.077	-1.030	-0.930	-0.875	-0.912	-1.016	-1.111	-1.110
8361	83.60	-0.967	-0.702	-0.397	-0.156	-0.062	-0.135	-0.324	-0.532	-0.661	-0.654
8371	83.70	-0.521	-0.333	-0.189	-0.168	-0.293	-0.515	-0.737	-0.851	-0.786	-0.540
8381	83.80	-0.183	0.172	0.410	0.468	0.352	0.138	-0.062	-0.148	-0.068	0.155
8391	83.90	0.443	0.688	0.802	0.746	0.541	0.255	-0.027	-0.235	-0.336	-0.338
8401	84.00	-0.280	-0.206	-0.151	-0.125	-0.122	-0.122	-0.107	-0.069	-0.011	0.058
8411	84.10	0.126	0.181	0.220	0.243	0.253	0.253	0.243	0.220	0.177	0.107
8421	84.20	0.008	-0.111	-0.225	-0.299	-0.293	-0.179	0.038	0.317	0.580	0.741
8431	84.30	0.729	0.525	0.168	-0.245	-0.599	-0.798	-0.802	-0.663	-0.407	-0.199
8441	84.40	-0.099	-0.130	-0.259	-0.412	-0.518	-0.535	-0.474	-0.379	-0.307	-0.290
8451	84.50	-0.322	-0.365	-0.366	-0.294	-0.152	0.020	0.170	0.255	0.269	0.241
8461	84.60	0.220	0.245	0.330	0.452	0.569	0.642	0.655	0.625	0.582	0.558
8471	84.70	0.561	0.577	0.582	0.563	0.539	0.558	0.669	0.896	1.206	1.511
8481	84.80	1.697	1.672	1.414	0.986	0.520	0.161	0.004	0.057	0.231	0.387
8491	84.90	0.404	0.230	-0.087	-0.426	-0.654	-0.690	-0.545	-0.316	-0.141	-0.130

Table 7−73−18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1265 S104-GR-1-6 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -37.092 (GAL) T= 18.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-0.308	-0.609	-0.903	-1.060	-1.014	-0.793	-0.499	-0.264	-0.181	-0.262
8511	85.10	-0.434	-0.578	-0.590	-0.431	-0.149	0.144	0.320	0.294	0.062	-0.301
8521	85.20	-0.674	-0.942	-1.042	-0.981	-0.826	-0.664	-0.566	-0.555	-0.605	-0.658
8531	85.30	-0.660	-0.583	-0.442	-0.285	-0.173	-0.153	-0.236	-0.395	-0.576	-0.712
8541	85.40	-0.755	-0.682	-0.510	-0.277	-0.035	0.171	0.317	0.403	0.448	0.472
8551	85.50	0.491	0.501	0.486	0.425	0.310	0.159	0.010	-0.082	-0.074	0.051
8561	85.60	0.270	0.530	0.765	0.923	0.989	0.986	0.957	0.945	0.961	0.980
8571	85.70	0.967	0.813	0.559	0.222	-0.113	-0.345	-0.399	-0.260	0.011	0.303
8581	85.80	0.493	0.499	0.312	0.001	-0.321	-0.543	-0.601	-0.502	-0.317	-0.146
8591	85.90	-0.069	-0.119	-0.272	-0.460	-0.615	-0.691	-0.689	-0.643	-0.597	-0.576
8601	86.00	-0.566	-0.524	-0.397	-0.155	0.183	0.548	0.845	0.987	0.933	0.704
8611	86.10	0.384	0.082	-0.103	-0.122	0.016	0.246	0.483	0.653	0.720	0.696
8621	86.20	0.622	0.552	0.522	0.543	0.598	0.657	0.692	0.691	0.657	0.601
8631	86.30	0.531	0.445	0.336	0.191	0.010	-0.192	-0.389	-0.552	-0.661	-0.717
8641	86.40	-0.739	-0.757	-0.797	-0.868	-0.959	-1.041	-1.083	-1.063	-0.982	-0.859
8651	86.50	-0.728	-0.621	-0.560	-0.544	-0.552	-0.554	-0.524	-0.448	-0.337	-0.220
8661	86.60	-0.136	-0.114	-0.161	-0.251	-0.335	-0.352	-0.260	-0.058	0.213	0.470
8671	86.70	0.631	0.640	0.503	0.284	0.086	0.003	0.076	0.274	0.497	0.626
8681	86.80	0.573	0.331	-0.023	-0.351	-0.522	-0.464	-0.204	0.147	0.445	0.578
8691	86.90	0.518	0.329	0.134	0.052	0.141	0.366	0.622	0.782	0.761	0.557

Table 7-74-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.551	-0.485	-0.432	-0.439	-0.489	-0.483	-0.275	0.256	1.110	2.110
11	0.10	2.931	3.196	2.638	1.234	-0.738	-2.773	-4.308	-4.929	-4.528	-3.329
21	0.20	-1.774	-0.333	0.695	1.269	1.565	1.819	2.154	2.475	2.499	1.922
31	0.30	0.612	-1.251	-3.183	-4.567	-4.907	-4.044	-2.240	-0.073	1.801	2.916
41	0.40	3.153	2.738	2.079	1.534	1.240	1.083	0.814	0.242	-0.613	-1.495
51	0.50	-2.032	-1.944	-1.210	-0.116	0.869	1.319	1.063	0.279	-0.592	-1.070
61	0.60	-0.877	-0.080	0.946	1.715	1.877	1.393	0.545	-0.226	-0.566	-0.391
71	0.70	0.066	0.401	0.274	-0.385	-1.311	-2.036	-2.132	-1.453	-0.241	0.980
81	0.80	1.654	1.482	0.579	-0.567	-1.338	-1.300	-0.424	0.879	1.963	2.261
91	0.90	1.578	0.196	-1.253	-2.085	-1.893	-0.738	0.878	2.255	2.813	2.356
101	1.00	1.126	-0.331	-1.448	-1.895	-1.705	-1.215	-0.854	-0.908	-1.374	-1.979
111	1.10	-2.332	-2.133	-1.332	-0.148	1.037	1.856	2.108	1.822	1.195	0.482
121	1.20	-0.123	-0.539	-0.775	-0.858	-0.783	-0.512	-0.022	0.627	1.271	1.694
131	1.30	1.726	1.348	0.721	0.116	-0.229	-0.257	-0.130	-0.149	-0.554	-1.320
141	1.40	-2.078	-2.221	-1.193	1.179	4.470	7.692	9.622	9.286	6.410	1.614
151	1.50	-3.749	-8.072	-10.094	-9.363	-6.368	-2.301	1.461	3.879	4.595	3.929
161	1.60	2.596	1.295	0.384	-0.206	-0.806	-1.715	-2.946	-4.165	-4.849	-4.579
171	1.70	-3.286	-1.332	0.642	2.009	2.450	2.088	1.393	0.923	1.024	1.659
181	1.80	2.443	2.860	2.543	1.467	-0.041	-1.468	-2.368	-2.557	-2.158	-1.485
191	1.90	-0.843	-0.375	-0.029	0.336	0.783	1.185	1.254	0.709	-0.516	-2.132
201	2.00	-3.551	-4.116	-3.417	-1.540	0.913	3.035	4.010	3.476	1.716	-0.458
211	2.10	-2.056	-2.351	-1.208	0.859	2.916	4.028	3.656	1.874	-0.688	-3.138
221	2.20	-4.687	-4.938	-3.972	-2.226	-0.256	1.491	2.781	3.566	3.869	3.683
231	2.30	2.956	1.677	-0.000	-1.701	-2.891	-3.070	-2.013	0.067	2.524	4.482
241	2.40	5.167	4.215	1.829	-1.287	-4.194	-6.070	-6.486	-5.513	-3.617	-1.427
251	2.50	0.510	1.889	2.650	2.876	2.669	2.072	1.104	-0.150	-1.457	-2.441
261	2.60	-2.700	-1.997	-0.424	1.556	3.244	3.957	3.317	1.427	-1.141	-3.551
271	2.70	-5.013	-5.074	-3.757	-1.517	0.963	3.036	4.286	4.607	4.166	3.179
281	2.80	1.988	0.804	-0.198	-0.865	-1.068	-0.738	0.059	1.083	1.951	2.261
291	2.90	1.764	0.496	-1.194	-2.764	-3.697	-3.720	-2.922	-1.701	-0.569	0.092
301	3.00	0.207	0.020	-0.061	0.291	1.122	2.148	2.685	2.903	2.059	0.601
311	3.10	-0.933	-1.963	-2.151	-1.553	-0.586	0.200	0.414	0.030	-0.603	-0.956
321	3.20	-0.622	0.434	1.818	2.881	3.039	2.088	0.342	-1.481	-2.584	-2.463
331	3.30	-1.153	0.774	2.475	3.211	2.684	1.143	-0.756	-2.275	-2.931	-2.679
341	3.40	-1.869	-1.007	-0.469	-0.310	-0.286	-0.044	0.616	1.567	2.375	2.515
351	3.50	1.657	-0.109	-2.253	-4.004	-4.688	-4.032	-2.294	-0.151	1.596	2.364
361	3.60	2.011	0.852	-0.531	-1.570	-1.947	-1.680	-1.030	-0.311	0.282	0.741
371	3.70	1.172	1.652	2.101	2.275	1.881	0.767	-0.924	-2.734	-4.039	-4.296
381	3.80	-3.301	-1.303	1.060	3.006	3.913	3.553	2.164	0.324	-1.303	-2.232
391	3.90	-2.318	-1.765	-0.974	-0.340	-0.078	-0.156	-0.361	-0.441	-0.251	0.171
401	4.00	0.638	0.917	0.874	0.554	0.183	0.068	0.447	1.362	2.605	3.773
411	4.10	4.414	4.201	3.067	1.251	-0.782	-2.495	-3.467	-3.527	-2.796	-1.618
421	4.20	-0.423	0.436	0.786	0.661	0.247	-0.231	-0.601	-0.801	-0.870	-0.892
431	4.30	-0.926	-0.967	-0.953	-0.807	-0.494	-0.058	0.378	0.663	0.674	0.375
441	4.40	-0.165	-0.794	-1.324	-1.594	-1.512	-1.081	-0.387	0.630	1.213	1.829
451	4.50	2.187	2.256	2.058	1.657	1.134	0.574	0.055	-0.355	-0.588	-0.577
461	4.60	-0.268	0.351	1.220	2.187	3.028	3.501	3.430	2.783	1.703	0.471
471	4.70	-0.588	-1.227	-1.365	-1.106	-0.674	-0.299	-0.111	-0.098	-0.139	-0.109
481	4.80	0.019	0.140	0.066	-0.354	-1.108	-1.971	-2.571	-2.557	-1.780	-0.419
491	4.90	1.058	2.061	2.136	1.168	-0.541	-2.388	-3.710	-4.058	-3.368	-1.966

Table 7-74-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.404	0.779	1.273	1.076	0.434	-0.320	-0.935	-1.334	-1.584	-1.794
511	5.10	-1.996	-2.091	-1.893	-1.250	-0.162	1.163	2.351	3.008	2.871	1.926
521	5.20	0.419	-1.232	-2.577	-3.280	-3.199	-2.390	-1.067	0.479	1.937	3.026
531	5.30	3.528	3.331	2.462	1.122	-0.340	-1.501	-1.991	-1.631	-0.516	1.005
541	5.40	2.440	3.336	3.447	2.812	1.721	0.580	-0.259	-0.620	-0.528	-0.142
551	5.50	0.366	0.897	1.445	2.033	2.615	3.017	2.966	2.208	0.673	-1.426
561	5.60	-3.597	-5.220	-5.780	-5.079	-3.332	-1.090	0.972	2.320	2.750	2.423
571	5.70	1.735	1.098	0.739	0.618	0.495	0.103	-0.665	-1.671	-2.584	-3.038
581	5.80	-2.832	-2.030	-0.941	0.034	0.603	0.714	0.563	0.463	0.655	1.162
591	5.90	1.761	2.109	1.932	1.198	0.159	-0.762	-1.187	-0.980	-0.338	0.300
601	6.00	0.474	-0.053	-1.145	-2.336	-3.033	-2.803	-1.583	0.269	2.123	3.352
611	6.10	3.593	2.889	1.629	0.347	-0.526	-0.831	-0.698	-0.412	-0.227	-0.217
621	6.20	-0.259	-0.147	0.241	0.814	1.271	1.238	0.476	-0.945	-2.615	-3.914
631	6.30	-4.262	-3.372	-1.398	1.103	3.370	4.717	4.767	3.559	1.488	-0.864
641	6.40	-2.936	-4.332	-4.881	-4.600	-3.622	-2.139	-0.386	1.355	2.759	3.501
651	6.50	3.354	2.293	0.551	-1.408	-3.023	-3.821	-3.581	-2.414	-0.719	0.967
661	6.60	2.164	2.603	2.282	1.434	0.406	-0.467	-0.957	-0.974	-0.558	0.163
671	6.70	0.997	1.722	2.116	2.001	1.316	0.169	-1.144	-2.207	-2.617	-2.141
681	6.80	-0.836	0.939	2.635	3.716	3.865	3.106	1.777	0.377	-0.651	-1.092
691	6.90	-1.015	-0.685	-0.392	-0.286	-0.308	-0.253	0.080	0.734	1.522	2.095
701	7.00	2.106	1.397	0.104	-1.381	-2.575	-3.112	-2.898	-2.133	-1.185	-0.400
711	7.10	0.069	0.315	0.589	1.133	2.003	3.009	3.768	3.879	3.110	1.506
721	7.20	-0.613	-2.773	-4.513	-5.519	-5.671	-5.008	-3.657	-1.784	0.408	2.637
731	7.30	4.515	5.583	5.434	3.882	1.105	-2.330	-5.582	-7.790	-8.344	-7.089
741	7.40	-4.364	-0.872	2.567	5.259	6.802	7.115	6.348	4.758	2.614	0.175
751	7.50	-2.276	-4.391	-5.774	-6.076	-5.122	-3.054	-0.331	2.375	4.386	5.255
761	7.60	4.917	3.687	2.116	0.753	-0.077	-0.370	-0.396	-0.521	-0.595	-1.805
771	7.70	-2.662	-3.134	-2.845	-1.668	0.197	2.280	4.017	4.955	4.911	4.007
781	7.80	2.586	1.047	-0.304	-1.349	-2.132	-2.764	-3.307	-3.707	-3.808	-3.448
791	7.90	-2.580	-1.344	-0.051	0.931	1.327	1.090	0.419	-0.320	-0.763	-0.716
801	8.00	-0.240	0.391	0.843	0.902	0.597	0.194	0.053	0.427	1.297	2.331
811	8.10	3.020	2.905	1.824	0.023	-1.904	-3.250	-3.495	-2.530	-0.714	1.279
821	8.20	2.746	3.240	2.738	1.607	0.402	-0.400	-0.612	-0.382	-0.077	-0.058
831	8.30	-0.480	-1.208	-1.896	-2.174	-1.857	-1.060	-0.156	0.399	0.287	-0.501
841	8.40	-1.646	-2.627	-2.952	-2.367	-0.977	0.801	2.402	3.343	3.393	2.639
851	8.50	1.420	0.170	-0.748	-1.159	-1.086	-0.693	-0.178	0.309	0.701	0.993
861	8.60	1.188	1.268	1.184	0.895	0.409	-0.188	-0.753	-1.148	-1.308	-1.273
871	8.70	-1.176	-1.166	-1.315	-1.558	-1.697	-1.488	-0.772	0.417	1.819	3.023
881	8.80	3.620	3.377	2.347	0.859	-0.607	-1.615	-1.947	-1.680	-1.124	-0.659
891	8.90	-0.549	-0.817	-1.243	-1.484	-1.254	-0.476	0.668	1.808	2.551	2.650
901	9.00	2.095	1.104	0.007	-0.899	-1.463	-1.695	-1.700	-1.576	-1.334	-0.892
911	9.10	-0.154	0.885	2.064	3.064	3.519	3.168	1.997	0.283	-1.487	-2.785
921	9.20	-3.245	-2.796	-1.681	-0.347	0.740	1.276	1.218	0.766	0.252	-0.025
931	9.30	0.077	0.501	1.035	1.427	1.493	1.190	0.608	-0.090	-0.742	-1.249
941	9.40	-1.576	-1.722	-1.677	-1.404	-0.861	-0.065	0.860	1.672	2.069	1.803
951	9.50	0.808	-0.733	-2.408	-3.700	-4.166	-3.607	-2.140	-0.163	1.798	3.271
961	9.60	3.991	3.952	3.354	2.486	1.598	0.833	0.235	-0.193	-0.431	-0.425
971	9.70	-0.131	0.408	1.020	1.422	1.326	0.577	-0.735	-2.271	-3.551	-4.144
981	9.80	-3.855	-2.809	-1.402	-0.123	0.657	0.835	0.592	0.271	0.180	0.433
991	9.90	0.895	1.275	1.290	0.838	0.058	-0.735	-1.218	-1.235	-0.882	-0.460

Table 7-74-3

TABLE OF CORRECTED ACCELERATION RECORD

NO. 3

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.308	-0.609	-1.271	-1.945	-2.190	-1.690	-0.436	1.233	2.748	3.543
1011	10.10	3.291	2.046	0.226	-1.550	-2.705	-2.902	-2.148	-0.750	0.834	2.177
1021	10.20	3.022	3.322	3.194	2.818	2.329	1.777	1.129	0.343	-0.572	-1.510
1031	10.30	-2.290	-2.717	-2.672	-2.172	-1.389	-0.598	-0.088	-0.054	-0.526	-1.359
1041	10.40	-2.281	-2.986	-3.237	-2.930	-2.109	-0.930	0.402	1.696	2.803	3.612
1051	10.50	4.035	3.991	3.425	2.348	0.883	-0.717	-2.107	-2.934	-2.957	-2.140
1061	10.60	-0.686	1.021	2.536	3.495	3.729	3.299	2.448	1.495	0.716	0.261
1071	10.70	0.129	0.202	0.319	0.340	0.189	-0.134	-0.576	-1.062	-1.517	-1.887
1081	10.80	-2.143	-2.277	-2.295	-2.206	-2.011	-1.698	-1.252	-0.670	0.008	0.681
1091	10.90	1.194	1.380	1.126	0.442	-0.506	-1.426	-2.003	-2.017	-1.447	-0.501
1101	11.00	0.464	1.080	1.135	0.665	-0.056	-0.631	-0.722	-0.193	0.831	2.026
1111	11.10	3.019	3.546	3.548	3.161	2.622	2.131	1.764	1.460	1.087	0.550
1121	11.20	-0.146	-0.888	-1.525	-1.962	-2.215	-2.399	-2.646	-3.009	-3.401	-3.627
1131	11.30	-3.485	-2.889	-1.947	-0.936	-0.186	0.080	-0.137	-0.607	-0.979	-0.957
1141	11.40	-0.457	0.347	1.190	1.437	1.167	0.363	-0.668	-1.536	-1.950	-1.836
1151	11.50	-1.349	-0.763	-0.310	-0.060	0.100	0.381	0.939	1.758	2.622	3.201
1161	11.60	3.209	2.553	1.396	0.101	-0.920	-1.376	-1.205	-0.578	0.190	0.787
1171	11.70	1.025	0.881	0.467	-0.052	-0.540	-0.924	-1.177	-1.276	-1.164	-0.761
1181	11.80	-0.009	1.065	2.311	3.476	4.275	4.492	4.058	3.079	1.798	0.512
1191	11.90	-0.529	-1.184	-1.441	-1.396	-1.202	-1.011	-0.946	-1.071	-1.385	-1.822
1201	12.00	-2.257	-2.529	-2.484	-2.028	-1.173	-0.062	1.061	1.924	2.322	2.198
1211	12.10	1.675	1.015	0.523	0.428	0.786	1.456	2.139	2.491	2.242	1.303
1221	12.20	-0.195	-1.939	-3.517	-4.544	-4.773	-4.160	-2.875	-1.250	0.315	1.463
1231	12.30	1.974	1.818	1.149	0.255	-0.535	-0.940	-0.802	-0.114	0.990	2.281
1241	12.40	3.486	4.346	4.661	4.318	3.317	1.786	-0.032	-1.808	-3.195	-3.912
1251	12.50	-3.823	-2.981	-1.616	-0.067	1.322	2.304	2.777	2.780	2.435	1.872
1261	12.60	1.182	0.410	-0.405	-1.183	-1.787	-2.058	-1.889	-1.307	-0.504	0.205
1271	12.70	0.495	0.177	-0.708	-1.874	-2.891	-3.351	-3.037	-2.010	-0.587	0.792
1281	12.80	1.736	2.056	1.809	1.247	0.682	0.336	0.255	0.304	0.258	-0.078
1291	12.90	-0.763	-1.681	-2.583	-3.180	-3.255	-2.732	-1.701	-0.373	0.987	2.138
1301	13.00	2.910	3.226	3.088	2.553	1.719	0.709	-0.328	-1.225	-1.811	-1.948
1311	13.10	-1.572	-0.730	0.406	1.560	2.419	2.714	2.308	1.242	-0.265	-1.881
1321	13.20	-3.263	-4.157	-4.472	-4.279	-3.756	-3.090	-2.391	-1.647	-0.751	0.419
1331	13.30	1.902	3.585	5.196	6.373	6.773	6.196	4.651	2.372	-0.246	-2.750
1341	13.40	-4.732	-5.909	-6.165	-5.549	-4.249	-2.544	-0.752	0.825	1.964	2.561
1351	13.50	2.652	2.393	1.999	1.668	1.509	1.508	1.555	1.506	1.260	0.813
1361	13.60	0.252	-0.288	-0.702	-0.961	-1.124	-1.281	-1.491	-1.725	-1.867	-1.773
1371	13.70	-1.361	-0.673	0.113	0.760	1.079	1.031	0.761	0.538	0.625	1.146
1381	13.80	2.007	2.924	3.544	3.601	3.031	2.001	0.818	-0.211	-0.922	-1.339
1391	13.90	-1.636	-2.004	-2.525	-3.095	-3.466	-3.358	-2.615	-1.301	0.274	1.755
1401	14.00	2.698	2.915	2.437	1.506	0.456	-0.415	-0.948	-1.156	-1.179	-1.210
1411	14.10	-1.409	-1.860	-2.549	-3.380	-4.201	-4.828	-5.077	-4.802	-3.943	-2.565
1421	14.20	-0.869	0.848	2.282	3.228	3.665	3.764	3.815	4.083	4.666	5.410
1431	14.30	5.944	5.815	4.689	2.521	-0.380	-3.419	-5.898	-7.249	-7.208	-5.885
1441	14.40	-3.702	-1.230	0.995	2.623	3.539	3.839	3.731	3.431	3.086	2.739
1451	14.50	2.346	1.822	1.095	0.150	-0.941	-2.023	-2.893	-3.359	-3.316	-2.806
1461	14.60	-2.037	-1.336	-1.042	-1.374	-2.326	-3.645	-4.903	-5.657	-5.621	-4.779
1471	14.70	-3.383	-1.829	-0.469	0.549	1.335	2.169	3.316	4.830	6.449	7.658
1481	14.80	7.894	6.812	4.483	1.436	-1.517	-3.547	-4.140	-3.261	-1.357	0.847
1491	14.90	2.630	3.537	3.500	2.793	1.861	1.117	0.797	0.924	1.367	1.955

Table 7-74-4

TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	2.351	3.077	3.481	3.686	3.572	3.011	1.934	0.398	-1.403	-3.188
1511	15.10	-4.679	-5.694	-6.183	-6.209	-5.876	-5.262	-4.389	-3.245	-1.838	-0.240
1521	15.20	1.414	2.978	4.357	5.544	6.587	7.512	8.228	8.497	7.997	6.473
1531	15.30	3.904	0.602	-2.838	-5.708	-7.441	-7.815	-7.016	-5.532	-3.932	-2.626
1541	15.40	-1.741	-1.138	-0.571	0.134	0.954	1.693	2.103	2.038	1.544	0.818
1551	15.50	0.085	-0.547	-1.143	-1.864	-2.802	-3.823	-4.539	-4.443	-3.168	-0.739
1561	15.60	2.334	5.196	6.962	7.092	5.609	3.076	0.323	-1.936	-3.396	-4.215
1571	15.70	-4.821	-5.565	-6.444	-7.042	-6.745	-5.109	-2.195	1.345	4.490	6.286
1581	15.80	6.299	4.836	2.815	1.367	1.296	2.728	5.061	7.260	8.326	7.718
1591	15.90	5.535	2.389	-0.925	-3.777	-5.894	-7.324	-8.233	-8.688	-8.575	-7.693
1601	16.00	-5.967	-3.633	-1.256	0.469	1.031	0.382	-0.980	-2.196	-2.419	-1.198
1611	16.10	1.305	4.379	7.074	8.604	8.654	7.450	5.590	3.720	2.246	1.203
1621	16.20	0.339	-0.671	-1.993	-3.519	-4.915	-5.788	-5.880	-5.173	-3.865	-2.252
1631	16.30	-0.583	1.017	2.522	3.917	5.100	5.852	5.905	5.068	3.343	0.970
1641	16.40	-1.646	-4.074	-6.003	-7.323	-8.104	-8.490	-8.583	-8.360	-7.693	-6.435
1651	16.50	-4.537	-2.122	0.525	3.036	5.089	6.496	7.236	7.405	7.133	6.502
1661	16.60	5.527	4.196	2.547	0.738	-0.953	-2.196	-2.730	-2.486	-1.640	-0.565
1671	16.70	0.304	0.648	0.405	-0.193	-0.716	-0.726	0.022	1.449	3.162	4.616
1681	16.80	5.350	5.192	4.338	3.255	2.443	2.174	2.323	2.407	1.806	0.089
1691	16.90	-2.715	-6.046	-8.989	-10.634	-10.474	-8.635	-5.849	-3.152	-1.451	-1.153
1701	17.00	-2.024	-3.340	-4.245	-4.158	-3.015	-1.256	0.412	1.397	1.477	0.895
1711	17.10	0.205	-0.017	0.566	1.915	3.677	5.379	6.635	7.266	7.288	6.807
1721	17.20	5.907	4.612	2.949	1.044	-0.827	-2.288	-3.023	-2.961	-2.377	-1.814
1731	17.30	-1.863	-2.865	-4.704	-6.793	-8.287	-8.415	-6.806	-3.623	0.523	4.840
1741	17.40	8.668	11.666	13.809	15.210	15.893	15.658	14.131	10.981	6.184	0.193
1751	17.50	-6.098	-11.599	-15.375	-16.950	-16.426	-14.383	-11.601	-8.760	-6.226	-4.025
1761	17.60	-1.960	0.196	2.537	4.969	7.262	9.160	10.465	11.083	10.990	10.186
1771	17.70	8.681	6.514	3.814	0.838	-2.049	-4.466	-6.147	-7.046	-7.361	-7.457
1781	17.80	-7.700	-8.297	-9.165	-10.043	-10.404	-9.824	-8.045	-5.078	-1.205	3.105
1791	17.90	7.308	10.886	13.415	14.596	14.265	12.402	9.153	4.838	-0.056	-4.923
1801	18.00	-9.124	-12.101	-13.487	-13.177	-11.342	-8.386	-4.849	-1.283	1.857	4.296
1811	18.10	5.965	6.978	7.563	7.970	8.387	8.876	9.355	9.618	9.394	8.431
1821	18.20	6.572	3.826	0.399	-3.311	-6.773	-9.427	-10.813	-10.691	-9.126	-6.486
1831	18.30	-3.367	-0.435	1.748	2.868	2.911	2.128	0.909	-0.360	-1.415	-2.146
1841	18.40	-2.571	-2.755	-2.749	-2.563	-2.194	-1.673	-1.091	-0.574	-0.222	-0.035
1851	18.50	0.115	0.444	1.149	2.296	3.752	5.213	6.314	6.786	6.559	5.783
1861	18.60	4.743	3.717	2.862	2.182	1.593	1.036	0.566	0.347	0.534	1.129
1871	18.70	1.869	2.259	1.759	0.001	-2.909	-6.418	-9.648	-11.720	-12.105	-10.836
1881	18.80	-8.497	-5.974	-4.091	-3.293	-3.512	-4.263	-4.910	-4.966	-4.274	-3.015
1891	18.90	-1.547	-0.187	0.943	1.921	2.906	3.966	4.967	5.599	5.530	4.604
1901	19.00	2.980	1.122	-0.370	-1.002	-0.605	0.606	2.121	3.372	3.963	3.828
1911	19.10	3.211	2.531	2.168	2.315	2.922	3.773	4.613	5.265	5.663	5.803
1921	19.20	5.647	5.066	3.852	1.835	-0.978	-4.299	-7.570	-10.103	-11.296	-10.844
1931	19.30	-8.854	-5.805	-2.378	0.771	3.203	4.785	5.635	5.996	6.081	5.983
1941	19.40	5.661	5.010	3.943	2.455	0.620	-1.446	-3.635	-5.855	-7.994	-9.867
1951	19.50	-11.177	-11.564	-10.713	-8.512	-5.175	-1.255	2.474	5.236	6.497	6.136
1961	19.60	4.467	2.114	-0.206	-1.909	-2.679	-2.485	-1.498	0.035	1.878	3.834
1971	19.70	5.716	7.293	8.311	8.531	7.837	6.316	4.263	2.104	0.238	-1.102
1981	19.80	-1.935	-2.496	-3.119	-4.072	-5.449	-7.135	-8.876	-10.384	-11.446	-11.950
1991	19.90	-11.864	-11.170	-9.816	-7.725	-4.863	-1.313	2.671	6.691	10.299	13.114

Table 7-74-5

TABLE OF CORRECTED ACCELERATION RECORD — NO. 5

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	14.921	15.697	15.560	14.676	13.173	11.111	8.502	5.384	1.871	-1.823
2011	20.10	-5.412	-8.595	-11.102	-12.708	-13.217	-12.450	-10.272	-6.661	-1.813	3.779
2021	20.20	9.335	13.911	16.622	16.891	14.638	10.319	4.805	-0.870	-5.792	-9.397
2031	20.30	-11.548	-12.478	-12.607	-12.339	-11.908	-11.318	-10.395	-8.909	-6.702	-3.788
2041	20.40	-0.362	3.241	6.852	9.564	11.792	13.282	14.052	14.123	13.446	11.893
2051	20.50	9.311	5.634	1.006	-4.165	-9.209	-13.330	-15.805	-16.190	-14.452	-10.980
2061	20.60	-6.471	-1.726	2.561	5.949	8.292	9.678	10.314	10.409	10.102	9.455
2071	20.70	8.470	7.127	5.401	3.264	0.692	-2.310	-5.654	-9.115	-12.309	-14.743
2081	20.80	-15.928	-15.536	-13.531	-10.223	-6.198	-2.157	1.288	3.778	5.276	6.011
2091	20.90	6.340	6.576	6.867	7.155	7.236	6.876	5.932	4.438	2.613	0.796
2101	21.00	-0.655	-1.477	-1.582	-1.069	-0.186	0.767	1.541	2.018	2.229	2.305
2111	21.10	2.375	2.465	2.444	2.050	1.009	-0.812	-3.280	-5.976	-8.295	-9.654
2121	21.20	-9.715	-8.527	-6.518	-4.330	-2.560	-1.522	-1.129	-0.961	-0.469	0.758
2131	21.30	2.797	5.362	7.826	9.646	10.364	9.858	8.288	5.982	3.277	0.414
2141	21.40	-2.467	-5.252	-7.752	-9.662	-10.603	-10.256	-8.517	-5.589	-1.969	1.690
2151	21.50	4.768	6.862	7.871	7.959	7.428	6.562	5.513	4.281	2.785	0.971
2161	21.60	-1.085	-3.156	-4.912	-6.034	-6.321	-5.765	-4.539	-2.932	-1.254	0.250
2171	21.70	1.428	2.213	2.582	2.525	2.045	1.186	0.085	-1.035	-1.881	-2.180
2181	21.80	-1.789	-0.769	0.605	1.920	2.764	2.879	2.260	1.155	-0.027	-0.867
2191	21.90	-1.088	-0.636	0.522	1.482	2.514	3.160	3.274	2.807	1.781	0.264
2201	22.00	-1.613	-3.630	-5.459	-6.708	-7.020	-6.209	-4.368	-1.889	0.638	2.614
2211	22.10	3.640	3.655	2.932	1.953	1.189	0.908	1.087	1.459	1.664	1.425
2221	22.20	0.657	-0.536	-1.961	-3.462	-5.002	-6.660	-8.412	-10.203	-11.671	-12.297
2231	22.30	-11.559	-9.152	-5.166	-0.122	5.158	9.794	13.114	14.835	15.089	14.295
2241	22.40	12.953	11.445	9.927	8.338	6.513	4.317	1.748	-1.047	-3.818	-6.301
2251	22.50	-8.292	-9.676	-10.404	-10.444	-9.746	-8.244	-5.899	-2.757	0.995	5.018
2261	22.60	8.873	12.093	14.292	15.241	14.913	13.471	11.216	8.507	5.676	2.957
2271	22.70	0.456	-1.844	-4.033	-6.201	-8.361	-10.398	-12.064	-13.044	-13.051	-11.947
2281	22.80	-9.824	-7.020	-4.041	-1.421	0.435	1.377	1.533	1.240	0.884	0.739
2291	22.90	0.853	1.048	1.020	0.514	-0.521	-1.668	-3.098	-3.739	-3.484	-2.340
2301	23.00	-0.658	0.988	2.023	2.104	1.267	-0.087	-1.347	-1.941	-1.563	-0.293
2311	23.10	1.447	3.069	4.056	4.158	3.464	2.343	1.264	0.601	0.493	0.810
2321	23.20	1.236	1.417	1.113	0.282	-0.923	-2.228	-3.357	-4.121	-4.459	-4.424
2331	23.30	-4.114	-3.617	-2.972	-2.179	-1.235	-0.180	0.880	1.795	2.426	2.710
2341	23.40	2.707	2.597	2.622	2.994	3.801	4.950	6.188	7.174	7.597	7.285
2351	23.50	6.262	4.731	2.992	1.337	-0.045	-1.106	-1.912	-2.572	-3.167	-3.702
2361	23.60	-4.113	-4.313	-4.241	-3.904	-3.367	-2.709	-1.984	-1.193	-0.303	0.707
2371	23.70	1.786	2.793	3.515	3.747	3.363	2.382	0.964	-0.645	-2.199	-3.534
2381	23.80	-4.606	-5.468	-6.213	-6.904	-7.530	-8.001	-8.180	-7.936	-7.181	-5.891
2391	23.90	-4.111	-1.939	0.473	2.925	5.179	6.983	8.117	8.448	7.966	6.790
2401	24.00	5.134	3.234	1.295	-0.548	-2.222	-3.673	-4.828	-5.569	-5.858	-5.590
2411	24.10	-4.841	-3.757	-2.528	-1.298	-0.103	1.143	2.573	4.263	6.132	7.912
2421	24.20	9.229	9.750	9.339	8.138	6.525	4.970	3.833	3.227	2.995	2.814
2431	24.30	2.384	1.594	0.580	-0.350	-0.890	-0.906	-0.531	-0.108	-0.024	-0.508
2441	24.40	-1.505	-2.677	-3.552	-3.726	-3.049	-1.680	-0.018	1.473	2.444	2.767
2451	24.50	2.534	1.956	1.234	0.463	-0.384	-1.401	-2.657	-4.128	-5.684	-7.124
2461	24.60	-8.241	-8.879	-8.950	-8.427	-7.329	-5.711	-3.682	-1.425	0.810	2.738
2471	24.70	4.117	4.819	4.866	4.420	3.706	2.928	2.206	1.562	0.968	0.414
2481	24.80	-0.051	-0.327	-0.318	-0.013	0.472	0.910	1.042	0.687	-0.182	-1.424
2491	24.90	-2.790	-4.017	-4.922	-5.421	-5.506	-5.176	-4.394	-3.093	-1.245	1.057

Table 7-74-6

TABLE OF CORRECTED ACCELERATION RECORD — NO. 6

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	3.545	5.813	7.429	8.088	7.735	6.588	5.059	3.590	2.492	1.854
2511	25.10	1.558	1.385	1.154	0.815	0.455	0.217	0.199	0.369	0.571	0.600
2521	25.20	0.322	-0.247	-0.932	-1.472	-1.651	-1.396	-0.822	-0.175	0.275	0.357
2531	25.30	0.062	-0.468	-1.023	-1.422	-1.596	-1.597	-1.552	-1.586	-1.747	-1.987
2541	25.40	-2.181	-2.193	-1.934	-1.400	-0.666	0.145	0.915	1.562	2.057	2.410
2551	25.50	2.645	2.775	2.787	2.647	2.313	1.758	0.991	0.064	-0.932	-1.882
2561	25.60	-2.678	-3.240	-3.541	-3.601	-3.475	-3.224	-2.887	-2.472	-1.970	-1.377
2571	25.70	-0.724	-0.089	0.423	0.713	0.736	0.527	0.193	-0.126	-0.317	-0.339
2581	25.80	-0.229	-0.078	0.030	0.069	0.095	0.220	0.560	1.169	2.000	2.917
2591	25.90	3.737	4.301	4.517	4.384	3.964	3.343	2.593	1.767	0.909	0.086
2601	26.00	-0.600	-1.026	-1.090	-0.759	-0.105	0.716	1.501	2.081	2.364	2.362
2611	26.10	2.156	1.836	1.452	0.980	0.343	-0.541	-1.702	-3.085	-4.550	-5.913
2621	26.20	-6.999	-7.688	-7.933	-7.753	-7.208	-6.378	-5.353	-4.231	-3.115	-2.108
2631	26.30	-1.280	-0.653	-0.180	0.231	0.680	1.216	1.805	2.330	2.638	2.612
2641	26.40	2.239	1.629	0.988	0.538	0.422	0.646	1.072	1.476	1.640	1.437
2651	26.50	0.879	0.100	-0.700	-1.337	-1.687	-1.708	-1.411	-0.828	0.010	1.070
2661	26.60	2.278	3.502	4.542	5.178	5.240	4.681	3.611	2.274	0.969	-0.052
2671	26.70	-0.656	-0.856	-0.765	-0.521	-0.217	0.135	0.571	1.112	1.707	2.216
2681	26.80	2.459	2.298	1.726	0.895	0.071	-0.473	-0.580	-0.291	0.172	0.496
2691	26.90	0.417	-0.159	-1.113	-2.170	-3.017	-3.431	-3.359	-2.907	-2.261	-1.577
2701	27.00	-0.916	-0.237	0.529	1.390	2.235	2.849	2.993	2.529	1.496	0.127
2711	27.10	-1.242	-2.300	-2.889	-3.058	-3.018	-3.035	-3.292	-3.810	-4.449	-4.982
2721	27.20	-5.210	-5.045	-4.534	-3.804	-2.983	-2.121	-1.178	-0.064	1.278	2.807
2731	27.30	4.361	5.699	6.588	6.881	6.561	5.729	4.550	3.193	1.789	0.436
2741	27.40	-0.771	-1.710	-2.234	-2.205	-1.559	-0.357	1.201	2.819	4.185	5.064
2751	27.50	5.364	5.141	4.569	3.866	3.232	2.795	2.605	2.634	2.798	2.979
2761	27.60	3.046	2.878	2.396	1.589	0.523	-0.670	-1.840	-2.874	-3.731	-4.450
2771	27.70	-5.102	-5.728	-6.283	-6.630	-6.595	-6.059	-5.047	-3.755	-2.497	-1.583
2781	27.80	-1.182	-1.240	-1.502	-1.625	-1.352	-0.642	0.289	1.063	1.313	0.859
2791	27.90	-0.192	-1.480	-2.546	-3.026	-2.800	-2.028	-1.050	-0.223	0.249	0.379
2801	28.00	0.362	0.439	0.757	1.281	1.823	2.152	2.123	1.769	1.283	0.920
2811	28.10	0.857	1.092	1.445	1.646	1.482	0.915	0.113	-0.622	-0.998	-0.877
2821	28.20	-0.336	0.372	0.947	1.194	1.119	0.917	0.875	1.209	1.953	2.917
2831	28.30	3.772	4.191	3.994	3.228	2.142	1.070	0.293	-0.073	-0.094	0.037
2841	28.40	0.122	0.059	-0.116	-0.256	-0.200	0.137	0.702	1.317	1.749	1.803
2851	28.50	1.396	0.578	-0.502	-1.658	-2.735	-3.641	-4.338	-4.816	-5.057	-5.032
2861	28.60	-4.715	-4.124	-3.338	-2.501	-1.781	-1.311	-1.140	-1.215	-1.407	-1.565
2871	28.70	-1.580	-1.433	-1.185	-0.945	-0.808	-0.803	-0.880	-0.928	-0.839	-0.561
2881	28.80	-0.136	0.305	0.589	0.571	0.200	-0.442	-1.154	-1.673	-1.752	-1.254
2891	28.90	-0.191	1.280	2.819	4.180	5.112	5.524	5.483	5.170	4.803	4.538
2901	29.00	4.413	4.334	4.129	3.637	2.788	1.656	0.435	-0.636	-1.366	-1.694
2911	29.10	-1.705	-1.589	-1.546	-1.696	-2.022	-2.383	-2.586	-2.482	-2.036	-1.348
2921	29.20	-0.611	-0.020	0.305	0.371	0.293	0.235	0.333	0.635	1.094	1.599
2931	29.30	2.035	2.336	2.497	2.561	2.572	2.542	2.435	2.190	1.763	1.161
2941	29.40	0.458	-0.227	-0.775	-1.112	-1.241	-1.231	-1.188	-1.211	-1.355	-1.622
2951	29.50	-1.972	-2.348	-2.700	-2.995	-3.210	-3.329	-3.335	-3.220	-3.007	-2.755
2961	29.60	-2.562	-2.531	-2.734	-3.170	-3.747	-4.299	-4.636	-4.610	-4.163	-3.352
2971	29.70	-2.326	-1.266	-0.327	0.417	0.984	1.462	1.954	2.529	3.183	3.835
2981	29.80	4.361	4.632	4.568	4.165	3.500	2.709	1.954	1.374	1.064	1.052
2991	29.90	1.310	1.766	2.341	2.961	3.575	4.150	4.653	5.038	5.228	5.131

Table 7-74-7

TABLE OF CORRECTED ACCELERATION RECORD

NO. 7

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	4.658	3.765	2.487	0.965	-0.669	-2.142	-3.299	-4.052	-4.413	-4.472
3011	30.10	-4.345	-4.117	-3.805	-3.366	-2.740	-1.909	-0.942	0.001	0.713	1.015
3021	30.20	0.833	0.238	-0.573	-1.345	-1.857	-2.003	-1.818	-1.454	-1.107	-0.927
3031	30.30	-0.970	-1.177	-1.421	-1.572	-1.560	-1.406	-1.207	-1.083	-1.120	-1.319
3041	30.40	-1.591	-1.785	-1.749	-1.395	-0.738	0.097	0.911	1.493	1.693	1.466
3051	30.50	0.895	0.156	-0.532	-0.987	-1.115	-0.936	-0.561	-0.136	0.225	0.489
3061	30.60	0.718	1.033	1.553	2.330	3.313	4.354	5.261	5.865	6.084	5.938
3071	30.70	5.532	5.001	4.451	3.927	3.415	2.876	2.286	1.664	1.065	0.546
3081	30.80	0.126	-0.238	-0.641	-1.185	-1.930	-2.844	-3.809	-4.645	-5.178	-5.292
3091	30.90	-4.961	-4.250	-3.282	-2.200	-1.130	-0.177	0.579	1.073	1.265	1.153
3101	31.00	0.790	0.289	-0.202	-0.545	-0.665	-0.583	-0.414	-0.314	-0.418	-0.768
3111	31.10	-1.292	-1.827	-2.186	-2.239	-1.968	-1.481	-0.962	-0.604	-0.526	-0.736
3121	31.20	-1.133	-1.552	-1.828	-1.854	-1.604	-1.131	-0.539	0.058	0.561	0.904
3131	31.30	1.058	1.028	0.853	0.599	0.353	0.209	0.242	0.482	0.898	1.401
3141	31.40	1.866	2.171	2.232	2.034	1.633	1.139	0.674	0.341	0.192	0.217
3151	31.50	0.360	0.538	0.676	0.725	0.680	0.571	0.450	0.367	0.352	0.412
3161	31.60	0.528	0.682	0.864	1.086	1.378	1.749	2.179	2.592	2.867	2.875
3171	31.70	2.526	1.814	0.838	-0.227	-1.189	-1.910	-2.351	-2.588	-2.759	-2.993
3181	31.80	-3.343	-3.748	-4.063	-4.121	-3.821	-3.175	-2.317	-1.441	-0.726	-0.260
3191	31.90	-0.016	0.120	0.280	0.544	0.897	1.241	1.451	1.433	1.171	0.733
3201	32.00	0.229	-0.237	-0.610	-0.896	-1.131	-1.345	-1.529	-1.630	-1.581	-1.338
3211	32.10	-0.911	-0.366	0.197	0.685	1.042	1.267	1.393	1.461	1.499	1.510
3221	32.20	1.486	1.426	1.349	1.291	1.285	1.337	1.424	1.497	1.515	1.465
3231	32.30	1.380	1.321	1.341	1.452	1.606	1.709	1.659	1.397	0.932	0.345
3241	32.40	-0.243	-0.724	-1.040	-1.199	-1.262	-1.300	-1.365	-1.465	-1.578	-1.671
3251	32.50	-1.730	-1.774	-1.840	-1.959	-2.121	-2.256	-2.250	-1.973	-1.330	-0.311
3261	32.60	0.991	2.384	3.617	4.439	4.665	4.226	3.185	1.721	0.078	-1.504
3271	32.70	-2.847	-3.870	-4.582	-5.046	-5.318	-5.409	-5.266	-4.807	-3.967	-2.757
3281	32.80	-1.283	0.269	1.691	2.816	3.571	3.969	4.082	3.973	3.656	3.091
3291	32.90	2.220	1.034	-0.381	-1.843	-3.116	-3.998	-4.396	-4.354	-4.023	-3.581
3301	33.00	-3.142	-2.709	-2.182	-1.430	-0.380	0.911	2.262	3.427	4.199	4.496
3311	33.10	4.398	4.101	3.825	3.712	3.761	3.841	3.758	3.360	2.615	1.631
3321	33.20	0.613	-0.220	-0.721	-0.869	-0.752	-0.515	-0.285	-0.119	0.006	0.162
3331	33.30	0.418	0.786	1.207	1.575	1.780	1.762	1.528	1.151	0.730	0.335
3341	33.40	-0.019	-0.384	-0.847	-1.482	-2.303	-3.242	-4.154	-4.861	-5.203	-5.091
3351	33.50	-4.529	-3.609	-2.478	-1.300	-0.212	0.688	1.350	1.756	1.904	1.806
3361	33.60	1.487	0.995	0.406	-0.183	-0.668	-0.966	-1.033	-0.875	-0.539	-0.102
3371	33.70	0.356	0.765	1.073	1.245	1.267	1.141	0.897	0.597	0.327	0.184
3381	33.80	0.242	0.520	0.968	1.463	1.847	1.974	1.758	1.204	0.404	-0.495
3391	33.90	-1.337	-2.001	-2.424	-2.596	-2.539	-2.279	-1.828	-1.190	-0.375	0.575
3401	34.00	1.575	2.505	3.239	3.675	3.769	3.545	3.082	2.490	1.869	1.289
3411	34.10	0.781	0.337	-0.060	-0.424	-0.748	-1.007	-1.164	-1.193	-1.087	-0.867
3421	34.20	-0.575	-0.267	0.011	0.229	0.379	0.473	0.529	0.558	0.556	0.505
3431	34.30	0.380	0.163	-0.143	-0.508	-0.891	-1.246	-1.551	-1.813	-2.072	-2.376
3441	34.40	-2.760	-3.210	-3.657	-3.984	-4.055	-3.761	-3.062	-2.007	-0.727	0.597
3451	34.50	1.784	2.700	3.285	3.558	3.591	3.471	3.268	3.015	2.709	2.330
3461	34.60	1.867	1.332	0.766	0.220	-0.258	-0.643	-0.938	-1.158	-1.317	-1.413
3471	34.70	-1.426	-1.331	-1.117	-0.806	-0.459	-0.156	0.029	0.063	-0.034	-0.189
3481	34.80	-0.307	-0.308	-0.159	0.108	0.417	0.671	0.790	0.739	0.524	0.188
3491	34.90	-0.220	-0.659	-1.103	-1.532	-1.918	-2.216	-2.370	-2.335	-2.100	-1.701

Table 7-74-8

TABLE OF CORRECTED ACCELERATION RECORD

NO. 8

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-1.217	-0.748	-0.371	-0.112	0.066	0.251	0.539	0.995	1.612	2.308
3511	35.10	2.948	3.385	3.508	3.279	2.745	2.018	1.244	0.560	0.062	-0.217
3521	35.20	-0.304	-0.272	-0.213	-0.214	-0.327	-0.562	-0.885	-1.224	-1.499	-1.640
3531	35.30	-1.614	-1.427	-1.125	-0.773	-0.434	-0.153	0.052	0.182	0.237	0.213
3541	35.40	0.092	-0.144	-0.495	-0.924	-1.363	-1.722	-1.923	-1.926	-1.748	-1.456
3551	35.50	-1.134	-0.849	-0.624	-0.437	-0.237	0.013	0.311	0.606	0.816	0.879
3561	35.60	0.782	0.584	0.394	0.326	0.444	0.728	1.076	1.348	1.428	1.274
3571	35.70	0.933	0.519	0.151	-0.096	-0.222	-0.293	-0.385	-0.537	-0.720	-0.842
3581	35.80	-0.796	-0.525	-0.060	0.477	0.919	1.120	1.015	0.646	0.138	-0.357
3591	35.90	-0.720	-0.907	-0.943	-0.892	-0.806	-0.701	-0.557	-0.344	-0.059	0.251
3601	36.00	0.502	0.608	0.534	0.319	0.077	-0.045	0.073	0.478	1.120	1.873
3611	36.10	2.578	3.098	3.353	3.330	3.072	2.643	2.109	1.521	0.916	0.324
3621	36.20	-0.230	-0.722	-1.135	-1.463	-1.704	-1.852	-1.891	-1.793	-1.528	-1.085
3631	36.30	-0.484	0.219	0.937	1.581	2.078	2.386	2.493	2.405	2.129	1.672
3641	36.40	1.050	0.301	-0.499	-1.240	-1.806	-2.108	-2.120	-1.892	-1.532	-1.164
3651	36.50	-0.883	-0.718	-0.635	-0.565	-0.445	-0.263	-0.065	0.059	0.018	-0.242
3661	36.60	-0.711	-1.317	-1.960	-2.543	-3.002	-3.313	-3.479	-3.504	-3.383	-3.092
3671	36.70	-2.614	-1.952	-1.150	-0.288	0.533	1.230	1.753	2.105	2.324	2.463
3681	36.80	2.563	2.634	2.661	2.611	2.460	2.206	1.871	1.497	1.125	0.780
3691	36.90	0.468	0.177	-0.113	-0.412	-0.719	-1.014	-1.264	-1.432	-1.481	-1.384
3701	37.00	-1.122	-0.695	-0.123	0.552	1.266	1.942	2.505	2.898	3.095	3.108
3711	37.10	2.975	2.749	2.473	2.170	1.835	1.445	0.976	0.419	-0.213	-0.878
3721	37.20	-1.516	-2.067	-2.479	-2.723	-2.791	-2.696	-2.468	-2.142	-1.761	-1.366
3731	37.30	-0.992	-0.668	-0.412	-0.233	-0.136	-0.125	-0.205	-0.383	-0.657	-1.013
3741	37.40	-1.417	-1.819	-2.165	-2.412	-2.541	-2.561	-2.494	-2.360	-2.158	-1.857
3751	37.50	-1.409	-0.774	0.047	0.989	1.927	2.702	3.171	3.248	2.943	2.357
3761	37.60	1.655	1.016	0.574	0.392	0.444	0.639	0.859	0.996	0.988	0.830
3771	37.70	0.567	0.279	0.047	-0.065	-0.033	0.127	0.362	0.601	0.774	0.830
3781	37.80	0.755	0.563	0.294	-0.004	-0.290	-0.536	-0.727	-0.856	-0.914	-0.893
3791	37.90	-0.793	-0.628	-0.433	-0.259	-0.150	-0.130	-0.181	-0.247	-0.249	-0.120
3801	38.00	0.171	0.601	1.104	1.594	1.997	2.273	2.415	2.434	2.339	2.121
3811	38.10	1.759	1.243	0.601	-0.091	-0.722	-1.187	-1.428	-1.467	-1.403	-1.372
3821	38.20	-1.489	-1.791	-2.215	-2.623	-2.855	-2.794	-2.416	-1.792	-1.057	-0.352
3831	38.30	0.231	0.667	0.990	1.251	1.482	1.671	1.770	1.733	1.544	1.240
3841	38.40	0.900	0.611	0.427	0.347	0.313	0.247	0.089	-0.165	-0.459	-0.697
3851	38.50	-0.787	-0.679	-0.393	-0.005	0.382	0.679	0.844	0.883	0.842	0.772
3861	38.60	0.703	0.634	0.537	0.378	0.140	-0.162	-0.485	-0.775	-0.986	-1.096
3871	38.70	-1.113	-1.068	-1.000	-0.939	-0.900	-0.886	-0.889	-0.903	-0.929	-0.972
3881	38.80	-1.042	-1.145	-1.281	-1.436	-1.585	-1.692	-1.716	-1.617	-1.368	-0.969
3691	38.90	-0.454	0.105	0.611	0.965	1.095	0.985	0.684	0.295	-0.059	-0.273
3901	39.00	-0.294	-0.142	0.110	0.364	0.536	0.589	0.538	0.435	0.339	0.288
3911	39.10	0.286	0.313	0.348	0.383	0.442	0.559	0.761	1.037	1.330	1.549
3921	39.20	1.605	1.448	1.096	0.635	0.190	-0.119	-0.220	-0.114	0.131	0.409
3931	39.30	0.615	0.681	0.587	0.355	0.035	-0.322	-0.674	-0.991	-1.246	-1.416
3941	39.40	-1.477	-1.410	-1.220	-0.932	-0.598	-0.279	-0.032	0.111	0.147	0.105
3951	39.50	0.032	-0.019	-0.002	0.107	0.311	0.591	0.906	1.207	1.442	1.572
3961	39.60	1.582	1.481	1.306	1.107	0.930	0.808	0.744	0.721	0.703	0.658
3971	39.70	0.562	0.408	0.204	-0.033	-0.282	-0.516	-0.709	-0.834	-0.866	-0.793
3981	39.80	-0.624	-0.389	-0.140	0.067	0.188	0.201	0.118	-0.031	-0.208	-0.383
3991	39.90	-0.541	-0.678	-0.791	-0.872	-0.901	-0.857	-0.731	-0.535	-0.303	-0.080

Table 7-74-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.098	0.219	0.303	0.385	0.497	0.650	0.818	0.955	1.009	0.957
4011	40.10	0.807	0.604	0.400	0.231	0.099	-0.033	-0.216	-0.492	-0.865	-1.292
4021	40.20	-1.700	-2.009	-2.161	-2.137	-1.958	-1.670	-1.325	-0.962	-0.608	-0.275
4031	40.30	0.024	0.277	0.468	0.592	0.653	0.674	0.680	0.695	0.725	0.762
4041	40.40	0.788	0.787	0.765	0.741	0.750	0.816	0.947	1.122	1.298	1.429
4051	40.50	1.485	1.460	1.374	1.259	1.147	1.050	0.960	0.857	0.722	0.551
4061	40.60	0.359	0.178	0.038	-0.041	-0.070	-0.082	-0.129	-0.264	-0.522	-0.907
4071	40.70	-1.389	-1.911	-2.402	-2.799	-3.064	-3.190	-3.200	-3.136	-3.036	-2.917
4081	40.80	-2.768	-2.551	-2.215	-1.725	-1.073	-0.298	0.528	1.309	1.959	2.417
4091	40.90	2.663	2.713	2.612	2.412	2.161	1.893	1.625	1.359	1.088	0.799
4101	41.00	0.481	0.134	-0.231	-0.583	-0.875	-1.059	-1.096	-0.982	-0.746	-0.453
4111	41.10	-0.177	0.023	0.127	0.163	0.192	0.281	0.468	0.743	1.047	1.295
4121	41.20	1.410	1.351	1.132	0.808	0.451	0.117	-0.172	-0.429	-0.684	-0.963
4131	41.30	-1.264	-1.556	-1.787	-1.908	-1.889	-1.730	-1.455	-1.099	-0.695	-0.271
4141	41.40	0.166	0.531	0.845	1.053	1.129	1.073	0.918	0.724	0.555	0.459
4151	41.50	0.447	0.493	0.547	0.564	0.526	0.444	0.356	0.297	0.278	0.274
4161	41.60	0.230	0.092	-0.171	-0.540	-0.954	-1.325	-1.575	-1.663	-1.595	-1.416
4171	41.70	-1.187	-0.953	-0.728	-0.502	-0.253	0.025	0.306	0.540	0.668	0.657
4181	41.80	0.514	0.294	0.080	-0.050	-0.058	0.040	0.182	0.289	0.305	0.227
4191	41.90	0.104	0.023	0.065	0.267	0.605	0.996	1.333	1.528	1.552	1.436
4201	42.00	1.263	1.121	1.064	1.086	1.126	1.097	0.930	0.607	0.178	-0.262
4211	42.10	-0.609	-0.792	-0.800	-0.680	-0.509	-0.354	-0.242	-0.146	-0.007	0.232
4221	42.20	0.593	1.041	1.491	1.832	1.973	1.866	1.520	0.995	0.373	-0.262
4231	42.30	-0.841	-1.310	-1.633	-1.777	-1.725	-1.483	-1.092	-0.628	-0.192	0.124
4241	42.40	0.268	0.249	0.139	0.040	0.046	0.198	0.469	0.771	0.997	1.061
4251	42.50	0.935	0.652	0.291	-0.067	-0.370	-0.612	-0.818	-1.018	-1.218	-1.382
4261	42.60	-1.453	-1.382	-1.162	-0.850	-0.552	-0.383	-0.420	-0.656	-1.003	-1.314
4271	42.70	-1.446	-1.309	-0.910	-0.342	0.249	0.718	0.970	0.984	0.805	0.509
4281	42.80	0.171	-0.165	-0.482	-0.782	-1.060	-1.294	-1.448	-1.492	-1.423	-1.273
4291	42.90	-1.100	-0.962	-0.890	-0.861	-0.815	-0.671	-0.374	0.077	0.621	1.150
4301	43.00	1.549	1.737	1.691	1.451	1.093	0.693	0.303	-0.060	-0.408	-0.756
4311	43.10	-1.097	-1.397	-1.605	-1.671	-1.571	-1.317	-0.954	-0.540	-0.120	0.282
4321	43.20	0.668	1.053	1.443	1.825	2.163	2.405	2.505	2.433	2.190	1.804
4331	43.30	1.321	0.795	0.283	-0.166	-0.506	-0.713	-0.775	-0.705	-0.540	-0.331
4341	43.40	-0.134	0.012	0.089	0.108	0.098	0.089	0.105	0.147	0.203	0.254
4351	43.50	0.280	0.271	0.218	0.115	-0.047	-0.275	-0.561	-0.879	-1.172	-1.370
4361	43.60	-1.407	-1.247	-0.901	-0.428	0.084	0.546	0.897	1.120	1.238	1.289
4371	43.70	1.307	1.299	1.254	1.148	0.973	0.749	0.519	0.335	0.238	0.234
4381	43.80	0.299	0.385	0.451	0.477	0.474	0.474	0.509	0.589	0.701	0.807
4391	43.90	0.866	0.855	0.774	0.644	0.492	0.331	0.154	-0.066	-0.355	-0.719
4401	44.00	-1.132	-1.534	-1.850	-2.012	-1.988	-1.783	-1.446	-1.042	-0.640	-0.292
4411	44.10	-0.027	0.148	0.240	0.262	0.226	0.148	0.046	-0.060	-0.150	-0.207
4421	44.20	-0.232	-0.239	-0.254	-0.308	-0.420	-0.587	-0.783	-0.958	-1.054	-1.023
4431	44.30	-0.840	-0.520	-0.109	0.320	0.687	0.930	1.015	0.948	0.770	0.540
4441	44.40	0.318	0.146	0.038	-0.019	-0.053	-0.095	-0.162	-0.251	-0.341	-0.403
4451	44.50	-0.414	-0.365	-0.271	-0.160	-0.064	-0.011	-0.009	-0.048	-0.104	-0.148
4461	44.60	-0.155	-0.111	-0.017	0.117	0.277	0.445	0.608	0.754	0.871	0.946
4471	44.70	0.966	0.918	0.800	0.619	0.391	0.140	-0.110	-0.340	-0.536	-0.696
4481	44.80	-0.818	-0.903	-0.949	-0.958	-0.928	-0.865	-0.774	-0.659	-0.513	-0.326
4491	44.90	-0.079	0.240	0.626	1.046	1.445	1.754	1.912	1.882	1.665	1.299

Table 7-74-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.843	0.358	-0.106	-0.522	-0.882	-1.183	-1.425	-1.600	-1.700	-1.727
4511	45.10	-1.689	-1.601	-1.475	-1.304	-1.062	-0.711	-0.226	0.384	1.063	1.711
4521	45.20	2.214	2.477	2.461	2.190	1.739	1.204	0.661	0.148	-0.337	-0.810
4531	45.30	-1.278	-1.712	-2.052	-2.225	-2.181	-1.915	-1.476	-0.948	-0.421	0.041
4541	45.40	0.407	0.680	0.872	0.984	1.004	0.911	0.700	0.401	0.079	-0.182
4551	45.50	-0.314	-0.291	-0.147	0.041	0.182	0.214	0.131	-0.012	-0.125	-0.120
4561	45.60	0.048	0.367	0.768	1.157	1.446	1.583	1.563	1.417	1.195	0.943
4571	45.70	0.686	0.428	0.163	-0.115	-0.396	-0.651	-0.838	-0.916	-0.858	-0.666
4581	45.80	-0.371	-0.032	0.286	0.528	0.669	0.718	0.708	0.681	0.662	0.640
4591	45.90	0.573	0.402	0.083	-0.385	-0.944	-1.495	-1.919	-2.130	-2.102	-1.877
4601	46.00	-1.554	-1.239	-1.010	-0.887	-0.831	-0.769	-0.638	-0.412	-0.115	0.189
4611	46.10	0.428	0.549	0.542	0.431	0.262	0.071	-0.124	-0.326	-0.545	-0.780
4621	46.20	-1.008	-1.185	-1.265	-1.219	-1.052	-0.800	-0.517	-0.253	-0.036	0.132
4631	46.30	0.270	0.399	0.529	0.649	0.736	0.768	0.740	0.665	0.574	0.495
4641	46.40	0.442	0.405	0.361	0.285	0.173	0.049	-0.042	-0.049	0.056	0.267
4651	46.50	0.536	0.794	0.977	1.053	1.034	0.965	0.900	0.877	0.892	0.905
4661	46.60	0.859	0.713	0.466	0.169	-0.095	-0.245	-0.236	-0.085	0.137	0.331
4671	46.70	0.413	0.350	0.168	-0.058	-0.238	-0.307	-0.249	-0.097	0.089	0.251
4681	46.80	0.356	0.410	0.439	0.472	0.514	0.547	0.529	0.423	0.212	-0.083
4691	46.90	-0.415	-0.719	-0.940	-1.044	-1.024	-0.897	-0.694	-0.453	-0.216	-0.022
4701	47.00	0.089	0.093	-0.013	-0.203	-0.419	-0.588	-0.642	-0.542	-0.292	0.059
4711	47.10	0.437	0.764	0.983	1.071	1.039	0.921	0.759	0.592	0.447	0.342
4721	47.20	0.282	0.262	0.264	0.258	0.214	0.107	-0.067	-0.287	-0.512	-0.698
4731	47.30	-0.814	-0.859	-0.856	-0.838	-0.825	-0.809	-0.752	-0.613	-0.374	-0.061
4741	47.40	0.253	0.470	0.516	0.372	0.092	-0.217	-0.437	-0.491	-0.373	-0.151
4751	47.50	0.070	0.196	0.185	0.057	-0.126	-0.296	-0.420	-0.509	-0.601	-0.727
4761	47.60	-0.875	-0.988	-0.979	-0.778	-0.377	0.156	0.697	1.116	1.329	1.339
4771	47.70	1.234	1.138	1.159	1.335	1.614	1.882	2.008	1.905	1.561	1.042
4781	47.80	0.461	-0.072	-0.489	-0.779	-0.981	-1.151	-1.329	-1.520	-1.693	-1.796
4791	47.90	-1.785	-1.640	-1.373	-1.027	-0.658	-0.316	-0.036	0.173	0.318	0.420
4801	48.00	0.498	0.560	0.593	0.574	0.472	0.269	-0.031	-0.391	-0.748	-1.028
4811	48.10	-1.165	-1.131	-0.937	-0.634	-0.294	0.016	0.253	0.406	0.487	0.519
4821	48.20	0.518	0.486	0.415	0.296	0.136	-0.042	-0.202	-0.314	-0.364	-0.366
4831	48.30	-0.347	-0.340	-0.363	-0.411	-0.458	-0.474	-0.436	-0.346	-0.224	-0.098
4841	48.40	0.013	0.108	0.206	0.328	0.482	0.650	0.785	0.830	0.746	0.526
4851	48.50	0.210	-0.130	-0.415	-0.587	-0.627	-0.565	-0.458	-0.367	-0.331	-0.358
4861	48.60	-0.424	-0.489	-0.518	-0.497	-0.432	-0.342	-0.247	-0.153	-0.050	0.078
4871	48.70	0.242	0.435	0.629	0.779	0.840	0.791	0.639	0.429	0.222	0.081
4881	48.80	0.042	0.107	0.240	0.383	0.481	0.502	0.452	0.367	0.303	0.306
4891	48.90	0.395	0.555	0.738	0.889	0.961	0.937	0.829	0.675	0.514	0.376
4901	49.00	0.269	0.181	0.097	0.007	-0.084	-0.158	-0.200	-0.207	-0.201	-0.219
4911	49.10	-0.297	-0.451	-0.658	-0.859	-0.974	-0.936	-0.717	-0.350	0.085	0.482
4921	49.20	0.750	0.847	0.790	0.648	0.509	0.440	0.465	0.553	0.641	0.661
4931	49.30	0.577	0.401	0.187	0.012	-0.060	-0.004	0.155	0.355	0.520	0.589
4941	49.40	0.537	0.377	0.148	-0.108	-0.361	-0.602	-0.837	-1.076	-1.321	-1.556
4951	49.50	-1.755	-1.897	-1.972	-1.992	-1.979	-1.957	-1.932	-1.887	-1.789	-1.604
4961	49.60	-1.319	-0.955	-0.563	-0.211	0.048	0.197	0.263	0.308	0.402	0.588
4971	49.70	0.864	1.178	1.448	1.595	1.575	1.393	1.103	0.784	0.509	0.323
4981	49.80	0.229	0.202	0.202	0.200	0.185	0.166	0.157	0.167	0.193	0.218
4991	49.90	0.221	0.195	0.142	0.082	0.035	0.015	0.026	0.058	0.104	0.160

Table 7-74-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.236	0.344	0.491	0.664	0.827	0.934	0.945	0.847	0.663	0.453
5011	50.10	0.290	0.231	0.296	0.454	0.638	0.770	0.792	0.693	0.509	0.309
5021	50.20	0.166	0.125	0.182	0.286	0.356	0.318	0.130	-0.196	-0.599	-0.991
5031	50.30	-1.288	-1.439	-1.443	-1.349	-1.233	-1.166	-1.187	-1.286	-1.412	-1.490
5041	50.40	-1.453	-1.270	-0.958	-0.575	-0.198	0.103	0.296	0.386	0.412	0.422
5051	50.50	0.452	0.509	0.577	0.624	0.626	0.579	0.502	0.423	0.366	0.333
5061	50.60	0.307	0.260	0.174	0.060	-0.043	-0.077	0.009	0.231	0.558	0.913
5071	50.70	1.201	1.342	1.300	1.097	0.804	0.511	0.293	0.183	0.166	0.189
5081	50.80	0.188	0.118	-0.032	-0.237	-0.448	-0.622	-0.734	-0.795	-0.838	-0.901
5091	50.90	-1.010	-1.157	-1.302	-1.383	-1.342	-1.143	-0.793	-0.340	0.137	0.558
5101	51.00	0.857	1.004	1.006	0.896	0.716	0.497	0.257	-0.003	-0.281	-0.564
5111	51.10	-0.822	-1.010	-1.088	-1.039	-0.880	-0.663	-0.460	-0.332	-0.307	-0.370
5121	51.20	-0.467	-0.533	-0.517	-0.409	-0.242	-0.077	0.023	0.025	-0.064	-0.196
5131	51.30	-0.308	-0.343	-0.281	-0.136	0.052	0.237	0.392	0.519	0.642	0.791
5141	51.40	0.983	1.207	1.429	1.602	1.685	1.659	1.528	1.315	1.045	0.741
5151	51.50	0.414	0.069	-0.280	-0.610	-0.880	-1.051	-1.090	-0.994	-0.785	-0.514
5161	51.60	-0.240	-0.010	0.145	0.225	0.245	0.228	0.191	0.136	0.056	-0.062
5171	51.70	-0.227	-0.434	-0.664	-0.890	-1.079	-1.202	-1.238	-1.176	-1.020	-0.781
5181	51.80	-0.483	-0.154	0.173	0.464	0.691	0.835	0.887	0.851	0.739	0.576
5191	51.90	0.389	0.211	0.070	-0.012	-0.027	0.012	0.077	0.131	0.139	0.084
5201	52.00	-0.023	-0.147	-0.234	-0.233	-0.114	0.120	0.432	0.765	1.061	1.273
5211	52.10	1.382	1.388	1.305	1.149	0.927	0.647	0.320	-0.033	-0.373	-0.656
5221	52.20	-0.843	-0.915	-0.879	-0.765	-0.611	-0.447	-0.256	-0.118	0.074	0.303
5231	52.30	0.563	0.827	1.054	1.205	1.255	1.204	1.069	0.875	0.644	0.386
5241	52.40	0.105	-0.197	-0.507	-0.803	-1.052	-1.230	-1.328	-1.356	-1.341	-1.313
5251	52.50	-1.290	-1.272	-1.236	-1.155	-1.004	-0.775	-0.482	-0.151	0.187	0.503
5261	52.60	0.776	0.990	1.125	1.162	1.078	0.860	0.515	0.072	-0.414	-0.873
5271	52.70	-1.241	-1.471	-1.545	-1.478	-1.305	-1.077	-0.840	-0.632	-0.473	-0.362
5281	52.80	-0.280	-0.198	-0.085	0.082	0.304	0.554	0.784	0.937	0.966	0.854
5291	52.90	0.625	0.335	0.056	-0.154	-0.268	-0.300	-0.295	-0.300	-0.346	-0.422
5301	53.00	-0.486	-0.483	-0.373	-0.153	0.134	0.418	0.634	0.746	0.764	0.741
5311	53.10	0.742	0.811	0.949	1.108	1.214	1.199	1.035	0.751	0.423	0.144
5321	53.20	-0.012	-0.019	0.097	0.273	0.444	0.568	0.643	0.696	0.761	0.851
5331	53.30	0.941	0.973	0.882	0.630	0.230	-0.255	-0.723	-1.080	-1.270	-1.295
5341	53.40	-1.215	-1.114	-1.064	-1.097	-1.192	-1.287	-1.312	-1.224	-1.020	-0.743
5351	53.50	-0.457	-0.227	-0.085	-0.031	-0.035	-0.057	-0.069	-0.060	-0.039	-0.021
5361	53.60	-0.017	-0.021	-0.021	-0.004	0.029	0.055	0.038	-0.060	-0.258	-0.541
5371	53.70	-0.858	-1.135	-1.294	-1.280	-1.078	-0.720	-0.272	0.183	0.575	0.859
5381	53.80	1.032	1.120	1.165	1.203	1.248	1.285	1.280	1.193	1.005	0.726
5391	53.90	0.398	0.086	-0.146	-0.259	-0.244	-0.128	0.046	0.233	0.407	0.558
5401	54.00	0.692	0.811	0.902	0.941	0.900	0.764	0.552	0.313	0.113	0.011
5411	54.10	0.028	0.138	0.274	0.354	0.313	0.139	-0.130	-0.413	-0.619	-0.687
5421	54.20	-0.604	-0.407	-0.167	0.046	0.182	0.232	0.219	0.178	0.142	0.119
5431	54.30	0.098	0.056	-0.026	-0.152	-0.306	-0.457	-0.573	-0.633	-0.634	-0.590
5441	54.40	-0.529	-0.475	-0.446	-0.443	-0.455	-0.459	-0.436	-0.367	-0.259	-0.124
5451	54.50	0.015	0.133	0.213	0.253	0.260	0.251	0.238	0.222	0.193	0.131
5461	54.60	0.019	-0.148	-0.357	-0.580	-0.781	-0.931	-1.018	-1.044	-1.023	-0.966
5471	54.70	-0.876	-0.744	-0.556	-0.310	-0.021	0.275	0.533	0.714	0.802	0.813
5481	54.80	0.781	0.750	0.747	0.774	0.805	0.803	0.736	0.598	0.406	0.198
5491	54.90	0.009	-0.141	-0.256	-0.356	-0.462	-0.578	-0.687	-0.751	-0.735	-0.622

Table 7-74-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.424	-0.186	0.034	0.188	0.252	0.238	0.185	0.137	0.125	0.155
5511	55.10	0.211	0.265	0.298	0.306	0.307	0.322	0.366	0.428	0.475	0.463
5521	55.20	0.356	0.149	-0.128	-0.414	-0.638	-0.747	-0.723	-0.589	-0.398	-0.207
5531	55.30	-0.059	0.036	0.095	0.148	0.216	0.300	0.375	0.404	0.357	0.231
5541	55.40	0.052	-0.130	-0.264	-0.319	-0.299	-0.239	-0.190	-0.196	-0.272	-0.399
5551	55.50	-0.534	-0.628	-0.649	-0.591	-0.478	-0.347	-0.230	-0.142	-0.072	-0.000
5561	55.60	0.095	0.218	0.350	0.459	0.512	0.488	0.394	0.258	0.120	0.019
5571	55.70	-0.023	-0.007	0.051	0.125	0.193	0.244	0.277	0.300	0.317	0.328
5581	55.80	0.324	0.294	0.230	0.134	0.024	-0.068	-0.108	-0.068	0.062	0.267
5591	55.90	0.506	0.723	0.860	0.878	0.768	0.554	0.291	0.042	-0.137	-0.221
5601	56.00	-0.219	-0.166	-0.109	-0.081	-0.088	-0.108	-0.102	-0.036	0.101	0.283
5611	56.10	0.457	0.560	0.547	0.408	0.171	-0.111	-0.379	-0.596	-0.755	-0.875
5621	56.20	-0.984	-1.100	-1.216	-1.305	-1.332	-1.273	-1.133	-0.946	-0.756	-0.605
5631	56.30	-0.504	-0.436	-0.362	-0.246	-0.075	0.128	0.314	0.426	0.432	0.337
5641	56.40	0.186	0.042	-0.035	-0.023	0.062	0.174	0.260	0.287	0.261	0.216
5651	56.50	0.200	0.245	0.351	0.483	0.587	0.617	0.558	0.434	0.300	0.217
5661	56.60	0.226	0.331	0.497	0.668	0.789	0.832	0.798	0.719	0.639	0.593
5671	56.70	0.592	0.622	0.652	0.649	0.591	0.478	0.333	0.188	0.074	0.008
5681	56.80	-0.013	-0.012	-0.022	-0.071	-0.173	-0.317	-0.474	-0.607	-0.687	-0.706
5691	56.90	-0.678	-0.638	-0.621	-0.645	-0.699	-0.744	-0.735	-0.635	-0.446	-0.205
5701	57.00	0.022	0.168	0.196	0.115	-0.024	-0.148	-0.198	-0.154	-0.045	0.064
5711	57.10	0.107	0.044	-0.116	-0.323	-0.505	-0.602	-0.589	-0.484	-0.331	-0.176
5721	57.20	-0.044	0.067	0.183	0.327	0.503	0.691	0.848	0.934	0.931	0.848
5731	57.30	0.723	0.598	0.502	0.438	0.384	0.312	0.200	0.053	-0.098	-0.211
5741	57.40	-0.252	-0.207	-0.091	0.058	0.200	0.302	0.353	0.360	0.343	0.321
5751	57.50	0.305	0.293	0.277	0.246	0.188	0.099	-0.020	-0.167	-0.332	-0.504
5761	57.60	-0.671	-0.821	-0.944	-1.039	-1.105	-1.146	-1.141	-1.141	-1.073	-0.944
5771	57.70	-0.749	-0.501	-0.229	0.027	0.231	0.366	0.435	0.459	0.465	0.468
5781	57.80	0.463	0.428	0.340	0.190	-0.004	-0.196	-0.331	-0.363	-0.285	-0.130
5791	57.90	0.041	0.161	0.192	0.140	0.054	0.002	0.039	0.179	0.385	0.584
5801	58.00	0.697	0.676	0.525	0.297	0.073	-0.075	-0.117	-0.078	-0.019	-0.014
5811	58.10	-0.108	-0.301	-0.545	-0.767	-0.905	-0.932	-0.865	-0.755	-0.653	-0.590
5821	58.20	-0.554	-0.506	-0.397	-0.202	0.060	0.337	0.557	0.666	0.652	0.551
5831	58.30	0.427	0.343	0.332	0.378	0.430	0.429	0.340	0.172	-0.026	-0.188
5841	58.40	-0.265	-0.250	-0.133	-0.130	-0.149	-0.263	-0.442	-0.619	-0.714	-0.676
5851	58.50	-0.497	-0.218	0.092	0.368	0.570	0.693	0.760	0.798	0.821	0.825
5861	58.60	0.793	0.712	0.587	0.411	0.309	0.220	0.182	0.175	0.164	0.118
5871	58.70	0.027	-0.089	-0.186	-0.215	-0.143	0.026	0.259	0.495	0.673	0.752
5881	58.80	0.714	0.573	0.360	0.113	-0.135	-0.362	-0.557	-0.717	-0.844	-0.947
5891	58.90	-1.035	-1.118	-1.196	-1.263	-1.297	-1.270	-1.157	-0.945	-0.644	-0.287
5901	59.00	0.078	0.402	0.648	0.803	0.876	0.887	0.858	0.800	0.713	0.590
5911	59.10	0.428	0.236	0.038	-0.132	-0.246	-0.292	-0.278	-0.230	-0.177	-0.143
5921	59.20	-0.121	-0.099	-0.046	0.059	0.218	0.404	0.574	0.681	0.695	0.616
5931	59.30	0.475	0.322	0.209	0.165	0.191	0.255	0.310	0.310	0.230	0.073
5941	59.40	-0.133	-0.350	-0.540	-0.678	-0.755	-0.775	-0.765	-0.676	-0.571	-0.437
5951	59.50	-0.280	-0.114	0.049	0.197	0.331	0.454	0.578	0.702	0.816	0.890
5961	59.60	0.889	0.783	0.561	0.244	-0.122	-0.479	-0.775	-0.979	-1.087	-1.115
5971	59.70	-1.085	-1.016	-0.887	-0.707	-0.464	-0.172	0.130	0.387	0.543	0.567
5981	59.80	0.467	0.289	0.101	-0.030	-0.070	-0.021	0.076	0.168	0.208	0.181
5991	59.90	0.105	0.020	-0.029	-0.018	0.051	0.151	0.244	0.303	0.326	0.334

Table 7-74-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.358	0.426	0.543	0.684	0.806	0.866	0.837	0.727	0.569	0.413
6011	60.10	0.297	0.236	0.211	0.179	0.098	-0.050	-0.252	-0.456	-0.601	-0.638
6021	60.20	-0.555	-0.385	-0.191	-0.047	0.001	-0.054	-0.173	-0.296	-0.363	-0.347
6031	60.30	-0.259	-0.145	-0.058	-0.040	-0.098	-0.208	-0.327	-0.418	-0.461	-0.459
6041	60.40	-0.430	-0.391	-0.368	-0.289	-0.199	-0.071	0.082	0.230	0.333	0.366
6051	60.50	0.330	0.255	0.186	0.165	0.208	0.302	0.404	0.465	0.452	0.354
6061	60.60	0.193	0.004	-0.177	-0.326	-0.431	-0.492	-0.509	-0.479	-0.395	-0.260
6071	60.70	-0.087	0.094	0.245	0.336	0.354	0.308	0.225	0.135	0.059	0.001
6081	60.80	-0.046	-0.092	-0.137	-0.168	-0.168	-0.124	-0.041	0.060	0.148	0.199
6091	60.90	0.211	0.201	0.194	0.206	0.229	0.235	0.186	0.065	-0.112	-0.289
6101	61.00	-0.400	-0.391	-0.261	-0.059	0.126	0.214	0.165	0.010	-0.171	-0.278
6111	61.10	-0.250	-0.090	0.129	0.301	0.336	0.207	-0.039	-0.303	-0.483	-0.527
6121	61.20	-0.454	-0.344	-0.291	-0.354	-0.521	-0.714	-0.826	-0.774	-0.545	-0.291
6131	61.30	0.143	0.379	0.446	0.361	0.201	0.062	0.010	0.055	0.145	0.205
6141	61.40	0.175	0.045	-0.139	-0.303	-0.381	-0.348	-0.235	-0.110	-0.042	-0.065
6151	61.50	-0.163	-0.276	-0.333	-0.288	-0.145	0.043	0.197	0.250	0.175	-0.002
6161	61.60	-0.216	-0.388	-0.461	-0.419	-0.285	-0.106	0.070	0.217	0.336	0.443
6171	61.70	0.556	0.676	0.783	0.843	0.823	0.709	0.516	0.285	0.069	-0.086
6181	61.80	-0.156	-0.145	-0.084	-0.011	0.041	0.054	0.034	-0.000	-0.026	-0.024
6191	61.90	0.007	0.060	0.116	0.160	0.184	0.191	0.193	0.204	0.234	0.280
6201	62.00	0.329	0.361	0.357	0.312	0.234	0.145	0.071	0.028	0.015	0.010
6211	62.10	-0.019	-0.102	-0.242	-0.413	-0.559	-0.618	-0.546	-0.343	-0.057	0.223
6221	62.20	0.405	0.428	0.289	0.042	-0.222	-0.414	-0.488	-0.455	-0.378	-0.332
6231	62.30	-0.366	-0.476	-0.604	-0.665	-0.597	-0.390	-0.099	0.176	0.341	0.348
6241	62.40	0.225	0.059	-0.040	0.001	0.191	0.462	0.706	0.826	0.779	0.598
6251	62.50	0.370	0.194	0.135	0.193	0.311	0.406	0.416	0.330	0.187	0.057
6261	62.60	-0.002	0.027	0.110	0.185	0.195	0.119	-0.019	-0.162	-0.257	-0.279
6271	62.70	-0.248	-0.213	-0.227	-0.311	-0.442	-0.560	-0.598	-0.516	-0.318	-0.059
6281	62.80	0.189	0.361	0.432	0.417	0.365	0.322	0.317	0.344	0.371	0.359
6291	62.90	0.285	0.150	-0.023	-0.200	-0.353	-0.464	-0.531	-0.556	-0.540	-0.481
6301	63.00	-0.378	-0.240	-0.086	0.054	0.152	0.194	0.184	0.141	0.088	0.037
6311	63.10	-0.016	-0.089	-0.194	-0.328	-0.463	-0.557	-0.573	-0.501	-0.371	-0.238
6321	63.20	-0.164	-0.182	-0.277	-0.389	-0.438	-0.363	-0.157	0.128	0.400	0.566
6331	63.30	0.574	0.441	0.262	0.074	0.014	0.086	0.248	0.421	0.527	0.526
6341	63.40	0.434	0.308	0.213	0.189	0.230	0.295	0.330	0.306	0.235	0.162
6351	63.50	0.142	0.203	0.326	0.450	0.498	0.416	0.205	-0.081	-0.354	-0.532
6361	63.60	-0.579	-0.516	-0.409	-0.335	-0.343	-0.430	-0.547	-0.621	-0.592	-0.443
6371	63.70	-0.201	0.070	0.306	0.462	0.528	0.522	0.473	0.407	0.335	0.258
6381	63.80	0.178	0.099	0.037	0.002	-0.007	-0.010	-0.036	-0.111	-0.238	-0.389
6391	63.90	-0.515	-0.563	-0.503	-0.344	-0.133	0.065	0.197	0.242	0.219	0.176
6401	64.00	0.160	0.193	0.266	0.340	0.375	0.348	0.266	0.166	0.087	0.055
6411	64.10	0.067	0.095	0.105	0.079	0.030	-0.009	0.005	0.090	0.232	0.379
6421	64.20	0.465	0.435	0.274	0.012	-0.290	-0.562	-0.754	-0.848	-0.862	-0.827
6431	64.30	-0.772	-0.709	-0.633	-0.532	-0.403	-0.260	-0.127	-0.031	0.016	0.025
6441	64.40	0.023	0.039	0.089	0.165	0.235	0.266	0.238	0.156	0.055	-0.022
6451	64.50	-0.045	-0.009	0.053	0.092	0.065	-0.046	-0.215	-0.387	-0.496	-0.495
6461	64.60	-0.377	-0.176	0.045	0.221	0.313	0.318	0.269	0.212	0.188	0.211
6471	64.70	0.264	0.310	0.309	0.241	0.114	-0.039	-0.167	-0.226	-0.192	-0.067
6481	64.80	0.120	0.325	0.506	0.629	0.682	0.668	0.601	0.501	0.386	0.266
6491	64.90	0.142	0.014	-0.123	-0.270	-0.423	-0.573	-0.705	-0.801	-0.845	-0.830

Table 7-74-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-0.755	-0.631	-0.476	-0.315	-0.168	-0.055	0.017	0.048	0.046	0.025
6511	65.10	0.000	-0.015	-0.012	0.013	0.057	0.113	0.171	0.221	0.255	0.265
6521	65.20	0.250	0.209	0.148	0.073	-0.000	-0.055	-0.071	-0.031	0.072	0.232
6531	65.30	0.421	0.599	0.721	0.750	0.673	0.504	0.287	0.078	-0.073	-0.141
6541	65.40	-0.134	-0.092	-0.067	-0.097	-0.194	-0.329	-0.448	-0.490	-0.418	-0.235
6551	65.50	0.014	0.257	0.421	0.463	0.385	0.227	0.050	-0.091	-0.173	-0.207
6561	65.60	-0.231	-0.287	-0.392	-0.532	-0.662	-0.725	-0.682	-0.528	-0.299	-0.057
6571	65.70	0.132	0.227	0.219	0.140	0.037	-0.044	-0.077	-0.063	-0.020	0.029
6581	65.80	0.067	0.095	0.124	0.163	0.214	0.264	0.290	0.275	0.213	0.114
6591	65.90	0.005	-0.090	-0.153	-0.185	-0.199	-0.213	-0.236	-0.261	-0.268	-0.236
6601	66.00	-0.152	-0.021	0.133	0.281	0.398	0.476	0.524	0.560	0.600	0.641
6611	66.10	0.665	0.643	0.554	0.397	0.200	0.008	-0.127	-0.173	-0.128	-0.021
6621	66.20	0.097	0.176	0.184	0.120	0.008	-0.115	-0.214	-0.271	-0.287	-0.281
6631	66.30	-0.272	-0.276	-0.294	-0.316	-0.324	-0.303	-0.246	-0.155	-0.043	0.070
6641	66.40	0.166	0.227	0.245	0.221	0.168	0.101	0.041	0.001	-0.019	-0.032
6651	66.50	-0.059	-0.124	-0.239	-0.399	-0.581	-0.748	-0.869	-0.924	-0.914	-0.858
6661	66.60	-0.780	-0.696	-0.607	-0.499	-0.355	-0.165	0.060	0.286	0.475	0.593
6671	66.70	0.630	0.607	0.563	0.540	0.564	0.631	0.709	0.754	0.729	0.624
6681	66.80	0.462	0.289	0.156	0.100	0.128	0.221	0.338	0.441	0.501	0.514
6691	66.90	0.491	0.452	0.410	0.372	0.333	0.282	0.215	0.135	0.055	-0.007
6701	67.00	-0.039	-0.039	-0.021	-0.009	-0.027	-0.094	-0.207	-0.348	-0.481	-0.566
6711	67.10	-0.576	-0.500	-0.357	-0.183	-0.024	0.083	0.122	0.100	0.046	-0.009
6721	67.20	-0.043	-0.056	-0.062	-0.081	-0.123	-0.177	-0.216	-0.207	-0.132	-0.004
6731	67.30	0.137	0.235	0.247	0.167	0.030	-0.096	-0.146	-0.076	0.085	0.275
6741	67.40	0.405	0.406	0.263	0.019	-0.235	-0.408	-0.446	-0.355	-0.201	-0.069
6751	67.50	-0.032	-0.110	-0.264	-0.423	-0.514	-0.502	-0.405	-0.283	-0.208	-0.223
6761	67.60	-0.326	-0.466	-0.570	-0.577	-0.466	-0.260	-0.020	0.191	0.330	0.392
6771	67.70	0.401	0.397	0.409	0.443	0.481	0.494	0.458	0.371	0.252	0.136
6781	67.80	0.055	0.028	0.048	0.093	0.132	0.137	0.100	0.029	-0.052	-0.114
6791	67.90	-0.133	-0.099	-0.021	0.081	0.176	0.236	0.245	0.198	0.107	-0.009
6801	68.00	-0.132	-0.249	-0.358	-0.461	-0.560	-0.648	-0.707	-0.715	-0.658	-0.536
6811	68.10	-0.371	-0.203	-0.077	-0.022	-0.044	-0.122	-0.215	-0.282	-0.301	-0.271
6821	68.20	-0.214	-0.156	-0.117	-0.098	-0.083	-0.051	0.007	0.084	0.155	0.191
6831	68.30	0.176	0.115	0.038	-0.019	-0.026	0.018	0.089	0.145	0.147	0.081
6841	68.40	-0.037	-0.163	-0.250	-0.264	-0.206	-0.104	-0.006	0.051	0.052	0.012
6851	68.50	-0.030	-0.036	0.012	0.102	0.195	0.244	0.215	0.109	-0.042	-0.182
6861	68.60	-0.256	-0.234	-0.124	0.035	0.182	0.265	0.259	0.176	0.054	-0.057
6871	68.70	-0.116	-0.109	-0.049	0.033	0.107	0.159	0.196	0.242	0.322	0.446
6881	68.80	0.599	0.744	0.836	0.844	0.762	0.615	0.450	0.317	0.249	0.252
6891	68.90	0.301	0.357	0.377	0.338	0.237	0.094	-0.060	-0.194	-0.287	-0.334
6901	69.00	-0.337	-0.312	-0.271	-0.228	-0.192	-0.166	-0.145	-0.122	-0.084	-0.024
6911	69.10	0.058	0.151	0.231	0.273	0.256	0.177	0.053	-0.089	-0.215	-0.305
6921	69.20	-0.354	-0.372	-0.374	-0.370	-0.352	-0.304	-0.208	-0.061	0.117	0.286
6931	69.30	0.402	0.434	0.381	0.271	0.150	0.059	0.015	0.006	0.003	-0.025
6941	69.40	-0.087	-0.165	-0.219	-0.216	-0.141	-0.018	0.106	0.179	0.171	0.089
6951	69.50	-0.027	-0.124	-0.159	-0.123	-0.039	0.054	0.123	0.157	0.175	0.207
6961	69.60	0.272	0.363	0.440	0.456	0.375	0.199	-0.027	-0.237	-0.366	-0.387
6971	69.70	-0.319	-0.216	-0.140	-0.130	-0.180	-0.248	-0.272	-0.208	-0.049	0.169
6981	69.80	0.383	0.536	0.596	0.569	0.492	0.405	0.334	0.277	0.208	0.099
6991	69.90	-0.064	-0.270	-0.482	-0.658	-0.767	-0.804	-0.789	-0.757	-0.740	-0.751

Table 7-74-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.782	-0.812	-0.816	-0.780	-0.705	-0.603	-0.490	-0.378	-0.272	-0.172
7011	70.10	-0.081	-0.004	0.048	0.063	0.041	-0.010	-0.067	-0.103	-0.098	-0.042
7021	70.20	0.055	0.176	0.299	0.407	0.496	0.568	0.633	0.696	0.757	0.810
7031	70.30	0.843	0.846	0.813	0.744	0.642	0.516	0.375	0.231	0.102	0.008
7041	70.40	-0.035	-0.017	0.058	0.170	0.287	0.372	0.400	0.363	0.277	0.170
7051	70.50	0.078	0.021	0.003	0.006	0.001	-0.034	-0.105	-0.193	-0.265	-0.286
7061	70.60	-0.240	-0.140	-0.028	0.043	0.026	-0.089	-0.278	-0.479	-0.623	-0.660
7071	70.70	-0.578	-0.411	-0.224	-0.087	-0.042	-0.088	-0.182	-0.260	-0.269	-0.188
7081	70.80	-0.046	0.096	0.169	0.129	-0.023	-0.239	-0.444	-0.567	-0.571	-0.467
7091	70.90	-0.303	-0.145	-0.047	-0.029	-0.076	-0.150	-0.209	-0.234	-0.231	-0.223
7101	71.00	-0.238	-0.282	-0.340	-0.378	-0.361	-0.273	-0.127	0.040	0.179	0.257
7111	71.10	0.265	0.223	0.168	0.133	0.135	0.165	0.201	0.219	0.215	0.201
7121	71.20	0.208	0.260	0.362	0.494	0.614	0.680	0.664	0.575	0.446	0.326
7131	71.30	0.256	0.248	0.283	0.321	0.318	0.248	0.114	-0.054	-0.215	-0.335
7141	71.40	-0.397	-0.408	-0.388	-0.360	-0.333	-0.303	-0.254	-0.174	-0.060	0.072
7151	71.50	0.195	0.278	0.298	0.251	0.151	0.031	-0.076	-0.137	-0.139	-0.085
7161	71.60	0.001	0.085	0.127	0.100	-0.007	-0.178	-0.376	-0.552	-0.661	-0.675
7171	71.70	-0.594	-0.443	-0.263	-0.091	0.049	0.156	0.243	0.329	0.417	0.493
7181	71.80	0.530	0.499	0.389	0.216	0.021	-0.145	-0.243	-0.263	-0.223	-0.163
7191	71.90	-0.122	-0.120	-0.143	-0.161	-0.135	-0.046	0.093	0.246	0.363	0.407
7201	72.00	0.369	0.271	0.155	0.061	0.012	0.002	0.007	0.000	-0.033	-0.088
7211	72.10	-0.140	-0.165	-0.150	-0.105	-0.054	-0.031	-0.055	-0.125	-0.217	-0.295
7221	72.20	-0.325	-0.295	-0.210	-0.097	0.011	0.087	0.119	0.112	0.082	0.052
7231	72.30	0.038	0.052	0.095	0.159	0.232	0.301	0.351	0.376	0.375	0.354
7241	72.40	0.321	0.286	0.253	0.220	0.180	0.130	0.070	0.008	-0.046	-0.081
7251	72.50	-0.099	-0.110	-0.133	-0.180	-0.251	-0.328	-0.382	-0.387	-0.338	-0.253
7261	72.60	-0.169	-0.127	-0.148	-0.218	-0.294	-0.323	-0.264	-0.118	0.074	0.245
7271	72.70	0.331	0.305	0.188	0.040	-0.065	-0.079	0.002	0.135	0.255	0.307
7281	72.80	0.270	0.172	0.067	0.012	0.034	0.117	0.219	0.287	0.292	0.235
7291	72.90	0.148	0.073	0.033	0.029	0.033	0.016	-0.037	-0.114	-0.182	-0.203
7301	73.00	-0.160	-0.070	0.026	0.078	0.057	-0.030	-0.141	-0.218	-0.217	-0.126
7311	73.10	0.025	0.180	0.280	0.292	0.222	0.107	0.001	-0.054	-0.039	0.035
7321	73.20	0.133	0.221	0.269	0.271	0.230	0.160	0.072	-0.027	-0.136	-0.253
7331	73.30	-0.371	-0.477	-0.556	-0.589	-0.568	-0.490	-0.367	-0.221	-0.078	0.034
7341	73.40	0.092	0.088	0.030	-0.057	-0.141	-0.191	-0.190	-0.146	-0.085	-0.041
7351	73.50	-0.042	-0.092	-0.169	-0.233	-0.240	-0.166	-0.018	0.164	0.329	0.429
7361	73.60	0.446	0.390	0.300	0.217	0.168	0.152	0.145	0.114	0.037	-0.081
7371	73.70	-0.211	-0.308	-0.341	-0.301	-0.213	-0.123	-0.076	-0.095	-0.167	-0.250
7381	73.80	-0.290	-0.250	-0.127	0.041	0.194	0.275	0.255	0.153	0.024	-0.057
7391	73.90	-0.035	0.102	0.314	0.526	0.656	0.650	0.510	0.286	0.062	-0.084
7401	74.00	-0.112	-0.031	0.104	0.220	0.263	0.216	0.110	0.001	-0.056	-0.032
7411	74.10	0.060	0.176	0.259	0.273	0.212	0.104	-0.006	-0.076	-0.090	-0.061
7421	74.20	-0.022	-0.008	-0.036	-0.097	-0.162	-0.195	-0.174	-0.099	0.002	0.090
7431	74.30	0.124	0.080	-0.040	-0.211	-0.393	-0.545	-0.636	-0.654	-0.606	-0.516
7441	74.40	-0.413	-0.323	-0.258	-0.215	-0.174	-0.112	-0.013	0.125	0.281	0.423
7451	74.50	0.517	0.546	0.513	0.447	0.383	0.349	0.349	0.361	0.349	0.279
7461	74.60	0.143	-0.037	-0.217	-0.347	-0.400	-0.381	-0.326	-0.281	-0.279	-0.321
7471	74.70	-0.372	-0.383	-0.313	-0.160	0.041	0.224	0.324	0.306	0.183	0.005
7481	74.80	-0.158	-0.257	-0.280	-0.259	-0.246	-0.290	-0.403	-0.557	-0.693	-0.750
7491	74.90	-0.694	-0.535	-0.321	-0.115	0.031	0.104	0.127	0.145	0.198	0.300

Table 7-74-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	0.427	0.531	0.562	0.493	0.336	0.136	-0.050	-0.173	-0.218	-0.203
7511	75.10	-0.168	-0.149	-0.163	-0.193	-0.204	-0.154	-0.023	0.176	0.400	0.592
7521	75.20	0.702	0.710	0.629	0.501	0.371	0.274	0.217	0.184	0.149	0.091
7531	75.30	0.010	-0.070	-0.114	-0.090	0.012	0.171	0.344	0.483	0.548	0.528
7541	75.40	0.442	0.332	0.240	0.199	0.232	0.258	0.297	0.291	0.216	0.075
7551	75.50	-0.104	-0.280	-0.411	-0.470	-0.456	-0.388	-0.299	-0.223	-0.182	-0.177
7561	75.60	-0.194	-0.206	-0.194	-0.146	-0.072	0.008	0.069	0.095	0.081	0.041
7571	75.70	-0.007	-0.044	-0.059	-0.057	-0.046	-0.038	-0.036	-0.032	-0.013	0.033
7581	75.80	0.107	0.194	0.270	0.312	0.308	0.264	0.204	0.158	0.148	0.176
7591	75.90	0.222	0.253	0.234	0.148	0.006	-0.161	-0.310	-0.406	-0.436	-0.410
7601	76.00	-0.359	-0.315	-0.293	-0.289	-0.278	-0.227	-0.118	0.043	0.221	0.365
7611	76.10	0.428	0.383	0.236	0.027	-0.188	-0.356	-0.448	-0.466	-0.437	-0.401
7621	76.20	-0.389	-0.412	-0.461	-0.508	-0.526	-0.502	-0.439	-0.356	-0.272	-0.202
7631	76.30	-0.143	-0.080	0.002	0.110	0.234	0.345	0.410	0.404	0.330	0.205
7641	76.40	0.069	-0.038	-0.092	-0.096	-0.075	-0.063	-0.089	-0.159	-0.253	-0.335
7651	76.50	-0.362	-0.309	-0.177	0.009	0.203	0.361	0.454	0.474	0.434	0.362
7661	76.60	0.282	0.213	0.160	0.120	0.088	0.065	0.057	0.071	0.111	0.171
7671	76.70	0.234	0.277	0.280	0.237	0.157	0.064	-0.012	-0.052	-0.051	-0.023
7681	76.80	0.006	0.014	-0.011	-0.060	-0.110	-0.133	-0.115	-0.060	0.005	0.045
7691	76.90	0.030	-0.048	-0.170	-0.293	-0.371	-0.368	-0.277	-0.122	0.050	0.191
7701	77.00	0.266	0.266	0.212	0.143	0.097	0.100	0.153	0.234	0.308	0.343
7711	77.10	0.321	0.247	0.146	0.053	-0.003	-0.007	0.032	0.087	0.125	0.124
7721	77.20	0.082	0.021	-0.023	-0.015	0.058	0.180	0.307	0.386	0.376	0.273
7731	77.30	0.109	-0.055	-0.156	-0.158	-0.068	0.068	0.184	0.227	0.178	0.061
7741	77.40	-0.072	-0.170	-0.205	-0.191	-0.168	-0.183	-0.261	-0.386	-0.514	-0.587
7751	77.50	-0.573	-0.477	-0.344	-0.239	-0.210	-0.266	-0.375	-0.476	-0.516	-0.477
7761	77.60	-0.385	-0.295	-0.262	-0.311	-0.414	-0.508	-0.521	-0.410	-0.185	0.087
7771	77.70	0.315	0.419	0.368	0.195	-0.018	-0.177	-0.213	-0.111	0.083	0.283
7781	77.80	0.405	0.394	0.252	0.030	-0.192	-0.339	-0.368	-0.287	-0.140	0.004
7791	77.90	0.090	0.090	0.018	-0.079	-0.144	-0.134	-0.036	0.126	0.306	0.455
7801	78.00	0.544	0.573	0.572	0.578	0.616	0.683	0.745	0.756	0.680	0.512
7811	78.10	0.285	0.057	-0.107	-0.170	-0.129	-0.017	0.119	0.244	0.347	0.444
7821	78.20	0.556	0.692	0.829	0.917	0.900	0.749	0.478	0.151	-0.144	-0.332
7831	78.30	-0.381	-0.318	-0.214	-0.152	-0.184	-0.309	-0.474	-0.601	-0.629	-0.538
7841	78.40	-0.366	-0.180	-0.062	-0.055	-0.158	-0.323	-0.484	-0.584	-0.594	-0.523
7851	78.50	-0.402	-0.273	-0.163	-0.086	-0.046	-0.038	-0.065	-0.129	-0.229	-0.354
7861	78.60	-0.478	-0.570	-0.602	-0.562	-0.458	-0.315	-0.161	-0.022	0.093	0.180
7871	78.70	0.242	0.279	0.284	0.248	0.173	0.070	-0.037	-0.122	-0.167	-0.174
7881	78.80	-0.159	-0.144	-0.143	-0.150	-0.136	-0.069	0.071	0.276	0.503	0.691
7891	78.90	0.786	0.762	0.638	0.466	0.311	0.220	0.204	0.235	0.266	0.254
7901	79.00	0.190	0.098	0.027	0.019	0.087	0.205	0.319	0.371	0.331	0.212
7911	79.10	0.065	-0.046	-0.075	-0.018	0.086	0.177	0.203	0.149	0.047	-0.046
7921	79.20	-0.075	-0.022	0.083	0.172	0.171	0.042	-0.195	-0.464	-0.668	-0.727
7931	79.30	-0.622	-0.400	-0.157	0.009	0.040	-0.051	-0.191	-0.283	-0.254	-0.095
7941	79.40	0.134	0.326	0.380	0.251	-0.031	-0.367	-0.635	-0.738	-0.654	-0.435
7951	79.50	-0.189	-0.025	-0.004	-0.116	-0.283	-0.401	-0.387	-0.220	0.049	0.321
7961	79.60	0.488	0.481	0.301	0.009	-0.294	-0.516	-0.604	-0.561	-0.437	-0.299
7971	79.70	-0.199	-0.156	-0.149	-0.139	-0.087	0.020	0.163	0.303	0.401	0.435
7981	79.80	0.415	0.374	0.354	0.377	0.437	0.496	0.502	0.414	0.228	-0.017
7991	79.90	-0.247	-0.384	-0.380	-0.239	-0.021	0.183	0.284	0.238	0.067	-0.151

Table 7-74-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-0.309	-0.322	-0.162	0.128	0.448	0.690	0.776	0.693	0.494	0.268
8011	80.10	0.094	0.011	-0.001	-0.002	-0.049	-0.166	-0.321	-0.439	-0.445	-0.301
8021	80.20	-0.034	0.265	0.485	0.539	0.406	0.143	-0.143	-0.342	-0.392	-0.301
8031	80.30	-0.138	0.001	0.047	-0.016	-0.145	-0.267	-0.319	-0.281	-0.188	-0.103
8041	80.40	-0.086	-0.156	-0.283	-0.397	-0.428	-0.343	-0.160	0.052	0.212	0.258
8051	80.50	0.178	0.015	-0.158	-0.271	-0.287	-0.214	-0.100	-0.003	0.036	0.004
8061	80.60	-0.066	-0.125	-0.129	-0.053	0.050	0.259	0.399	0.462	0.423	0.288
8071	80.70	0.098	-0.090	-0.216	-0.244	-0.171	-0.032	0.108	0.184	0.150	0.009
8081	80.80	-0.192	-0.370	-0.447	-0.376	-0.171	0.101	0.348	0.488	0.491	0.388
8091	80.90	0.258	0.185	0.218	0.348	0.508	0.611	0.590	0.437	0.206	-0.011
8101	81.00	-0.130	-0.122	-0.021	0.085	0.102	-0.023	-0.272	-0.562	-0.782	-0.845
8111	81.10	-0.729	-0.489	-0.229	-0.052	-0.017	-0.112	-0.262	-0.367	-0.353	-0.206
8121	81.20	0.026	0.255	0.394	0.398	0.280	0.102	-0.058	-0.138	-0.122	-0.039
8131	81.30	0.059	0.122	0.128	0.093	0.059	0.067	0.137	0.254	0.372	0.435
8141	81.40	0.406	0.284	0.107	-0.061	-0.157	-0.145	-0.032	0.132	0.280	0.350
8151	81.50	0.313	0.186	0.021	-0.118	-0.182	-0.158	-0.076	0.009	0.066	0.010
8161	81.60	-0.079	-0.169	-0.199	-0.133	0.022	0.212	0.362	0.405	0.323	0.154
8171	81.70	-0.022	-0.116	-0.076	0.089	0.306	0.474	0.507	0.379	0.135	-0.122
8181	81.80	-0.279	-0.266	-0.087	0.176	0.401	0.477	0.360	0.087	-0.236	-0.483
8191	81.90	-0.565	-0.466	-0.252	-0.035	0.080	0.039	-0.133	-0.347	-0.496	-0.503
8201	82.00	-0.358	-0.122	0.103	0.218	0.174	-0.011	-0.262	-0.483	-0.600	-0.586
8211	82.10	-0.472	-0.321	-0.193	-0.122	-0.101	-0.094	-0.062	0.013	0.119	0.218
8221	82.20	0.273	0.265	0.211	0.151	0.131	0.175	0.271	0.373	0.419	0.367
8231	82.30	0.209	-0.017	-0.244	-0.400	-0.439	-0.361	-0.204	-0.032	0.094	0.136
8241	82.40	0.089	-0.021	-0.153	-0.268	-0.341	-0.361	-0.334	-0.275	-0.200	-0.125
8251	82.50	-0.056	-0.032	-0.030	-0.057	-0.102	-0.147	-0.177	-0.182	-0.162	-0.128
8261	82.60	-0.094	-0.068	-0.050	-0.026	0.020	0.100	0.211	0.336	0.447	0.517
8271	82.70	0.529	0.480	0.384	0.261	0.132	0.015	-0.078	-0.137	-0.154	-0.122
8281	82.80	-0.047	0.057	0.160	0.230	0.242	0.191	0.094	-0.009	-0.076	-0.079
8291	82.90	-0.020	0.074	0.161	0.204	0.190	0.135	0.077	0.054	0.084	0.159
8301	83.00	0.244	0.301	0.304	0.252	0.171	0.097	0.055	0.044	0.060	0.006
8311	83.10	-0.086	-0.234	-0.408	-0.554	-0.622	-0.588	-0.459	-0.274	-0.085	0.069
8321	83.20	0.172	0.235	0.284	0.339	0.403	0.456	0.463	0.396	0.244	0.025
8331	83.30	-0.221	-0.444	-0.599	-0.665	-0.645	-0.563	-0.455	-0.354	-0.285	-0.254
8341	83.40	-0.250	-0.253	-0.235	-0.171	-0.050	0.122	0.316	0.490	0.596	0.603
8351	83.50	0.501	0.314	0.092	-0.110	-0.244	-0.288	-0.254	-0.171	-0.079	-0.006
8361	83.60	0.040	0.068	0.095	0.135	0.189	0.248	0.301	0.345	0.366	0.436
8371	83.70	0.501	0.570	0.616	0.606	0.520	0.365	0.181	0.027	-0.049	-0.030
8381	83.80	0.049	0.119	0.105	-0.034	-0.279	-0.552	-0.742	-0.763	-0.589	-0.277
8391	83.90	0.053	0.266	0.275	0.074	-0.251	-0.565	-0.742	-0.718	-0.521	-0.253
8401	84.00	-0.038	0.032	-0.060	-0.253	-0.444	-0.537	-0.495	-0.352	-0.193	-0.112
8411	84.10	-0.155	-0.304	-0.476	-0.566	-0.499	-0.264	0.076	0.415	0.644	0.704
8421	84.20	0.606	0.419	0.241	0.148	0.165	0.260	0.357	0.382	0.289	0.088
8431	84.30	-0.165	-0.392	-0.524	-0.531	-0.427	-0.260	-0.093	0.030	0.092	0.110
8441	84.40	0.120	0.159	0.242	0.359	0.474	0.544	0.538	0.448	0.294	0.117
8451	84.50	-0.037	-0.137	-0.175	-0.170	-0.153	-0.155	-0.190	-0.250	-0.305	-0.322
8461	84.60	-0.274	-0.154	0.020	0.213	0.390	0.520	0.590	0.601	0.562	0.483
8471	84.70	0.368	0.222	0.051	-0.129	-0.293	-0.412	-0.466	-0.450	-0.384	-0.299
8481	84.80	-0.234	-0.213	-0.235	-0.282	-0.317	-0.312	-0.254	-0.155	-0.046	0.039
8491	84.90	0.074	0.054	-0.006	-0.077	-0.135	-0.164	-0.166	-0.151	-0.134	-0.123

Table 7-74-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1266 S104-GR-1-6 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -16.950 (GAL) T= 17.54 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-0.116	-0.104	-0.075	-0.024	0.044	0.121	0.193	0.254	0.300	0.331
8511	85.10	0.352	0.364	0.367	0.363	0.356	0.356	0.363	0.383	0.404	0.408
8521	85.20	0.378	0.307	0.206	0.105	0.042	0.048	0.127	0.252	0.373	0.439
8531	85.30	0.419	0.321	0.189	0.083	0.048	0.094	0.183	0.249	0.230	0.099
8541	85.40	-0.115	-0.335	-0.472	-0.461	-0.298	-0.039	0.220	0.386	0.407	0.295
8551	85.50	0.112	-0.061	-0.166	-0.189	-0.162	-0.138	-0.155	-0.211	-0.267	-0.272
8561	85.60	-0.195	-0.055	0.082	0.130	0.030	-0.219	-0.547	-0.840	-0.992	-0.949
8571	85.70	-0.740	-0.456	-0.212	-0.093	-0.115	-0.223	-0.327	-0.348	-0.259	-0.098
8581	85.80	0.060	0.146	0.134	0.058	-0.010	-0.004	0.094	0.244	0.360	0.360
8591	85.90	0.216	-0.028	-0.265	-0.381	-0.306	-0.054	0.280	0.565	0.696	0.644
8601	86.00	0.469	0.284	0.197	0.253	0.411	0.563	0.596	0.452	0.163	-0.157
8611	86.10	-0.364	-0.356	-0.125	0.237	0.579	0.759	0.707	0.458	0.127	-0.147
8621	86.20	-0.266	-0.222	-0.089	0.014	-0.011	-0.195	-0.481	-0.759	-0.916	-0.891
8631	86.30	-0.702	-0.438	-0.212	-0.109	-0.150	-0.286	-0.423	-0.472	-0.385	-0.178
8641	86.40	0.083	0.311	0.442	0.455	0.374	0.255	0.150	0.088	0.065	0.052
8651	86.50	0.015	-0.062	-0.169	-0.271	-0.324	-0.296	-0.182	-0.004	0.194	0.365
8661	86.60	0.477	0.523	0.519	0.497	0.484	0.491	0.504	0.488	0.405	0.230
8671	86.70	-0.031	-0.341	-0.636	-0.851	-0.937	-0.887	-0.728	-0.520	-0.326	-0.192
8681	86.80	-0.128	-0.116	-0.118	-0.104	-0.066	-0.021	-0.015	-0.086	-0.252	-0.492
8691	86.90	-0.753	-0.967	-1.074	-1.045	-0.888	-0.648	-0.383	-0.146	0.030	0.139

Table 7-75-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	1.068	1.599	1.997	2.041	1.601	0.716	-0.406	-1.464	-2.181	-2.409
11	0.10	-2.176	-1.658	-1.083	-0.632	-0.374	-0.267	-0.219	-0.160	-0.090	-0.069
21	0.20	-0.163	-0.379	-0.637	-0.796	-0.730	-0.411	0.055	0.465	0.612	0.402
31	0.30	-0.077	-0.583	-0.815	-0.563	0.182	1.207	2.158	2.701	2.674	2.163
41	0.40	1.472	0.980	0.971	1.497	2.351	3.148	3.494	3.150	2.135	0.718
51	0.50	-0.685	-1.670	-1.995	-1.647	-0.834	0.115	0.875	1.240	1.178	0.815
61	0.60	0.363	0.010	-0.157	-0.199	-0.291	-0.634	-1.348	-2.387	-3.513	-4.365
71	0.70	-4.594	-4.019	-2.734	-1.114	0.300	1.001	0.723	-0.436	-2.032	-3.447
81	0.80	-4.132	-3.828	-2.669	-1.112	0.270	1.036	1.056	0.539	-0.100	-0.450
91	0.90	-0.312	0.228	0.862	1.240	1.158	0.662	0.016	-0.445	-0.489	-0.108
101	1.00	0.501	1.050	1.337	1.354	1.289	1.414	1.908	2.735	3.629	4.204
111	1.10	4.143	3.359	2.047	0.608	-0.528	-1.086	-1.068	-0.633	-0.167	0.081
121	1.20	0.017	-0.255	-0.519	-0.565	-0.303	0.211	0.807	1.299	1.555	1.534
131	1.30	1.269	0.814	0.216	-0.495	-1.276	-2.044	-2.677	-3.053	-3.111	-2.899
141	1.40	-2.566	-2.302	-2.242	-2.383	-2.575	-2.583	-2.208	-1.400	-0.309	0.761
151	1.50	1.473	1.602	1.136	0.276	-0.646	-1.312	-1.536	-1.320	-0.822	-0.254
161	1.60	0.218	0.539	0.757	0.963	1.211	1.473	1.643	1.618	1.332	0.851
171	1.70	0.355	0.070	0.177	0.711	1.531	2.342	2.798	2.633	1.774	0.394
181	1.80	-1.122	-2.305	-2.758	-2.308	-1.082	0.521	1.973	2.799	2.759	1.932
191	1.90	0.687	-0.470	-1.088	-0.947	-0.129	1.027	2.078	2.643	2.533	1.780
201	2.00	0.588	-0.784	-2.105	-3.219	-4.017	-4.400	-4.258	-3.505	-2.159	-0.410
211	2.10	1.370	2.713	3.216	2.718	1.384	-0.325	-1.829	-2.653	-2.613	-1.880
221	2.20	-0.871	-0.050	0.285	0.119	-0.313	-0.687	-0.775	-0.580	-0.315	-0.278
231	2.30	-0.662	-1.424	-2.282	-2.846	-2.818	-2.145	-1.049	0.083	0.917	1.347
241	2.40	1.562	1.941	2.830	4.304	6.057	7.471	7.862	6.795	4.316	1.000
251	2.50	-2.231	-4.436	-4.999	-3.847	-1.444	1.409	3.887	5.420	5.829	5.288
261	2.60	4.154	2.771	1.349	-0.042	-1.375	-2.559	-3.392	-3.625	-3.106	-1.925
271	2.70	-0.459	0.722	1.079	0.344	-1.320	-3.358	-5.029	-5.726	-5.240	-3.862
281	2.80	-2.260	-1.177	-1.097	-2.022	-3.468	-4.678	-4.958	-3.981	-1.921	0.631
291	2.90	2.923	4.347	4.658	4.013	2.844	1.637	0.732	0.233	0.050	0.026
301	3.00	0.065	0.192	0.510	1.097	1.914	2.764	3.357	3.426	2.856	1.741
311	3.10	0.370	-0.875	-1.648	-1.745	-1.157	-0.057	1.258	2.441	3.171	3.219
321	3.20	2.492	1.074	-0.782	-2.698	-4.259	-5.136	-5.186	-4.499	-3.357	-2.122
331	3.30	-1.101	-0.435	-0.084	0.117	0.342	0.670	1.057	1.366	1.465	1.307
341	3.40	0.950	0.518	0.116	-0.233	-0.588	-1.024	-1.532	-1.970	-2.091	-1.663
351	3.50	-0.622	0.839	2.297	3.254	3.352	2.548	1.141	-0.359	-1.467	-1.951
361	3.60	-1.925	-1.761	-1.867	-2.435	-3.309	-4.043	-4.120	-3.236	-1.487	0.633
371	3.70	2.436	3.352	3.183	2.191	0.958	0.114	0.037	0.702	1.727	2.589
381	3.80	2.895	2.568	1.867	1.224	1.015	1.367	2.101	2.846	3.235	3.100
391	3.90	2.552	1.916	1.561	1.705	2.306	3.070	3.590	3.521	2.738	1.379
401	4.00	-0.213	-1.634	-2.570	-2.908	-2.750	-2.350	-1.996	-1.894	-2.097	-2.499
411	4.10	-2.895	-3.082	-2.955	-2.556	-2.063	-1.713	-1.689	-2.027	-2.579	-3.065
421	4.20	-3.189	-2.775	-1.858	-0.685	0.387	1.050	1.181	0.893	0.470	0.214
431	4.30	0.286	0.626	0.985	1.079	0.762	0.132	-0.491	-0.724	-0.326	0.650
441	4.40	1.848	2.762	2.980	2.388	1.249	0.084	-0.565	-0.395	0.518	1.758
451	4.50	2.771	3.117	2.656	1.582	0.283	-0.856	-1.633	-2.074	-2.347	-2.612
461	4.60	-2.886	-3.029	-2.844	-2.221	-1.256	-0.233	0.501	0.728	0.485	0.069
471	4.70	-0.114	0.230	1.107	2.200	3.002	3.068	2.232	0.707	-0.999	-2.317
481	4.80	-2.863	-2.592	-1.783	-0.872	-0.231	-0.007	-0.097	-0.263	-0.301	-0.124
491	4.90	-0.022	-0.059	-0.416	-1.031	-1.654	-1.974	-1.795	-1.163	-0.368	0.195

Table 7-75-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.230	-0.293	-1.098	-1.727	-1.754	-1.011	0.325	1.796	2.874	3.208
511	5.10	2.785	1.927	1.136	0.845	1.215	2.059	2.937	3.368	3.055	2.029
521	5.20	0.628	-0.651	-1.376	-1.353	-0.693	0.270	1.144	1.656	1.756	1.607
531	5.30	1.467	1.540	1.869	2.309	2.609	2.535	1.996	1.080	0.014	-0.945
541	5.40	-1.627	-2.011	-2.210	-2.387	-2.648	-2.981	-3.268	-3.358	-3.176	-2.789
551	5.50	-2.389	-2.207	-2.378	-2.843	-3.341	-3.505	-3.030	-1.831	-0.122	1.638
561	5.60	2.911	3.296	2.687	1.324	-0.299	-1.628	-2.255	-2.046	-1.164	0.041
571	5.70	1.186	2.004	2.410	2.479	2.357	2.163	1.929	1.617	1.172	0.598
581	5.80	-0.006	-0.470	-0.626	-0.398	0.143	0.776	1.209	1.188	0.606	-0.442
591	5.90	-1.676	-2.723	-3.252	-3.087	-2.280	-1.089	0.112	0.962	1.244	0.952
601	6.00	0.275	-0.480	-1.021	-1.180	-0.959	-0.511	-0.047	0.272	0.408	0.450
611	6.10	0.551	0.824	1.265	1.732	2.006	1.899	1.360	0.525	-0.330	-0.893
621	6.20	-0.955	-0.494	0.314	1.175	1.802	2.026	1.838	1.365	0.784	0.241
631	6.30	-0.190	-0.499	-0.685	-0.713	-0.516	-0.036	0.702	1.548	2.241	2.501
641	6.40	2.153	1.214	-0.067	-1.306	-2.115	-2.263	-1.755	-0.824	0.178	0.926
651	6.50	1.236	1.109	0.689	0.172	-0.279	-0.578	-0.700	-0.639	-0.369	0.144
661	6.60	0.898	1.799	2.661	3.151	3.092	2.367	1.098	-0.404	-1.741	-2.581
671	6.70	-2.787	-2.465	-1.899	-1.424	-1.276	-1.504	-1.972	-2.448	-2.718	-2.683
681	6.80	-2.382	-1.943	-1.497	-1.110	-0.766	-0.409	-0.018	0.350	0.550	0.424
691	6.90	-0.113	-0.997	-2.001	-2.804	-3.101	-2.728	-1.722	-0.315	1.152	2.343
701	7.00	3.029	3.146	2.775	2.096	1.315	0.612	0.113	-0.118	-0.071	0.210
711	7.10	0.632	1.061	1.354	1.409	1.209	0.852	0.526	0.447	0.760	1.464
721	7.20	2.385	3.220	3.648	3.455	2.625	1.354	-0.017	-1.125	-1.724	-1.761
731	7.30	-1.376	-0.831	-0.388	-0.209	-0.308	-0.569	-0.822	-0.934	-0.868	-0.697
741	7.40	-0.551	-0.558	-0.768	-1.131	-1.510	-1.736	-1.676	-1.286	-0.638	0.102
751	7.50	0.710	0.975	0.754	0.024	-1.095	-2.353	-3.414	-3.944	-3.699	-2.615
761	7.60	-0.857	1.205	3.078	4.288	4.522	3.734	2.160	0.248	-1.491	-2.645
771	7.70	-3.020	-2.675	-1.855	-0.873	0.028	0.746	1.329	1.892	2.519	3.183
781	7.80	3.737	3.968	3.705	2.905	1.692	0.315	-0.939	-1.850	-2.317	-2.366
791	7.90	-2.086	-1.566	-0.856	0.014	0.981	1.895	2.507	2.543	1.821	0.364
801	8.00	-1.545	-3.431	-4.786	-5.263	-4.819	-3.730	-2.465	-1.476	-0.994	-0.939
811	8.10	-0.984	-0.751	-0.036	1.048	2.088	2.557	2.069	0.606	-1.428	-3.336
821	8.20	-4.400	-4.184	-2.712	-0.455	1.868	3.582	4.316	4.106	3.318	2.440
831	8.30	1.841	1.629	1.656	1.648	1.392	0.871	0.278	-0.089	-0.000	0.573
841	8.40	1.420	2.180	2.506	2.234	1.450	0.654	-0.382	-0.790	-0.719	-0.345
851	8.50	0.026	0.111	-0.203	-0.810	-1.422	-1.708	-1.441	-0.606	0.580	1.750
861	8.60	2.514	2.602	1.947	0.702	-0.835	-2.313	-3.439	-4.041	-4.074	-3.596
871	8.70	-2.714	-1.540	-0.184	1.240	2.586	3.667	4.269	4.207	3.397	1.913
881	8.80	0.009	-1.921	-3.439	-4.189	-4.009	-2.994	-1.472	0.088	1.222	1.620
891	8.90	1.216	0.207	-1.013	-1.985	-2.338	-1.904	-0.773	0.734	2.167	3.081
901	9.00	3.175	2.377	0.867	-0.978	-2.692	-3.859	-4.226	-3.769	-2.695	-1.361
911	9.10	-0.169	0.567	0.708	0.324	-0.341	-0.953	-1.210	-0.931	-0.119	1.047
921	9.20	2.277	3.261	3.764	3.695	3.116	2.211	1.220	0.359	-0.225	-0.478
931	9.30	-0.426	-0.140	0.293	0.779	1.214	1.480	1.449	1.025	0.194	-0.928
941	9.40	-2.083	-2.935	-3.180	-2.681	-1.558	-0.184	0.934	1.349	0.865	-0.358
951	9.50	-1.855	-3.047	-3.489	-3.080	-2.112	-1.140	-0.720	-1.129	-2.214	-3.438
961	9.60	-4.128	-3.785	-2.342	-0.216	1.870	3.204	3.414	2.636	1.433	0.547
971	9.70	0.538	1.541	3.224	4.970	6.170	6.502	6.034	5.129	4.216	3.542
981	9.80	3.061	2.499	1.568	0.194	-1.369	-2.615	-3.016	-2.306	-0.648	1.377
991	9.90	3.003	3.593	2.913	1.221	-0.855	-2.602	-3.517	-3.494	-2.816	-1.980

Table 7-75-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-1.444	-1.432	-1.877	-2.506	-3.021	-3.253	-3.225	-3.099	-3.041	-3.096
1011	10.10	-3.141	-2.945	-2.301	-1.163	0.302	1.757	2.838	3.303	3.139	2.558
1021	10.20	1.894	1.450	1.377	1.622	1.984	2.226	2.197	1.888	1.417	0.945
1031	10.30	0.582	0.334	0.125	-0.132	-0.441	-0.686	-0.669	-0.219	0.684	1.842
1041	10.40	2.870	3.338	2.957	1.726	-0.035	-1.801	-3.057	-3.514	-3.233	-2.581
1051	10.50	-2.042	-1.973	-2.424	-3.114	-3.581	-3.432	-2.560	-1.223	0.073	0.827
1061	10.60	0.813	0.208	-0.475	-0.641	0.081	1.626	3.492	4.960	5.426	4.679
1071	10.70	2.994	0.991	-0.667	-1.577	-1.744	-1.516	-1.331	-1.445	-1.770	-1.937
1081	10.80	-1.530	-0.375	1.287	2.853	3.621	3.141	1.463	-0.837	-2.896	-3.940
1091	10.90	-3.636	-2.231	-0.429	0.938	1.279	0.480	-1.066	-2.775	-3.971	-4.336
1101	11.00	-3.888	-2.906	-1.731	-0.603	0.402	1.292	2.040	2.492	2.393	1.531
1111	11.10	-0.094	-2.159	-4.068	-5.139	-4.878	-3.195	-0.472	2.558	5.064	6.406
1121	11.20	6.337	5.050	3.078	1.093	-0.306	-0.738	-0.117	1.373	3.338	5.276
1131	11.30	6.681	7.162	6.541	4.918	2.668	0.351	-1.450	-2.313	-2.115	-1.075
1141	11.40	0.325	1.513	2.012	1.587	0.285	-1.605	-3.672	-5.491	-6.717	-7.134
1151	11.50	-6.681	-5.456	-3.716	-1.845	-0.276	0.630	0.713	0.094	-0.854	-1.643
1161	11.60	-1.889	-1.495	-0.715	-0.059	-0.040	-0.918	-2.528	-4.315	-5.564	-5.716
1171	11.70	-4.626	-2.633	-0.397	1.413	2.428	2.735	2.789	3.146	4.145	5.701
1181	11.80	7.328	8.368	8.309	7.036	4.876	2.445	0.354	-1.044	-1.748	-2.020
1191	11.90	-2.158	-2.289	-2.293	-1.911	-0.963	0.453	1.904	2.779	2.573	1.184
1201	12.00	-0.970	-3.072	-4.239	-3.929	-2.219	0.175	2.170	2.764	1.471	-1.443
1211	12.10	-5.044	-8.078	-9.463	-8.707	-6.081	-2.501	0.850	2.974	3.426	2.434
1221	12.20	0.759	-0.644	-1.026	-0.115	1.814	4.100	6.005	7.019	7.038	6.340
1231	12.30	5.397	4.611	4.115	3.743	3.172	2.158	0.736	-0.733	-1.721	-1.812
1241	12.40	-0.979	0.319	1.291	1.164	-0.402	-3.074	-5.888	-7.623	-7.332	-4.805
1251	12.50	-0.732	3.522	6.463	7.082	5.271	1.844	-1.841	-4.486	-5.401	-4.738
1261	12.60	-3.321	-2.173	-1.972	-2.721	-3.784	-4.261	-3.510	-1.529	0.983	2.939
1271	12.70	3.395	2.032	-0.639	-3.484	-5.249	-5.139	-3.205	-0.333	2.135	3.008
1281	12.80	1.781	-1.135	-4.576	-7.129	-7.724	-6.074	-2.771	0.984	3.892	5.072
1291	12.90	4.374	2.359	0.002	-1.748	-2.341	-1.791	-0.568	0.682	1.459	1.610
1301	13.00	1.335	1.015	0.975	1.299	1.804	2.164	2.112	1.619	0.925	0.437
1311	13.10	0.519	1.307	2.638	4.125	5.359	6.097	6.363	6.383	6.409	6.510
1321	13.20	6.481	5.916	4.436	1.954	-1.149	-4.079	-5.886	-5.849	-3.814	-0.321
1331	13.30	3.554	6.569	7.781	6.873	4.249	0.829	-2.322	-4.404	-5.133	-4.768
1341	13.40	-3.920	-3.243	-3.166	-3.734	-4.668	-5.507	-5.820	-5.370	-4.171	-2.447
1351	13.50	-0.534	1.223	2.545	3.255	3.279	2.653	1.514	0.100	-1.284	-2.327
1361	13.60	-2.796	-2.618	-1.924	-1.022	-0.300	-0.089	-0.537	-1.541	-2.770	-3.779
1371	13.70	-4.168	-3.717	-2.465	-0.687	1.211	2.835	3.916	4.371	4.276	3.798
1381	13.80	3.117	2.389	1.750	1.341	1.316	1.800	2.801	4.115	5.313	5.831
1391	13.90	5.185	3.214	0.252	-2.897	-5.200	-5.790	-4.357	-1.342	2.163	4.813
1401	14.00	5.543	4.008	0.740	-3.069	-6.057	-7.241	-6.378	-3.992	-1.073	1.388
1411	14.10	2.784	3.038	2.458	1.427	0.132	-1.495	-3.601	-6.107	-8.498	-9.865
1421	14.20	-9.254	-6.164	-0.941	5.168	10.383	13.063	12.370	8.626	3.176	-2.188
1431	14.30	-5.982	-7.603	-7.458	-6.612	-6.150	-6.577	-7.570	-8.196	-7.462	-4.903
1441	14.40	-0.903	3.440	6.814	8.319	7.881	6.251	4.591	3.860	4.320	5.412
1451	14.50	6.065	5.270	2.638	-1.354	-5.539	-8.574	-9.536	-8.308	-5.583	-2.486
1461	14.60	-0.041	1.285	1.713	1.934	2.657	4.177	6.167	7.817	8.240	6.932
1471	14.70	4.082	0.548	-2.473	-3.959	-3.505	-1.516	0.947	2.602	2.480	0.329
1481	14.80	-3.273	-7.138	-9.931	-10.686	-9.173	-5.962	-2.191	0.892	2.397	2.106
1491	14.90	0.493	-1.526	-3.017	-3.425	-2.773	-1.583	-0.552	-0.146	-0.309	-0.434

Table 7-75-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	0.356	2.742	6.768	11.643	15.911	17.957	16.655	11.872	4.626	-3.219
1511	15.10	-9.590	-12.920	-12.672	-9.435	-4.602	0.225	3.830	5.728	6.152	5.738
1521	15.20	5.100	4.534	3.971	3.175	2.031	0.731	-0.277	-0.563	-0.055	0.769
1531	15.30	0.985	-0.368	-3.749	-8.715	-13.889	-17.380	-17.503	-13.510	-5.998	3.209
1541	15.40	11.670	17.198	18.617	16.099	10.961	5.046	-0.028	-3.411	-5.140	-5.859
1551	15.50	-6.302	-6.851	-7.373	-7.393	-6.481	-4.606	-2.238	-0.152	0.981	0.982
1561	15.60	0.292	-0.235	0.207	1.889	4.319	6.385	6.860	5.003	0.988	-4.081
1571	15.70	-8.582	-11.036	-10.706	-7.849	-3.525	0.946	4.580	7.096	8.866	10.502
1581	15.80	12.328	14.035	14.732	13.402	9.519	3.518	-3.182	-8.656	-11.262	-10.381
1591	15.90	-6.748	-2.188	1.154	1.739	-0.697	-5.034	-9.286	-11.481	-10.527	-6.662
1601	16.00	-1.305	3.590	6.374	6.333	3.869	0.174	-3.391	-5.894	-7.146	-7.607
1611	16.10	-8.000	-8.856	-10.232	-11.723	-12.729	-12.805	-11.889	-10.320	-8.631	-7.264
1621	16.20	-6.350	-5.666	-4.751	-3.112	-0.406	3.481	8.431	14.122	20.039	25.449
1631	16.30	29.428	31.004	29.449	24.630	17.273	8.935	1.608	-2.951	-3.911	-1.766
1641	16.40	1.810	4.635	4.969	2.332	-2.217	-6.513	-8.253	-6.106	-0.422	6.797
1651	16.50	12.681	14.696	11.713	4.459	-4.860	-13.566	-19.655	-22.562	-23.139	-22.949
1661	16.60	-23.233	-24.101	-24.395	-22.286	-16.325	-6.394	5.942	17.892	26.519	29.934
1671	16.70	28.024	22.383	15.480	9.489	5.367	2.617	-0.156	-4.227	-9.805	-15.687
1681	16.80	-19.707	-19.785	-15.048	-6.446	3.485	11.629	15.640	14.980	11.178	7.144
1691	16.90	5.869	9.061	16.335	25.296	32.467	34.660	30.194	19.511	4.972	-10.020
1701	17.00	-22.177	-29.317	-30.882	-27.854	-22.214	-16.185	-11.533	-9.123	-8.815	-9.684
1711	17.10	-10.465	-10.070	-8.039	-4.741	-1.274	0.969	0.899	-1.715	-6.007	-10.231
1721	17.20	-12.412	-11.173	-6.387	0.677	7.826	12.859	14.526	13.071	10.086	7.702
1731	17.30	7.508	9.712	12.974	15.029	13.608	8.533	0.225	-8.627	-15.099	-17.088
1741	17.40	-14.186	-7.767	-0.293	5.809	9.130	9.657	8.429	6.709	5.194	3.682
1751	17.50	1.382	-2.348	-7.288	-12.126	-14.895	-13.901	-8.657	-0.330	8.590	15.260
1761	17.60	17.662	15.410	9.812	3.181	-2.245	-5.239	-5.931	-5.455	-5.145	-5.745
1771	17.70	-7.053	-8.165	-8.131	-6.627	-4.227	-2.124	-1.436	-2.496	-4.530	-5.938
1781	17.80	-5.045	-0.968	5.862	13.787	20.582	24.370	24.358	21.040	15.821	10.277
1791	17.90	5.431	1.400	-2.456	-6.995	-12.678	-19.177	-25.393	-29.835	-31.172	-28.700
1801	18.00	-22.545	-13.600	-3.257	6.903	15.389	21.002	23.019	21.340	16.588	10.055
1811	18.10	3.431	-1.671	-4.249	-4.288	-2.760	-1.211	-1.048	-2.856	-6.057	-9.117
1821	18.20	-10.236	-8.227	-3.173	3.479	9.453	12.660	11.839	7.664	1.964	-2.760
1831	18.30	-4.441	-2.295	2.885	9.094	13.942	15.563	13.238	7.485	-0.316	-8.555
1841	18.40	-15.954	-21.840	-26.074	-28.762	-29.956	-29.530	-27.274	-23.138	-17.447	-10.950
1851	18.50	-4.656	0.488	3.913	5.604	6.049	6.007	6.193	7.026	8.535	10.432
1861	18.60	12.294	13.763	14.680	15.106	15.255	15.371	15.620	16.010	16.373	16.394
1871	18.70	15.681	13.867	10.734	6.319	0.986	-4.583	-9.504	-12.876	-14.004	-12.582
1881	18.80	-8.777	-3.191	3.281	9.633	14.910	18.324	19.315	17.610	13.283	6.843
1891	18.90	-0.737	-8.096	-13.744	-16.458	-15.726	-12.024	-6.800	-2.065	0.298	-0.735
1901	19.00	-4.861	-10.475	-15.252	-17.066	-14.900	-9.339	-2.399	3.269	5.501	3.567
1911	19.10	-1.465	-7.146	-10.674	-10.098	-5.163	2.591	10.509	15.974	17.509	15.309
1921	19.20	10.996	6.719	4.064	3.319	3.428	2.668	-0.319	-5.670	-12.063	-17.225
1931	19.30	-18.957	-16.166	-9.399	-0.628	7.602	13.225	15.400	14.610	12.112	9.104
1941	19.40	6.060	2.633	-1.860	-7.650	-13.918	-18.784	-19.983	-15.930	-6.643	5.970
1951	19.50	18.684	28.159	32.237	30.726	25.299	18.572	12.818	8.983	6.346	3.328
1961	19.60	-1.579	-8.686	-16.742	-23.415	-26.403	-24.599	-18.718	-11.040	-4.380	-0.794
1971	19.70	-0.659	-2.583	-4.200	-3.434	0.375	6.068	11.170	13.068	10.272	3.191
1981	19.80	-5.998	-14.262	-18.981	-18.998	-14.960	-8.865	-3.087	0.656	1.886	1.313
1991	19.90	0.250	-0.159	0.519	1.928	3.266	3.829	3.412	2.355	1.253	0.514

Table 7-75-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.048	-0.723	-2.534	-5.804	-10.294	-15.080	-18.875	-20.542	-19.538	-16.075
2011	20.10	-10.951	-5.145	0.583	5.505	10.857	15.568	19.981	23.721	26.194	26.847
2021	20.20	25.432	22.117	17.390	11.837	5.920	-0.075	-5.927	-11.264	-15.439	-17.606
2031	20.30	-17.037	-13.518	-7.621	-0.662	5.695	10.029	11.686	10.971	8.913	6.708
2041	20.40	5.123	4.173	3.227	1.492	-1.399	-5.034	-8.310	-9.957	-9.222	-6.356
2051	20.50	-2.600	0.347	1.169	-0.363	-3.180	-5.337	-4.921	-0.991	5.876	13.734
2061	20.60	20.044	22.728	21.014	15.687	8.656	2.068	-2.593	-4.989	-5.821	-6.214
2071	20.70	-6.987	-8.178	-9.086	-8.770	-6.720	-3.298	0.303	2.604	2.604	0.369
2081	20.80	-2.872	-5.235	-5.044	-1.680	4.031	10.057	13.961	13.891	9.336	1.318
2091	20.90	-8.042	-16.357	-21.832	-23.786	-22.669	-19.632	-15.915	-12.360	-9.243	-6.433
2101	21.00	-3.724	-1.117	1.128	2.660	3.309	3.281	3.114	3.416	4.510	6.202
2111	21.10	7.814	8.505	7.724	5.570	2.854	0.798	0.501	2.424	6.142	10.509
2121	21.20	14.161	16.115	16.193	15.024	13.664	12.984	13.164	13.547	12.955	10.317
2131	21.30	5.310	-1.312	-7.897	-12.520	-13.800	-11.516	-6.759	-1.514	2.125	2.775
2141	21.40	0.272	-4.359	-9.406	-13.202	-14.755	-14.015	-11.700	-8.837	-6.269	-4.374
2151	21.50	-3.107	-2.272	-1.839	-2.092	-3.493	-6.361	-10.529	-15.211	-19.194	-21.281
2161	21.60	-20.806	-17.954	-13.714	-9.477	-6.448	-5.140	-5.179	-5.525	-4.973	-2.720
2171	21.70	1.271	6.271	11.128	14.774	16.666	16.956	16.334	15.649	15.491	15.942
2181	21.80	16.566	16.759	15.888	13.773	10.660	7.111	3.747	0.984	-1.101	-2.747
2191	21.90	-4.338	-6.187	-8.369	-10.660	-12.595	-13.602	-13.165	-10.968	-6.984	-1.521
2201	22.00	4.795	11.104	16.452	20.001	21.244	20.180	17.349	13.701	10.303	7.983
2211	22.10	7.019	7.030	7.110	6.185	3.453	-1.258	-7.359	-13.657	-18.737	-21.424
2221	22.20	-21.135	-18.010	-12.794	-6.539	-0.284	5.166	9.302	11.836	12.592	11.454
2231	22.30	8.431	3.775	-1.910	-7.697	-12.536	-15.571	-16.446	-15.449	-13.409	-11.360
2241	22.40	-10.118	-9.945	-10.464	-10.859	-10.288	-8.295	-5.052	-1.304	1.940	3.842
2251	22.50	4.069	2.908	1.093	-0.538	-1.389	-1.312	-0.572	0.364	1.092	1.458
2261	22.60	1.568	1.658	1.915	2.365	2.893	3.382	3.860	4.560	5.826	7.897
2271	22.70	10.681	13.663	16.010	16.868	15.728	12.680	8.445	4.141	0.883	-0.624
2281	22.80	-0.313	1.273	3.249	4.776	5.390	5.140	4.499	4.092	4.375	5.401
2291	22.90	6.774	7.787	7.702	6.050	2.840	-1.385	-5.687	-8.999	-10.457	-9.668
2301	23.00	-6.851	-2.777	1.464	4.798	6.485	6.321	4.633	2.091	-0.582	-2.885
2311	23.10	-4.668	-6.085	-7.402	-8.771	-10.102	-11.099	-11.446	-11.029	-10.079	-9.120
2321	23.20	-8.750	-9.339	-10.818	-12.661	-14.098	-14.457	-13.464	-11.361	-8.759	-6.319
2331	23.30	-4.420	-2.986	-1.568	0.359	3.047	6.263	9.338	11.454	12.039	11.052
2341	23.40	9.018	6.783	5.115	4.348	4.254	4.195	3.481	1.745	-0.857	-3.706
2351	23.50	-6.010	-7.146	-6.905	-5.507	-3.415	-1.065	1.325	3.774	6.385	9.138
2361	23.60	11.759	13.777	14.735	14.455	13.191	11.574	10.356	10.065	10.752	11.952
2371	23.70	12.894	12.867	11.445	8.830	5.567	2.363	-0.226	-1.985	-3.037	-3.667
2381	23.80	-4.109	-4.411	-4.456	-4.113	-3.623	-2.685	-2.390	-3.009	-4.746	-7.385
2391	23.90	-10.320	-12.750	-13.981	-13.674	-11.959	-9.356	-6.583	-4.312	-3.002	-2.828
2401	24.00	-3.719	-5.433	-7.630	-9.922	-11.901	-13.193	-13.532	-12.844	-11.295	-9.245
2411	24.10	-7.121	-5.241	-3.684	-2.272	-0.706	1.225	3.440	5.505	6.757	6.588
2421	24.20	4.750	1.542	-2.227	-5.505	-7.390	-7.466	-5.943	-3.532	-1.115	0.640
2431	24.30	1.543	1.907	2.349	3.447	5.448	8.129	10.887	12.994	13.894	13.403
2441	24.40	11.740	9.385	6.866	4.554	2.588	0.922	-0.534	-1.783	-2.670	-2.940
2451	24.50	-2.369	-0.912	1.211	3.540	5.512	6.660	6.784	6.027	4.824	3.731
2461	24.60	3.204	3.422	4.214	5.139	5.683	5.491	4.542	3.180	1.985	1.520
2471	24.70	2.068	3.473	5.164	6.371	6.431	5.070	2.530	-0.530	-3.297	-5.132
2681	24.80	-5.803	-5.528	-4.811	-4.171	-3.898	-3.952	-4.059	-3.940	-3.521	-3.025
2491	24.90	-2.867	-3.406	-4.695	-6.367	-7.745	-8.134	-7.170	-5.046	-2.490	-0.487

Table 7-75-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.129	-0.965	-3.437	-6.435	-8.932	-10.124	-9.695	-7.843	-5.099	-2.036
2511	25.10	0.972	3.821	6.575	9.275	11.780	13.752	14.783	14.606	13.266	11.144
2521	25.20	8.826	6.865	5.559	4.862	4.455	3.942	3.059	1.801	0.392	-0.863
2531	25.30	-1.765	-2.345	-2.855	-3.639	-4.943	-6.773	-8.853	-10.721	-11.899	-12.077
2541	25.40	-11.212	-9.536	-7.458	-5.425	-3.789	-2.728	-2.229	-2.118	-2.130	-1.988
2551	25.50	-1.475	-0.503	0.856	2.378	3.745	4.653	4.928	4.613	3.980	3.442
2561	25.60	3.400	4.075	5.392	6.983	8.310	8.866	8.367	6.891	4.840	2.805
2571	25.70	1.342	0.770	1.060	1.861	2.643	2.905	2.350	0.978	-0.951	-3.059
2581	25.80	-4.975	-6.570	-7.901	-9.193	-10.683	-12.466	-14.404	-16.145	-17.256	-17.416
2591	25.90	-16.572	-14.999	-13.201	-11.711	-10.854	-10.596	-10.544	-10.115	-8.803	-6.413
2601	26.00	-3.167	0.394	3.650	6.187	7.976	9.361	10.852	12.832	15.320	17.926
2611	26.10	20.009	20.990	20.635	19.175	17.191	15.318	13.922	12.929	11.902	10.333
2621	26.20	8.005	5.211	2.697	1.338	1.670	3.544	6.080	7.981	8.094	5.952
2631	26.30	2.039	-2.365	-5.716	-6.868	-5.567	-2.556	0.782	3.020	3.319	1.729
2641	26.40	-0.910	-3.429	-4.891	-4.999	-4.147	-3.126	-2.662	-3.028	-3.935	-4.737
2651	26.50	-4.833	-4.031	-2.689	-1.543	-1.329	-2.399	-4.526	-7.015	-9.034	-10.011
2661	26.60	-9.877	-9.034	-8.086	-7.480	-7.260	-7.064	-6.367	-4.821	-2.515	0.005
2671	26.70	1.978	2.794	2.313	0.945	-0.537	-1.379	-1.205	-0.204	0.983	1.581
2681	26.80	1.070	-0.570	-2.861	-5.068	-6.534	-6.953	-6.433	-5.353	-4.106	-2.882
2691	26.90	-1.618	-0.126	1.685	3.631	5.254	6.007	5.547	3.973	1.879	0.157
2701	27.00	-0.351	0.779	3.363	6.671	9.724	11.694	12.211	11.475	10.103	8.831
2711	27.10	8.183	8.270	8.787	9.181	8.898	7.599	5.261	2.149	-1.295	-4.584
2721	27.20	-7.296	-9.124	-9.900	-9.613	-8.414	-6.625	-4.690	-3.081	-2.171	-2.100
2731	27.30	-2.731	-3.696	-4.550	-4.964	-4.870	-4.499	-4.273	-4.607	-5.703	-7.424
2741	27.40	-9.320	-10.783	-11.280	-10.562	-8.760	-6.335	-3.912	-2.052	-1.069	-0.946
2751	27.50	-1.366	-1.865	-1.927	-1.317	0.021	1.869	3.866	5.535	6.628	7.017
2761	27.60	6.832	6.386	6.059	6.151	6.761	7.728	8.679	9.159	8.813	7.543
2771	27.70	5.573	3.396	1.608	0.693	0.846	1.897	3.380	4.708	5.390	5.191
2781	27.80	4.191	2.716	1.187	-0.038	-0.775	-1.020	-0.891	-0.533	-0.050	0.504
2791	27.90	1.087	1.625	1.995	2.064	1.773	1.201	0.576	0.195	0.288	0.879
2801	28.00	1.731	2.409	2.459	1.619	-0.031	-2.058	-3.834	-4.787	-4.649	-3.574
2811	28.10	-2.078	-0.819	-0.316	-0.735	-1.845	-3.142	-4.094	-4.376	-3.984	-3.191
2821	28.20	-2.376	-1.826	-1.608	-1.587	-1.553	-1.386	-1.151	-1.074	-1.397	-2.207
2831	28.30	-3.328	-4.360	-4.844	-4.485	-3.313	-1.686	-0.150	0.813	0.992	0.524
2841	28.40	-0.192	-0.712	-0.763	-0.361	0.238	0.701	0.824	0.639	0.388	0.373
2851	28.50	0.765	1.506	2.337	2.957	3.216	3.225	3.309	3.822	4.925	6.442
2861	28.60	7.892	8.695	8.658	7.180	5.277	3.401	2.125	1.672	1.815	2.009
2871	28.70	1.692	0.597	-1.078	-2.756	-3.757	-3.658	-2.526	-0.918	0.359	0.627
2881	28.80	-0.352	-2.260	-4.377	-5.913	-6.356	-5.684	-4.328	-2.942	-2.083	-1.982
2891	28.90	-2.480	-3.161	-3.581	-3.469	-2.803	-1.750	-0.528	0.718	1.940	3.113
2901	29.00	4.136	4.771	4.717	3.766	1.992	-0.179	-2.054	-2.935	-2.423	-0.646
2911	29.10	1.738	3.765	4.540	3.601	1.103	-2.252	-5.508	-7.835	-8.826	-8.592
2921	29.20	-7.629	-6.545	-5.786	-5.492	-5.524	-5.623	-5.605	-5.464	-5.353	-5.450
2931	29.30	-5.804	-6.257	-6.483	-6.134	-5.009	-3.170	-0.926	1.288	3.085	4.261
2941	29.40	4.840	5.003	4.965	4.860	4.694	4.389	3.871	3.153	2.360	1.687
2951	29.50	1.307	1.294	1.598	2.087	2.634	3.187	3.793	4.556	5.538	6.682
2961	29.60	7.776	8.503	8.544	7.707	6.007	3.682	1.125	-1.225	-2.997	-3.976
2971	29.70	-4.120	-3.546	-2.469	-1.151	0.154	1.234	1.944	2.222	2.092	1.651
2981	29.80	1.040	0.404	-0.150	-0.580	-0.907	-1.187	-1.474	-1.779	-2.056	-2.207
2991	29.90	-2.111	-1.656	-0.776	0.530	2.178	4.004	5.770	7.191	7.979	7.905

Table 7-75-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	6.872	4.955	2.415	-0.355	-2.927	-4.945	-6.221	-6.763	-6.739	-6.385
3011	30.10	-5.899	-5.372	-4.773	-3.999	-2.958	-1.645	-0.161	1.308	2.566	3.480
3021	30.20	4.017	4.237	4.239	4.096	3.818	3.357	2.661	1.733	0.675	-0.318
3031	30.30	-1.025	-1.286	-1.081	-0.554	0.023	0.348	0.206	-0.451	-1.475	-2.574
3041	30.40	-3.411	-3.719	-3.384	-2.474	-1.203	0.151	1.331	2.170	2.616	2.716
3051	30.50	2.569	2.285	1.942	1.588	1.245	0.927	0.653	0.442	0.295	0.185
3061	30.60	0.054	-0.171	-0.539	-1.042	-1.596	-2.053	-2.246	-2.050	-1.444	-0.533
3071	30.70	0.465	1.282	1.681	1.532	0.849	-0.220	-1.450	-2.614	-3.553	-4.211
3081	30.80	-4.628	-4.894	-5.092	-5.250	-5.323	-5.210	-4.799	-4.020	-2.885	-1.501
3091	30.90	-0.056	1.234	2.169	2.619	2.546	2.002	1.097	-0.037	-1.284	-2.561
3101	31.00	-3.804	-4.933	-5.819	-6.271	-6.063	-5.005	-3.032	-0.272	2.932	6.085
3111	31.10	8.662	10.263	10.730	10.190	8.989	7.561	6.268	5.283	4.575	3.973
3121	31.20	3.297	2.474	1.584	0.820	0.384	0.372	0.712	1.192	1.555	1.625
3131	31.30	1.381	0.959	0.561	0.337	0.296	0.288	0.085	-0.491	-1.466	-2.672
3141	31.40	-3.812	-4.585	-4.821	-4.548	-3.977	-3.394	-3.038	-3.008	-3.240	-3.563
3151	31.50	-3.788	-3.785	-3.507	-2.974	-2.234	-1.336	-0.344	0.634	1.419	1.794
3161	31.60	1.576	0.720	-0.616	-2.083	-3.257	-3.804	-3.622	-2.892	-1.992	-1.314
3171	31.70	-1.072	-1.184	-1.319	-1.066	-0.160	1.353	3.106	4.565	5.272	5.073
3181	31.80	4.190	3.125	2.416	2.371	2.926	3.668	4.042	3.623	2.319	0.415
3191	31.90	-1.564	-3.104	-3.928	-4.095	-3.927	-3.809	-3.974	-4.377	-4.739	-4.714
3201	32.00	-4.096	-2.951	-1.605	-0.483	0.099	0.104	-0.210	-0.420	-0.157	0.692
3211	32.10	1.916	3.068	3.679	3.492	2.593	1.388	0.424	0.148	0.712	1.919
3221	32.20	3.321	4.435	4.950	4.851	4.391	3.938	3.785	3.994	4.377	4.587
3231	32.30	4.295	3.350	1.860	0.155	-1.345	-2.289	-2.515	-2.078	-1.199	-0.165
3241	32.40	0.778	1.464	1.814	1.796	1.393	0.651	-0.537	-1.897	-3.264	-4.376
3251	32.50	-5.004	-5.041	-4.553	-3.760	-2.938	-2.303	-1.917	-1.667	-1.330	-0.700
3261	32.60	0.303	1.578	2.888	3.965	4.642	4.927	4.987	5.050	5.277	5.666
3271	32.70	6.046	6.164	5.817	4.969	3.785	2.566	1.611	1.088	0.963	1.032
3281	32.80	1.037	0.796	0.289	-0.349	-0.923	-1.304	-1.514	-1.727	-2.175	-3.004
3291	32.90	-4.174	-5.429	-6.391	-6.722	-6.276	-5.181	-3.798	-2.578	-1.883	-1.847
3301	33.00	-2.345	-3.076	-3.710	-4.050	-4.107	-4.083	-4.255	-4.831	-5.840	-7.102
3311	33.10	-8.299	-9.098	-9.284	-8.833	-7.903	-6.744	-5.578	-4.501	-3.455	-2.276
3321	33.20	-0.807	0.984	2.938	4.714	5.901	6.169	5.416	3.840	1.900	0.175
3331	33.30	-0.828	-0.845	0.064	1.561	3.173	4.482	5.273	5.590	5.670	5.802
3341	33.40	6.175	6.790	7.477	7.994	8.165	7.970	7.557	7.151	6.922	6.881
3351	33.50	6.855	6.569	5.786	4.445	2.713	0.937	-0.507	-1.376	-1.668	-1.620
3361	33.60	-1.599	-1.934	-2.774	-4.036	-5.462	-6.754	-7.710	-8.306	-8.672	-8.999
3371	33.70	-9.408	-9.873	-10.220	-10.208	-9.654	-8.527	-6.972	-5.258	-3.658	-2.350
3381	33.80	-1.350	-0.538	0.268	1.208	2.310	3.481	4.545	5.327	5.717	5.712
3391	33.90	5.400	4.921	4.420	4.009	3.763	3.728	3.930	4.382	5.063	5.902
3401	34.00	6.767	7.472	7.817	7.635	6.848	5.496	3.741	1.827	0.032	-1.402
3411	34.10	-2.320	-2.688	-2.592	-2.212	-1.760	-1.425	-1.318	-1.435	-1.672	-1.858
3421	34.20	-1.825	-1.471	-0.804	0.052	0.896	1.514	1.757	1.586	1.083	0.419
3431	34.30	-0.203	-0.610	-0.706	-0.481	0.006	0.659	1.378	2.077	2.685	3.140
3441	34.40	3.384	3.362	3.041	2.421	1.551	0.515	-0.582	-1.653	-2.648	-3.566
3451	34.50	-4.443	-5.324	-6.232	-7.147	-8.001	-8.688	-9.099	-9.141	-8.768	-7.984
3461	34.60	-6.850	-5.474	-4.003	-2.607	-1.465	-0.729	-0.500	-0.789	-1.499	-2.427
3471	34.70	-3.298	-3.820	-3.752	-2.965	-1.481	0.535	2.807	5.016	6.867	8.150
3481	34.80	8.778	8.786	8.318	7.570	6.748	6.010	5.431	4.993	4.599	4.116
3491	34.90	3.428	2.489	1.353	0.162	-0.894	-1.641	-1.986	-1.944	-1.631	-1.213

Table 7-75-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.842	-0.601	-0.489	-0.450	-0.420	-0.381	-0.377	-0.486	-0.766	-1.188
3511	35.10	-1.618	-1.841	-1.647	-0.922	0.285	1.752	3.163	4.212	4.724	4.710
3521	35.20	4.356	3.935	3.692	3.745	4.045	4.413	4.617	4.471	3.900	2.949
3531	35.30	1.754	0.478	-0.741	-1.825	-2.755	-3.549	-4.242	-4.866	-5.439	-5.957
3541	35.40	-6.398	-6.709	-6.820	-6.658	-6.186	-5.431	-4.507	-3.589	-2.870	-2.486
3551	35.50	-2.469	-2.728	-3.091	-3.381	-3.493	-3.439	-3.325	-3.288	-3.407	-3.648
3561	35.60	-3.862	-3.852	-3.463	-2.667	-1.579	-0.418	0.589	1.304	1.725	1.970
3571	35.70	2.211	2.577	3.094	3.679	4.183	4.462	4.443	4.134	3.603	2.931
3581	35.80	2.172	1.349	0.479	-0.388	-1.150	-1.670	-1.825	-1.572	-0.983	-0.230
3591	35.90	0.469	0.940	1.111	1.043	0.890	0.828	0.985	1.397	2.009	2.716
3601	36.00	3.415	4.040	4.564	4.985	5.296	5.473	5.485	5.314	4.978	4.527
3611	36.10	4.017	3.473	2.863	2.106	1.114	-0.155	-1.638	-3.165	-4.489	-5.372
3621	36.20	-5.659	-5.337	-4.540	-3.502	-2.480	-1.679	-1.206	-1.066	-1.185	-1.457
3631	36.30	-1.779	-2.076	-2.307	-2.461	-2.552	-2.611	-2.676	-2.773	-2.895	-2.982
3641	36.40	-2.923	-2.586	-1.865	-0.743	0.678	2.184	3.509	4.424	4.826	4.779
3651	36.50	4.493	4.245	4.265	4.643	5.302	6.026	6.559	6.704	6.395	5.706
3661	36.60	4.804	3.863	2.999	2.244	1.565	0.922	0.313	-0.209	-0.572	-0.741
3671	36.70	-0.770	-0.806	-1.042	-1.627	-2.583	-3.771	-4.927	-5.763	-6.094	-5.921
3681	36.80	-5.443	-4.974	-4.810	-5.090	-5.732	-6.448	-6.863	-6.659	-5.703	-4.097
3691	36.90	-2.129	-0.165	1.488	2.672	3.405	3.826	4.110	4.380	4.666	4.909
3701	37.00	5.010	4.888	4.512	3.903	3.114	2.195	1.181	0.097	-1.020	-2.096
3711	37.10	-3.027	-3.699	-4.034	-4.026	-3.751	-3.342	-2.943	-2.659	-2.522	-2.500
3721	37.20	-2.530	-2.569	-2.616	-2.717	-2.918	-3.226	-3.566	-3.790	-3.726	-3.253
3731	37.30	-2.369	-1.221	-0.069	0.797	1.168	1.001	0.447	-0.192	-0.576	-0.465
3741	37.40	0.278	1.462	2.810	3.973	4.674	4.804	4.458	3.891	3.420	3.312
3751	37.50	3.688	4.488	5.497	6.417	6.967	6.959	6.346	5.216	3.756	2.187
3761	37.60	0.709	-0.545	-1.518	-2.220	-2.702	-3.021	-3.211	-3.278	-3.196	-2.937
3771	37.70	-2.491	-1.891	-1.223	-0.615	-0.201	-0.084	-0.297	-0.784	-1.417	-2.025
3781	37.80	-2.453	-2.605	-2.470	-2.109	-1.630	-1.131	-0.668	-0.241	0.197	0.700
3791	37.90	1.288	1.925	2.514	2.928	3.046	2.792	2.157	1.196	0.013	-1.275
3801	38.00	-2.550	-3.706	-4.649	-5.286	-5.536	-5.339	-4.689	-3.658	-2.402	-1.143
3811	38.10	-0.119	0.484	0.592	0.278	-0.263	-0.769	-1.002	-0.833	-0.283	0.482
3821	38.20	1.225	1.729	1.881	1.717	1.403	1.156	1.158	1.473	2.030	2.652
3831	38.30	3.144	3.374	3.329	3.107	2.863	2.720	2.706	2.735	2.647	2.289
3841	38.40	1.599	0.655	-0.344	-1.149	-1.556	-1.487	-1.021	-0.360	0.250	0.613
3851	38.50	0.646	0.399	0.017	-0.325	-0.492	-0.429	-0.166	0.210	0.598	0.919
3861	38.60	1.131	1.231	1.236	1.173	1.072	0.973	0.927	1.000	1.259	1.751
3871	38.70	2.476	3.371	4.311	5.124	5.629	5.677	5.188	4.175	2.744	1.076
3881	38.80	-0.617	-2.137	-3.344	-4.186	-4.704	-5.012	-5.254	-5.553	-5.974	-6.499
3891	38.90	-7.041	-7.475	-7.687	-7.613	-7.261	-6.707	-6.060	-5.428	-4.879	-4.420
3901	39.00	-4.010	-3.579	-3.066	-2.449	-1.754	-1.056	-0.449	-0.017	0.193	0.192
3911	39.10	0.050	-0.123	-0.205	-0.101	0.231	0.761	1.390	1.980	2.399	2.571
3921	39.20	2.510	2.353	2.224	2.381	2.933	3.885	5.090	6.280	7.147	7.444
3931	39.30	7.069	6.111	4.820	3.516	2.477	1.841	1.561	1.446	1.247	0.778
3941	39.40	0.002	-0.948	-1.823	-2.357	-2.384	-1.905	-1.086	-0.193	0.509	0.853
3951	39.50	0.810	0.478	0.015	-0.429	-0.769	-0.989	-1.113	-1.164	-1.134	-0.983
3961	39.60	-0.678	-0.223	0.315	0.827	1.201	1.379	1.383	1.307	1.268	1.344
3971	39.70	1.534	1.754	1.880	1.810	1.524	1.089	0.634	0.280	0.082	-0.002
3981	39.80	-0.084	-0.292	-0.699	-1.280	-1.922	-2.467	-2.784	-2.620	-2.620	-2.302
3991	39.90	-2.009	-1.855	-1.901	-2.147	-2.551	-3.049	-3.566	-4.018	-4.310	-4.348

Table 7-75-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-4.072	-3.480	-2.659	-1.767	-0.991	-0.480	-0.283	-0.327	-0.447	-0.455
4011	40.10	-0.222	0.268	0.919	1.576	2.104	2.448	2.658	2.846	3.119	3.514
4021	40.20	3.971	4.367	4.582	4.570	4.394	4.197	4.123	4.233	4.447	4.555
4031	40.30	4.296	3.473	2.056	0.221	-1.690	-3.272	-4.200	-4.333	-3.762	-2.777
4041	40.40	-1.767	-1.096	-0.992	-1.489	-2.430	-3.525	-4.445	-4.917	-4.794	-4.091
4051	40.50	-2.966	-1.672	-0.475	0.413	0.890	0.979	0.797	0.508	0.263	0.155
4061	40.60	0.207	0.391	0.660	0.979	1.340	1.746	2.189	2.619	2.952	3.089
4071	40.70	2.967	2.589	2.049	1.497	1.091	0.928	0.909	1.191	1.323	1.221
4081	40.80	0.787	0.031	-0.932	-1.932	-2.811	-3.470	-3.897	-4.148	-4.306	-4.440
4091	40.90	-4.575	-4.695	-4.760	-4.733	-4.599	-4.358	-4.022	-3.585	-3.029	-2.323
4101	41.00	-1.448	-0.420	0.699	1.810	2.799	3.571	4.073	4.309	4.326	4.206
4111	41.10	4.035	3.894	3.843	3.918	4.120	4.407	4.698	4.875	4.817	4.437
4121	41.20	3.724	2.764	1.723	0.799	0.150	-0.175	-0.258	-0.288	-0.483	-1.000
4131	41.30	-1.861	-2.938	-4.000	-4.814	-5.238	-5.278	-5.071	-4.812	-4.650	-4.609
4141	41.40	-4.575	-4.358	-3.795	-2.848	-1.645	-0.644	0.477	0.938	0.936	0.653
4151	41.50	0.368	0.339	0.687	1.355	2.140	2.798	3.155	3.177	2.974	2.732
4161	41.60	2.620	2.714	2.982	3.314	3.598	3.778	3.876	3.963	4.102	4.297
4171	41.70	4.483	4.548	4.399	4.008	3.429	2.772	2.143	1.591	1.091	0.560
4181	41.80	-0.082	-0.865	-1.738	-2.590	-3.298	-3.784	-4.037	-4.105	-4.058	-3.937
4191	41.90	-3.737	-3.424	-2.977	-2.429	-1.878	-1.449	-1.237	-1.246	-1.368	-1.420
4201	42.00	-1.232	-0.728	0.018	0.802	1.378	1.561	1.323	0.802	0.246	-0.099
4211	42.10	-0.098	0.220	0.686	1.083	1.258	1.198	1.024	0.925	1.045	1.391
4221	42.20	1.810	2.039	1.821	1.014	-0.339	-2.021	-3.719	-5.139	-6.093	-6.542
4231	42.30	-6.564	-6.292	-5.840	-5.267	-4.585	-3.802	-2.958	-2.150	-1.498	-1.104
4241	42.40	-0.993	-1.095	-1.269	-1.363	-1.276	-1.002	-0.619	-0.248	0.017	0.156
4251	42.50	0.228	0.339	0.579	0.969	1.445	1.885	2.171	2.243	2.133	1.946
4261	42.60	1.816	1.839	2.037	2.355	2.692	2.955	3.098	3.124	3.069	2.957
4271	42.70	2.776	2.473	1.993	1.317	0.500	-0.335	-1.029	-1.449	-1.540	-1.346
4281	42.80	-0.987	-0.608	-0.313	-0.132	-0.020	0.111	0.340	0.696	1.150	1.631
4291	42.90	2.065	2.409	2.661	2.853	3.020	3.181	3.321	3.407	3.404	3.295
4301	43.00	3.091	2.819	2.514	2.196	1.873	1.545	1.211	0.877	0.554	0.249
4311	43.10	-0.047	-0.357	-0.709	-1.120	-1.589	-2.091	-2.593	-3.073	-3.527	-3.973
4321	43.20	-4.426	-4.884	-5.313	-5.653	-5.849	-5.878	-5.766	-5.579	-5.387	-5.220
4331	43.30	-5.042	-4.758	-4.260	-3.484	-2.463	-1.326	-0.257	0.578	1.106	1.381
4341	43.40	1.556	1.821	2.314	3.066	3.995	4.954	5.802	6.458	6.925	7.249
4351	43.50	7.468	7.565	7.461	7.059	6.315	5.287	4.142	3.102	2.352	1.958
4361	43.60	1.826	1.743	1.468	0.844	-0.131	-1.303	-2.434	-3.309	-3.834	-4.064
4371	43.70	-4.172	-4.355	-4.733	-5.296	-5.910	-6.385	-6.563	-6.387	-5.921	-5.310
4381	43.80	-4.705	-4.203	-3.815	-3.481	-3.117	-2.670	-2.140	-1.578	-1.040	-0.557
4391	43.90	-0.111	0.353	0.894	1.536	2.246	2.949	3.558	4.015	4.314	4.495
4401	44.00	4.618	4.718	4.786	4.767	4.587	4.197	3.601	2.864	2.091	1.388
4411	44.10	0.824	0.409	0.098	-0.180	-0.491	-0.869	-1.304	-1.755	-2.166	-2.484
4421	44.20	-2.677	-2.732	-2.657	-2.470	-2.198	-1.870	-1.515	-1.152	-0.790	-0.422
4431	44.30	-0.039	0.365	0.781	1.178	1.510	1.739	1.849	1.864	1.860	1.849
4441	44.40	1.950	2.167	2.483	2.850	3.215	3.540	3.804	3.999	4.102	4.071
4451	44.50	3.842	3.358	2.606	1.639	0.577	-0.430	-1.258	-1.857	-2.264	-2.585
4461	44.60	-2.935	-3.375	-3.881	-4.352	-4.669	-4.758	-4.643	-4.439	-4.305	-4.363
4471	44.70	-4.639	-5.039	-5.397	-5.545	-5.398	-4.981	-4.413	-3.835	-3.334	-2.900
4481	44.80	-2.437	-1.831	-1.025	-0.073	0.871	1.611	2.006	2.036	1.815	1.543
4491	44.90	1.410	1.518	1.842	2.257	2.610	2.793	2.790	2.664	2.502	2.355

Table 7-75-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	2.205	1.985	1.630	1.136	0.588	0.132	-0.095	-0.038	0.243	0.591
4511	45.10	0.825	0.835	0.630	0.332	0.110	0.090	0.281	0.576	0.808	0.840
4521	45.20	0.646	0.324	0.046	-0.036	0.128	0.456	0.782	0.948	0.900	0.731
4531	45.30	0.638	0.823	1.373	2.197	3.040	3.586	3.591	2.993	1.938	0.721
4541	45.40	-0.343	-1.066	-1.355	-1.404	-1.405	-1.538	-1.871	-2.338	-2.792	-3.084
4551	45.50	-3.135	-2.963	-2.657	-2.318	-2.003	-1.704	-1.369	-0.955	-0.468	0.021
4561	45.60	0.400	0.573	0.514	0.291	0.047	-0.062	0.073	0.461	1.005	1.542
4571	45.70	1.902	1.976	1.753	1.329	0.867	0.549	0.508	0.798	1.364	2.070
4581	45.80	2.728	3.158	3.237	2.933	2.315	1.528	0.741	0.095	-0.339	-0.579
4591	45.90	-0.704	-0.808	-0.955	-1.147	-1.324	-1.406	-1.339	-1.129	-0.854	-0.628
4601	46.00	-0.550	-0.659	-0.910	-1.191	-1.381	-1.396	-1.227	-0.937	-0.624	-0.365
4611	46.10	-0.181	-0.027	0.172	0.478	0.893	1.353	1.745	1.964	1.958	1.751
4621	46.20	1.430	1.100	0.836	0.650	0.502	0.329	0.098	-0.166	-0.387	-0.475
4631	46.30	-0.382	-0.142	0.123	0.247	0.091	-0.392	-1.120	-1.903	-2.511	-2.756
4641	46.40	-2.567	-2.014	-1.280	-0.592	-0.141	-0.023	-0.219	-0.628	-1.110	-1.545
4651	46.50	-1.864	-2.068	-2.106	-2.055	-1.896	-1.621	-1.232	-0.752	-0.238	0.238
4661	46.60	0.612	0.860	1.010	1.131	1.303	1.579	1.954	2.360	2.692	2.847
4671	46.70	2.764	2.455	1.994	1.492	1.057	0.748	0.564	0.449	0.320	0.109
4681	46.80	-0.205	-0.592	-0.982	-1.296	-1.486	-1.553	-1.550	-1.557	-1.641	-1.823
4691	46.90	-2.062	-2.262	-2.314	-2.145	-1.753	-1.220	-0.684	-0.285	-0.106	-0.138
4701	47.00	-0.278	-0.371	-0.281	0.057	0.604	1.235	1.797	2.172	2.326	2.310
4711	47.10	2.224	2.159	2.142	2.129	2.026	1.751	1.284	0.694	0.113	-0.324
4721	47.20	-0.538	-0.549	-0.456	-0.390	-0.439	-0.601	-0.788	-0.872	-0.760	-0.458
4731	47.30	-0.082	0.183	0.168	-0.202	-0.858	-1.617	-2.246	-2.566	-2.517	-2.177
4741	47.40	-1.712	-1.298	-1.035	-0.906	-0.798	-0.564	-0.103	0.580	1.367	2.071
4751	47.50	2.514	2.592	2.319	1.814	1.251	0.793	0.533	0.475	0.548	0.648
4761	47.60	0.686	0.619	0.462	0.260	0.068	-0.085	-0.205	-0.325	-0.484	-0.702
4771	47.70	-0.965	-1.229	-1.439	-1.552	-1.561	-1.498	-1.420	-1.381	-1.400	-1.447
4781	47.80	-1.451	-1.322	-0.996	-0.470	0.194	0.874	1.438	1.786	1.883	1.771
4791	47.90	1.540	1.294	1.100	0.973	0.879	0.769	0.612	0.430	0.291	0.282
4801	48.00	0.463	0.831	1.304	1.746	2.011	2.001	1.701	1.183	0.574	0.002
4811	48.10	-0.452	-0.779	-1.038	-1.316	-1.682	-2.153	-2.686	-3.196	-3.597	-3.833
4821	48.20	-3.900	-3.831	-3.670	-3.448	-3.160	-2.775	-2.264	-1.623	-0.894	-0.155
4831	48.30	0.506	1.027	1.397	1.665	1.912	2.217	2.620	3.109	3.621	4.080
4841	48.40	4.422	4.626	4.711	4.722	4.704	4.676	4.629	4.534	4.356	4.077
4851	48.50	3.701	3.249	2.745	2.208	1.651	1.080	0.508	-0.042	-0.542	-0.960
4861	48.60	-1.280	-1.500	-1.635	-1.709	-1.750	-1.783	-1.839	-1.955	-2.173	-2.525
4871	48.70	-3.015	-3.598	-4.182	-4.643	-4.866	-4.784	-4.413	-3.845	-3.218	-2.664
4881	48.80	-2.257	-1.993	-1.800	-1.578	-1.254	-0.815	-0.309	0.176	0.562	0.811
4891	48.90	0.940	1.002	1.053	1.117	1.177	1.187	1.106	0.923	0.673	0.421
4901	49.00	0.235	0.150	0.156	0.202	0.223	0.174	0.043	-0.140	-0.327	-0.473
4911	49.10	-0.549	-0.546	-0.466	-0.307	-0.070	0.239	0.582	0.887	1.052	0.981
4921	49.20	0.625	0.025	-0.691	-1.329	-1.701	-1.687	-1.288	-0.622	0.115	0.725
4931	49.30	1.086	1.187	1.123	1.067	1.096	1.335	1.735	2.197	2.603	2.872
4941	49.40	2.992	3.015	3.017	3.049	3.107	3.130	3.035	2.770	2.347	1.858
4951	49.50	1.436	1.201	1.200	1.379	1.597	1.679	1.486	0.968	0.182	-0.734
4961	49.60	-1.623	-2.362	-2.901	-3.264	-3.514	-3.707	-3.864	-3.963	-3.962	-3.835
4971	49.70	-3.597	-3.307	-3.047	-2.878	-2.812	-2.803	-2.765	-2.611	-2.295	-1.833
4981	49.80	-1.299	-0.798	-0.425	-0.234	-0.225	-0.353	-0.544	-0.724	-0.834	-0.835
4991	49.90	-0.712	-0.470	-0.129	0.274	0.695	1.086	1.412	1.658	1.828	1.946

Table 7-75-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.650 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	2.031	2.088	2.104	2.051	1.908	1.675	1.380	1.074	0.807	0.604
5011	50.10	0.455	0.313	0.126	-0.142	-0.483	-0.844	-1.143	-1.301	-1.274	-1.073
5021	50.20	-0.760	-0.427	-0.169	-0.054	-0.111	-0.317	-0.614	-0.913	-1.116	-1.136
5031	50.30	-0.912	-0.434	0.253	1.046	1.814	2.429	2.804	2.924	2.845	2.670
5041	50.40	2.511	2.443	2.478	2.571	2.643	2.616	2.442	2.115	1.657	1.103
5051	50.50	0.480	-0.193	-0.891	-1.575	-2.177	-2.619	-2.841	-2.830	-2.642	-2.388
5061	50.60	-2.197	-2.166	-2.319	-2.594	-2.871	-3.020	-2.958	-2.683	-2.271	-1.840
5071	50.70	-1.503	-1.318	-1.277	-1.318	-1.361	-1.367	-1.263	-1.138	-1.017	-0.931
5081	50.80	-0.874	-0.801	-0.642	-0.337	0.142	0.776	1.503	2.239	2.900	3.421
5091	50.90	3.768	3.938	3.951	3.842	3.646	3.405	3.138	2.862	2.579	2.285
5101	51.00	1.976	1.659	1.353	1.088	0.895	0.791	0.771	0.801	0.832	0.816
5111	51.10	0.720	0.540	0.295	0.015	-0.278	-0.579	-0.897	-1.245	-1.619	-1.988
5121	51.20	-2.301	-2.506	-2.575	-2.520	-2.395	-2.269	-2.199	-2.191	-2.202	-2.155
5131	51.30	-1.976	-1.643	-1.200	-0.754	-0.427	-0.306	-0.400	-0.632	-0.868	-0.975
5141	51.40	-0.879	-0.595	-0.219	0.121	0.322	0.351	0.258	0.143	0.110	0.217
5151	51.50	0.454	0.762	1.071	1.339	1.576	1.827	2.133	2.493	2.842	3.074
5161	51.60	3.083	2.825	2.343	1.765	1.240	0.897	0.766	0.783	0.820	0.749
5171	51.70	0.512	0.147	-0.230	-0.479	-0.507	-0.308	0.031	0.376	0.619	0.704
5181	51.80	0.669	0.599	0.581	0.646	0.756	0.819	0.742	0.486	0.091	-0.333
5191	51.90	-0.650	-0.761	-0.641	-0.348	0.005	0.300	0.461	0.467	0.351	0.166
5201	52.00	-0.046	-0.271	-0.511	-0.772	-1.042	-1.287	-1.473	-1.587	-1.663	-1.781
5211	52.10	-2.039	-2.513	-3.210	-4.051	-4.882	-5.515	-5.789	-5.621	-5.029	-4.124
5221	52.20	-3.077	-2.066	-1.228	-0.636	-0.294	-0.149	-0.124	-0.141	-0.146	-0.111
5231	52.30	-0.038	0.057	0.159	0.260	0.372	0.523	0.740	1.039	1.412	1.821
5241	52.40	2.211	2.526	2.731	2.826	2.850	2.860	2.908	3.019	3.176	3.327
5251	52.50	3.407	3.364	3.186	2.903	2.574	2.262	2.011	1.824	1.671	1.505
5261	52.60	1.285	0.997	0.659	0.309	-0.015	-0.295	-0.539	-0.773	-1.022	-1.283
5271	52.70	-1.520	-1.664	-1.641	-1.405	-0.967	-0.407	0.145	0.549	0.695	0.549
5281	52.80	0.159	-0.357	-0.853	-1.205	-1.345	-1.276	-1.055	-0.764	-0.472	-0.217
5291	52.90	-0.008	0.158	0.279	0.332	0.286	0.124	-0.138	-0.437	-0.680	-0.784
5301	53.00	-0.712	-0.502	-0.260	-0.116	-0.171	-0.443	-0.854	-1.252	-1.477	-1.427
5311	53.10	-1.106	-0.627	-0.171	0.088	0.047	-0.284	-0.800	-1.344	-1.776	-2.018
5321	53.20	-2.074	-2.004	-1.883	-1.755	-1.615	-1.420	-1.119	-0.697	-0.193	0.307
5331	53.30	0.701	0.906	0.901	0.725	0.466	0.226	0.084	0.072	0.175	0.340
5341	53.40	0.504	0.614	0.642	0.585	0.454	0.274	0.071	-0.128	-0.294	-0.402
5351	53.50	-0.432	-0.378	-0.250	-0.072	0.122	0.303	0.461	0.608	0.773	0.991
5361	53.60	1.283	1.641	2.024	2.367	2.603	2.689	2.619	2.436	2.213	2.033
5371	53.70	1.954	1.991	2.110	2.237	2.288	2.198	1.941	1.543	1.069	0.602
5381	53.80	0.215	-0.048	-0.182	-0.223	-0.229	-0.264	-0.383	-0.614	-0.956	-1.377
5391	53.90	-1.820	-2.221	-2.518	-2.672	-2.676	-2.557	-2.367	-2.166	-2.004	-1.907
5401	54.00	-1.871	-1.872	-1.882	-1.883	-1.877	-1.881	-1.919	-2.001	-2.119	-2.248
5411	54.10	-2.353	-2.405	-2.393	-2.317	-2.183	-1.988	-1.717	-1.367	-0.859	-0.262
5421	54.20	0.403	1.066	1.667	2.082	2.346	2.455	2.455	2.398	2.320	2.226
5431	54.30	2.101	1.928	1.708	1.468	1.258	1.128	1.105	1.183	1.324	1.476
5441	54.40	1.599	1.674	1.706	1.708	1.681	1.605	1.446	1.179	0.811	0.394
5451	54.50	0.019	-0.220	-0.263	-0.114	0.150	0.404	0.525	0.438	0.145	-0.276
5461	54.60	-0.703	-1.018	-1.152	-1.103	-0.932	-0.732	-0.588	-0.566	-0.604	-0.717
5471	54.70	-0.822	-0.866	-0.820	-0.692	-0.516	-0.344	-0.226	-0.196	-0.267	-0.625
5481	54.80	-0.639	-0.863	-1.061	-1.205	-1.290	-1.325	-1.324	-1.291	-1.215	-1.073
5491	54.90	-0.843	-0.524	-0.153	0.199	0.444	0.511	0.381	0.102	-0.217	-0.444

Table 7-75-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.469	-0.246	0.187	0.723	1.231	1.604	1.799	1.849	1.841	1.876
5511	55.10	2.023	2.293	2.636	2.966	3.194	3.260	3.152	2.901	2.561	2.188
5521	55.20	1.822	1.482	1.172	0.886	0.624	0.390	0.191	0.034	-0.078	-0.151
5531	55.30	-0.193	-0.216	-0.233	-0.255	-0.294	-0.360	-0.465	-0.612	-0.801	-1.021
5541	55.40	-1.254	-1.479	-1.672	-1.810	-1.876	-1.854	-1.738	-1.526	-1.228	-0.864
5551	55.50	-0.462	-0.057	0.319	0.640	0.888	1.055	1.138	1.137	1.056	0.899
5561	55.60	0.678	0.412	0.128	-0.147	-0.392	-0.599	-0.771	-0.925	-1.076	-1.233
5571	55.70	-1.394	-1.543	-1.666	-1.756	-1.821	-1.885	-1.983	-2.143	-2.376	-2.665
5581	55.80	-2.971	-3.240	-3.420	-3.481	-3.419	-3.260	-3.048	-2.832	-2.641	-2.481
5591	55.90	-2.323	-2.117	-1.804	-1.343	-0.727	0.005	0.774	1.479	2.026	2.356
5601	56.00	2.463	2.399	2.251	2.115	2.057	2.096	2.195	2.289	2.308	2.216
5611	56.10	2.026	1.791	1.583	1.456	1.421	1.440	1.443	1.365	1.171	0.881
5621	56.20	0.556	0.271	0.081	-0.008	-0.041	-0.088	-0.213	-0.438	-0.735	-1.034
5631	56.30	-1.262	-1.376	-1.380	-1.325	-1.281	-1.295	-1.369	-1.453	-1.466	-1.334
5641	56.40	-1.027	-0.570	-0.040	0.466	0.870	1.137	1.284	1.364	1.440	1.553
5651	56.50	1.714	1.899	2.066	2.172	2.189	2.111	1.951	1.734	1.494	1.263
5661	56.60	1.071	0.935	0.861	0.839	0.845	0.849	0.827	0.766	0.668	0.542
5671	56.70	0.395	0.223	0.007	-0.276	-0.635	-1.056	-1.493	-1.887	-2.181	-2.342
5681	56.80	-2.378	-2.322	-2.220	-2.102	-1.967	-1.790	-1.532	-1.175	-0.731	-0.246
5691	56.90	0.219	0.607	0.886	1.051	1.110	1.066	0.912	0.639	0.254	-0.196
5701	57.00	-0.619	-0.898	-0.932	-0.686	-0.214	0.350	0.841	1.123	1.146	0.959
5711	57.10	0.684	0.453	0.349	0.366	0.424	0.414	0.260	-0.036	-0.389	-0.676
5721	57.20	-0.788	-0.690	-0.436	-0.142	0.065	0.105	-0.022	-0.240	-0.438	-0.522
5731	57.30	-0.451	-0.252	0.004	0.233	0.379	0.428	0.405	0.347	0.291	0.251
5741	57.40	0.222	0.197	0.170	0.154	0.173	0.252	0.405	0.627	0.889	1.141
5751	57.50	1.322	1.372	1.246	0.931	0.457	-0.101	-0.649	-1.051	-1.256	-1.233
5761	57.60	-1.028	-0.739	-0.477	-0.323	-0.298	-0.359	-0.423	-0.413	-0.293	-0.086
5771	57.70	0.139	0.310	0.388	0.388	0.370	0.402	0.522	0.711	0.906	1.030
5781	57.80	1.043	0.971	0.893	0.908	1.074	1.368	1.681	1.857	1.763	1.349
5791	57.90	0.683	-0.075	-0.731	-1.132	-1.229	-1.081	-0.826	-0.614	-0.548	-0.649
5801	58.00	-0.861	-1.092	-1.262	-1.344	-1.362	-1.375	-1.441	-1.583	-1.783	-1.990
5811	58.10	-2.146	-2.209	-2.164	-2.020	-1.796	-1.506	-1.156	-0.752	-0.312	0.125
5821	58.20	0.499	0.743	0.808	0.679	0.393	0.024	-0.333	-0.590	-0.691	-0.626
5831	58.30	-0.426	-0.153	0.123	0.350	0.501	0.582	0.625	0.672	0.757	0.899
5841	58.40	1.087	1.289	1.463	1.567	1.575	1.482	1.308	1.090	0.868	0.682
5851	58.50	0.558	0.508	0.525	0.585	0.647	0.663	0.584	0.375	0.029	-0.426
5861	58.60	-0.925	-1.385	-1.726	-1.893	-1.877	-1.712	-1.460	-1.186	-0.933	-0.707
5871	58.70	-0.489	-0.245	0.038	0.346	0.634	0.847	0.945	0.925	0.826	0.713
5881	58.80	0.646	0.650	0.706	0.756	0.732	0.595	0.353	0.062	-0.194	-0.342
5891	58.90	-0.356	-0.260	-0.121	-0.006	0.051	0.071	0.122	0.281	0.592	1.028
5901	59.00	1.488	1.828	1.914	1.678	1.150	0.450	-0.251	-0.794	-1.086	-1.119
5911	59.10	-0.962	-0.721	-0.491	-0.320	-0.208	-0.120	-0.022	0.097	0.217	0.296
5921	59.20	0.298	0.209	0.044	-0.165	-0.390	-0.617	-0.843	-1.069	-1.278	-1.429
5931	59.30	-1.466	-1.346	-1.067	-0.680	-0.277	0.062	0.216	0.248	0.204	0.174
5941	59.40	0.227	0.369	0.536	0.626	0.554	0.298	-0.079	-0.459	-0.723	-0.810
5951	59.50	-0.751	-0.650	-0.627	-0.753	-1.006	-1.277	-1.424	-1.350	-1.055	-0.647
5961	59.60	-0.290	-0.125	-0.197	-0.427	-0.656	-0.715	-0.521	-0.113	0.364	0.731
5971	59.70	0.871	0.787	0.602	0.501	0.631	1.028	1.588	2.118	2.424	2.399
5981	59.80	2.073	1.592	1.148	0.886	0.849	0.967	1.115	1.177	1.118	0.990
5991	59.90	0.896	0.933	1.127	1.418	1.689	1.832	1.798	1.628	1.429	1.316

Table 7-75-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	1.347	1.491	1.639	1.658	1.456	1.028	0.461	-0.108	-0.552	-0.814
6011	60.10	-0.920	-0.960	-1.030	-1.187	-1.412	-1.634	-1.764	-1.754	-1.621	-1.451
6021	60.20	-1.353	-1.412	-1.665	-1.996	-2.356	-2.616	-2.710	-2.639	-2.459	-2.250
6031	60.30	-2.071	-1.937	-1.820	-1.672	-1.463	-1.201	-0.936	-0.737	-0.655	-0.694
6041	60.40	-0.804	-0.898	-0.890	-0.728	-0.420	-0.021	0.388	0.737	0.995	1.175
6051	60.50	1.319	1.470	1.650	1.846	2.019	2.128	2.146	2.076	1.946	1.789
6061	60.60	1.631	1.473	1.296	1.076	0.800	0.478	0.141	-0.168	-0.416	-0.591
6071	60.70	-0.709	-0.803	-0.911	-1.057	-1.246	-1.457	-1.655	-1.797	-1.844	-1.773
6081	60.80	-1.579	-1.278	-0.912	-0.537	-0.215	0.004	0.094	0.065	-0.041	-0.169
6091	60.90	-0.273	-0.333	-0.365	-0.407	-0.500	-0.655	-0.847	-1.017	-1.101	-1.061
6101	61.00	-0.909	-0.704	-0.528	-0.448	-0.479	-0.575	-0.645	-0.597	-0.380	-0.010
6111	61.10	0.436	0.854	1.154	1.302	1.321	1.276	1.233	1.226	1.241	1.238
6121	61.20	1.178	1.060	0.929	0.864	0.935	1.162	1.498	1.840	2.069	2.104
6131	61.30	1.942	1.661	1.388	1.251	1.317	1.569	1.910	2.206	2.339	2.255
6141	61.40	1.978	1.596	1.224	0.951	0.813	0.781	0.784	0.737	0.583	0.311
6151	61.50	-0.045	-0.415	-0.735	-0.961	-1.093	-1.166	-1.235	-1.349	-1.525	-1.742
6161	61.60	-1.952	-2.098	-2.142	-2.084	-1.963	-1.840	-1.767	-1.761	-1.793	-1.797
6171	61.70	-1.702	-1.470	-1.119	-0.729	-0.410	-0.262	-0.332	-0.588	-0.929	-1.228
6181	61.80	-1.374	-1.320	-1.096	-0.791	-0.519	-0.369	-0.382	-0.539	-0.783	-1.039
6191	61.90	-1.245	-1.358	-1.357	-1.234	-0.988	-0.631	-0.192	0.276	0.709	1.042
6201	62.00	1.244	1.331	1.364	1.427	1.586	1.856	2.186	2.473	2.607	2.518
6211	62.10	2.210	1.765	1.308	0.954	0.766	0.725	0.752	0.745	0.632	0.398
6221	62.20	0.091	-0.204	-0.413	-0.502	-0.488	-0.421	-0.353	-0.307	-0.268	-0.196
6231	62.30	-0.058	0.145	0.371	0.552	0.629	0.582	0.443	0.287	0.189	0.190
6241	62.40	0.271	0.358	0.363	0.223	-0.060	-0.416	-0.732	-0.899	-0.857	-0.622
6251	62.50	-0.272	0.084	0.358	0.507	0.549	0.539	0.537	0.581	0.669	0.775
6261	62.60	0.864	0.914	0.925	0.910	0.876	0.812	0.691	0.484	0.184	-0.178
6271	62.70	-0.536	-0.811	-0.941	-0.911	-0.762	-0.569	-0.411	-0.333	-0.330	-0.354
6281	62.80	-0.345	-0.264	-0.122	0.025	0.100	0.045	-0.150	-0.440	-0.743	-0.978
6291	62.90	-1.095	-1.092	-1.011	-0.905	-0.811	-0.736	-0.657	-0.548	-0.401	-0.243
6301	63.00	-0.120	-0.079	-0.137	-0.265	-0.404	-0.490	-0.490	-0.424	-0.354	-0.355
6311	63.10	-0.473	-0.690	-0.925	-1.067	-1.023	-0.762	-0.337	0.138	0.531	0.750
6321	63.20	0.776	0.660	0.495	0.361	0.291	0.262	0.215	0.099	-0.093	-0.313
6331	63.30	-0.480	-0.520	-0.412	-0.197	0.034	0.186	0.208	0.117	-0.006	-0.066
6341	63.40	0.003	0.196	0.437	0.614	0.632	0.460	0.145	-0.213	-0.511	-0.692
6351	63.50	-0.767	-0.807	-0.887	-1.041	-1.226	-1.334	-1.240	-0.861	-0.211	0.595
6361	63.60	1.374	1.943	2.194	2.129	1.856	1.541	1.339	1.333	1.508	1.772
6371	63.70	1.995	2.075	1.968	1.704	1.364	1.038	0.791	0.642	0.565	0.513
6381	63.80	0.438	0.315	0.143	-0.057	-0.261	-0.455	-0.640	-0.833	-1.050	-1.300
6391	63.90	-1.574	-1.845	-2.075	-2.226	-2.277	-2.230	-2.112	-1.969	-1.849	-1.791
6401	64.00	-1.808	-1.888	-1.999	-2.103	-2.171	-2.191	-2.167	-2.109	-2.022	-1.899
6411	64.10	-1.724	-1.485	-1.188	-0.867	-0.569	-0.346	-0.219	-0.166	-0.126	-0.015
6421	64.20	0.232	0.628	1.121	1.606	1.966	2.117	2.047	1.822	1.560	1.381
6431	64.30	1.364	1.514	1.768	2.029	2.209	2.263	2.202	2.076	1.939	1.824
6441	64.40	1.724	1.610	1.454	1.252	1.036	0.858	0.765	0.768	0.832	0.886
6451	64.50	0.857	0.707	0.452	0.161	-0.075	-0.181	-0.139	0.008	0.173	0.259
6461	64.60	0.206	0.010	-0.278	-0.572	-0.794	-0.897	-0.879	-0.773	-0.623	-0.467
6471	64.70	-0.321	-0.183	-0.049	0.076	0.174	0.222	0.208	0.141	0.053	-0.009
6481	64.80	-0.009	0.063	0.180	0.291	0.338	0.286	0.135	-0.074	-0.278	-0.419
6491	64.90	-0.461	-0.406	-0.285	-0.141	-0.009	0.098	0.190	0.289	0.411	0.555

Table 7-75-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.696	0.796	0.817	0.740	0.568	0.329	0.058	-0.213	-0.468	-0.707
6511	65.10	-0.937	-1.162	-1.366	-1.517	-1.570	-1.491	-1.268	-0.927	-0.525	-0.142
6521	65.20	0.148	0.299	0.305	0.201	0.047	-0.089	-0.161	-0.151	-0.076	0.029
6531	65.30	0.121	0.172	0.172	0.134	0.079	0.033	0.010	0.015	0.038	0.067
6541	65.40	0.092	0.104	0.104	0.094	0.083	0.075	0.075	0.080	0.080	0.060
6551	65.50	-0.002	-0.124	-0.311	-0.553	-0.816	-1.051	-1.206	-1.246	-1.164	-0.987
6561	65.60	-0.770	-0.572	-0.443	-0.399	-0.423	-0.475	-0.508	-0.493	-0.424	-0.324
6571	65.70	-0.228	-0.166	-0.149	-0.164	-0.181	-0.166	-0.098	0.025	0.183	0.350
6581	65.80	0.499	0.621	0.719	0.806	0.895	0.989	1.075	1.130	1.129	1.056
6591	65.90	0.911	0.710	0.482	0.255	0.045	-0.143	-0.321	-0.508	-0.714	-0.937
6601	66.00	-1.158	-1.344	-1.462	-1.493	-1.440	-1.323	-1.176	-1.028	-0.891	-0.757
6611	66.10	-0.606	-0.418	-0.189	0.058	0.287	0.458	0.554	0.593	0.619	0.688
6621	66.20	0.835	1.054	1.295	1.481	1.545	1.465	1.283	1.091	1.000	1.089
6631	66.30	1.370	1.775	2.185	2.471	2.548	2.406	2.106	1.752	1.445	1.237
6641	66.40	1.122	1.045	0.932	0.733	0.441	0.094	-0.251	-0.538	-0.744	-0.879
6651	66.50	-0.975	-1.070	-1.181	-1.305	-1.419	-1.499	-1.532	-1.526	-1.501	-1.482
6661	66.60	-1.485	-1.511	-1.549	-1.584	-1.607	-1.615	-1.613	-1.608	-1.599	-1.574
6671	66.70	-1.517	-1.410	-1.240	-1.010	-0.732	-0.429	-0.127	0.148	0.377	0.551
6681	66.80	0.666	0.731	0.759	0.764	0.758	0.742	0.707	0.638	0.520	0.349
6691	66.90	0.136	-0.092	-0.304	-0.473	-0.587	-0.652	-0.690	-0.719	-0.752	-0.780
6701	67.00	-0.786	-0.750	-0.662	-0.534	-0.389	-0.258	-0.160	-0.094	-0.044	0.013
6711	67.10	0.092	0.186	0.273	0.322	0.315	0.256	0.180	0.131	0.153	0.260
6721	67.20	0.437	0.638	0.814	0.926	0.964	0.948	0.914	0.893	0.902	0.934
6731	67.30	0.969	0.993	1.001	1.013	1.054	1.144	1.281	1.440	1.576	1.645
6741	67.40	1.625	1.528	1.392	1.272	1.211	1.227	1.299	1.382	1.421	1.377
6751	67.50	1.241	1.034	0.799	0.578	0.397	0.256	0.130	-0.015	-0.206	-0.451
6761	67.60	-0.735	-1.029	-1.305	-1.548	-1.759	-1.949	-2.130	-2.296	-2.422	-2.469
6771	67.70	-2.406	-2.225	-1.958	-1.668	-1.431	-1.310	-1.322	-1.439	-1.593	-1.710
6781	67.80	-1.740	-1.677	-1.556	-1.433	-1.350	-1.308	-1.268	-1.163	-0.940	-0.587
6791	67.90	-0.150	0.285	0.621	0.798	0.811	0.710	0.577	0.480	0.449	0.463
6801	68.00	0.472	0.432	0.331	0.204	0.116	0.128	0.266	0.504	0.776	1.001
6811	68.10	1.127	1.142	1.081	0.997	0.930	0.888	0.840	0.742	0.559	0.289
6821	68.20	-0.030	-0.340	-0.587	-0.741	-0.803	-0.795	-0.740	-0.646	-0.506	-0.307
6831	68.30	-0.050	0.237	0.506	0.707	0.816	0.847	0.853	0.898	1.029	1.247
6841	68.40	1.505	1.728	1.850	1.845	1.744	1.617	1.540	1.557	1.657	1.775
6851	68.50	1.827	1.744	1.511	1.175	0.822	0.549	0.417	0.433	0.548	0.677
6861	68.60	0.737	0.676	0.486	0.204	-0.107	-0.385	-0.589	-0.708	-0.762	-0.786
6871	68.70	-0.817	-0.881	-0.982	-1.109	-1.239	-1.353	-1.465	-1.527	-1.626	-1.764
6881	68.80	-1.950	-2.161	-2.346	-2.438	-2.378	-2.142	-1.754	-1.278	-0.807	-0.421
6891	68.90	-0.170	-0.056	-0.037	-0.056	-0.060	-0.025	0.048	0.138	0.226	0.307
6901	69.00	0.393	0.501	0.637	0.789	0.927	1.012	1.022	0.955	0.839	0.711
6911	69.10	0.599	0.510	0.424	0.306	0.130	-0.105	-0.372	-0.627	-0.830	-0.967
6921	69.20	-1.058	-1.143	-1.261	-1.426	-1.611	-1.758	-1.802	-1.700	-1.453	-1.114
6931	69.30	-0.764	-0.485	-0.327	-0.293	-0.341	-0.403	-0.414	-0.333	-0.154	0.097
6941	69.40	0.382	0.663	0.917	1.142	1.347	1.548	1.758	1.978	2.202	2.410
6951	69.50	2.581	2.693	2.729	2.686	2.575	2.420	2.249	2.087	1.942	1.799
6961	69.60	1.627	1.386	1.046	0.603	0.082	-0.463	-0.970	-1.385	-1.680	-1.861
6971	69.70	-1.956	-2.006	-2.043	-2.083	-2.125	-2.158	-2.172	-2.170	-2.163	-2.164
6981	69.80	-2.177	-2.186	-2.156	-2.044	-1.815	-1.461	-1.008	-0.515	-0.052	0.317
6991	69.90	0.558	0.673	0.704	0.704	0.726	0.799	0.917	1.052	1.165	1.226

Table 7-75-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	1.227	1.183	1.126	1.085	1.070	1.072	1.059	0.995	0.856	0.638
7011	70.10	0.363	0.066	-0.221	-0.478	-0.704	-0.912	-1.113	-1.309	-1.484	-1.610
7021	70.20	-1.658	-1.613	-1.478	-1.275	-1.038	-0.793	-0.556	-0.333	-0.123	0.069
7031	70.30	0.228	0.333	0.367	0.332	0.256	0.186	0.179	0.275	0.483	0.777
7041	70.40	1.105	1.405	1.629	1.759	1.801	1.785	1.742	1.699	1.666	1.643
7051	70.50	1.621	1.591	1.540	1.454	1.316	1.105	0.814	0.447	0.035	-0.377
7061	70.60	-0.737	-1.008	-1.178	-1.265	-1.310	-1.356	-1.428	-1.528	-1.631	-1.701
7071	70.70	-1.708	-1.636	-1.489	-1.284	-1.038	-0.767	-0.478	-0.182	0.104	0.356
7081	70.80	0.552	0.683	0.760	0.820	0.902	1.036	1.218	1.410	1.554	1.596
7091	70.90	1.516	1.341	1.135	0.975	0.910	0.944	1.025	1.077	1.026	0.842
7101	71.00	0.551	0.219	-0.075	-0.276	-0.374	-0.406	-0.431	-0.499	-0.629	-0.804
7111	71.10	-0.991	-1.160	-1.311	-1.471	-1.680	-1.964	-2.309	-2.664	-2.952	-3.105
7121	71.20	-3.098	-2.955	-2.745	-2.546	-2.414	-2.357	-2.334	-2.277	-2.127	-1.855
7131	71.30	-1.479	-1.049	-0.620	-0.229	0.116	0.434	0.750	1.070	1.374	1.624
7141	71.40	1.780	1.827	1.788	1.718	1.685	1.736	1.880	2.082	2.278	2.401
7151	71.50	2.418	2.332	2.188	2.043	1.944	1.900	1.886	1.852	1.767	1.544
7161	71.60	1.251	0.906	0.563	0.269	0.050	-0.093	-0.179	-0.231	-0.266	-0.290
7171	71.70	-0.303	-0.302	-0.297	-0.302	-0.338	-0.422	-0.554	-0.721	-0.897	-1.050
7181	71.80	-1.156	-1.204	-1.194	-1.134	-1.033	-0.899	-0.736	-0.550	-0.351	-0.156
7191	71.90	0.014	0.145	0.233	0.287	0.334	0.400	0.503	0.643	0.797	0.929
7201	72.00	1.001	0.986	0.881	0.706	0.495	0.286	0.106	-0.037	-0.147	-0.236
7211	72.10	-0.311	-0.366	-0.383	-0.343	-0.235	-0.070	0.121	0.288	0.383	0.375
7221	72.20	0.263	0.075	-0.138	-0.318	-0.423	-0.433	-0.357	-0.226	-0.081	0.045
7231	72.30	0.134	0.188	0.226	0.275	0.364	0.506	0.700	0.920	1.125	1.265
7241	72.40	1.292	1.182	0.939	0.603	0.240	-0.074	-0.278	-0.342	-0.272	-0.112
7251	72.50	0.083	0.259	0.385	0.455	0.479	0.472	0.438	0.370	0.251	0.074
7261	72.60	-0.155	-0.408	-0.669	-0.849	-0.999	-1.113	-1.223	-1.357	-1.522	-1.697
7271	72.70	-1.842	-1.914	-1.891	-1.787	-1.645	-1.518	-1.447	-1.441	-1.473	-1.497
7281	72.80	-1.470	-1.372	-1.216	-1.038	-0.878	-0.764	-0.698	-0.665	-0.644	-0.627
7291	72.90	-0.617	-0.632	-0.679	-0.751	-0.815	-0.830	-0.760	-0.597	-0.366	-0.113
7301	73.00	0.110	0.274	0.382	0.464	0.561	0.701	0.881	1.069	1.217	1.285
7311	73.10	1.257	1.147	0.995	0.848	0.743	0.698	0.712	0.769	0.852	0.946
7321	73.20	1.037	1.116	1.174	1.207	1.216	1.210	1.202	1.199	1.195	1.167
7331	73.30	1.082	0.913	0.651	0.319	-0.033	-0.352	-0.597	-0.760	-0.869	-0.967
7341	73.40	-1.088	-1.233	-1.364	-1.416	-1.332	-1.086	-0.704	-0.255	0.172	0.511
7351	73.50	0.734	0.866	0.959	1.064	1.207	1.373	1.517	1.590	1.561	1.433
7361	73.60	1.237	1.018	0.811	0.630	0.468	0.314	0.165	0.035	-0.046	-0.053
7371	73.70	0.020	0.146	0.273	0.336	0.289	0.113	-0.169	-0.509	-0.850	-1.149
7381	73.80	-1.385	-1.560	-1.690	-1.789	-1.862	-1.903	-1.899	-1.843	-1.737	-1.594
7391	73.90	-1.432	-1.266	-1.097	-0.913	-0.694	-0.421	-0.093	0.274	0.641	0.958
7401	74.00	1.178	1.273	1.246	1.135	0.996	0.890	0.859	0.910	1.012	1.105
7411	74.10	1.132	1.060	0.902	0.715	0.579	0.566	0.704	0.958	1.243	1.444
7421	74.20	1.468	1.273	0.890	0.402	-0.081	-0.471	-0.731	-0.877	-0.967	-1.056
7431	74.30	-1.171	-1.292	-1.362	-1.316	-1.122	-0.796	-0.410	-0.062	0.162	0.218
7441	74.40	0.122	-0.059	-0.239	-0.344	-0.345	-0.258	-0.132	-0.020	0.046	0.070
7451	74.50	0.084	0.129	0.231	0.383	0.550	0.681	0.736	0.700	0.598	0.476
7461	74.60	0.385	0.354	0.378	0.416	0.415	0.330	0.145	-0.114	-0.392	-0.628
7471	74.70	-0.777	-0.834	-0.834	-0.835	-0.891	-1.031	-1.234	-1.442	-1.576	-1.564
7481	74.80	-1.372	-1.016	-0.553	-0.070	0.355	0.669	0.856	0.936	0.948	0.933
7491	74.90	0.917	0.911	0.912	0.915	0.919	0.930	0.954	0.992	1.029	1.043

Table 7-75-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	1.012	0.921	0.781	0.619	0.475	0.380	0.340	0.331	0.303	0.206
7511	75.10	0.009	-0.278	-0.601	-0.879	-1.035	-1.024	-0.855	-0.590	-0.321	-0.134
7521	75.20	-0.079	-0.149	-0.288	-0.422	-0.491	-0.480	-0.424	-0.394	-0.455	-0.638
7531	75.30	-0.912	-1.197	-1.392	-1.422	-1.268	-0.985	-0.678	-0.463	-0.422	-0.570
7541	75.40	-0.851	-1.163	-1.402	-1.499	-1.444	-1.277	-1.062	-0.855	-0.682	-0.533
7551	75.50	-0.379	-0.197	0.009	0.210	0.364	0.441	0.442	0.402	0.376	0.411
7561	75.60	0.521	0.679	0.826	0.902	0.874	0.758	0.610	0.509	0.515	0.648
7571	75.70	0.874	1.123	1.313	1.390	1.342	1.204	1.038	0.904	0.836	0.833
7581	75.80	0.863	0.885	0.861	0.779	0.642	0.468	0.274	0.069	-0.141	-0.352
7591	75.90	-0.547	-0.698	-0.770	-0.739	-0.605	-0.400	-0.182	-0.013	0.064	0.041
7601	76.00	-0.046	-0.130	-0.143	-0.043	0.167	0.440	0.699	0.870	0.909	0.819
7611	76.10	0.643	0.452	0.313	0.269	0.327	0.462	0.630	0.785	0.895	0.939
7621	76.20	0.911	0.816	0.663	0.468	0.253	0.049	-0.115	-0.214	-0.242	-0.209
7631	76.30	-0.138	-0.058	0.013	0.066	0.106	0.136	0.150	0.129	0.046	-0.120
7641	76.40	-0.369	-0.671	-0.975	-1.222	-1.372	-1.411	-1.360	-1.255	-1.135	-1.020
7651	76.50	-0.911	-0.797	-0.674	-0.550	-0.450	-0.397	-0.400	-0.438	-0.468	-0.443
7661	76.60	-0.342	-0.182	-0.020	0.073	0.068	-0.097	-0.304	-0.482	-0.545	-0.449
7671	76.70	-0.218	0.063	0.290	0.380	0.306	0.107	-0.135	-0.329	-0.418	-0.392
7681	76.80	-0.290	-0.168	-0.080	-0.050	-0.076	-0.135	-0.207	-0.279	-0.353	-0.432
7691	76.90	-0.513	-0.584	-0.625	-0.620	-0.566	-0.476	-0.374	-0.282	-0.216	-0.173
7701	77.00	-0.164	-0.116	-0.079	-0.031	0.025	0.089	0.159	0.237	0.320	0.400
7711	77.10	0.465	0.510	0.539	0.572	0.632	0.737	0.882	1.033	1.141	1.160
7721	77.20	1.070	0.890	0.668	0.466	0.321	0.234	0.168	0.072	-0.086	-0.294
7731	77.30	-0.494	-0.607	-0.572	-0.387	-0.114	0.137	0.255	0.175	-0.092	-0.460
7741	77.40	-0.809	-1.031	-1.074	-0.951	-0.728	-0.481	-0.262	-0.076	0.101	0.303
7751	77.50	0.536	0.772	0.956	1.035	0.990	0.856	0.703	0.613	0.639	0.729
7761	77.60	0.977	1.152	1.234	1.196	1.066	0.909	0.797	0.772	0.825	0.907
7771	77.70	0.953	0.914	0.782	0.595	0.416	0.300	0.272	0.315	0.379	0.412
7781	77.80	0.381	0.293	0.190	0.123	0.123	0.181	0.245	0.237	0.087	-0.230
7791	77.90	-0.685	-1.192	-1.645	-1.951	-2.064	-1.999	-1.820	-1.608	-1.431	-1.318
7801	78.00	-1.258	-1.216	-1.157	-1.068	-0.964	-0.876	-0.828	-0.826	-0.845	-0.846
7811	78.10	-0.798	-0.698	-0.577	-0.489	-0.478	-0.554	-0.680	-0.780	-0.773	-0.610
7821	78.20	-0.303	0.080	0.433	0.665	0.731	0.652	0.502	0.374	0.331	0.384
7831	78.30	0.489	0.577	0.589	0.513	0.385	0.274	0.243	0.316	0.461	0.604
7841	78.40	0.668	0.603	0.422	0.184	-0.023	-0.127	-0.100	0.033	0.210	0.363
7851	78.50	0.450	0.467	0.445	0.423	0.431	0.471	0.522	0.556	0.559	0.534
7861	78.60	0.502	0.486	0.496	0.521	0.540	0.535	0.507	0.479	0.488	0.560
7871	78.70	0.693	0.852	0.976	1.010	0.923	0.727	0.469	0.209	-0.007	-0.162
7881	78.80	-0.276	-0.381	-0.504	-0.650	-0.800	-0.930	-1.029	-1.111	-1.212	-1.363
7891	78.90	-1.568	-1.787	-1.945	-1.963	-1.792	-1.444	-0.994	-0.548	-0.204	-0.007
7901	79.00	0.066	0.086	0.138	0.273	0.483	0.705	0.860	0.892	0.800	0.641
7911	79.10	0.498	0.438	0.477	0.573	0.651	0.648	0.551	0.412	0.327	0.386
7921	79.20	0.622	0.992	1.379	1.648	1.698	1.510	1.151	0.743	0.405	0.200
7931	79.30	0.113	0.064	-0.043	-0.271	-0.612	-0.991	-1.306	-1.474	-1.476	-1.364
7941	79.40	-1.231	-1.168	-1.215	-1.340	-1.458	-1.470	-1.318	-1.015	-0.660	-0.311
7951	79.50	-0.129	-0.135	-0.295	-0.517	-0.693	-0.741	-0.643	-0.437	-0.197	0.004
7961	79.60	0.128	0.183	0.210	0.262	0.366	0.516	0.673	0.783	0.801	0.713
7971	79.70	0.538	0.319	0.106	-0.063	-0.175	-0.237	-0.273	-0.304	-0.343	-0.387
7981	79.80	-0.421	-0.422	-0.372	-0.264	-0.104	0.089	0.290	0.474	0.620	0.720
7991	79.90	0.778	0.803	0.807	0.801	0.789	0.773	0.755	0.742	0.742	0.764

Table 7-75-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	0.810	0.874	0.939	0.986	1.003	0.992	0.971	0.963	0.986	1.041
8011	80.10	1.106	1.145	1.129	1.048	0.923	0.798	0.719	0.710	0.751	0.787
8021	80.20	0.742	0.557	0.218	-0.229	-0.697	-1.083	-1.314	-1.373	-1.304	-1.189
8031	80.30	-1.113	-1.126	-1.226	-1.363	-1.463	-1.469	-1.360	-1.163	-0.939	-0.756
8041	80.40	-0.658	-0.650	-0.700	-0.751	-0.753	-0.679	-0.537	-0.365	-0.214	-0.123
8051	80.50	-0.109	-0.157	-0.230	-0.284	-0.293	-0.254	-0.195	-0.158	-0.182	-0.280
8061	80.60	-0.431	-0.587	-0.688	-0.695	-0.602	-0.450	-0.307	-0.242	-0.293	-0.453
8071	80.70	-0.668	-0.859	-0.956	-0.925	-0.777	-0.563	-0.347	-0.177	-0.068	-0.005
8081	80.80	0.048	0.120	0.218	0.329	0.425	0.486	0.509	0.511	0.516	0.539
8091	80.90	0.578	0.610	0.606	0.551	0.455	0.354	0.293	0.310	0.413	0.577
8101	81.00	0.756	0.904	0.993	1.023	1.019	1.011	1.018	1.033	1.028	0.965
8111	81.10	0.821	0.597	0.320	0.034	-0.217	-0.403	-0.519	-0.576	-0.591	-0.578
8121	81.20	-0.539	-0.467	-0.357	-0.214	-0.059	0.077	0.159	0.166	0.100	-0.014
8131	81.30	-0.133	-0.211	-0.219	-0.155	-0.046	0.057	0.100	0.047	-0.099	-0.299
8141	81.40	-0.476	-0.549	-0.458	-0.190	0.206	0.635	0.981	1.148	1.096	0.855
8151	81.50	0.511	0.179	-0.047	-0.124	-0.079	0.011	0.050	-0.031	-0.244	-0.538
8161	81.60	-0.822	-1.000	-1.014	-0.864	-0.606	-0.322	-0.091	0.050	0.107	0.127
8171	81.70	0.161	0.240	0.357	0.471	0.525	0.478	0.327	0.109	-0.114	-0.274
8181	81.80	-0.330	-0.278	-0.152	-0.002	0.123	0.197	0.222	0.221	0.227	0.262
8191	81.90	0.330	0.419	0.505	0.567	0.588	0.567	0.509	0.427	0.332	0.232
8201	82.00	0.131	0.029	-0.077	-0.190	-0.308	-0.423	-0.519	-0.571	-0.558	-0.466
8211	82.10	-0.304	-0.103	0.090	0.221	0.254	0.180	0.024	-0.168	-0.347	-0.476
8221	82.20	-0.545	-0.570	-0.574	-0.579	-0.588	-0.593	-0.582	-0.555	-0.527	-0.527
8231	82.30	-0.577	-0.673	-0.781	-0.839	-0.788	-0.601	-0.300	0.041	0.328	0.482
8241	82.40	0.473	0.337	0.158	0.032	0.022	0.138	0.331	0.524	0.647	0.668
8251	82.50	0.604	0.508	0.433	0.411	0.438	0.483	0.512	0.507	0.483	0.472
8261	82.60	0.505	0.589	0.698	0.781	0.792	0.707	0.543	0.349	0.183	0.082
8271	82.70	0.049	0.052	0.041	-0.019	-0.130	-0.260	-0.357	-0.378	-0.311	-0.183
8281	82.80	-0.050	0.030	0.022	-0.068	-0.198	-0.310	-0.353	-0.306	-0.184	-0.032
8291	82.90	0.100	0.168	0.154	0.064	-0.081	-0.247	-0.406	-0.535	-0.619	-0.648
8301	83.00	-0.622	-0.547	-0.433	-0.299	-0.161	-0.031	0.087	0.196	0.301	0.401
8311	83.10	0.485	0.537	0.539	0.480	0.367	0.216	0.061	-0.081	-0.195	-0.281
8321	83.20	-0.343	-0.386	-0.402	-0.381	-0.315	-0.211	-0.096	-0.007	0.014	-0.044
8331	83.30	-0.153	-0.255	-0.277	-0.173	0.056	0.353	0.620	0.765	0.738	0.556
8341	83.40	0.301	0.079	-0.025	0.012	0.145	0.280	0.327	0.241	0.050	-0.165
8351	83.50	-0.305	-0.307	-0.173	0.032	0.210	0.284	0.231	0.090	-0.061	-0.151
8361	83.60	-0.157	-0.114	-0.094	-0.166	-0.349	-0.600	-0.825	-0.932	-0.871	-0.669
8371	83.70	-0.419	-0.238	-0.210	-0.352	-0.601	-0.853	-1.006	-1.014	-0.903	-0.750
8381	83.80	-0.646	-0.641	-0.724	-0.826	-0.859	-0.761	-0.526	-0.215	0.081	0.275
8391	83.90	0.330	0.267	0.157	0.082	0.101	0.224	0.414	0.607	0.747	0.807
8401	84.00	0.796	0.752	0.715	0.709	0.730	0.751	0.740	0.675	0.558	0.417
8411	84.10	0.290	0.213	0.201	0.240	0.299	0.332	0.303	0.200	0.037	-0.148
8421	84.20	-0.304	-0.385	-0.365	-0.245	-0.050	0.175	0.385	0.548	0.644	0.675
8431	84.30	0.651	0.587	0.495	0.388	0.277	0.181	0.120	0.113	0.165	0.262
8441	84.40	0.368	0.435	0.422	0.310	0.112	-0.126	-0.340	-0.477	-0.508	-0.444
8451	84.50	-0.328	-0.214	-0.146	-0.141	-0.186	-0.247	-0.291	-0.299	-0.278	-0.255
8461	84.60	-0.260	-0.315	-0.419	-0.547	-0.668	-0.754	-0.792	-0.788	-0.759	-0.723
8471	84.70	-0.682	-0.627	-0.534	-0.386	-0.178	0.070	0.319	0.522	0.639	0.654
8481	84.80	0.580	0.455	0.329	0.249	0.239	0.300	0.406	0.518	0.600	0.630
8491	84.90	0.613	0.573	0.541	0.546	0.595	0.671	0.738	0.751	0.682	0.525

Table 7-75-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1267 S104-GR-1-6 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 34.660 (GAL) T= 16.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.307	0.075	-0.119	-0.242	-0.286	-0.276	-0.254	-0.260	-0.316	-0.410
8511	85.10	-0.511	-0.576	-0.575	-0.502	-0.381	-0.251	-0.151	-0.101	-0.100	-0.125
8521	85.20	-0.151	-0.164	-0.169	-0.186	-0.234	-0.320	-0.425	-0.511	-0.536	-0.475
8531	85.30	-0.335	-0.153	0.012	0.108	0.107	0.023	-0.099	-0.199	-0.229	-0.174
8541	85.40	-0.051	0.095	0.213	0.268	0.252	0.179	0.075	-0.040	-0.159	-0.289
8551	85.50	-0.437	-0.599	-0.751	-0.852	-0.856	-0.740	-0.510	-0.212	0.084	0.310
8561	85.60	0.419	0.411	0.323	0.215	0.144	0.132	0.163	0.185	0.140	-0.009
8571	85.70	-0.251	-0.525	-0.741	-0.810	-0.684	-0.375	0.041	0.455	0.762	0.901
8581	85.80	0.875	0.744	0.597	0.512	0.521	0.601	0.688	0.711	0.630	0.459
8591	85.90	0.261	0.120	0.105	0.235	0.465	0.712	0.883	0.921	0.827	0.661
8601	86.00	0.507	0.439	0.482	0.605	0.736	0.800	0.757	0.625	0.469	0.374
8611	86.10	0.405	0.570	0.820	1.064	1.212	1.211	1.066	0.830	0.585	0.396
8621	86.20	0.292	0.258	0.254	0.238	0.193	0.129	0.075	0.054	0.062	0.065
8631	86.30	0.015	-0.130	-0.378	-0.693	-1.007	-1.252	-1.385	-1.411	-1.377	-1.368
8641	86.40	-1.374	-1.465	-1.586	-1.674	-1.671	-1.551	-1.336	-1.084	-0.869	-0.741
8651	86.50	-0.714	-0.759	-0.825	-0.864	-0.855	-0.807	-0.752	-0.724	-0.734	-0.768
8661	86.60	-0.789	-0.757	-0.645	-0.457	-0.220	0.023	0.233	0.386	0.479	0.521
8671	86.70	0.532	0.528	0.522	0.525	0.547	0.595	0.671	0.766	0.857	0.913
8681	86.80	0.904	0.809	0.631	0.392	0.129	-0.124	-0.347	-0.532	-0.687	-0.816
8691	86.90	-0.915	-0.967	-0.949	-0.843	-0.654	-0.410	-0.158	0.052	0.183	0.227

Table 7-76-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1268 206-GR-1-50 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 33.259 (GAL) T= 16.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.819	-2.756	-3.217	-3.426	-3.685	-4.241	-5.180	-6.391	-7.631	-8.630
11	0.10	-9.197	-9.288	-9.002	-8.524	-8.044	-7.790	-7.548	-7.567	-7.693	-7.839
21	0.20	-7.913	-7.824	-7.488	-6.849	-5.898	-4.697	-3.377	-2.105	-1.037	-0.266
31	0.30	0.215	0.503	0.746	1.087	1.607	2.301	3.083	3.819	4.366	4.606
41	0.40	4.465	3.917	2.985	1.741	0.306	-1.167	-2.507	-3.573	-4.286	-4.664
51	0.50	-4.818	-4.928	-5.179	-5.707	-6.552	-7.642	-8.814	-9.863	-10.592	-10.862
61	0.60	-10.622	-9.913	-8.855	-7.610	-6.340	-5.162	-4.113	-3.138	-2.114	-0.894
71	0.70	0.621	2.425	4.381	6.244	7.730	8.605	8.761	8.249	7.255	6.023
81	0.80	4.775	3.639	2.633	1.699	0.756	-0.230	-1.220	-2.107	-2.760	-3.066
91	0.90	-2.974	-2.498	-1.711	-0.715	0.370	1.424	2.319	2.934	3.171	2.979
101	1.00	2.390	1.516	0.534	-0.366	-1.044	-1.447	-1.625	-1.693	-1.776	-1.947
111	1.10	-2.193	-2.421	-2.494	-2.290	-1.748	-0.886	0.212	1.432	2.669	3.847
121	1.20	4.929	5.891	6.704	7.318	7.658	7.640	7.199	6.312	5.014	3.406
131	1.30	1.638	-0.110	-1.662	-2.882	-3.697	-4.120	-4.237	-4.186	-4.112	-4.124
141	1.40	-4.264	-4.495	-4.731	-4.871	-4.845	-4.641	-4.306	-3.915	-3.530	-3.166
151	1.50	-2.773	-2.269	-1.529	-0.530	0.715	2.099	3.460	4.622	5.442	5.841
161	1.60	5.809	5.403	4.713	3.849	2.915	2.013	1.233	0.655	0.347	0.347
171	1.70	0.662	1.253	2.042	2.912	3.727	4.350	4.664	4.595	4.139	3.374
181	1.80	2.460	1.611	1.045	0.922	1.278	1.991	2.796	3.348	3.325	2.536
191	1.90	0.996	-1.065	-3.254	-5.135	-6.346	-6.695	-6.194	-5.018	-3.425	-1.662
201	2.00	0.102	1.784	3.358	4.806	6.073	7.066	7.689	7.886	7.685	7.193
211	2.10	6.556	5.890	5.225	4.487	3.535	2.229	0.521	-1.503	-3.621	-5.544
221	2.20	-7.001	-7.833	-8.033	-7.733	-7.144	-6.477	-5.876	-5.391	-4.987	-4.588
231	2.30	-4.121	-3.548	-2.876	-2.141	-1.398	-0.701	-0.095	0.384	0.711	0.878
241	2.40	0.904	0.831	0.720	0.627	0.584	0.578	0.561	0.466	0.239	-0.133
251	2.50	-0.613	-1.127	-1.599	-1.970	-2.223	-2.374	-2.451	-2.473	-2.430	-2.296
261	2.60	-2.034	-1.615	-1.021	-0.236	0.772	2.051	3.647	5.560	7.699	9.851
271	2.70	11.700	12.899	13.166	12.385	10.656	8.283	5.688	3.287	1.381	0.087
281	2.80	-0.657	-1.031	-1.247	-1.474	-1.811	-2.292	-2.914	-3.670	-4.569	-5.510
291	2.90	-6.460	-7.238	-7.654	-7.542	-6.841	-5.636	-4.158	-2.713	-1.585	-0.939
301	3.00	-0.771	-0.928	-1.186	-1.357	-1.368	-1.287	-1.274	-1.487	-1.987	-2.674
311	3.10	-3.304	-3.568	-3.204	-2.103	-0.360	1.737	3.795	5.418	6.314	6.351
321	3.20	5.563	4.116	2.248	0.214	-1.751	-3.442	-4.694	-5.379	-5.428	-4.846
331	3.30	-3.730	-2.268	-0.712	0.672	1.661	2.128	2.063	1.567	0.812	-0.006
341	3.40	-0.718	-1.222	-1.489	-1.565	-1.542	-1.532	-1.632	-1.899	-2.323	-2.818
351	3.50	-3.238	-3.399	-3.129	-2.315	-0.949	0.860	2.901	4.906	6.610	7.818
361	3.60	8.435	8.479	8.057	7.329	6.462	5.599	4.841	4.262	3.814	3.526
371	3.70	3.307	3.044	2.598	1.820	0.588	-1.151	-3.350	-5.848	-8.381	-10.623
381	3.80	-12.250	-13.003	-12.750	-11.511	-9.459	-6.876	-4.092	-1.412	0.946	2.880
391	3.90	4.407	5.621	6.648	7.590	8.490	9.334	10.058	10.581	10.832	10.759
401	4.00	10.340	9.577	8.510	7.228	5.877	4.663	3.812	3.505	3.802	4.577
411	4.10	5.512	6.163	6.081	4.964	2.779	-0.205	-3.481	-6.459	-8.655	-9.837
421	4.20	-10.096	-9.788	-9.404	-9.393	-10.030	-11.346	-13.162	-15.182	-17.100	-18.685
431	4.30	-19.811	-20.430	-20.522	-20.055	-18.969	-17.202	-14.738	-11.645	-8.094	-4.334
441	4.40	-0.642	2.733	5.625	7.970	9.793	11.184	12.248	13.077	13.732	14.241
451	4.50	14.622	14.900	15.126	15.368	15.688	16.101	16.536	16.817	16.684	15.860
461	4.60	14.137	11.478	8.064	4.279	0.627	-2.413	-4.528	-5.665	-6.033	-6.023
471	4.70	-6.059	-6.455	-7.316	-8.534	-9.861	-11.032	-11.872	-12.351	-12.575	-12.707
481	4.80	-12.890	-13.176	-13.513	-13.773	-13.799	-13.447	-12.604	-11.191	-9.156	-6.482
491	4.90	-3.216	0.502	4.429	8.247	11.628	14.316	16.193	17.292	17.749	17.728

Table 7-76-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1268 206-GR-1-50 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 33.259 (GAL) T= 16.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	17.342	16.622	15.544	14.095	12.347	10.476	8.715	7.259	6.160	5.279
511	5.10	4.321	2.960	0.986	-1.572	-4.435	-7.156	-9.294	-10.575	-10.998	-10.823
521	5.20	-10.457	-10.297	-10.590	-11.368	-12.471	-13.634	-14.583	-15.098	-15.027	-14.269
531	5.30	-12.750	-10.439	-7.388	-3.783	0.044	3.659	6.661	8.708	9.821	10.190
541	5.40	10.186	10.180	10.386	10.767	11.059	10.899	10.004	8.318	6.068	3.696
551	5.50	1.698	0.447	0.067	0.406	1.126	1.851	2.312	2.430	2.302	2.113
561	5.60	2.019	2.062	2.147	2.100	1.756	1.050	0.053	-1.060	-2.074	-2.826
571	5.70	-3.255	-3.396	-3.342	-3.173	-2.914	-2.537	-1.999	-1.300	-0.524	0.179
581	5.80	0.648	0.803	0.708	0.583	0.744	1.491	2.986	5.172	7.770	10.362
591	5.90	12.508	13.875	14.311	13.852	12.660	10.943	8.877	6.572	4.084	1.453
601	6.00	-1.254	-3.928	-6.434	-8.644	-10.470	-11.882	-12.892	-13.530	-13.815	-13.748
611	6.10	-13.319	-12.540	-11.471	-10.223	-8.940	-7.752	-6.726	-5.833	-4.949	-3.887
621	6.20	-2.470	-0.591	1.734	4.349	6.988	9.336	11.096	12.063	12.155	11.417
631	6.30	9.994	8.082	5.887	3.596	1.366	-0.674	-2.414	-3.770	-4.702	-5.226
641	6.40	-5.422	-5.420	-5.357	-5.327	-5.345	-5.333	-5.161	-4.698	-3.884	-2.760
651	6.50	-1.466	-0.192	0.891	1.677	2.145	2.332	2.285	2.021	1.513	0.714
661	6.60	-0.396	-1.774	-3.309	-4.852	-6.276	-7.519	-8.600	-9.580	-10.504	-11.342
671	6.70	-11.965	-12.172	-11.760	-10.596	-8.663	-6.061	-2.964	0.439	3.979	7.524
681	6.80	10.942	14.075	16.724	18.672	19.748	19.883	19.153	17.764	15.991	14.101
691	6.90	12.279	10.600	9.049	7.569	6.115	4.688	3.327	2.084	0.993	0.056
701	7.00	-0.744	-1.414	-1.923	-2.195	-2.130	-1.656	-0.775	0.398	1.641	2.662
711	7.10	3.169	2.943	1.901	0.113	-2.213	-4.792	-7.342	-9.653	-11.634	-13.308
721	7.20	-14.766	-16.093	-17.306	-18.320	-18.975	-19.105	-18.618	-17.548	-16.056	-14.357
731	7.30	-12.626	-10.908	-9.096	-6.972	-4.326	-1.060	2.717	6.718	10.555	13.867
741	7.40	16.429	18.191	19.249	19.762	19.860	19.608	19.021	18.120	16.989	15.783
751	7.50	14.680	13.799	13.124	12.480	11.590	10.185	8.153	5.441	2.393	-0.672
761	7.60	-3.413	-5.596	-7.155	-8.175	-8.830	-9.321	-9.810	-10.405	-11.157	-12.068
771	7.70	-13.099	-14.171	-15.176	-15.994	-16.529	-16.736	-16.633	-16.272	-15.694	-14.873
781	7.80	-13.696	-11.994	-9.612	-6.496	-2.749	1.369	5.514	9.354	12.658	15.339
791	7.90	17.425	18.994	20.103	20.754	20.915	20.569	19.767	18.630	17.309	15.901
801	8.00	14.389	12.629	10.414	7.578	4.113	0.218	-3.741	-7.334	-10.212	-12.214
811	8.10	-13.396	-13.982	-14.253	-14.442	-14.673	-14.963	-15.274	-15.561	-15.807	-16.009
821	8.20	-16.131	-16.078	-15.698	-14.838	-13.620	-11.505	-9.299	-7.092	-5.145	-3.584
831	8.30	-2.336	-1.158	0.266	2.198	4.733	7.763	11.026	14.201	17.024	19.348
841	8.40	21.134	22.389	23.076	23.064	22.140	20.096	16.842	12.512	7.487	2.335
851	8.50	-2.325	-5.991	-8.396	-9.564	-9.754	-9.353	-8.732	-8.152	-7.721	-7.424
861	8.60	-7.193	-6.973	-6.752	-6.551	-6.377	-6.191	-5.891	-5.348	-4.474	-3.280
871	8.70	-1.911	-0.616	0.337	0.757	0.627	0.134	-0.364	-0.434	0.312	2.100
881	8.80	4.929	8.567	12.602	16.528	19.847	22.152	23.184	22.861	21.275	18.661
891	8.90	15.352	11.726	8.145	4.905	2.199	0.103	-1.413	-2.467	-3.224	-3.865
901	9.00	-4.552	-5.406	-6.491	-7.801	-9.266	-10.760	-12.130	-13.236	-13.991	-14.389
911	9.10	-14.510	-14.498	-14.510	-14.655	-14.947	-15.291	-15.498	-15.339	-14.608	-13.173
921	9.20	-11.009	-8.195	-4.886	-1.286	2.378	5.874	8.964	11.421	13.048	13.720
931	9.30	13.421	12.272	10.510	8.440	6.350	4.436	2.763	1.274	-0.137	-1.539
941	9.40	-2.898	-4.062	-4.822	-5.012	-4.610	-3.791	-2.892	-2.294	-2.283	-2.924
951	9.50	-4.035	-5.256	-6.191	-6.577	-6.385	-5.823	-5.239	-4.959	-5.147	-5.736
961	9.60	-6.462	-6.985	-7.026	-6.470	-5.382	-3.947	-2.359	-0.724	0.975	2.844
971	9.70	4.999	7.473	10.173	12.888	15.349	17.312	18.615	19.201	19.105	18.417
981	9.80	17.256	15.750	14.041	12.274	10.580	9.039	7.652	6.325	4.907	3.251
991	9.90	1.290	-0.911	-3.166	-5.224	-6.859	-7.961	-8.565	-8.826	-8.942	-9.066

Table 7-76-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1268 206-GR-1-50 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 33.259 (GAL) T= 16.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-9.243	-9.416	-9.469	-9.307	-8.912	-8.348	-7.723	-7.123	-6.554	-5.933
1011	10.10	-5.126	-4.031	-2.650	-1.124	0.292	1.312	1.721	1.459	0.654	-0.611
1021	10.20	-1.380	-1.938	-1.891	-1.227	-0.099	1.213	2.389	3.141	3.283	2.764
1031	10.30	1.675	0.224	-1.301	-2.588	-3.352	-3.387	-2.599	-1.024	1.181	3.759
1041	10.40	6.401	8.800	10.699	11.930	12.429	12.223	11.399	10.069	8.334	6.273
1051	10.50	3.950	1.432	-1.188	-3.782	-6.195	-8.272	-9.881	-10.933	-11.379	-11.191
1061	10.60	-10.346	-8.826	-6.632	-3.826	-0.562	2.897	6.209	9.015	11.017	12.048
1071	10.70	12.096	11.283	9.804	7.857	5.593	3.107	0.473	-2.214	-4.793	-7.039
1081	10.80	-8.701	-9.558	-9.490	-8.509	-6.757	-4.468	-1.917	0.637	2.977	4.937
1091	10.90	6.394	7.255	7.445	6.920	5.672	3.749	1.265	-1.598	-4.599	-7.463
1101	11.00	-9.913	-11.708	-12.683	-12.777	-12.035	-10.593	-8.636	-6.355	-3.910	-1.419
1111	11.10	1.030	3.349	5.427	7.128	8.316	8.894	8.849	8.265	7.304	6.164
1121	11.20	5.012	3.954	3.020	2.192	1.444	0.780	0.242	-0.112	-0.237	-0.144
1131	11.30	0.096	0.361	0.517	0.451	0.093	-0.565	-1.572	-2.836	-4.325	-5.962
1141	11.40	-7.635	-9.207	-10.533	-11.499	-12.044	-12.177	-11.950	-11.419	-10.600	-9.449
1151	11.50	-7.872	-5.782	-3.152	-0.075	3.231	6.448	9.221	11.240	12.301	12.344
1161	11.60	11.464	9.889	7.936	5.953	4.249	3.019	2.288	1.885	1.479	0.667
1171	11.70	-0.893	-3.350	-6.577	-10.166	-13.522	-16.010	-17.131	-16.636	-14.570	-11.229
1181	11.80	-7.055	-2.521	1.953	6.043	9.521	12.242	14.132	15.192	15.503	15.219
1191	11.90	14.535	13.630	12.613	11.503	10.248	8.788	7.127	5.378	3.748	2.474
1201	12.00	1.731	1.561	1.853	2.400	2.986	3.482	3.891	4.314	4.870	5.597
1211	12.10	6.382	6.971	7.041	6.317	4.674	2.184	-0.898	-4.220	-7.434	-10.280
1221	12.20	-12.626	-14.462	-15.860	-16.919	-17.717	-18.284	-18.585	-18.526	-17.964	-16.750
1231	12.30	-14.773	-12.022	-8.624	-4.850	-1.066	2.363	5.181	7.317	8.905	10.210
1241	12.40	11.507	12.948	14.482	15.864	16.751	16.851	16.048	14.459	12.405	10.287
1251	12.50	8.454	7.094	6.198	5.603	5.085	4.448	3.578	2.455	1.119	-0.372
1261	12.60	-1.956	-3.573	-5.142	-6.555	-7.692	-8.463	-8.846	-8.915	-8.819	-8.737
1271	12.70	-8.804	-9.065	-9.464	-9.873	-10.156	-10.219	-10.035	-9.637	-9.072	-8.371
1281	12.80	-7.528	-6.513	-5.307	-3.928	-2.442	-0.945	0.479	1.784	2.973	4.078
1291	12.90	5.114	6.041	6.753	7.091	6.896	6.063	4.584	2.563	0.198	-2.253
1301	13.00	-4.518	-6.350	-7.561	-8.043	-7.776	-6.829	-5.343	-3.498	-1.475	0.586
1311	13.10	2.600	4.533	6.368	8.069	9.552	10.686	11.325	11.362	10.764	9.595
1321	13.20	7.996	6.143	4.204	2.308	0.540	-1.041	-2.393	-3.495	-4.364	-5.081
1331	13.30	-5.794	-6.683	-7.901	-9.491	-11.338	-13.170	-14.623	-15.350	-15.130	-13.927
1341	13.40	-11.890	-9.288	-6.408	-3.475	-0.617	2.119	4.717	7.138	9.301	11.103
1351	13.50	12.468	13.386	13.929	14.220	14.368	14.408	14.277	13.835	12.929	11.478
1361	13.60	9.534	7.294	5.053	3.123	1.730	0.950	0.689	0.715	0.736	0.487
1371	13.70	-0.201	-1.368	-2.929	-4.719	-6.539	-8.200	-9.541	-10.438	-10.792	-10.531
1381	13.80	-9.618	-8.083	-6.038	-3.691	-1.314	0.813	2.468	3.548	4.085	4.219
1391	13.90	4.126	3.949	3.747	3.499	3.144	2.654	2.082	1.570	1.305	1.448
1401	14.00	2.066	3.106	4.417	5.814	7.147	8.542	9.389	10.308	11.095	11.699
1411	14.10	12.037	12.035	11.668	10.979	10.042	8.915	7.584	5.962	3.936	1.442
1421	14.20	-1.457	-4.558	-7.567	-10.210	-12.340	-13.993	-15.349	-16.620	-17.912	-19.129
1431	14.30	-19.977	-20.076	-19.127	-17.058	-14.085	-10.651	-7.272	-4.359	-2.101	-0.448
1441	14.40	0.793	1.815	2.692	3.340	3.583	3.278	2.431	1.250	0.093	-0.669
1451	14.50	-0.796	-0.277	0.676	1.723	2.547	2.983	3.065	2.974	2.922	3.024
1461	14.60	3.222	3.311	3.036	2.219	0.878	-0.773	-2.393	-3.646	-4.335	-4.474
1471	14.70	-4.268	-4.008	-3.942	-4.167	-4.602	-5.037	-5.236	-5.039	-4.424	-3.493
1481	14.80	-2.404	-1.299	-0.247	0.755	1.741	2.717	3.632	4.386	4.882	5.077
1491	14.90	5.022	4.839	4.671	4.610	4.658	4.735	4.727	4.555	4.223	3.813

Table 7-76-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1268 206-GR-1-50 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 33.259 (GAL) T= 16.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	3.444	3.204	3.112	3.115	3.138	3.142	3.162	3.288	3.606	4.117
1511	15.10	4.693	5.091	5.039	4.345	2.981	1.109	-0.988	-3.011	-4.769	-6.179
1521	15.20	-7.343	-8.372	-9.338	-10.217	-10.899	-11.261	-11.246	-10.914	-10.415	-9.917
1531	15.30	-9.505	-9.117	-8.553	-7.545	-5.878	-3.490	-0.513	2.761	5.974	8.815
1541	15.40	11.105	12.831	14.113	15.139	16.081	17.039	18.012	18.902	19.550	19.782
1551	15.50	19.454	18.490	16.899	14.774	12.266	9.540	6.737	5.945	1.201	-1.487
1561	15.60	-4.107	-6.615	-8.933	-10.972	-12.668	-14.012	-15.051	-15.866	-16.527	-17.059
1571	15.70	-17.430	-17.572	-17.426	-16.974	-16.254	-15.341	-14.305	-13.184	-11.972	-10.651
1581	15.80	-9.227	-7.767	-6.394	-5.243	-4.398	-3.832	-3.396	-2.858	-1.979	-0.595
1591	15.90	1.331	3.708	6.364	9.109	11.779	14.261	16.475	18.353	19.823	20.823
1601	16.00	21.327	21.370	21.040	20.439	19.628	18.579	17.174	15.246	12.666	9.413
1611	16.10	5.616	1.522	-2.585	-6.481	-10.068	-13.389	-16.561	-19.688	-22.767	-25.651
1621	16.20	-28.070	-29.717	-30.341	-29.832	-28.254	-25.821	-22.835	-19.613	-16.414	-13.409
1631	16.30	-10.665	-8.160	-5.801	-3.454	-0.970	1.791	4.930	8.482	12.404	16.567
1641	16.40	20.762	24.727	28.182	30.869	32.593	33.259	32.886	31.607	29.639	27.238
1651	16.50	24.639	22.006	19.403	16.788	14.051	11.055	7.694	3.922	-0.225	-4.640
1661	16.60	-9.169	-13.632	-17.846	-21.638	-24.852	-27.365	-29.091	-30.001	-30.127	-29.557
1671	16.70	-28.412	-26.821	-24.882	-22.645	-20.103	-17.210	-13.910	-10.178	-6.042	-1.608
1681	16.80	2.952	7.423	11.582	15.233	18.242	20.541	22.126	23.033	23.322	23.058
1691	16.90	22.310	21.158	19.704	18.068	16.373	14.708	13.105	11.522	9.856	7.996
1701	17.00	5.875	3.517	1.051	-1.328	-3.422	-5.099	-6.347	-7.268	-8.035	-8.820
1711	17.10	-9.733	-10.780	-11.881	-12.902	-13.709	-14.195	-14.291	-13.949	-13.130	-11.798
1721	17.20	-9.944	-7.613	-4.928	-2.079	0.711	3.242	5.384	7.092	8.383	9.284
1731	17.30	9.783	9.807	9.240	7.980	6.008	3.430	0.477	-2.542	-5.312	-7.586
1741	17.40	-9.229	-10.218	-10.618	-10.533	-10.069	-9.314	-8.335	-7.182	-5.893	-4.492
1751	17.50	-2.982	-1.346	0.438	2.375	4.426	6.488	8.405	9.987	11.062	11.519
1761	17.60	11.335	10.590	9.440	8.089	6.741	5.564	4.662	4.067	3.746	3.621
1771	17.70	3.598	3.598	3.575	3.518	3.445	3.371	3.285	3.137	2.835	2.281
1781	17.80	1.399	0.172	-1.347	-3.045	-4.781	-6.423	-7.880	-9.104	-10.084	-10.824
1791	17.90	-11.322	-11.570	-11.562	-11.315	-10.875	-10.312	-9.702	-9.100	-8.517	-7.930
1801	18.00	-7.294	-6.582	-5.802	-5.006	-4.275	-3.682	-3.266	-3.011	-2.857	-2.722
1811	18.10	-2.532	-2.241	-1.835	-1.518	-0.696	0.025	0.836	1.712	2.593	3.596
1821	18.20	4.035	4.456	4.676	4.782	4.912	5.206	5.744	6.517	7.420	8.291
1831	18.30	8.970	9.346	9.386	9.117	8.592	7.844	6.870	5.641	4.141	2.409
1841	18.40	0.553	-1.263	-2.875	-4.171	-5.132	-5.825	-6.356	-6.806	-7.180	-7.397
1851	18.50	-7.327	-6.857	-5.953	-4.687	-3.214	-1.706	-0.286	1.009	2.220	3.408
1861	18.60	4.590	5.690	6.554	7.008	6.941	6.373	5.463	4.462	3.621	3.097
1871	18.70	2.913	2.974	3.140	3.312	3.488	3.756	4.233	4.995	5.912	6.839
1881	18.80	7.473	7.557	6.958	5.713	4.016	2.137	0.325	-1.268	-2.609	-3.750
1891	18.90	-4.767	-5.694	-6.500	-7.108	-7.437	-7.457	-7.200	-6.749	-6.195	-5.592
1901	19.00	-4.942	-4.207	-3.344	-2.345	-1.252	-0.139	0.922	1.901	2.822	3.737
1911	19.10	4.677	5.596	6.356	6.752	6.582	5.736	4.262	2.371	0.391	-1.333
1921	19.20	-2.540	-3.127	-3.156	-2.809	-2.304	-1.812	-1.410	-1.073	-0.720	-0.262
1931	19.30	0.351	1.114	1.980	2.887	3.787	4.647	5.443	6.134	6.642	6.857
1941	19.40	6.663	5.979	4.795	3.394	1.341	-0.560	-2.319	-3.805	-4.979	-5.889
1951	19.50	-6.634	-7.324	-8.032	-8.768	-9.482	-10.085	-10.490	-10.639	-10.530	-10.211
1961	19.60	-9.758	-9.246	-8.725	-8.210	-7.689	-7.144	-6.573	-5.994	-5.438	-4.922
1971	19.70	-4.416	-3.839	-3.061	-1.949	-0.417	1.527	3.760	6.067	8.191	9.906
1981	19.80	11.071	11.666	11.780	11.568	11.195	10.791	10.422	10.099	9.794	9.477
1991	19.90	9.125	8.737	8.314	7.851	7.321	6.671	5.834	4.742	3.345	1.627

Table 7-76-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1268 206-GR-1-50 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 33.259 (GAL) T= 16.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.379	-2.590	-4.876	-7.070	-8.998	-10.499	-11.464	-11.845	-11.666	-11.004
2011	20.10	-9.966	-8.655	-7.152	-5.515	-3.784	-2.003	-0.235	1.444	2.953	4.234
2021	20.20	5.269	6.087	6.751	7.330	7.878	8.406	8.881	9.232	9.367	9.191
2031	20.30	8.621	7.605	6.132	4.247	2.058	-0.265	-2.518	-4.500	-6.068	-7.182
2041	20.40	-7.919	-8.455	-9.004	-9.745	-10.752	-11.967	-13.209	-14.236	-14.818	-14.803
2051	20.50	-14.151	-12.923	-11.244	-9.248	-7.040	-4.690	-2.240	0.260	2.737	5.089
2061	20.60	7.212	9.030	10.524	11.738	12.753	13.642	14.428	15.053	15.391	15.286
2071	20.70	14.615	13.346	11.561	9.447	7.248	5.193	3.439	2.039	0.969	0.063
2081	20.80	-0.738	-1.549	-2.425	-3.389	-4.455	-5.647	-6.991	-8.505	-10.158	-11.859
2091	20.90	-13.454	-14.764	-15.628	-15.957	-15.755	-15.105	-14.130	-12.939	-11.588	-10.066
2101	21.00	-8.328	-6.357	-4.109	-1.732	0.662	2.842	4.724	6.210	7.301	8.061
2111	21.10	8.587	8.973	9.288	9.570	9.823	10.024	10.132	10.088	9.824	9.288
2121	21.20	8.460	7.382	6.157	4.936	3.873	3.072	2.543	2.192	1.847	1.311
2131	21.30	0.432	-0.869	-2.484	-4.342	-6.258	-8.085	-9.729	-11.153	-12.356	-13.359
2141	21.40	-14.079	-14.521	-14.588	-14.211	-13.355	-12.032	-10.306	-8.278	-6.067	-3.789
2151	21.50	-1.543	0.600	2.598	4.437	6.127	7.686	9.137	10.487	11.728	12.836
2161	21.60	13.776	14.514	15.021	15.277	15.270	14.989	14.430	13.599	12.519	11.241
2171	21.70	9.829	8.352	6.856	5.348	3.799	2.157	0.384	-1.517	-3.483	-5.405
2181	21.80	-7.160	-8.644	-9.804	-10.633	-11.150	-11.364	-11.250	-10.755	-9.824	-8.447
2191	21.90	-6.695	-4.713	-2.693	-0.806	0.851	2.281	3.571	4.829	6.117	7.404
2201	22.00	8.565	9.431	9.857	9.793	9.312	8.585	7.820	7.185	6.755	6.491
2211	22.10	6.274	5.955	5.407	4.566	3.429	2.044	0.482	-1.178	-2.859	-4.481
2221	22.20	-5.965	-7.240	-8.264	-9.041	-9.636	-10.154	-10.713	-11.398	-12.224	-13.116
2231	22.30	-13.925	-14.460	-14.539	-14.037	-12.915	-11.224	-9.089	-6.671	-4.132	-1.598
2241	22.40	0.860	3.226	5.519	7.764	9.957	12.041	13.906	15.405	16.397	16.785
2251	22.50	16.552	15.768	14.569	13.119	11.565	9.996	8.439	6.865	5.218	3.450
2261	22.60	1.540	-0.496	-2.603	-4.702	-6.693	-8.663	-9.893	-10.876	-11.340	-11.269
2271	22.70	-10.722	-9.831	-8.773	-7.725	-6.816	-6.091	-5.501	-4.931	-4.246	-3.339
2281	22.80	-2.173	-0.790	0.703	2.166	3.464	4.487	5.170	5.481	5.417	4.985
2291	22.90	4.202	3.095	1.699	0.070	-1.717	-3.565	-5.360	-6.978	-8.295	-9.207
2301	23.00	-9.640	-9.573	-9.040	-8.135	-6.970	-5.700	-4.450	-3.319	-2.365	-1.610
2311	23.10	-1.049	-0.662	-0.428	-0.327	-0.343	-0.460	-0.651	-0.880	-1.095	-1.237
2321	23.20	-1.247	-1.082	-0.732	-0.230	0.351	0.922	1.400	1.753	2.013	2.273
2331	23.30	2.654	3.256	4.105	5.150	6.182	7.081	7.684	7.937	7.888	7.650
2341	23.40	7.337	6.999	6.586	5.971	5.018	3.658	1.953	0.104	-1.611	-2.919
2351	23.50	-3.647	-3.772	-3.407	-2.742	-1.963	-1.188	-0.456	0.245	0.922	1.532
2361	23.60	1.969	2.103	1.837	1.166	0.189	-0.911	-1.936	-2.739	-3.277	-3.603
2371	23.70	-3.836	-4.092	-4.431	-4.836	-5.224	-5.490	-5.549	-5.377	-5.008	-4.518
2381	23.80	-3.994	-3.503	-3.075	-2.696	-2.316	-1.862	-1.254	-0.417	0.696	2.094
2391	23.90	3.727	5.498	7.273	8.922	10.348	11.521	12.473	13.276	14.003	14.676
2401	24.00	15.250	15.610	15.613	15.131	14.103	12.554	10.589	8.359	6.016	3.687
2411	24.10	1.450	-0.647	-2.577	-4.302	-5.774	-6.933	-7.733	-8.160	-8.243	-8.040
2421	24.20	-7.643	-7.160	-6.597	-6.059	-5.550	-5.079	-4.658	-4.305	-4.039	-3.875
2431	24.30	-3.815	-3.841	-3.922	-4.021	-4.107	-4.162	-4.186	-4.185	-4.165	-4.120
2441	24.40	-4.028	-3.860	-3.584	-3.192	-2.708	-2.192	-1.735	-1.433	-1.358	-1.530
2451	24.50	-1.902	-2.359	-2.749	-2.920	-2.771	-2.285	-1.542	-0.702	0.049	0.554
2461	24.60	0.744	0.665	0.469	0.360	0.529	1.075	1.975	3.078	4.157	4.985
2471	24.70	5.409	5.403	5.070	4.600	4.202	4.031	4.136	4.453	4.835	5.107
2481	24.80	5.125	4.816	4.193	3.334	2.346	1.333	0.361	-0.548	-1.410	-2.265
2491	24.90	-3.156	-4.109	-5.129	-6.189	-7.234	-8.182	-8.937	-9.398	-9.478	-9.120

Table 7-76-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1268 206-GR-1-50 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 33.259 (GAL) T= 16.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-8.310	-7.085	-5.533	-3.775	-1.948	-0.179	1.435	2.839	4.024	5.017
2511	25.10	5.859	6.582	7.195	7.668	7.943	7.950	7.629	6.951	5.931	4.627
2521	25.20	3.125	1.520	-0.097	-1.648	-3.071	-4.308	-5.312	-6.048	-6.505	-6.704
2531	25.30	-6.702	-6.578	-6.405	-6.229	-6.045	-5.803	-5.437	-4.895	-4.177	-3.347
2541	25.40	-2.515	-1.802	-1.293	-1.003	-0.879	-0.817	-0.717	-0.521	-0.236	0.068
2551	25.50	0.297	0.373	0.266	0.011	-0.313	-0.610	-0.803	-0.852	-0.757	-0.546
2561	25.60	-0.262	0.057	0.375	0.662	0.892	1.047	1.131	1.180	1.259	1.455
2571	25.70	1.840	2.453	3.273	4.226	5.211	6.133	6.939	7.622	8.213	8.744
2581	25.80	9.214	9.579	9.761	9.682	9.311	8.679	7.880	7.030	6.215	5.457
2591	25.90	4.708	3.882	2.915	1.814	0.676	-0.333	-1.047	-1.365	-1.297	-0.962
2601	26.00	-0.529	-0.143	0.137	0.362	0.643	1.078	1.663	2.260	2.621	2.481
2611	26.10	1.668	0.193	-1.724	-3.717	-5.388	-6.440	-6.769	-6.479	-5.825	-5.109
2621	26.20	-4.565	-4.297	-4.266	-4.345	-4.388	-4.305	-4.087	-3.797	-3.528	-3.357
2631	26.30	-3.309	-3.362	-3.456	-3.537	-3.572	-3.568	-3.559	-3.588	-3.686	-3.854
2641	26.40	-4.060	-4.241	-4.314	-4.194	-3.802	-3.087	-2.032	-0.659	0.970	2.763
2651	26.50	4.607	6.388	8.000	9.357	10.398	11.093	11.445	11.490	11.283	10.892
2661	26.60	10.370	9.742	8.991	8.067	6.906	5.465	3.742	1.794	-0.281	-2.371
2671	26.70	-4.380	-6.252	-7.971	-9.538	-10.944	-12.153	-13.098	-13.718	-13.989	-13.958
2681	26.80	-13.744	-13.501	-13.363	-13.385	-13.507	-13.565	-13.344	-12.650	-11.384	-9.575
2691	26.90	-7.373	-4.997	-2.672	-0.561	1.258	2.794	4.102	5.241	6.241	7.087
2701	27.00	7.734	8.137	8.280	8.198	7.971	7.707	7.503	7.414	7.427	7.463
2711	27.10	7.392	7.078	6.416	5.371	3.992	2.399	0.755	-0.778	-2.077	-3.078
2721	27.20	-3.771	-4.183	-4.342	-4.262	-3.928	-3.312	-2.397	-1.203	0.206	1.720
2731	27.30	3.209	4.545	5.634	6.421	6.895	7.068	6.968	6.624	6.065	5.327
2741	27.40	4.456	3.510	2.561	1.672	0.894	0.251	-0.256	-0.645	-0.930	-1.118
2751	27.50	-1.193	-1.129	-0.907	-0.532	-0.048	0.459	0.881	1.118	1.111	0.869
2761	27.60	0.468	0.036	-0.294	-0.426	-0.334	-0.073	0.241	0.471	0.507	0.302
2771	27.70	-0.120	-0.674	-1.247	-1.735	-2.069	-2.226	-2.226	-2.108	-1.917	-1.689
2781	27.80	-1.447	-1.206	-0.977	-0.778	-0.629	-0.550	-0.552	-0.630	-0.757	-0.882
2791	27.90	-0.938	-0.855	-0.580	-0.099	0.552	1.285	1.980	2.516	2.804	2.813
2801	28.00	2.574	2.165	1.673	1.168	0.677	0.194	-0.294	-0.785	-1.234	-1.568
2811	28.10	-1.710	-1.618	-1.316	-0.894	-0.479	-0.191	-0.093	-0.168	-0.325	-0.441
2821	28.20	-0.402	-0.147	0.322	0.952	1.665	2.388	3.065	3.660	4.142	4.484
2831	28.30	4.660	4.662	4.512	4.264	3.994	3.766	3.604	3.474	3.291	2.944
2841	28.40	2.341	1.438	0.259	-1.121	-2.598	-4.072	-5.468	-6.737	-7.850	-8.780
2851	28.50	-9.502	-9.993	-10.244	-10.270	-10.106	-9.794	-9.361	-8.804	-8.080	-7.125
2861	28.60	-5.885	-4.362	-2.545	-0.603	1.328	3.081	4.518	5.556	6.186	6.468
2871	28.70	6.506	6.424	6.331	6.293	6.321	6.367	6.344	6.149	5.699	4.953
2881	28.80	3.924	2.676	1.304	-0.095	-1.441	-2.685	-3.810	-4.815	-5.698	-6.447
2891	28.90	-7.030	-7.398	-7.501	-7.299	-6.779	-5.963	-4.916	-3.742	-2.571	-1.540
2901	29.00	-0.765	-0.318	-0.205	-0.367	-0.694	-1.057	-1.341	-1.471	-1.425	-1.230
2911	29.10	-0.935	-0.599	-0.266	0.033	0.282	0.474	0.609	0.698	0.771	0.874
2921	29.20	1.061	1.372	1.814	2.341	2.870	3.301	3.562	3.635	3.575	3.492
2931	29.30	3.502	3.685	4.046	4.505	4.928	5.173	5.146	4.831	4.293	3.650
2941	29.40	3.026	2.511	2.136	1.882	1.699	1.539	1.376	1.213	1.067	0.951
2951	29.50	0.862	0.780	0.684	0.573	0.477	0.452	0.561	0.837	1.254	1.724
2961	29.60	2.109	2.266	2.094	1.568	0.746	-0.253	-1.293	-2.270	-3.135	-3.896
2971	29.70	-4.585	-5.223	-5.787	-6.207	-6.391	-6.267	-5.825	-5.130	-4.312	-3.520
2981	29.80	-2.873	-2.424	-2.153	-1.997	-1.889	-1.799	-1.749	-1.795	-1.987	-2.333
2991	29.90	-2.777	-3.210	-3.511	-3.593	-3.437	-3.092	-2.646	-2.180	-1.724	-1.241

Table 7-76-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1268 206-GR-1-50 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 33.259 (GAL) T= 16.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.652	0.127	1.130	2.316	3.570	4.741	5.689	6.337	6.681	6.781
3011	30.10	6.724	6.585	6.394	6.137	5.772	5.259	4.581	3.754	2.819	1.836
3021	30.20	0.863	-0.041	-0.814	-1.392	-1.718	-1.755	-1.517	-1.083	-0.592	-0.211
3031	30.30	-0.090	-0.313	-0.863	-1.633	-2.456	-3.166	-3.652	-3.882	-3.899	-3.791
3041	30.40	-3.646	-3.517	-3.410	-3.294	-3.121	-2.848	-2.442	-1.885	-1.159	-0.251
3051	30.50	0.839	2.076	3.385	4.649	5.739	6.553	7.052	7.276	7.326	7.326
3061	30.60	7.363	7.460	7.563	7.574	7.395	6.971	6.310	5.471	4.528	3.540
3071	30.70	2.523	1.464	0.343	-0.831	-2.012	-3.117	-4.062	-4.789	-5.287	-5.590
3081	30.80	-5.749	-5.796	-5.728	-5.502	-5.058	-4.361	-3.419	-2.298	-1.104	0.053
3091	30.90	1.085	1.954	2.667	3.261	3.777	4.243	4.660	5.006	5.248	5.350
3101	31.00	5.287	5.048	4.645	4.104	3.470	2.791	2.115	1.470	0.864	0.281
3111	31.10	-0.305	-0.916	-1.562	-2.233	-2.909	-3.575	-4.233	-4.903	-5.613	-6.376
3121	31.20	-7.173	-7.948	-8.618	-9.096	-9.324	-9.283	-8.997	-8.516	-7.891	-7.162
3131	31.30	-6.354	-5.489	-4.598	-3.729	-2.935	-2.256	-1.700	-1.230	-0.785	-0.301
3141	31.40	0.250	0.844	1.410	1.863	2.140	2.242	2.233	2.221	2.315	2.581
3151	31.50	3.008	3.514	3.972	4.249	4.253	3.951	3.373	2.598	1.728	0.864
3161	31.60	0.092	-0.532	-0.988	-1.289	-1.485	-1.651	-1.871	-2.219	-2.731	-3.398
3171	31.70	-4.160	-4.918	-5.559	-5.977	-6.089	-5.849	-5.241	-4.279	-2.999	-1.462
3181	31.80	0.249	2.037	3.795	5.419	6.828	7.966	8.810	9.363	9.637	9.650
3191	31.90	9.418	8.955	8.278	7.416	6.401	5.268	4.044	2.741	1.356	-0.120
3201	32.00	-1.694	-3.357	-5.079	-6.810	-8.491	-10.062	-11.470	-12.665	-13.603	-14.233
3211	32.10	-14.497	-14.340	-13.712	-12.594	-11.006	-9.018	-6.743	-4.327	-1.925	0.320
3221	32.20	2.298	3.946	5.252	6.246	6.989	7.552	8.001	8.380	8.705	8.964
3231	32.30	9.126	9.161	9.047	8.786	8.400	7.926	7.396	6.824	6.200	5.492
3241	32.40	4.666	3.700	2.610	1.448	0.291	-0.776	-1.690	-2.423	-2.984	-3.398
3251	32.50	-3.684	-3.840	-3.839	-3.651	-3.270	-2.738	-2.148	-1.622	-1.265	-1.125
3261	32.60	-1.165	-1.276	-1.319	-1.175	-0.794	-0.204	0.516	1.278	2.042	2.828
3271	32.70	3.698	4.710	5.864	7.073	8.178	8.997	9.396	9.337	8.881	8.154
3281	32.80	7.278	6.310	5.227	3.944	2.378	0.514	-1.564	-3.684	-5.636	-7.247
3291	32.90	-8.429	-9.187	-9.595	-9.741	-9.683	-9.437	-8.989	-8.339	-7.522	-6.613
3301	33.00	-5.695	-4.817	-3.966	-3.066	-2.020	-0.767	0.675	2.196	3.636	4.847
3311	33.10	5.750	6.368	6.798	7.155	7.507	7.836	8.043	8.005	7.638	6.947
3321	33.20	6.034	5.054	4.148	3.386	2.744	2.128	1.429	0.590	-0.363	-1.328
3331	33.30	-2.172	-2.792	-3.152	-3.300	-3.334	-3.357	-3.435	-3.573	-3.733	-3.867
3341	33.40	-3.950	-4.004	-4.087	-4.264	-4.574	-5.002	-5.481	-5.909	-6.187	-6.249
3351	33.50	-6.078	-5.699	-5.156	-4.487	-3.700	-2.770	-1.653	-0.316	1.241	2.962
3361	33.60	4.740	6.437	7.914	9.066	9.837	10.226	10.266	9.998	9.444	8.601
3371	33.70	7.447	5.966	4.184	2.188	0.122	-1.833	-3.506	-4.780	-5.620	-6.080
3301	33.80	-6.282	-6.376	-6.495	-6.723	-7.079	-7.519	-7.955	-8.281	-8.396	-8.228
3391	33.90	-7.747	-6.966	-5.940	-4.754	-3.499	-2.254	-1.073	0.025	1.039	1.976
3401	34.00	2.826	3.556	4.106	4.423	4.474	4.267	3.857	3.335	2.796	2.318
3411	34.10	1.935	1.637	1.378	1.092	0.721	0.223	-0.417	-1.179	-2.019	-2.864
3421	34.20	-3.627	-4.219	-4.571	-4.647	-4.463	-4.080	-3.585	-3.060	-2.558	-2.079
3431	34.30	-1.580	-0.988	-0.242	0.687	1.783	2.986	4.213	5.386	6.443	7.348
3441	34.40	8.084	8.646	9.031	9.235	9.257	9.095	8.749	8.219	7.494	6.564
3451	34.50	5.420	4.075	2.567	0.966	-0.643	-2.175	-3.563	-4.775	-5.804	-6.656
3461	34.60	-7.332	-7.815	-8.073	-8.067	-7.775	-7.202	-6.385	-5.384	-4.265	-3.087
3471	34.70	-1.893	-0.716	0.416	1.468	2.395	3.150	3.685	3.969	3.992	3.767
3481	34.80	3.338	2.772	2.158	1.591	1.160	0.925	0.895	1.025	1.219	1.362
3491	34.90	1.350	1.123	0.676	0.053	-0.678	-1.457	-2.250	-3.048	-3.851	-4.642

Table 7-76-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1268 206-GR-1-50 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 33.259 (GAL) T= 16.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-5.373	-5.969	-6.349	-6.459	-6.292	-5.887	-5.308	-4.611	-3.815	-2.899
3511	35.10	-1.818	-0.566	0.896	2.416	3.871	5.101	5.977	6.439	6.505	6.263
3521	35.20	5.830	5.326	4.837	4.409	4.051	3.743	3.457	3.161	2.829	2.443
3531	35.30	1.996	1.493	0.947	0.373	-0.219	-0.827	-1.464	-2.146	-2.887	-3.691
3541	35.40	-4.561	-5.403	-6.228	-6.950	-7.492	-7.767	-7.692	-7.202	-6.280	-4.979
3551	35.50	-3.424	-1.797	-0.293	0.939	1.836	2.440	2.869	3.266	3.733	6.293
3561	35.60	4.885	5.404	5.760	5.918	5.920	5.852	5.792	5.766	5.728	5.579
3571	35.70	5.226	4.626	3.814	2.885	1.945	1.057	0.213	-0.660	-1.653	-2.814
3581	35.80	-4.124	-5.489	-6.791	-7.940	-8.907	-9.727	-10.458	-11.117	-11.643	-11.897
3591	35.90	-11.706	-10.940	-9.573	-7.711	-5.567	-3.394	-1.410	0.254	1.568	2.572
3601	36.00	3.331	3.895	4.289	4.526	4.633	4.679	4.761	4.990	5.442	6.133
3611	36.10	7.008	7.958	8.853	9.582	10.076	10.318	10.326	10.142	9.809	9.363
3621	36.20	8.826	8.206	7.499	6.689	5.760	4.696	3.497	2.183	0.799	-0.597
3631	36.30	-1.938	-3.158	-4.199	-5.007	-5.538	-5.757	-5.655	-5.265	-4.668	-3.995
3641	36.40	-3.395	-2.995	-2.863	-2.979	-3.245	-3.522	-3.681	-3.643	-3.404	-3.015
3651	36.50	-2.547	-2.050	-1.536	-0.973	-0.367	0.331	0.990	1.513	1.777	1.701
3661	36.60	1.277	0.579	-0.272	-1.156	-1.992	-2.756	-3.469	-4.153	-4.795	-5.326
3671	36.70	-5.640	-5.623	-5.209	-4.407	-3.305	-2.041	-0.763	0.420	1.450	2.318
3681	36.80	3.033	3.591	3.957	4.070	3.869	3.333	2.501	1.478	0.405	-0.576
3691	36.90	-1.374	-1.963	-2.386	-2.714	-3.004	-3.265	-3.439	-3.428	-3.131	-2.496
3701	37.00	-1.549	-0.396	0.806	1.897	2.761	3.347	3.670	3.783	3.744	3.593
3711	37.10	3.352	3.035	2.671	2.315	2.041	1.915	1.969	2.189	2.516	2.878
3721	37.20	3.217	3.518	3.799	4.091	4.404	4.701	4.898	4.891	4.596	3.985
3731	37.30	3.093	2.001	0.797	-0.465	-1.781	-3.184	-4.709	-6.346	-8.019	-9.582
3741	37.40	-10.857	-11.672	-11.908	-11.520	-10.536	-9.037	-7.141	-4.985	-2.719	-0.500
3751	37.50	1.522	3.221	4.525	5.429	6.000	6.349	6.592	6.808	7.018	7.192
3761	37.60	7.272	7.218	7.030	6.754	6.460	6.204	6.004	5.829	5.619	5.321
3771	37.70	4.917	4.437	3.940	3.478	3.061	2.639	2.112	1.371	0.360	-0.989
3781	37.80	-2.559	-4.267	-6.010	-7.716	-9.352	-10.909	-12.359	-13.633	-14.609	-15.141
3791	37.90	-15.110	-14.466	-13.258	-11.616	-9.708	-7.679	-5.611	-3.521	-1.390	0.780
3801	38.00	2.930	4.929	6.612	7.837	8.544	8.783	8.687	8.426	8.133	7.865
3811	38.10	7.605	7.306	6.946	6.573	6.295	6.239	6.470	6.935	7.450	7.744
3821	38.20	7.542	6.658	5.044	2.802	0.122	-2.778	-5.722	-8.589	-11.298	-13.771
3831	38.30	-15.895	-17.527	-18.525	-18.794	-18.325	-17.204	-15.579	-13.614	-11.439	-9.135
3841	38.40	-6.747	-4.317	-1.915	0.351	2.360	4.020	5.299	6.245	6.959	7.557
3851	38.50	8.122	8.677	9.192	9.612	9.895	10.037	10.070	10.047	10.008	9.961
3861	38.60	9.878	9.710	9.411	8.954	8.339	7.579	6.685	5.654	4.464	3.086
3871	38.70	1.501	-0.283	-2.217	-4.211	-6.140	-7.860	-9.228	-10.131	-10.510	-10.379
3881	38.80	-9.833	-9.025	-8.138	-7.335	-6.719	-6.308	-6.042	-5.817	-5.522	-5.085
3891	38.90	-4.479	-3.721	-2.846	-1.879	-0.829	0.301	1.494	2.692	3.794	4.669
3901	39.00	5.193	5.293	4.966	4.288	3.388	2.408	1.462	0.608	-0.157	-0.885
3911	39.10	-1.654	-2.534	-3.557	-4.702	-5.881	-6.952	-7.730	-8.034	-7.726	-6.754
3921	39.20	-5.176	-3.162	-0.961	1.156	2.956	4.292	5.133	5.547	5.673	5.672
3931	39.30	5.685	5.806	6.077	6.499	7.051	7.701	8.421	9.185	9.968	10.741
3941	39.40	11.473	12.125	12.659	13.032	13.203	13.129	12.764	12.068	11.010	9.580
3951	39.50	7.799	5.725	3.468	1.086	-1.240	-3.422	-5.383	-7.078	-8.489	-9.605
3961	39.60	-10.398	-10.823	-10.817	-10.332	-9.364	-7.988	-6.360	-4.696	-3.225	-2.131
3971	39.70	-1.501	-1.313	-1.441	-1.711	-1.951	-2.039	-1.931	-1.653	-1.269	-0.850
3981	39.80	-0.439	-0.039	0.380	0.871	1.483	2.244	3.153	4.172	5.233	6.239
3991	39.90	7.082	7.656	7.869	7.664	7.023	5.969	4.558	2.866	0.980	-1.008

Table 7-76-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1268 206-GR-1-50 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 33.259 (GAL) T= 16.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-3.011	-4.943	-6.721	-8.272	-9.538	-10.485	-11.105	-11.409	-11.424	-11.178
4011	40.10	-10.695	-9.993	-9.085	-7.986	-6.712	-5.286	-3.731	-2.079	-0.369	1.340
4021	40.20	2.962	4.391	5.508	6.207	6.417	6.128	5.392	4.321	3.061	1.769
4031	40.30	0.590	-0.357	-0.989	-1.258	-1.154	-0.704	0.030	0.955	1.957	2.922
4041	40.40	3.745	4.348	4.677	4.702	4.411	3.813	2.936	1.841	0.616	-0.631
4051	40.50	-1.790	-2.782	-3.574	-4.194	-4.706	-5.185	-5.680	-6.186	-6.666	-6.964
4061	40.60	-7.044	-6.820	-6.276	-5.446	-4.398	-3.210	-1.952	-0.677	0.577	1.778
4071	40.70	2.897	3.906	4.784	5.515	6.094	6.511	6.753	6.790	6.593	6.148
4081	40.80	5.473	4.636	3.750	2.943	2.330	1.970	1.849	1.880	1.936	1.881
4091	40.90	1.617	1.104	0.365	-0.530	-1.491	-2.425	-3.256	-3.924	-4.381	-4.590
4101	41.00	-4.526	-4.188	-3.611	-2.871	-2.075	-1.343	-0.781	-0.452	-0.362	-0.467
4111	41.10	-0.689	-0.948	-1.182	-1.360	-1.474	-1.521	-1.487	-1.332	-1.008	-0.471
4121	41.20	0.286	1.213	2.211	3.146	3.692	4.360	4.523	4.410	4.076	3.571
4131	41.30	2.908	2.057	0.962	-0.418	-2.074	-3.914	-5.774	-7.446	-8.735	-9.507
4141	41.40	-9.728	-9.465	-8.855	-8.058	-7.204	-6.358	-5.513	-4.606	-3.564	-2.343
4151	41.50	-0.962	0.497	1.904	3.123	4.046	4.630	4.898	4.925	4.807	4.619
4161	41.60	4.397	4.130	3.776	3.294	2.669	1.928	1.133	0.359	-0.339	-0.949
4171	41.70	-1.501	-2.053	-2.656	-3.327	-4.028	-4.673	-5.156	-5.386	-5.315	-4.950
4181	41.80	-4.341	-3.558	-2.661	-1.687	-0.654	0.423	1.515	2.567	3.513	4.299
4191	41.90	4.912	5.390	5.820	6.299	6.891	7.593	8.319	8.927	9.261	9.202
4201	42.00	8.708	7.826	6.662	5.354	4.026	2.770	1.647	0.697	-0.038	-0.517
4211	42.10	-0.702	-0.589	-0.218	0.321	0.914	1.452	1.870	2.158	2.356	2.516
4221	42.20	2.670	2.801	2.852	2.744	2.420	1.875	1.165	0.389	-0.347	-0.959
4231	42.30	-1.412	-1.707	-1.871	-1.935	-1.920	-1.848	-1.754	-1.699	-1.760	-2.013
4241	42.40	-2.492	-3.162	-3.921	-4.623	-5.127	-5.349	-5.291	-5.037	-4.720	-4.468
4251	42.50	-4.357	-4.394	-4.525	-4.669	-4.755	-4.747	-4.642	-4.456	-4.198	-3.857
4261	42.60	-3.404	-2.813	-2.086	-1.270	-0.452	0.255	0.748	0.954	0.851	0.468
4271	42.70	-0.132	-0.864	-1.635	-2.351	-2.920	-3.257	-3.289	-2.969	-2.288	-1.283
4281	42.80	-0.027	1.382	2.843	4.275	5.626	6.877	8.024	9.071	10.003	10.785
4291	42.90	11.357	11.642	11.565	11.074	10.151	8.831	7.202	5.396	3.573	1.894
4301	43.00	0.494	-0.539	-1.177	-1.448	-1.423	-1.193	-0.850	-0.473	-0.123	0.153
4311	43.10	0.314	0.319	0.124	-0.301	-0.971	-1.862	-2.911	-4.015	-5.042	-5.856
4321	43.20	-6.336	-6.398	-6.005	-5.170	-3.949	-2.430	-0.719	1.071	2.825	4.426
4331	43.30	5.765	6.739	7.265	7.296	6.832	5.931	4.707	3.313	1.914	0.649
4341	43.40	-0.393	-1.197	-1.816	-2.347	-2.887	-3.497	-4.172	-4.830	-5.341	-5.568
4351	43.50	-5.419	-4.882	-4.045	-3.065	-2.130	-1.399	-0.962	-0.826	-0.932	-1.201
4361	43.60	-1.576	-2.050	-2.658	-3.444	-4.414	-5.502	-6.570	-7.434	-7.930	-7.967
4371	43.70	-7.556	-6.801	-5.847	-4.818	-3.767	-2.668	-1.440	-0.019	1.590	3.274
4381	43.80	4.836	6.044	6.706	6.736	6.172	5.157	3.886	2.545	1.269	0.131
4391	43.90	-0.842	-1.639	-2.248	-2.651	-2.840	-2.840	-2.719	-2.576	-2.514	-2.597
4401	44.00	-2.830	-3.148	-3.447	-3.614	-3.568	-3.285	-2.795	-2.163	-1.460	-0.739
4411	44.10	-0.026	0.686	1.419	2.203	3.061	4.006	5.024	6.094	7.165	8.168
4421	44.20	9.022	9.651	9.997	10.032	9.762	9.218	8.451	7.514	6.462	5.355
4431	44.30	4.259	3.248	2.389	1.725	1.251	0.904	0.574	0.132	-0.526	-1.441
4441	44.40	-2.576	-3.822	-5.031	-6.058	-6.798	-7.204	-7.282	-7.075	-6.646	-6.064
4451	44.50	-5.398	-4.722	-4.115	-3.648	-3.379	-3.336	-3.513	-3.880	-4.394	-5.012
4461	44.60	-5.697	-6.404	-7.070	-7.604	-7.890	-7.813	-7.297	-6.330	-4.978	-3.367
4471	44.70	-1.646	0.055	1.655	3.127	4.476	5.708	6.812	7.757	8.505	9.045
4481	44.80	9.406	9.653	9.864	10.089	10.325	10.512	10.551	10.346	9.839	9.026
4491	44.90	7.954	6.692	5.306	3.846	2.344	0.833	-0.639	-2.008	-3.203	-4.181

Table 7-76-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1268 206-GR-1-50 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 33.259 (GAL) T= 16.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-4.937	-5.516	-5.990	-6.425	-6.855	-7.266	-7.606	-7.817	-7.859	-7.735
4511	45.10	-7.478	-7.137	-6.744	-6.304	-5.795	-5.191	-4.485	-3.695	-2.865	-2.035
4521	45.20	-1.223	-0.410	0.452	1.403	2.449	3.533	4.541	5.331	5.773	5.792
4531	45.30	5.390	4.645	3.685	2.656	1.687	0.872	0.255	-0.168	-0.439	-0.633
4541	45.40	-0.836	-1.128	-1.557	-2.122	-2.763	-3.371	-3.823	-4.014	-3.898	-3.500
4551	45.50	-2.910	-2.249	-1.634	-1.139	-0.780	-0.524	-0.313	-0.095	0.155	0.427
4561	45.60	0.683	0.873	0.961	0.935	0.818	0.663	0.542	0.533	0.704	1.089
4571	45.70	1.685	2.442	3.275	4.085	4.784	5.322	5.698	5.953	6.151	6.340
4581	45.80	6.533	6.688	6.729	6.565	6.129	5.405	4.435	3.311	2.142	1.029
4591	45.90	0.041	-0.791	-1.465	-1.991	-2.377	-2.617	-2.700	-2.616	-2.367	-1.975
4601	46.00	-1.479	-0.922	-0.341	0.237	0.802	1.351	1.883	2.391	2.862	3.285
4611	46.10	3.658	3.989	4.297	4.592	4.866	5.078	5.153	5.001	4.540	3.730
4621	46.20	2.589	1.198	-0.314	-1.807	-3.162	-4.303	-5.210	-5.904	-6.434	-6.852
4631	46.30	-7.206	-7.537	-7.878	-8.253	-8.669	-9.100	-9.481	-9.710	-9.673	-9.286
4641	46.40	-8.527	-7.463	-6.235	-5.026	-3.998	-3.249	-2.780	-2.512	-2.320	-2.086
4651	46.50	-1.731	-1.234	-0.615	0.093	0.868	1.703	2.594	3.520	4.429	5.243
4661	46.60	5.884	6.305	6.508	6.541	6.473	6.348	6.164	5.871	5.398	4.698
4671	46.70	3.779	2.716	1.617	0.583	-0.344	-1.187	-2.014	-2.883	-3.788	-4.625
4681	46.80	-5.218	-5.375	-4.966	-3.982	-2.555	-0.926	0.634	1.893	2.712	3.066
4691	46.90	3.015	2.661	2.110	1.452	0.754	0.078	-0.519	-0.984	-1.283	-1.413
4701	47.00	-1.407	-1.317	-1.191	-1.055	-0.901	-0.704	-0.445	-0.134	0.187	0.453
4711	47.10	0.612	0.652	0.610	0.557	0.563	0.653	0.792	0.891	0.844	0.579
4721	47.20	0.090	-0.551	-1.220	-1.782	-2.142	-2.264	-2.175	-1.937	-1.617	-1.259
4731	47.30	-0.680	-0.481	-0.064	0.362	0.778	1.171	1.547	1.940	2.395	2.952
4741	47.40	3.621	4.370	5.128	5.815	6.358	6.717	6.886	6.877	6.705	6.368
4751	47.50	5.857	5.164	4.310	3.353	2.390	1.524	0.857	0.353	0.026	-0.236
4761	47.60	-0.539	-0.953	-1.481	-2.051	-2.538	-2.812	-2.788	-2.460	-1.910	-1.287
4771	47.70	-0.760	-0.475	-0.508	-0.857	-1.443	-2.146	-2.834	-3.403	-3.791	-3.981
4781	47.80	-3.991	-3.851	-3.582	-3.194	-2.690	-2.083	-1.414	-0.770	-0.280	-0.092
4791	47.90	-0.337	-1.085	-2.313	-3.894	-5.619	-7.236	-8.511	-9.281	-9.483	-9.161
4801	48.00	-8.438	-7.472	-6.412	-5.361	-4.360	-3.402	-2.447	-1.453	-0.398	0.710
4811	48.10	1.831	2.903	3.855	4.619	5.147	5.412	5.422	5.220	4.881	4.503
4821	48.20	4.189	4.033	4.095	4.390	4.884	5.498	6.127	6.654	6.972	6.999
4831	48.30	6.687	6.024	5.032	3.766	2.303	0.734	-0.846	-2.345	-3.691	-4.833
4841	48.40	-5.748	-6.440	-6.932	-7.256	-7.442	-7.509	-7.458	-7.278	-6.947	-6.452
4851	48.50	-5.793	-4.997	-4.112	-3.198	-2.315	-1.505	-0.787	-0.159	0.396	0.892
4861	48.60	1.338	1.737	2.096	2.436	2.800	3.245	3.816	4.523	5.315	6.084
4871	48.70	6.688	6.997	6.937	6.520	5.843	5.048	4.270	3.585	2.987	2.401
4881	48.80	1.728	0.900	-0.073	-1.100	-2.028	-2.704	-3.025	-2.974	-2.623	-2.103
4891	48.90	-1.560	-1.112	-0.824	-0.709	-0.741	-0.879	-1.077	-1.303	-1.529	-1.740
4901	49.00	-1.933	-2.119	-2.322	-2.572	-2.885	-3.244	-3.590	-3.826	-3.845	-3.559
4911	49.10	-2.936	-2.014	-0.892	0.298	1.426	2.395	3.157	3.701	4.065	4.215
4921	49.20	4.238	4.145	3.977	3.789	3.636	3.564	3.590	3.691	3.815	3.906
4931	49.30	3.926	3.876	3.797	3.751	3.787	3.919	4.114	4.300	4.399	4.352
4941	49.40	4.145	3.808	3.400	2.977	2.568	2.162	1.711	1.150	0.421	-0.509
4951	49.50	-1.635	-2.922	-4.312	-5.739	-7.136	-8.441	-9.595	-10.535	-11.199	-11.523
4961	49.60	-11.458	-10.978	-10.101	-8.887	-7.439	-5.889	-4.366	-2.979	-1.787	-0.803
4971	49.70	0.003	0.682	1.279	1.828	2.340	2.826	3.307	3.826	4.445	5.222
4981	49.80	6.180	7.289	8.456	9.548	10.428	10.995	11.215	11.122	10.794	10.321
4991	49.90	9.770	9.166	8.501	7.747	6.886	5.919	4.867	3.757	2.608	1.421

Table 7-76-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1268 206-GR-1-50 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 33.259 (GAL) T= 16.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.194	-1.067	-2.329	-3.536	-4.617	-5.522	-6.240	-6.809	-7.300	-7.779
5011	50.10	-8.271	-8.734	-9.065	-9.134	-8.837	-8.130	-7.059	-5.739	-4.321	-2.948
5021	50.20	-1.718	-0.679	0.161	0.819	1.273	1.546	1.629	1.542	1.339	1.102
5031	50.30	0.917	0.844	0.898	1.045	1.212	1.324	1.327	1.202	0.956	0.692
5041	50.40	0.139	-0.456	-1.218	-2.167	-3.283	-4.492	-5.675	-6.702	-7.462	-7.896
5051	50.50	-7.992	-7.793	-7.352	-6.717	-5.921	-4.990	-3.953	-2.859	-1.773	-0.755
5061	50.60	0.159	0.975	1.741	2.517	3.348	4.228	5.093	5.841	6.369	6.615
5071	50.70	6.582	6.334	5.963	5.553	5.140	4.795	4.188	3.538	2.731	1.796
5081	50.80	0.805	-0.154	-1.018	-1.761	-2.404	-2.994	-3.569	-4.146	-4.701	-5.185
5091	50.90	-5.544	-5.734	-5.738	-5.564	-5.236	-4.793	-4.278	-3.747	-3.263	-2.892
5101	51.00	-2.688	-2.667	-2.793	-2.972	-3.073	-2.957	-2.523	-1.738	-0.650	0.629
5111	51.10	1.955	3.190	4.239	5.063	5.673	6.105	6.402	6.587	6.656	6.585
5121	51.20	6.340	5.890	5.222	4.341	3.274	2.062	0.756	-0.588	-1.912	-3.155
5131	51.30	-4.258	-5.161	-5.807	-6.150	-6.157	-5.819	-5.153	-4.210	-3.068	-1.828
5141	51.40	-0.601	0.502	1.388	1.990	2.280	2.274	2.031	1.668	1.241	0.923
5151	51.50	0.782	0.858	1.137	1.560	2.036	2.479	2.826	3.052	3.171	3.220
5161	51.60	3.234	3.232	3.205	3.124	2.953	2.661	2.237	1.691	1.050	0.348
5171	51.70	-0.377	-1.086	-1.740	-2.301	-2.737	-3.028	-3.176	-3.205	-3.156	-3.073
5181	51.80	-2.985	-2.897	-2.789	-2.629	-2.387	-2.053	-1.660	-1.179	-0.702	-0.228
5191	51.90	0.249	0.750	1.301	1.915	2.577	3.248	3.873	4.406	4.622	5.126
5201	52.00	5.350	5.536	5.720	5.921	6.132	6.323	6.453	6.478	6.356	6.061
5211	52.10	5.585	4.937	4.153	3.286	2.397	1.550	0.790	0.141	-0.395	-0.834
5221	52.20	-1.190	-1.468	-1.659	-1.748	-1.725	-1.598	-1.397	-1.162	-0.930	-0.714
5231	52.30	-0.496	-0.231	0.132	0.623	1.231	1.906	2.570	3.147	3.590	3.893
5241	52.40	4.087	4.215	4.305	4.350	4.304	4.106	3.699	3.062	2.211	1.198
5251	52.50	0.090	-1.059	-2.210	-3.344	-4.442	-5.474	-6.390	-7.127	-7.634	-7.886
5261	52.60	-7.904	-7.761	-7.470	-7.152	-6.821	-6.475	-6.093	-5.654	-5.155	-4.625
5271	52.70	-4.109	-3.655	-3.293	-3.025	-2.831	-2.677	-2.536	-2.398	-2.265	-2.141
5281	52.80	-2.025	-1.901	-1.744	-1.531	-1.256	-0.932	-0.590	-0.266	0.012	0.231
5291	52.90	0.392	0.502	0.569	0.591	0.571	0.516	0.451	0.415	0.443	0.552
5301	53.00	0.725	0.915	1.061	1.116	1.073	0.977	0.911	0.967	1.208	1.639
5311	53.10	2.203	2.800	3.318	3.669	3.808	3.738	3.494	3.118	2.647	2.101
5321	53.20	1.492	0.829	0.125	-0.602	-1.339	-2.081	-2.829	-3.586	-4.346	-5.082
5331	53.30	-5.752	-6.307	-6.710	-6.950	-7.040	-7.014	-6.905	-6.733	-6.490	-6.154
5341	53.40	-5.698	-5.106	-4.383	-3.549	-2.633	-1.655	-0.624	0.454	1.571	2.699
5351	53.50	3.792	4.794	5.659	6.362	6.905	7.312	7.607	7.798	7.872	7.799
5361	53.60	7.556	7.142	6.592	5.967	5.331	4.726	4.162	3.613	3.042	2.423
5371	53.70	1.763	1.095	0.464	-0.105	-0.627	-1.155	-1.758	-2.490	-3.353	-4.289
5381	53.80	-5.198	-5.972	-6.535	-6.868	-7.009	-7.022	-6.965	-6.857	-6.679	-6.387
5391	53.90	-5.950	-5.376	-4.715	-4.044	-3.429	-2.889	-2.390	-1.853	-1.202	-0.400
5401	54.00	0.519	1.461	2.303	2.949	3.364	3.598	3.754	3.953	4.275	4.735
5411	54.10	5.277	5.809	6.242	6.530	6.679	6.739	6.765	6.785	6.786	6.710
5421	54.20	6.487	6.062	5.422	4.600	3.667	2.709	1.806	1.020	0.393	-0.054
5431	54.30	-0.312	-0.393	-0.331	-0.182	-0.022	0.074	0.059	-0.069	-0.261	-0.435
5441	54.40	-0.504	-0.419	-0.192	0.110	0.383	0.528	0.496	0.296	-0.000	-0.299
5451	54.50	-0.520	-0.625	-0.630	-0.586	-0.556	-0.579	-0.663	-0.784	-0.908	-1.017
5461	54.60	-1.119	-1.245	-1.434	-1.707	-2.058	-2.448	-2.824	-3.139	-3.369	-3.521
5471	54.70	-3.618	-3.687	-3.736	-3.752	-3.706	-3.566	-3.316	-2.962	-2.532	-2.061
5481	54.80	-1.576	-1.087	-0.587	-0.060	0.502	1.092	1.680	2.223	2.677	3.011
5491	54.90	3.219	3.320	3.358	3.393	3.487	3.691	4.032	4.501	5.049	5.585

Table 7-76-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1268 206-GR-1-50 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 33.259 (GAL) T= 16.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	5.997	6.175	6.038	5.560	4.778	3.779	2.677	1.576	0.543	-0.401
5511	55.10	-1.275	-2.117	-2.957	-3.801	-4.627	-5.400	-6.078	-6.635	-7.051	-7.309
5521	55.20	-7.388	-7.253	-6.870	-6.224	-5.336	-4.269	-3.122	-2.002	-0.990	-0.120
5531	55.30	0.629	1.315	2.005	2.740	3.523	4.315	5.059	5.701	6.212	6.584
5541	55.40	6.827	6.948	6.940	6.783	6.459	5.963	5.320	4.584	3.818	3.084
5551	55.50	2.415	1.819	1.275	0.755	0.234	-0.306	-0.872	-1.471	-2.112	-2.803
5561	55.60	-3.542	-4.307	-5.054	-5.722	-6.252	-6.605	-6.777	-6.796	-6.707	-6.549
5571	55.70	-6.337	-6.054	-5.662	-5.127	-4.433	-3.600	-2.679	-1.736	-0.828	0.004
5581	55.80	0.747	1.492	1.971	2.446	2.804	3.017	3.060	2.924	2.617	2.159
5591	55.90	1.574	0.882	0.096	-0.770	-1.694	-2.638	-3.545	-4.350	-4.992	-5.427
5601	56.00	-5.641	-5.649	-5.491	-5.221	-4.892	-4.547	-4.212	-3.888	-3.558	-3.188
5611	56.10	-2.737	-2.169	-1.465	-0.631	0.297	1.261	2.191	3.021	3.706	4.226
5621	56.20	4.535	4.805	4.906	4.903	4.800	4.595	4.293	3.914	3.497	3.092
5631	56.30	2.746	2.488	2.312	2.178	2.019	1.771	1.389	0.868	0.252	-0.383
5641	56.40	-0.948	-1.374	-1.627	-1.725	-1.723	-1.697	-1.718	-1.824	-2.014	-2.248
5651	56.50	-2.463	-2.587	-2.563	-2.357	-1.961	-1.387	-0.664	0.176	1.095	2.059
5661	56.60	3.037	3.994	4.900	5.719	6.413	6.930	7.252	7.318	7.116	6.652
5671	56.70	5.963	5.113	4.187	3.269	2.425	1.694	1.082	0.569	0.123	-0.288
5681	56.80	-0.691	-1.101	-1.528	-1.976	-2.445	-2.928	-3.404	-3.845	-4.214	-4.484
5691	56.90	-4.643	-4.707	-4.716	-4.720	-4.765	-4.872	-5.029	-5.198	-5.323	-5.353
5701	57.00	-5.247	-4.985	-4.562	-3.980	-3.243	-2.361	-1.351	-0.251	0.882	1.978
5711	57.10	2.967	3.798	4.450	4.937	5.293	5.555	5.742	5.845	5.827	5.641
5721	57.20	5.251	4.647	3.859	2.952	2.012	1.127	0.372	-0.206	-0.588	-0.779
5731	57.30	-0.807	-0.708	-0.530	-0.321	-0.132	-0.004	0.030	-0.048	-0.242	-0.539
5741	57.40	-0.920	-1.358	-1.823	-2.286	-2.713	-3.065	-3.301	-3.383	-3.278	-2.976
5751	57.50	-2.491	-1.861	-1.149	-0.424	0.253	0.850	1.328	1.733	2.090	2.438
5761	57.60	2.800	3.169	3.508	3.758	3.848	3.726	3.370	2.807	2.105	1.367
5771	57.70	0.703	0.205	-0.088	-0.111	0.041	0.319	0.641	0.931	1.130	1.200
5781	57.80	1.127	0.909	0.556	0.089	-0.462	-1.064	-1.679	-2.279	-2.852	-3.410
5791	57.90	-3.981	-4.601	-5.289	-6.029	-6.766	-7.407	-7.842	-7.978	-7.762	-7.199
5801	58.00	-6.349	-5.312	-4.200	-3.112	-2.119	-1.257	-0.540	0.034	0.475	0.792
5811	58.10	1.004	1.147	1.271	1.441	1.720	2.154	2.754	3.488	4.286	5.058
5821	58.20	5.717	6.202	6.494	6.619	6.629	6.584	6.520	6.439	6.304	6.056
5831	58.30	5.642	5.036	4.261	3.381	2.487	1.659	0.949	0.363	-0.129	-0.571
5841	58.40	-0.998	-1.414	-1.793	-2.096	-2.290	-2.371	-2.368	-2.329	-2.302	-2.311
5851	58.50	-2.345	-2.369	-2.336	-2.214	-1.996	-1.698	-1.346	-0.963	-0.554	-0.111
5861	58.60	0.376	0.902	1.439	1.942	2.359	2.658	2.836	2.920	2.954	2.972
5871	58.70	2.986	2.969	2.871	2.635	2.223	1.631	0.894	0.077	-0.745	-1.508
5881	58.80	-2.175	-2.745	-3.249	-3.736	-4.257	-4.843	-5.488	-6.145	-6.725	-7.120
5891	58.90	-7.228	-6.980	-6.358	-5.398	-4.178	-2.789	-1.311	0.204	1.731	3.259
5901	59.00	4.776	6.244	7.605	8.784	9.703	10.297	10.521	10.351	9.784	8.835
5911	59.10	7.543	5.983	4.261	2.507	0.853	-0.601	-1.814	-2.807	-3.652	-4.437
5921	59.20	-5.228	-6.039	-6.828	-7.518	-8.028	-8.308	-8.349	-8.188	-7.880	-7.484
5931	59.30	-7.042	-6.579	-6.111	-5.650	-5.207	-4.784	-4.364	-3.909	-3.368	-2.700
5941	59.40	-1.895	-0.984	-0.034	0.879	1.702	2.625	3.079	3.717	4.370	5.025
5951	59.50	5.611	6.030	6.194	6.072	5.710	5.222	4.751	4.419	4.282	4.314
5961	59.60	4.421	4.482	4.384	4.058	3.488	2.703	1.757	0.715	-0.362	-1.419
5971	59.70	-2.405	-3.277	-4.007	-4.581	-5.004	-5.295	-5.473	-5.547	-5.516	-5.373
5981	59.80	-5.117	-4.765	-4.360	-3.953	-3.593	-3.300	-3.062	-2.834	-2.566	-2.225
5991	59.90	-1.811	-1.362	-0.939	-0.600	-0.373	-0.253	-0.201	-0.167	-0.106	0.004

Table 7-76-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1268 206-GR-1-50 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 33.259 (GAL) T= 16.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.162	0.356	0.570	0.794	1.029	1.273	1.516	1.737	1.910	2.008
6011	60.10	2.020	1.949	1.815	1.645	1.460	1.278	1.111	0.974	0.891	0.892
6021	60.20	1.008	1.252	1.616	2.059	2.523	2.951	3.297	3.548	3.715	3.827
6031	60.30	3.907	3.963	3.979	3.920	3.749	3.443	3.004	2.460	1.859	1.252
6041	60.40	0.682	0.173	-0.272	-0.661	-1.008	-1.317	-1.586	-1.800	-1.943	-2.011
6051	60.50	-2.012	-1.978	-1.952	-1.977	-2.083	-2.272	-2.516	-2.765	-2.961	-3.057
6061	60.60	-3.027	-2.872	-2.610	-2.269	-1.871	-1.430	-0.955	-0.456	0.048	0.530
6071	60.70	0.966	1.343	1.670	1.973	2.284	2.622	2.972	3.288	3.502	3.548
6081	60.80	3.391	3.042	2.553	2.003	1.460	0.967	0.527	0.118	-0.287	-0.701
6091	60.90	-1.105	-1.459	-1.721	-1.865	-1.899	-1.860	-1.806	-1.781	-1.825	-1.938
6101	61.00	-2.104	-2.292	-2.475	-2.628	-2.732	-2.769	-2.718	-2.558	-2.280	-1.891
6111	61.10	-1.418	-0.905	-0.402	0.051	0.425	0.712	0.912	1.031	1.073	1.041
6121	61.20	0.945	0.805	0.658	0.555	0.543	0.658	0.910	1.278	1.717	2.161
6131	61.30	2.546	2.812	2.922	2.857	2.623	2.243	1.751	1.184	0.574	-0.062
6141	61.40	-0.721	-1.409	-2.131	-2.879	-3.622	-4.302	-4.845	-5.177	-5.234	-4.985
6151	61.50	-4.433	-3.614	-2.592	-1.448	-0.265	0.878	1.918	2.818	3.567	4.186
6161	61.60	4.719	5.214	5.712	6.226	6.738	7.200	7.553	7.745	7.742	7.541
6171	61.70	7.157	6.618	5.955	5.196	4.373	3.530	2.724	2.015	1.449	1.036
6181	61.80	0.740	0.481	0.162	-0.297	-0.926	-1.692	-2.506	-3.254	-3.840	-4.213
6191	61.90	-4.380	-4.393	-4.319	-4.211	-4.091	-3.948	-3.759	-3.512	-3.217	-2.907
6201	62.00	-2.624	-2.396	-2.222	-2.075	-1.915	-1.709	-1.454	-1.178	-0.929	-0.750
6211	62.10	-0.656	-0.625	-0.602	-0.526	-0.355	-0.088	0.228	0.513	0.679	0.661
6221	62.20	0.437	0.028	-0.504	-1.084	-1.635	-2.100	-2.444	-2.653	-2.726	-2.673
6231	62.30	-2.512	-2.267	-1.966	-1.648	-1.350	-1.110	-0.959	-0.916	-0.981	-1.138
6241	62.40	-1.344	-1.541	-1.659	-1.628	-1.400	-0.962	-0.341	0.397	1.167	1.885
6251	62.50	2.494	2.972	3.335	3.613	3.832	3.997	4.086	4.063	3.897	3.585
6261	62.60	3.159	2.681	2.223	1.843	1.569	1.391	1.277	1.188	1.096	0.991
6271	62.70	0.873	0.747	0.605	0.424	0.175	-0.162	-0.585	-1.062	-1.537	-1.945
6281	62.80	-2.235	-2.383	-2.402	-2.329	-2.222	-2.136	-2.114	-2.175	-2.316	-2.512
6291	62.90	-2.720	-2.890	-2.974	-2.935	-2.765	-2.481	-2.129	-1.767	-1.452	-1.221
6301	63.00	-1.084	-1.026	-1.018	-1.033	-1.055	-1.079	-1.108	-1.143	-1.171	-1.173
6311	63.10	-1.126	-1.022	-0.871	-0.706	-0.565	-0.480	-0.458	-0.482	-0.516	-0.522
6321	63.20	-0.479	-0.388	-0.271	-0.152	-0.045	0.059	0.188	0.372	0.629	0.943
6331	63.30	1.272	1.556	1.736	1.780	1.688	1.486	1.216	0.910	0.583	0.232
6341	63.40	-0.151	-0.564	-0.981	-1.353	-1.620	-1.735	-1.680	-1.475	-1.172	-0.837
6351	63.50	-0.524	-0.260	-0.037	0.174	0.408	0.682	0.986	1.282	1.522	1.661
6361	63.60	1.680	1.582	1.393	1.148	0.870	0.572	0.250	-0.098	-0.468	-0.834
6371	63.70	-1.156	-1.387	-1.489	-1.450	-1.288	-1.048	-0.785	-0.550	-0.373	-0.252
6381	63.80	-0.163	-0.060	0.104	0.367	0.747	1.239	1.814	2.426	3.018	3.532
6391	63.90	3.917	4.140	4.186	4.059	3.736	3.405	2.965	2.518	2.113	1.793
6401	64.00	1.582	1.486	1.482	1.525	1.554	1.506	1.339	1.040	0.637	0.186
6411	64.10	-0.240	-0.578	-0.795	-0.893	-0.902	-0.870	-0.836	-0.819	-0.817	-0.809
6421	64.20	-0.773	-0.698	-0.585	-0.447	-0.296	-0.138	0.037	0.244	0.496	0.793
6431	64.30	1.115	1.428	1.693	1.877	1.967	1.965	1.889	1.760	1.599	1.420
6441	64.40	1.232	1.040	0.848	0.658	0.467	0.268	0.047	-0.206	-0.495	-0.811
6451	64.50	-1.131	-1.427	-1.674	-1.863	-1.998	-2.094	-2.165	-2.215	-2.234	-2.199
6461	64.60	-2.088	-1.896	-1.637	-1.342	-1.051	-0.794	-0.578	-0.389	-0.198	0.026
6471	64.70	0.297	0.609	0.944	1.278	1.601	1.919	2.252	2.612	2.999	3.384
6481	64.80	3.716	3.940	4.017	3.938	3.735	3.463	3.179	2.924	2.706	2.499
6491	64.90	2.256	1.931	1.493	0.938	0.288	-0.421	-1.147	-1.853	-2.513	-3.103

Table 7-76-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1268 206-GR-1-50 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 33.259 (GAL) T= 16.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-3.604	-3.997	-4.268	-4.414	-4.443	-4.382	-4.263	-4.124	-3.993	-3.881
6511	65.10	-3.781	-3.671	-3.522	-3.305	-3.000	-2.600	-2.111	-1.550	-0.944	-0.322
6521	65.20	0.288	0.858	1.370	1.808	2.166	2.442	2.642	2.780	2.869	2.929
6531	65.30	2.973	3.007	3.028	3.025	2.980	2.881	2.725	2.525	2.305	2.093
6541	65.40	1.907	1.750	1.602	1.430	1.198	0.883	0.477	-0.005	-0.537	-1.092
6551	65.50	-1.648	-2.193	-2.721	-3.223	-3.684	-4.084	-4.401	-4.623	-4.752	-4.801
6561	65.60	-4.788	-4.727	-4.621	-4.466	-4.259	-4.006	-3.723	-3.437	-3.167	-2.911
6571	65.70	-2.646	-2.331	-1.933	-1.447	-0.907	-0.383	0.046	0.322	0.437	0.436
6581	65.80	0.401	0.409	0.502	0.661	0.813	0.864	0.742	0.427	-0.040	-0.568
6591	65.90	-1.057	-1.437	-1.683	-1.816	-1.886	-1.937	-1.993	-2.053	-2.098	-2.118
6601	66.00	-2.115	-2.110	-2.123	-2.159	-2.199	-2.199	-2.116	-1.922	-1.621	-1.251
6611	66.10	-0.862	-0.498	-0.174	0.124	0.427	0.763	1.133	1.507	1.831	2.057
6621	66.20	2.157	2.146	2.069	1.989	1.961	2.009	2.127	2.282	2.432	2.545
6631	66.30	2.604	2.612	2.581	2.527	2.466	2.413	2.382	2.387	2.435	2.516
6641	66.40	2.607	2.668	2.663	2.572	2.409	2.221	2.069	2.009	2.055	2.175
6651	66.50	2.292	2.318	2.184	1.871	1.425	0.935	0.503	0.207	0.074	0.078
6661	66.60	0.158	0.245	0.290	0.281	0.228	0.157	0.085	0.011	-0.079	-0.198
6671	66.70	-0.350	-0.515	-0.665	-0.775	-0.834	-0.859	-0.878	-0.918	-0.986	-1.058
6681	66.80	-1.088	-1.028	-0.854	-0.579	-0.259	0.027	0.206	0.233	0.113	-0.111
6691	66.90	-0.374	-0.612	-0.787	-0.886	-0.923	-0.918	-0.886	-0.827	-0.735	-0.600
6701	67.00	-0.422	-0.214	0.008	0.227	0.440	0.653	0.880	1.127	1.382	1.617
6711	67.10	1.790	1.863	1.816	1.658	1.418	1.143	0.872	0.631	0.428	0.263
6721	67.20	0.133	0.047	0.021	0.071	0.199	0.385	0.591	0.774	0.908	0.995
6731	67.30	1.070	1.183	1.372	1.640	1.947	2.225	2.411	2.484	2.483	2.496
6741	67.40	2.625	2.929	3.381	3.859	4.175	4.141	3.644	2.699	1.451	0.138

Table 7−77−1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1269 206-GR-1-50 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = -6.293 (GAL) T= 16.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-2.501	-4.234	-5.333	-5.732	-5.551	-5.027	-4.423	-3.943	-3.681	-3.621
11	0.10	-3.679	-3.749	-3.749	-3.642	-3.432	-3.153	-2.854	-2.589	-2.413	-2.372
21	0.20	-2.499	-2.794	-3.226	-3.730	-4.226	-4.661	-4.931	-5.090	-5.134	-5.086
31	0.30	-4.948	-4.700	-4.305	-3.744	-3.038	-2.271	-1.570	-1.076	-0.890	-1.039
41	0.40	-1.456	-2.007	-2.536	-2.915	-3.086	-3.072	-2.960	-2.855	-2.851	-2.995
51	0.50	-3.288	-3.697	-4.172	-4.659	-5.101	-5.435	-5.588	-5.494	-5.112	-4.459
61	0.60	-3.625	-2.765	-2.061	-1.663	-1.635	-1.928	-2.391	-2.825	-3.051	-2.976
71	0.70	-2.612	-2.063	-1.467	-0.940	-0.534	-0.239	-0.007	0.199	0.372	0.465
81	0.80	0.416	0.197	-0.158	-0.553	-0.865	-0.998	-0.930	-0.727	-0.512	-0.405
91	0.90	-0.469	-0.672	-0.907	-1.033	-0.945	-0.619	-0.122	0.423	0.886	1.182
101	1.00	1.300	1.288	1.223	1.168	1.154	1.170	1.195	1.211	1.226	1.273
111	1.10	1.387	1.594	1.889	2.243	2.605	2.919	3.131	3.194	3.071	2.741
121	1.20	2.216	1.549	0.841	0.224	-0.172	-0.262	-0.044	0.393	0.889	1.265
131	1.30	1.384	1.196	0.757	0.208	-0.275	-0.536	-0.482	-0.108	0.516	1.269
141	1.40	2.011	2.621	3.013	3.152	3.053	2.771	2.385	1.977	1.610	1.316
151	1.50	1.091	0.905	0.718	0.500	0.240	-0.059	-0.382	-0.716	-1.052	-1.373
161	1.60	-1.645	-1.814	-1.812	-1.588	-1.140	-0.531	0.106	0.622	0.882	0.835
171	1.70	0.537	0.125	-0.227	-0.379	-0.274	0.049	0.483	0.911	1.254	1.500
181	1.80	1.690	1.876	2.075	2.243	2.287	2.109	1.665	0.999	0.244	-0.414
191	1.90	-0.802	-0.827	-0.507	0.035	0.613	1.041	1.193	1.038	0.639	0.121
201	2.00	-0.368	-0.703	-0.809	-0.673	-0.330	0.154	0.706	1.259	1.759	2.163
211	2.10	2.437	2.558	2.518	2.330	2.040	1.719	1.445	1.280	1.243	1.296
221	2.20	1.362	1.353	1.220	0.985	0.739	0.619	0.739	1.135	1.730	2.349
231	2.30	2.777	2.840	2.473	1.745	0.825	-0.083	-0.818	-1.313	-1.592	-1.728
241	2.40	-1.779	-1.747	-1.576	-1.188	-0.551	-0.280	1.155	1.871	2.247	2.185
251	2.50	1.710	0.949	0.088	-0.704	-1.309	-1.682	-1.832	-1.791	-1.597	-1.290
261	2.60	-0.923	-0.570	-0.323	-0.256	-0.394	-0.691	-1.037	-1.296	-1.373	-1.251
271	2.70	-1.001	-0.752	-0.618	-0.642	-0.768	-0.865	-0.791	-0.470	0.062	0.662
281	2.80	1.127	1.285	1.056	0.486	-0.273	-1.023	-1.590	-1.873	-1.863	-1.623
291	2.90	-1.253	-0.859	-0.530	-0.330	-0.299	-0.452	-0.769	-1.190	-1.626	-1.971
301	3.00	-2.140	-2.095	-1.864	-1.527	-1.183	-0.908	-0.720	-0.576	-0.396	-0.102
311	3.10	0.340	0.900	1.490	1.997	2.322	2.406	2.269	1.896	1.409	0.866
321	3.20	0.325	-0.172	-0.597	-0.935	-1.184	-1.355	-1.472	-1.568	-1.674	-1.813
331	3.30	-1.988	-2.182	-2.367	-2.502	-2.546	-2.455	-2.191	-1.732	-1.084	-0.305
341	3.40	0.492	1.151	1.505	1.435	0.922	0.073	-0.891	-1.692	-2.083	-1.931
351	3.50	-1.263	-0.262	0.797	1.637	2.065	2.026	1.599	0.950	0.265	-0.315
361	3.60	-0.723	-0.960	-1.069	-1.093	-1.060	-0.973	-0.834	-0.653	-0.457	-0.276
371	3.70	-0.121	0.036	0.261	0.639	1.237	2.060	3.035	4.014	4.812	5.263
381	3.80	5.267	4.823	4.030	3.049	2.062	1.223	0.619	0.265	0.115	0.089
391	3.90	0.104	0.099	0.047	-0.045	-0.150	-0.244	-0.314	-0.376	-0.464	-0.618
401	4.00	-0.868	-1.211	-1.604	-1.973	-2.230	-2.304	-2.147	-1.848	-1.432	-1.036
411	4.10	-0.768	-0.714	-0.891	-1.250	-1.691	-2.083	-2.303	-2.263	-1.938	-1.370
421	4.20	-0.661	0.048	0.610	0.912	0.897	0.590	0.083	-0.488	-0.982	-1.298
431	4.30	-1.396	-1.307	-1.110	-0.894	-0.731	-0.645	-0.620	-0.612	-0.583	-0.514
441	4.40	-0.417	-0.323	-0.260	-0.241	-0.256	-0.282	-0.295	-0.289	-0.272	-0.264
451	4.50	-0.277	-0.305	-0.323	-0.295	-0.192	-0.006	0.248	0.537	0.828	1.098
461	4.60	1.342	1.564	1.773	1.971	2.148	2.293	2.389	2.423	2.375	2.221
471	4.70	1.935	1.504	0.944	0.328	-0.225	-0.572	-0.597	-0.265	0.344	1.045
481	4.80	1.601	1.808	1.568	0.930	0.071	-0.775	-1.406	-1.720	-1.739	-1.577
491	4.90	-1.371	-1.216	-1.130	-1.064	-0.952	-0.757	-0.506	-0.278	-0.162	-0.209

Table 7−77−2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1269 206-GR-1-50 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = -6.293 (GAL) T= 16.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.406	-0.682	-0.947	-1.139	-1.251	-1.327	-1.426	-1.578	-1.759	-1.895
511	5.10	-1.906	-1.752	-1.466	-1.152	-0.941	-0.933	-1.155	-1.539	-1.956	-2.262
521	5.20	-2.355	-2.207	-1.857	-1.389	-0.891	-0.428	-0.034	0.274	0.489	0.598
531	5.30	0.597	0.499	0.351	0.230	0.226	0.409	0.805	1.383	2.065	2.748
541	5.40	3.335	3.757	3.979	4.000	3.842	3.540	3.143	2.704	2.278	1.908
551	5.50	1.612	1.372	1.141	0.855	0.469	-0.022	-0.565	-1.057	-1.377	-1.427
561	5.60	-1.167	-0.632	0.071	0.797	1.403	1.786	1.909	1.805	1.561	1.285
571	5.70	1.077	0.996	1.052	1.207	1.398	1.560	1.659	1.697	1.709	1.737
581	5.80	1.804	1.888	1.925	1.826	1.518	0.981	0.266	-0.508	-1.194	-1.663
591	5.90	-1.847	-1.756	-1.464	-1.082	-0.709	-0.406	-0.187	-0.029	0.105	0.250
601	6.00	0.424	0.629	0.859	1.102	1.337	1.533	1.653	1.659	1.529	1.278
611	6.10	0.955	0.636	0.390	0.253	0.209	0.194	0.122	-0.078	-0.434	-0.918
621	6.20	-1.469	-2.014	-2.496	-2.884	-3.162	-3.309	-3.288	-3.048	-2.555	-1.830
631	6.30	-0.963	-0.115	0.526	0.802	0.639	0.069	-0.781	-1.736	-2.625	-3.321
641	6.40	-3.751	-3.878	-3.683	-3.148	-2.271	-1.095	0.266	1.628	2.770	3.495
651	6.50	3.696	3.387	2.694	1.799	0.865	-0.024	-0.873	-1.741	-2.678	-3.657
661	6.60	-4.557	-5.195	-5.395	-5.067	-4.259	-3.147	-1.970	-0.947	-0.200	0.274
671	6.70	0.578	0.846	1.172	1.567	1.960	2.245	2.342	2.248	2.037	1.836
681	6.80	1.763	1.878	2.157	2.507	2.806	2.952	2.889	2.615	2.158	1.557
691	6.90	0.837	0.022	-0.847	-1.697	-2.414	-2.866	-2.950	-2.630	-1.965	-1.096
701	7.00	-0.204	0.551	1.078	1.373	1.498	1.536	1.538	1.502	1.375	1.094
711	7.10	0.629	0.018	-0.638	-1.209	-1.591	-1.746	-1.715	-1.597	-1.497	-1.477
721	7.20	-1.533	-1.598	-1.585	-1.430	-1.126	-0.728	-0.319	0.026	0.276	0.451
731	7.30	0.605	0.784	0.999	1.208	1.335	1.302	1.069	0.649	0.110	-0.459
741	7.40	-0.975	-1.385	-1.669	-1.829	-1.865	-1.773	-1.540	-1.174	-0.714	-0.241
751	7.50	0.136	0.318	0.251	-0.049	-0.493	-0.947	-1.275	-1.383	-1.243	-0.903
761	7.60	-0.462	-0.045	0.234	0.299	0.133	-0.223	-0.666	-1.057	-1.242	-1.097
771	7.70	-0.560	0.339	1.473	2.655	3.682	4.400	4.751	4.780	4.615	4.413
781	7.80	4.295	4.314	4.444	4.603	4.697	4.654	4.437	4.042	3.472	2.727
791	7.90	1.807	0.724	-0.469	-1.676	-2.777	-3.661	-4.279	-4.661	-4.908	-5.142
801	8.00	-5.443	-5.800	-6.101	-6.172	-5.851	-5.059	-3.843	-2.368	-0.864	0.454
811	8.10	1.448	2.082	2.403	2.496	2.435	2.259	1.976	1.598	1.162	0.745
821	8.20	0.439	0.315	0.385	0.586	0.804	0.919	0.856	0.618	0.281	-0.039
831	8.30	-0.238	-0.269	-0.153	0.030	0.188	0.249	0.192	0.046	-0.126	-0.257
841	8.40	-0.296	-0.218	-0.013	0.314	0.757	1.304	1.922	2.553	3.106	3.475
851	8.50	3.560	3.301	2.701	1.835	0.845	-0.096	-0.822	-1.217	-1.243	-0.954
861	8.60	-0.478	0.013	0.355	0.427	0.188	-0.325	-1.013	-1.748	-2.411	-2.919
871	8.70	-3.236	-3.363	-3.325	-3.152	-2.876	-2.529	-2.149	-1.774	-1.446	-1.189
881	8.80	-1.003	-0.862	-0.726	-0.558	-0.341	-0.084	0.190	0.465	0.747	1.070
891	8.90	1.477	1.985	2.561	3.113	3.511	3.634	3.417	2.885	2.148	1.357
901	9.00	0.650	0.106	-0.276	-0.550	-0.779	-0.993	-1.172	-1.257	-1.195	-0.981
911	9.10	-0.678	-0.391	-0.229	-0.242	-0.400	-0.596	-0.694	-0.591	-0.264	0.218
921	9.20	0.728	1.130	1.337	1.336	1.180	0.954	0.733	0.556	0.425	0.325
931	9.30	0.246	0.199	0.211	0.303	0.467	0.661	0.820	0.879	0.800	0.586
941	9.40	0.276	-0.081	-0.449	-0.816	-1.192	-1.587	-1.993	-2.374	-2.673	-2.838
951	9.50	-2.848	-2.727	-2.539	-2.362	-2.260	-2.255	-2.317	-2.378	-2.354	-2.173
961	9.60	-1.793	-1.214	-0.472	0.368	1.221	1.999	2.617	3.012	3.152	3.051
971	9.70	2.767	2.385	2.000	1.685	1.470	1.339	1.242	1.118	0.923	0.654
981	9.80	0.341	0.043	-0.179	-0.289	-0.283	-0.201	-0.106	-0.075	-0.176	-0.452
991	9.90	-0.909	-1.515	-2.197	-2.849	-3.355	-3.603	-3.519	-3.081	-2.339	-1.407

Table 7-77-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1269 206-GR-1-50 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = -6.293 (GAL) T= 16.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.443	0.388	0.949	1.170	1.062	0.716	0.271	-0.123	-0.353	-0.377
1011	10.10	-0.231	-0.017	0.142	0.149	-0.029	-0.345	-0.690	-0.938	-0.998	-0.859
1021	10.20	-0.594	-0.338	-0.232	-0.367	-0.742	-1.270	-1.801	-2.186	-2.322	-2.178
1031	10.30	-1.790	-1.222	-0.533	0.247	1.113	2.060	3.050	3.996	4.780	5.285
1041	10.40	5.443	5.258	4.809	4.212	3.572	2.941	2.309	1.624	0.841	-0.038
1051	10.50	-0.950	-1.780	-2.412	-2.768	-2.853	-2.696	-2.424	-2.121	-1.842	-1.606
1061	10.60	-1.406	-1.241	-1.124	-1.084	-1.134	-1.246	-1.338	-1.294	-1.010	-0.441
1071	10.70	0.364	1.267	2.087	2.663	2.914	2.866	2.630	2.350	2.138	2.035
1081	10.80	1.997	1.933	1.746	1.385	0.861	0.249	-0.383	-0.923	-1.323	-1.554
1091	10.90	-1.609	-1.488	-1.196	-0.748	-0.186	0.418	0.973	1.394	1.630	1.686
1101	11.00	1.622	1.522	1.458	1.456	1.475	1.432	1.235	0.832	0.240	-0.453
1111	11.10	-1.111	-1.597	-1.815	-1.738	-1.406	-0.905	-0.325	0.260	0.808	1.303
1121	11.20	1.735	2.083	2.308	2.363	2.215	1.864	1.354	0.762	0.170	-0.363
1131	11.30	-0.822	-1.241	-1.671	-2.147	-2.646	-3.083	-3.325	-3.244	-2.778	-1.973
1141	11.40	-0.990	-0.057	0.604	0.862	0.718	0.312	-0.149	-0.472	-0.567	-0.480
1151	11.50	-0.366	-0.408	-0.722	-1.289	-1.945	-2.442	-2.554	-2.169	-1.345	-0.291
1161	11.60	0.715	1.427	1.721	1.624	1.286	0.902	0.630	0.546	0.630	0.807
1171	11.70	0.995	1.145	1.247	1.312	1.341	1.304	1.149	0.829	0.335	-0.283
1181	11.80	-0.929	-1.489	-1.877	-2.065	-2.080	-1.986	-1.843	-1.680	-1.492	-1.257
1191	11.90	-0.971	-0.659	-0.379	-0.188	-0.109	-0.101	-0.074	0.081	0.430	0.957
1201	12.00	1.547	2.030	2.234	2.062	1.534	0.777	-0.015	-0.656	-1.033	-1.140
1211	12.10	-1.060	-0.923	-0.844	-0.885	-1.032	-1.225	-1.384	-1.457	-1.431	-1.332
1221	12.20	-1.201	-1.066	-0.927	-0.756	-0.511	-0.166	0.276	0.778	1.277	1.713
1231	12.30	2.050	2.297	2.503	2.741	3.073	3.527	4.067	4.601	5.002	5.147
1241	12.40	4.956	4.423	3.624	2.688	1.762	0.957	0.325	-0.161	-0.573	-1.000
1251	12.50	-1.500	-2.080	-2.689	-3.243	-3.660	-3.881	-3.893	-3.718	-3.406	-3.015
1261	12.60	-2.605	-2.240	-1.986	-1.908	-2.051	-2.414	-2.928	-3.461	-3.835	-3.884
1271	12.70	-3.505	-2.698	-1.570	-0.305	0.901	1.890	2.587	2.993	3.165	3.169
1281	12.80	3.049	2.823	2.496	2.085	1.632	1.200	0.844	0.581	0.379	0.166
1291	12.90	-0.125	-0.512	-0.942	-1.298	-1.452	-1.332	-0.968	-0.503	-0.146	-0.094
1301	13.00	-0.450	-1.173	-2.090	-2.957	-3.542	-3.703	-3.419	-2.781	-1.935	-1.028
1311	13.10	-0.167	0.585	1.195	1.634	1.863	1.850	1.595	1.155	0.645	0.211
1321	13.20	-0.026	-0.015	0.195	0.477	0.668	0.635	0.327	-0.210	-0.854	-1.655
1331	13.30	-1.887	-2.082	-2.036	-1.792	-1.413	-0.958	-0.475	-0.004	0.415	0.744
1341	13.40	0.955	1.042	1.035	0.993	0.980	1.046	1.196	1.388	1.547	1.597
1351	13.50	1.492	1.230	0.851	0.417	-0.018	-0.424	-0.798	-1.146	-1.464	-1.722
1361	13.60	-1.870	-1.862	-1.678	-1.350	-0.959	-0.608	-0.379	-0.302	-0.331	-0.365
1371	13.70	-0.280	0.013	0.528	1.195	1.877	2.418	2.695	2.659	2.351	1.882
1381	13.80	1.400	1.045	0.919	1.064	1.471	2.082	2.813	3.560	4.213	4.667
1391	13.90	4.842	4.695	4.241	3.553	2.745	1.944	1.251	0.708	0.295	-0.059
1401	14.00	-0.440	-0.910	-1.480	-2.108	-2.721	-3.238	-3.605	-3.793	-3.798	-3.612
1411	14.10	-3.216	-2.578	-1.682	-0.553	0.715	1.972	3.038	3.763	4.077	4.010
1421	14.20	3.679	3.238	2.813	2.452	2.117	1.711	1.132	0.336	-0.638	-1.676
1431	14.30	-2.628	-3.365	-3.825	-4.020	-4.016	-3.892	-3.698	-3.439	-3.084	-2.601
1441	14.40	-1.994	-1.316	-0.668	-0.163	0.113	0.134	-0.058	-0.374	-0.714	-1.001
1451	14.50	-1.211	-1.367	-1.517	-1.698	-1.908	-2.092	-2.156	-2.000	-1.560	-0.841
1461	14.60	0.066	1.009	1.806	2.306	2.430	2.201	1.734	1.203	0.785	0.610
1471	14.70	0.721	1.073	1.553	2.020	2.350	2.466	2.345	2.014	1.525	0.938
1481	14.80	0.307	-0.326	-0.924	-1.454	-1.888	-2.207	-2.405	-2.487	-2.466	-2.348
1491	14.90	-2.126	-1.775	-1.264	-0.575	0.280	1.248	2.234	3.123	3.808	4.212

Table 7-77-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1269 206-GR-1-50 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = -6.293 (GAL) T= 16.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	4.314	4.145	3.780	3.315	2.837	2.410	2.059	1.776	1.529	1.281
1511	15.10	1.007	0.704	0.394	0.110	-0.114	-0.267	-0.366	-0.458	-0.606	-0.861
1521	15.20	-1.242	-1.726	-2.246	-2.714	-3.052	-3.213	-3.200	-3.057	-2.854	-2.660
1531	15.30	-2.515	-2.424	-2.356	-2.259	-2.076	-1.764	-1.306	-0.714	-0.039	0.643
1541	15.40	1.236	1.642	1.784	1.628	1.195	0.567	-0.141	-0.804	-1.327	-1.666
1551	15.50	-1.826	-1.848	-1.776	-1.630	-1.398	-1.049	-0.564	0.040	0.689	1.275
1561	15.60	1.684	1.841	1.741	1.455	1.098	0.792	0.616	0.588	0.666	0.776
1571	15.70	0.854	0.863	0.805	0.698	0.557	0.370	0.103	-0.280	-0.790	-1.390
1581	15.80	-1.998	-2.509	-2.836	-2.940	-2.841	-2.607	-2.321	-2.038	-1.770	-1.484
1591	15.90	-1.132	-0.683	-0.141	0.446	1.017	1.518	1.931	2.271	2.572	2.852
1601	16.00	3.098	3.263	3.295	3.165	2.898	2.567	2.271	2.087	2.032	2.056
1611	16.10	2.061	1.954	1.698	1.335	0.975	0.745	0.733	0.937	1.264	1.560
1621	16.20	1.668	1.489	1.005	0.278	-0.597	-1.524	-2.445	-3.333	-4.178	-4.955
1631	16.30	-5.612	-6.078	-6.293	-6.232	-5.926	-5.448	-4.887	-4.310	-3.747	-3.188
1641	16.40	-2.607	-1.994	-1.371	-0.785	-0.292	0.076	0.320	0.479	0.595	0.696
1651	16.50	0.771	0.784	0.696	0.498	0.229	-0.027	-0.170	-0.126	0.124	0.534
1661	16.60	1.013	1.458	1.785	1.957	1.983	1.900	1.760	1.608	1.482	1.407
1671	16.70	1.403	1.480	1.630	1.829	2.034	2.203	2.308	2.350	2.361	2.382
1681	16.80	2.438	2.515	2.556	2.471	2.177	1.631	0.860	-0.044	-0.943	-1.696
1691	16.90	-2.200	-2.403	-2.331	-2.032	-1.586	-1.058	-0.494	0.087	0.684	1.301
1701	17.00	1.932	2.556	3.132	3.606	3.921	4.036	3.946	3.687	3.335	2.992
1711	17.10	2.753	2.678	2.772	2.983	3.221	3.389	3.412	3.253	2.915	2.430
1721	17.20	1.841	1.192	0.531	-0.093	-0.623	-1.005	-1.209	-1.245	-1.179	-1.114
1731	17.30	-1.162	-1.399	-1.836	-2.405	-2.988	-3.460	-3.732	-3.785	-3.668	-3.469
1741	17.40	-3.274	-3.135	-3.062	-3.030	-3.008	-2.972	-2.919	-2.850	-2.755	-2.602
1751	17.50	-2.346	-1.947	-1.402	-0.760	-0.117	0.413	0.729	0.783	0.587	0.205
1761	17.60	-0.277	-0.782	-1.261	-1.698	-2.094	-2.452	-2.762	-3.000	-3.133	-3.136
1771	17.70	-2.992	-2.703	-2.282	-1.754	-1.158	-0.547	0.015	0.457	0.724	0.790
1781	17.80	0.679	0.460	0.224	0.059	0.015	0.087	0.224	0.357	0.430	0.429
1791	17.90	0.392	0.385	0.472	0.683	0.989	1.313	1.558	1.642	1.533	1.262
1801	18.00	0.911	0.586	0.370	0.301	0.357	0.470	0.556	0.557	0.463	0.326
1811	18.10	0.238	0.297	0.558	1.009	1.558	2.063	2.375	2.399	2.119	1.614
1821	18.20	1.022	0.486	0.104	-0.109	-0.220	-0.338	-0.567	-0.964	-1.510	-2.129
1831	18.30	-2.718	-3.184	-3.469	-3.549	-3.420	-3.081	-2.523	-1.747	-0.787	0.267
1841	18.40	1.271	2.059	2.490	2.507	2.164	1.615	1.065	0.697	0.613	0.802
1851	18.50	1.156	1.520	1.756	1.788	1.620	1.317	0.967	0.642	0.377	0.169
1861	18.60	0.003	-0.131	-0.216	-0.215	-0.088	0.187	0.599	1.100	1.618	2.076
1871	18.70	2.413	2.592	2.608	2.478	2.238	1.924	1.570	1.198	0.817	0.422
1881	18.80	0.002	-0.451	-0.929	-1.406	-1.840	-2.179	-2.390	-2.462	-2.423	-2.325
1891	18.90	-2.224	-2.156	-2.115	-2.052	-1.887	-1.543	-0.975	-0.192	0.736	1.701
1901	19.00	2.579	3.264	3.696	3.864	3.803	3.580	3.271	2.943	2.644	2.398
1911	19.10	2.208	2.060	1.942	1.863	1.763	1.712	1.699	1.724	1.766	1.783
1921	19.20	1.721	1.528	1.180	0.692	0.124	-0.436	-0.896	-1.185	-1.284	-1.221
1931	19.30	-1.067	-0.908	-0.819	-0.847	-1.001	-1.261	-1.588	-1.940	-2.279	-2.576
1941	19.40	-2.810	-2.963	-3.023	-2.988	-2.863	-2.667	-2.427	-2.170	-1.915	-1.670
1951	19.50	-1.431	-1.186	-0.924	-0.637	-0.332	-0.024	0.266	0.516	0.707	0.831
1961	19.60	0.891	0.901	0.883	0.863	0.858	0.876	0.911	0.944	0.952	0.916
1971	19.70	0.831	0.702	0.538	0.344	0.107	-0.204	-0.625	-1.182	-1.872	-2.652
1981	19.80	-3.450	-4.180	-4.770	-5.184	-5.427	-5.534	-5.547	-5.492	-5.372	-5.169
1991	19.90	-4.862	-4.651	-3.961	-3.437	-2.919	-2.426	-1.939	-1.411	-0.798	-0.082

Table 7-77-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1269 206-GR-1-50 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = -6.293 (GAL) T= 16.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.704	1.482	2.156	2.650	2.938	3.054	3.071	3.069	3.091	3.133
2011	20.10	3.150	3.082	2.897	2.605	2.265	1.951	1.729	1.625	1.616	1.663
2021	20.20	1.719	1.758	1.781	1.801	1.821	1.819	1.754	1.583	1.286	0.891
2031	20.30	0.470	0.120	-0.075	-0.072	0.114	0.418	0.756	1.045	1.232	1.294
2041	20.40	1.240	1.093	0.890	0.677	0.512	0.452	0.541	0.786	1.147	1.535
2051	20.50	1.844	1.993	1.958	1.793	1.605	1.515	1.596	1.843	2.168	2.442
2061	20.60	2.545	2.422	2.098	1.663	1.221	0.849	0.561	0.323	0.079	-0.208
2071	20.70	-0.533	-0.854	-1.123	-1.318	-1.461	-1.611	-1.828	-2.141	-2.524	-2.905
2081	20.80	-3.202	-3.366	-3.400	-3.364	-3.337	-3.376	-3.488	-3.624	-3.711	-3.691
2091	20.90	-3.557	-3.355	-3.161	-3.035	-2.985	-2.954	-2.841	-2.550	-2.035	-1.328
2101	21.00	-0.532	0.221	0.812	1.180	1.331	1.328	1.250	1.160	1.084	1.010
2111	21.10	0.908	0.750	0.531	0.270	0.004	-0.230	-0.405	-0.511	-0.552	-0.540
2121	21.20	-0.489	-0.407	-0.299	-0.170	-0.022	0.142	0.326	0.537	0.792	1.107
2131	21.30	1.493	1.951	2.461	2.984	3.468	3.850	4.075	4.102	3.916	3.534
2141	21.40	3.000	2.383	1.766	1.232	0.853	0.676	0.715	0.944	1.298	1.687
2151	21.50	2.007	2.171	2.124	1.867	1.451	0.959	0.680	0.074	-0.245	-0.515
2161	21.60	-0.797	-1.146	-1.575	-2.038	-2.448	-2.707	-2.748	-2.571	-2.243	-1.876
2171	21.70	-1.580	-1.424	-1.401	-1.440	-1.437	-1.298	-0.980	-0.505	0.052	0.598
2181	21.80	1.064	1.428	1.719	2.002	2.336	2.747	3.209	3.640	3.933	3.986
2191	21.90	3.736	3.185	2.403	1.511	0.647	-0.066	-0.561	-0.834	-0.942	-0.972
2201	22.00	-1.009	-1.100	-1.238	-1.371	-1.429	-1.362	-1.168	-0.902	-0.659	-0.535
2211	22.10	-0.594	-0.843	-1.229	-1.671	-2.087	-2.427	-2.690	-2.911	-3.139	-3.408
2221	22.20	-3.718	-4.036	-4.308	-4.479	-4.510	-4.384	-4.101	-3.667	-3.088	-2.373
2231	22.30	-1.542	-0.635	0.286	1.141	1.854	2.378	2.712	2.904	3.038	3.201
2241	22.40	3.451	3.791	4.164	4.469	4.595	4.459	4.034	3.366	2.553	1.723
2251	22.50	0.992	0.437	0.088	-0.070	-0.073	0.042	0.250	0.536	0.887	1.277
2261	22.60	1.660	1.980	2.185	2.250	2.175	1.994	1.748	1.465	1.151	0.789
2271	22.70	0.361	-0.134	-0.666	-1.177	-1.608	-1.917	-2.107	-2.219	-2.315	-2.439
2281	22.80	-2.595	-2.747	-2.831	-2.797	-2.636	-2.390	-2.131	-1.928	-1.805	-1.730
2291	22.90	-1.623	-1.399	-1.009	-0.470	0.140	0.715	1.153	1.411	1.491	1.435
2301	23.00	1.286	1.064	0.762	0.364	-0.126	-0.659	-1.145	-1.484	-1.609	-1.524
2311	23.10	-1.306	-1.086	-0.987	-1.081	-1.351	-1.706	-2.019	-2.182	-2.154	-1.976
2321	23.20	-1.753	-1.609	-1.643	-1.889	-2.312	-2.823	-3.303	-3.646	-3.776	-3.664
2331	23.30	-3.327	-2.820	-2.224	-1.617	-1.067	-0.602	-0.213	0.143	0.521	0.962
2341	23.40	1.465	1.981	2.429	2.721	2.803	2.679	2.413	2.107	1.866	1.754
2351	23.50	1.779	1.900	2.049	2.168	2.237	2.281	2.348	2.489	2.725	3.036
2361	23.60	3.367	3.643	3.802	3.805	3.653	3.370	2.998	2.577	2.138	1.699
2371	23.70	1.269	0.854	0.459	0.097	-0.216	-0.461	-0.624	-0.699	-0.702	-0.669
2381	23.80	-0.652	-0.709	-0.881	-1.171	-1.538	-1.902	-2.170	-2.269	-2.177	-1.937
2391	23.90	-1.641	-1.389	-1.250	-1.223	-1.233	-1.162	-0.894	-0.378	0.350	1.162
2401	24.00	1.885	2.357	2.487	2.282	1.839	1.304	0.814	0.452	0.226	0.086
2411	24.10	-0.049	-0.242	-0.519	-0.858	-1.205	-1.503	-1.705	-1.790	-1.757	-1.616
2421	24.20	-1.383	-1.077	-0.731	-0.392	-0.121	0.025	0.012	-0.145	-0.383	-0.605
2431	24.30	-0.712	-0.641	-0.393	-0.030	0.345	0.632	0.770	0.762	0.667	0.573
2441	24.40	0.554	0.641	0.806	0.982	1.062	1.042	0.834	0.477	0.023	-0.461
2451	24.50	-0.912	-1.279	-1.529	-1.648	-1.638	-1.520	-1.338	-1.148	-1.008	-0.956
2461	24.60	-0.991	-1.071	-1.122	-1.069	-0.861	-0.504	-0.056	0.389	0.741	0.943
2471	24.70	0.995	0.949	0.880	0.852	0.893	0.985	1.078	1.119	1.079	0.964
2481	24.80	0.815	0.684	0.615	0.625	0.704	0.823	0.955	1.080	1.194	1.301
2491	24.90	1.403	1.498	1.573	1.617	1.626	1.612	1.598	1.612	1.673	1.783

Table 7-77-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1269 206-GR-1-50 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = -6.293 (GAL) T= 16.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.918	2.039	2.096	2.048	1.872	1.573	1.186	0.765	0.374	0.068
2511	25.10	-0.123	-0.203	-0.211	-0.206	-0.246	-0.366	-0.559	-0.782	-0.970	-1.065
2521	25.20	-1.040	-0.920	-0.771	-0.682	-0.733	-0.966	-1.376	-1.909	-2.486	-3.021
2531	25.30	-3.436	-3.677	-3.706	-3.518	-3.121	-2.562	-1.919	-1.292	-0.785	-0.476
2541	25.40	-0.385	-0.466	-0.614	-0.703	-0.628	-0.348	0.099	0.609	1.046	1.294
2551	25.50	1.288	1.033	0.589	0.049	-0.499	-0.985	-1.368	-1.627	-1.753	-1.744
2561	25.60	-1.608	-1.365	-1.053	-0.719	-0.405	-0.130	0.118	0.378	0.699	1.111
2571	25.70	1.604	2.121	2.575	2.875	2.960	2.817	2.490	2.059	1.612	1.215
2581	25.80	0.896	0.645	0.426	0.203	-0.042	-0.296	-0.519	-0.659	-0.669	-0.526
2591	25.90	-0.239	0.153	0.588	0.999	1.328	1.544	1.643	1.647	1.597	1.535
2601	26.00	1.493	1.482	1.496	1.511	1.505	1.457	1.362	1.224	1.055	0.862
2611	26.10	0.645	0.399	0.120	-0.188	-0.509	-0.814	-1.070	-1.256	-1.371	-1.434
2621	26.20	-1.480	-1.546	-1.667	-1.776	-1.899	-1.972	-1.960	-1.854	-1.679	-1.487
2631	26.30	-1.339	-1.284	-1.344	-1.504	-1.724	-1.950	-2.132	-2.236	-2.245	-2.158
2641	26.40	-1.987	-1.753	-1.488	-1.233	-1.038	-0.949	-0.997	-1.182	-1.470	-1.798
2651	26.50	-2.090	-2.282	-2.338	-2.262	-2.096	-1.872	-1.655	-1.472	-1.331	-1.226
2661	26.60	-1.145	-1.071	-0.991	-0.893	-0.761	-0.584	-0.359	-0.102	0.157	0.378
2671	26.70	0.529	0.604	0.629	0.659	0.752	0.949	1.247	1.601	1.945	2.212
2681	26.80	2.369	2.420	2.400	2.348	2.280	2.183	2.020	1.764	1.422	1.050
2691	26.90	0.738	0.576	0.613	0.827	1.129	1.395	1.509	1.417	1.136	0.748
2701	27.00	0.361	0.061	-0.116	-0.194	-0.234	-0.305	-0.450	-0.671	-0.934	-1.185
2711	27.10	-1.372	-1.455	-1.417	-1.257	-0.995	-0.667	-0.327	-0.042	0.122	0.122
2721	27.20	-0.043	-0.314	-0.587	-0.741	-0.676	-0.356	0.181	0.829	1.451	1.928
2731	27.30	2.188	2.225	2.083	1.830	1.525	1.201	0.870	0.539	0.223	-0.042
2741	27.40	-0.210	-0.249	-0.158	0.024	0.224	0.369	0.409	0.347	0.235	0.152
2751	27.50	0.171	0.329	0.609	0.951	1.276	1.524	1.679	1.770	1.860	2.012
2761	27.60	2.257	2.580	2.915	3.178	3.292	3.215	2.961	2.589	2.179	1.808
2771	27.70	1.527	1.346	1.245	1.195	1.170	1.166	1.196	1.284	1.440	1.656
2781	27.80	1.894	2.107	2.245	2.283	2.219	2.078	1.892	1.681	1.441	1.146
2791	27.90	0.755	0.241	-0.395	-1.109	-1.825	-2.451	-2.913	-3.170	-3.226	-3.123
2801	28.00	-2.924	-2.684	-2.439	-2.201	-1.965	-1.723	-1.478	-1.249	-1.061	-0.936
2811	28.10	-0.882	-0.887	-0.927	-0.978	-1.030	-1.093	-1.187	-1.331	-1.522	-1.731
2821	28.20	-1.899	-1.967	-1.894	-1.683	-1.385	-1.089	-0.890	-0.859	-1.010	-1.300
2831	28.30	-1.638	-1.916	-2.044	-1.974	-1.711	-1.304	-0.828	-0.361	0.034	0.319
2841	28.40	0.478	0.520	0.472	0.370	0.262	0.187	0.171	0.211	0.270	0.287
2851	28.50	0.192	-0.060	-0.465	-0.961	-1.460	-1.777	-1.878	-1.713	-1.333	-0.851
2861	28.60	-0.406	-0.112	-0.014	-0.078	-0.205	-0.272	-0.179	0.110	0.557	1.066
2871	28.70	1.520	1.815	1.900	1.777	1.496	1.130	0.755	0.427	0.177	0.013
2881	28.80	-0.075	-0.113	-0.140	-0.205	-0.360	-0.648	-1.084	-1.642	-2.253	-2.816
2891	28.90	-3.224	-3.397	-3.314	-3.020	-2.620	-2.244	-2.009	-1.972	-2.118	-2.358
2901	29.00	-2.565	-2.613	-2.425	-1.998	-1.407	-0.780	-0.258	0.054	0.115	-0.040
2911	29.10	-0.313	-0.579	-0.724	-0.675	-0.418	0.013	0.550	1.116	1.649	2.104
2921	29.20	2.461	2.714	2.867	2.938	2.953	2.955	2.991	3.099	3.288	3.523
2931	29.30	3.727	3.794	3.628	3.175	2.454	1.559	0.630	-0.182	-0.766	-1.081
2941	29.40	-1.159	-1.081	-0.945	-0.824	-0.754	-0.729	-0.726	-0.726	-0.732	-0.770
2951	29.50	-0.871	-1.054	-1.314	-1.621	-1.932	-2.210	-2.437	-2.614	-2.750	-2.844
2961	29.60	-2.876	-2.807	-2.590	-2.199	-1.637	-0.956	-0.215	0.482	1.066	1.490
2971	29.70	1.736	1.813	1.745	1.561	1.295	0.986	0.678	0.416	0.237	0.159
2981	29.80	0.171	0.235	0.297	0.304	0.229	0.074	-0.124	-0.308	-0.418	-0.401
2991	29.90	-0.232	0.090	0.542	1.079	1.646	2.180	2.629	2.960	3.169	3.287

Table 7-77-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1269 206-GR-1-50 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = -6.293 (GAL) T= 16.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	3.363	3.455	3.596	3.784	3.971	4.088	4.068	3.876	3.531	3.097
3011	30.10	2.660	2.288	2.010	1.803	1.615	1.392	1.115	0.808	0.526	0.328
3021	30.20	0.235	0.217	0.200	0.097	-0.146	-0.521	-0.957	-1.346	-1.588	-1.636
3031	30.30	-1.513	-1.297	-1.091	-0.971	-0.960	-1.021	-1.082	-1.068	-0.931	-0.667
3041	30.40	-0.307	0.101	0.511	0.886	1.196	1.414	1.504	1.439	1.210	0.847
3051	30.50	0.418	0.020	-0.261	-0.382	-0.361	-0.280	-0.246	-0.359	-0.652	-1.093
3061	30.60	-1.590	-2.029	-2.318	-2.419	-2.353	-2.182	-1.975	-1.781	-1.615	-1.463
3071	30.70	-1.300	-1.115	-0.921	-0.747	-0.621	-0.559	-0.545	-0.545	-0.513	-0.417
3081	30.80	-0.248	-0.024	0.219	0.439	0.605	0.696	0.704	0.632	0.483	0.266
3091	30.90	-0.002	-0.292	-0.561	-0.760	-0.844	-0.786	-0.586	-0.277	0.088	0.448
3101	31.00	0.745	0.948	1.045	1.053	1.002	0.923	0.844	0.778	0.722	0.662
3111	31.10	0.576	0.444	0.250	-0.010	-0.326	-0.675	-1.023	-1.329	-1.554	-1.668
3121	31.20	-1.657	-1.531	-1.322	-1.085	-0.882	-0.771	-0.788	-0.939	-1.191	-1.484
3131	31.30	-1.743	-1.901	-1.916	-1.783	-1.535	-1.228	-0.923	-0.668	-0.490	-0.386
3141	31.40	-0.336	-0.313	-0.297	-0.277	-0.251	-0.222	-0.187	-0.138	-0.067	0.030
3151	31.50	0.142	0.242	0.297	0.275	0.171	0.008	-0.160	-0.265	-0.253	-0.103
3161	31.60	0.160	0.470	0.766	0.920	0.963	0.892	0.759	0.628	0.539	0.498
3171	31.70	0.469	0.402	0.256	0.024	-0.256	-0.521	-0.701	-0.754	-0.677	-0.506
3181	31.80	-0.288	-0.061	0.167	0.417	0.722	1.100	1.532	1.958	2.295	2.465
3191	31.90	2.428	2.196	1.825	1.396	0.975	0.591	0.231	-0.145	-0.575	-1.066
3201	32.00	-1.582	-2.050	-2.387	-2.536	-2.493	-2.311	-2.088	-1.932	-1.921	-2.078
3211	32.10	-2.357	-2.663	-2.882	-2.920	-2.731	-2.333	-1.792	-1.203	-0.653	-0.200
3221	32.20	0.141	0.389	0.578	0.739	0.883	1.000	1.070	1.078	1.021	0.914
3231	32.30	0.780	0.637	0.494	0.343	0.175	-0.005	-0.174	-0.287	-0.293	-0.161
3241	32.40	0.106	0.460	0.826	1.123	1.301	1.351	1.315	1.260	1.249	1.316
3251	32.50	1.450	1.608	1.736	1.798	1.792	1.752	1.725	1.749	1.830	1.930
3261	32.60	1.983	1.922	1.710	1.358	0.931	0.530	0.258	0.190	0.343	0.677
3271	32.70	1.104	1.519	1.828	1.973	1.943	1.765	1.486	1.152	0.793	0.421
3281	32.80	0.032	-0.374	-0.788	-1.180	-1.513	-1.769	-1.869	-1.879	-1.807	-1.695
3291	32.90	-1.581	-1.487	-1.411	-1.337	-1.237	-1.091	-0.890	-0.639	-0.354	-0.057
3301	33.00	0.235	0.510	0.762	0.993	1.212	1.432	1.664	1.913	2.163	2.378
3311	33.10	2.506	2.489	2.289	1.902	1.371	0.775	0.207	-0.255	-0.574	-0.760
3321	33.20	-0.862	-0.938	-1.025	-1.128	-1.212	-1.230	-1.142	-0.941	-0.652	-0.327
3331	33.30	-0.019	0.233	0.409	0.504	0.512	0.419	0.202	-0.155	-0.643	-1.219
3341	33.40	-1.807	-2.324	-2.704	-2.929	-3.025	-3.050	-3.063	-3.089	-3.110	-3.074
3351	33.50	-2.920	-2.616	-2.178	-1.669	-1.174	-0.767	-0.476	-0.281	-0.119	0.074
3361	33.60	0.341	0.676	1.033	1.348	1.566	1.670	1.681	1.649	1.625	1.634
3371	33.70	1.669	1.690	1.665	1.496	1.237	0.894	0.518	0.163	-0.129	-0.338
3381	33.80	-0.470	-0.537	-0.554	-0.526	-0.451	-0.329	-0.171	-0.002	0.139	0.217
3391	33.90	0.210	0.125	-0.003	-0.120	-0.174	-0.134	0.002	0.206	0.433	0.637
3401	34.00	0.792	0.892	0.949	0.982	1.004	1.014	1.002	0.954	0.864	0.734
3411	34.10	0.573	0.393	0.195	-0.026	-0.276	-0.550	-0.824	-1.053	-1.187	-1.186
3421	34.20	-1.043	-0.786	-0.478	-0.189	0.024	0.138	0.167	0.151	0.132	0.139
3431	34.30	0.172	0.215	0.246	0.255	0.252	0.260	0.301	0.381	0.479	0.559
3441	34.40	0.579	0.511	0.354	0.133	-0.114	-0.353	-0.561	-0.734	-0.872	-0.971
3451	34.50	-1.019	-0.990	-0.865	-0.636	-0.322	0.038	0.398	0.722	0.991	1.212
3461	34.60	1.398	1.563	1.703	1.803	1.839	1.800	1.693	1.543	1.382	1.232
3471	34.70	1.092	0.940	0.749	0.506	0.226	-0.046	-0.252	-0.345	-0.320	-0.216
3481	34.80	-0.109	-0.081	-0.190	-0.447	-0.816	-1.230	-1.620	-1.946	-2.201	-2.405
3491	34.90	-2.588	-2.759	-2.898	-2.960	-2.895	-2.670	-2.239	-1.801	-1.281	-0.810

Table 7-77-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1269 206-GR-1-50 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = -6.293 (GAL) T= 16.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.450	-0.223	-0.113	-0.073	-0.044	0.021	0.146	0.327	0.536	0.734
3511	35.10	0.887	0.979	1.010	0.999	0.974	0.954	0.948	0.946	0.927	0.871
3521	35.20	0.764	0.609	0.423	0.226	0.037	-0.140	-0.310	-0.479	-0.651	-0.811
3531	35.30	-0.935	-1.001	-0.997	-0.937	-0.857	-0.803	-0.805	-0.868	-0.959	-1.022
3541	35.40	-0.998	-0.850	-0.578	-0.216	0.185	0.573	0.918	1.211	1.450	1.627
3551	35.50	1.721	1.693	1.514	1.182	0.738	0.268	-0.125	-0.350	-0.364	-0.182
3561	35.60	0.128	0.479	0.797	1.049	1.248	1.433	1.647	1.904	2.174	2.395
3571	35.70	2.491	2.402	2.106	1.632	1.048	0.443	-0.097	-0.509	-0.765	-0.873
3581	35.80	-0.870	-0.811	-0.752	-0.740	-0.800	-0.937	-1.133	-1.359	-1.579	-1.762
3591	35.90	-1.886	-1.936	-1.907	-1.795	-1.604	-1.345	-1.037	-0.713	-0.408	-0.158
3601	36.00	0.020	0.126	0.178	0.203	0.220	0.229	0.210	0.132	-0.031	-0.279
3611	36.10	-0.579	-0.866	-1.061	-1.098	-0.945	-0.620	-0.185	0.266	0.634	0.839
3621	36.20	0.838	0.636	0.279	-0.154	-0.572	-0.894	-1.061	-1.055	-0.896	-0.635
3631	36.30	-0.337	-0.064	0.142	0.265	0.313	0.303	0.252	0.169	0.051	-0.106
3641	36.40	-0.296	-0.498	-0.678	-0.800	-0.837	-0.784	-0.656	-0.485	-0.301	-0.124
3651	36.50	0.044	0.207	0.373	0.536	0.679	0.779	0.823	0.815	0.783	0.770
3661	36.60	0.810	0.913	1.052	1.170	1.200	1.093	0.842	0.494	0.137	-0.129
3671	36.70	-0.226	-0.123	0.147	0.504	0.846	1.084	1.172	1.114	0.958	0.772
3681	36.80	0.613	0.506	0.440	0.380	0.285	0.138	-0.049	-0.229	-0.346	-0.354
3691	36.90	-0.239	-0.025	0.231	0.468	0.637	0.721	0.733	0.706	0.675	0.661
3701	37.00	0.666	0.679	0.690	0.694	0.703	0.730	0.786	0.869	0.958	1.026
3711	37.10	1.045	0.999	0.883	0.703	0.462	0.161	-0.197	-0.598	-1.005	-1.363
3721	37.20	-1.604	-1.673	-1.555	-1.281	-0.924	-0.574	-0.299	-0.127	-0.034	0.032
3731	37.30	0.122	0.251	0.394	0.494	0.495	0.381	0.187	-0.008	-0.115	-0.078
3741	37.40	0.097	0.345	0.564	0.666	0.610	0.416	0.157	-0.083	-0.241	-0.298
3751	37.50	-0.276	-0.214	-0.139	-0.053	0.066	0.239	0.463	0.699	0.882	0.949
3761	37.60	0.868	0.661	0.396	0.158	0.019	0.001	0.077	0.183	0.252	0.240
3771	37.70	0.140	-0.030	-0.240	-0.473	-0.724	-0.992	-1.260	-1.482	-1.592	-1.523
3781	37.80	-1.249	-0.806	-0.293	0.153	0.410	0.414	0.186	-0.176	-0.545	-0.811
3791	37.90	-0.929	-0.931	-0.898	-0.921	-1.052	-1.280	-1.536	-1.731	-1.789	-1.691
3801	38.00	-1.472	-1.205	-0.966	-0.806	-0.726	-0.691	-0.652	-0.566	-0.420	-0.227
3811	38.10	-0.014	0.196	0.393	0.587	0.788	1.001	1.209	1.380	1.472	1.459
3821	38.20	1.332	1.110	0.830	0.530	0.239	-0.031	-0.285	-0.532	-0.781	-1.029
3831	38.30	-1.270	-1.494	-1.697	-1.881	-2.048	-2.195	-2.310	-2.366	-2.338	-2.208
3841	38.40	-1.987	-1.711	-1.443	-1.248	-1.175	-1.239	-1.409	-1.620	-1.792	-1.856
3851	38.50	-1.777	-1.560	-1.249	-0.904	-0.582	-0.317	-0.113	0.050	0.205	0.375
3861	38.60	0.568	0.773	0.966	1.129	1.261	1.381	1.525	1.733	2.027	2.399
3871	38.70	2.809	3.191	3.472	3.595	3.534	3.298	2.929	2.483	2.014	1.558
3881	38.80	1.131	0.736	0.373	0.055	-0.193	-0.334	-0.341	-0.203	0.057	0.387
3891	38.90	0.715	0.976	1.128	1.165	1.114	1.026	0.955	0.936	0.986	1.096
3901	39.00	1.247	1.423	1.611	1.807	1.999	2.168	2.275	2.274	2.124	1.805
3911	39.10	1.332	0.756	0.151	-0.409	-0.869	-1.205	-1.433	-1.588	-1.717	-1.854
3921	39.20	-2.012	-2.182	-2.337	-2.441	-2.463	-2.376	-2.173	-1.861	-1.467	-1.033
3931	39.30	-0.614	-0.262	-0.015	0.119	0.164	0.176	0.221	0.359	0.614	0.970
3941	39.40	1.372	1.736	1.982	2.046	1.901	1.557	1.050	0.438	-0.213	-0.836
3951	39.50	-1.364	-1.735	-1.904	-1.848	-1.579	-1.149	-0.640	-0.147	0.244	0.476
3961	39.60	0.539	0.462	0.306	0.137	0.012	-0.034	0.004	0.110	0.248	0.378
3971	39.70	0.459	0.460	0.369	0.196	-0.025	-0.241	-0.402	-0.474	-0.459	-0.398
3981	39.80	-0.360	-0.416	-0.610	-0.935	-1.336	-1.722	-2.006	-2.139	-2.129	-2.035
3991	39.90	-1.943	-1.926	-2.010	-2.160	-2.297	-2.330	-2.191	-1.869	-1.406	-0.882

Table 7−77−9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1269 206-GR-1-50 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = -6.293 (GAL) T= 16.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.380	0.061	0.369	0.626	0.856	1.096	1.363	1.646	1.923	2.175
4011	40.10	2.399	2.609	2.825	3.059	3.299	3.501	3.603	3.544	3.283	2.818
4021	40.20	2.193	1.486	0.790	0.187	-0.268	-0.566	-0.735	-0.831	-0.913	-1.023
4031	40.30	-1.166	-1.311	-1.401	-1.380	-1.214	-0.915	-0.542	-0.182	0.075	0.173
4041	40.40	0.107	-0.068	-0.266	-0.399	-0.415	-0.317	-0.163	-0.040	-0.031	-0.180
4051	40.50	-0.475	-0.853	-1.219	-1.478	-1.564	-1.451	-1.162	-0.753	-0.302	0.109
4061	40.60	0.406	0.542	0.498	0.291	-0.027	-0.383	-0.703	-0.934	-1.055	-1.082
4071	40.70	-1.050	-0.994	-0.923	-0.811	-0.613	-0.285	0.181	0.741	1.309	1.778
4081	40.80	2.066	2.144	2.045	1.845	1.626	1.440	1.291	1.145	0.958	0.716
4091	40.90	0.450	0.230	0.129	0.181	0.354	0.551	0.646	0.539	0.197	-0.324
4101	41.00	-0.905	-1.410	-1.742	-1.875	-1.855	-1.767	-1.686	-1.640	-1.599	-1.493
4111	41.10	-1.255	-0.856	-0.330	0.244	0.769	1.168	1.409	1.508	1.511	1.459
4121	41.20	1.372	1.240	1.039	0.749	0.382	-0.015	-0.371	-0.614	-0.699	-0.627
4131	41.30	-0.444	-0.234	-0.087	-0.075	-0.233	-0.550	-0.976	-1.436	-1.856	-2.178
4141	41.40	-2.374	-2.449	-2.434	-2.368	-2.285	-2.203	-2.126	-2.045	-1.956	-1.865
4151	41.50	-1.791	-1.750	-1.746	-1.752	-1.712	-1.553	-1.212	-0.664	0.062	0.882
4161	41.60	1.679	2.341	2.795	3.023	3.064	2.992	2.882	2.782	2.702	2.615
4171	41.70	2.478	2.256	1.934	1.529	1.081	0.637	0.237	-0.094	-0.348	-0.532
4181	41.80	-0.662	-0.750	-0.807	-0.837	-0.837	-0.801	-0.720	-0.589	-0.407	-0.185
4191	41.90	0.058	0.295	0.499	0.646	0.728	0.748	0.729	0.702	0.704	0.767
4201	42.00	0.912	1.141	1.434	1.747	2.022	2.197	2.222	2.075	1.770	1.354
4211	42.10	0.895	0.459	0.094	-0.187	-0.402	-0.585	-0.767	-0.956	-1.135	-1.267
4221	42.20	-1.316	-1.264	-1.130	-0.959	-0.804	-0.709	-0.681	-0.690	-0.678	-0.584
4231	42.30	-0.371	-0.043	0.351	0.740	1.052	1.247	1.328	1.343	1.362	1.454
4241	42.40	1.652	1.948	2.286	2.590	2.783	2.817	2.684	2.412	2.055	1.667
4251	42.50	1.289	0.939	0.623	0.341	0.103	-0.068	-0.147	-0.123	-0.009	0.149
4261	42.60	0.282	0.324	0.236	0.020	-0.277	-0.585	-0.840	-1.007	-1.098	-1.160
4271	42.70	-1.251	-1.413	-1.650	-1.927	-2.183	-2.362	-2.429	-2.391	-2.281	-2.150
4281	42.80	-2.039	-1.972	-1.946	-1.947	-1.954	-1.955	-1.945	-1.924	-1.894	-1.852
4291	42.90	-1.799	-1.734	-1.666	-1.604	-1.557	-1.523	-1.491	-1.443	-1.365	-1.255
4301	43.00	-1.126	-1.000	-0.894	-0.805	-0.708	-0.563	-0.333	-0.008	0.385	0.785
4311	43.10	1.114	1.304	1.319	1.160	0.864	0.480	0.054	-0.384	-0.812	-1.210
4321	43.20	-1.545	-1.773	-1.844	-1.725	-1.417	-0.955	-0.405	0.161	0.685	1.136
4331	43.30	1.515	1.837	2.118	2.361	2.556	2.684	2.739	2.726	2.665	2.583
4341	43.40	2.499	2.419	2.336	2.237	2.114	1.966	1.798	1.614	1.403	1.146
4351	43.50	0.823	0.426	-0.024	-0.478	-0.873	-1.152	-1.290	-1.301	-1.233	-1.148
4361	43.60	-1.091	-1.075	-1.081	-1.068	-1.001	-0.868	-0.691	-0.507	-0.356	-0.258
4371	43.70	-0.205	-0.170	-0.125	-0.054	0.032	0.106	0.140	0.124	0.075	0.033
4381	43.80	0.040	0.118	0.258	0.416	0.531	0.547	0.434	0.202	-0.107	-0.433
4391	43.90	-0.716	-0.919	-1.027	-1.050	-1.013	-0.939	-0.846	-0.742	-0.623	-0.477
4401	44.00	-0.294	-0.073	0.180	0.439	0.669	0.826	0.873	0.790	0.586	0.299
4411	44.10	-0.008	-0.264	-0.411	-0.418	-0.292	-0.071	0.183	0.405	0.543	0.568
4421	44.20	0.477	0.293	0.055	-0.193	-0.407	-0.557	-0.624	-0.608	-0.517	-0.370
4431	44.30	-0.183	0.029	0.258	0.497	0.740	0.976	1.190	1.370	1.506	1.599
4441	44.40	1.655	1.676	1.651	1.553	1.343	0.990	0.489	-0.115	-0.731	-1.234
4451	44.50	-1.507	-1.475	-1.139	-0.579	0.068	0.653	1.058	1.231	1.197	1.029
4461	44.60	0.817	0.628	0.489	0.379	0.262	0.103	-0.101	-0.318	-0.497	-0.586
4471	44.70	-0.559	-0.423	-0.220	-0.006	0.166	0.263	0.278	0.224	0.121	-0.013
4481	44.80	-0.172	-0.353	-0.557	-0.776	-0.990	-1.173	-1.297	-1.346	-1.319	-1.232
4491	44.90	-1.111	-0.983	-0.859	-0.737	-0.603	-0.439	-0.242	-0.027	0.169	0.297

Table 7−77−10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1269 206-GR-1-50 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = -6.293 (GAL) T= 16.33 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.323	0.235	0.061	-0.139	-0.292	-0.339	-0.256	-0.064	0.178	0.393
4511	45.10	0.513	0.503	0.358	0.105	-0.221	-0.588	-0.973	-1.351	-1.693	-1.951
4521	45.20	-2.065	-1.986	-1.695	-1.222	-0.653	-0.102	0.318	0.536	0.543	0.394
4531	45.30	0.182	-0.001	-0.092	-0.076	0.020	0.149	0.270	0.366	0.443	0.518
4541	45.40	0.606	0.706	0.805	0.882	0.927	0.945	0.950	0.956	0.965	0.962
4551	45.50	0.921	0.826	0.682	0.524	0.406	0.379	0.465	0.643	0.854	1.019
4561	45.60	1.079	1.010	0.842	0.639	0.475	0.400	0.421	0.501	0.580	0.603
4571	45.70	0.543	0.416	0.270	0.161	0.135	0.206	0.354	0.538	0.718	0.869
4581	45.80	0.989	1.096	1.215	1.362	1.533	1.701	1.829	1.880	1.836	1.693
4591	45.90	1.483	1.245	1.026	0.861	0.767	0.737	0.742	0.742	0.690	0.549
4601	46.00	0.299	-0.061	-0.510	-1.012	-1.523	-2.002	-2.419	-2.762	-3.031	-3.234
4611	46.10	-3.378	-3.459	-3.462	-3.360	-3.127	-2.754	-2.255	-1.676	-1.084	-0.558
4621	46.20	-0.161	0.073	0.146	0.098	-0.013	-0.127	-0.203	-0.221	-0.187	-0.117
4631	46.30	-0.026	0.079	0.201	0.344	0.506	0.669	0.800	0.858	0.804	0.617
4641	46.40	0.302	-0.111	-0.573	-1.023	-1.397	-1.640	-1.709	-1.583	-1.264	-0.787
4651	46.50	-0.219	0.352	0.828	1.123	1.189	1.022	0.668	0.208	-0.269	-0.684
4661	46.60	-0.993	-1.189	-1.297	-1.354	-1.397	-1.448	-1.510	-1.574	-1.629	-1.666
4671	46.70	-1.684	-1.687	-1.678	-1.657	-1.615	-1.539	-1.414	-1.233	-0.997	-0.719
4681	46.80	-0.421	-0.132	0.120	0.314	0.432	0.471	0.435	0.340	0.207	0.060
4691	46.90	-0.076	-0.183	-0.253	-0.290	-0.311	-0.343	-0.418	-0.555	-0.754	-0.984
4701	47.00	-1.186	-1.287	-1.219	-0.948	-0.491	0.081	0.656	1.118	1.380	1.418
4711	47.10	1.271	1.028	0.792	0.637	0.584	0.600	0.621	0.589	0.484	0.341
4721	47.20	0.236	0.252	0.442	0.801	1.266	1.739	2.124	2.363	2.451	2.431
4731	47.30	2.370	2.328	2.355	2.387	2.454	2.500	2.500	2.446	2.347	2.218
4741	47.40	2.069	1.904	1.722	1.525	1.321	1.122	0.941	0.782	0.642	0.510
4751	47.50	0.379	0.249	0.133	0.049	0.012	0.024	0.073	0.136	0.192	0.230
4761	47.60	0.256	0.280	0.312	0.341	0.360	0.269	0.099	-0.170	-0.498	-0.810
4771	47.70	-1.019	-1.056	-0.900	-0.584	-0.185	0.199	0.489	0.645	0.679	0.640
4781	47.80	0.589	0.570	0.594	0.638	0.662	0.632	0.544	0.432	0.360	0.393
4791	47.90	0.575	0.896	1.296	1.668	1.898	1.896	1.628	1.128	0.490	-0.164

Table 7-78-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1270 206-GR-1-50 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -29.483 (GAL) T= 16.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-4.826	-6.733	-7.575	-7.320	-6.242	-4.801	-3.487	-2.664	-2.491	-2.919
11	0.10	-3.764	-4.803	-5.852	-6.803	-7.618	-8.298	-8.848	-9.258	-9.507	-9.564
21	0.20	-9.402	-8.993	-8.310	-7.330	-6.052	-4.525	-2.866	-1.274	0.023	0.805
31	0.30	0.942	0.457	-0.462	-1.495	-2.272	-2.479	-1.950	-0.720	0.987	2.818
41	0.40	4.394	5.407	5.691	5.241	4.186	2.733	1.088	-0.589	-2.217	-3.779
51	0.50	-5.292	-6.774	-8.213	-9.565	-10.760	-11.728	-12.410	-12.767	-12.776	-12.419
61	0.60	-11.681	-10.554	-9.051	-7.219	-5.157	-3.000	-0.904	0.987	2.571	3.806
71	0.70	4.707	5.332	5.753	6.031	6.204	6.283	6.260	6.124	5.873	5.511
81	0.80	5.051	4.499	3.848	3.080	2.171	1.111	-0.072	-1.302	-2.456	-3.391
91	0.90	-3.976	-4.140	-3.898	-3.353	-2.668	-2.002	-1.459	-1.041	-0.656	-0.152
101	1.00	0.607	1.673	2.978	4.342	5.533	6.344	6.669	6.535	6.081	5.502
111	1.10	4.969	4.574	4.301	4.053	3.697	3.125	2.288	1.211	-0.016	-1.272
121	1.20	-2.428	-3.372	-4.018	-4.316	-4.258	-3.881	-3.266	-2.527	-1.782	-1.127
131	1.30	-0.607	-0.206	0.133	0.482	0.888	1.346	1.798	2.147	2.298	2.191
141	1.40	1.829	1.279	0.654	0.083	-0.320	-0.483	-0.382	-0.047	0.455	1.034
151	1.50	1.591	2.035	2.295	2.324	2.107	1.662	1.038	0.316	-0.401	-0.998
161	1.60	-1.364	-1.418	-1.135	-0.567	0.156	0.842	1.282	1.302	0.811	-0.171
171	1.70	-1.515	-3.022	-4.476	-5.694	-6.561	-7.033	-7.122	-6.857	-6.263	-5.351
181	1.80	-4.126	-2.614	-0.883	0.949	2.730	4.304	5.551	6.414	6.918	7.149
191	1.90	7.232	7.287	7.398	7.588	7.826	8.040	8.149	8.083	7.803	7.301
201	2.00	6.584	5.663	4.538	3.203	1.660	-0.051	-1.841	-3.563	-5.040	-6.101
211	2.10	-6.632	-6.612	-6.116	-5.299	-4.347	-3.423	-2.629	-1.989	-1.461	-0.969
221	2.20	-0.443	0.158	0.826	1.513	2.143	2.629	2.885	2.851	2.488	1.806
231	2.30	0.864	-0.229	-1.329	-2.280	-2.952	-3.271	-3.234	-2.905	-2.390	-1.797
241	2.40	-1.208	-0.657	-0.136	0.386	0.934	1.511	2.094	2.667	3.147	3.599
251	2.50	4.046	4.536	5.098	5.693	6.201	6.435	6.187	5.303	3.752	1.663
261	2.60	-0.684	-2.922	-4.697	-5.758	-6.022	-5.576	-4.620	-3.404	-2.128	-0.909
271	2.70	0.216	1.251	2.191	2.998	3.610	3.979	4.114	4.096	4.057	4.108
281	2.80	4.277	4.467	4.481	4.098	3.182	1.754	0.019	-1.701	-3.080	-3.918
291	2.90	-4.214	-4.171	-4.108	-4.339	-5.057	-6.269	-7.811	-9.411	-10.794	-11.755
301	3.00	-12.199	-12.139	-11.661	-10.882	-9.928	-8.912	-7.925	-7.025	-6.205	-5.390
311	3.10	-4.431	-3.149	-1.400	0.853	3.494	6.254	8.774	10.704	11.807	12.029
321	3.20	11.506	10.504	9.323	8.197	7.238	6.427	5.660	4.826	3.867	2.811
331	3.30	1.759	0.843	0.168	-0.228	-0.383	-0.394	-0.383	-0.457	-0.690	-1.118
341	3.40	-1.745	-2.554	-3.504	-4.526	-5.516	-6.336	-6.845	-6.942	-6.605	-5.913
351	3.50	-5.029	-4.143	-3.393	-2.807	-2.286	-1.650	-0.731	0.527	2.008	3.437
361	3.60	4.466	4.798	4.310	3.092	1.416	-0.378	-2.007	-3.332	-4.368	-5.211
371	3.70	-5.937	-6.510	-6.769	-6.493	-5.509	-3.798	-1.535	0.953	3.296	5.201
381	3.80	6.529	7.293	7.602	7.572	7.269	6.710	5.915	4.964	4.024	3.312
391	3.90	3.002	3.122	3.509	3.846	3.772	3.040	1.630	-0.221	-2.097	-3.547
401	4.00	-4.240	-4.065	-3.145	-1.760	-0.247	1.107	2.117	2.708	2.890	2.740
411	4.10	2.389	2.017	1.843	2.068	2.809	4.023	5.477	6.791	7.547	7.435
421	4.20	6.372	4.541	2.330	0.198	-1.490	-2.564	-3.083	-3.262	-3.360	-3.569
431	4.30	-3.958	-4.486	-5.056	-5.591	-6.064	-6.500	-6.932	-7.366	-7.767	-8.070
441	4.40	-8.221	-8.202	-8.026	-7.712	-7.240	-6.534	-5.479	-3.978	-2.026	0.249
451	4.50	2.595	4.705	6.314	7.299	7.711	7.752	7.691	7.753	8.045	8.521
461	4.60	9.010	9.283	9.123	8.390	7.043	5.150	2.875	0.465	-1.786	-3.560
471	4.70	-4.601	-4.752	-4.016	-2.569	-0.713	1.201	2.871	4.119	4.900	5.258
481	4.80	5.241	4.835	3.935	2.402	0.155	-2.721	-5.930	-9.005	-11.433	-12.820
491	4.90	-13.028	-12.228	-10.847	-9.414	-8.385	-7.997	-8.209	-8.752	-9.246	-9.347

Table 7-78-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1270 206-GR-1-50 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -29.483 (GAL) T= 16.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-8.856	-7.765	-6.232	-4.506	-2.844	-1.440	-0.392	0.301	0.722	1.013
511	5.10	1.349	1.909	2.868	4.255	6.118	8.302	10.560	12.567	13.994	14.581
521	5.20	14.204	12.906	10.891	8.471	5.998	3.778	2.012	0.761	-0.048	-0.583
531	5.30	-1.043	-1.590	-2.300	-3.145	-4.009	-4.738	-5.198	-5.328	-5.163	-4.817
541	5.40	-4.443	-4.179	-4.099	-4.205	-4.432	-4.688	-4.882	-4.960	-4.897	-4.693
551	5.50	-4.352	-3.870	-3.238	-2.452	-1.532	-0.525	0.503	1.481	2.353	3.082
561	5.60	3.648	4.040	4.236	4.214	3.959	3.489	2.876	2.242	1.746	1.541
571	5.70	1.732	2.343	3.309	4.492	5.724	6.844	7.742	8.371	8.748	8.930
581	5.80	8.984	8.957	8.852	8.624	8.187	7.440	6.304	4.755	2.846	0.705
591	5.90	-1.492	-3.562	-5.365	-6.824	-7.937	-8.741	-9.273	-9.529	-9.449	-8.932
601	6.00	-7.883	-6.270	-4.165	-1.760	0.664	2.792	4.347	5.153	5.178	4.537
611	6.10	3.466	2.268	1.243	0.617	0.489	0.798	1.342	1.831	1.974	1.570
621	6.20	0.581	-0.849	-2.427	-3.801	-4.663	-4.835	-4.311	-3.238	-1.858	-0.423
631	6.30	0.863	1.875	2.561	2.915	2.955	2.705	2.211	1.541	0.792	0.061
641	6.40	-0.579	-1.114	-1.596	-2.121	-2.780	-3.619	-4.601	-5.620	-6.531	-7.198
651	6.50	-7.534	-7.503	-7.107	-6.354	-5.238	-3.748	-1.895	0.250	2.536	4.750
661	6.60	6.666	8.110	9.010	9.411	9.443	9.257	8.958	8.560	7.989	7.110
671	6.70	5.795	3.966	1.633	-1.108	-4.090	-7.107	-9.939	-12.378	-14.252	-15.448
681	6.80	-15.929	-15.742	-15.007	-13.883	-12.520	-11.013	-9.381	-7.585	-5.571	-3.334
691	6.90	-0.963	1.354	3.365	4.830	5.594	5.646	5.127	4.295	3.452	2.878
701	7.00	2.765	3.195	4.144	5.507	7.128	8.838	10.466	11.865	12.911	13.519
711	7.10	13.634	13.236	12.332	10.949	9.129	6.933	4.446	1.779	-0.934	-3.541
721	7.20	-5.897	-7.872	-9.374	-10.348	-10.781	-10.692	-10.140	-9.219	-8.058	-6.816
731	7.30	-5.656	-4.712	-4.059	-3.691	-3.527	-3.434	-3.275	-2.951	-2.419	-1.699
741	7.40	-0.841	0.100	1.088	2.106	3.137	4.140	5.030	5.683	5.965	5.773
751	7.50	5.073	3.920	2.454	0.868	-0.623	-1.825	-2.592	-2.839	-2.553	-1.798
761	7.60	-0.714	0.495	1.581	2.305	2.479	2.023	0.987	-0.458	-2.056	-3.537
771	7.70	-4.674	-5.334	-5.481	-5.159	-4.452	-3.439	-2.173	-0.688	0.986	2.786
781	7.80	4.603	6.283	7.652	8.562	8.932	8.772	8.184	7.327	6.366	5.416
791	7.90	4.503	3.556	2.438	1.009	-0.801	-2.935	-5.182	-7.205	-8.605	-9.021
801	8.00	-8.220	-6.169	-3.049	0.774	4.823	8.604	11.695	13.810	14.837	14.825
811	8.10	13.950	12.460	10.611	8.613	6.594	4.595	2.584	0.500	-1.705	-4.024
821	8.20	-6.382	-8.644	-10.649	-12.246	-13.325	-13.829	-13.744	-13.081	-11.867	-10.149
831	8.30	-8.015	-5.619	-3.189	-1.008	0.641	1.545	1.624	0.966	-0.191	-1.519
841	8.40	-2.680	-3.402	-3.523	-2.998	-1.875	-0.263	1.699	3.844	5.993	7.934
851	8.50	9.668	10.429	10.733	10.405	9.574	8.430	7.163	5.892	4.642	3.350
861	8.60	1.921	0.293	-1.506	-3.351	-5.054	-6.432	-7.378	-7.909	-8.163	-8.347
871	8.70	-8.667	-9.250	-10.094	-11.064	-11.924	-12.399	-12.251	-11.336	-9.650	-7.333
881	8.80	-4.649	-1.938	0.447	2.212	3.179	3.316	2.740	1.686	0.448	-0.678
891	8.90	-1.449	-1.713	-1.421	-0.620	0.564	1.952	3.343	4.549	5.430	5.930
901	9.00	6.095	6.063	6.029	6.184	6.643	7.396	8.297	9.093	9.502	9.292
911	9.10	8.359	6.758	4.688	2.445	0.341	-1.360	-2.491	-2.999	-2.943	-2.462
921	9.20	-1.743	-0.989	-0.382	-0.058	-0.088	-0.469	-1.126	-1.926	-2.706	-3.297
931	9.30	-3.552	-3.372	-2.727	-1.671	-0.347	1.028	2.195	2.917	3.043	2.567
941	9.40	1.649	0.579	-0.310	-0.754	-0.656	-0.137	0.508	0.909	0.766	-0.034
951	9.50	-1.365	-2.905	-4.248	-5.046	-5.130	-4.546	-3.519	-2.349	-1.298	-0.503
961	9.60	0.050	0.478	0.936	1.530	2.278	3.108	3.889	4.492	4.824	4.858
971	9.70	4.623	4.181	3.604	2.949	2.254	1.537	0.806	0.068	-0.666	-1.381
981	9.80	-2.058	-2.677	-3.222	-3.683	-4.053	-4.319	-4.466	-4.456	-4.255	-3.824
991	9.90	-3.150	-2.258	-1.223	-0.164	0.784	1.496	1.893	1.955	1.722	1.279

Table 7-78-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1270 206-GR-1-50 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -29.483 (GAL) T= 16.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.724	0.151	-0.372	-0.801	-1.116	-1.322	-1.443	-1.527	-1.638	-1.847
1011	10.10	-2.216	-2.780	-3.532	-4.432	-5.411	-6.391	-7.296	-8.049	-8.569	-8.770
1021	10.20	-8.565	-7.899	-6.779	-5.302	-3.652	-2.060	-0.735	0.208	0.800	1.220
1031	10.30	1.740	2.641	4.120	6.224	8.835	11.701	14.500	16.910	18.665	19.592
1041	10.40	19.620	18.785	17.217	15.127	12.780	10.454	8.381	6.705	5.448	4.519
1051	10.50	3.753	2.969	2.033	0.894	-0.412	-1.788	-3.116	-4.297	-5.275	-6.041
1061	10.60	-6.633	-7.126	-7.628	-8.264	-9.158	-10.406	-12.041	-14.008	-16.165	-18.307
1071	10.70	-20.211	-21.692	-22.636	-23.006	-22.819	-22.108	-20.895	-19.170	-16.910	-14.100
1081	10.80	-10.759	-6.951	-2.784	1.604	6.051	10.373	14.369	17.825	20.541	22.378
1091	10.90	23.297	23.387	22.846	21.927	20.857	19.764	18.648	17.404	15.890	14.014
1101	11.00	11.785	9.327	6.827	4.469	2.365	0.523	-1.134	-2.718	-4.325	-5.994
1111	11.10	-7.698	-9.362	-10.879	-12.122	-12.944	-13.177	-12.649	-11.232	-8.897	-5.770
1121	11.20	-2.146	1.554	4.874	7.439	9.042	9.679	9.515	8.797	7.757	6.536
1131	11.30	5.167	3.605	1.791	-0.293	-2.584	-4.944	-7.182	-9.089	-10.473	-11.176
1141	11.40	-11.092	-10.189	-8.520	-6.238	-3.582	-0.839	1.715	3.875	5.568	6.751
1151	11.50	7.569	8.092	8.365	8.370	8.049	7.366	6.363	5.182	4.037	3.148
1161	11.60	2.661	2.585	2.786	3.040	3.116	2.861	2.260	1.432	0.582	-0.081
1171	11.70	-0.420	-0.420	-0.196	0.047	0.073	-0.314	-1.213	-2.593	-4.303	-6.102
1181	11.80	-7.723	-8.938	-9.616	-9.746	-9.429	-8.828	-8.110	-7.385	-6.691	-6.001
1191	11.90	-5.277	-4.520	-3.800	-3.247	-2.997	-3.127	-3.599	-4.248	-4.821	-5.061
1201	12.00	-4.785	-3.936	-2.591	-0.910	0.928	2.778	4.553	6.199	7.657	8.826
1211	12.10	9.562	9.716	9.193	8.003	6.288	4.287	2.285	0.537	-0.779	-1.583
1221	12.20	-1.874	-1.706	-1.162	-0.343	0.620	1.580	2.383	2.920	3.169	3.226
1231	12.30	3.279	3.541	4.156	5.109	6.205	7.114	7.486	7.088	5.904	4.161
1241	12.40	2.257	0.632	-0.376	-0.632	-0.228	0.575	1.440	2.058	2.206	1.769
1251	12.50	0.726	-0.873	-2.914	-5.211	-7.504	-9.479	-10.827	-11.336	-10.966	-9.889
1261	12.60	-8.452	-7.073	-6.107	-5.731	-5.894	-6.365	-6.836	-7.047	-6.878	-6.364
1271	12.70	-5.632	-4.806	-3.919	-2.882	-1.525	0.317	2.701	5.518	8.497	11.267
1281	12.80	13.460	14.797	15.144	14.516	13.041	10.915	8.360	5.598	2.838	0.260
1291	12.90	-2.004	-3.894	-5.447	-6.782	-8.067	-9.451	-11.001	-12.663	-14.266	-15.575
1301	13.00	-16.375	-16.546	-16.107	-15.210	-14.090	-12.982	-12.055	-11.374	-10.897	-10.509
1311	13.10	-10.075	-9.474	-8.627	-7.694	-6.063	-4.339	-2.334	-0.073	2.403	5.034
1321	13.20	7.744	10.454	13.096	15.615	17.970	20.120	22.008	23.555	24.666	25.241
1331	13.30	25.206	24.529	23.242	21.432	19.224	16.763	14.185	11.607	9.121	6.806
1341	13.40	4.735	2.987	1.638	0.747	0.333	0.357	0.708	1.219	1.693	1.944
1351	13.50	1.844	1.348	0.500	-0.583	-1.757	-2.898	-3.940	-4.901	-5.865	-6.953
1361	13.60	-8.268	-9.841	-11.601	-13.374	-14.916	-15.976	-16.372	-16.044	-15.084	-13.711
1371	13.70	-12.210	-10.844	-9.769	-8.990	-8.363	-7.656	-6.644	-5.198	-3.354	-1.313
1381	13.80	0.614	2.093	2.868	2.835	2.060	0.752	-0.799	-2.292	-3.472	-4.157
1391	13.90	-4.245	-3.706	-2.571	-0.933	1.055	3.186	5.221	6.934	8.151	8.790
1401	14.00	8.872	8.500	7.817	6.958	6.011	5.011	3.952	2.820	1.622	0.396
1411	14.10	-0.785	-1.837	-2.676	-3.223	-3.404	-3.139	-2.349	-0.972	1.002	3.494
1421	14.20	6.318	9.191	11.778	13.762	14.906	15.104	14.386	12.893	10.828	8.399
1431	14.30	5.792	3.154	0.596	-1.788	-3.921	-5.751	-7.263	-8.487	-9.501	-10.395
1441	14.40	-11.242	-12.054	-12.764	-13.240	-13.315	-12.847	-11.759	-10.072	-7.901	-5.423
1451	14.50	-2.841	-0.340	1.931	3.867	5.400	6.482	7.090	7.227	6.947	6.358
1461	14.60	5.630	4.968	4.570	4.579	5.037	5.867	6.884	7.841	8.495	8.678
1471	14.70	8.341	7.562	6.515	5.403	4.380	3.489	2.644	1.656	0.309	-1.554
1481	14.80	-3.948	-6.719	-9.564	-12.109	-14.008	-15.036	-15.133	-14.403	-13.058	-11.343
1491	14.90	-9.471	-7.584	-5.761	-4.050	-2.502	-1.192	-0.212	0.362	0.506	0.275

Table 7-78-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1270 206-GR-1-50 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -29.483 (GAL) T= 16.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.206	-0.768	-1.247	-1.522	-1.539	-1.303	-0.859	-0.264	0.432	1.195
1511	15.10	2.000	2.826	3.651	4.458	5.235	5.977	6.680	7.323	7.860	8.223
1521	15.20	8.336	8.145	7.647	6.899	6.009	5.103	4.281	3.582	2.982	2.410
1531	15.30	1.792	1.095	0.354	-0.337	-0.849	-1.077	-0.974	-0.575	0.016	0.656
1541	15.40	1.214	1.607	1.819	1.889	1.885	1.868	1.855	1.812	1.660	1.302
1551	15.50	0.660	-0.298	-1.537	-2.962	-4.439	-5.835	-7.044	-8.015	-8.755	-9.311
1561	15.60	-9.743	-10.092	-10.354	-10.470	-10.331	-9.791	-8.702	-6.945	-4.462	-1.285
1571	15.70	2.448	6.493	10.530	14.204	17.188	19.243	20.255	20.246	19.356	17.789
1581	15.80	15.764	13.473	11.058	8.610	6.188	3.821	1.516	-0.753	-3.047	-5.452
1591	15.90	-8.051	-10.888	-13.925	-17.045	-20.064	-22.794	-25.088	-26.881	-28.185	-29.046
1601	16.00	-29.484	-29.453	-28.839	-27.500	-25.342	-22.386	-18.797	-14.855	-10.877	-7.131
1611	16.10	-3.768	-0.801	1.853	4.307	6.631	8.821	10.807	12.493	13.807	14.733
1621	16.20	15.309	15.601	15.664	15.533	15.226	14.775	14.251	13.776	13.490	13.506
1631	16.30	13.861	14.491	15.242	15.923	16.364	16.463	16.196	15.587	14.659	13.393
1641	16.40	11.718	9.541	6.805	3.551	-0.051	-3.721	-7.128	-9.971	-12.056	-13.334
1651	16.50	-13.886	-13.880	-13.497	-12.882	-12.118	-11.230	-10.213	-9.066	-7.800	-6.431
1661	16.60	-4.961	-3.360	-1.567	0.480	2.802	5.340	7.942	10.386	12.440	13.930
1671	16.70	14.791	15.078	14.927	14.482	13.823	12.926	11.665	9.883	7.463	4.412
1681	16.80	0.880	-2.863	-6.501	-9.757	-12.452	-14.527	-16.008	-16.960	-17.437	-17.464
1691	16.90	-17.047	-16.207	-15.007	-13.551	-11.958	-10.320	-8.673	-6.997	-5.249	-3.416
1701	17.00	-1.557	0.198	1.686	2.784	3.669	3.851	4.135	4.550	5.256	6.289
1711	17.10	7.552	8.876	10.100	11.146	12.039	12.882	13.776	14.747	15.711	16.493
1721	17.20	16.896	16.790	16.164	15.137	13.898	12.628	11.420	10.245	8.974	7.436
1731	17.30	5.497	3.116	0.353	-2.669	-5.718	-8.691	-11.452	-13.929	-16.088	-17.924
1741	17.40	-19.452	-20.708	-21.736	-22.578	-23.239	-23.661	-23.720	-23.248	-22.083	-20.137
1751	17.50	-17.444	-14.170	-10.571	-6.923	-3.440	-0.228	2.716	5.461	8.065	10.524
1761	17.60	12.768	14.587	15.899	16.606	16.737	16.415	15.820	15.125	14.449	13.843
1771	17.70	13.302	12.799	12.308	11.812	11.286	10.680	9.903	8.841	7.395	5.522
1781	17.80	3.270	0.774	-1.788	-4.244	-6.482	-8.474	-10.256	-11.890	-13.415	-14.819
1791	17.90	-16.043	-17.008	-17.653	-17.961	-17.951	-17.654	-17.080	-16.202	-14.963	-13.316
1801	18.00	-11.263	-8.879	-6.307	-3.713	-1.243	1.025	3.076	4.923	6.557	7.901
1811	18.10	8.808	9.115	8.714	7.637	6.086	4.402	2.977	2.131	2.014	2.569
1821	18.20	3.562	4.677	5.629	6.247	6.507	6.497	6.353	6.180	6.013	5.818
1831	18.30	5.529	5.094	4.507	3.812	3.078	2.359	1.669	0.976	0.223	-0.640
1841	18.40	-1.631	-2.725	-3.874	-5.018	-6.111	-7.124	-8.033	-8.802	-9.371	-9.661
1851	18.50	-9.597	-9.131	-8.269	-7.078	-5.666	-4.155	-2.651	-1.221	0.104	1.322
1861	18.60	2.441	3.457	4.355	5.106	5.681	6.055	6.214	6.151	5.873	5.401
1871	18.70	4.776	4.065	3.350	2.721	2.248	1.972	1.897	2.007	2.294	2.778
1881	18.80	3.515	4.576	5.990	7.695	9.496	11.073	12.043	12.057	10.918	8.654
1891	18.90	5.543	2.944	-1.316	-4.084	-6.002	-7.052	-7.438	-7.489	-7.537	-7.808
1901	19.00	-8.355	-9.057	-9.678	-9.953	-9.673	-8.747	-7.223	-5.260	-3.089	-0.946
1911	19.10	0.971	2.538	3.720	4.559	5.152	5.628	6.107	6.674	7.361	8.134
1921	19.20	8.907	9.558	9.962	10.022	9.697	9.017	8.075	7.016	6.005	5.190
1931	19.30	4.672	4.473	4.533	4.716	4.835	4.698	4.146	3.096	1.550	-0.408
1941	19.40	-2.640	-4.997	-7.349	-9.609	-11.730	-13.687	-15.456	-16.990	-18.223	-19.075
1951	19.50	-19.481	-19.408	-18.866	-17.908	-16.610	-15.057	-13.323	-11.473	-9.556	-7.618
1961	19.60	-5.696	-3.821	-2.014	-0.280	1.384	2.981	4.506	5.939	7.255	8.438
1971	19.70	9.495	10.465	11.405	12.361	13.339	14.279	15.059	15.521	15.524	14.991
1981	19.80	13.943	12.491	10.801	9.032	7.273	5.515	3.658	1.556	-0.914	-3.782
1991	19.90	-6.954	-10.205	-13.237	-15.741	-17.483	-18.351	-18.382	-17.729	-16.617	-15.269

Table 7-78-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1270 206-GR-1-50 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -29.483 (GAL) T= 16.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-13.856	-12.464	-11.102	-9.727	-8.288	-6.759	-5.153	-3.513	-1.882	-0.281
2011	20.10	1.309	2.938	4.658	6.492	8.408	10.311	12.067	13.539	14.617	15.253
2021	20.20	15.459	15.292	14.836	14.177	13.390	12.545	11.701	10.914	10.229	9.665
2031	20.30	9.208	8.808	8.387	7.865	7.181	6.305	5.240	4.012	2.653	1.187
2041	20.40	-0.373	-2.013	-3.715	-5.442	-7.146	-8.776	-10.285	-11.645	-12.837	-13.841
2051	20.50	-14.632	-15.173	-15.423	-15.355	-14.971	-14.299	-13.385	-12.272	-10.974	-9.477
2061	20.60	-7.748	-5.765	-3.554	-1.202	1.145	3.320	5.181	6.651	7.738	8.523
2071	20.70	9.118	9.618	10.062	10.422	10.614	10.536	10.104	9.279	8.075	6.544
2081	20.80	4.761	2.804	0.742	-1.358	-3.422	-5.364	-7.082	-8.475	-9.460	-9.990
2091	20.90	-10.070	-9.750	-9.119	-8.274	-7.307	-6.281	-5.231	-4.171	-3.105	-2.048
2101	21.00	-1.031	-0.103	0.683	1.289	1.704	1.952	2.092	2.191	2.315	2.506
2111	21.10	2.781	3.137	3.566	4.066	4.649	5.326	6.100	6.944	7.790	8.543
2121	21.20	9.093	9.345	9.243	8.772	7.958	6.844	5.472	3.866	2.035	-0.014
2131	21.30	-2.251	-4.607	-6.963	-9.164	-11.036	-12.418	-13.190	-13.297	-12.751	-11.634
2141	21.40	-10.081	-8.257	-6.332	-4.456	-2.737	-1.234	0.045	1.126	2.049	2.839
2151	21.50	3.497	3.995	4.290	4.351	4.181	3.834	3.407	3.028	2.820	2.872
2161	21.60	3.218	3.830	4.633	5.516	6.366	7.077	7.575	7.821	7.819	7.618
2171	21.70	7.303	6.983	6.766	6.725	6.873	7.149	7.424	7.540	7.358	6.801
2181	21.80	5.890	4.737	3.505	2.359	1.399	0.633	-0.027	-0.734	-1.668	-2.886
2191	21.90	-4.484	-6.398	-8.516	-10.698	-12.803	-14.709	-16.317	-17.542	-18.307	-18.569
2201	22.00	-18.224	-17.327	-15.898	-14.023	-11.819	-9.413	-6.918	-4.431	-2.027	0.230
2211	22.10	2.274	4.038	5.459	6.497	7.152	7.471	7.549	7.513	7.496	7.605
2221	22.20	7.896	8.358	8.908	9.407	9.688	9.604	9.074	8.114	6.856	5.520
2231	22.30	4.358	3.586	3.306	3.476	3.914	4.358	4.552	4.324	3.644	2.617
2241	22.40	1.439	0.317	-0.595	-1.241	-1.659	-1.949	-2.223	-2.572	-3.047	-3.670
2251	22.50	-4.448	-5.386	-6.474	-7.678	-8.924	-10.106	-11.108	-11.850	-12.318	-12.573
2261	22.60	-12.714	-12.829	-12.926	-12.907	-12.588	-11.759	-10.277	-8.141	-5.518	-2.703
2271	22.70	-0.035	2.211	3.906	5.092	5.943	6.681	7.486	8.427	9.454	10.431
2281	22.80	11.205	11.670	11.804	11.665	11.357	10.980	10.588	10.174	9.686	9.052
2291	22.90	8.216	7.158	5.893	4.457	2.889	1.216	-0.548	-2.394	-4.300	-6.217
2301	23.00	-8.073	-9.778	-11.265	-12.415	-13.265	-13.808	-14.078	-14.112	-13.924	-13.499
2311	23.10	-12.796	-11.765	-10.372	-8.623	-6.573	-4.320	-1.984	0.320	2.515	4.572
2321	23.20	6.512	8.386	10.242	12.093	13.894	15.540	16.885	17.777	18.104	17.831
2331	23.30	17.020	15.821	14.435	13.062	11.840	10.812	9.912	8.993	7.873	6.404
2341	23.40	4.522	2.272	-0.200	-2.686	-4.967	-6.873	-8.310	-9.271	-9.828	-10.096
2351	23.50	-10.207	-10.275	-10.376	-10.531	-10.704	-10.800	-10.683	-10.205	-9.247	-7.758
2361	23.60	-5.786	-3.479	-1.058	1.237	3.211	4.764	5.903	6.725	7.358	7.897
2371	23.70	8.364	8.693	8.757	8.426	7.621	6.353	4.721	2.890	1.034	-0.703
2381	23.80	-2.237	-3.543	-4.661	-5.565	-6.347	-7.009	-7.565	-8.029	-8.412	-8.721
2391	23.90	-8.946	-9.047	-8.960	-8.612	-7.945	-6.949	-5.666	-4.200	-2.682	-1.248
2401	24.00	0.000	1.017	1.815	2.450	3.002	3.541	4.106	4.691	5.240	5.659
2411	24.10	5.832	5.650	5.041	3.993	2.577	0.945	-0.687	-2.081	-3.025	-3.380
2421	24.20	-3.118	-2.322	-1.169	0.120	1.339	2.346	3.087	3.596	3.963	4.288
2431	24.30	4.630	4.985	5.276	5.385	5.188	4.605	3.629	2.327	0.828	-0.722
2441	24.40	-2.193	-3.506	-4.639	-5.618	-6.482	-7.260	-7.948	-8.507	-8.874	-8.989
2451	24.50	-8.816	-8.357	-7.657	-6.784	-5.818	-4.826	-3.848	-2.893	-1.939	-0.949
2461	24.60	0.111	1.260	2.474	3.687	4.791	5.655	6.163	6.240	5.892	5.210
2471	24.70	4.351	3.502	2.826	2.417	2.271	2.296	2.351	2.288	2.009	1.494
2481	24.80	0.799	0.041	-0.642	-1.125	-1.324	-1.203	-0.780	-0.113	0.707	1.569
2491	24.90	2.354	2.953	3.281	3.293	2.992	2.419	1.643	0.738	-0.226	-1.190

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TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1270 206-GR-1-50 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -29.483 (GAL) T= 16.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-2.098	-2.886	-3.476	-3.781	-3.728	-3.283	-2.477	-1.408	-0.228	0.894
2511	25.10	1.812	2.440	2.764	2.836	2.747	2.595	2.455	2.367	2.330	2.318
2521	25.20	2.291	2.214	2.061	1.826	1.515	1.146	0.742	0.328	-0.078	-0.460
2531	25.30	-0.806	-1.107	-1.361	-1.572	-1.761	-1.967	-2.243	-2.642	-3.190	-3.862
2541	25.40	-4.562	-5.132	-5.385	-5.153	-4.343	-2.981	-1.212	0.722	2.539	3.985
2551	25.50	4.882	5.158	4.848	4.075	3.019	1.883	0.866	0.129	-0.233	-0.215
2561	25.60	0.089	0.505	0.828	0.887	0.614	0.071	-0.560	-1.036	-1.146	-0.778
2571	25.70	0.039	1.163	2.404	3.610	4.716	5.757	6.814	7.953	9.160	10.331
2581	25.80	11.302	11.921	12.108	11.884	11.350	10.622	9.765	8.753	7.480	5.814
2591	25.90	3.670	1.067	-1.660	-4.889	-7.781	-10.333	-12.423	-14.005	-15.089	-15.705
2601	26.00	-15.891	-15.688	-15.158	-14.390	-13.496	-12.581	-11.713	-10.903	-10.104	-9.248
2611	26.10	-8.282	-7.209	-6.088	-5.008	-4.048	-3.230	-2.511	-1.801	-1.006	-0.075
2621	26.20	0.981	2.102	3.216	4.294	5.366	6.517	7.836	9.358	11.016	12.642
2631	26.30	14.000	14.864	15.084	14.630	13.591	12.128	10.409	8.554	6.606	4.548
2641	26.40	2.346	-0.002	-2.431	-4.808	-6.958	-8.708	-9.933	-10.577	-10.660	-10.261
2651	26.50	-9.498	-8.495	-7.390	-6.284	-5.271	-4.412	-3.727	-3.200	-2.782	-2.414
2661	26.60	-2.051	-1.681	-1.336	-1.073	-0.953	-1.004	-1.208	-1.501	-1.801	-2.044
2671	26.70	-2.211	-2.338	-2.496	-2.755	-3.141	-3.613	-4.066	-4.363	-4.384	-4.062
2681	26.80	-3.405	-2.495	-1.457	-0.428	0.479	1.194	1.692	1.991	2.146	2.232
2691	26.90	2.335	2.527	2.845	3.269	3.720	4.071	4.193	3.997	3.477	2.722
2701	27.00	1.889	1.155	0.654	0.432	0.439	0.559	0.658	0.638	0.461	0.146
2711	27.10	-0.260	-0.719	-1.215	-1.752	-2.324	-2.888	-3.353	-3.593	-3.486	-2.963
2721	27.20	-2.035	-0.792	0.622	2.062	3.413	4.613	5.648	6.530	7.275	7.892
2731	27.30	8.388	8.777	9.089	9.358	9.604	9.810	9.912	9.815	9.421	8.675
2741	27.40	7.580	6.208	4.666	3.062	1.472	-0.069	-1.551	-2.955	-4.228	-5.281
2751	27.50	-6.009	-6.339	-6.263	-5.854	-5.250	-4.598	-4.002	-3.487	-2.998	-2.437
2761	27.60	-1.718	-0.823	0.175	1.124	1.843	2.176	2.043	1.459	0.528	-0.595
2771	27.70	-1.739	-2.751	-3.517	-3.967	-4.068	-3.828	-3.287	-2.516	-1.611	-0.672
2781	27.80	0.213	0.989	1.665	2.207	2.721	3.223	3.721	4.188	4.568	4.797
2791	27.90	4.831	4.654	4.286	3.772	3.162	2.504	1.834	1.183	0.582	0.066
2801	28.00	-0.332	-0.592	-0.721	-0.762	-0.786	-0.874	-1.093	-1.472	-1.995	-2.607
2811	28.10	-3.231	-3.793	-4.237	-4.531	-4.665	-4.638	-4.455	-4.128	-3.674	-3.132
2821	28.20	-2.554	-2.003	-1.540	-1.203	-1.002	-0.912	-0.890	-0.884	-0.855	-0.789
2831	28.30	-0.705	-0.650	-0.691	-0.901	-1.332	-1.995	-2.842	-3.761	-4.594	-5.176
2841	28.40	-5.381	-5.171	-4.607	-3.836	-3.032	-2.333	-1.780	-1.304	-0.757	0.018
2851	28.50	1.104	2.459	3.918	5.242	6.210	6.692	6.692	6.329	5.775	5.178
2861	28.60	4.610	4.059	3.459	2.752	1.936	1.074	0.274	-0.364	-0.794	-1.044
2871	28.70	-1.196	-1.346	-1.558	-1.837	-2.129	-2.352	-2.430	-2.316	-2.004	-1.515
2881	28.80	-0.891	-0.178	0.561	1.248	1.793	2.105	2.128	1.864	1.384	0.801
2891	28.90	0.231	-0.264	-0.706	-1.193	-1.860	-2.807	-4.043	-5.464	-6.875	-8.051
2901	29.00	-8.817	-9.098	-8.940	-8.478	-7.884	-7.302	-6.810	-6.405	-6.025	-5.582
2911	29.10	-4.994	-4.212	-3.226	-2.059	-0.758	0.615	1.996	3.321	4.529	5.568
2921	29.20	6.392	6.962	7.244	7.216	6.871	6.227	5.338	4.292	3.197	2.164
2931	29.30	1.281	0.595	0.114	-0.185	-0.329	-0.333	-0.192	0.106	0.560	1.137
2941	29.40	1.765	2.345	2.778	3.000	3.000	2.820	2.539	2.235	1.965	1.248
2951	29.50	1.565	1.377	1.146	0.842	0.453	-0.016	-0.548	-1.112	-1.661	-2.132
2961	29.60	-2.450	-2.548	-2.385	-1.960	-1.322	-0.557	0.238	0.978	1.616	2.144
2971	29.70	2.583	2.967	3.321	3.656	3.969	4.254	4.516	4.770	5.036	5.321
2981	29.80	5.614	5.874	6.043	6.057	5.874	5.481	4.900	4.182	3.387	2.571
2991	29.90	1.778	1.034	0.351	-0.258	-0.777	-1.189	-1.474	-1.624	-1.650	-1.586

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TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1270 206-GR-1-50 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -29.483 (GAL) T= 16.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-1.485	-1.404	-1.393	-1.475	-1.637	-1.836	-2.007	-2.087	-2.034	-1.843
3011	30.10	-1.544	-1.202	-0.887	-0.663	-0.569	-0.607	-0.750	-0.943	-1.118	-1.202
3021	30.20	-1.130	-0.855	-0.362	0.330	1.154	2.010	2.779	3.350	3.645	3.645
3031	30.30	3.388	2.959	2.457	1.967	1.535	1.156	0.787	0.370	-0.143	-0.765
3041	30.40	-1.466	-2.184	-2.835	-3.336	-3.627	-3.682	-3.512	-3.168	-2.726	-2.272
3051	30.50	-1.886	-1.622	-1.501	-1.501	-1.577	-1.677	-1.768	-1.852	-1.971	-2.190
3061	30.60	-2.576	-3.160	-3.920	-4.776	-5.606	-6.280	-6.695	-6.805	-6.628	-6.237
3071	30.70	-5.728	-5.191	-4.683	-4.219	-3.779	-3.323	-2.816	-2.243	-1.618	-0.978
3081	30.80	-0.367	0.173	0.619	0.968	1.234	1.440	1.609	1.754	1.685	2.006
3091	30.90	2.126	2.262	2.439	2.684	3.017	3.437	3.919	4.417	4.876	5.247
3101	31.00	5.506	5.660	5.738	5.782	5.823	5.865	5.887	5.851	5.730	5.525
3111	31.10	5.278	5.060	4.942	4.958	5.070	5.168	5.092	4.676	3.807	2.467
3121	31.20	0.746	-1.183	-3.114	-4.869	-6.339	-7.505	-8.421	-9.175	-9.848	-10.486
3131	31.30	-11.089	-11.627	-12.059	-12.355	-12.505	-12.514	-12.392	-12.150	-11.790	-11.313
3141	31.40	-10.720	-10.004	-9.150	-8.116	-6.845	-5.272	-3.358	-1.124	1.331	3.833
3151	31.50	6.177	8.177	9.727	10.831	11.588	12.147	12.639	13.117	13.536	13.777
3161	31.60	13.696	13.195	12.264	10.989	9.519	8.013	6.590	5.304	4.146	3.077
3171	31.70	2.064	1.101	0.213	-0.563	-1.193	-1.665	-1.980	-2.145	-2.155	-2.000
3181	31.80	-1.676	-1.210	-0.674	-0.180	0.153	0.237	0.063	-0.293	-0.689	-0.971
3191	31.90	-1.031	-0.856	-0.536	-0.224	-0.084	-0.218	-0.633	-1.226	-1.827	-2.242
3201	32.00	-2.320	-1.982	-1.239	-0.179	1.060	2.325	3.469	4.381	4.992	5.282
3211	32.10	5.281	5.054	4.684	4.247	3.794	3.335	2.842	2.261	1.536	0.623
3221	32.20	-0.499	-1.822	-3.319	-4.949	-6.657	-8.380	-10.045	-11.576	-12.903	-13.970
3231	32.30	-14.745	-15.208	-15.341	-15.106	-14.449	-13.302	-11.620	-9.415	-6.782	-3.897
3241	32.40	-0.986	1.732	4.101	6.063	7.649	8.939	10.009	10.877	11.494	11.764
3251	32.50	11.593	10.946	9.875	8.509	7.016	5.553	4.213	3.018	1.932	0.894
3261	32.60	-0.142	-1.181	-2.193	-3.119	-3.898	-4.483	-4.845	-4.975	-4.880	-4.586
3271	32.70	-4.138	-3.600	-3.049	-2.552	-2.153	-1.849	-1.600	-1.339	-1.002	-0.554
3281	32.80	0.001	0.626	1.272	1.894	2.470	2.990	3.440	3.796	4.013	4.053
3291	32.90	3.904	3.607	3.255	2.972	2.873	3.012	3.363	3.822	4.243	4.482
3301	33.00	4.444	4.097	3.470	2.623	1.620	0.512	-0.660	-1.854	-3.015	-4.068
3311	33.10	-4.942	-5.581	-5.975	-6.157	-6.192	-6.147	-6.069	-5.963	-5.797	-5.521
3321	33.20	-5.089	-4.480	-3.707	-2.807	-1.834	-0.848	0.093	0.930	1.609	2.085
3331	33.30	2.331	2.350	2.176	1.871	1.507	1.143	0.814	0.525	0.265	0.020
3341	33.40	-0.209	-0.401	-0.527	-0.556	-0.482	-0.321	-0.109	0.115	0.321	0.502
3351	33.50	0.670	0.844	1.042	1.272	1.528	1.800	2.077	2.352	2.612	2.836
3361	33.60	2.993	3.051	2.945	2.692	2.304	1.836	1.365	0.971	0.707	0.594
3371	33.70	0.616	0.732	0.895	1.062	1.203	1.301	1.344	1.331	1.267	1.174
3381	33.80	1.091	1.072	1.174	1.436	1.874	2.466	3.166	3.917	4.664	5.364
3391	33.90	5.986	6.499	6.866	7.043	6.990	6.684	6.145	5.431	4.632	3.841
3401	34.00	3.122	2.488	1.899	1.279	0.548	-0.339	-1.371	-2.472	-3.518	-4.371
3411	34.10	-4.910	-5.065	-4.833	-4.281	-3.530	-2.732	-2.030	-1.530	-1.275	-1.239
3421	34.20	-1.339	-1.472	-1.551	-1.545	-1.486	-1.462	-1.581	-1.919	-2.494	-3.254
3431	34.30	-4.094	-4.897	-5.576	-6.092	-6.457	-6.705	-6.865	-6.941	-6.919	-6.783
3441	34.40	-6.546	-6.259	-5.999	-5.829	-5.765	-5.750	-5.670	-5.393	-4.835	-3.998
3451	34.50	-2.978	-1.931	-1.005	-0.279	0.273	0.759	1.318	2.041	2.922	3.850
3461	34.60	4.642	5.120	5.176	4.816	4.148	3.342	2.571	1.957	1.552	1.350
3471	34.70	1.311	1.395	1.570	1.813	2.095	2.375	2.602	2.736	2.767	2.723
3481	34.80	2.663	2.642	2.678	2.733	2.712	2.498	1.998	1.191	0.138	-1.027
3491	34.90	-2.146	-3.096	-3.833	-4.397	-4.893	-5.431	-6.068	-6.774	-7.428	-7.856

Table 7-78-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1270 206-GR-1-50 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -29.483 (GAL) T= 16.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-7.902	-7.479	-6.616	-5.445	-4.156	-2.929	-1.869	-0.972	-0.138	0.775
3511	35.10	1.878	3.193	4.627	5.999	7.105	7.792	8.016	7.857	7.477	7.059
3521	35.20	6.732	6.527	6.382	6.183	5.833	5.303	4.652	4.005	3.499	3.221
3531	35.30	3.175	3.281	3.409	3.430	3.266	2.908	2.401	1.818	1.217	0.621
3541	35.40	0.016	-0.634	-1.359	-2.170	-3.048	-3.958	-4.863	-5.730	-6.535	-7.252
3551	35.50	-7.843	-8.260	-8.449	-8.369	-8.014	-7.427	-6.692	-5.923	-5.229	-4.692
3561	35.60	-4.342	-4.154	-4.064	-3.983	-3.832	-3.561	-3.158	-2.652	-2.089	-1.521
3571	35.70	-0.976	-0.457	0.065	0.628	1.265	1.983	2.757	3.543	4.293	4.981
3581	35.80	5.606	6.188	6.741	7.248	7.644	7.821	7.661	7.082	6.077	4.728
3591	35.90	3.190	1.647	0.262	-0.868	-1.713	-2.298	-2.658	-2.812	-2.747	-2.437
3601	36.00	-1.872	-1.087	-0.172	0.755	1.584	2.256	2.777	3.208	3.628	4.084
3611	36.10	4.561	4.985	5.250	5.265	4.995	4.480	3.815	3.124	2.514	2.053
3621	36.20	1.761	1.621	1.595	1.636	1.693	1.711	1.630	1.394	0.969	0.359
3631	36.30	-0.380	-1.158	-1.865	-2.414	-2.758	-2.910	-2.922	-2.875	-2.842	-2.882
3641	36.40	-3.026	-3.290	-3.674	-4.167	-4.743	-5.358	-5.953	-6.470	-6.863	-7.120
3651	36.50	-7.255	-7.300	-7.270	-7.144	-6.858	-6.326	-5.479	-4.311	-2.905	-1.419
3661	36.60	-0.055	1.013	1.688	1.984	2.011	1.940	1.936	2.112	2.495	3.036
3671	36.70	3.629	4.153	4.505	4.616	4.465	4.070	3.480	2.767	2.007	1.274
3681	36.80	0.621	0.077	-0.352	-0.681	-0.922	-1.083	-1.155	-1.127	-0.998	-0.796
3691	36.90	-0.575	-0.410	-0.367	-0.482	-0.740	-1.079	-1.412	-1.654	-1.754	-1.705
3701	37.00	-1.540	-1.314	-1.082	-0.883	-0.734	-0.631	-0.556	-0.476	-0.346	-0.114
3711	37.10	0.270	0.833	1.558	2.377	3.170	3.808	4.188	4.278	4.132	3.868
3721	37.20	3.626	3.504	3.522	3.617	3.682	3.627	3.440	3.210	3.105	3.309
3731	37.30	3.941	4.992	6.312	7.637	8.671	9.168	9.000	8.183	6.864	5.267
3741	37.40	3.635	2.174	1.015	0.201	-0.307	-0.613	-0.854	-1.171	-1.669	-2.396
3751	37.50	-3.322	-4.350	-5.342	-6.161	-6.714	-6.972	-6.981	-6.829	-6.615	-6.415
3761	37.60	-6.253	-6.111	-5.942	-5.690	-5.315	-4.795	-4.124	-3.306	-2.350	-1.275
3771	37.70	-0.114	1.083	2.254	3.342	4.304	5.118	5.775	6.259	6.524	6.489
3781	37.80	6.051	5.124	3.683	1.795	-0.382	-2.629	-4.724	-6.506	-7.911	-8.974
3791	37.90	-9.793	-10.473	-11.071	-11.573	-11.898	-11.939	-11.612	-10.893	-9.835	-8.551
3801	38.00	-7.179	-5.840	-4.617	-3.535	-2.580	-1.707	-0.871	-0.031	0.833	1.733
3811	38.10	2.670	3.644	4.654	5.694	6.749	7.797	8.803	9.725	10.530	11.197
3821	38.20	11.731	12.160	12.523	12.850	13.142	13.354	13.397	13.158	12.534	11.470
3831	38.30	9.984	8.167	6.164	4.128	2.187	0.407	-1.205	-2.685	-4.084	-5.437
3841	38.40	-6.748	-7.987	-9.107	-10.055	-10.791	-11.292	-11.557	-11.605	-11.478	-11.237
3851	38.50	-10.947	-10.659	-10.388	-10.091	-9.673	-9.013	-8.009	-6.638	-4.985	-3.240
3861	38.60	-1.656	-0.465	0.196	0.334	0.099	-0.266	-0.502	-0.435	-0.005	0.714
3871	38.70	1.558	2.334	2.882	3.110	3.007	2.630	2.072	1.445	0.853	0.386
3881	38.80	0.111	0.086	0.244	0.616	1.121	1.694	2.280	2.849	3.389	3.901
3891	38.90	4.373	4.779	5.077	5.231	5.231	5.104	4.909	4.710	4.546	4.405
3901	39.00	4.227	3.925	3.424	2.703	1.815	0.875	0.029	-0.590	-0.907	-0.918
3911	39.10	-0.687	-0.322	0.054	0.337	0.457	0.395	0.179	-0.117	-0.395	-0.558
3921	39.20	-0.544	-0.362	-0.100	0.082	0.008	-0.449	-1.300	-2.406	-3.498	-4.246
3931	39.30	-4.367	-3.721	-2.363	-0.532	1.428	3.168	4.445	5.169	5.399	5.283
3941	39.40	4.972	4.552	4.019	3.293	2.276	0.912	-0.773	-2.663	-4.578	-6.320
3951	39.50	-7.712	-8.631	-9.014	-8.860	-8.219	-7.187	-5.899	-4.510	-3.178	-2.025
3961	39.60	-1.114	-0.432	0.101	0.597	1.150	1.794	2.487	3.122	3.568	3.725
3971	39.70	3.564	3.142	2.581	2.029	1.612	1.402	1.406	1.585	1.875	2.218
3981	39.80	2.576	2.925	3.251	3.538	3.761	3.895	3.919	3.826	3.618	3.306
3991	39.90	2.900	2.408	1.840	1.224	0.605	0.048	-0.384	-0.648	-0.750	-0.744

Table 7-78-9

TABLE OF CORRECTED ACCELERATION RECORD

NO. 9

INDEX NO. 1270 206-GR-1-50 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -29.483 (GAL) T= 16.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.727	-0.795	-1.012	-1.373	-1.804	-2.182	-2.380	-2.313	-1.973	-1.432
4011	40.10	-0.820	-0.283	0.062	0.162	0.031	-0.257	-0.599	-0.889	-1.043	-1.011
4021	40.20	-0.780	-0.370	0.169	0.765	1.327	1.765	2.004	1.998	1.746	1.296
4031	40.30	0.731	0.150	-0.353	-0.711	-0.895	-0.913	-0.801	-0.611	-0.401	-0.226
4041	40.40	-0.127	-0.132	-0.252	-0.473	-0.765	-1.091	-1.415	-1.726	-2.037	-2.390
4051	40.50	-2.832	-3.391	-4.052	-4.743	-5.366	-5.723	-5.759	-5.394	-4.648	-3.606
4061	40.60	-2.396	-1.146	0.046	1.124	2.070	2.878	3.534	4.004	4.241	4.210
4071	40.70	3.912	3.400	2.775	2.161	1.668	1.366	1.269	1.365	1.537	1.794
4081	40.80	2.086	2.406	2.758	3.136	3.510	3.829	4.035	4.083	3.965	3.708
4091	40.90	3.371	3.017	2.693	2.408	2.137	1.822	1.397	0.800	-0.003	-1.010
4101	41.00	-2.180	-3.426	-4.624	-5.626	-6.279	-6.461	-6.109	-5.243	-3.974	-2.489
4111	41.10	-1.012	0.241	1.104	1.491	1.401	0.909	0.134	-0.787	-1.724	-2.571
4121	41.20	-3.253	-3.731	-3.998	-4.076	-4.001	-3.812	-3.526	-3.129	-2.580	-1.827
4131	41.30	-0.839	0.357	1.662	2.906	3.883	4.403	4.349	3.713	2.601	1.203
4141	41.40	-0.256	-1.577	-2.622	-3.337	-3.733	-3.861	-3.781	-3.538	-3.159	-2.662
4151	41.50	-2.068	-1.415	-0.756	-0.151	0.349	0.720	0.969	1.136	1.277	1.453
4161	41.60	1.703	2.039	2.432	2.825	3.146	3.328	3.331	3.152	2.826	2.413
4171	41.70	1.975	1.556	1.168	0.790	0.384	-0.083	-0.626	-1.227	-1.847	-2.439
4181	41.80	-2.962	-3.401	-3.759	-4.050	-4.283	-4.458	-4.564	-4.588	-4.536	-4.432
4191	41.90	-4.319	-4.240	-4.215	-4.225	-4.204	-4.054	-3.662	-2.936	-1.826	-0.339
4201	42.00	1.463	3.468	5.536	7.519	9.283	10.734	11.830	12.584	13.058	13.327
4211	42.10	13.447	13.413	13.146	12.506	11.334	9.514	7.029	3.993	0.636	-2.750
4221	42.20	-5.885	-8.569	-10.718	-12.354	-13.570	-14.459	-15.075	-15.413	-15.428	-15.070
4231	42.30	-14.328	-13.245	-11.911	-10.428	-8.874	-7.283	-5.645	-3.932	-2.139	-0.306
4241	42.40	1.481	3.105	4.464	5.497	6.208	6.654	6.916	7.074	7.174	7.237
4251	42.50	7.262	7.260	7.263	7.328	7.515	7.863	8.361	8.941	9.487	9.868
4261	42.60	9.969	9.725	9.132	8.237	7.123	5.884	4.603	3.343	2.148	1.042
4271	42.70	0.032	-0.892	-1.759	-2.609	-3.481	-4.394	-5.333	-6.238	-7.017	-7.573
4281	42.80	-7.841	-7.815	-7.555	-7.171	-6.779	-6.455	-6.197	-5.927	-5.515	-4.834
4291	42.90	-3.818	-2.496	-0.994	0.500	1.793	2.743	3.294	3.484	3.413	3.206
4301	43.00	2.968	2.759	2.590	2.437	2.256	2.000	1.634	1.136	0.506	-0.230
4311	43.10	-1.016	-1.767	-2.387	-2.791	-2.936	-2.841	-2.584	-2.282	-2.044	-1.929
4321	43.20	-1.919	-1.928	-1.833	-1.529	-0.974	-0.215	0.635	1.428	2.043	2.423
4331	43.30	2.588	2.623	2.637	2.728	2.949	3.306	3.765	4.269	4.753	5.147
4341	43.40	5.381	5.384	5.099	4.493	3.583	2.437	1.169	-0.088	-1.216	-2.139
4351	43.50	-2.831	-3.308	-3.599	-3.723	-3.680	-3.460	-3.065	-2.536	-1.956	-1.441
4361	43.60	-1.097	-0.987	-1.100	-1.354	-1.625	-1.790	-1.773	-1.564	-1.221	-0.838
4371	43.70	-0.509	-0.300	-0.232	-0.283	-0.403	-0.528	-0.592	-0.536	-0.322	0.059
4381	43.80	0.569	1.119	1.577	1.804	1.699	1.245	0.536	-0.247	-0.888	-1.217
4391	43.90	-1.177	-0.857	-0.463	-0.245	-0.396	-0.974	-1.868	-2.832	-3.560	-3.794
4401	44.00	-3.392	-2.370	-0.873	0.877	2.653	4.270	5.609	6.603	7.220	7.441
4411	44.10	7.263	6.706	5.830	4.735	3.548	2.390	1.346	0.446	-0.330	-1.029
4421	44.20	-1.693	-2.333	-2.925	-3.420	-3.778	-3.988	-4.075	-4.097	-4.117	-4.180
4431	44.30	-4.293	-4.428	-4.538	-4.573	-4.507	-4.341	-4.099	-3.818	-3.530	-3.250
4441	44.40	-2.965	-2.639	-2.212	-1.617	-0.796	0.273	1.558	2.963	4.330	5.466
4451	44.50	6.191	6.385	6.020	5.176	4.019	2.750	1.552	0.550	-0.210	-0.742
4461	44.60	-1.089	-1.284	-1.333	-1.219	-0.925	-0.470	0.074	0.581	0.905	0.918
4471	44.70	0.556	-0.151	-1.088	-2.078	-2.931	-3.492	-3.683	-3.521	-3.111	-2.617
4481	44.80	-2.219	-2.058	-2.191	-2.566	-3.024	-3.334	-3.259	-2.624	-1.381	0.368
4491	44.90	2.381	4.339	5.920	6.889	7.145	6.741	5.855	4.734	3.627	2.731

Table 7-78-10

TABLE OF CORRECTED ACCELERATION RECORD

NO.10

INDEX NO. 1270 206-GR-1-50 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -29.483 (GAL) T= 16.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	2.153	1.903	1.912	2.057	2.203	2.241	2.111	1.825	1.463	1.143
4511	45.10	0.987	1.069	1.382	1.825	2.229	2.405	2.205	1.570	0.545	-0.738
4521	45.20	-2.116	-3.441	-4.623	-5.634	-6.487	-7.198	-7.760	-8.126	-8.239	-8.060
4531	45.30	-7.603	-6.946	-6.217	-5.554	-5.061	-4.778	-4.674	-4.663	-4.638	-4.506
4541	45.40	-4.205	-3.719	-3.062	-2.275	-1.410	-0.526	0.321	1.086	1.741	2.284
4551	45.50	2.736	3.129	3.483	3.787	3.989	4.009	3.770	3.236	2.442	1.498
4561	45.60	0.568	-0.182	-0.628	-0.728	-0.523	-0.112	0.395	0.910	1.391	1.833
4571	45.70	2.241	2.604	2.887	3.038	3.022	2.851	2.598	2.385	2.333	2.520
4581	45.80	2.940	3.501	4.051	4.440	4.571	4.436	4.104	3.689	3.289	2.942
4591	45.90	2.611	2.212	1.657	0.913	0.034	-0.840	-1.524	-1.863	-1.686	-1.044
4601	46.00	-0.007	1.260	2.559	3.703	4.543	4.985	4.988	4.564	3.770	2.699
4611	46.10	1.467	0.193	-1.028	-2.144	-3.154	-4.098	-5.030	-5.976	-6.914	-7.766
4621	46.20	-8.418	-8.770	-8.769	-8.440	-7.878	-7.208	-6.541	-5.924	-5.331	-4.671
4631	46.30	-3.838	-2.757	-1.421	0.108	1.718	3.295	4.759	6.087	7.304	8.456
4641	46.40	9.566	10.613	11.520	12.177	12.470	12.322	11.720	10.718	9.427	7.984
4651	46.50	6.526	5.159	3.950	2.924	2.072	1.364	0.762	0.224	-0.286	-0.797
4661	46.60	-1.327	-1.879	-2.434	-2.954	-3.382	-3.656	-3.729	-3.585	-3.253	-2.805
4671	46.70	-2.338	-1.948	-1.695	-1.586	-1.574	-1.576	-1.506	-1.317	-1.015	-0.665
4681	46.80	-0.361	-0.192	-0.212	-0.419	-0.768	-1.191	-1.627	-2.045	-2.439	-2.824
4691	46.90	-3.206	-3.566	-3.865	-4.050	-4.086	-3.970	-3.740	-3.468	-3.231	-3.087
4701	47.00	-3.057	-3.120	-3.224	-3.308	-3.316	-3.212	-2.988	-2.654	-2.234	-1.764
4711	47.10	-1.279	-0.813	-0.391	-0.027	0.276	0.523	0.720	0.868	0.957	0.979
4721	47.20	0.937	0.858	0.800	0.834	1.020	1.376	1.857	2.355	2.733	2.868
4731	47.30	2.700	2.256	1.648	1.030	0.548	0.293	0.282	0.469	0.780	1.153
4741	47.40	1.562	2.013	2.520	3.080	3.651	4.159	4.526	4.696	4.655	4.430
4751	47.50	4.061	3.573	2.959	2.187	1.227	0.093	-1.138	-2.334	-3.339	-4.036
4761	47.60	-4.389	-4.453	-4.360	-4.262	-4.274	-4.440	-4.734	-5.086	-5.435	-5.756
4771	47.70	-6.068	-6.422	-6.849	-7.336	-7.814	-8.177	-8.320	-8.179	-7.747	-7.069
4781	47.80	-6.217	-5.257	-4.232	-3.168	-2.093	-1.056	-0.135	0.581	1.030	1.206
4791	47.90	1.189	1.128	1.203	1.565	2.292	3.355	4.635	5.953	7.132	8.036
4801	48.00	8.608	8.864	8.877	8.741	8.539	8.312	8.054	7.713	7.211	6.469
4811	48.10	5.444	4.147	2.655	1.099	-0.367	-1.610	-2.554	-3.202	-3.631	-3.955
4821	48.20	-4.276	-4.648	-5.050	-5.404	-5.611	-5.595	-5.343	-4.908	-4.385	-3.875
4831	48.30	-3.441	-3.086	-2.761	-2.392	-1.917	-1.313	-0.606	0.146	0.870	1.506
4841	48.40	2.014	2.366	2.548	2.545	2.352	1.986	1.502	0.990	0.566	0.328
4851	48.50	0.329	0.546	0.888	1.222	1.425	1.427	1.238	0.942	0.663	0.521
4861	48.60	0.591	0.881	1.348	1.916	2.510	3.074	3.580	4.015	4.367	4.620
4871	48.70	4.753	4.752	4.621	4.388	4.092	3.770	3.435	3.069	2.626	2.055
4881	48.80	1.325	0.443	-0.531	-1.503	-2.364	-3.017	-3.405	-3.515	-3.381	-3.068
4891	48.90	-2.658	-2.233	-1.871	-1.632	-1.562	-1.686	-2.002	-2.488	-3.096	-3.763
4901	49.00	-4.422	-5.012	-5.484	-5.812	-5.991	-6.032	-5.955	-5.785	-5.546	-5.253
4911	49.10	-4.917	-4.542	-4.130	-3.681	-3.202	-2.707	-2.211	-1.725	-1.249	-0.769
4921	49.20	-0.252	0.338	1.027	1.816	2.669	3.519	4.285	4.899	5.336	5.625
4931	49.30	5.851	6.124	6.543	7.156	7.933	8.766	9.492	9.941	9.981	9.560
4941	49.40	8.715	7.565	6.224	5.002	3.872	2.943	2.209	1.612	1.068	0.498
4951	49.50	-0.167	-0.956	-1.872	-2.890	-3.961	-5.018	-5.983	-6.772	-7.313	-7.555
4961	49.60	-7.480	-7.113	-6.510	-5.745	-4.896	-4.018	-3.141	-2.271	-1.404	-0.538
4971	49.70	0.312	1.111	1.817	2.394	2.829	3.140	3.371	3.580	3.819	4.120
4981	49.80	4.484	4.893	5.313	5.710	6.057	6.330	6.508	6.562	6.456	6.158
4991	49.90	5.638	4.906	3.992	2.954	1.863	0.788	-0.219	-1.123	-1.901	-2.532

Table 7-78-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1270 206-GR-1-50 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -29.483 (GAL) T= 16.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-2.984	-3.224	-3.226	-2.995	-2.588	-2.112	-1.709	-1.523	-1.654	-2.126
5011	50.10	-2.873	-3.753	-4.591	-5.226	-5.554	-5.556	-5.288	-4.857	-4.377	-3.932
5021	50.20	-3.553	-3.217	-2.863	-2.417	-1.821	-1.048	-0.110	0.943	2.042	3.106
5031	50.30	4.059	4.839	5.404	5.739	5.848	5.755	5.491	5.080	4.534	3.850
5041	50.40	3.012	2.007	0.843	-0.440	-1.762	-3.015	-4.082	-4.865	-5.305	-5.402
5051	50.50	-5.205	-4.805	-4.305	-3.796	-3.345	-2.982	-2.712	-2.519	-2.385	-2.290
5061	50.60	-2.219	-2.158	-2.096	-2.030	-1.961	-1.907	-1.901	-1.979	-2.169	-2.477
5071	50.70	-2.873	-3.290	-3.641	-3.840	-3.823	-3.568	-3.099	-2.475	-1.772	-1.064
5081	50.80	-0.411	0.149	0.588	0.888	1.039	1.038	0.902	0.674	0.420	0.220
5091	50.90	0.146	0.239	0.498	0.877	1.304	1.699	2.001	2.185	2.256	2.244
5101	51.00	2.180	2.085	1.956	1.774	1.509	1.139	0.655	0.068	-0.597	-1.306
5111	51.10	-2.033	-2.761	-3.493	-4.240	-5.014	-5.818	-6.628	-7.389	-8.018	-8.421
5121	51.20	-8.514	-8.246	-7.617	-6.684	-5.548	-4.329	-3.143	-2.075	-1.174	-0.452
5131	51.30	0.103	0.513	0.807	1.022	1.204	1.410	1.699	2.115	2.670	3.328
5141	51.40	4.010	4.615	5.051	5.266	5.261	5.090	4.830	4.551	4.291	4.045
5151	51.50	3.777	3.447	3.040	2.579	2.124	1.752	1.528	1.481	1.591	1.799
5161	51.60	2.025	2.196	2.267	2.228	2.105	1.946	1.801	1.712	1.702	1.769
5171	51.70	1.894	2.050	2.206	2.340	2.444	2.523	2.589	2.660	2.745	2.844
5181	51.80	2.942	3.016	3.038	2.984	2.840	2.609	2.312	1.988	1.692	1.485
5191	51.90	1.426	1.554	1.882	2.377	2.971	3.567	4.064	4.380	4.473	4.349
5201	52.00	4.059	3.675	3.267	2.884	2.535	2.198	1.828	1.381	0.824	0.150
5211	52.10	-0.619	-1.440	-2.257	-3.014	-3.668	-4.197	-4.600	-4.901	-5.128	-5.299
5221	52.20	-5.404	-5.394	-5.189	-4.700	-3.862	-2.669	-1.195	0.610	1.954	3.248
5231	52.30	4.163	4.658	4.791	4.686	4.488	4.311	4.202	4.130	4.009	3.730
5241	52.40	3.202	2.389	1.314	0.055	-1.273	-2.553	-3.681	-4.590	-5.254	-5.683
5251	52.50	-5.921	-6.022	-6.036	-5.993	-5.892	-5.706	-5.387	-4.894	-4.210	-3.357
5261	52.60	-2.395	-1.414	-0.502	0.273	0.880	1.330	1.662	1.921	2.144	2.340
5271	52.70	2.494	2.570	2.527	2.328	1.954	1.403	0.701	-0.101	-0.929	-1.693
5281	52.80	-2.306	-2.701	-2.854	-2.794	-2.595	-2.358	-2.172	-2.081	-2.063	-2.040
5291	52.90	-1.904	-1.555	-0.948	-0.107	0.883	1.899	2.823	3.572	4.109	4.435
5301	53.00	4.568	4.520	4.290	3.871	3.269	2.521	1.694	0.876	0.139	-0.481
5311	53.10	-1.005	-1.499	-2.046	-2.712	-3.511	-4.398	-5.280	-6.050	-6.618	-6.935
5321	53.20	-6.998	-6.836	-6.492	-6.002	-5.390	-4.672	-3.864	-2.993	-2.099	-1.229
5331	53.30	-0.424	0.288	0.895	1.397	1.798	2.095	2.275	2.318	2.202	1.915
5341	53.40	1.454	0.833	0.079	-0.759	-1.619	-2.422	-3.082	-3.520	-3.680	-3.544
5351	53.50	-3.141	-2.543	-1.841	-1.129	-0.471	0.102	0.593	1.023	1.412	1.766
5361	53.60	2.071	2.311	2.474	2.566	2.612	2.645	2.685	2.731	2.749	2.691
5371	53.70	2.511	2.189	1.739	1.212	0.681	0.212	-0.148	-0.379	-0.489	-0.494
5381	53.80	-0.411	-0.246	0.001	0.327	0.720	1.157	1.606	2.040	2.443	2.814
5391	53.90	3.156	3.466	3.718	3.868	3.858	3.645	3.223	2.633	1.964	1.328
5401	54.00	0.825	0.514	0.397	0.420	0.497	0.542	0.498	0.347	0.114	-0.156
5411	54.10	-0.418	-0.641	-0.818	-0.965	-1.108	-1.280	-1.514	-1.837	-2.271	-2.822
5421	54.20	-3.477	-4.194	-4.904	-5.514	-5.933	-6.091	-5.961	-5.570	-4.989	-4.313
5431	54.30	-3.639	-3.037	-2.534	-2.120	-1.750	-1.371	-0.935	-0.418	0.182	0.838
5441	54.40	1.510	2.155	2.737	3.243	3.684	4.091	4.512	4.990	5.549	6.183
5451	54.50	6.855	7.499	8.042	8.419	8.588	8.537	8.280	7.848	7.276	6.597
5461	54.60	5.833	4.997	4.096	3.137	2.130	1.093	0.058	-0.931	-1.815	-2.531
5471	54.70	-3.027	-3.277	-3.297	-3.146	-2.918	-2.717	-2.630	-2.699	-2.911	-3.207
5481	54.80	-3.503	-3.718	-3.805	-3.755	-3.595	-3.371	-3.125	-2.876	-2.619	-2.324
5491	54.90	-1.954	-1.479	-0.889	-0.199	0.550	1.298	1.977	2.520	2.877	3.025

Table 7-78-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1270 206-GR-1-50 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -29.483 (GAL) T= 16.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	2.969	2.741	2.389	1.961	1.495	1.010	0.514	0.011	-0.484	-0.938
5511	55.10	-1.306	-1.542	-1.620	-1.544	-1.355	-1.117	-0.898	-0.747	-0.688	-0.712
5521	55.20	-0.797	-0.918	-1.063	-1.229	-1.421	-1.637	-1.857	-2.050	-2.178	-2.218
5531	55.30	-2.164	-2.037	-1.870	-1.692	-1.519	-1.363	-1.145	-0.906	-0.623	-0.320
5541	55.40	-0.039	0.170	0.273	0.266	0.176	0.052	-0.049	-0.086	-0.042	0.074
5551	55.50	0.236	0.417	0.594	0.761	0.914	1.050	1.155	1.204	1.166	1.019
5561	55.60	0.758	0.405	0.003	-0.395	-0.740	-1.006	-1.187	-1.300	-1.370	-1.419
5571	55.70	-1.465	-1.514	-1.576	-1.661	-1.786	-1.967	-2.206	-2.479	-2.760	-2.929
5581	55.80	-2.996	-2.924	-2.743	-2.525	-2.359	-2.320	-2.428	-2.638	-2.846	-2.922
5591	55.90	-2.755	-2.290	-1.551	-0.630	0.339	1.229	1.949	2.463	2.787	2.969
5601	56.00	3.056	3.082	3.057	2.973	2.825	2.619	2.380	2.147	1.959	1.841
5611	56.10	1.795	1.802	1.829	1.841	1.813	1.731	1.592	1.399	1.153	0.852
5621	56.20	0.496	0.088	-0.358	-0.814	-1.245	-1.617	-1.902	-2.093	-2.191	-2.211
5631	56.30	-2.162	-2.049	-1.863	-1.590	-1.221	-0.759	-0.223	0.352	0.929	1.476
5641	56.40	1.978	2.430	2.838	3.199	3.501	3.722	3.832	3.817	3.683	3.460
5651	56.50	3.200	2.952	2.756	2.623	2.539	2.472	2.393	2.282	2.141	1.990
5661	56.60	1.855	1.755	1.698	1.680	1.682	1.686	1.670	1.621	1.525	1.370
5671	56.70	1.150	0.863	0.522	0.149	-0.218	-0.535	-0.758	-0.851	-0.791	-0.573
5681	56.80	-0.209	0.268	0.807	1.339	1.787	2.077	2.156	2.006	1.654	1.165
5691	56.90	0.627	0.123	-0.288	-0.591	-0.812	-1.002	-1.220	-1.510	-1.885	-2.331
5701	57.00	-2.809	-3.268	-3.661	-3.943	-4.085	-4.072	-3.911	-3.628	-3.278	-2.928
5711	57.10	-2.654	-2.516	-2.537	-2.698	-2.938	-3.168	-3.303	-3.285	-3.105	-2.803
5721	57.20	-2.456	-2.145	-1.932	-1.829	-1.798	-1.763	-1.631	-1.335	-0.869	-0.211
5731	57.30	0.497	1.167	1.706	2.064	2.247	2.311	2.339	2.400	2.526	2.700
5741	57.40	2.867	2.980	2.928	2.758	2.477	2.130	1.762	1.391	1.012	0.602
5751	57.50	0.145	-0.348	-0.835	-1.255	-1.553	-1.704	-1.728	-1.673	-1.600	-1.553
5761	57.60	-1.542	-1.550	-1.548	-1.516	-1.465	-1.428	-1.443	-1.528	-1.667	-1.815
5771	57.70	-1.918	-1.945	-1.910	-1.867	-1.886	-2.017	-2.250	-2.515	-2.696	-2.681
5781	57.80	-2.404	-1.880	-1.198	-0.493	0.102	0.498	0.675	0.667	0.541	0.360
5791	57.90	0.160	-0.052	-0.291	-0.564	-0.864	-1.161	-1.409	-1.568	-1.605	-1.509
5801	58.00	-1.282	-0.937	-0.491	0.027	0.580	1.116	1.577	1.912	2.093	2.123
5811	58.10	2.035	1.883	1.721	1.587	1.498	1.453	1.447	1.478	1.552	1.672
5821	58.20	1.831	1.996	2.115	2.128	1.990	1.693	1.268	0.782	0.310	-0.085
5831	58.30	-0.374	-0.563	-0.679	-0.756	-0.809	-0.837	-0.825	-0.753	-0.620	-0.437
5841	58.40	-0.235	-0.047	0.102	0.200	0.253	0.280	0.308	0.371	0.505	0.750
5851	58.50	1.142	1.700	2.415	3.243	4.110	4.925	5.608	6.110	6.424	6.585
5861	58.60	6.641	6.640	6.597	6.501	6.314	6.000	5.536	4.931	4.214	3.424
5871	58.70	2.594	1.744	0.886	0.029	-0.798	-1.555	-2.188	-2.656	-2.942	-3.068
5881	58.80	-3.087	-3.060	-3.040	-3.046	-3.067	-3.069	-3.019	-2.904	-2.738	-2.554
5891	58.90	-2.389	-2.261	-2.166	-2.079	-1.972	-1.834	-1.681	-1.553	-1.496	-1.540
5901	59.00	-1.681	-1.881	-2.075	-2.204	-2.232	-2.165	-2.046	-1.936	-1.891	-1.942
5911	59.10	-2.086	-2.292	-2.516	-2.714	-2.861	-2.940	-2.945	-2.863	-2.678	-2.366
5921	59.20	-1.915	-1.330	-0.644	0.085	0.786	1.393	1.857	2.155	2.286	2.264
5931	59.30	2.104	1.821	1.430	0.953	0.430	-0.080	-0.505	-0.775	-0.842	-0.696
5941	59.40	-0.369	0.073	0.556	1.012	1.403	1.727	2.006	2.269	2.538	2.812
5951	59.50	3.063	3.255	3.368	3.320	3.168	2.905	2.555	2.137	1.661	1.130
5961	59.60	0.546	-0.083	-0.737	-1.388	-2.004	-2.557	-3.031	-3.415	-3.704	-3.882
5971	59.70	-3.929	-3.822	-3.543	-3.103	-2.541	-1.926	-1.338	-0.852	-0.509	-0.313
5981	59.80	-0.231	-0.211	-0.209	-0.200	-0.186	-0.186	-0.215	-0.268	-0.308	-0.275
5991	59.90	-0.107	0.236	0.754	1.394	2.066	2.664	3.090	3.283	3.224	2.937

Table 7-78-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1270 206-GR-1-50 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -29.483 (GAL) T= 16.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	2.477	1.911	1.299	0.683	0.077	-0.530	-1.164	-1.858	-2.631	-3.473
6011	60.10	-4.341	-5.155	-5.817	-6.233	-6.339	-6.121	-5.623	-4.929	-4.147	-3.372
6021	60.20	-2.665	-2.041	-1.479	-0.941	-0.392	0.180	0.762	1.329	1.854	2.329
6031	60.30	2.767	3.197	3.647	4.130	4.632	5.115	5.526	5.815	5.950	5.922
6041	60.40	5.743	5.433	5.010	4.479	3.837	3.081	2.220	1.285	0.331	-0.569
6051	60.50	-1.347	-1.950	-2.362	-2.601	-2.715	-2.767	-2.811	-2.881	-2.984	-3.101
6061	60.60	-3.195	-3.224	-3.152	-2.954	-2.617	-2.144	-1.548	-0.855	-0.102	0.663
6071	60.70	1.391	2.035	2.558	2.940	3.174	3.265	3.218	3.035	2.714	2.256
6081	60.80	1.668	0.978	0.227	-0.528	-1.233	-1.845	-2.340	-2.710	-2.962	-3.108
6091	60.90	-3.159	-3.131	-3.045	-2.932	-2.828	-2.764	-2.747	-2.756	-2.740	-2.633
6101	61.00	-2.384	-1.977	-1.447	-0.866	-0.319	0.137	0.492	0.786	1.088	1.456
6111	61.10	1.895	2.348	2.706	2.847	2.693	2.239	1.564	0.803	0.100	-0.443
6121	61.20	-0.794	-0.991	-1.115	-1.245	-1.427	-1.656	-1.887	-2.064	-2.142	-2.109
6131	61.30	-1.981	-1.791	-1.565	-1.314	-1.037	-0.725	-0.381	-0.024	0.313	0.598
6141	61.40	0.807	0.941	1.019	1.072	1.132	1.219	1.339	1.492	1.674	1.883
6151	61.50	2.122	2.387	2.671	2.955	3.223	3.459	3.663	3.852	4.051	4.287
6161	61.60	4.575	4.916	5.293	5.678	6.040	6.350	6.578	6.693	6.663	6.454
6171	61.70	6.042	5.424	4.622	3.692	2.702	1.728	0.824	0.019	-0.687	-1.309
6181	61.80	-1.866	-2.358	-2.766	-3.054	-3.184	-3.131	-2.904	-2.544	-2.119	-1.709
6191	61.90	-1.381	-1.179	-1.108	-1.138	-1.214	-1.275	-1.274	-1.194	-1.050	-0.884
6201	62.00	-0.749	-0.685	-0.703	-0.775	-0.844	-0.845	-0.729	-0.484	-0.145	0.216
6211	62.10	0.518	0.695	0.723	0.617	0.428	0.215	0.021	-0.144	-0.298	-0.477
6221	62.20	-0.714	-1.019	-1.372	-1.730	-2.044	-2.275	-2.404	-2.442	-2.420	-2.377
6231	62.30	-2.350	-2.363	-2.424	-2.521	-2.629	-2.711	-2.727	-2.643	-2.438	-2.113
6241	62.40	-1.693	-1.217	-0.730	-0.269	0.145	0.512	0.842	1.160	1.400	1.596
6251	62.50	1.691	1.655	1.473	1.159	0.752	0.298	-0.164	-0.612	-1.050	-1.487
6261	62.60	-1.931	-2.362	-2.739	-3.002	-3.097	-2.993	-2.698	-2.258	-1.747	-1.240
6271	62.70	-0.799	-0.458	-0.221	-0.071	0.022	0.092	0.164	0.256	0.375	0.514
6281	62.80	0.658	0.783	0.866	0.895	0.875	0.831	0.801	0.825	0.927	1.101
6291	62.90	1.311	1.498	1.599	1.567	1.383	1.063	0.642	0.167	-0.319	-0.788
6301	63.00	-1.229	-1.640	-2.024	-2.387	-2.728	-3.042	-3.321	-3.547	-3.700	-3.754
6311	63.10	-3.691	-3.505	-3.211	-2.846	-2.465	-2.122	-1.859	-1.691	-1.612	-1.597
6321	63.20	-1.624	-1.682	-1.775	-1.918	-2.119	-2.367	-2.631	-2.861	-3.011	-3.052
6331	63.30	-2.982	-2.818	-2.586	-2.296	-1.940	-1.689	-0.913	-0.199	0.626	1.699
6341	63.40	2.330	3.028	3.517	3.761	3.756	3.527	3.112	2.553	1.597	1.193
6351	63.50	0.498	-0.125	-0.617	-0.940	-1.082	-1.061	-0.922	-0.713	-0.479	-0.246
6361	63.60	-0.025	0.179	0.362	0.516	0.635	0.724	0.809	0.936	1.158	1.514
6371	63.70	2.009	2.607	3.235	3.808	4.261	4.564	4.736	4.830	4.907	5.008
6381	63.80	5.140	5.272	5.356	5.353	5.248	5.065	4.851	4.660	4.522	4.436
6391	63.90	4.363	4.244	4.026	3.680	3.209	2.651	2.053	1.460	0.895	0.358
6401	64.00	-0.163	-0.681	-1.192	-1.669	-2.075	-2.370	-2.534	-2.572	-2.516	-2.408
6411	64.10	-2.283	-2.156	-2.012	-1.821	-1.553	-1.198	-0.778	-0.341	0.053	0.353
6421	64.20	0.542	0.634	0.675	0.719	0.803	0.937	1.098	1.240	1.315	1.287
6431	64.30	1.145	0.904	0.593	0.250	-0.092	-0.409	-0.685	-0.912	-1.091	-1.234
6441	64.40	-1.360	-1.498	-1.676	-1.909	-2.193	-2.498	-2.770	-2.952	-2.995	-2.882
6451	64.50	-2.627	-2.274	-1.883	-1.508	-1.184	-0.921	-0.711	-0.535	-0.374	-0.213
6461	64.60	-0.043	0.153	0.388	0.696	1.100	1.615	2.230	2.909	3.596	4.228
6471	64.70	4.750	5.135	5.378	5.496	5.510	5.435	5.268	4.997	4.604	4.080
6481	64.80	3.436	2.700	1.911	1.105	0.305	-0.484	-1.266	-2.041	-2.797	-3.498
6491	64.90	-4.091	-4.521	-4.749	-4.768	-4.607	-4.319	-3.967	-3.602	-3.248	-2.904

Table 7-78-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1270 206-GR-1-50 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -29.483 (GAL) T= 16.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-2.553	-2.181	-1.788	-1.396	-1.038	-0.745	-0.527	-0.366	-0.222	-0.046
6511	65.10	0.197	0.510	0.864	1.206	1.475	1.629	1.651	1.556	1.376	1.146
6521	65.20	0.889	0.610	0.301	-0.048	-0.437	-0.850	-1.258	-1.626	-1.922	-2.132
6531	65.30	-2.254	-2.300	-2.282	-2.210	-2.087	-1.913	-1.686	-1.411	-1.098	-0.758
6541	65.40	-0.394	-0.005	0.416	0.879	1.368	1.869	2.268	2.557	2.662	2.558
6551	65.50	2.267	1.851	1.400	0.994	0.680	0.453	0.256	0.007	-0.366	-0.899
6561	65.60	-1.563	-2.279	-2.940	-3.447	-3.746	-3.841	-3.788	-3.671	-3.563	-3.502
6571	65.70	-3.480	-3.449	-3.369	-3.137	-2.802	-2.376	-1.917	-1.490	-1.145	-0.904
6581	65.80	-0.760	-0.688	-0.657	-0.649	-0.662	-0.710	-0.816	-1.000	-1.272	-1.624
6591	65.90	-2.028	-2.443	-2.820	-3.111	-3.276	-3.295	-3.166	-2.909	-2.560	-2.161
6601	66.00	-1.754	-1.372	-1.042	-0.781	-0.602	-0.517	-0.530	-0.639	-0.828	-1.065
6611	66.10	-1.308	-1.511	-1.634	-1.653	-1.558	-1.355	-1.054	-0.670	-0.221	0.274
6621	66.20	0.788	1.285	1.728	2.087	2.352	2.545	2.709	2.902	3.172	3.538
6631	66.30	3.977	6.431	4.818	5.065	5.124	4.989	4.693	4.294	3.854	3.420
6641	66.40	3.018	2.646	2.290	1.930	1.551	1.148	0.721	0.275	-0.188	-0.672
6651	66.50	-1.183	-1.725	-2.297	-2.882	-3.453	-3.968	-4.382	-4.655	-4.762	-4.705
6661	66.60	-4.513	-4.238	-3.942	-3.684	-3.500	-3.398	-3.352	-3.317	-3.236	-3.055
6671	66.70	-2.737	-2.260	-1.621	-0.830	0.092	1.113	2.190	3.271	4.300	5.227
6681	66.80	6.020	6.670	7.188	7.599	7.924	8.168	8.318	8.348	8.234	7.968
6691	66.90	7.567	7.070	6.525	5.972	5.426	4.881	4.312	3.697	3.030	2.332
6701	67.00	1.641	1.004	0.459	0.023	-0.310	-0.563	-0.765	-0.941	-1.106	-1.263
6711	67.10	-1.409	-1.533	-1.617	-1.637	-1.569	-1.391	-1.096	-0.702	-0.245	0.220
6721	67.20	0.643	0.989	1.257	1.465	1.647	1.824	2.000	2.152	2.252	2.284
6731	67.30	2.257	2.208	2.182	2.210	2.288	2.371	2.398	2.322	2.140	1.902
6741	67.40	1.695	1.597	1.637	1.767	1.867	1.792	1.433	0.766	-0.125	-1.077

Table 7-79-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1271 713-GR-1-5 HA. (HA.) YOSHIDAGAWA EHB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-6.141	-8.309	-9.676	-10.180	-9.912	-9.048	-7.783	-6.309	-4.828	-3.570
11	0.10	-2.795	-2.732	-3.501	-5.033	-7.043	-9.086	-10.677	-11.429	-11.166	-9.951
21	0.20	-8.039	-5.774	-3.472	-1.352	0.480	2.003	3.233	4.184	4.850	5.212
31	0.30	5.233	4.861	4.017	2.612	0.589	-1.999	-4.921	-7.743	-9.886	-10.778
41	0.40	-10.046	-7.690	-4.147	-0.212	3.177	5.219	5.485	4.040	1.395	-1.664
51	0.50	-4.323	-5.949	-6.218	-5.134	-2.964	-0.142	2.824	5.425	7.205	7.828
61	0.60	7.146	5.261	2.542	-0.430	-2.999	-4.614	-5.001	-4.252	-2.791	-1.231
71	0.70	-0.164	0.034	-0.685	-2.040	-3.540	-4.647	-4.944	-4.243	-2.615	-0.344
81	0.80	2.156	4.447	6.159	7.045	7.024	6.176	4.719	2.954	1.190	-0.329
91	0.90	-1.478	-2.273	-2.833	-3.324	-3.873	-4.509	-5.141	-5.585	-5.629	-5.109
101	1.00	-3.979	-2.340	-0.433	1.409	2.827	3.526	3.339	2.279	0.554	-1.473
111	1.10	-3.353	-4.664	-5.120	-4.650	-3.428	-1.818	-0.270	0.812	1.192	0.853
121	1.20	-0.008	-1.064	-1.968	-2.455	-2.396	-1.810	-0.822	0.397	1.675	2.869
131	1.30	3.860	4.542	4.814	4.591	3.832	2.571	0.948	-0.792	-2.332	-3.335
141	1.40	-3.520	-2.728	-0.974	1.538	4.439	7.257	9.506	10.790	10.887	9.809
151	1.50	7.796	5.270	2.737	0.667	-0.606	-0.957	-0.485	0.529	1.698	2.629
161	1.60	3.017	2.711	1.742	0.303	-1.304	-2.747	-3.748	-4.147	-3.933	-3.230
171	1.70	-2.242	-1.185	-0.215	0.600	1.269	1.838	2.319	2.660	2.739	2.420
181	1.80	1.628	0.421	-0.980	-2.233	-2.969	-2.924	-2.042	-0.519	1.236	2.726
191	1.90	3.514	3.364	2.320	0.693	-1.036	-2.365	-2.920	-2.567	-1.444	0.087
201	2.00	1.553	2.510	2.669	1.974	0.594	-1.133	-2.821	-4.140	-4.904	-5.095
211	2.10	-4.826	-4.277	-3.614	-2.965	-2.308	-1.702	-1.129	-0.621	-0.244	-0.065
221	2.20	-0.112	-0.345	-0.659	-0.925	-1.040	-0.975	-0.789	-0.605	-0.550	-0.705
231	2.30	-1.070	-1.563	-2.054	-2.411	-2.534	-2.373	-1.923	-1.203	-0.249	0.900
241	2.40	2.192	3.574	4.995	6.423	7.848	9.264	10.625	11.802	12.555	12.569
251	2.50	11.537	9.298	5.947	1.888	-2.234	-5.692	-7.895	-8.570	-7.844	-6.175
261	2.60	-6.179	-2.397	-1.119	-0.318	0.280	1.032	2.201	3.832	5.741	7.599
271	2.70	9.059	9.867	9.914	9.209	7.812	5.781	3.153	-0.012	-3.567	-7.230
281	2.80	-10.591	-13.194	-14.655	-14.787	-13.658	-11.584	-9.035	-6.506	-4.391	-2.901
291	2.90	-2.053	-1.701	-1.605	-1.502	-1.161	-0.421	0.790	2.433	4.356	6.296
301	3.00	7.917	8.871	8.883	7.831	5.806	3.100	0.146	-2.593	-4.757	-6.176
311	3.10	-6.909	-7.191	-7.324	-7.545	-7.919	-8.302	-8.387	-7.824	-6.361	-3.956
321	3.20	-0.819	2.636	5.914	8.584	10.392	11.303	11.464	11.098	10.392	9.418
331	3.30	8.126	6.404	4.179	1.508	-1.371	-4.079	-6.176	-7.296	-7.248	-6.080
341	3.40	-4.063	-1.625	0.763	2.687	3.873	4.216	3.773	2.723	1.317	-0.171
351	3.50	-1.474	-2.363	-2.666	-2.302	-1.308	0.133	1.692	2.934	3.399	2.725
361	3.60	0.772	-2.290	-5.973	-9.549	-12.218	-13.307	-12.451	-9.694	-5.477	-0.523
371	3.70	4.344	8.375	11.036	12.059	11.432	9.337	6.092	2.099	-2.176	-6.229
381	3.80	-9.555	-11.720	-12.436	-11.630	-9.472	-6.338	-2.726	0.854	3.973	6.332
391	3.90	7.770	8.238	7.770	6.472	4.536	2.249	-0.019	-1.866	-2.949	-3.080
401	4.00	-2.287	-0.805	1.002	2.771	4.260	5.416	6.365	7.209	8.079	8.828
411	4.10	9.109	8.448	6.425	2.881	-1.939	-7.363	-12.429	-16.126	-17.686	-16.809
421	4.20	-13.744	-9.214	-4.185	0.412	3.921	6.079	6.982	6.933	6.254	5.144
431	4.30	3.642	1.705	-0.659	-3.269	-5.752	-7.618	-8.427	-7.950	-6.261	-3.706
441	4.40	-0.772	2.084	4.554	6.511	7.923	8.735	8.781	7.805	5.591	2.152
451	4.50	-2.130	-6.500	-9.994	-11.730	-11.216	-8.542	-4.365	0.298	4.414	7.255
461	4.60	8.581	8.629	7.913	6.965	6.102	5.351	4.521	3.389	1.890	0.223
471	4.70	-1.179	-1.810	-1.296	0.430	3.057	5.964	8.383	9.615	9.225	7.149
481	4.80	3.713	-0.446	-4.536	-7.780	-9.593	-9.704	-8.216	-5.570	-2.435	0.471
491	4.90	2.562	3.544	3.468	2.690	1.725	1.056	0.956	1.387	2.009	2.297

Table 7-79-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1271 713-GR-1-5 HA. (HA.) YOSHIDAGAWA EHB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	1.734	-0.004	-2.909	-6.607	-10.440	-13.625	-15.470	-15.549	-13.830	-10.683
511	5.10	-6.792	-2.985	-0.021	1.598	1.750	0.702	-0.978	-2.595	-3.540	-3.454
521	5.20	-2.323	-0.456	1.634	3.404	4.451	4.623	4.036	3.003	1.909	1.066
531	5.30	0.624	0.538	0.612	0.589	0.250	-0.499	-1.589	-2.798	-3.784	-4.160
541	5.40	-3.564	-1.746	1.356	5.560	10.412	15.214	19.123	21.311	21.158	18.429
551	5.50	13.377	6.723	-0.482	-7.103	-12.182	-15.154	-15.940	-14.893	-12.625	-9.779
561	5.60	-6.837	-4.018	-1.308	1.414	4.205	6.935	9.249	10.650	10.662	9.022
571	5.70	5.808	1.484	-3.190	-7.342	-10.198	-11.285	-10.537	-8.301	-5.232	-2.123
581	5.80	0.296	1.525	1.396	0.086	-1.961	-4.165	-5.978	-7.020	-7.168	-6.563
591	5.90	-5.535	-4.482	-3.731	-3.424	-3.470	-3.576	-3.329	-2.337	-0.346	2.659
601	6.00	6.432	10.498	14.244	17.049	18.413	18.050	15.975	12.480	8.085	3.433
611	6.10	-0.841	-4.232	-6.440	-7.394	-7.210	-6.109	-4.331	-2.075	0.507	3.265
621	6.20	5.989	8.360	9.962	10.363	9.255	6.602	2.729	-1.678	-5.700	-8.402
631	6.30	-9.085	-7.494	-3.911	0.892	5.835	9.800	11.905	11.708	9.293	5.223
641	6.40	0.365	-4.334	-8.084	-10.422	-11.291	-11.001	-10.113	-9.254	-8.949	-9.471
651	6.50	-10.782	-12.537	-14.177	-15.061	-14.626	-12.532	-8.776	-3.735	1.865	7.070
661	6.60	10.891	12.536	11.630	8.359	3.479	-1.832	-6.257	-8.680	-8.503	-5.806
671	6.70	-1.330	3.757	8.206	11.054	11.878	10.869	8.705	6.277	4.386	3.499
681	6.80	3.651	4.508	5.532	6.198	6.169	5.379	4.023	2.468	1.137	0.388
691	6.90	0.433	1.298	2.816	4.662	6.421	7.672	8.081	7.491	5.955	3.728
701	7.00	1.190	-1.264	-3.326	-4.847	-5.833	-6.370	-6.556	-6.395	-5.782	-4.556
711	7.10	-2.592	0.082	3.210	6.316	8.791	10.050	9.698	7.657	4.218	-0.008
721	7.20	-4.222	-7.612	-9.543	-9.700	-8.165	-5.407	-2.184	0.619	2.186	1.962
731	7.30	-0.216	-4.069	-8.925	-13.862	-17.903	-20.222	-20.308	-18.053	-13.742	-7.977
741	7.40	-1.544	4.731	10.108	14.029	16.165	16.439	15.013	12.259	8.699	4.924
751	7.50	1.498	-1.152	-2.812	-3.532	-3.592	-3.422	-3.458	-3.995	-5.078	-6.459
761	7.60	-7.665	-8.134	-7.413	-5.326	-2.077	1.765	5.396	7.998	8.964	8.087
771	7.70	5.633	2.273	-1.080	-3.508	-4.318	-3.197	-0.279	3.906	8.551	12.742
781	7.80	15.628	16.562	15.213	11.618	6.192	-0.331	-7.006	-12.840	-16.979	-18.876
791	7.90	-18.396	-15.827	-11.783	-7.028	-2.288	1.912	5.308	7.871	9.700	10.899
801	8.00	11.492	11.411	10.555	8.881	6.493	3.659	0.768	-1.762	-3.598	-4.563
811	8.10	-4.656	-4.021	-2.889	-1.520	-0.175	0.897	1.465	1.340	0.425	-1.233
821	8.20	-3.410	-5.727	-7.731	-9.016	-9.347	-8.718	-7.330	-5.497	-3.513	-1.549
831	8.30	0.375	2.323	4.324	6.264	7.834	8.598	8.137	6.231	2.995	-1.095
841	8.40	-5.301	-8.808	-10.950	-11.368	-10.081	-7.437	-3.991	-0.348	2.960	5.542
851	8.50	7.165	7.730	7.249	5.821	3.636	0.967	-1.843	-4.423	-6.431	-7.614
861	8.60	-7.851	-7.169	-5.725	-3.774	-1.617	0.434	2.095	3.137	3.402	2.834
871	8.70	1.491	-0.446	-2.678	-4.825	-6.481	-7.232	-6.979	-5.506	-3.005	0.174
881	8.80	3.527	6.686	8.531	9.301	8.679	6.824	4.137	1.170	-1.497	-3.390
891	8.90	-4.235	-4.008	-2.917	-1.334	0.305	1.600	2.272	2.207	1.459	0.224
901	9.00	-1.225	-2.607	-3.702	-4.399	-4.712	-4.761	-4.720	-4.747	-4.924	-5.217
911	9.10	-5.483	-5.507	-5.075	-4.052	-2.438	-0.393	1.781	3.703	4.990	5.353
921	9.20	4.665	3.004	0.652	-1.960	-4.339	-6.036	-6.746	-6.372	-5.030	-3.006
931	9.30	-0.669	1.627	3.614	5.145	6.183	6.766	6.981	6.844	6.496	6.023
941	9.40	5.560	5.259	5.247	5.570	6.152	6.793	7.213	7.145	6.428	5.083
951	9.50	3.329	1.534	0.117	-0.571	-0.350	0.729	2.395	4.213	5.691	6.397
961	9.60	6.066	4.671	2.440	-0.187	-2.654	-4.411	-5.043	-4.362	-2.448	0.370
971	9.70	3.589	6.628	8.928	10.031	9.645	7.677	4.252	-0.278	-5.363	-10.319
981	9.80	-14.429	-17.075	-17.871	-16.741	-13.932	-9.946	-5.401	-0.879	3.191	6.595
991	9.90	9.317	11.461	13.167	14.527	15.546	16.147	16.200	15.566	14.152	11.948

Table 7-79-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1271 713-GR-1-S HA. (HA.) YOSHIDAGAWA EHB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	9.067	5.748	2.344	-0.733	-3.099	-4.494	-4.849	-6.312	-3.195	-1.679
1011	10.10	-0.685	0.206	0.786	1.179	1.564	2.099	2.891	4.002	5.488	7.415
1021	10.20	9.821	12.629	15.539	17.973	19.123	18.124	14.309	7.469	-1.981	-12.998
1031	10.30	-24.082	-33.569	-39.969	-42.236	-39.934	-33.271	-23.034	-10.463	2.894	15.344
1041	10.40	25.235	31.167	32.227	28.190	19.632	7.898	-5.101	-17.230	-26.535	-31.609
1051	10.50	-31.842	-27.483	-19.544	-9.558	0.720	9.610	15.760	18.332	17.097	12.455
1061	10.60	5.350	-2.904	-10.877	-17.327	-21.461	-23.108	-22.706	-21.115	-19.288	-17.899
1071	10.70	-17.074	-16.316	-14.688	-11.192	-5.235	3.007	12.460	21.334	27.583	29.495
1081	10.80	26.228	18.102	6.560	-6.200	-17.798	-26.264	-30.473	-30.311	-26.566	-20.485
1091	10.90	-13.555	-6.927	-1.315	3.056	6.308	8.703	10.439	11.529	11.796	10.960
1101	11.00	8.788	5.239	0.549	-4.771	-10.028	-14.496	-17.580	-18.930	-18.495	-16.495
1111	11.10	-13.336	-9.510	-5.516	-1.795	1.300	3.540	4.865	5.425	5.589	5.891
1121	11.20	6.882	8.938	12.063	15.812	19.360	21.754	22.256	20.658	17.433	13.650
1131	11.30	10.663	9.697	11.468	15.989	22.606	30.223	37.589	43.538	47.082	47.408
1141	11.40	43.842	35.904	23.493	7.161	-11.665	-30.669	-46.944	-57.571	-60.324	-54.275
1151	11.50	-40.058	-19.709	3.859	27.565	48.784	65.701	77.327	83.275	83.474	78.010
1161	11.60	67.190	51.775	33.227	13.766	-3.877	-17.013	-23.687	-23.281	-16.777	-6.591
1171	11.70	4.009	11.713	13.953	9.443	-1.645	-17.864	-36.914	-56.145	-73.007	-85.375
1181	11.80	-91.762	-91.431	-84.472	-71.812	-55.143	-36.719	-19.013	-4.278	5.869	10.740
1191	11.90	10.642	6.689	0.440	-6.524	-12.953	-18.103	-21.729	-23.950	-25.066	-25.432
1201	12.00	-25.418	-25.423	-25.896	-27.294	-29.959	-33.941	-38.866	-43.913	-47.951	-49.609
1211	12.10	-48.583	-43.870	-35.833	-25.080	-12.427	1.343	15.597	29.797	43.282	55.045
1221	12.20	63.629	67.277	64.361	53.964	36.419	13.587	-11.295	-34.198	-51.181	-59.308
1231	12.30	-57.324	-45.894	-27.335	-4.956	17.774	38.000	53.966	65.154	72.085	75.913
1241	12.40	77.959	79.306	80.553	81.727	82.363	81.693	78.896	73.359	64.869	53.707
1251	12.50	40.595	26.528	12.531	-0.554	-12.189	-22.124	-30.268	-36.537	-40.755	-42.675
1261	12.60	-42.110	-39.091	-33.962	-27.348	-19.973	-12.440	-5.065	2.139	9.300	16.443
1271	12.70	23.284	29.180	33.288	34.867	33.585	29.684	23.936	17.393	11.045	5.542
1281	12.80	1.059	-2.668	-6.189	-10.176	-15.301	-22.160	-31.194	-42.547	-55.863	-70.094
1291	12.90	-83.437	-93.513	-97.809	-94.284	-81.950	-61.230	-33.973	-3.123	27.811	55.323
1301	13.00	76.348	88.546	90.467	81.685	62.966	36.386	5.307	-25.960	-52.831	-71.363
1311	13.10	-79.153	-75.911	-63.492	-45.339	-25.517	-7.666	5.803	14.018	17.471	17.499
1321	13.20	15.675	13.355	11.467	10.532	10.799	12.347	15.101	18.778	22.827	26.460
1331	13.30	28.781	28.997	26.627	21.628	14.416	5.779	-3.244	-11.499	-17.846	-21.282
1341	13.40	-21.102	-17.056	-9.499	0.580	11.682	22.092	30.280	35.278	36.909	35.766
1351	13.50	32.962	29.736	27.063	25.409	24.714	24.570	24.504	24.222	23.703	23.107
1361	13.60	22.547	21.834	20.333	17.019	10.742	0.633	-13.487	-30.846	-49.706	-67.638
1371	13.70	-81.995	-90.481	-91.640	-85.152	-71.874	-53.633	-32.859	-12.144	6.174	20.329
1381	13.80	29.329	33.017	32.002	27.456	20.824	13.483	6.428	0.095	-5.648	-11.309
1391	13.90	-17.445	-24.330	-31.740	-38.943	-44.903	-48.621	-49.457	-47.324	-42.679	-36.343
1401	14.00	-29.233	-22.143	-15.644	-10.110	-5.804	-2.950	-1.704	-2.056	-3.701	-5.983
1411	14.10	-7.977	-8.697	-7.368	-3.644	2.311	9.917	18.384	26.940	34.974	42.041
1421	14.20	47.762	51.680	53.199	51.642	46.464	37.507	25.233	10.793	-4.085	-17.396
1431	14.30	-27.251	-32.251	-31.750	-25.928	-15.688	-2.415	12.312	26.976	40.287	51.250
1441	14.40	59.142	63.482	64.013	60.743	54.013	44.554	33.476	22.151	12.006	4.262
1451	14.50	-0.284	-1.393	0.620	4.987	10.658	16.475	21.308	24.181	24.374	21.543
1461	14.60	15.821	7.876	-1.149	-9.829	-16.760	-20.893	-21.770	-19.595	-15.096	-9.256
1471	14.70	-3.019	2.896	8.023	12.037	14.598	15.259	13.514	8.964	1.537	-8.367
1481	14.80	-19.872	-31.765	-42.723	-51.531	-57.209	-59.063	-56.687	-50.001	-39.356	-25.663
1491	14.90	-10.470	4.145	15.888	22.753	23.543	18.242	8.082	-4.744	-17.642	-28.254

Table 7-79-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1271 713-GR-1-S HA. (HA.) YOSHIDAGAWA EHB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-34.997	-37.323	-35.672	-31.179	-25.252	-19.177	-13.848	-9.664	-6.582	-4.269
1511	15.10	-2.298	-0.316	1.839	4.117	6.317	8.201	9.626	10.617	11.367	12.028
1521	15.20	12.752	13.374	13.492	12.566	10.129	5.995	0.371	-6.202	-13.035	-19.526
1531	15.30	-25.315	-30.275	-34.352	-37.355	-38.822	-38.082	-34.515	-27.900	-18.677	-7.977
1541	15.40	2.657	11.744	18.367	22.460	24.774	26.508	28.772	32.111	36.276	40.324
1551	15.50	42.982	43.100	40.001	33.610	24.362	12.975	0.229	-13.144	-26.441	-38.898
1561	15.60	-49.636	-57.699	-62.222	-62.644	-58.885	-51.395	-41.049	-28.936	-16.107	-3.390
1571	15.70	8.698	19.917	30.206	39.557	47.926	55.162	60.998	65.053	66.875	66.024
1581	15.80	62.185	55.315	45.763	34.327	22.188	10.721	1.217	-5.400	-8.778	-9.191
1591	15.90	-7.426	-4.540	-1.566	0.733	2.003	2.300	1.985	1.553	1.472	2.076
1601	16.00	3.530	5.864	9.060	13.011	17.746	23.193	29.199	35.417	41.244	45.834
1611	16.10	48.217	47.504	43.128	35.053	23.862	10.691	-2.993	-15.704	-26.232	-33.853
1621	16.20	-38.363	-39.986	-39.172	-36.415	-32.142	-26.721	-20.549	-14.157	-8.262	-3.710
1631	16.30	-1.314	-1.645	-4.847	-10.542	-17.866	-25.629	-32.544	-37.471	-39.622	-38.688
1641	16.40	-34.868	-28.818	-21.515	-14.078	-7.571	-2.830	-0.349	-0.256	-2.376	-6.347
1651	16.50	-11.760	-18.238	-25.459	-33.102	-40.761	-47.888	-53.797	-57.746	-59.078	-57.353
1661	16.60	-52.441	-44.540	-34.123	-21.861	-8.558	4.892	17.513	28.277	36.166	40.311
1671	16.70	40.166	35.672	27.367	16.373	4.258	-7.192	-16.258	-21.559	-22.263	-18.197
1681	16.80	-9.875	1.595	14.665	27.582	38.649	46.475	50.182	49.519	44.867	37.147
1691	16.90	27.643	17.797	9.001	2.426	-1.116	-1.252	1.929	7.919	15.893	24.880
1701	17.00	33.933	42.275	49.366	54.865	58.534	60.116	59.292	55.730	49.236	39.925
1711	17.10	28.342	15.433	2.371	-9.703	-19.929	-27.847	-33.354	-36.523	-37.402	-35.903
1721	17.20	-31.865	-25.270	-16.506	-6.537	3.139	10.776	14.822	14.362	9.413	0.935
1731	17.30	-9.410	-19.688	-28.150	-33.590	-35.513	-34.113	-30.114	-24.538	-18.478	-12.903
1741	17.40	-8.523	-5.718	-4.537	-4.762	-6.023	-7.941	-10.221	-12.688	-15.228	-17.672
1751	17.50	-19.705	-20.851	-20.580	-18.508	-14.616	-9.370	-3.679	1.319	4.576	5.432
1761	17.60	3.786	0.081	-4.883	-10.208	-15.124	-19.113	-21.907	-23.396	-23.540	-22.316
1771	17.70	-19.733	-15.870	-10.910	-5.123	1.194	7.771	14.383	20.805	26.734	31.722
1781	17.80	35.200	36.585	35.469	31.797	25.958	18.749	11.208	4.391	-0.832	-3.894
1791	17.90	-4.566	-2.919	0.707	5.714	11.241	16.189	19.346	19.609	16.283	9.341
1801	18.00	-0.460	-11.674	-22.477	-31.074	-36.090	-36.808	-33.194	-25.754	-15.309	-2.806
1811	18.10	10.772	24.411	37.029	47.506	54.799	58.143	57.227	52.320	44.181	33.875
1821	18.20	22.498	10.953	-0.140	-10.395	-19.515	-27.169	-32.852	-36.176	-36.847	-34.948
1831	18.30	-31.000	-25.880	-20.602	-16.039	-12.688	-10.573	-9.312	-8.308	-6.995	-5.027
1841	18.40	-2.374	0.701	3.760	6.335	8.069	8.816	8.684	8.030	7.307	7.350
1851	18.50	8.406	10.760	14.193	18.013	21.147	22.375	20.656	15.455	6.967	-3.847
1861	18.60	-15.443	-26.034	-33.997	-38.218	-38.295	-34.540	-27.828	-19.343	-10.326	-1.879
1871	18.70	5.159	10.250	13.173	14.008	13.121	11.117	8.754	6.808	5.904	6.365
1881	18.80	8.122	10.730	13.469	15.528	16.197	15.016	11.864	6.963	0.833	-5.789
1891	18.90	-12.041	-17.042	-20.016	-20.431	-18.126	-13.383	-6.913	0.290	7.180	12.917
1901	19.00	17.068	19.666	21.099	21.888	22.423	22.790	22.750	21.874	19.774	16.319
1911	19.10	11.737	6.562	1.454	-3.018	-6.534	-9.060	-10.760	-11.859	-12.513	-12.772
1921	19.20	-12.640	-12.173	-11.552	-11.080	-11.071	-11.701	-12.889	-14.266	-15.279	-15.368
1931	19.30	-14.157	-11.580	-7.887	-3.543	0.924	5.064	8.575	11.307	13.198	14.205
1941	19.40	14.265	13.279	11.137	7.757	3.117	-2.693	-9.417	-16.585	-23.477	-29.167
1951	19.50	-32.661	-33.121	-30.129	-23.885	-15.255	-5.608	3.517	10.814	15.530	17.590
1961	19.60	17.477	15.932	13.602	10.806	7.493	3.420	-1.571	-7.302	-13.178	-18.300
1971	19.70	-21.743	-22.853	-21.453	-17.877	-12.828	-7.165	-1.696	2.923	6.197	7.759
1981	19.80	7.366	4.978	0.893	-4.149	-8.992	-12.280	-12.826	-10.032	-4.173	3.589
1991	19.90	11.488	17.673	20.769	20.275	16.664	11.155	5.270	0.356	-2.753	-3.832

Table 7-79-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1271 713-GR-1-5 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-3.142	-1.179	1.545	4.612	7.678	10.382	12.294	12.962	12.064	9.596
2011	20.10	5.968	1.959	-1.507	-3.664	-4.158	-3.151	-1.200	1.001	2.930	4.430
2021	20.20	5.719	7.212	9.254	11.885	14.761	17.240	18.599	18.277	16.028	11.954
2031	20.30	6.421	-0.063	-6.941	-13.619	-19.442	-23.680	-25.592	-24.590	-20.460	-13.543
2041	20.40	-4.777	4.453	12.634	18.511	21.411	21.379	19.103	15.639	12.060	9.158
2051	20.50	7.278	6.333	5.954	5.687	5.165	4.183	2.684	0.669	-1.879	-5.042
2061	20.60	-8.920	-13.547	-18.769	-24.174	-29.093	-32.697	-34.173	-32.927	-28.752	-21.905
2071	20.70	-13.063	-3.174	6.755	15.856	23.538	29.504	33.677	36.075	36.693	35.459
2081	20.80	32.266	27.080	20.058	11.605	2.364	-6.902	-15.459	-22.754	-28.492	-32.634
2091	20.90	-35.308	-36.698	-36.934	-36.048	-33.989	-30.686	-26.127	-20.418	-13.810	-6.666
2101	21.00	0.579	7.484	13.651	18.762	22.584	24.979	25.891	25.343	23.431	20.319
2111	21.10	16.234	11.448	6.253	0.928	-4.286	-9.206	-13.693	-17.620	-20.826	-23.080
2121	21.20	-24.074	-23.476	-21.032	-16.680	-10.656	-3.516	3.925	10.749	16.133	19.535
2131	21.30	20.797	20.147	18.095	15.272	12.273	9.553	7.398	5.965	5.339	5.574
2141	21.40	6.687	8.613	11.141	13.897	16.381	18.070	18.558	17.675	15.544	12.538
2151	21.50	9.159	5.872	2.974	0.536	-1.552	-3.458	-5.259	-6.846	-7.924	-8.123
2161	21.60	-7.190	-5.160	-2.456	0.165	1.801	1.683	-0.568	-4.796	-10.340	-16.224
2171	21.70	-21.449	-25.266	-27.351	-27.802	-27.009	-25.429	-23.395	-21.016	-18.200	-14.784
2181	21.80	-10.682	-6.011	-1.109	3.521	7.333	9.866	10.833	10.147	7.916	4.397
2191	21.90	-0.030	-4.889	-9.630	-13.665	-16.431	-17.472	-16.531	-13.613	-9.005	-3.244
2201	22.00	2.972	8.894	13.846	17.341	19.156	19.373	18.359	16.689	15.021	13.949
2211	22.10	13.875	14.927	16.976	19.708	22.757	25.815	28.680	31.225	33.308	34.668
2221	22.20	34.893	33.476	29.981	24.239	16.505	7.496	-1.729	-10.008	-16.365	-20.238
2231	22.30	-21.579	-20.792	-18.542	-15.532	-12.307	-9.175	-6.223	-3.420	-0.729	1.823
2241	22.40	4.139	6.101	7.643	8.790	9.659	10.396	11.102	11.764	12.233	12.263
2251	22.50	11.589	10.023	7.529	4.246	0.456	-3.501	-7.316	-10.796	-13.891	-16.665
2261	22.60	-19.215	-21.573	-23.633	-25.132	-25.715	-25.052	-22.984	-19.633	-15.429	-11.044
2271	22.70	-7.235	-6.652	-3.679	-4.367	-6.355	-9.184	-12.251	-15.055	-17.274	-18.781
2281	22.80	-19.615	-19.912	-19.840	-19.560	-19.201	-18.843	-18.501	-18.107	-17.501	-16.446
2291	22.90	-14.696	-12.084	-8.625	-4.580	-0.450	3.116	5.478	6.187	5.136	2.618
2301	23.00	-0.715	-3.994	-6.333	-7.035	-5.745	-2.518	2.205	7.704	13.138	17.715
2311	23.10	20.838	22.196	21.798	19.936	17.109	13.907	10.901	8.553	7.157	6.823
2321	23.20	7.495	8.994	11.072	13.463	15.924	18.259	20.314	21.967	23.085	23.504
2331	23.30	23.010	21.358	18.327	13.800	7.843	0.766	-6.885	-14.385	-20.955	-25.899
2341	23.40	-28.733	-29.252	-27.543	-23.932	-18.901	-13.001	-6.788	-0.782	4.555	8.841
2351	23.50	11.797	13.274	13.278	11.964	9.695	6.539	3.109	-0.377	-3.660	-6.510
2361	23.60	-8.707	-10.026	-10.257	-9.260	-7.025	-3.725	0.276	4.471	8.308	11.308
2371	23.70	13.179	13.874	13.597	12.741	11.781	11.153	11.150	11.867	13.197	14.888
2381	23.80	16.636	18.173	19.334	20.068	20.393	20.324	19.799	18.654	16.655	13.599
2391	23.90	9.432	4.344	-1.212	-6.600	-11.158	-14.379	-16.962	-16.366	-15.751	-14.829
2401	24.00	-14.181	-14.197	-14.995	-16.433	-18.194	-19.906	-21.248	-22.015	-22.128	-21.613
2411	24.10	-20.566	-19.122	-17.447	-15.737	-14.211	-13.099	-12.599	-12.823	-13.750	-15.186
2421	24.20	-16.782	-18.081	-18.610	-17.993	-16.044	-12.828	-8.653	-4.003	0.570	4.562
2431	24.30	7.613	9.537	10.312	10.039	8.895	7.120	5.027	3.022	1.588	1.214
2441	24.40	2.268	4.853	8.712	13.236	17.598	20.984	22.839	23.033	21.868	19.936
2451	24.50	17.870	16.097	14.897	13.423	11.859	9.653	6.701	3.218	-0.330	-3.400
2461	24.60	-5.553	-6.578	-6.519	-5.601	-4.139	-2.652	-0.842	0.393	0.951	0.558
2471	24.70	-0.943	-3.475	-6.659	-9.834	-12.192	-13.001	-11.819	-8.633	-3.853	1.830
2481	24.80	7.658	13.004	17.485	20.952	23.402	24.862	25.321	24.733	23.089	20.495
2491	24.90	17.200	13.558	9.921	6.529	3.436	0.526	-2.400	-5.503	-8.818	-12.226

Table 7-79-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1271 713-GR-1-5 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-15.509	-18.450	-20.912	-22.873	-24.384	-25.478	-26.093	-26.033	-25.007	-22.735
2511	25.10	-19.063	-14.053	-7.995	-1.360	5.309	11.495	16.783	20.884	23.614	24.868
2521	25.20	24.598	22.819	19.637	15.267	10.035	4.344	-1.388	-6.789	-11.576	-15.567
2531	25.30	-18.650	-20.749	-21.794	-21.731	-20.552	-18.361	-15.407	-12.094	-8.920	-6.376
2541	25.40	-4.816	-4.353	-4.808	-5.742	-6.562	-6.679	-5.659	-3.337	0.148	4.403
2551	25.50	8.899	13.102	16.596	19.145	20.685	21.268	20.973	19.841	17.850	14.950
2561	25.60	11.138	6.547	1.495	-3.516	-7.880	-11.010	-12.488	-12.177	-10.268	-7.237
2571	25.70	-3.733	-0.417	2.195	3.838	4.534	4.539	4.238	4.008	4.114	4.640
2581	25.80	5.497	6.483	7.370	7.996	8.317	8.423	8.503	8.777	9.427	10.540
2591	25.90	12.066	13.816	15.478	16.652	16.904	15.828	13.127	8.695	2.689	-4.435
2601	26.00	-11.944	-18.919	-24.414	-27.652	-28.204	-26.113	-21.901	-16.476	-10.932	-6.315
2611	26.10	-3.403	-2.568	-3.743	-6.495	-10.174	-14.085	-17.632	-20.408	-22.205	-22.981
2621	26.20	-22.792	-21.729	-19.886	-17.355	-14.248	-10.731	-7.034	-3.448	-0.287	2.164
2631	26.30	3.710	4.291	4.005	3.093	1.891	0.768	0.040	-0.091	0.409	1.409
2641	26.40	2.639	3.768	4.497	4.651	4.241	3.479	2.735	2.433	2.937	4.437
2651	26.50	6.888	10.017	13.399	16.580	19.196	21.061	22.189	22.747	22.966	23.050
2661	26.60	23.117	23.183	23.199	23.107	22.875	22.513	22.046	21.467	20.705	19.621
2671	26.70	18.041	15.815	12.872	9.245	5.072	0.556	-4.079	-8.616	-12.852	-16.596
2681	26.80	-19.659	-21.871	-23.118	-23.384	-22.788	-21.564	-20.013	-18.414	-16.948	-15.652
2691	26.90	-14.443	-13.184	-11.778	-10.230	-8.669	-7.305	-6.355	-5.971	-6.200	-6.987
2701	27.00	-8.212	-9.741	-11.445	-13.204	-14.891	-16.359	-17.460	-18.082	-18.195	-17.865
2711	27.10	-17.227	-16.409	-15.438	-14.196	-12.434	-9.877	-6.369	-2.006	2.816	7.467
2721	27.20	11.245	13.587	14.237	13.315	11.260	8.681	6.169	4.148	2.816	2.153
2731	27.30	2.005	2.160	2.410	2.573	2.495	2.060	1.214	0.012	-1.366	-2.626
2741	27.40	-3.427	-3.492	-2.703	-1.151	0.893	3.082	5.119	6.872	8.404	9.921
2751	27.50	11.663	13.769	16.192	18.688	20.875	22.352	22.809	22.111	20.327	17.700
2761	27.60	14.586	11.384	8.470	6.150	4.626	3.982	4.189	5.118	6.578	8.358
2771	27.70	10.259	12.124	13.834	15.307	16.485	17.329	17.831	18.017	17.948	17.692
2781	27.80	17.282	16.675	15.744	14.308	12.209	9.409	6.046	2.438	-1.002	-3.899
2791	27.90	-6.056	-7.531	-8.625	-9.762	-11.323	-13.487	-16.160	-19.000	-21.547	-23.389
2801	28.00	-24.304	-24.325	-23.710	-22.840	-22.095	-21.758	-21.962	-22.713	-23.936	-25.521
2811	28.10	-27.361	-29.343	-31.331	-33.141	-34.538	-35.254	-35.043	-33.738	-31.307	-27.889
2821	28.20	-23.794	-19.455	-15.348	-11.894	-9.351	-7.759	-6.926	-6.485	-6.007	-5.121
2831	28.30	-3.612	-1.463	1.177	4.074	7.005	9.822	12.464	14.918	17.152	19.073
2841	28.40	20.526	21.348	21.456	20.912	19.953	18.945	18.288	18.300	19.137	20.758
2851	28.50	22.961	25.462	27.980	30.304	32.323	34.009	35.385	36.481	37.303	37.816
2861	28.60	37.951	37.610	36.698	35.146	32.940	30.137	26.874	23.343	19.756	16.304
2871	28.70	13.114	10.248	7.708	5.480	3.564	1.997	0.836	0.120	-0.159	-0.099
2881	28.80	0.120	0.269	0.112	-0.546	-1.843	-3.860	-6.633	-10.163	-14.406	-19.246
2891	28.90	-24.459	-29.704	-34.544	-38.516	-41.223	-42.427	-42.111	-40.487	-37.946	-34.971
2901	29.00	-32.042	-29.550	-27.748	-26.741	-26.499	-26.884	-27.677	-28.597	-29.318	-29.499
2911	29.10	-28.817	-27.032	-24.044	-19.952	-15.071	-9.906	-5.072	-1.180	1.300	2.130
2921	29.20	1.361	-0.689	-3.518	-6.553	-9.261	-11.239	-12.247	-12.210	-11.191	-9.358
2931	29.30	-6.946	-4.233	-1.503	1.004	3.134	4.858	6.276	7.576	8.958	10.555
2941	29.40	12.372	14.288	16.112	17.667	18.870	19.750	20.417	20.973	21.436	21.705
2951	29.50	21.604	20.980	19.822	18.327	16.879	15.934	15.865	16.809	18.609	20.850
2961	29.60	22.987	24.508	25.067	24.550	23.055	20.827	18.175	15.411	12.821	10.653
2971	29.70	9.101	8.268	8.131	8.513	9.106	9.540	9.502	8.834	7.594	6.037
2981	29.80	4.514	3.348	2.718	2.601	2.796	3.004	2.933	2.386	1.296	-0.273
2991	29.90	-2.170	-4.195	-6.140	-7.812	-9.056	-9.783	-9.994	-9.805	-9.432	-9.153

Table 7-79-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1271 713-GR-1-5 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-9.234	-9.855	-11.054	-12.723	-14.649	-16.592	-18.562	-19.865	-21.101	-22.130
3011	30.10	-23.008	-23.741	-24.268	-24.479	-24.261	-23.550	-22.356	-20.781	-18.989	-17.174
3021	30.20	-15.519	-14.155	-13.144	-12.470	-12.054	-11.778	-11.525	-11.213	-10.823	-10.401
3031	30.30	-10.060	-9.833	-9.834	-10.019	-10.289	-10.494	-10.483	-10.146	-9.439	-8.379
3041	30.40	-7.009	-5.363	-3.442	-1.225	1.299	4.089	7.023	9.911	12.539	14.738
3051	30.50	16.445	17.737	18.807	19.910	21.285	23.085	25.336	27.932	30.661	33.244
3061	30.60	35.378	36.767	37.162	36.388	34.388	31.252	27.229	22.703	18.136	15.969
3071	30.70	10.531	7.970	6.236	5.121	4.350	3.675	2.958	2.204	1.544	1.175
3081	30.80	1.295	2.035	3.422	5.370	7.687	10.095	12.256	13.803	14.383	13.709
3091	30.90	11.624	8.152	3.522	-1.851	-7.433	-12.671	-17.100	-20.427	-22.573	-23.650
3101	31.00	-23.900	-23.608	-23.027	-22.320	-21.558	-20.742	-19.851	-18.883	-17.880	-16.927
3111	31.10	-16.127	-15.557	-15.243	-15.144	-15.165	-15.191	-15.124	-14.915	-14.571	-14.131
3121	31.20	-13.639	-13.108	-12.506	-11.779	-10.880	-9.816	-8.667	-7.575	-6.693	-6.121
3131	31.30	-5.856	-5.772	-5.657	-5.284	-4.485	-3.201	-1.482	0.556	2.782	5.115
3141	31.40	7.506	9.916	12.256	14.352	15.970	16.884	16.976	16.320	15.199	14.042
3151	31.50	13.296	13.296	14.168	15.825	18.033	20.526	23.099	25.638	28.080	30.330
3161	31.60	32.187	33.330	33.389	32.066	29.261	25.138	20.097	14.659	9.358	4.525
3171	31.70	0.330	-3.236	-6.265	-8.836	-10.963	-12.593	-13.657	-14.133	-14.072	-13.600
3181	31.80	-12.868	-12.012	-11.132	-10.294	-9.571	-9.065	-8.896	-9.163	-9.880	-10.932
3191	31.90	-12.084	-13.054	-13.615	-13.701	-13.447	-13.155	-13.186	-13.821	-15.157	-17.062
3201	32.00	-19.222	-21.245	-22.778	-23.594	-23.618	-22.900	-21.563	-19.744	-17.575	-15.180
3211	32.10	-12.693	-10.261	-8.026	-6.094	-4.506	-3.223	-2.154	-1.198	-0.293	0.556
3221	32.20	1.294	1.855	2.211	2.411	2.571	2.839	3.343	4.132	5.186	6.412
3231	32.30	7.701	8.959	10.132	11.187	12.097	12.823	13.321	13.579	13.654	13.696
3241	32.40	13.923	14.557	15.740	17.455	19.505	21.557	23.233	24.216	24.334	23.580
3251	32.50	22.076	20.007	17.558	14.893	12.167	9.566	7.329	5.722	4.970	5.165
3261	32.60	6.202	7.775	9.464	10.863	11.708	11.952	11.741	11.302	10.810	10.276
3271	32.70	9.528	8.289	6.316	3.540	0.131	-3.534	-6.993	-9.855	-11.924	-13.234
3281	32.80	-14.002	-14.506	-14.967	-15.480	-16.010	-16.454	-16.716	-16.767	-16.652	-16.452
3291	32.90	-16.236	-16.027	-15.802	-15.531	-15.226	-14.965	-14.880	-15.103	-15.707	-16.654
3301	33.00	-17.795	-18.903	-19.745	-20.142	-20.013	-19.379	-18.332	-17.000	-15.516	-13.997
3311	33.10	-12.534	-11.193	-9.995	-8.906	-7.823	-6.581	-5.000	-2.934	-0.344	2.664
3321	33.20	5.839	8.827	11.260	12.840	13.415	13.004	11.784	10.028	8.046	6.114
3331	33.30	4.445	3.173	2.365	2.034	2.156	2.674	3.497	4.507	5.561	6.524
3341	33.40	7.290	7.814	8.130	8.334	8.559	8.924	9.488	10.229	11.047	11.799
3351	33.50	12.353	12.638	12.659	12.488	12.215	11.888	11.475	10.864	9.898	8.448
3361	33.60	6.480	4.100	1.546	-0.868	-2.831	-4.122	-4.660	-4.511	-3.862	-2.959
3371	33.70	-2.054	-1.357	-1.014	-1.102	-1.633	-2.557	-3.776	-5.147	-6.510	-7.704
3381	33.80	-8.602	-9.127	-9.255	-9.005	-8.412	-7.506	-6.297	-4.784	-2.971	-0.901
3391	33.90	1.334	3.581	5.650	7.348	8.517	9.081	9.066	8.604	7.913	7.246
3401	34.00	6.835	6.825	7.227	7.911	8.628	9.082	9.014	8.287	6.928	5.127
3411	34.10	3.186	1.433	0.138	-0.547	-0.614	-0.171	0.591	1.456	2.214	2.690
3421	34.20	2.759	2.355	1.484	0.232	-1.249	-2.767	-4.140	-5.254	-6.092	-6.736
3431	34.30	-7.322	-7.974	-8.740	-9.560	-10.289	-10.764	-10.880	-10.657	-10.242	-9.866
3441	34.40	-9.756	-10.045	-10.721	-11.628	-12.525	-13.167	-13.385	-13.126	-12.455	-11.513
3451	34.50	-10.471	-9.479	-8.644	-8.018	-7.598	-7.325	-7.085	-6.711	-6.013	-4.814
3461	34.60	-3.007	-0.604	2.243	5.260	8.109	10.469	12.111	12.947	13.027	12.515
3471	34.70	11.629	10.597	9.616	8.843	8.389	8.323	8.665	9.372	10.338	11.396
3481	34.80	12.353	13.034	13.330	13.234	12.838	12.303	11.806	11.481	11.376	11.438
3491	34.90	11.538	11.511	11.214	10.570	9.588	8.360	7.024	5.724	4.556	3.543

Table 7-79-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1271 713-GR-1-5 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	2.628	1.700	0.633	-0.662	-2.208	-3.955	-5.801	-7.638	-9.388	-11.024
3511	35.10	-12.567	-14.048	-15.468	-16.778	-17.881	-18.671	-19.087	-19.148	-18.963	-18.689
3521	35.20	-18.460	-18.328	-18.221	-17.962	-17.343	-16.204	-14.511	-12.381	-10.037	-7.736
3531	35.30	-5.672	-3.918	-2.419	-1.038	0.364	1.852	3.387	4.835	6.026	6.826
3541	35.40	7.196	7.213	7.048	6.913	7.000	7.430	8.234	9.360	10.702	12.135
3551	35.50	13.547	14.858	16.025	17.029	17.867	18.531	19.005	19.258	19.257	18.979
3561	35.60	18.427	17.640	16.693	15.692	14.755	13.988	13.467	13.213	13.186	13.281
3571	35.70	13.333	13.141	12.493	11.211	9.190	6.434	3.062	-0.697	-4.556	-8.220
3581	35.80	-11.648	-14.089	-16.093	-17.492	-18.360	-18.777	-18.795	-18.433	-17.688	-16.555
3591	35.90	-15.058	-13.265	-11.304	-9.360	-7.660	-6.449	-5.944	-6.284	-7.482	-9.393
3601	36.00	-11.722	-14.074	-16.036	-17.278	-17.627	-17.103	-15.903	-14.337	-12.744	-11.428
3611	36.10	-10.611	-10.421	-10.897	-11.991	-13.555	-15.327	-16.935	-17.931	-17.876	-16.449
3621	36.20	-13.554	-9.372	-4.342	0.940	5.866	9.960	12.966	14.861	15.802	16.027
3631	36.30	15.765	15.186	14.386	13.420	12.328	11.158	9.960	8.777	7.638	6.567
3641	36.40	5.608	4.850	4.426	4.483	5.135	6.403	8.191	10.299	12.475	14.487
3651	36.50	16.181	17.496	18.444	19.052	19.318	19.181	18.539	17.298	15.422	12.967
3661	36.60	10.083	6.974	3.853	0.889	-1.611	-4.208	-6.305	-8.128	-9.707	-11.065
3671	36.70	-12.218	-13.168	-13.898	-14.363	-14.493	-14.209	-13.449	-12.200	-10.520	-8.537
3681	36.80	-6.439	-4.434	-2.725	-1.486	-0.855	-0.930	-1.768	-3.357	-5.598	-8.282
3691	36.90	-11.090	-13.637	-15.542	-16.522	-16.466	-15.466	-13.802	-11.859	-10.036	-8.644
3701	37.00	-7.844	-7.628	-7.843	-8.234	-8.511	-8.400	-7.688	-6.261	-4.126	-1.422
3711	37.10	1.592	4.574	7.163	9.055	10.063	10.154	9.448	8.174	6.614	5.040
3721	37.20	3.677	2.688	2.178	2.204	2.769	3.822	5.242	6.841	8.396	9.689
3731	37.30	10.569	10.993	11.031	10.842	10.615	10.504	10.590	10.859	11.227	11.577
3741	37.40	11.789	11.767	11.442	10.766	9.714	8.294	6.567	4.661	2.766	1.103
3751	37.50	-0.132	-0.820	-0.959	-0.662	-0.111	0.501	1.039	1.463	1.820	2.207
3761	37.60	2.712	3.364	4.112	4.835	5.387	5.647	5.560	5.153	4.531	3.841
3771	37.70	3.235	2.827	2.673	2.753	2.986	3.246	3.398	3.330	2.984	2.370
3781	37.80	1.563	0.686	-0.129	-0.767	-1.156	-1.274	-1.140	-0.802	-0.313	0.278
3791	37.90	0.922	1.568	2.160	2.627	2.901	2.918	2.640	2.053	1.170	0.027
3801	38.00	-1.322	-2.810	-4.353	-5.850	-7.196	-8.289	-9.060	-9.492	-9.634	-9.598
3811	38.10	-9.535	-9.600	-9.904	-10.488	-11.308	-12.241	-13.118	-13.762	-14.029	-13.839
3821	38.20	-13.194	-12.171	-10.909	-9.579	-8.356	-7.384	-6.759	-6.521	-6.647	-7.067
3831	38.30	-7.672	-8.333	-8.914	-9.289	-9.355	-9.051	-8.367	-7.350	-6.098	-4.738
3841	38.40	-3.398	-2.180	-1.136	-0.267	0.462	1.097	1.667	2.162	2.538	2.731
3851	38.50	2.686	2.382	1.847	1.156	0.419	-0.238	-0.692	-0.840	-0.604	0.051
3861	38.60	1.112	2.506	4.102	5.727	7.206	8.407	9.286	9.901	10.393	10.928
3871	38.70	11.619	12.453	13.269	13.778	13.653	12.638	10.647	7.823	4.527	1.254
3881	38.80	-1.477	-3.250	-3.835	-3.221	-1.601	0.695	3.272	5.743	7.786	9.178
3891	38.90	9.818	9.736	9.085	8.110	7.104	6.335	5.986	6.106	6.602	7.274
3901	39.00	7.880	8.206	8.127	7.618	6.733	5.561	4.182	2.645	0.983	-0.759
3911	39.10	-2.489	-4.065	-5.317	-6.103	-6.353	-6.101	-5.471	-4.623	-3.696	-2.762
3921	39.20	-1.823	-0.849	0.155	1.097	1.777	1.932	1.311	-0.227	-2.650	-5.739
3931	39.30	-9.132	-12.419	-15.231	-17.318	-18.572	-19.013	-18.739	-17.888	-16.601	-15.024
3941	39.40	-13.312	-11.646	-10.219	-9.217	-8.772	-8.921	-9.587	-10.586	-11.661	-12.545
3951	39.50	-13.019	-12.962	-12.369	-11.341	-10.044	-8.660	-7.335	-6.148	-5.104	-4.150
3961	39.60	-3.201	-2.179	-1.025	0.294	1.798	3.510	5.458	7.655	10.077	12.624
3971	39.70	15.118	17.318	18.985	19.957	20.211	19.891	19.270	18.676	18.380	18.518
3981	39.80	19.054	19.805	20.522	20.985	21.066	20.759	20.152	19.367	18.510	17.636
3991	39.90	16.762	15.889	15.036	14.250	13.583	13.060	12.648	12.255	11.759	11.059

Table 7-79-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1271 713-GR-1-5 HA. (HA.) YOSHIDAGAWA EHB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	10.117	8.979	7.750	6.539	5.412	4.362	3.325	2.222	1.014	-0.275
4011	40.10	-1.576	-2.828	-4.041	-5.325	-6.870	-8.867	-11.407	-14.411	-17.609	-20.616
4021	40.20	-23.039	-24.609	-25.256	-25.115	-24.453	-23.570	-22.702	-21.981	-21.454	-21.126
4031	40.30	-21.012	-21.141	-21.517	-22.067	-22.594	-22.800	-22.364	-21.063	-18.867	-15.977
4041	40.40	-12.773	-9.681	-7.037	-4.986	-3.467	-2.295	-1.278	-0.330	0.488	1.023
4051	40.50	1.126	0.767	0.089	-0.625	-1.051	-0.945	-0.231	0.990	2.512	4.122
4061	40.60	5.696	7.224	8.769	10.383	12.026	13.543	14.708	15.311	15.258	14.614
4071	40.70	13.588	12.451	11.435	10.659	10.117	9.717	9.363	9.012	8.693	8.479
4081	40.80	8.424	8.512	8.648	8.688	8.514	8.087	7.482	6.855	6.384	6.190
4091	40.90	6.290	6.598	6.962	7.226	7.288	7.114	6.723	6.144	5.373	4.357
4101	41.00	3.005	1.231	-0.996	-3.618	-6.478	-9.338	-11.931	-14.006	-15.380	-15.964
4111	41.10	-15.774	-14.919	-13.575	-11.946	-10.229	-8.588	-7.133	-5.928	-4.999	-4.355
4121	41.20	-4.006	-3.961	-4.225	-4.780	-5.571	-6.504	-7.460	-8.321	-8.992	-9.422
4131	41.30	-9.611	-9.588	-9.401	-9.086	-8.663	-8.134	-7.488	-6.714	-5.799	-4.730
4141	41.40	-3.485	-2.029	-0.320	1.675	3.958	6.475	9.103	11.652	13.893	15.595
4151	41.50	16.578	16.758	16.174	14.991	13.466	11.893	10.537	9.576	9.067	8.955
4161	41.60	9.105	9.360	9.590	9.732	9.783	9.789	9.803	9.861	9.970	10.103
4171	41.70	10.213	10.244	10.132	9.809	9.204	8.262	6.970	5.379	3.623	1.888
4181	41.80	0.374	-0.780	-1.541	-2.007	-2.375	-2.863	-3.630	-4.711	-5.997	-7.276
4191	41.90	-8.307	-8.902	-8.986	-8.610	-7.922	-7.122	-6.401	-5.910	-5.744	-5.940
4201	42.00	-6.483	-7.313	-8.328	-9.396	-10.381	-11.177	-11.738	-12.091	-12.320	-12.524
4211	42.10	-12.766	-13.035	-13.233	-13.208	-12.805	-11.926	-10.562	-8.802	-6.808	-4.769
4221	42.20	-2.860	-1.217	0.080	1.002	1.573	1.865	1.990	2.087	2.290	2.694
4231	42.30	3.328	4.144	5.032	5.862	6.525	6.968	7.193	7.241	7.161	6.990
4241	42.40	6.753	6.699	6.319	6.367	6.832	7.876	9.562	11.794	14.307	16.709
4251	42.50	18.569	19.523	19.357	18.044	15.737	12.715	9.316	5.919	2.806	0.227
4261	42.60	-1.676	-2.865	-3.421	-3.527	-3.425	-3.356	-3.492	-3.878	-4.429	-4.958
4271	42.70	-5.258	-5.180	-4.699	-3.928	-3.079	-2.395	-2.057	-2.137	-2.572	-3.201
4281	42.80	-3.824	-4.276	-4.476	-4.457	-4.350	-4.347	-4.644	-5.384	-6.613	-8.262
4291	42.90	-10.153	-12.035	-13.637	-14.726	-15.162	-14.926	-14.120	-12.940	-11.626	-10.411
4301	43.00	-9.469	-8.887	-8.652	-8.665	-8.759	-8.743	-8.435	-7.708	-6.520	-4.928
4311	43.10	-3.086	-1.206	0.485	1.810	2.673	3.079	3.115	2.904	2.555	2.137
4321	43.20	1.672	1.163	0.638	0.181	-0.055	0.117	0.868	2.294	4.373	6.963
4331	43.30	9.836	12.731	15.412	17.701	19.480	20.672	21.215	21.049	20.126	18.438
4341	43.40	16.061	13.167	10.021	6.937	4.218	2.096	0.691	0.007	-0.049	0.374
4351	43.50	1.111	2.004	2.912	3.713	4.302	4.599	4.564	4.213	3.621	2.913
4361	43.60	2.231	1.699	1.388	1.298	1.366	1.482	1.521	1.364	0.921	0.141
4371	43.70	-0.983	-2.399	-3.993	-5.588	-6.965	-7.903	-8.238	-7.914	-7.016	-5.761
4381	43.80	-4.446	-3.372	-2.759	-2.689	-3.092	-3.781	-4.510	-5.045	-5.219	-4.965
4391	43.90	-4.312	-3.375	-2.331	-1.386	-0.748	-0.579	-0.955	-1.816	-2.961	-4.068
4401	44.00	-4.766	-4.738	-3.821	-2.062	0.281	2.816	5.127	6.890	7.946	8.307
4411	44.10	8.109	7.531	6.716	5.742	4.629	3.375	1.995	0.534	-0.951	-2.426
4421	44.20	-3.902	-5.432	-7.064	-8.781	-10.462	-11.879	-12.757	-12.865	-12.111	-10.582
4431	44.30	-8.535	-6.314	-4.255	-2.605	-1.494	-0.961	-1.016	-1.680	-2.989	-4.936
4441	44.40	-7.394	-10.055	-12.443	-14.005	-14.272	-13.022	-10.384	-6.841	-3.100	0.097
4451	44.50	2.181	2.896	2.324	0.818	-1.151	-3.131	-4.788	-5.923	-6.432	-6.242
4461	44.60	-5.277	-3.464	-0.800	2.576	6.334	9.975	12.909	14.596	14.687	13.121
4471	44.70	10.162	6.345	2.374	-1.019	-3.203	-3.752	-2.499	0.450	4.745	9.847
4481	44.80	15.112	19.886	23.598	25.841	26.417	25.352	22.869	19.332	15.179	10.853
4491	44.90	6.751	3.184	0.356	-1.649	-2.862	-3.409	-3.469	-3.222	-2.799	-2.241

Table 7-79-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1271 713-GR-1-5 HA. (HA.) YOSHIDAGAWA EHB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-1.503	-0.497	0.843	2.480	4.240	5.816	6.842	6.998	6.117	4.251
4511	45.10	1.674	-1.182	-3.835	-5.862	-6.981	-7.091	-6.264	-4.714	-2.756	-0.771
4521	45.20	0.831	1.657	1.389	-0.136	-2.869	-6.519	-10.584	-14.454	-17.543	-19.436
4531	45.30	-19.977	-19.293	-17.729	-15.730	-13.708	-11.943	-10.535	-9.435	-8.508	-7.609
4541	45.40	-6.652	-5.628	-4.596	-3.648	-2.869	-2.310	-1.982	-1.851	-1.860	-1.934
4551	45.50	-1.988	-1.935	-1.694	-1.211	-0.484	0.414	1.324	2.015	2.227	1.741
4561	45.60	0.453	-1.572	-4.075	-6.640	-8.770	-9.995	-9.977	-8.579	-5.892	-2.208
4571	45.70	2.049	6.402	10.395	13.655	15.930	17.111	17.242	16.516	15.239	13.772
4581	45.80	12.448	11.476	10.892	10.543	10.154	9.441	8.229	6.541	4.612	2.811
4591	45.90	1.524	1.019	1.365	2.422	3.910	5.517	6.991	8.204	9.146	9.891
4601	46.00	10.537	11.168	11.838	12.566	13.336	14.078	14.665	14.898	14.541	13.387
4611	46.10	11.344	8.507	5.171	1.782	-1.171	-3.286	-4.331	-4.284	-3.292	-1.598
4621	46.20	0.526	2.804	4.954	6.646	7.508	7.162	5.331	1.957	-2.711	-8.116
4631	46.30	-13.485	-17.997	-20.974	-22.022	-21.082	-18.391	-14.371	-9.505	-4.241	1.037
4641	46.40	5.990	10.270	13.477	15.155	14.838	12.148	6.913	-0.710	-10.165	-20.488
4651	46.50	-30.393	-38.459	-43.376	-44.211	-40.638	-33.049	-22.527	-10.663	0.730	9.946
4661	46.60	15.688	17.271	14.705	8.654	0.300	-8.865	-17.280	-23.556	-26.690	-26.224
4671	46.70	-22.297	-15.594	-7.186	1.702	9.929	16.616	21.225	23.531	23.527	21.320
4681	46.80	17.075	11.031	3.562	-4.751	-13.119	-20.618	-26.340	-29.575	-29.955	-27.509
4691	46.90	-22.630	-15.959	-8.251	-0.256	7.357	14.033	19.346	23.009	24.895	25.050
4701	47.00	23.684	21.128	17.774	14.002	10.137	6.446	3.167	0.543	-1.176	-1.770
4711	47.10	-1.128	0.670	3.518	6.315	9.071	11.056	11.931	11.626	10.327	8.388
4721	47.20	6.216	4.162	2.463	1.249	0.581	0.503	1.065	2.300	4.179	6.557
4731	47.30	9.140	11.510	13.194	13.766	12.956	10.724	7.287	3.077	-1.343	-5.396
4741	47.40	-8.601	-10.648	-11.427	-11.007	-9.585	-7.429	-4.836	-2.121	0.374	2.276
4751	47.50	3.193	2.776	0.816	-2.657	-7.301	-12.473	-17.321	-20.957	-22.661	-22.062
4761	47.60	-19.229	-14.668	-9.209	-3.832	0.527	3.130	3.545	1.686	-2.203	-7.590
4771	47.70	-13.726	-19.738	-24.736	-27.931	-28.761	-26.984	-22.723	-16.436	-8.819	-0.665
4781	47.80	7.283	14.441	20.419	24.997	28.047	29.456	29.093	26.834	22.647	16.697
4791	47.90	9.422	1.539	-6.042	-12.385	-16.714	-18.576	-17.920	-15.073	-10.630	-5.288
4801	48.00	0.296	5.606	10.294	14.146	17.032	18.856	19.551	19.104	17.600	15.243
4811	48.10	12.356	9.329	6.553	4.366	2.909	2.308	2.485	3.284	4.470	5.750
4821	48.20	6.794	7.266	6.887	5.499	3.138	0.062	-3.266	-6.253	-8.304	-8.941
4831	48.30	-7.915	-5.251	-1.246	3.588	8.608	13.132	16.535	18.333	18.255	16.301
4841	48.40	12.761	8.183	3.276	-1.230	-4.741	-6.935	-7.820	-7.707	-7.093	-6.515
4851	48.50	-6.395	-6.953	-8.183	-9.899	-11.822	-13.660	-15.171	-16.188	-16.626	-16.471
4861	48.60	-15.773	-14.627	-13.146	-11.419	-9.469	-7.234	-4.585	-1.412	2.272	6.221
4871	48.70	9.927	12.681	13.754	12.615	9.139	3.699	-2.893	-9.587	-15.372	-19.531
4881	48.80	-21.785	-22.283	-21.461	-19.833	-17.806	-15.578	-13.149	-10.404	-7.232	-3.609
4891	48.90	0.377	4.546	8.669	12.511	15.837	18.422	20.064	20.631	20.133	18.785
4901	49.00	17.022	15.436	14.634	15.053	16.809	19.627	22.890	25.791	27.539	27.534
4911	49.10	25.484	21.415	15.620	8.565	0.821	-6.986	-14.198	-20.155	-24.262	-26.084
4921	49.20	-25.457	-22.557	-17.902	-12.262	-6.492	-1.355	2.632	5.265	6.633	7.024
4931	49.30	6.803	6.299	5.727	5.163	4.555	3.756	2.583	0.872	-1.459	-4.350
4941	49.40	-7.575	-10.761	-13.456	-15.250	-15.897	-15.405	-14.051	-12.310	-10.707	-9.662
4951	49.50	-9.367	-9.749	-10.518	-11.284	-11.682	-11.463	-10.518	-8.858	-6.555	-3.705
4961	49.60	-0.413	3.188	6.923	10.578	13.941	16.865	19.315	21.374	23.191	24.882
4971	49.70	26.438	27.673	28.259	27.826	26.102	23.027	18.800	13.835	8.652	3.746
4981	49.80	-0.517	-3.939	-6.466	-8.137	-9.028	-9.239	-8.898	-8.188	-7.346	-6.624
4991	49.90	-6.211	-6.152	-6.293	-6.305	-5.778	-4.367	-1.949	1.285	4.827	7.949

Table 7-79-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1271 713-GR-1-5 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	9.890	10.058	8.196	4.467	-0.590	-6.188	-11.497	-15.837	-18.825	-20.426
5011	50.10	-20.895	-20.659	-20.158	-19.722	-19.508	-19.514	-19.647	-19.809	-19.944	-20.053
5021	50.20	-20.152	-20.209	-20.115	-19.677	-18.673	-16.915	-14.312	-10.889	-6.767	-2.112
5031	50.30	2.901	8.101	13.302	18.268	22.692	26.228	28.559	29.494	29.033	27.377
5041	50.40	24.867	21.864	18.634	15.275	11.724	7.839	3.518	-1.202	-6.095	-10.776
5051	50.50	-14.791	-17.715	-19.244	-19.232	-17.694	-14.772	-10.708	-5.814	-0.461	4.944
5061	50.60	9.987	14.293	17.579	19.692	20.629	20.518	19.583	18.088	16.291	14.401
5071	50.70	12.554	10.795	9.078	7.284	5.259	2.874	0.083	-3.028	-6.239	-9.229
5081	50.80	-11.665	-13.293	-14.015	-13.920	-13.253	-12.350	-11.542	-11.077	-11.076	-11.512
5091	50.90	-12.228	-12.960	-13.378	-13.131	-11.912	-9.540	-6.034	-1.664	3.052	7.429
5101	51.00	10.750	12.433	12.178	10.046	6.447	2.047	-2.384	-6.171	-8.614	-9.553
5111	51.10	-5.878	-6.750	-3.494	0.468	4.672	8.669	12.068	14.572	15.986	16.224
5121	51.20	15.289	13.261	10.281	6.551	2.333	-2.053	-6.253	-9.913	-12.732	-14.510
5131	51.30	-15.171	-14.762	-13.419	-11.324	-8.670	-5.643	-2.423	0.789	3.772	6.284
5141	51.40	8.096	9.036	9.024	8.096	6.393	4.134	1.573	-1.044	-3.503	-5.652
5151	51.50	-7.399	-8.721	-9.653	-10.271	-10.661	-10.890	-10.969	-10.848	-10.424	-9.586
5161	51.60	-8.264	-6.476	-4.340	-2.053	0.168	2.145	3.794	5.137	6.274	7.336
5171	51.70	8.423	9.566	10.718	11.772	12.601	13.095	13.184	12.855	12.147	11.154
5181	51.80	10.018	8.935	8.126	7.814	8.162	9.215	10.857	12.803	14.645	15.944
5191	51.90	16.351	15.702	14.082	11.807	9.353	7.233	5.874	5.517	6.182	7.673
5201	52.00	9.635	11.631	13.207	13.956	13.564	11.843	8.766	4.488	-0.659	-6.195
5211	52.10	-11.566	-16.240	-19.800	-22.021	-22.881	-22.523	-21.179	-19.083	-16.410	-13.271
5221	52.20	-9.744	-5.945	-2.075	1.559	4.579	6.610	7.376	6.767	4.885	2.016
5231	52.30	-1.419	-4.953	-8.158	-10.716	-12.458	-13.378	-13.605	-13.358	-12.879	-12.371
5241	52.40	-11.957	-11.665	-11.457	-11.274	-11.088	-10.924	-10.851	-10.929	-11.146	-11.373
5251	52.50	-11.374	-10.866	-9.616	-7.544	-4.768	-1.594	1.578	4.360	6.484	7.851
5261	52.60	8.516	8.618	8.300	7.657	6.723	5.506	4.032	2.384	0.708	-0.823
5271	52.70	-2.046	-2.850	-3.184	-3.049	-2.481	-1.529	-0.267	1.203	2.743	4.192
5281	52.80	5.401	6.275	6.796	7.024	7.052	6.955	6.750	6.385	5.786	4.915
5291	52.90	3.829	2.692	1.738	1.192	1.191	1.736	2.703	3.905	5.172	6.410
5301	53.00	7.614	8.831	10.097	11.380	12.567	13.486	13.967	13.893	13.224	11.993
5311	53.10	10.273	8.146	5.703	3.051	0.349	-2.190	-4.316	-5.799	-6.498	-6.410
5321	53.20	-5.679	-4.552	-3.312	-2.203	-1.384	-0.927	-0.834	-1.080	-1.619	-2.391
5331	53.30	-3.294	-4.174	-4.836	-5.087	-4.796	-3.950	-2.681	-1.242	0.045	0.879
5341	53.40	1.043	0.459	-0.804	-2.556	-4.532	-6.455	-8.102	-9.355	-10.232	-10.877
5351	53.50	-11.511	-12.343	-13.476	-14.835	-16.154	-17.041	-17.108	-16.118	-14.093	-11.334
5361	53.60	-8.349	-5.691	-3.789	-2.823	-2.693	-3.080	-3.581	-3.844	-3.658	-2.976
5371	53.70	-1.871	-0.462	1.145	2.887	4.730	6.634	8.526	10.291	11.783	12.851
5381	53.80	13.366	13.236	12.420	10.945	8.923	6.568	4.190	2.155	0.813	0.398
5391	53.90	0.958	2.321	4.137	5.978	7.455	8.326	8.543	8.233	7.533	7.001
5401	54.00	6.552	6.416	6.632	7.158	7.877	8.608	9.121	9.169	8.547	7.164
5411	54.10	5.094	2.580	-0.010	-2.292	-3.971	-4.926	-5.226	-5.075	-4.728	-4.395
5421	54.20	-4.196	-4.167	-4.307	-4.623	-5.155	-5.952	-7.015	-8.252	-9.470	-10.421
5431	54.30	-10.887	-10.766	-10.120	-9.153	-8.132	-7.280	-6.701	-6.348	-6.073	-5.703
5441	54.40	-5.127	-4.340	-3.429	-2.526	-1.741	-1.122	-0.657	-0.309	-0.070	0.019
5451	54.50	-0.121	-0.557	-1.281	-2.166	-2.975	-3.411	-3.205	-2.203	-0.414	1.991
5461	54.60	4.722	7.439	9.825	11.625	12.665	12.854	12.189	10.762	8.776	6.555
5471	54.70	4.511	3.081	2.620	3.296	5.019	7.440	10.022	12.179	13.434	13.539
5481	54.80	12.526	10.672	8.395	6.127	4.208	2.821	2.002	1.678	1.720	1.985
5491	54.90	2.331	2.615	2.693	2.432	1.747	0.638	-0.791	-2.342	-3.777	-4.891

Table 7-79-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1271 713-GR-1-5 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-5.581	-5.878	-5.934	-5.964	-6.172	-6.682	-7.504	-8.541	-9.627	-10.575
5511	55.10	-11.225	-11.466	-11.254	-10.614	-9.634	-8.463	-7.298	-6.349	-5.801	-5.762
5521	55.20	-6.229	-7.078	-8.094	-9.026	-9.658	-9.860	-9.612	-8.991	-8.131	-7.170
5531	55.30	-6.213	-5.316	-4.485	-3.694	-2.907	-2.091	-1.222	-0.295	0.675	1.666
5541	55.40	2.547	3.292	3.792	3.990	3.875	3.494	2.941	2.325	1.736	1.223
5551	55.50	0.791	0.413	0.063	-0.258	-0.512	-0.632	-0.541	-0.177	0.492	1.470
5561	55.60	2.745	4.295	6.098	8.112	10.262	12.430	14.457	16.174	17.450	18.228
5571	55.70	18.547	18.522	18.298	17.981	17.584	17.011	16.086	14.621	12.502	9.765
5581	55.80	6.617	3.409	0.560	-1.552	-2.675	-2.746	-1.892	-0.389	1.415	3.171
5591	55.90	4.592	5.476	5.719	5.292	4.236	2.649	0.689	-1.438	-3.492	-5.242
5601	56.00	-6.519	-7.268	-7.575	-7.653	-7.783	-8.229	-9.147	-10.523	-12.170	-13.774
5611	56.10	-14.994	-15.565	-15.369	-14.469	-13.070	-11.446	-9.860	-8.493	-7.426	-6.658
5621	56.20	-6.145	-5.844	-5.730	-5.788	-5.986	-6.250	-6.459	-6.468	-6.154	-5.465
5631	56.30	-4.442	-3.217	-1.966	-0.849	0.037	0.687	1.173	1.605	2.080	2.642
5641	56.40	3.275	3.915	4.480	4.899	5.132	5.162	4.989	4.616	4.047	3.295
5651	56.50	2.399	1.434	0.506	-0.266	-0.781	-0.984	-0.887	-0.562	-0.123	0.303
5661	56.60	0.617	0.770	0.777	0.722	0.738	0.979	1.580	2.616	4.066	5.795
5671	56.70	7.571	9.111	10.147	10.501	10.133	9.160	7.817	6.396	5.162	4.296
5681	56.80	3.867	3.848	4.147	4.660	5.287	5.944	6.540	6.975	7.131	6.906
5691	56.90	6.246	5.176	3.806	2.297	0.807	-0.564	-1.808	-2.996	-4.224	-5.550
5701	57.00	-6.940	-8.260	-9.314	-9.912	-9.945	-9.423	-8.473	-7.294	-6.097	-5.059
5711	57.10	-4.299	-3.895	-3.901	-4.362	-5.297	-6.668	-8.340	-10.080	-11.591	-12.592
5721	57.20	-12.902	-12.503	-11.548	-10.299	-9.037	-7.967	-7.172	-6.624	-6.246	-5.980
5731	57.30	-5.836	-5.877	-6.151	-6.619	-7.104	-7.307	-6.893	-5.613	-3.413	-0.484
5741	57.40	2.784	5.908	8.458	10.169	10.993	11.070	10.650	9.993	9.302	8.688
5751	57.50	8.194	7.817	7.548	7.372	7.266	7.185	7.060	6.821	6.419	5.861
5761	57.60	5.204	4.545	3.980	3.568	3.314	3.180	3.115	3.089	3.118	3.255
5771	57.70	3.565	4.087	4.800	5.614	6.383	6.937	7.126	6.850	6.085	4.884
5781	57.80	3.368	1.707	0.093	-1.289	-2.293	-2.835	-2.903	-2.556	-1.907	-1.096
5791	57.90	-0.267	0.457	0.979	1.235	1.190	0.843	0.233	-0.562	-1.428	-2.238
5801	58.00	-2.878	-3.282	-3.449	-3.443	-3.363	-3.310	-3.350	-3.492	-3.700	-3.905
5811	58.10	-4.046	-4.082	-3.994	-3.780	-3.431	-2.928	-2.250	-1.395	-0.408	0.607
5821	58.20	1.494	2.078	2.212	1.816	0.910	-0.388	-1.885	-3.348	-4.556	-5.340
5831	58.30	-5.614	-5.393	-4.793	-4.007	-3.269	-2.797	-2.741	-3.139	-3.903	-4.841
5841	58.40	-5.710	-6.281	-6.399	-6.014	-5.175	-3.990	-2.578	-1.026	0.628	2.374
5851	58.50	4.199	6.049	7.814	9.342	10.474	11.097	11.179	10.780	10.030	9.083
5861	58.60	8.074	7.074	6.094	5.104	4.074	3.018	2.012	1.190	0.703	0.673
5871	58.70	1.140	2.044	3.229	4.485	5.593	6.375	6.718	6.576	5.948	4.861
5881	58.80	3.351	1.475	-0.672	-2.938	-5.116	-6.970	-8.292	-8.955	-8.957	-8.422
5891	58.90	-7.567	-6.632	-5.813	-5.221	-4.873	-4.728	-4.731	-4.855	-5.108	-5.510
5901	59.00	-6.057	-6.682	-7.253	-7.591	-7.523	-6.934	-5.797	-4.174	-2.193	-0.016
5911	59.10	2.197	4.288	6.109	7.517	8.388	8.647	8.317	7.542	6.588	5.792
5921	59.20	5.476	5.852	6.951	8.603	10.471	12.142	13.226	13.443	12.671	10.950
5931	59.30	8.454	5.437	2.193	-0.989	-3.846	-6.166	-7.805	-8.701	-8.881	-8.453
5941	59.40	-7.585	-6.472	-5.307	-4.254	-3.438	-2.944	-2.818	-3.068	-3.657	-4.501
5951	59.50	-5.468	-6.403	-7.154	-7.614	-7.753	-7.628	-7.366	-7.129	-7.059	-7.241
5961	59.60	-7.672	-8.270	-8.899	-9.410	-9.684	-9.654	-9.320	-8.738	-7.989	-7.149
5971	59.70	-6.260	-5.317	-4.274	-3.071	-1.668	-0.084	1.593	3.209	4.590	5.585
5981	59.80	6.112	6.183	5.890	5.364	4.732	4.079	3.436	2.805	2.189	1.625
5991	59.90	1.189	0.973	1.042	1.400	1.972	2.630	3.237	3.700	4.009	4.231

Table 7-79-13

TABLE OF CORRECTED ACCELERATION RECORD

NO.13

INDEX NO. 1271 713-GR-1-5 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	4.477	4.866	5.383	6.059	6.790	7.475	8.036	8.443	8.707	8.848
6011	60.10	8.870	8.740	8.402	7.808	6.960	5.934	4.879	3.977	3.396	3.234
6021	60.20	3.485	4.043	4.733	5.360	5.763	5.856	5.639	5.196	4.661	4.186
6031	60.30	3.904	3.899	4.194	4.749	5.474	6.242	6.914	7.353	7.437	7.072
6041	60.40	6.201	4.817	2.976	0.799	-1.534	-3.803	-5.791	-7.331	-8.344	-8.867
6051	60.50	-9.039	-9.068	-9.170	-9.506	-10.134	-10.997	-11.936	-12.738	-13.199	-13.177
6061	60.60	-12.624	-11.599	-10.246	-8.751	-7.308	-6.084	-5.204	-4.755	-4.793	-5.349
6071	60.70	-6.428	-7.987	-9.914	-12.014	-14.022	-15.640	-16.609	-16.770	-16.116	-14.792
6081	60.80	-13.053	-11.178	-9.390	-7.789	-6.349	-4.959	-3.497	-1.906	-0.232	1.384
6091	60.90	2.759	3.744	4.276	4.409	4.285	4.088	3.988	4.096	4.458	5.061
6101	61.00	5.858	6.787	7.773	8.733	9.571	10.202	10.567	10.662	10.553	10.358
6111	61.10	10.220	10.256	10.527	11.025	11.691	12.453	13.257	14.074	14.887	15.653
6121	61.20	16.275	16.596	16.430	15.627	14.138	12.055	9.607	7.107	4.865	3.108
6131	61.30	1.928	1.277	1.014	0.963	0.982	0.991	0.972	0.942	0.917	0.889
6141	61.40	0.827	0.695	0.482	0.218	-0.036	-0.210	-0.259	-0.198	-0.103	-0.104
6151	61.50	-0.341	-0.932	-1.942	-3.373	-5.165	-7.216	-9.397	-11.562	-13.557	-15.229
6161	61.60	-16.447	-17.127	-17.260	-16.928	-16.294	-15.564	-14.924	-14.489	-14.257	-14.121
6171	61.70	-13.898	-13.406	-12.517	-11.205	-9.542	-7.665	-5.726	-3.854	-2.133	-0.609
6181	61.80	0.679	1.688	2.359	2.636	2.498	1.974	1.155	0.172	-0.838	-1.760
6191	61.90	-2.518	-3.070	-3.385	-3.429	-3.156	-2.523	-1.523	-0.201	1.337	2.946
6201	62.00	4.481	5.838	6.980	7.933	8.764	9.547	10.334	11.149	12.001	12.903
6211	62.10	13.880	14.968	16.180	17.481	18.761	19.844	20.521	20.600	19.967	18.613
6221	62.20	16.648	14.271	11.730	9.272	7.102	5.360	4.116	3.378	3.104	3.226
6231	62.30	3.664	4.339	5.174	6.098	7.035	7.892	8.560	8.916	8.865	8.261
6241	62.40	7.129	5.479	3.396	1.000	-1.577	-4.210	-6.785	-9.191	-11.315	-13.041
6251	62.50	-14.268	-14.944	-15.099	-14.857	-14.426	-14.044	-13.917	-14.161	-14.767	-15.615
6261	62.60	-16.518	-17.289	-17.790	-17.968	-17.839	-17.464	-16.907	-16.212	-15.402	-14.496
6271	62.70	-13.528	-12.567	-11.703	-11.027	-10.596	-10.410	-10.400	-10.444	-10.401	-10.145
6281	62.80	-9.599	-8.748	-7.641	-6.374	-5.059	-3.804	-2.683	-1.721	-0.892	-0.128
6291	62.90	0.658	1.541	2.561	3.702	4.898	6.051	7.056	7.838	8.358	8.624
6301	63.00	8.667	8.525	8.227	7.795	7.254	6.654	6.086	5.678	5.566	5.860
6311	63.10	6.594	7.706	9.032	10.338	11.373	11.935	11.914	11.326	10.298	9.039
6321	63.20	7.775	6.698	5.922	5.457	5.229	5.106	4.948	4.667	4.162	3.517
6331	63.30	2.791	2.083	1.478	1.024	0.720	0.524	0.374	0.210	-0.005	-0.280
6341	63.40	-0.597	-0.923	-1.222	-1.475	-1.680	-1.862	-2.066	-2.342	-2.739	-3.284
6351	63.50	-3.972	-4.759	-5.571	-6.312	-6.889	-7.230	-7.296	-7.090	-6.648	-6.029
6361	63.60	-5.300	-4.523	-3.751	-3.022	-2.363	-1.786	-1.295	-0.890	-0.570	-0.344
6371	63.70	-0.226	-0.234	-0.374	-0.623	-0.921	-1.168	-1.251	-1.080	-0.622	0.069
6381	63.80	0.856	1.550	1.964	1.974	1.552	0.782	-0.169	-1.093	-1.800	-2.152
6391	63.90	-2.084	-1.603	-0.769	0.318	1.537	2.754	3.841	4.688	5.222	5.432
6401	64.00	5.367	5.132	4.863	4.689	4.708	4.968	5.461	6.141	6.934	7.755
6411	64.10	8.513	9.118	9.488	9.559	9.299	8.718	7.864	6.810	5.630	4.379
6421	64.20	3.087	1.766	0.440	-0.834	-1.955	-2.787	-3.195	-3.090	-2.456	-1.367
6431	64.30	0.033	1.564	3.044	4.322	5.287	5.860	5.991	5.657	4.861	3.649
6441	64.40	2.111	0.370	-1.433	-3.176	-4.770	-6.171	-7.360	-8.325	-9.043	-9.470
6451	64.50	-9.563	-9.309	-8.748	-7.986	-7.173	-6.474	-6.017	-5.859	-5.972	-6.252
6461	64.60	-6.546	-6.685	-6.520	-5.943	-4.905	-3.433	-1.631	0.321	2.189	3.728
6471	64.70	4.730	5.085	4.812	4.059	3.068	2.102	1.378	1.008	0.981	1.189
6481	64.80	1.479	1.716	1.817	1.784	1.668	1.542	1.467	1.471	1.554	1.700
6491	64.90	1.897	2.145	2.448	2.795	3.145	3.424	3.540	3.412	3.008	2.354

Table 7-79-14

TABLE OF CORRECTED ACCELERATION RECORD

NO.14

INDEX NO. 1271 713-GR-1-5 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	1.539	0.684	-0.098	-0.734	-1.207	-1.343	-1.789	-1.977	-2.114	-2.183
6511	65.10	-2.171	-2.102	-2.050	-2.128	-2.456	-3.105	-4.057	-5.190	-6.307	-7.184
6521	65.20	-7.647	-7.617	-7.128	-6.308	-5.330	-4.353	-3.489	-2.785	-2.238	-1.821
6531	65.30	-1.506	-1.271	-1.101	-0.971	-0.847	-0.688	-0.466	-0.185	0.109	0.347
6541	65.40	0.459	0.409	0.225	-0.007	-0.163	-0.127	0.166	0.703	1.393	2.094
6551	65.50	2.658	2.976	3.008	2.789	2.415	2.008	1.681	1.515	1.542	1.746
6561	65.60	2.079	2.474	2.860	3.171	3.352	3.361	3.170	2.774	2.193	1.484
6571	65.70	0.733	0.045	-0.481	-0.781	-0.851	-0.745	-0.570	-0.442	-0.444	-0.595
6581	65.80	-0.832	-1.036	-1.067	-0.824	-0.283	0.487	1.341	2.102	2.606	2.747
6591	65.90	2.500	1.914	1.092	0.172	-0.705	-1.406	-1.821	-1.875	-1.537	-0.831
6601	66.00	0.159	1.295	2.409	3.321	3.874	3.952	3.494	2.501	1.033	-0.789
6611	66.10	-2.795	-4.771	-6.493	-7.757	-8.424	-8.454	-7.913	-6.956	-5.788	-4.610
6621	66.20	-3.576	-2.769	-2.213	-1.894	-1.789	-1.883	-2.163	-2.605	-3.152	-3.711
6631	66.30	-4.166	-4.410	-4.374	-4.051	-3.489	-2.778	-2.016	-1.289	-0.662	-0.179
6641	66.40	0.129	0.244	0.170	-0.053	-0.339	-0.563	-0.591	-0.315	0.309	1.244
6651	66.50	2.387	3.605	4.779	5.831	6.732	7.481	8.069	8.455	8.570	8.339
6661	66.60	7.728	6.778	5.619	4.443	3.450	2.794	2.527	2.589	2.831	3.062
6671	66.70	3.102	2.833	2.214	1.290	0.161	-1.039	-2.171	-3.112	-3.768	-4.082
6681	66.80	-4.037	-3.652	-2.977	-2.088	-1.072	-0.024	0.963	1.807	2.436	2.802
6691	66.90	2.882	2.682	2.230	1.572	0.758	-0.169	-1.169	-2.200	-3.201	-4.088
6701	67.00	-4.754	-5.093	-5.036	-4.578	-3.797	-2.833	-1.857	-1.013	-0.380	0.045
6711	67.10	0.328	0.559	0.810	1.113	1.456	1.819	2.202	2.647	3.229	4.017
6721	67.20	5.030	6.207	7.408	8.452	9.167	9.450	9.283	8.727	7.879	6.833
6731	67.30	5.649	4.361	3.002	1.637	0.380	-0.625	-1.244	-1.408	-1.149	-0.596
6741	67.40	0.059	0.628	0.985	1.097	1.022	0.868	0.742	0.710	0.783	0.930
6751	67.50	1.106	1.285	1.469	1.679	1.938	2.242	2.553	2.800	2.906	2.807
6761	67.60	2.473	1.912	1.160	0.262	-0.739	-1.818	-2.958	-4.144	-5.346	-6.508
6771	67.70	-7.545	-8.357	-8.849	-8.954	-8.661	-8.024	-7.156	-6.203	-5.306	-4.562
6781	67.80	-3.998	-3.574	-3.209	-2.826	-2.396	-1.957	-1.605	-1.455	-1.589	-2.015
6791	67.90	-2.658	-3.382	-4.042	-4.537	-4.841	-4.998	-5.089	-5.183	-5.303	-5.416
6801	68.00	-5.457	-5.371	-5.145	-4.821	-4.469	-4.148	-3.864	-3.555	-3.115	-2.462
6811	68.10	-1.496	-0.325	0.933	2.098	3.013	3.597	3.868	3.924	3.897	3.898
6821	68.20	3.978	4.126	4.293	4.432	4.529	4.607	4.712	4.878	5.104	5.343
6831	68.30	5.524	5.585	5.498	5.288	5.015	4.745	4.515	4.315	4.097	3.803
6841	68.40	3.399	2.908	2.403	1.988	1.749	1.725	1.882	2.137	2.383	2.540
6851	68.50	2.578	2.518	2.406	2.268	2.082	1.767	1.209	0.313	-0.953	-2.524
6861	68.60	-4.244	-5.911	-7.333	-8.384	-9.033	-9.334	-9.390	-9.310	-9.172	-9.014
6871	68.70	-8.844	-8.667	-8.496	-8.356	-8.259	-8.179	-8.035	-7.704	-7.054	-5.993
6881	68.80	-4.512	-2.701	-0.732	1.193	2.887	4.229	5.171	5.729	5.948	5.880
6891	68.90	5.565	5.043	4.368	3.619	2.904	2.334	1.997	1.933	2.128	2.524
6901	69.00	3.052	3.655	4.310	5.017	5.782	6.600	7.436	8.234	8.934	9.497
6911	69.10	9.915	10.212	10.426	10.581	10.677	10.682	10.549	10.237	9.730	9.044
6921	69.20	8.221	7.312	6.363	5.407	4.457	3.521	2.597	1.680	0.756	-0.206
6931	69.30	-1.243	-2.393	-3.666	-5.025	-6.378	-7.591	-8.513	-9.022	-9.062	-8.658
6941	69.40	-7.913	-6.976	-6.009	-5.147	-4.484	-4.071	-3.932	-4.077	-4.511	-5.230
6951	69.50	-6.201	-7.359	-8.598	-9.787	-10.798	-11.537	-11.963	-12.092	-11.988	-11.728
6961	69.60	-11.382	-10.993	-10.574	-10.121	-9.631	-9.111	-8.579	-8.054	-7.538	-7.008
6971	69.70	-6.413	-5.691	-4.790	-3.688	-2.404	-0.994	0.462	1.889	3.222	4.424
6981	69.80	5.476	6.371	7.099	7.645	7.984	8.091	7.947	7.550	6.920	6.109
6991	69.90	5.198	4.298	3.533	3.024	2.852	3.037	3.521	4.171	4.814	5.280

Table 7-79-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1271 713-GR-1-S HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	5.452	5.298	4.875	4.302	3.716	3.231	2.909	2.758	2.754	2.861
7011	70.10	3.055	3.314	3.608	3.886	4.066	4.062	3.814	3.322	2.663	1.969
7021	70.20	1.386	1.018	0.884	0.914	0.982	0.958	0.762	0.396	-0.068	-0.523
7031	70.30	-0.878	-1.093	-1.189	-1.222	-1.250	-1.297	-1.346	-1.349	-1.256	-1.044
7041	70.40	-0.730	-0.366	-0.019	0.254	0.418	0.466	0.410	0.275	0.092	-0.105
7051	70.50	-0.276	-0.386	-0.414	-0.369	-0.296	-0.265	-0.347	-0.582	-0.953	-1.384
7061	70.60	-1.765	-1.990	-2.003	-1.812	-1.484	-1.111	-0.767	-0.478	-0.217	0.066
7071	70.70	0.411	0.817	1.238	1.604	1.849	2.002	2.079	2.178	2.377	2.710
7081	70.80	3.143	3.586	3.928	4.082	4.017	3.754	3.352	2.873	2.354	1.804
7091	70.90	1.220	0.610	0.016	-0.488	-0.809	-0.872	-0.634	-0.099	0.699	1.709
7101	71.00	2.886	4.186	5.557	6.921	8.162	9.137	9.706	9.773	9.313	8.382
7111	71.10	7.094	5.586	3.974	2.332	0.696	-0.917	-2.476	-3.923	-5.175	-6.148
7121	71.20	-6.791	-7.109	-7.162	-7.042	-6.842	-6.621	-6.391	-6.127	-5.788	-5.348
7131	71.30	-4.810	-4.208	-3.592	-3.096	-2.475	-2.009	-1.609	-1.290	-1.083	-1.038
7141	71.40	-1.207	-1.626	-2.293	-3.170	-4.184	-5.243	-6.255	-7.140	-7.833	-8.267
7151	71.50	-8.473	-8.378	-8.009	-7.394	-6.579	-5.617	-4.565	-3.473	-2.377	-1.312
7161	71.60	-0.317	0.563	1.267	1.736	1.923	1.812	1.424	0.823	0.103	-0.624
7171	71.70	-1.250	-1.678	-1.843	-1.715	-1.315	-0.711	-0.016	0.632	1.100	1.300
7181	71.80	1.215	0.910	0.516	0.189	0.056	0.176	0.526	1.019	1.542	2.013
7191	71.90	2.407	2.758	3.133	3.585	4.115	4.656	5.095	5.316	5.242	4.866
7201	72.00	4.251	3.499	2.714	1.965	1.282	0.664	0.108	-0.366	-0.715	-0.889
7211	72.10	-0.857	-0.637	-0.300	0.048	0.299	0.382	0.281	0.034	-0.295	-0.651
7221	72.20	-1.009	-1.376	-1.781	-2.241	-2.740	-3.228	-3.633	-3.887	-3.953	-3.840
7231	72.30	-3.593	-3.274	-2.939	-2.623	-2.337	-2.083	-1.860	-1.683	-1.571	-1.540
7241	72.40	-1.586	-1.673	-1.738	-1.707	-1.513	-1.123	-0.542	0.182	0.975	1.755
7251	72.50	2.451	3.020	3.447	3.748	3.954	4.099	4.206	4.278	4.299	4.245
7261	72.60	4.106	3.903	3.497	3.588	3.682	4.065	4.762	5.722	6.823	7.904
7271	72.70	8.801	9.390	9.604	9.436	8.915	8.080	6.969	5.618	4.075	2.421
7281	72.80	0.774	-0.721	-1.922	-2.726	-3.102	-3.094	-2.807	-2.375	-1.929	-1.567
7291	72.90	-1.348	-1.297	-1.416	-1.691	-2.099	-2.562	-3.036	-3.426	-3.650	-3.655
7301	73.00	-3.435	-3.041	-2.567	-2.137	-1.869	-1.856	-2.146	-2.739	-3.581	-4.577
7311	73.10	-5.597	-6.497	-7.139	-7.423	-7.307	-6.817	-6.042	-5.101	-4.111	-3.157
7321	73.20	-2.272	-1.450	-0.672	0.072	0.766	1.373	1.864	2.242	2.554	2.881
7331	73.30	3.306	3.870	4.550	5.252	5.851	6.228	6.323	6.145	5.761	5.257
7341	73.40	4.694	4.084	3.393	2.573	1.605	0.528	-0.559	-1.521	-2.239	-2.647
7351	73.50	-2.753	-2.634	-2.401	-2.154	-1.958	-1.824	-1.728	-1.630	-1.499	-1.331
7361	73.60	-1.147	-0.980	-0.866	-0.832	-0.893	-1.052	-1.301	-1.626	-1.995	-2.366
7371	73.70	-2.689	-2.915	-3.012	-2.974	-2.827	-2.617	-2.398	-2.209	-2.065	-1.955
7381	73.80	-1.858	-1.752	-1.636	-1.527	-1.454	-1.438	-1.471	-1.512	-1.490	-1.329
7391	73.90	-0.979	-0.436	0.244	0.960	1.595	2.055	2.295	2.328	2.217	2.038
7401	74.00	1.848	1.664	1.459	1.188	0.816	0.352	-0.145	-0.579	-0.851	-0.899
7411	74.10	-0.724	-0.388	0.007	0.362	0.618	0.771	0.859	0.935	1.021	1.092
7421	74.20	1.073	0.866	0.400	-0.335	-1.271	-2.289	-3.164	-3.805	-4.098	-4.019
7431	74.30	-3.613	-2.964	-2.167	-1.306	-0.447	0.364	1.089	1.695	2.156	2.457
7441	74.40	2.604	2.625	2.562	2.462	2.363	2.294	2.270	2.302	2.407	2.605
7451	74.50	2.914	3.340	3.866	4.447	5.019	5.514	5.865	6.114	6.218	6.243
7461	74.60	6.239	6.241	6.262	6.281	6.260	6.154	5.923	5.544	5.012	4.337
7471	74.70	3.541	2.653	1.716	0.780	-0.093	-0.835	-1.387	-1.703	-1.768	-1.599
7481	74.80	-1.251	-0.801	-0.345	0.021	0.213	0.176	-0.112	-0.634	-1.339	-2.149
7491	74.90	-2.982	-3.761	-4.431	-4.965	-5.359	-5.623	-5.774	-5.826	-5.789	-5.675

Table 7-79-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1271 713-GR-1-S HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-5.504	-5.306	-5.115	-4.967	-4.885	-4.881	-4.950	-5.081	-5.261	-5.480
7511	75.10	-5.722	-5.965	-6.169	-6.280	-6.247	-6.034	-5.643	-5.112	-4.510	-3.912
7521	75.20	-3.373	-2.916	-2.534	-2.206	-1.922	-1.693	-1.554	-1.535	-1.661	-1.830
7531	75.30	-2.018	-2.104	-2.007	-1.705	-1.238	-0.693	-0.170	0.261	0.581	0.817
7541	75.40	1.016	1.211	1.398	1.543	1.603	1.559	1.439	1.312	1.262	1.344
7551	75.50	1.557	1.841	2.101	2.252	2.263	2.171	2.076	2.094	2.316	2.766
7561	75.60	3.400	4.119	4.804	5.352	5.701	5.831	5.760	5.527	5.183	4.786
7571	75.70	4.401	4.089	3.905	3.877	4.003	4.242	4.526	4.786	4.956	5.018
7581	75.80	4.980	4.879	4.763	4.674	4.632	4.634	4.659	4.676	4.656	4.578
7591	75.90	4.435	4.231	3.983	3.713	3.441	3.183	2.940	2.703	2.454	2.170
7601	76.00	1.833	1.430	0.955	0.411	-0.192	-0.836	-1.490	-2.113	-2.661	-3.096
7611	76.10	-3.398	-3.581	-3.688	-3.779	-3.910	-4.110	-4.367	-4.642	-4.885	-5.063
7621	76.20	-5.180	-5.278	-5.414	-5.627	-5.919	-6.240	-6.511	-6.653	-6.627	-6.451
7631	76.30	-6.189	-5.928	-5.733	-5.627	-5.581	-5.533	-5.420	-5.207	-4.897	-4.522
7641	76.40	-4.126	-3.738	-3.366	-3.001	-2.632	-2.257	-1.890	-1.549	-1.242	-0.951
7651	76.50	-0.634	-0.242	0.260	0.873	1.556	2.240	2.846	3.315	3.620	3.770
7661	76.60	3.797	3.735	3.615	3.453	3.259	3.042	2.819	2.610	2.433	2.302
7671	76.70	2.219	2.185	2.203	2.283	2.443	2.695	3.038	3.442	3.852	4.197
7681	76.80	4.408	4.435	4.265	3.921	3.458	2.944	2.448	2.019	1.681	1.429
7691	76.90	1.232	1.042	0.808	0.494	0.089	-0.384	-0.874	-1.318	-1.658	-1.858
7701	77.00	-1.916	-1.858	-1.720	-1.538	-1.328	-1.094	-0.833	-0.557	-0.302	-0.120
7711	77.10	-0.067	-0.174	-0.431	-0.782	-1.145	-1.439	-1.623	-1.706	-1.746	-1.820
7721	77.20	-1.983	-2.245	-2.560	-2.846	-3.020	-3.034	-2.894	-2.657	-2.403	-2.200
7731	77.30	-2.079	-2.027	-2.003	-1.963	-1.892	-1.802	-1.731	-1.712	-1.751	-1.819
7741	77.40	-1.861	-1.819	-1.663	-1.409	-1.109	-0.832	-0.637	-0.542	-0.525	-0.635
7751	77.50	-0.511	-0.409	-0.204	0.114	0.550	1.117	1.826	2.667	3.595	4.509
7761	77.60	5.276	5.757	5.859	5.572	4.978	4.227	3.485	2.879	2.455	2.177
7771	77.70	1.956	1.699	1.358	0.950	0.544	0.225	0.052	0.029	0.106	0.205
7781	77.80	0.260	0.252	0.213	0.212	0.321	0.577	0.957	1.384	1.753	1.965
7791	77.90	1.964	1.755	1.396	0.978	0.589	0.282	0.059	-0.128	-0.349	-0.670
7801	78.00	-1.118	-1.668	-2.240	-2.736	-3.071	-3.211	-3.191	-3.102	-3.058	-3.147
7811	78.10	-3.389	-3.731	-4.060	-4.255	-4.236	-4.001	-3.629	-3.243	-2.966	-2.865
7821	78.20	-2.932	-5.096	-3.259	-3.343	-3.318	-3.208	-3.068	-2.946	-2.861	-2.795
7831	78.30	-2.708	-2.572	-2.386	-2.185	-2.023	-1.936	-1.925	-1.946	-1.932	-1.816
7841	78.40	-1.567	-1.197	-0.752	-0.284	0.174	0.623	1.090	1.601	2.159	2.732
7851	78.50	3.264	3.701	4.025	4.270	4.513	4.841	5.312	5.922	6.601	7.237
7861	78.60	7.722	7.993	8.056	7.977	7.846	7.737	7.671	7.614	7.496	7.252
7871	78.70	6.858	6.347	5.793	5.282	4.863	4.531	4.229	3.879	3.426	2.880
7881	78.80	2.317	1.857	1.613	1.642	1.909	2.295	2.635	2.778	2.633	2.196
7891	78.90	1.534	0.747	-0.080	-0.910	-1.753	-2.640	-3.585	-4.551	-5.449	-6.159
7901	79.00	-6.579	-6.660	-6.433	-5.996	-5.479	-5.003	-4.660	-4.402	-4.255	-4.146
7911	79.10	-4.029	-3.885	-3.719	-3.549	-3.390	-3.244	-3.101	-2.953	-2.796	-2.636
7921	79.20	-2.485	-2.349	-2.220	-2.075	-1.887	-1.636	-1.323	-0.977	-0.647	-0.389
7931	79.30	-0.248	-0.249	-0.381	-0.607	-0.869	-1.094	-1.214	-1.170	-0.929	-0.488
7941	79.40	0.120	0.830	1.553	2.197	2.684	2.963	3.021	2.875	2.571	2.163
7951	79.50	1.714	1.281	0.918	0.669	0.564	0.608	0.781	1.032	1.289	1.477
7961	79.60	1.534	1.429	1.162	0.762	0.273	-0.257	-0.790	-1.299	-1.763	-2.164
7971	79.70	-2.483	-2.702	-2.809	-2.804	-2.703	-2.528	-2.310	-2.071	-1.830	-1.598
7981	79.80	-1.388	-1.214	-1.098	-1.059	-1.106	-1.235	-1.417	-1.613	-1.780	-1.887
7991	79.90	-1.926	-1.917	-1.894	-1.895	-1.946	-2.043	-2.156	-2.231	-2.208	-2.043

Table 7-79-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1271 713-GR-1-5 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-1.723	-1.277	-0.767	-0.283	0.087	0.278	0.264	0.066	-0.250	-0.592
8011	80.10	-0.862	-0.981	-0.908	-0.644	-0.237	0.233	0.673	1.002	1.166	1.158
8021	80.20	1.020	0.830	0.678	0.645	0.771	1.045	1.411	1.788	2.099	2.295
8031	80.30	2.368	2.346	2.264	2.150	2.000	1.786	1.475	1.054	0.551	0.042
8041	80.40	-0.376	-0.612	-0.616	-0.396	-0.008	0.462	0.937	1.367	1.737	2.652
8051	80.50	2.316	2.512	2.606	2.557	2.347	1.995	1.565	1.149	0.837	0.690
8061	80.60	0.719	0.888	1.128	1.366	1.526	1.566	1.454	1.176	0.738	0.167
8071	80.70	-0.488	-1.150	-1.735	-2.169	-2.411	-2.466	-2.381	-2.223	-2.053	-1.902
8081	80.80	-1.768	-1.630	-1.471	-1.299	-1.155	-1.096	-1.171	-1.391	-1.714	-2.056
8091	80.90	-2.314	-2.404	-2.284	-1.964	-1.496	-0.953	-0.406	0.089	0.499	0.805
8101	81.00	1.003	1.100	1.114	1.079	1.040	1.040	1.110	1.256	1.463	1.698
8111	81.10	1.932	2.151	2.364	2.593	2.866	3.199	3.593	4.030	4.486	4.927
8121	81.20	5.314	5.598	5.717	5.612	5.243	4.615	3.797	2.912	2.113	1.531
8131	81.30	1.231	1.191	1.310	1.456	1.523	1.468	1.331	1.200	1.165	1.268
8141	81.40	1.479	1.713	1.869	1.878	1.733	1.484	1.206	0.960	0.761	0.577
8151	81.50	0.353	0.049	-0.342	-0.789	-1.250	-1.701	-2.156	-2.662	-3.268	-3.984
8161	81.60	-4.761	-5.491	-6.042	-6.306	-6.242	-5.885	-5.332	-4.701	-4.090	-3.558
8171	81.70	-3.123	-2.788	-2.562	-2.467	-2.529	-2.757	-3.123	-3.559	-3.977	-4.300
8181	81.80	-4.487	-4.544	-4.511	-4.434	-4.336	-4.211	-4.035	-3.786	-3.468	-3.117
8191	81.90	-2.787	-2.514	-2.301	-2.099	-1.833	-1.433	-0.868	-0.167	0.588	1.295
8201	82.00	1.865	2.254	2.465	2.541	2.536	2.496	2.449	2.408	2.380	2.377
8211	82.10	2.409	2.479	2.575	2.665	2.714	2.692	2.596	2.450	2.294	2.170
8221	82.20	2.096	2.067	2.056	2.035	1.987	1.916	1.834	1.746	1.640	1.478
8231	82.30	1.218	0.832	0.328	-0.238	-0.783	-1.219	-1.481	-1.551	-1.452	-1.235
8241	82.40	-0.952	-0.648	-0.349	-0.079	0.136	0.256	0.241	0.069	-0.243	-0.636
8251	82.50	-1.019	-1.302	-1.426	-1.387	-1.236	-1.061	-0.943	-0.932	-1.030	-1.194
8261	82.60	-1.366	-1.493	-1.550	-1.536	-1.463	-1.335	-1.134	-0.827	-0.381	0.214
8271	82.70	0.927	1.691	2.412	3.001	3.399	3.587	3.588	3.446	3.210	2.918
8281	82.80	2.595	2.258	1.934	1.664	1.495	1.468	1.593	1.836	2.118	2.336
8291	82.90	2.398	2.250	1.908	1.446	0.977	0.612	0.421	0.414	0.540	0.715
8301	83.00	0.856	0.908	0.861	0.738	0.573	0.386	0.172	-0.096	-0.444	-0.877
8311	83.10	-1.362	-1.836	-2.231	-2.499	-2.635	-2.679	-2.692	-2.724	-2.781	-2.821
8321	83.20	-2.762	-2.524	-2.064	-1.406	-0.642	0.089	0.667	0.932	0.909	0.614
8331	83.30	0.138	-0.401	-0.891	-1.239	-1.393	-1.334	-1.081	-0.681	-0.206	0.265
8341	83.40	0.659	0.927	1.058	1.080	1.047	1.021	1.046	1.136	1.273	1.426
8351	83.50	1.565	1.680	1.783	1.895	2.033	2.194	2.352	2.473	2.531	2.523
8361	83.60	2.475	2.427	2.409	2.426	2.447	2.416	2.281	2.016	1.642	1.215
8371	83.70	0.813	0.500	0.307	0.224	0.209	0.211	0.188	0.121	0.008	-0.146
8381	83.80	-0.340	-0.584	-0.889	-1.261	-1.684	-2.131	-2.565	-2.962	-3.322	-3.663
8391	83.90	-4.009	-4.366	-4.707	-4.972	-5.087	-4.999	-4.710	-4.285	-3.839	-3.502
8401	84.00	-3.369	-3.465	-3.735	-4.068	-4.337	-4.447	-4.358	-4.095	-3.717	-3.289
8411	84.10	-2.849	-2.404	-1.939	-1.445	-0.935	-0.449	-0.042	0.248	0.419	0.511
8421	84.20	0.596	0.742	0.990	1.332	1.723	2.098	2.405	2.623	2.763	2.850
8431	84.30	2.907	2.934	2.922	2.864	2.779	2.719	2.758	2.954	3.321	3.804
8441	84.40	4.293	4.660	4.810	4.721	4.449	4.103	3.789	3.565	3.418	3.284
8451	84.50	3.093	2.818	2.500	2.236	2.128	2.227	2.496	2.816	3.031	3.013
8461	84.60	2.721	2.208	1.590	0.987	0.464	0.009	-0.446	-0.968	-1.570	-2.187
8471	84.70	-2.701	-2.995	-3.030	-2.872	-2.678	-2.633	-2.862	-3.373	-4.047	-4.693
8481	84.80	-5.133	-5.281	-5.180	-4.977	-4.844	-4.903	-5.163	-5.521	-5.814	-5.899
8491	84.90	-5.710	-5.289	-4.756	-4.256	-3.891	-3.693	-3.627	-3.621	-3.618	-3.598

Table 7-79-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1271 713-GR-1-5 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = -97.809 (GAL) T= 12.93 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-3.586	-3.621	-3.729	-3.895	-4.067	-4.173	-4.150	-3.970	-3.640	-3.194
8511	85.10	-2.670	-2.097	-1.487	-0.848	-0.198	0.430	0.993	1.449	1.785	2.023
8521	85.20	2.223	2.468	2.833	3.366	4.074	4.918	5.834	6.745	7.577	8.271
8531	85.30	8.788	9.107	9.222	9.148	8.913	8.560	8.145	7.724	7.352	7.070
8541	85.40	6.904	6.861	6.928	7.074	7.256	7.428	7.547	7.585	7.532	7.396
8551	85.50	7.194	6.941	6.641	6.276	5.819	5.243	4.536	3.719	2.843	1.979
8561	85.60	1.197	0.544	0.026	-0.390	-0.770	-1.186	-1.696	-2.332	-3.086	-3.924
8571	85.70	-4.794	-5.642	-6.426	-7.117	-7.706	-8.196	-8.601	-8.942	-9.237	-9.502
8581	85.80	-9.743	-9.955	-10.128	-10.246	-10.299	-10.288	-10.229	-10.151	-10.086	-10.056
8591	85.90	-10.068	-10.102	-10.117	-10.056	-9.870	-9.523	-9.012	-8.364	-7.636	-6.898
8601	86.00	-6.216	-5.639	-5.186	-4.842	-4.563	-4.283	-3.934	-3.457	-2.819	-2.019
8611	86.10	-1.090	-0.090	0.908	1.837	2.651	3.333	3.902	4.397	4.872	5.370
8621	86.20	5.918	6.515	7.143	7.775	8.389	8.972	9.525	10.055	10.564	11.048
8631	86.30	11.490	11.869	12.164	12.357	12.442	12.415	12.276	12.024	11.668	11.226
8641	86.40	10.734	10.237	9.782	9.399	9.083	8.794	8.471	8.052	7.507	6.852
8651	86.50	6.152	5.493	4.951	4.561	4.301	4.102	3.872	3.536	3.058	2.448
8661	86.60	1.745	0.994	0.221	-0.577	-1.423	-2.342	-3.336	-4.379	-5.418	-6.390
8671	86.70	-7.242	-7.947	-8.502	-8.919	-9.219	-9.415	-9.520	-9.544	-9.506	-9.435
8681	86.80	-9.362	-9.316	-9.312	-9.349	-9.411	-9.478	-9.529	-9.565	-9.510	-9.408
8691	86.90	-9.225	-8.955	-8.608	-8.211	-7.804	-7.420	-7.076	-6.754	-6.408	-5.987
8701	87.00	-5.459	-4.833	-4.165	-3.531	-2.997	-2.583	-2.246	-1.897	-1.439	-0.810
8711	87.10	-0.017	0.863	1.719	2.446	2.993	3.381	3.680	3.976	4.323	4.717
8721	87.20	5.101	5.391	5.519	5.460	5.247	4.946	4.636	4.376	4.195	4.099
8731	87.30	4.082	4.140	4.275	4.482	4.742	5.013	5.243	5.384	5.413	5.341
8741	87.40	5.209	5.066	4.969	4.870	4.813	4.755	4.679	4.584	4.481	4.380
8751	87.50	4.273	4.134	3.927	3.630	3.254	2.845	2.464	2.160	1.938	1.750
8761	87.60	1.515	1.156	0.642	0.011	-0.636	-1.181	-1.529	-1.654	-1.605	-1.479
8771	87.70	-1.376	-1.360	-1.434	-1.554	-1.664	-1.729	-1.758	-1.792	-1.882	-2.049
8781	87.80	-2.270	-2.485	-2.623	-2.646	-2.570	-2.464	-2.425	-2.538	-2.839	-3.303
8791	87.90	-3.854	-4.399	-4.858	-5.188	-5.388	-5.482	-5.497	-5.447	-5.332	-5.137
8801	88.00	-4.859	-4.509	-4.124	-3.756	-3.458	-3.267	-3.184	-3.173	-3.162	-3.063
8811	88.10	-2.795	-2.313	-1.635	-0.863	-0.068	0.540	0.868	0.877	0.620	0.234
8821	88.20	-0.111	-0.262	-0.139	0.243	0.789	1.366	1.856	2.195	2.383	2.464
8831	88.30	2.494	2.512	2.527	2.529	2.516	2.504	2.531	2.630	2.803	2.999
8841	88.40	3.124	3.073	2.779	2.245	1.554	0.839	0.228	-0.203	-0.455	-0.597
8851	88.50	-0.727	-0.916	-1.183	-1.489	-1.770	-1.971	-2.084	-2.141	-2.198	-2.296
8861	88.60	-2.437	-2.580	-2.668	-2.661	-2.567	-2.440	-2.358	-2.384	-2.536	-2.774
8871	88.70	-3.024	-3.212	-3.294	-3.271	-3.179	-3.059	-2.926	-2.763	-2.532	-2.201
8881	88.80	-1.770	-1.284	-0.813	-0.426	-0.154	0.021	0.159	0.325	0.559	0.855
8891	88.90	1.158	1.399	1.525	1.529	1.461	1.404	1.448	1.654	2.036	2.558
8901	89.00	3.151	3.737	4.249	4.647	4.919	5.082	5.168	5.217	5.263	5.322
8911	89.10	5.389	5.439	5.436	5.353	5.191	4.985	4.800	4.702	4.728	4.866
8921	89.20	5.046	5.162	5.113	4.843	4.363	3.753	3.129	2.601	2.234	2.035
8931	89.30	1.959	1.939	1.916	1.863	1.784	1.702	1.641	1.612	1.613	1.637
8941	89.40	1.675	1.723	1.769	1.785	1.725	1.532	1.162	0.611	-0.070	-0.783

Table 7-80-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1272 713-GR-1-5 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -52.879 (GAL) T= 13.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-4.808	-5.627	-5.402	-4.560	-3.678	-3.204	-3.273	-3.680	-4.034	-3.996
11	0.10	-3.479	-2.707	-2.104	-2.070	-2.769	-4.034	-5.429	-6.452	-6.754	-6.287
21	0.20	-5.295	-4.178	-3.295	-2.821	-2.711	-2.779	-2.844	-2.833	-2.813	-2.911
31	0.30	-3.209	-3.658	-4.085	-4.287	-4.151	-3.737	-3.261	-2.975	-3.015	-3.298
41	0.40	-3.527	-3.329	-2.451	-0.924	0.894	2.434	3.134	2.673	1.106	-1.157
51	0.50	-3.519	-5.424	-6.557	-6.908	-6.704	-6.252	-5.768	-5.302	-4.754	-3.989
61	0.60	-2.969	-1.811	-0.767	-0.107	0.019	-0.335	-0.914	-1.368	-1.402	-0.913
71	0.70	-0.034	0.912	1.540	1.561	0.884	-0.349	-1.821	-3.155	-4.032	-4.291
81	0.80	-3.954	-3.209	-2.341	-1.643	-1.346	-1.555	-2.233	-3.211	-4.234	-5.028
91	0.90	-5.367	-5.127	-4.311	-3.034	-1.478	0.159	1.704	3.029	4.034	4.639
101	1.00	4.778	4.418	3.598	2.470	1.293	0.385	0.025	0.337	1.219	2.343
111	1.10	3.253	3.519	2.906	1.470	-0.436	-2.286	-3.551	-3.884	-3.224	-1.801
121	1.20	-0.036	1.611	2.787	3.333	3.286	2.825	2.176	1.533	1.017	0.671
131	1.30	0.486	0.434	0.485	0.619	0.818	1.060	1.317	1.546	1.691	1.682
141	1.40	1.441	0.907	0.063	-1.026	-2.197	-3.211	-3.806	-3.792	-3.133	-1.989
151	1.50	-0.688	0.368	0.844	0.593	-0.280	-1.441	-2.446	-2.886	-2.526	-1.382
161	1.60	0.299	2.118	3.660	4.598	4.776	4.221	3.112	1.724	0.357	-0.717
171	1.70	-1.304	-1.314	-0.771	0.192	1.372	2.540	3.503	4.142	4.427	4.405
181	1.80	4.153	3.746	3.233	2.643	2.014	1.416	0.954	0.738	0.825	1.169
191	1.90	1.612	1.913	1.836	1.248	0.193	-1.102	-2.284	-2.989	-2.964	-2.155
201	2.00	-0.718	1.031	2.724	4.051	4.834	5.055	4.817	4.280	3.594	2.849
211	2.10	2.068	1.233	0.328	-0.620	-1.527	-2.255	-2.658	-2.631	-2.159	-1.346
221	2.20	-0.399	0.416	0.853	0.755	0.118	-0.909	-2.056	-3.009	-3.494	-3.351
231	2.30	-2.567	-1.257	0.375	2.096	3.692	4.992	5.867	6.224	5.998	5.163
241	2.40	3.748	1.868	-0.267	-2.367	-4.104	-5.174	-5.363	-4.611	-3.029	-0.898
251	2.50	1.383	3.379	4.713	5.160	4.704	3.550	2.066	0.677	-0.268	-0.608
261	2.60	-0.417	0.027	0.360	0.282	-0.320	-1.310	-2.359	-3.072	-3.156	-2.544
271	2.70	-1.435	-0.213	0.696	0.998	0.639	-0.188	-1.135	-1.848	-2.120	-1.959
281	2.80	-1.564	-1.217	-1.139	-1.373	-1.760	-1.995	-1.765	-0.891	0.573	2.329
291	2.90	3.919	4.875	4.884	3.898	2.173	0.195	-1.469	-2.353	-2.246	-1.267
301	3.00	0.165	1.468	2.093	1.719	0.374	-1.551	-3.434	-4.623	-4.668	-3.487
311	3.10	-1.400	0.977	2.940	3.942	3.775	2.629	1.013	-0.436	-1.173	-0.911
321	3.20	0.302	2.130	4.075	5.634	6.417	6.221	5.030	2.992	0.369	-2.490
331	3.30	-5.195	-7.351	-8.627	-8.832	-7.980	-6.311	-4.239	-2.247	-0.739	0.073
341	3.40	0.215	-0.084	-0.515	-0.813	-0.852	-0.667	-0.387	-0.146	0.006	0.113
351	3.50	0.273	0.549	0.898	1.169	1.171	0.785	0.065	-0.747	-1.297	-1.279
361	3.60	-0.596	0.555	1.727	2.389	2.151	0.950	-0.893	-2.770	-4.012	-4.146
371	3.70	-3.073	-1.108	1.152	3.054	4.120	4.193	3.466	2.265	1.070	0.157
381	3.80	-0.380	-0.627	-0.754	-0.902	-1.107	-1.289	-1.300	-1.011	-0.383	0.493
391	3.90	1.405	2.074	2.222	1.657	0.341	-1.567	-3.710	-5.589	-6.669	-6.537
401	4.00	-5.045	-2.403	0.830	3.880	5.984	6.631	5.737	3.668	1.106	-1.199
411	4.10	-2.700	-3.231	-3.019	-2.535	-2.250	-2.397	-2.866	-3.253	-3.055	-1.921
421	4.20	0.163	2.829	5.442	7.322	7.983	7.282	5.438	2.922	0.279	-2.039
431	4.30	-3.760	-4.796	-5.177	-4.977	-4.266	-3.131	-1.708	-0.224	1.016	1.701
441	4.40	1.616	0.737	-0.733	-2.409	-3.842	-4.664	-4.699	-4.011	-2.852	-1.559
451	4.50	-0.426	0.384	0.864	1.122	1.300	1.492	1.701	1.848	1.827	1.568
461	4.60	1.090	0.504	-0.030	-0.366	-0.441	-0.306	-0.109	-0.043	-0.260	-0.808
471	4.70	-1.591	-2.395	-2.943	-2.984	-2.374	-1.123	0.598	2.493	4.205	5.398
481	4.80	5.817	5.346	4.029	2.071	-0.188	-2.329	-3.928	-4.649	-4.333	-3.060
491	4.90	-1.160	0.851	2.393	2.986	2.400	0.745	-1.544	-3.827	-5.453	-5.970

Table 7-80-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1272 713-GR-1-5 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -52.879 (GAL) T= 13.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-5.270	-3.617	-1.549	0.324	1.542	1.953	1.750	1.355	1.218	1.598
511	5.10	2.430	3.337	3.794	3.371	1.960	-0.123	-2.215	-3.541	-3.518	-2.002
521	5.20	0.618	3.549	5.863	6.846	6.244	4.342	1.836	-0.450	-1.866	-2.149
531	5.30	-1.469	-0.300	0.805	1.426	1.401	0.813	-0.118	-1.176	-2.230	-3.230
541	5.40	-4.129	-4.797	-4.987	-4.401	-2.832	-0.317	2.779	5.811	8.029	8.827
551	5.50	7.960	5.646	2.498	-0.680	-3.152	-4.477	-4.603	-3.815	-2.573	-1.315
561	5.60	-0.308	0.396	0.899	1.339	1.775	2.136	2.246	1.918	1.057	-0.272
571	5.70	-1.847	-3.352	-4.485	-5.047	-4.987	-4.387	-3.403	-2.199	-0.897	0.423
581	5.80	1.698	2.842	3.736	4.251	4.300	3.903	3.201	2.433	1.846	1.594
591	5.90	1.662	1.859	1.902	1.542	0.697	-0.482	-1.649	-2.391	-2.398	-1.607
601	6.00	-0.242	1.256	2.399	2.828	2.438	1.398	0.053	-1.224	-2.171	-2.707
611	6.10	-2.903	-2.895	-2.784	-2.589	-2.264	-1.774	-1.168	-0.603	-0.298	-0.431
621	6.20	-1.038	-1.964	-2.904	-3.517	-3.561	-2.990	-1.953	-0.718	0.460	1.438
631	6.30	2.223	2.917	3.617	4.316	4.876	5.084	4.763	3.888	2.638	1.351
641	6.40	0.410	0.087	0.441	1.294	2.308	3.111	3.433	3.186	2.469	1.500
651	6.50	0.534	-0.224	-0.656	-0.735	-0.495	-0.012	0.623	1.310	1.944	2.436
661	6.60	2.723	2.788	2.652	2.351	1.909	1.313	0.524	-0.482	-1.661	-2.867
671	6.70	-3.866	-4.400	-4.290	-3.525	-2.301	-0.965	0.097	0.611	0.513	-0.026
681	6.80	-0.680	-1.114	-1.132	-0.763	-0.246	0.074	-0.098	-0.874	-2.124	-3.511
691	6.90	-4.605	-5.026	-4.557	-3.198	-1.156	1.234	3.592	5.573	6.920	7.493
701	7.00	7.268	6.336	4.880	3.148	1.414	-0.079	-1.157	-1.749	-1.887	-1.689
711	7.10	-1.315	-0.941	-0.729	-0.816	-1.302	-2.229	-3.552	-5.112	-6.630	-7.741
721	7.20	-8.077	-7.364	-5.526	-2.722	0.674	4.166	7.260	9.577	10.911	11.219
731	7.30	10.574	9.099	6.940	4.267	1.316	-1.588	-4.054	-5.703	-6.282	-5.766
741	7.40	-4.395	-2.609	-0.915	0.283	0.803	0.719	0.280	-0.224	-0.601	-0.831
751	7.50	-1.038	-1.391	-1.984	-2.754	-3.490	-3.925	-3.864	-3.279	-2.337	-1.330
761	7.60	-0.553	-0.182	-0.209	-0.468	-0.723	-0.787	-0.608	-0.288	-0.027	-0.028
771	7.70	-0.414	-1.170	-2.166	-3.199	-4.071	-4.631	-4.803	-4.572	-3.961	-3.018
781	7.80	-1.816	-0.461	0.901	2.094	2.950	3.347	3.255	2.750	2.004	1.238
791	7.90	0.675	0.480	0.724	1.377	2.313	3.336	4.221	4.755	4.784	4.246
801	8.00	3.196	1.803	0.307	-1.031	-2.012	-2.551	-2.707	-2.668	-2.674	-2.939
811	8.10	-3.555	-4.451	-5.401	-6.100	-6.262	-5.733	-4.547	-2.924	-1.201	0.287
821	8.20	1.314	1.830	1.952	1.896	1.864	1.961	2.155	2.319	2.316	2.095
831	8.30	1.732	1.407	1.305	1.499	1.878	2.164	2.021	1.225	-0.193	-1.896
841	8.40	-3.320	-3.874	-3.167	-1.183	1.680	4.722	7.171	8.431	8.259	6.808
851	8.50	4.529	1.988	-0.319	-2.093	-3.260	-3.910	-4.203	-4.280	-4.233	-4.097
861	8.60	-3.893	-3.646	-3.390	-3.157	-2.957	-2.771	-2.566	-2.316	-2.016	-1.685
871	8.70	-1.344	-1.004	-0.660	-0.305	0.042	0.324	0.464	0.415	0.214	0.015
881	8.80	0.056	0.572	1.672	3.241	4.924	6.217	6.627	5.864	3.959	1.275
891	8.90	-1.618	-4.126	-5.825	-6.562	-6.450	-5.762	-4.800	-3.779	-2.808	-1.928
901	9.00	-1.181	-0.658	-0.479	-0.709	-1.282	-1.950	-2.345	-2.103	-1.030	0.778
911	9.10	2.932	4.861	6.013	6.060	5.016	3.231	1.251	-0.382	-1.314	-1.477
921	9.20	-1.061	-0.400	0.183	0.496	0.518	0.364	0.192	0.122	0.196	0.387
931	9.30	0.656	1.006	1.506	2.258	3.337	4.719	6.242	7.620	8.520	8.658
941	9.40	7.896	6.289	4.083	1.643	-0.639	-2.438	-3.557	-3.944	-3.671	-2.887
951	9.50	-1.774	-0.507	0.752	1.862	2.693	3.140	3.136	2.673	1.819	0.714
961	9.60	-0.451	-1.480	-2.216	-2.582	-2.595	-2.354	-2.007	-1.701	-1.547	-1.586
971	9.70	-1.788	-2.067	-2.310	-2.412	-2.306	-1.977	-1.467	-0.858	-0.247	0.286
981	9.80	0.699	1.007	1.270	1.576	2.006	2.601	3.335	4.114	4.785	5.172
991	9.90	5.113	4.505	3.340	1.720	-0.145	-1.964	-3.416	-4.218	-4.196	-3.334

Table 7-80-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1272 713-GR-1-S U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -52.879 (GAL) T= 13.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-1.790	0.138	2.089	3.740	4.889	5.501	5.679	5.588	5.346	4.949
1011	10.10	4.262	3.081	1.262	-1.148	-3.846	-6.305	-7.916	-8.184	-6.919	-4.339
1021	10.20	-1.033	2.195	4.558	5.518	4.929	3.054	0.467	-2.135	-4.125	-5.107
1031	10.30	-4.983	-3.942	-2.375	-0.754	0.500	1.114	1.027	0.393	-0.474	-1.201
1041	10.40	-1.479	-1.167	-0.348	0.700	1.596	2.007	1.771	0.976	-0.064	-0.909
1051	10.50	-1.146	-0.529	0.940	3.008	5.239	7.124	8.187	8.070	6.584	3.747
1061	10.60	-0.199	-4.784	-9.343	-13.104	-15.340	-15.548	-13.617	-9.895	-5.135	-0.304
1071	10.70	3.696	6.283	7.360	7.298	6.762	6.436	6.757	7.743	9.001	9.883
1081	10.80	9.740	8.174	5.194	1.217	-3.058	-6.877	-9.653	-11.119	-11.355	-10.698
1091	10.90	-9.576	-8.330	-7.106	-5.837	-4.340	-2.455	-0.187	2.238	4.425	5.949
1101	11.00	6.536	6.190	5.216	4.105	3.330	3.142	3.443	3.318	3.706	2.643
1111	11.10	0.479	-2.536	-5.829	-8.712	-10.639	-11.387	-11.102	-10.190	-9.121	-8.228
1121	11.20	-7.611	-7.149	-6.630	-5.891	-4.915	-3.828	-2.798	-1.911	-1.087	-0.087
1131	11.30	1.376	3.480	6.153	9.024	11.491	12.886	12.679	10.648	6.954	2.106
1141	11.40	-3.173	-8.121	-12.116	-14.791	-16.068	-16.119	-15.255	-13.807	-12.013	-9.966
1151	11.50	-7.625	-4.886	-1.696	1.863	5.523	8.864	11.414	12.775	12.741	11.350
1161	11.60	8.862	5.668	2.171	-1.301	-4.539	-7.417	-9.828	-11.614	-12.543	-12.352
1171	11.70	-10.844	-7.997	-4.051	0.487	4.925	8.542	10.772	11.368	10.471	8.579
1181	11.80	6.407	4.682	3.937	4.368	5.797	7.748	9.610	10.821	11.015	10.082
1191	11.90	8.149	5.492	2.440	-0.694	-3.631	-6.119	-7.920	-8.829	-8.724	-7.626
1201	12.00	-5.732	-3.381	-0.962	1.212	2.992	4.418	5.637	6.784	7.858	8.689
1211	12.10	8.999	8.541	7.250	5.316	3.145	1.221	-0.070	-0.571	-0.380	0.229
1221	12.20	0.931	1.465	1.658	1.394	0.555	-0.984	-3.268	-6.112	-8.978	-10.969
1231	12.30	-11.031	-8.304	-2.518	5.744	15.057	23.492	29.158	30.787	28.116	21.930
1241	12.40	13.757	5.333	-1.938	-7.335	-10.868	-13.052	-14.536	-15.763	-16.801	-17.383
1251	12.50	-17.109	-15.675	-13.036	-9.418	-5.212	-0.813	3.495	7.571	11.345	14.703
1261	12.60	17.406	19.085	19.337	17.877	14.682	10.054	4.585	-0.988	-5.973	-9.890
1271	12.70	-12.569	-14.138	-14.920	-15.293	-15.552	-15.842	-16.160	-16.423	-16.541	-16.474
1281	12.80	-16.217	-15.744	-14.932	-13.533	-11.203	-7.626	-2.668	3.500	10.364	17.159
1291	12.90	23.062	27.414	29.897	30.583	29.848	28.184	25.991	23.430	20.391	16.571
1301	13.00	11.625	5.312	-2.407	-11.329	-21.022	-30.849	-39.979	-47.419	-52.070	-52.879
1311	13.10	-49.063	-40.378	-27.333	-11.251	5.888	21.819	34.479	42.475	45.376	43.750
1321	13.20	38.916	32.528	26.108	20.689	16.651	13.773	11.450	8.966	5.745	1.493
1331	13.30	-3.762	-9.734	-15.974	-21.975	-27.253	-31.398	-34.100	-35.166	-34.523	-32.235
1341	13.40	-28.479	-23.538	-17.763	-11.538	-5.237	0.813	6.365	11.277	15.518	19.159
1351	13.50	22.335	25.183	27.769	30.025	31.715	32.451	31.770	29.251	26.647	17.991
1361	13.60	9.655	0.317	-9.137	-17.771	-24.780	-29.637	-32.187	-32.655	-31.564	-29.591
1371	13.70	-27.382	-25.381	-23.722	-22.202	-20.374	-17.708	-13.805	-8.577	-2.342	4.206
1381	13.80	10.164	14.670	17.161	17.554	16.281	14.162	12.143	11.003	11.102	12.283
1391	13.90	13.943	15.244	15.403	13.947	10.857	6.562	1.803	-2.579	-5.862	-7.593
1401	14.00	-7.644	-6.195	-3.648	-0.528	2.606	5.242	6.971	7.545	6.915	5.241
1411	14.10	2.870	0.260	-2.122	-3.904	-4.878	-5.009	-4.379	-3.112	-1.298	1.024
1421	14.20	3.819	6.964	10.163	12.925	14.630	14.703	12.817	9.063	4.017	-1.360
1431	14.30	-5.950	-8.789	-9.341	-7.669	-4.416	-0.618	2.597	4.321	4.107	2.050
1441	14.40	-1.301	-5.153	-8.735	-11.524	-13.367	-14.452	-15.170	-15.901	-16.819	-17.770
1451	14.50	-18.281	-17.701	-15.413	-11.080	-4.818	2.744	10.559	17.381	22.058	23.809
1461	14.60	22.418	18.277	12.281	5.594	-0.633	-5.520	-8.624	-9.973	-9.975	-9.250
1471	14.70	-8.421	-7.947	-8.029	-8.592	-9.353	-9.919	-9.898	-8.995	-7.066	-4.138
1481	14.80	-0.406	3.804	8.077	11.975	15.110	17.211	18.180	18.109	17.245	15.912
1491	14.90	14.398	12.856	11.244	9.348	6.878	3.615	-0.439	-4.984	-9.434	-13.055

Table 7-80-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1272 713-GR-1-S U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -52.879 (GAL) T= 13.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-15.160	-15.325	-13.530	-10.181	-6.003	-1.838	1.585	3.830	4.828	4.840
1511	15.10	4.328	3.789	3.615	4.005	4.950	6.264	7.641	8.719	9.135	8.588
1521	15.20	6.901	4.075	0.337	-3.875	-7.968	-11.317	-13.404	-13.941	-12.917	-10.580
1531	15.30	-7.337	-3.638	0.122	3.645	6.722	9.183	10.870	11.646	11.439	10.309
1541	15.40	8.475	6.275	4.073	2.124	0.476	-1.041	-2.732	-4.869	-7.529	-10.494
1551	15.50	-13.278	-15.273	-15.968	-15.146	-12.987	-10.024	-6.985	-4.561	-3.201	-2.990
1561	15.60	-3.649	-4.640	-5.328	-5.150	-3.738	-0.999	2.872	7.419	11.988	15.824
1571	15.70	18.209	18.605	16.798	12.981	7.751	1.995	-3.318	-7.368	-9.681	-10.218
1581	15.80	-9.338	-7.630	-5.708	-4.016	-2.726	-1.748	-0.830	0.290	1.761	3.562
1591	15.90	5.526	7.415	9.018	10.219	11.001	11.419	11.524	11.321	10.741	9.682
1601	16.00	8.659	5.874	3.251	0.429	-2.287	-4.605	-6.320	-7.361	-7.798	-7.795
1611	16.10	-7.554	-7.247	-6.975	-6.754	-6.548	-6.297	-5.964	-5.541	-5.049	-4.508
1621	16.20	-3.918	-3.254	-2.477	-1.576	-0.595	0.359	1.139	1.610	1.712	1.496
1631	16.30	1.118	0.788	0.686	0.891	1.343	1.864	2.236	2.282	1.949	1.317
1641	16.40	0.569	-0.092	-0.520	-0.682	-0.648	-0.555	-0.541	-0.693	-1.034	-1.533
1651	16.50	-2.140	-2.805	-3.474	-4.072	-4.475	-4.515	-4.014	-2.845	-0.995	1.409
1661	16.60	4.122	6.847	9.320	11.363	12.889	13.844	14.136	13.536	11.948	9.011
1671	16.70	4.742	-0.583	-6.342	-11.651	-15.566	-17.344	-16.669	-13.762	-9.324	-4.345
1681	16.80	0.178	3.497	5.284	5.646	5.021	3.991	3.085	2.638	2.741	3.265
1691	16.90	3.943	4.471	4.582	4.100	2.961	1.206	-1.022	-3.506	-5.982	-8.185
1701	17.00	-9.894	-10.982	-11.436	-11.358	-10.916	-10.292	-9.612	-8.917	-8.157	-7.233
1711	17.10	-6.051	-4.578	-2.872	-1.071	0.646	2.111	3.214	3.915	4.228	4.193
1721	17.20	3.837	3.162	2.165	0.863	-0.666	-2.278	-3.775	-4.966	-5.714	-5.984
1731	17.30	-5.839	-5.400	-4.776	-4.009	-3.048	-1.774	-0.074	2.088	4.614	7.284
1741	17.40	9.814	11.956	13.585	14.728	15.525	16.141	16.646	16.946	16.784	15.828
1751	17.50	13.808	10.654	6.569	2.013	-2.407	-6.096	-8.622	-9.808	-9.736	-8.679
1761	17.60	-6.996	-5.033	-3.065	-1.279	0.202	1.303	1.986	2.265	2.219	1.991
1771	17.70	1.756	1.659	1.751	1.956	2.080	1.883	1.165	-0.146	-1.951	-4.005
1781	17.80	-5.990	-7.615	-8.700	-9.212	-9.249	-8.986	-8.594	-8.187	-7.790	-7.350
1791	17.90	-6.770	-5.953	-4.842	-3.441	-1.820	-0.100	1.582	3.107	4.412	5.515
1801	18.00	6.510	7.538	8.730	10.147	11.728	13.289	14.556	15.240	15.121	14.118
1811	18.10	12.313	9.930	7.286	4.713	2.493	0.817	-0.246	-0.756	-0.889	-0.916
1821	18.20	-1.141	-1.827	-3.110	-4.925	-7.001	-8.909	-10.195	-10.528	-9.820	-8.262
1831	18.30	-6.258	-4.282	-2.714	-1.729	-1.297	-1.262	-1.484	-1.942	-2.752	-4.088
1841	18.40	-6.035	-8.476	-11.062	-13.300	-14.740	-15.157	-14.653	-13.609	-12.520	-11.764
1851	18.50	-11.424	-11.239	-10.703	-9.274	-6.601	-2.664	2.211	7.462	12.469	16.714
1861	18.60	19.880	21.855	22.694	22.558	21.677	20.332	18.864	17.524	16.592	16.079
1871	18.70	15.767	15.209	13.845	11.200	7.069	1.646	-4.489	-10.505	-15.540	-18.912
1881	18.80	-20.274	-19.644	-17.340	-13.858	-9.745	-5.512	-1.566	1.712	4.180	5.757
1891	18.90	6.545	6.797	6.859	7.067	7.623	8.506	9.449	10.014	9.730	8.263
1901	19.00	5.544	1.805	-2.462	-6.641	-10.139	-12.523	-13.588	-13.372	-12.101	-10.116
1911	19.10	-7.789	-5.451	-3.351	-1.632	-0.338	0.557	1.109	1.357	1.294	0.867
1921	19.20	0.007	-1.319	-3.053	-5.021	-6.952	-8.540	-9.533	-9.807	-9.402	-8.501
1931	19.30	-7.362	-6.223	-5.231	-4.410	-3.672	-2.875	-1.879	-0.591	1.016	2.912
1941	19.40	5.021	7.232	9.389	11.280	12.641	13.188	12.683	11.013	8.259	4.717
1951	19.50	0.863	-2.744	-5.582	-7.288	-7.724	-6.995	-5.400	-3.350	-1.276	0.450
1961	19.60	1.571	1.973	1.695	0.918	-0.053	-0.848	-1.097	-0.517	1.010	3.390
1971	19.70	6.331	9.403	12.147	14.185	15.296	15.439	14.703	13.235	11.150	8.496
1981	19.80	5.267	1.469	-2.797	-7.275	-11.551	-15.125	-17.524	-18.436	-17.797	-15.821
1991	19.90	-12.940	-9.696	-6.598	-4.009	-2.084	-0.778	0.097	0.775	1.450	2.218

Table 7-80-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1272 713-GR-1-5 U-D (U-D) YOSHIDAGAWA EHB. MAX. ACC. = -52.879 (GAL) T= 13.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	3.061	3.879	4.542	4.939	5.019	4.795	4.323	3.668	2.881	1.987
2011	20.10	1.007	-0.020	-1.004	-1.869	-2.281	-2.306	-1.876	-1.125	-0.318	0.212
2021	20.20	0.177	-0.563	-1.922	-3.591	-5.108	-5.993	-5.894	-4.692	-2.536	0.204
2031	20.30	3.053	5.569	7.461	8.643	9.221	9.425	9.508	9.658	9.949	10.329
2041	20.40	10.658	10.754	10.450	9.626	8.228	6.271	3.828	1.032	-1.936	-4.854
2051	20.50	-7.483	-9.593	-11.011	-11.652	-11.545	-10.821	-9.686	-8.364	-7.047	-5.859
2061	20.60	-4.848	-4.008	-3.319	-2.776	-2.409	-2.265	-2.377	-2.729	-3.238	-3.767
2071	20.70	-4.171	-4.345	-4.270	-4.020	-3.727	-3.520	-3.460	-3.501	-3.500	-3.279
2081	20.80	-2.710	-1.796	-0.704	0.266	0.778	0.589	-0.333	-1.755	-3.208	-4.110
2091	20.90	-3.942	-2.419	0.388	4.047	7.865	11.070	13.026	13.394	12.204	9.810
2101	21.00	6.743	3.535	0.561	-2.029	-4.284	-6.348	-8.323	-10.168	-11.682	-12.559
2111	21.10	-12.506	-11.365	-7.190	-6.248	-2.954	0.243	2.963	4.961	6.137	6.512
2121	21.20	6.173	5.242	3.855	2.165	0.352	-1.389	-2.864	-3.924	-4.496	-4.594
2131	21.30	-4.312	-3.787	-3.168	-2.581	-2.117	-1.828	-1.726	-1.776	-1.887	-1.899
2141	21.40	-1.605	-0.783	0.736	3.007	5.925	9.228	12.553	15.516	17.813	19.283
2151	21.50	19.927	19.872	19.306	18.399	17.250	15.877	14.234	12.258	9.914	7.227
2161	21.60	4.292	1.253	-1.718	-4.465	-6.868	-8.861	-10.435	-11.623	-12.470	-13.011
2171	21.70	-13.243	-13.123	-12.582	-11.568	-10.081	-8.212	-6.142	-4.111	-2.359	-1.057
2181	21.80	-0.257	0.126	0.282	0.449	0.845	1.609	2.770	4.251	5.884	7.443
2191	21.90	8.671	9.314	9.159	8.089	6.130	3.486	0.537	-2.227	-4.314	-5.370
2201	22.00	-5.286	-4.245	-2.669	-1.094	-0.003	0.320	-0.143	-1.167	-2.392	-3.463
2211	22.10	-4.140	-4.344	-4.129	-3.599	-2.828	-1.813	-0.498	1.168	3.142	5.250
2221	22.20	7.196	8.636	9.287	9.021	7.914	6.220	4.298	2.507	1.115	0.249
2231	22.30	-0.107	-0.073	0.185	0.513	0.795	0.966	1.002	0.903	0.675	0.325
2241	22.40	-0.134	-0.681	-1.269	-1.827	-2.270	-2.521	-2.541	-2.363	-2.101	-1.931
2251	22.50	-2.037	-2.544	-3.448	-4.589	-5.674	-6.362	-6.385	-5.650	-4.294	-2.661
2261	22.60	-1.197	-0.313	-0.254	-1.031	-2.432	-4.104	-5.669	-6.821	-7.389	-7.335
2271	22.70	-6.725	-5.688	-4.381	-2.988	-1.708	-0.740	-0.244	-0.281	-0.772	-1.497
2281	22.80	-2.145	-2.419	-2.138	-1.313	-0.139	1.076	2.037	2.573	2.698	2.578
2291	22.90	2.450	2.497	2.765	3.149	3.448	3.467	3.123	2.496	1.814	1.369
2301	23.00	1.416	2.075	3.285	4.824	6.370	7.591	8.222	8.122	7.290	5.847
2311	23.10	3.997	1.980	0.028	-1.674	-2.995	-3.859	-4.227	-4.079	-3.410	-2.241
2321	23.20	-0.666	1.218	3.097	4.667	5.594	5.627	4.678	2.870	0.509	-1.994
2331	23.30	-4.250	-6.008	-7.213	-7.999	-8.598	-9.222	-9.960	-10.729	-11.306	-11.428
2341	23.40	-10.913	-9.754	-8.151	-6.458	-5.077	-4.320	-4.306	-4.918	-5.838	-6.647
2351	23.50	-6.956	-6.516	-5.291	-3.456	-1.336	0.695	2.318	3.342	3.735	3.598
2361	23.60	3.110	2.457	1.775	1.131	0.525	-0.071	-0.685	-1.320	-1.966	-2.523
2371	23.70	-3.011	-3.391	-3.657	-3.805	-3.815	-3.642	-3.230	-2.528	-1.526	-0.272
2381	23.80	1.130	2.542	3.842	4.957	5.897	6.748	7.642	8.708	10.017	11.550
2391	23.90	13.188	14.736	15.967	16.678	16.740	16.123	14.898	13.218	11.278	9.271
2401	24.00	7.361	5.659	4.226	3.084	2.228	1.641	1.290	1.126	1.077	1.049
2411	24.10	0.940	0.666	0.187	-0.473	-1.217	-1.896	-2.343	-2.421	-2.065	-1.298
2421	24.20	-0.254	0.863	1.813	2.370	2.367	1.735	0.507	-1.183	-3.140	-5.143
2431	24.30	-7.001	-8.588	-9.861	-10.861	-11.675	-12.397	-13.075	-13.682	-14.107	-14.179
2441	24.40	-13.716	-12.589	-10.776	-8.396	-5.702	-3.037	-0.763	0.832	1.602	1.589
2451	24.50	1.012	0.212	-0.436	-0.622	-0.179	0.883	2.399	4.112	5.756	7.139
2461	24.60	8.183	8.923	9.470	9.954	10.462	11.009	11.535	11.931	12.071	11.860
2471	24.70	11.253	10.268	8.985	7.523	6.022	4.602	3.334	2.218	1.174	0.068
2481	24.80	-1.237	-2.823	-4.640	-6.588	-8.350	-9.665	-10.327	-10.284	-9.667	-8.745
2491	24.90	-7.834	-7.174	-6.835	-6.699	-6.503	-5.953	-4.843	-3.146	-1.035	1.183

Table 7-80-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1272 713-GR-1-5 U-D (U-D) YOSHIDAGAWA EHB. MAX. ACC. = -52.879 (GAL) T= 13.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	3.166	4.652	5.545	5.922	5.988	5.985	6.097	6.382	6.754	7.013
2511	25.10	6.923	6.287	5.026	3.218	1.087	-1.039	-2.814	-3.963	-4.361	-4.061
2521	25.20	-3.279	-2.316	-1.460	-0.883	-0.593	-0.437	-0.173	0.423	1.457	2.867
2531	25.30	4.428	5.833	6.789	7.115	6.784	5.908	4.684	3.311	1.936	0.628
2541	25.40	-0.606	-1.786	-2.925	-4.021	-5.060	-6.034	-6.950	-7.814	-8.605	-9.255
2551	25.50	-9.639	-9.604	-9.027	-7.869	-6.208	-4.236	-2.203	-0.347	1.171	2.295
2561	25.60	3.056	3.523	3.750	3.750	3.509	3.027	2.371	1.685	1.165	0.979
2571	25.70	1.185	1.672	2.170	2.320	1.797	0.426	-1.744	-4.448	-7.273	-9.781
2581	25.80	-11.618	-12.585	-12.655	-11.928	-10.580	-8.804	-6.781	-4.676	-2.634	-0.778
2591	25.90	0.811	2.119	3.209	4.203	5.235	6.383	7.621	8.798	9.686	10.058
2601	26.00	9.781	8.879	7.533	6.023	4.623	3.500	2.651	1.913	1.041	-0.187
2611	26.10	-1.862	-3.896	-6.035	-7.935	-9.274	-9.843	-9.602	-8.673	-7.277	-5.654
2621	26.20	-3.985	-2.350	-0.735	0.930	2.712	4.622	6.587	8.460	10.053	11.180
2631	26.30	11.700	11.549	10.742	9.369	7.577	5.546	3.468	1.520	-0.163	-1.511
2641	26.40	-2.539	-3.337	-4.049	-4.820	-5.742	-6.810	-7.915	-8.869	-9.478	-9.612
2651	26.50	-9.262	-8.550	-7.686	-6.888	-6.295	-5.910	-5.606	-5.173	-4.415	-3.230
2661	26.60	-1.659	0.119	1.850	3.286	4.258	4.715	4.716	4.388	3.874	3.288
2671	26.70	2.694	2.116	1.556	1.011	0.490	0.007	-0.416	-0.755	-0.983	-1.065
2681	26.80	-0.961	-0.630	-0.047	0.778	1.792	2.899	3.986	4.940	5.684	6.187
2691	26.90	6.471	6.592	6.623	6.629	6.646	6.664	6.626	6.433	5.967	5.129
2701	27.00	3.875	2.255	0.420	-1.396	-2.937	-3.995	-4.480	-4.451	-4.096	-3.658
2711	27.10	-3.341	-3.231	-3.259	-3.235	-2.931	-2.187	-0.989	0.505	2.011	3.210
2721	27.20	3.852	3.834	3.213	2.172	0.944	-0.254	-1.275	-2.041	-2.526	-2.716
2731	27.30	-2.602	-2.180	-1.486	-0.627	0.216	0.813	0.948	0.492	-0.533	-1.938
2741	27.40	-3.401	-4.547	-5.049	-4.713	-3.535	-1.688	0.520	2.735	4.635	5.995
2751	27.50	6.711	6.790	6.317	5.417	4.225	2.874	1.497	0.226	-0.815	-1.534
2761	27.60	-1.901	-1.977	-1.916	-1.934	-2.249	-3.003	-4.202	-5.690	-7.182	-8.346
2771	27.70	-8.903	-8.722	-7.866	-6.577	-5.207	-4.109	-3.541	-3.594	-4.184	-5.088
2781	27.80	-6.026	-6.741	-7.069	-6.971	-6.522	-5.872	-5.182	-4.567	-4.057	-3.587
2791	27.90	-3.021	-2.205	-1.025	0.546	2.422	4.434	6.374	8.064	9.410	10.419
2801	28.00	11.176	11.785	12.316	12.759	13.033	13.033	12.691	12.026	11.160	10.276
2811	28.10	9.546	9.057	8.770	8.526	8.113	7.339	6.115	4.479	2.589	0.666
2821	28.20	-1.069	-2.441	-3.349	-3.765	-3.715	-3.265	-2.519	-1.605	-0.670	0.148
2831	28.30	0.748	1.093	1.217	1.210	1.173	1.182	1.257	1.372	1.471	1.508
2841	28.40	1.461	1.321	1.070	0.656	-0.005	-0.996	-2.329	-3.907	-5.501	-6.801
2851	28.50	-7.515	-7.475	-6.717	-5.470	-4.086	-2.910	-2.157	-1.854	-1.859	-1.949
2861	28.60	-1.935	-1.746	-1.445	-1.174	-1.064	-1.156	-1.367	-1.528	-1.464	-1.078
2871	28.70	-0.401	0.413	1.151	1.617	1.697	1.381	0.746	-0.097	-1.045	-2.026
2881	28.80	-2.996	-3.909	-4.694	-5.249	-5.465	-5.261	-4.634	-3.679	-2.583	-1.587
2891	28.90	-0.918	-0.724	-1.027	-1.706	-2.529	-3.209	-3.492	-3.227	-2.413	-1.204
2901	29.00	0.146	1.351	2.177	2.504	2.339	1.801	1.064	0.303	-0.340	-0.774
2911	29.10	-0.944	-0.820	-0.388	0.329	1.259	2.259	3.134	3.674	3.714	3.194
2921	29.20	2.182	0.861	-0.529	-1.756	-2.657	-3.169	-3.315	-3.174	-2.836	-2.379
2931	29.30	-1.863	-1.338	-0.855	-0.459	-0.180	-0.009	0.108	0.254	0.516	0.938
2941	29.40	1.499	2.112	2.661	3.051	3.249	3.304	3.325	3.426	3.664	4.001
2951	29.50	4.299	4.365	4.030	3.229	2.049	0.729	-0.396	-0.999	-0.864	0.032
2961	29.60	1.494	3.160	4.603	5.454	5.516	4.807	3.543	2.054	0.664	-0.402
2971	29.70	-1.073	-1.418	-1.581	-1.701	-1.853	-2.031	-2.188	-2.285	-2.344	-2.457
2981	29.80	-2.751	-3.322	-4.182	-5.226	-6.268	-7.097	-7.560	-7.612	-7.329	-6.868
2991	29.90	-6.400	-6.049	-5.856	-5.781	-5.729	-5.598	-5.310	-4.828	-4.153	-3.320

Table 7-80-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1272 713-GR-1-5 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -52.879 (GAL) T= 13.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-2.387	-1.430	-0.540	0.194	0.706	0.980	1.062	1.062	1.114	1.334
3011	30.10	1.775	2.396	3.082	3.685	4.084	4.232	4.172	4.016	3.891	3.885
3021	30.20	4.010	4.196	4.327	4.288	4.021	3.542	2.944	2.354	1.894	1.642
3031	30.30	1.614	1.777	2.074	2.459	2.909	3.418	3.973	4.524	4.969	5.165
3041	30.40	4.972	4.314	3.233	1.902	0.599	-0.376	-0.796	-0.588	0.142	1.142
3051	30.50	2.102	2.763	2.992	2.800	2.301	1.626	0.853	-0.028	-1.086	-2.373
3061	30.60	-3.854	-5.367	-6.659	-7.472	-7.650	-7.209	-6.344	-5.345	-4.484	-3.905
3071	30.70	-3.578	-3.334	-2.962	-2.320	-1.413	-0.389	0.531	1.154	1.403	1.344
3081	30.80	1.136	0.957	0.910	0.988	1.093	1.099	0.927	0.583	0.153	-0.248
3091	30.90	-0.540	-0.715	-0.827	-0.952	-1.125	-1.302	-1.365	-1.165	-0.589	0.388
3101	31.00	1.690	3.168	4.646	5.979	7.072	7.880	8.378	8.542	8.338	7.740
3111	31.10	6.759	5.459	3.955	2.384	0.866	-0.529	-1.781	-2.894	-3.868	-4.660
3121	31.20	-5.191	-5.372	-5.152	-4.551	-3.678	-2.700	-1.796	-1.101	-0.675	-0.496
3131	31.30	-0.481	-0.520	-0.507	-0.358	-0.023	0.510	1.196	1.933	2.560	2.891
3141	31.40	2.768	2.131	1.066	-0.192	-1.316	-1.992	-2.029	-1.439	-0.435	0.640
3151	31.50	1.436	1.717	1.427	0.687	-0.281	-1.250	-2.068	-2.683	-3.117	-3.431
3161	31.60	-3.582	-3.615	-3.497	-3.266	-3.031	-2.956	-3.188	-3.772	-4.598	-5.408
3171	31.70	-5.877	-5.734	-4.875	-3.419	-1.677	-0.047	1.113	1.595	1.384	0.625
3181	31.80	-0.457	-1.646	-2.790	-3.810	-4.666	-5.307	-5.649	-5.580	-5.001	-3.876
3191	31.90	-2.268	-0.333	1.713	3.656	5.329	6.648	7.609	8.261	8.672	8.905
3201	32.00	9.000	8.978	8.846	8.602	8.236	7.733	7.074	6.246	5.260	4.166
3211	32.10	3.057	2.055	1.283	0.827	0.707	0.864	1.177	1.505	1.732	1.812
3221	32.20	1.778	1.728	1.774	1.989	2.369	2.819	3.183	3.296	3.044	2.409
3231	32.30	1.474	0.397	-0.644	-1.500	-2.091	-2.412	-2.516	-2.481	-2.390	-2.317
3241	32.40	-2.325	-2.471	-2.791	-3.291	-3.918	-4.554	-5.036	-5.199	-4.945	-4.284
3251	32.50	-3.355	-2.386	-1.618	-1.224	-1.247	-1.595	-2.084	-2.518	-2.764	-2.787
3261	32.60	-2.641	-2.425	-2.219	-2.059	-1.932	-1.811	-1.696	-1.624	-1.663	-1.864
3271	32.70	-2.218	-2.639	-2.986	-3.113	-2.932	-2.449	-1.759	-1.003	-0.307	0.258
3281	32.80	0.683	0.993	1.197	1.262	1.121	0.717	0.058	-0.746	-1.497	-1.966
3291	32.90	-1.985	-1.512	-0.656	0.368	1.321	2.032	2.448	2.631	2.698	2.747
3301	33.00	2.798	2.796	2.650	2.310	1.818	1.311	0.972	0.940	1.238	1.737
3311	33.10	2.195	2.349	2.020	1.194	0.039	-1.157	-2.084	-2.520	-2.406	-1.851
3321	33.20	-1.083	-0.364	0.095	0.184	-0.100	-0.687	-1.478	-2.385	-3.344	-4.299
3331	33.30	-5.182	-5.900	-6.343	-6.412	-6.058	-5.311	-4.278	-3.113	-1.970	-0.955
3341	33.40	-0.106	0.602	1.215	1.757	2.204	2.485	2.522	2.275	1.779	1.149
3351	33.50	0.543	0.100	-0.119	-0.162	-0.164	-0.292	-0.673	-1.335	-2.192	-3.074
3361	33.60	-3.791	-4.193	-4.218	-3.891	-3.294	-2.526	-1.666	-0.760	0.165	1.085
3371	33.70	1.961	2.744	3.390	3.882	4.242	4.520	4.769	5.016	5.245	5.396
3381	33.80	5.392	5.172	4.713	4.046	3.249	2.426	1.682	1.103	0.742	0.610
3391	33.90	0.667	0.829	0.970	0.957	0.682	0.115	-0.672	-1.509	-2.166	-2.432
3401	34.00	-2.188	-1.461	-0.422	0.666	1.540	2.029	2.108	1.898	1.616	1.486
3411	34.10	1.663	2.184	2.973	3.876	4.721	5.368	5.734	5.799	5.584	5.137
3421	34.20	4.514	3.775	2.982	2.197	1.476	0.858	0.362	-0.018	-0.305	-0.533
3431	34.30	-0.735	-0.938	-1.165	-1.426	-1.721	-2.029	-2.312	-2.511	-2.561	-2.409
3441	34.40	-2.032	-1.441	-0.679	0.196	1.131	2.088	3.047	3.983	4.850	5.560
3451	34.50	5.991	6.004	5.480	4.362	2.676	0.544	-1.833	-4.207	-6.318	-7.945
3461	34.60	-8.936	-9.245	-8.926	-8.142	-7.119	-6.099	-5.282	-4.771	-4.554	-4.516
3471	34.70	-4.480	-4.271	-3.768	-2.932	-1.800	-0.459	0.997	2.492	3.968	5.372
3481	34.80	6.634	7.654	8.323	8.549	8.295	7.603	6.582	5.369	4.088	2.802
3491	34.90	1.508	0.158	-1.298	-2.863	-4.475	-6.009	-7.317	-8.269	-8.789	-8.869

Table 7-80-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1272 713-GR-1-5 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -52.879 (GAL) T= 13.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-8.554	-7.915	-7.031	-5.978	-4.832	-3.688	-2.656	-1.849	-1.350	-1.168
3511	35.10	-1.221	-1.336	-1.295	-0.900	-0.038	1.269	2.865	4.509	5.897	6.826
3521	35.20	7.159	6.888	6.105	4.967	3.647	2.305	1.073	0.058	-0.654	-1.006
3531	35.30	-0.978	-0.611	-0.011	0.661	1.229	1.554	1.577	1.347	0.998	0.697
3541	35.40	0.580	0.694	0.979	1.298	1.492	1.460	1.197	0.803	0.442	0.275
3551	35.50	0.394	0.784	1.333	1.874	2.243	2.335	2.125	1.659	1.015	0.270
3561	35.60	-0.527	-1.358	-2.219	-3.094	-3.939	-4.684	-5.241	-5.538	-5.536	-5.242
3571	35.70	-4.710	-4.024	-3.279	-2.562	-1.938	-1.449	-1.112	-0.930	-0.894	-0.989
3581	35.80	-1.194	-1.480	-1.805	-2.120	-2.377	-2.535	-2.585	-2.552	-2.495	-2.492
3591	35.90	-2.604	-2.846	-3.169	-3.464	-3.595	-3.455	-3.008	-2.318	-1.529	-0.820
3601	36.00	-0.329	-0.096	-0.046	-0.008	0.210	0.748	1.635	2.773	3.970	5.005
3611	36.10	5.698	5.957	5.776	5.220	4.376	3.330	2.160	0.949	-0.194	-1.130
3621	36.20	-1.713	-1.839	-1.489	-0.763	0.138	0.962	1.487	1.592	1.292	0.732
3631	36.30	0.134	-0.276	-0.335	0.015	0.723	1.647	2.601	3.394	3.871	3.947
3641	36.40	3.618	2.979	2.200	1.493	1.061	1.030	1.405	2.067	2.801	3.378
3651	36.50	3.628	3.504	3.085	2.531	1.998	1.563	1.186	0.736	0.063	-0.912
3661	36.60	-2.141	-3.446	-4.580	-5.320	-5.557	-5.332	-4.809	-4.203	-3.484	-3.317
3671	36.70	-3.053	-2.768	-2.341	-1.714	-0.918	-0.063	0.719	1.322	1.697	1.860
3681	36.80	1.861	1.760	1.603	1.422	1.240	1.084	0.982	0.945	0.951	0.942
3691	36.90	0.830	0.539	0.046	-0.598	-1.267	-1.796	-2.038	-1.915	-1.452	-0.764
3701	37.00	-0.018	0.627	1.067	1.288	1.358	1.395	1.521	1.818	2.292	2.871
3711	37.10	3.425	3.801	3.874	3.591	2.984	2.170	1.313	0.566	0.032	-0.272
3721	37.20	-0.405	-0.461	-0.526	-0.634	-0.757	-0.833	-0.806	-0.669	-0.480	-0.340
3731	37.30	-0.346	-0.542	-0.891	-1.285	-1.590	-1.701	-1.580	-1.263	-0.832	-0.372
3741	37.40	0.064	0.461	0.825	1.154	1.414	1.558	1.544	1.377	1.121	0.871
3751	37.50	0.707	0.638	0.578	0.370	-0.144	-1.040	-2.254	-3.583	-4.745	-5.487
3761	37.60	-5.669	-5.312	-4.577	-3.690	-2.847	-2.159	-1.635	-1.224	-0.869	-0.553
3771	37.70	-0.300	-0.143	-0.074	-0.014	0.169	0.613	1.385	2.438	3.609	4.662
3781	37.80	5.373	5.604	5.341	4.682	3.794	2.846	1.970	1.247	0.719	0.409
3791	37.90	0.334	0.492	0.840	1.277	1.650	1.791	1.571	0.954	0.017	-1.066
3801	38.00	-2.079	-2.830	-3.202	-3.182	-2.838	-2.286	-1.666	-1.012	-0.447	0.008
3811	38.10	0.324	0.477	0.456	0.277	-0.007	-0.313	-0.539	-0.598	-0.434	-0.039
3821	38.20	0.553	1.275	2.044	2.770	3.361	3.721	3.764	3.428	2.704	1.646
3831	38.30	0.384	-0.903	-2.029	-2.848	-3.298	-3.413	-3.314	-3.164	-3.121	-3.301
3841	38.40	-3.752	-4.458	-5.351	-6.329	-7.271	-8.044	-8.515	-8.565	-8.111	-7.140
3851	38.50	-5.724	-4.025	-2.271	-0.708	0.457	1.101	1.220	0.916	0.377	-0.182
3861	38.60	-0.559	-0.620	-0.316	0.301	1.103	1.908	2.537	2.859	2.836	2.539
3871	38.70	2.135	1.834	1.820	2.185	2.892	3.786	4.651	5.287	5.583	5.555
3881	38.80	5.324	5.058	4.898	4.903	5.029	5.160	5.166	4.955	4.502	3.851
3891	38.90	3.075	2.245	1.409	0.595	-0.172	-0.844	-1.353	-1.627	-1.627	-1.372
3901	39.00	-0.945	-0.468	-0.062	0.193	0.274	0.206	0.025	-0.251	-0.633	-1.143
3911	39.10	-1.778	-2.476	-3.110	-3.512	-3.535	-3.110	-2.280	-1.198	-0.081	0.857
3921	39.20	1.456	1.647	1.444	0.916	0.156	-0.745	-1.698	-2.621	-3.427	-4.034
3931	39.30	-4.382	-4.445	-4.237	-3.797	-3.164	-2.364	-1.407	-0.306	0.882	2.034
3941	39.40	2.965	3.474	3.409	2.740	1.591	0.218	-1.064	-1.978	-2.384	-2.308
3951	39.50	-1.929	-1.496	-1.232	-1.252	-1.532	-1.927	-2.243	-2.312	-2.052	-1.487
3961	39.60	-0.729	0.073	0.788	1.343	1.736	2.023	2.282	2.580	2.944	3.349
3971	39.70	3.735	4.024	4.154	4.097	3.872	3.535	3.157	2.801	2.496	2.233
3981	39.80	1.973	1.661	1.260	0.764	0.210	-0.332	-0.781	-1.065	-1.142	-1.014
3991	39.90	-0.720	-0.327	0.091	0.472	0.781	1.010	1.177	1.306	1.412	1.486

Table 7-80-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1272 713-GR-1-5 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -52.879 (GAL) T= 13.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	1.495	1.391	1.134	0.719	0.184	-0.398	-0.942	-1.389	-1.736	-2.037
4011	40.10	-2.378	-2.829	-3.392	-3.982	-4.445	-4.609	-4.361	-3.710	-2.790	-1.829
4021	40.20	-1.060	-0.632	-0.561	-0.725	-0.931	-0.998	-0.838	-0.480	-0.046	0.322
4031	40.30	0.538	0.606	0.610	0.654	0.786	0.958	1.036	0.863	0.346	-0.479
4041	40.40	-1.433	-2.258	-2.705	-2.644	-2.106	-1.274	-0.400	0.297	0.716	0.895
4051	40.50	0.981	1.144	1.498	2.054	2.728	3.390	3.930	4.304	4.537	4.692
4061	40.60	4.818	4.914	4.926	4.778	4.416	3.845	3.135	2.385	1.677	1.035
4071	40.70	0.417	-0.255	-1.041	-1.934	-2.837	-3.591	-4.031	-4.057	-3.675	-3.005
4081	40.80	-2.231	-1.539	-1.053	-0.798	-0.712	-0.682	-0.596	-0.389	-0.055	0.357
4091	40.90	0.773	1.116	1.331	1.393	1.307	1.104	0.834	0.557	0.321	0.148
4101	41.00	0.013	-0.151	-0.436	-0.920	-1.619	-2.471	-3.337	-4.053	-4.487	-4.604
4111	41.10	-4.479	-4.268	-4.142	-4.203	-4.438	-4.720	-4.864	-4.711	-4.205	-3.416
4121	41.20	-2.508	-1.667	-1.014	-0.559	-0.208	0.185	0.740	1.493	2.383	3.285
4131	41.30	4.071	4.664	5.063	5.320	5.499	5.628	5.685	5.604	5.317	4.759
4141	41.40	4.033	3.102	2.058	0.949	-0.195	-1.316	-2.446	-3.395	-4.062	-4.331
4151	41.50	-4.153	-3.584	-2.776	-1.924	-1.188	-0.626	-0.173	0.314	0.973	1.867
4161	41.60	2.835	3.711	4.213	4.152	3.502	2.423	1.202	0.145	-0.543	-0.824
4171	41.70	-0.823	-0.752	-0.803	-1.062	-1.486	-1.935	-2.263	-2.390	-2.344	-2.235
4181	41.80	-2.187	-2.263	-2.424	-2.540	-2.460	-2.094	-1.468	-0.730	-0.090	0.265
4191	41.90	0.245	-0.116	-0.689	-1.328	-1.938	-2.520	-3.145	-3.893	-4.771	-5.667
4201	42.00	-6.365	-6.616	-6.236	-5.191	-3.626	-1.820	-0.097	1.286	2.206	2.693
4211	42.10	2.879	2.927	2.954	2.998	3.029	2.995	2.871	2.691	2.532	2.485
4221	42.20	2.598	2.853	3.163	3.406	3.476	3.320	2.955	2.457	1.918	1.405
4231	42.30	0.932	0.461	-0.081	-0.751	-1.561	-2.448	-3.288	-3.927	-4.233	-4.148
4241	42.40	-3.717	-3.091	-2.482	-2.101	-2.078	-2.419	-2.984	-3.536	-3.817	-3.642
4251	42.50	-2.972	-1.939	-0.811	0.103	0.548	0.419	-0.209	-1.098	-1.932	-2.408
4261	42.60	-2.326	-1.637	-0.449	1.021	2.514	3.798	4.727	5.270	5.508	5.601
4271	42.70	5.740	6.083	6.708	7.579	8.557	9.438	10.021	10.178	9.898	9.296
4281	42.80	8.564	7.907	7.460	7.244	7.164	7.053	6.741	6.120	5.179	3.998
4291	42.90	2.709	1.447	0.317	-0.623	-1.349	-1.847	-2.109	-2.134	-1.954	-1.648
4301	43.00	-1.342	-1.176	-1.255	-1.603	-2.135	-2.679	-3.038	-3.060	-2.708	-2.080
4311	43.10	-1.374	-0.826	-0.620	-0.832	-1.401	-2.166	-2.916	-3.464	-3.694	-3.579
4321	43.20	-3.168	-2.558	-1.861	-1.181	-0.603	-0.189	0.025	0.034	-0.126	-0.382
4331	43.30	-0.629	-0.762	-0.702	-0.420	0.051	0.636	1.238	1.773	2.150	2.669
4341	43.40	2.606	2.601	2.440	2.110	1.621	1.023	0.424	-0.036	-0.225	-0.072
4351	43.50	0.388	1.010	1.567	1.822	1.602	0.859	-0.318	-1.722	-3.103	-4.235
4361	43.60	-4.982	-5.324	-5.343	-5.177	-4.967	-4.806	-4.714	-4.643	-4.501	-4.203
4371	43.70	-3.709	-3.050	-2.336	-1.720	-1.354	-1.330	-1.638	-2.162	-2.710	-3.085
4381	43.80	-3.159	-2.935	-2.552	-2.241	-2.230	-2.652	-3.476	-4.503	-5.434	-5.971
4391	43.90	-5.927	-5.288	-4.215	-2.979	-1.866	-1.091	-0.751	-0.826	-1.226	-1.832
4401	44.00	-2.532	-3.223	-3.792	-4.111	-4.047	-3.505	-2.482	-1.101	0.398	1.717
4411	44.10	2.595	2.899	2.670	2.105	1.473	1.017	0.861	0.976	1.216	1.397
4421	44.20	1.391	1.183	0.879	0.656	0.684	1.048	1.718	2.558	3.378	4.008
4431	44.30	4.346	4.384	4.194	3.882	3.540	3.211	2.871	2.448	1.862	1.062
4441	44.40	0.070	-1.011	-2.006	-2.713	-2.957	-2.646	-1.810	-0.600	0.744	1.957
4451	44.50	2.815	3.194	3.088	2.598	1.879	1.097	0.383	-0.181	-0.556	-0.725
4461	44.60	-0.675	-0.399	0.093	0.754	1.486	2.155	2.618	2.765	2.557	2.037
4471	44.70	1.321	0.558	-0.104	-0.550	-0.715	-0.579	-0.155	0.512	1.345	2.230
4481	44.80	3.017	3.537	3.643	3.251	2.380	1.159	-0.209	-1.501	-2.544	-3.266
4491	44.90	-3.708	-3.989	-4.248	-4.575	-4.976	-5.363	-5.596	-5.533	-5.088	-4.261

Table 7-80-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1272 713-GR-1-5 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -52.879 (GAL) T= 13.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-3.140	-1.876	-0.639	0.412	1.162	1.553	1.584	1.323	0.872	0.377
4511	45.10	-0.013	-0.180	-0.070	0.281	0.752	1.173	1.380	1.280	0.898	0.377
4521	45.20	-0.057	-0.171	0.200	1.082	2.354	3.779	5.074	5.996	6.409	6.317
4531	45.30	5.846	5.189	4.537	4.025	3.697	3.511	3.375	3.187	2.875	2.416
4541	45.40	1.831	1.173	0.501	-0.134	-0.693	-1.149	-1.477	-1.655	-1.671	-1.528
4551	45.50	-1.256	-0.896	-0.512	-0.150	0.160	0.409	0.606	0.760	0.875	0.948
4561	45.60	0.982	0.996	1.032	1.137	1.341	1.632	1.942	2.164	2.193	1.972
4571	45.70	1.519	0.921	0.287	-0.318	-0.915	-1.621	-2.592	-3.933	-5.605	-7.387
4581	45.80	-8.909	-9.753	-9.596	-8.322	-6.073	-3.212	-0.211	2.477	4.532	5.813
4591	45.90	6.353	6.297	5.845	5.197	4.525	3.959	3.574	3.372	3.273	3.122
4601	46.00	2.736	1.971	0.792	-0.685	-2.220	-3.513	-4.312	-4.689	-4.066	-3.176
4611	46.10	-1.976	-0.575	0.999	2.764	4.706	6.710	8.541	9.902	10.549	10.400
4621	46.20	9.591	8.440	7.316	6.491	6.016	5.700	5.186	4.099	2.199	-0.515
4631	46.30	-3.793	-7.203	-10.246	-12.474	-13.582	-13.450	-12.161	-9.981	-7.320	-4.673
4641	46.40	-2.517	-1.207	-0.883	-1.425	-2.502	-3.683	-4.599	-5.071	-5.150	-5.057
4651	46.50	-5.034	-5.191	-5.421	-5.417	-4.819	-3.387	-1.152	1.553	4.173	6.119
4661	46.60	6.950	6.503	4.906	2.498	-0.301	-3.100	-5.593	-7.560	-8.835	-9.294
4671	46.70	-8.872	-7.614	-5.713	-3.501	-1.383	0.276	1.253	1.526	1.250	0.673
4681	46.80	0.031	-0.527	-0.943	-1.204	-1.273	-1.047	-0.374	0.876	2.721	5.010
4691	46.90	7.430	9.590	11.134	11.836	11.651	10.681	9.106	7.103	4.808	2.322
4701	47.00	-0.245	-2.727	-4.900	-6.521	-7.407	-7.508	-6.938	-5.940	-4.795	-3.720
4711	47.10	-2.789	-1.931	-0.976	0.233	1.746	3.446	5.065	6.259	6.721	6.289
4721	47.20	5.001	3.094	0.933	-1.094	-2.687	-3.708	-4.203	-4.359	-4.421	-4.596
4731	47.30	-4.980	-5.533	-6.110	-6.536	-6.687	-6.549	-6.221	-5.871	-5.645	-5.589
4741	47.40	-5.608	-5.479	-4.929	-3.732	-1.804	0.761	3.699	6.652	9.248	11.184
4751	47.50	12.274	12.456	11.777	10.367	8.416	6.151	3.817	1.645	-0.186	-1.585
4761	47.60	-2.561	-3.209	-3.663	-4.035	-4.369	-4.629	-4.729	-4.594	-4.213	-3.666
4771	47.70	-3.092	-2.627	-2.328	-2.122	-1.822	-1.192	-0.049	1.646	3.750	5.965
4781	47.80	7.925	9.298	9.877	9.607	8.569	6.923	4.851	2.526	0.116	-2.198
4791	47.90	-4.196	-5.635	-6.290	-6.026	-4.860	-2.980	-0.717	1.529	3.391	4.617
4801	48.00	5.111	4.924	4.210	3.154	1.925	0.647	-0.599	-1.758	-2.781	-3.620
4811	48.10	-4.239	-4.624	-4.798	-4.812	-4.725	-4.578	-4.370	-4.051	-3.548	-2.798
4821	48.20	-1.789	-0.593	0.630	1.664	2.289	2.351	1.809	0.770	-0.533	-1.794
4831	48.30	-2.715	-3.088	-2.843	-2.069	-0.972	0.188	1.172	1.822	2.084	1.988
4841	48.40	1.616	1.058	0.389	-0.332	-1.040	-1.644	-2.022	-2.050	-1.640	-0.797
4851	48.50	0.364	1.622	2.709	3.385	3.511	3.094	2.265	1.333	0.510	0.041
4861	48.60	0.050	0.548	1.445	2.590	3.811	4.954	5.899	6.569	6.921	6.937
4871	48.70	6.614	5.953	4.963	3.665	2.112	0.407	-1.294	-2.788	-3.860	-4.336
4881	48.80	-4.144	-3.344	-2.133	-0.792	0.386	1.185	1.519	1.440	1.091	0.631
4891	48.90	0.156	-0.334	-0.914	-1.675	-2.648	-3.756	-4.817	-5.610	-5.956	-5.797
4901	49.00	-5.223	-4.432	-3.642	-3.002	-2.523	-2.088	-1.511	-0.633	0.590	2.056
4911	49.10	3.543	4.781	5.552	5.748	5.395	4.631	3.644	2.628	1.740	1.098
4921	49.20	0.776	0.804	1.159	1.745	2.384	2.845	2.900	2.398	1.334	-0.130
4931	49.30	-1.700	-3.041	-3.877	-4.076	-3.667	-2.806	-1.693	-0.492	0.710	1.888
4941	49.40	3.028	4.075	4.905	5.364	5.338	4.833	4.008	3.144	2.541	2.398
4951	49.50	2.717	3.292	3.784	3.856	3.318	2.211	0.789	-0.579	-1.565	-2.012
4961	49.60	-1.993	-1.772	-1.692	-2.027	-2.872	-4.114	-5.471	-6.609	-7.249	-7.260
4971	49.70	-6.672	-5.649	-4.412	-3.166	-2.059	-1.159	-0.483	-0.017	0.260	0.370
4981	49.80	0.345	0.240	0.141	0.151	0.359	0.813	1.480	2.248	2.930	3.316
4991	49.90	3.219	2.535	1.278	-0.414	-2.303	-4.107	-5.564	-6.490	-6.814	-6.580

Table 7-80-11

TABLE OF CORRECTED ACCELERATION RECORD

NO.11

INDEX NO. 1272 713-GR-1-S U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -52.879 (GAL) T= 13.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-5.919	-4.998	-3.972	-2.967	-1.967	-1.023	-0.082	0.884	1.870	2.832
5011	50.10	3.686	4.312	4.601	4.456	3.830	2.746	1.301	-0.334	-1.944	-3.312
5021	50.20	-4.266	-4.718	-4.686	-4.278	-3.660	-3.004	-2.442	-2.038	-1.791	-1.651
5031	50.30	-1.548	-1.425	-1.241	-0.978	-0.630	-0.194	0.330	0.934	1.596	2.282
5041	50.40	2.952	3.573	4.129	4.614	5.026	5.339	5.500	5.423	5.015	4.212
5051	50.50	3.009	1.476	-0.241	-1.972	-3.542	-4.816	-5.716	-6.220	-6.350	-6.159
5061	50.60	-5.720	-5.129	-4.501	-3.955	-3.590	-3.451	-3.504	-3.629	-3.650	-3.385
5071	50.70	-2.706	-1.577	-0.069	1.675	3.481	5.196	6.702	7.918	8.763	9.142
5081	50.80	8.939	8.064	6.501	4.371	1.939	-0.425	-2.346	-3.555	-3.982	-3.787
5091	50.90	-3.301	-2.913	-2.930	-3.461	-4.387	-5.406	-6.144	-6.297	-5.728	-4.511
5101	51.00	-2.886	-1.170	0.354	1.519	2.300	2.788	3.119	3.410	3.711	4.003
5111	51.10	4.226	4.324	4.278	4.108	3.858	3.556	3.193	2.713	2.044	1.137
5121	51.20	0.007	-1.250	-2.472	-3.471	-4.084	-4.214	-3.848	-3.042	-1.893	-0.505
5131	51.30	1.030	2.634	4.233	5.745	7.079	8.148	8.879	9.234	9.201	8.787
5141	51.40	7.990	6.800	5.201	3.208	0.906	-1.532	-3.852	-5.766	-7.028	-7.507
5151	51.50	-7.230	-6.372	-5.201	-3.988	-2.928	-2.097	-1.451	-0.880	-0.271	0.634
5161	51.60	1.213	1.985	2.647	3.122	3.381	3.448	3.373	3.202	2.959	2.646
5171	51.70	2.253	1.783	1.252	0.691	0.116	-0.485	-1.162	-1.979	-2.984	-4.164
5181	51.80	-5.425	-6.598	-7.482	-7.898	-7.749	-7.050	-5.926	-4.572	-3.199	-1.983
5191	51.90	-1.030	-0.373	0.012	0.182	0.205	0.153	0.094	0.096	0.218	0.500
5201	52.00	0.942	1.497	2.073	2.559	2.852	2.887	2.656	2.202	1.603	0.951
5211	52.10	0.328	-0.194	-0.554	-0.698	-0.579	-0.173	0.505	1.385	2.350	3.254
5221	52.20	3.961	4.384	4.505	4.369	4.059	3.662	3.232	2.786	2.306	1.773
5231	52.30	1.177	0.538	-0.110	-0.729	-1.292	-1.787	-2.208	-2.542	-2.766	-2.850
5241	52.40	-2.789	-2.614	-2.413	-2.305	-2.411	-2.802	-3.467	-4.302	-5.138	-5.793
5251	52.50	-6.121	-6.051	-5.596	-4.832	-3.861	-2.784	-1.674	-0.580	0.463	1.427
5261	52.60	2.276	2.974	3.485	3.779	3.837	3.652	3.234	2.616	1.860	1.062
5271	52.70	0.333	-0.221	-0.526	-0.570	-0.398	-0.101	0.218	0.480	0.651	0.742
5281	52.80	0.790	0.835	0.904	1.005	1.139	1.315	1.547	1.846	2.200	2.560
5291	52.90	2.847	2.976	2.898	2.630	2.257	1.905	1.685	1.637	1.711	1.777
5301	53.00	1.682	1.322	0.687	-0.128	-0.961	-1.651	-2.098	-2.304	-2.353	-2.370
5311	53.10	-2.453	-2.635	-2.864	-3.036	-3.041	-2.812	-2.351	-1.730	-1.065	-0.475
5321	53.20	-0.068	0.183	0.244	0.212	0.188	0.267	0.516	0.946	1.508	2.100
5331	53.30	2.597	2.882	2.881	2.581	2.029	1.307	0.508	-0.295	-1.053	-1.735
5341	53.40	-2.307	-2.718	-2.898	-2.777	-2.314	-1.521	-0.477	0.685	1.806	2.733
5351	53.50	3.351	3.596	3.465	3.007	2.323	1.561	0.896	0.508	0.538	1.042
5361	53.60	1.962	3.115	4.242	5.068	5.389	5.132	4.372	3.295	2.129	1.058
5371	53.70	0.167	-0.571	-1.250	-1.969	-2.759	-3.557	-4.213	-4.552	-4.443	-3.862
5381	53.80	-2.916	-1.814	-0.806	-0.100	0.197	0.110	-0.230	-0.640	-0.955	-1.087
5391	53.90	-1.051	-0.943	-0.894	-1.015	-1.346	-1.848	-2.421	-2.943	-3.320	-3.500
5401	54.00	-3.481	-3.280	-2.908	-2.356	-1.606	-0.657	0.442	1.583	2.618	3.410
5411	54.10	3.888	4.084	4.127	4.198	4.448	4.932	5.569	6.164	6.472	6.282
5421	54.20	5.491	4.136	2.376	0.434	-1.468	-3.167	-4.581	-5.701	-6.569	-7.246
5431	54.30	-7.784	-8.214	-8.548	-8.771	-8.855	-8.761	-8.462	-7.955	-7.278	-6.511
5441	54.40	-5.758	-5.114	-4.622	-4.255	-3.917	-3.482	-2.848	-1.986	-0.962	0.077

Table 7-81-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1273 713-GR-1-5 HB. (HD.) YOSHIDAGAWA EHB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.068	0.790	2.645	5.344	8.275	10.672	11.833	11.322	9.080	5.429
11	0.10	0.973	-3.555	-7.448	-10.143	-11.295	-10.797	-8.784	-5.604	-1.781	2.063
21	0.20	5.308	7.454	8.226	7.629	5.922	3.538	0.943	-1.482	-3.521	-5.126
31	0.30	-6.360	-7.313	-8.023	-8.456	-8.527	-8.160	-7.356	-6.227	-4.985	-3.909
41	0.40	-3.259	-3.270	-4.004	-5.431	-7.379	-9.569	-11.651	-13.271	-14.133	-14.073
51	0.50	-13.107	-11.438	-9.417	-7.450	-5.894	-4.962	-4.678	-4.889	-5.332	-5.720
61	0.60	-5.026	-5.524	-4.798	-3.721	-2.421	-1.059	0.195	1.174	1.738	1.813
71	0.70	1.426	0.716	-0.082	-0.706	-0.945	-0.718	-0.102	0.696	1.424	1.879
81	0.80	1.986	1.815	1.535	1.338	1.349	1.585	1.963	2.348	2.618	2.714
91	0.90	2.645	2.468	2.251	2.069	1.901	1.849	1.949	2.273	2.877	3.760
101	1.00	4.835	5.932	6.844	7.391	7.480	7.128	6.431	5.506	4.435	3.238
111	1.10	1.909	0.476	-0.931	-2.066	-2.611	-2.307	-1.064	0.947	3.303	5.430
121	1.20	6.772	6.957	5.902	3.817	1.111	-1.750	-4.386	-6.574	-8.259	-9.486
131	1.30	-10.324	-10.801	-10.890	-10.529	-9.678	-8.362	-6.683	-4.815	-2.963	-1.330
141	1.40	-0.089	0.627	0.738	0.216	-0.895	-2.468	-4.291	-6.080	-7.528	-8.368
151	1.50	-8.435	-7.712	-6.338	-4.577	-2.750	-1.157	-0.010	0.615	0.780	0.651
161	1.60	0.445	0.356	0.501	0.887	1.410	1.895	2.150	2.037	1.526	0.723
171	1.70	-0.147	-0.782	-0.883	-0.235	1.222	3.363	5.887	8.382	10.419	11.661
181	1.80	11.950	11.349	10.116	8.625	7.250	6.255	5.727	5.580	5.612	5.614
191	1.90	5.457	5.142	4.778	4.511	4.434	4.526	4.648	4.605	4.240	3.520
201	2.00	2.565	1.618	0.949	0.755	1.080	1.809	2.715	3.543	4.096	4.282
211	2.10	4.102	3.623	2.919	2.053	1.071	0.026	-0.997	-1.882	-2.509	-2.793
221	2.20	-2.731	-2.408	-1.984	-1.641	-1.530	-1.730	-2.237	-2.977	-3.841	-4.716
231	2.30	-5.506	-6.140	-6.571	-6.782	-6.779	-6.594	-6.277	-5.878	-5.431	-4.938
241	2.40	-4.378	-3.737	-3.039	-2.381	-1.929	-1.884	-2.407	-3.546	-5.185	-7.037
251	2.50	-8.706	-9.778	-9.940	-9.061	-7.230	-4.728	-1.949	0.708	2.935	4.587
261	2.60	5.684	6.384	6.889	7.361	7.839	8.207	8.216	7.572	6.045	3.588
271	2.70	0.399	-3.075	-6.221	-8.394	-9.070	-7.967	-5.104	-0.792	4.445	9.965
281	2.80	15.115	19.310	22.088	23.157	22.426	20.028	16.329	11.890	7.386	3.477
291	2.90	0.671	-0.798	-1.012	-0.335	0.704	1.573	1.889	1.506	0.534	-0.728
301	3.00	-1.913	-2.709	-2.952	-2.664	-2.032	-1.340	-0.877	-0.856	-1.357	-2.306
311	3.10	-3.504	-4.679	-5.559	-5.952	-5.790	-5.157	-4.258	-3.366	-2.768	-2.591
321	3.20	-2.964	-3.806	-4.965	-6.252	-7.502	-8.612	-9.553	-10.339	-10.982	-11.438
331	3.30	-11.586	-11.235	-10.182	-8.288	-5.568	-2.236	1.295	4.480	6.758	7.691
341	3.40	7.071	4.981	1.773	-2.021	-5.809	-9.056	-11.364	-12.500	-12.373	-11.002
351	3.50	-8.492	-5.028	-0.895	3.510	7.706	11.196	13.574	14.638	14.453	13.346
361	3.60	11.809	10.351	9.332	8.868	8.799	8.768	8.354	7.213	5.196	2.378
371	3.70	-0.962	-4.421	-7.562	-9.989	-11.398	-11.600	-10.536	-8.279	-5.044	-1.178
381	3.80	2.868	6.596	9.540	11.354	11.881	11.187	9.547	7.396	5.230	3.509
391	3.90	2.552	2.467	3.112	4.120	4.969	5.107	4.098	1.758	-1.767	-5.995
401	4.00	-10.206	-13.604	-15.528	-15.619	-13.920	-10.873	-7.208	-3.751	-1.227	-0.077
411	4.10	-0.366	-1.781	-3.726	-5.489	-6.426	-6.135	-4.561	-2.008	0.950	3.628
421	4.20	5.432	6.016	5.373	3.800	1.779	-0.200	-1.791	-2.868	-3.692	-3.801
431	4.30	-3.880	-3.677	-3.024	-1.741	0.207	2.605	4.979	6.720	7.298	6.465
441	4.40	4.378	1.553	-1.258	-3.409	-4.468	-4.358	-3.298	-1.640	0.292	2.315
451	4.50	4.370	6.412	8.293	9.695	10.189	9.396	7.187	3.806	-0.140	-3.839
461	4.60	-6.535	-7.767	-7.499	-6.083	-4.088	-2.066	-0.370	0.910	1.884	2.703
471	4.70	3.413	3.882	3.842	3.013	1.261	-1.296	-4.274	-7.104	-9.176	-9.996
481	4.80	-9.298	-7.106	-3.725	0.317	4.353	7.698	9.770	10.208	8.966	6.333
491	4.90	2.876	-0.703	-3.742	-5.788	-6.683	-6.542	-5.648	-4.293	-2.659	-0.786

Table 7-81-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	1.364	3.783	6.300	8.538	9.975	10.108	8.626	5.551	1.269	-3.551
511	5.10	-8.115	-11.694	-13.762	-14.075	-12.678	-9.861	-6.108	-2.030	1.704	4.458
521	5.20	5.749	5.361	3.434	0.464	-2.798	-5.535	-7.096	-7.182	-5.926	-3.835
531	5.30	-1.610	0.092	0.859	0.636	-0.290	-1.420	-2.218	-2.284	-1.463	0.126
541	5.40	2.139	4.097	5.508	5.968	5.253	3.386	0.653	-2.414	-5.121	-6.751
551	5.50	-6.724	-4.763	-0.584	4.093	9.652	14.765	18.600	20.599	20.563	18.634
561	5.60	15.195	10.729	5.714	0.566	-4.338	-8.605	-11.780	-13.358	-12.877	-10.065
571	5.70	-5.004	1.771	9.278	16.233	21.292	23.352	21.813	16.738	8.867	-0.520
581	5.80	-9.860	-17.616	-22.570	-24.050	-22.027	-17.089	-10.293	-2.929	3.741	8.726
591	5.90	11.468	11.898	10.371	7.522	4.060	0.584	-2.531	-5.164	-7.390	-9.352
601	6.00	-11.142	-12.710	-13.861	-14.317	-13.837	-12.342	-10.002	-7.248	-4.698	-3.015
611	6.10	-2.727	-4.074	-6.902	-10.660	-14.495	-17.427	-18.575	-17.369	-13.700	-7.973
621	6.20	-1.025	6.046	12.124	16.325	18.176	17.695	15.343	11.873	8.117	4.783
631	6.30	2.308	0.816	0.178	0.130	0.421	0.906	1.576	2.507	3.762	5.298
641	6.40	6.926	8.346	9.245	9.428	8.908	7.924	6.871	6.155	6.051	6.599
651	6.50	7.594	8.670	9.441	9.639	9.201	8.269	7.126	6.082	5.378	5.129
661	6.60	5.313	5.804	6.401	6.860	6.911	6.284	4.754	2.209	-1.265	-5.339
671	6.70	-9.460	-12.943	-15.140	-15.618	-14.304	-11.523	-7.939	-4.387	-1.673	-0.380
681	6.80	-0.749	-2.633	-5.551	-8.795	-11.582	-13.207	-13.192	-11.389	-8.026	-3.673
691	6.90	0.886	4.831	7.518	8.637	8.274	6.852	4.968	3.176	1.814	0.916
701	7.00	0.257	-0.509	-1.665	-3.292	-5.209	-7.025	-8.266	-8.527	-7.593	-5.497
711	7.10	-2.506	0.939	4.313	7.101	8.872	9.347	8.458	6.369	3.467	0.306
721	7.20	-2.510	-4.460	-5.234	-4.804	-3.420	-1.515	0.429	2.029	3.096	3.658
731	7.30	3.910	4.116	4.501	5.174	6.106	7.148	8.087	8.708	8.845	8.413
741	7.40	7.411	5.919	4.077	2.055	0.028	-1.856	-3.493	-4.830	-5.857	-6.589
751	7.50	-7.046	-7.240	-7.168	-6.832	-6.236	-5.399	-4.340	-3.064	-1.558	0.200
761	7.60	2.204	4.371	6.508	8.310	9.418	9.517	8.448	6.291	3.376	0.205
771	7.70	-2.685	-4.887	-6.234	-6.839	-7.017	-7.149	-7.522	-8.221	-9.101	-9.860
781	7.80	-10.161	-9.764	-8.606	-6.812	-4.638	-2.377	-0.279	1.495	2.871	3.830
791	7.90	4.373	4.500	4.216	3.540	2.512	1.180	-0.430	-2.324	-4.531	-7.046
801	8.00	-9.753	-12.355	-14.373	-15.221	-14.373	-11.550	-6.873	-0.911	5.426	11.102
811	8.10	15.227	17.293	17.279	15.604	12.949	10.021	7.349	5.193	3.564	2.347
821	8.20	1.439	0.847	0.680	1.068	2.040	3.426	4.853	5.833	5.926	6.912
831	8.30	2.894	0.299	-2.231	-4.032	-4.611	-3.792	-1.758	1.010	3.875	6.219
841	8.40	7.591	7.799	6.923	5.254	3.194	1.136	-0.626	-1.957	-2.881	-3.541
851	8.50	-4.126	-4.801	-5.643	-6.623	-7.614	-8.444	-8.944	-9.004	-8.592	-7.751
861	8.60	-6.575	-5.180	-3.686	-2.211	-0.883	0.161	0.777	0.851	0.339	-0.691
871	8.70	-2.051	-3.463	-4.626	-5.303	-5.393	-4.957	-4.199	-3.387	-2.764	-2.472
881	8.80	-2.517	-2.789	-3.121	-3.362	-3.430	-3.331	-3.140	-2.960	-2.869	-2.900
891	8.90	-3.029	-3.191	-3.301	-3.273	-3.030	-2.504	-1.647	-0.444	1.071	2.802
901	9.00	4.591	6.251	7.597	8.502	8.922	8.905	8.572	8.083	7.603	7.279
911	9.10	7.222	7.500	8.128	9.046	10.107	11.089	11.734	11.825	11.277	10.192
921	9.20	8.855	7.656	6.948	6.912	7.467	8.282	8.889	8.855	7.932	6.136
931	9.30	3.709	0.989	-1.743	-4.373	-6.959	-9.635	-12.467	-15.332	-17.884	-19.638
941	9.40	-20.131	-19.103	-16.606	-13.020	-8.955	-5.094	-2.034	-0.177	0.321	-0.463
951	9.50	-2.257	-4.649	-7.152	-9.279	-10.647	-11.077	-10.661	-9.760	-8.891	-8.545
961	9.60	-8.987	-10.110	-11.442	-12.287	-11.984	-10.165	-6.926	-2.817	1.322	4.635
971	9.70	6.520	6.799	5.728	3.879	1.934	0.497	-0.041	0.464	1.945	4.185
981	9.80	6.883	9.686	12.222	14.122	15.077	14.894	13.567	11.297	8.470	5.573
991	9.90	3.080	1.324	0.421	0.245	0.487	0.768	0.779	0.402	-0.233	-0.785

Table 7-81-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.819	0.021	1.851	4.466	7.373	9.944	11.636	12.187	11.716	10.679
1011	10.10	9.688	9.285	9.741	10.977	12.615	14.121	14.970	14.750	13.185	10.088
1021	10.20	5.340	-1.085	-8.998	-17.843	-26.612	-33.904	-38.171	-38.098	-32.997	-23.069
1031	10.30	-9.433	6.099	21.413	34.530	43.944	48.787	48.822	44.321	35.923	24.523
1041	10.40	11.225	-2.695	-15.844	-26.831	-34.444	-37.854	-36.776	-31.565	-23.201	-13.158
1051	10.50	-3.188	4.978	9.945	10.952	8.067	2.214	-5.010	-11.713	-16.201	-17.427
1061	10.60	-15.264	-10.492	-4.490	1.241	5.584	8.120	9.189	9.658	10.524	12.497
1071	10.70	15.706	19.621	23.166	24.990	23.795	18.668	9.360	-3.517	-18.417	-32.965
1081	10.80	-44.288	-49.559	-46.660	-34.810	-14.946	10.297	37.047	61.004	78.353	86.536
1091	10.90	84.660	73.469	54.973	31.883	7.078	-16.795	-37.526	-53.443	-63.466	-67.177
1101	11.00	-64.897	-57.683	-47.196	-35.395	-24.124	-14.719	-7.753	-3.013	0.283	3.135
1111	11.10	6.388	10.477	15.332	20.459	25.116	28.522	30.023	29.213	25.986	20.547
1121	11.20	13.381	5.171	-3.323	-11.420	-18.655	-24.859	-30.136	-34.749	-38.945	-42.797
1131	11.30	-46.122	-48.513	-49.454	-48.490	-45.357	-40.047	-32.797	-24.020	-16.235	-4.014
1141	11.40	6.028	15.246	22.975	28.592	31.594	31.685	28.842	23.337	15.709	6.714
1151	11.50	-2.751	-11.732	-19.318	-24.757	-27.590	-27.751	-25.603	-21.868	-17.441	-13.138
1161	11.60	-9.448	-6.393	-3.542	-0.199	4.318	10.378	17.855	26.094	34.045	40.510
1171	11.70	44.418	45.066	42.262	36.375	28.288	19.265	10.756	4.128	0.382	-0.108
1181	11.80	2.260	6.344	10.503	13.016	12.566	8.649	1.761	-6.688	-14.731	-20.347
1191	11.90	-21.963	-18.794	-10.964	0.616	14.505	29.043	42.592	53.684	61.080	63.799
1201	12.00	61.174	52.961	39.479	21.727	1.389	-19.316	-37.938	-52.196	-60.387	-61.675
1211	12.10	-56.202	-45.006	-29.784	-12.600	4.384	19.102	29.723	34.777	33.331	25.227
1221	12.20	11.325	-6.383	-24.905	-40.721	-50.530	-52.101	-44.954	-30.618	-12.340	5.708
1231	12.30	19.480	26.045	24.202	14.571	-0.789	-19.044	-37.266	-52.924	-64.119	-69.627
1241	12.40	-68.872	-61.943	-49.646	-33.514	-15.658	1.600	16.247	27.070	33.903	37.525
1251	12.50	39.196	40.056	40.621	40.612	39.169	35.333	28.545	18.937	7.302	-5.218
1261	12.60	-17.495	-28.664	-38.108	-45.267	-49.421	-49.653	-45.087	-35.313	-20.799	-3.040
1271	12.70	15.677	32.849	46.456	55.491	60.106	61.359	60.684	59.356	58.156	57.339
1281	12.80	56.816	56.389	55.894	55.164	53.918	51.686	47.885	42.059	34.135	24.560
1291	12.90	14.180	3.898	-5.731	-14.732	-23.636	-33.069	-43.209	-53.376	-61.998	-67.008
1301	13.00	-66.541	-59.631	-46.610	-29.046	-9.273	10.281	27.660	41.634	51.622	57.393
1311	13.10	58.781	55.587	47.702	35.369	19.382	1.083	-17.873	-35.898	-51.798	-64.910
1321	13.20	-74.988	-81.926	-85.506	-85.312	-80.899	-72.130	-59.521	-44.393	-28.724	-14.718
1331	13.30	-4.243	1.654	2.979	0.703	-3.594	-8.198	-11.671	-13.088	-12.063	-8.625
1341	13.40	-3.065	4.165	12.431	20.838	28.170	32.949	33.667	29.168	19.067	4.048
1351	13.50	-14.089	-32.689	-48.765	-59.633	-63.453	-59.542	-48.360	-31.263	-10.125	12.982
1361	13.60	35.980	56.837	73.599	84.501	88.241	84.355	73.531	57.685	39.657	22.563
1371	13.70	8.991	0.343	-3.433	-3.600	-1.973	-0.133	1.180	2.237	4.026	7.644
1381	13.80	13.661	21.746	30.671	38.690	44.083	45.643	42.953	36.390	26.944	15.970
1391	13.90	4.962	-4.613	-11.464	-14.658	-13.838	-9.403	-2.566	4.815	10.631	13.027
1401	14.00	10.875	4.029	-6.697	-19.815	-33.559	-46.255	-56.527	-63.352	-66.005	-64.026
1411	14.10	-57.263	-45.994	-31.066	-13.928	3.495	19.095	30.956	37.699	38.695	34.091
1421	14.20	24.685	11.704	-3.428	-19.280	-34.547	-48.118	-59.108	-66.856	-70.904	-70.971
1431	14.30	-66.943	-58.913	-47.268	-32.795	-16.744	-0.780	13.231	23.573	29.062	29.353
1441	14.40	25.023	17.409	8.246	-0.758	-8.257	-13.432	-15.946	-15.808	-13.228	-8.566
1451	14.50	-2.371	4.568	11.240	16.570	19.687	20.190	18.278	14.659	10.260	5.858
1461	14.60	1.812	-1.962	-5.754	-9.676	-13.315	-15.630	-15.176	-10.593	-1.173	12.729
1471	14.70	29.619	47.164	62.750	74.108	79.783	79.332	73.241	62.654	49.070	34.107
1481	14.80	19.380	6.445	-3.271	-8.608	-8.890	-4.143	4.787	16.307	28.370	38.919
1491	14.90	46.363	49.916	49.706	46.595	41.808	36.465	31.220	26.101	20.602	13.993

Table 7-81-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	5.718	-4.267	-15.325	-26.206	-35.322	-41.146	-42.612	-39.409	-32.107	-22.081
1511	15.10	-11.279	-1.873	4.138	5.318	1.095	-8.052	-20.607	-34.234	-46.188	-53.867
1521	15.20	-55.367	-49.933	-38.152	-21.866	-3.799	12.996	25.722	32.335	31.834	24.332
1531	15.30	10.928	-6.558	-25.920	-44.902	-61.514	-74.271	-82.348	-85.621	-84.578	-80.119
1541	15.40	-73.298	-65.079	-56.176	-47.030	-37.904	-29.042	-20.810	-13.730	-8.379	-5.187
1551	15.50	-4.207	-4.960	-6.442	-7.308	-6.201	-2.131	5.213	15.317	26.909	38.226
1561	15.60	47.412	52.944	53.962	50.439	43.144	33.426	22.907	13.152	5.419	0.527
1571	15.70	-1.172	0.256	4.392	10.524	17.688	24.744	30.494	33.918	34.381	31.852
1581	15.80	26.955	20.853	14.938	10.453	8.143	8.091	9.778	12.339	14.904	16.895
1591	15.90	18.157	18.907	19.554	20.485	21.924	23.901	26.313	29.005	31.808	34.509
1601	16.00	36.771	38.089	37.836	35.421	30.506	23.199	14.113	4.258	-5.210	-13.293
1611	16.10	-19.384	-23.348	-25.439	-26.099	-25.758	-24.715	-23.143	-21.187	-19.071	-17.129
1621	16.20	-15.724	-15.061	-15.009	-15.015	-14.203	-11.643	-6.731	0.484	9.139	17.666
1631	16.30	24.156	26.862	24.697	17.540	6.271	-7.494	-21.841	-35.039	-45.897	-53.885
1641	16.40	-59.034	-61.681	-62.198	-60.813	-57.807	-52.637	-46.124	-38.577	-30.778	-23.619
1651	16.50	-17.839	-13.780	-11.253	-9.588	-7.845	-5.116	-0.827	5.065	12.033	19.085
1661	16.60	24.982	28.508	28.725	25.184	18.046	8.117	-3.240	-14.289	-23.207	-28.416
1671	16.70	-28.895	-24.407	-15.569	-3.731	9.291	21.592	31.549	38.111	40.937	40.363
1681	16.80	37.222	32.580	27.457	22.614	18.443	14.992	12.082	9.488	7.110	5.066
1691	16.90	3.705	3.502	4.911	8.193	13.300	19.820	27.013	33.906	39.430	42.587
1701	17.00	42.616	39.160	32.390	23.055	12.404	1.969	-6.775	-12.785	-15.737	-16.112
1711	17.10	-15.018	-13.791	-13.501	-14.549	-16.513	-18.311	-18.626	-16.430	-11.407	-4.121
1721	17.20	4.134	11.717	17.117	19.344	18.129	13.899	7.588	0.376	-6.549	-12.159
1731	17.30	-15.700	-16.754	-15.229	-11.630	-6.513	-0.894	4.168	7.696	8.947	7.485
1741	17.40	3.188	-3.780	-12.999	-23.779	-35.131	-45.769	-54.205	-58.973	-58.943	-53.638
1751	17.50	-43.427	-29.522	-13.746	1.855	15.437	25.679	31.944	34.247	33.103	29.334
1761	17.60	25.893	17.735	11.731	6.576	2.710	0.249	-1.014	-1.535	-1.856	-2.416
1771	17.70	-3.406	-4.726	-6.053	-7.000	-7.273	-6.769	-5.585	-3.944	-2.099	-0.269
1781	17.80	1.383	2.723	3.637	4.044	3.959	3.553	3.158	3.204	4.072	5.952
1791	17.90	8.753	12.135	15.643	18.881	21.637	23.892	25.706	27.063	27.751	27.383
1801	18.00	25.550	22.046	17.044	11.115	5.076	-0.302	-4.568	-7.739	-10.249	-12.734
1811	18.10	-15.755	-19.600	-24.239	-29.429	-34.869	-40.305	-45.487	-50.034	-53.268	-54.184
1821	18.20	-51.633	-44.688	-33.089	-17.557	0.175	17.667	32.326	42.030	45.604	42.995
1831	18.30	35.139	23.595	10.131	-3.605	-16.246	-26.721	-34.219	-38.179	-38.359	-34.937
1841	18.40	-28.592	-20.449	-11.882	-4.214	1.606	5.220	6.890	7.361	7.582	8.406
1851	18.50	10.353	13.505	17.519	21.760	25.475	27.982	28.842	27.976	25.715	22.756
1861	18.60	20.020	18.419	18.587	20.655	24.149	28.069	31.144	32.207	30.556	26.213
1871	18.70	19.958	13.147	7.353	3.944	3.707	6.643	11.964	18.294	24.012	27.642
1881	18.80	28.194	25.375	19.611	11.894	3.488	-4.415	-10.987	-15.917	-19.380	-21.837
1891	18.90	-23.751	-25.324	-26.361	-26.323	-24.537	-20.501	-14.154	-6.010	2.882	11.154
1901	19.00	17.415	20.543	19.889	15.352	7.346	-3.314	-15.545	-28.131	-39.847	-49.585
1911	19.10	-56.475	-60.005	-60.091	-57.092	-51.728	-44.933	-37.669	-30.753	-24.749	-19.930
1921	19.20	-16.321	-13.780	-12.085	-11.000	-10.297	-9.760	-9.150	-8.190	-6.555	-3.893
1931	19.30	0.108	5.625	12.592	20.602	28.870	36.295	41.624	43.714	41.819	35.825
1941	19.40	26.370	14.780	2.846	-7.516	-14.631	-17.379	-15.377	-9.022	0.617	12.014
1951	19.50	23.460	33.362	40.506	44.247	44.586	42.099	37.745	32.591	27.526	23.063
1961	19.60	19.287	15.961	12.733	9.368	5.898	2.626	0.003	-1.574	-1.941	-1.250
1971	19.70	0.072	1.468	2.620	2.572	1.771	0.031	-2.546	-5.816	-9.597	-13.630
1981	19.80	-17.538	-20.837	-23.020	-23.698	-22.752	-20.416	-17.267	-14.101	-11.738	-10.833
1991	19.90	-11.732	-14.424	-18.577	-23.629	-28.891	-33.641	-37.201	-38.991	-38.599	-35.837

Table 7-81-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-30.793	-23.860	-15.701	-7.183	0.744	7.178	11.392	12.932	11.685	7.895
2011	20.10	2.159	-4.639	-11.424	-17.073	-20.579	-21.222	-18.693	-13.167	-5.285	3.942
2021	20.20	13.291	21.524	27.576	30.717	30.658	27.587	22.127	15.242	8.076	1.788
2031	20.30	-2.610	-4.377	-3.119	1.187	8.208	17.282	27.467	37.611	46.461	52.816
2041	20.40	55.722	54.660	49.686	41.445	31.048	19.832	9.059	-0.329	-7.831	-13.353
2051	20.50	-17.032	-19.020	-19.327	-17.796	-14.224	-8.577	-1.175	7.224	15.521	22.517
2061	20.60	27.218	29.090	28.155	24.928	20.198	14.774	9.291	4.129	-0.545	-4.655
2071	20.70	-8.113	-10.780	-12.515	-13.282	-13.237	-12.749	-12.314	-12.401	-13.291	-14.967
2081	20.80	-17.120	-19.249	-20.829	-21.467	-20.992	-19.464	-17.116	-14.265	-11.253	-8.415
2091	20.90	-6.084	-4.603	-4.290	-5.382	-7.939	-11.781	-16.474	-21.390	-25.842	-29.231
2101	21.00	-31.164	-31.513	-30.397	-28.102	-24.999	-21.468	-17.863	-14.501	-11.654	-9.537
2111	21.10	-8.262	-7.805	-7.984	-8.483	-8.919	-8.930	-8.260	-6.802	-4.602	-1.815
2121	21.20	1.343	4.636	7.824	10.664	12.921	14.407	15.037	14.904	14.314	13.754
2131	21.30	13.776	14.833	17.104	20.383	24.091	27.406	29.490	29.737	27.962	24.459
2141	21.40	19.929	15.279	11.381	8.849	7.908	8.380	9.772	11.444	12.782	13.351
2151	21.50	12.973	11.731	9.903	7.857	5.923	4.303	3.024	1.957	0.896	-0.338
2161	21.60	-1.799	-3.375	-4.815	-5.828	-6.219	-5.989	-5.378	-4.801	-4.705	-5.400
2171	21.70	-6.931	-9.045	-11.267	-13.059	-13.987	-13.849	-12.694	-10.768	-8.402	-5.918
2181	21.80	-3.581	-1.605	-0.186	0.498	0.325	-0.676	-2.254	-3.928	-5.088	-5.197
2191	21.90	-4.013	-1.740	0.969	3.196	4.056	3.002	0.027	-4.332	-9.178	-13.547
2201	22.00	-16.694	-18.266	-18.310	-17.141	-15.151	-12.648	-9.789	-6.615	-3.151	0.497
2211	22.10	4.090	7.274	9.645	10.848	10.651	9.002	6.063	2.210	-1.992	-5.844
2221	22.20	-8.621	-9.708	-8.738	-5.680	-0.852	5.162	11.658	17.970	23.570	28.098
2231	22.30	31.322	33.075	33.228	31.717	28.626	24.247	19.092	13.797	8.976	5.048
2241	22.40	2.156	0.190	-1.087	-1.867	-2.189	-1.939	-0.965	0.752	2.966	5.165
2251	22.50	6.706	7.035	5.915	3.529	0.446	-2.564	-4.759	-5.627	-4.978	-2.922
2261	22.60	0.218	4.007	7.960	11.555	14.243	15.484	14.838	12.098	7.406	1.288
2271	22.70	-5.422	-11.770	-16.904	-20.268	-21.694	-21.370	-19.722	-17.258	-14.444	-11.647
2281	22.80	-9.133	-7.100	-5.701	-5.041	-5.150	-5.951	-7.260	-8.822	-10.372	-11.700
2291	22.90	-12.692	-13.321	-13.619	-13.625	-13.355	-12.803	-11.963	-10.872	-9.635	-8.430
2301	23.00	-7.473	-6.967	-7.046	-7.736	-8.949	-10.499	-12.149	-13.668	-14.875	-15.670
2311	23.10	-16.043	-16.050	-15.780	-15.317	-14.712	-13.976	-13.097	-12.063	-10.895	-9.656
2321	23.20	-8.447	-7.378	-6.539	-5.962	-5.604	-5.340	-4.975	-4.269	-2.975	-0.888
2331	23.30	2.096	5.925	10.362	14.991	19.290	22.738	24.947	25.773	25.346	24.027
2341	23.40	22.282	20.533	19.036	17.831	16.787	15.700	14.418	12.913	11.298	9.769
2351	23.50	8.531	7.733	7.447	7.699	8.505	9.900	11.907	14.486	17.467	20.528
2361	23.60	23.238	25.164	26.000	25.661	24.311	22.303	20.052	17.918	16.112	14.689
2371	23.70	13.588	12.709	11.963	11.295	10.655	9.973	9.130	7.986	6.415	4.351
2381	23.80	1.811	-1.123	-4.350	-7.791	-11.395	-15.115	-18.847	-22.384	-25.411	-27.558
2391	23.90	-28.506	-28.084	-26.342	-23.545	-20.111	-16.510	-13.172	-10.436	-8.540	-7.637
2401	24.00	-7.803	-9.027	-11.171	-13.946	-16.928	-19.629	-21.620	-22.651	-22.728	-22.103
2411	24.10	-21.178	-20.367	-19.964	-20.081	-20.656	-21.526	-22.511	-23.457	-24.230	-24.668
2421	24.20	-24.542	-23.566	-21.467	-18.104	-13.571	-8.228	-2.638	2.580	6.933	10.176
2431	24.30	12.355	13.735	14.659	15.409	16.113	16.742	17.165	17.244	16.892	16.098
2441	24.40	14.909	13.392	11.629	9.731	7.882	6.358	5.505	5.664	7.054	9.678
2451	24.50	13.281	17.399	21.477	25.017	27.698	29.427	30.302	30.520	30.273	29.678
2461	24.60	28.762	27.502	25.892	23.990	21.928	19.876	17.972	16.264	14.674	13.015
2471	24.70	11.051	8.580	5.516	1.945	-1.868	-5.530	-8.596	-10.686	-11.572	-11.244
2481	24.80	-9.913	-7.957	-5.820	-3.906	-2.482	-1.640	-1.302	-1.290	-1.400	-1.473
2491	24.90	-1.433	-1.288	-1.098	-0.943	-0.896	-1.009	-1.325	-1.872	-2.668	-3.701

Table 7-81-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-4.913	-6.196	-7.408	-8.410	-9.113	-9.508	-9.677	-9.770	-9.956	-10.379
2511	25.10	-11.130	-12.237	-13.689	-15.452	-17.484	-19.715	-22.019	-24.184	-25.907	-26.836
2521	25.20	-26.647	-25.137	-22.302	-18.366	-13.732	-8.913	-4.383	-0.506	2.531	4.700
2531	25.30	6.073	6.750	6.802	6.271	5.193	3.656	1.828	-0.049	-1.722	-2.998
2541	25.40	-3.814	-4.249	-4.476	-4.674	-4.922	-5.154	-5.171	-4.736	-3.681	-2.033
2551	25.50	-0.024	1.959	3.500	4.305	4.315	3.730	2.945	2.412	2.489	3.317
2561	25.60	4.779	6.530	8.105	9.041	9.003	7.864	5.732	2.932	-0.075	-2.789
2571	25.70	-4.780	-5.780	-5.732	-4.790	-3.259	-1.504	0.151	1.493	2.448	3.062
2581	25.80	3.458	3.781	4.170	4.743	5.600	6.807	8.365	10.162	11.938	13.289
2591	25.90	13.743	12.883	10.495	6.679	1.876	-3.209	-7.755	-11.015	-12.473	-11.934
2601	26.00	-9.523	-5.629	-0.817	4.262	8.951	12.650	14.900	15.463	14.389	12.038
2611	26.10	9.030	6.109	3.958	3.024	3.411	4.883	6.971	9.146	10.966	12.175
2621	26.20	12.691	12.530	11.709	10.184	7.864	4.677	0.677	-3.896	-8.611	-12.913
2631	26.30	-16.247	-18.169	-18.425	-16.979	-13.986	-9.744	-4.650	0.835	6.214	10.990
2641	26.40	14.726	17.110	18.024	17.565	16.020	13.787	11.267	8.768	6.452	4.335
2651	26.50	2.345	0.397	-1.546	-3.447	-5.211	-6.737	-7.973	-8.958	-9.832	-10.815
2661	26.60	-12.151	-14.050	-16.613	-19.790	-23.344	-26.863	-29.807	-31.600	-31.734	-29.886
2671	26.70	-26.001	-20.320	-13.346	-5.746	1.764	8.545	14.117	18.195	20.673	21.582
2681	26.80	21.039	19.208	16.281	12.483	8.075	3.352	-1.361	-5.740	-9.488	-12.370
2691	26.90	-14.238	-15.060	-14.931	-14.071	-12.793	-11.450	-10.353	-9.688	-9.455	-9.457
2701	27.00	-9.360	-8.796	-7.494	-5.375	-2.571	0.634	3.937	7.150	10.282	13.513
2711	27.10	17.070	21.046	25.233	29.073	31.747	32.397	30.407	25.639	18.528	10.001
2721	27.20	1.243	-6.602	-12.694	-16.636	-18.660	-18.491	-17.161	-14.856	-11.834	-8.249
2731	27.30	-4.208	0.151	4.632	8.997	13.009	16.469	19.221	21.128	22.062	21.794
2741	27.40	20.243	17.352	13.282	8.435	3.421	-1.047	-4.328	-6.006	-6.002	-4.585
2751	27.50	-2.300	0.170	2.154	3.126	2.786	1.097	-1.727	-5.266	-8.967	-12.243
2761	27.60	-14.587	-15.678	-15.662	-14.168	-12.260	-10.325	-8.922	-8.454	-9.071	-10.647
2771	27.70	-12.832	-15.136	-17.044	-18.132	-18.155	-17.100	-15.206	-12.921	-10.803	-9.383
2781	27.80	-9.005	-9.700	-11.143	-12.714	-13.661	-13.320	-11.310	-7.646	-2.723	2.809
2791	27.90	8.232	12.929	16.483	18.683	19.467	18.847	16.887	13.719	9.611	5.009
2801	28.00	0.530	-3.137	-5.382	-5.831	-4.450	-1.546	2.326	6.514	10.418	13.596
2811	28.10	15.799	16.954	17.120	16.453	15.191	13.638	12.147	11.069	10.678	11.100
2821	28.20	12.277	13.978	15.870	17.613	18.947	19.743	19.991	19.758	19.118	18.104
2831	28.30	16.691	14.802	12.345	9.252	5.515	1.222	-3.420	-8.049	-12.261	-15.467
2841	28.40	-17.182	-17.062	-15.045	-11.435	-6.889	-2.317	1.311	3.177	2.799	0.126
2851	28.50	-4.464	-10.272	-16.429	-22.059	-26.415	-28.968	-29.446	-27.849	-24.431	-19.665
2861	28.60	-14.174	-8.648	-3.728	0.094	2.553	3.631	3.524	2.562	1.120	-0.465
2871	28.70	-1.930	-3.099	-3.856	-4.133	-3.900	-3.184	-2.090	-0.809	0.401	1.267
2881	28.80	1.575	1.236	0.321	-0.950	-2.267	-3.305	-3.809	-3.637	-2.776	-1.318
2891	28.90	0.581	2.735	4.953	7.042	8.822	10.130	10.859	10.989	10.613	9.929
2901	29.00	9.184	8.594	8.256	8.095	7.879	7.299	6.086	4.130	1.541	-1.371
2911	29.10	-4.191	-6.536	-8.165	-9.033	-9.257	-9.023	-8.478	-7.664	-6.519	-4.949
2921	29.20	-2.928	-0.582	1.792	3.791	5.018	5.208	4.315	2.530	0.225	-2.154
2931	29.30	-4.192	-5.597	-6.235	-6.121	-5.387	-4.230	-2.673	-1.537	-0.423	0.295
2941	29.40	0.476	0.018	-1.140	-2.996	-5.471	-8.378	-11.409	-14.144	-16.088	-16.761
2951	29.50	-15.800	-13.072	-8.737	-3.254	2.687	8.296	12.831	15.728	16.691	15.716
2961	29.60	13.064	9.204	4.742	0.346	-3.332	-5.742	-6.512	-5.523	-2.942	0.800
2971	29.70	5.084	9.229	12.629	14.861	15.750	15.362	13.945	11.846	9.425	6.992
2981	29.80	4.774	2.909	1.463	0.449	-0.145	-0.337	-0.133	0.464	1.444	2.755
2991	29.90	4.274	5.786	7.003	7.614	7.367	6.143	4.021	1.271	-1.689	-4.386

Table 7-81-7

TABLE OF CORRECTED ACCELERATION RECORD

NO. 7

INDEX NO. 1273 713-GR-1-S HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-6.398	-7.435	-7.382	-6.302	-4.392	-1.940	0.732	3.314	5.536	7.198
3011	30.10	8.184	8.466	8.100	7.190	5.864	4.238	2.401	0.425	-1.615	-3.627
3021	30.20	-5.492	-7.089	-8.324	-9.166	-9.613	-9.842	-9.842	-9.681	-9.335	-8.730
3031	30.30	-7.800	-6.540	-5.040	-3.480	-2.075	-1.006	-0.360	-0.120	-0.196	-0.489
3041	30.40	-0.956	-1.635	-2.618	-3.992	-5.770	-7.846	-10.009	-11.993	-13.554	-14.533
3051	30.50	-14.880	-14.635	-13.888	-12.732	-11.243	-9.491	-7.561	-5.570	-3.663	-1.976
3061	30.60	-0.589	0.511	1.432	2.339	3.390	4.673	6.173	7.775	9.307	10.602
3071	30.70	11.533	12.041	12.112	11.753	10.973	9.786	8.230	6.405	4.486	2.707
3081	30.80	1.309	0.479	0.286	0.670	1.462	2.457	3.486	4.472	5.448	6.522
3091	30.90	7.820	9.420	11.311	13.394	15.503	17.447	19.042	20.129	20.565	20.225
3101	31.00	19.607	16.854	13.801	10.007	5.764	1.465	-2.469	-5.683	-7.961	-9.270
3111	31.10	-9.742	-9.608	-9.112	-8.438	-7.673	-6.817	-5.833	-4.700	-3.461	-2.224
3121	31.20	-1.140	-0.346	0.081	0.145	-0.072	-0.451	-0.884	-1.310	-1.732	-2.208
3131	31.30	-2.816	-3.619	-4.646	-5.879	-7.267	-8.744	-10.245	-11.716	-13.115	-14.412
3141	31.40	-15.593	-16.665	-17.670	-18.679	-19.779	-21.032	-22.427	-23.844	-25.044	-25.709
3151	31.50	-25.528	-24.294	-22.000	-18.870	-15.333	-11.911	-9.087	-7.168	-6.201	-5.970
3161	31.60	-6.066	-6.012	-5.397	-3.977	-1.728	1.166	4.376	7.506	10.185	12.135
3171	31.70	13.221	13.469	13.054	12.267	11.447	10.911	10.890	11.491	12.686	14.357
3181	31.80	16.337	18.474	20.650	22.783	24.803	26.619	28.112	29.158	29.662	29.609
3191	31.90	29.073	28.203	27.163	26.074	24.970	23.797	22.464	20.902	19.125	17.246
3201	32.00	15.447	13.918	12.787	12.074	11.685	11.453	11.177	10.675	9.799	8.449
3211	32.10	6.563	4.127	1.191	-2.112	-5.558	-8.863	-11.736	-13.961	-15.455	-16.297
3221	32.20	-16.701	-16.943	-17.277	-17.864	-18.743	-19.852	-21.078	-22.310	-23.483	-24.578
3231	32.30	-25.608	-26.581	-27.479	-28.242	-28.782	-28.998	-28.803	-28.137	-26.983	-25.379
3241	32.40	-23.420	-21.263	-19.118	-17.220	-15.794	-15.002	-14.898	-15.403	-16.304	-17.287
3251	32.50	-18.600	-18.122	-17.434	-15.868	-13.519	-10.623	-7.490	-4.426	-1.649	0.763
3261	32.60	2.879	4.872	6.931	9.175	11.585	13.997	16.153	17.797	18.776	19.098
3271	32.70	18.943	18.602	18.386	18.538	19.182	20.324	21.884	23.749	25.804	27.929
3281	32.80	29.976	31.749	33.000	33.469	32.957	31.393	28.875	25.665	22.127	18.639
3291	32.90	15.512	12.936	10.975	9.600	8.735	8.298	8.224	8.454	8.914	9.503
3301	33.00	10.076	10.462	10.485	9.989	8.871	7.097	4.716	1.862	-1.265	-4.421
3311	33.10	-7.366	-9.903	-11.928	-13.451	-14.594	-15.564	-16.604	-17.940	-19.729	-22.026
3321	33.20	-24.772	-27.798	-30.855	-33.649	-35.888	-37.340	-37.866	-37.450	-36.188	-34.255
3331	33.30	-31.845	-29.123	-26.186	-23.071	-19.790	-16.385	-12.976	-9.778	-7.068	-5.124
3341	33.40	-4.147	-4.194	-5.156	-6.775	-8.700	-10.563	-12.045	-12.926	-13.097	-12.559
3351	33.50	-11.389	-9.707	-7.634	-5.267	-2.655	0.192	3.288	6.632	10.176	13.801
3361	33.60	17.323	20.525	23.207	25.237	26.586	27.329	27.619	27.646	27.589	27.590
3371	33.70	27.738	28.064	28.548	29.117	29.650	30.000	30.017	29.596	28.719	27.468
3381	33.80	26.005	24.517	23.139	21.896	20.685	19.314	17.586	15.380	12.715	9.745
3391	33.90	6.701	3.815	1.241	-0.972	-2.861	-4.491	-5.903	-7.085	-7.988	-8.563
3401	34.00	-8.806	-8.777	-8.576	-8.304	-8.028	-7.773	-7.550	-7.406	-7.461	-7.907
3411	34.10	-8.954	-10.745	-13.280	-16.379	-19.717	-22.905	-25.601	-27.591	-28.816	-29.346
3421	34.20	-29.316	-28.867	-28.110	-27.137	-26.046	-24.958	-24.006	-23.286	-22.809	-22.457
3431	34.30	-22.008	-21.197	-19.807	-17.758	-15.128	-12.123	-8.994	-5.944	-3.072	-0.370
3441	34.40	2.215	4.702	7.010	8.951	10.277	10.772	10.347	9.097	7.293	5.331
3451	34.50	3.635	2.578	2.419	3.291	5.205	8.077	11.737	15.940	20.361	24.607
3461	34.60	28.254	30.910	32.289	32.281	30.988	28.708	25.878	22.977	20.430	18.525
3471	34.70	17.376	16.920	16.963	17.238	17.463	17.392	16.841	15.700	13.936	11.589
3481	34.80	8.772	5.661	2.485	-0.507	-3.078	-5.050	-6.338	-6.961	-7.034	-6.732
3491	34.90	-6.241	-5.721	-5.282	-4.986	-4.866	-4.953	-5.287	-5.912	-6.849	-8.069

Table 7-81-8

TABLE OF CORRECTED ACCELERATION RECORD

NO. 8

INDEX NO. 1273 713-GR-1-S HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-9.474	-10.896	-12.136	-13.009	-13.392	-13.261	-12.688	-11.819	-10.829	-9.879
3511	35.10	-9.087	-8.519	-8.189	-8.077	-8.139	-8.315	-8.529	-8.701	-8.760	-8.662
3521	35.20	-8.413	-8.071	-7.731	-7.489	-7.402	-7.453	-7.550	-7.552	-7.327	-6.814
3531	35.30	-6.060	-5.219	-4.513	-4.150	-4.256	-4.817	-5.680	-6.590	-7.260	-7.450
3541	35.40	-7.020	-5.949	-4.326	-2.317	-0.131	2.009	3.885	5.299	6.093	6.181
3551	35.50	5.571	4.389	2.868	1.304	0.006	-0.787	-0.931	-0.411	0.685	2.212
3561	35.60	4.006	5.920	7.823	9.598	11.125	12.283	12.969	13.125	12.767	11.988
3571	35.70	10.940	9.793	8.697	7.746	6.979	6.397	5.982	5.721	5.598	5.580
3581	35.80	5.602	5.559	5.334	4.835	4.041	3.017	1.902	0.849	-0.029	-0.717
3591	35.90	-1.293	-1.888	-2.609	-3.462	-4.321	-4.951	-5.082	-4.513	-3.203	-1.296
3601	36.00	0.902	3.013	4.691	5.709	6.004	5.665	4.886	3.903	2.944	2.200
3611	36.10	1.816	1.882	2.425	3.386	4.598	5.790	6.615	6.723	5.850	3.905
3621	36.20	1.014	-2.490	-6.143	-9.456	-12.039	-13.680	-14.379	-14.320	-13.794	-13.104
3631	36.30	-12.488	-12.057	-11.791	-11.558	-11.163	-10.403	-9.128	-7.283	-4.938	-2.287
3641	36.40	0.368	2.669	4.264	4.873	4.351	2.714	0.134	-3.090	-6.595	-10.005
3651	36.50	-12.990	-15.287	-16.724	-17.216	-16.771	-15.480	-13.516	-11.110	-8.524	-6.003
3661	36.60	-3.732	-1.803	-0.203	1.166	2.449	3.786	5.279	6.971	8.846	10.848
3671	36.70	12.898	14.904	16.765	18.360	19.550	20.189	20.146	19.344	17.788	15.594
3681	36.80	12.976	10.226	7.667	5.598	4.244	3.722	4.023	5.018	6.485	8.150
3691	36.90	9.734	11.003	11.798	12.053	11.791	11.099	10.102	8.929	7.692	6.471
3701	37.00	5.318	4.263	3.321	2.500	1.803	1.225	0.751	0.348	-0.037	-0.477
3711	37.10	-1.061	-1.874	-2.986	-4.417	-6.131	-8.028	-9.954	-11.737	-13.219	-14.291
3721	37.20	-14.913	-15.110	-14.959	-14.562	-14.027	-13.456	-12.940	-12.557	-12.368	-12.403
3731	37.30	-12.663	-13.019	-13.412	-13.685	-13.719	-13.442	-12.852	-12.004	-10.986	-9.889
3741	37.40	-8.781	-7.707	-6.705	-5.818	-5.111	-4.646	-4.461	-4.532	-4.763	-4.993
3751	37.50	-5.041	-4.760	-4.079	-3.022	-1.692	-0.238	1.187	2.456	3.476	4.190
3761	37.60	4.581	4.681	4.585	4.467	4.561	5.109	6.291	8.165	10.522	13.103
3771	37.70	15.473	17.236	18.131	18.103	17.315	16.086	14.784	13.729	13.118	12.998
3781	37.80	13.297	13.863	14.521	15.107	15.485	15.554	15.252	14.565	13.530	12.230
3791	37.90	10.780	9.290	7.839	6.451	5.102	3.750	2.375	1.014	-0.235	-1.232
3801	38.00	-1.849	-2.015	-1.753	-1.183	-0.492	0.118	0.475	0.471	0.070	-0.705
3811	38.10	-1.792	-3.113	-4.579	-6.100	-7.584	-8.946	-10.126	-11.104	-11.909	-12.608
3821	38.20	-13.280	-13.977	-14.701	-15.389	-15.941	-16.255	-16.282	-16.051	-15.668	-15.281
3831	38.30	-15.017	-14.929	-14.965	-14.973	-14.757	-14.140	-13.030	-11.462	-9.588	-7.643
3841	38.40	-5.883	-4.531	-3.732	-3.535	-3.897	-4.696	-5.749	-6.831	-7.695	-8.102
3851	38.50	-7.850	-6.818	-4.989	-2.461	0.560	3.800	6.963	9.781	12.051	13.656
3861	38.60	14.570	14.845	14.599	13.984	13.171	12.314	11.537	10.916	10.486	10.252
3871	38.70	10.214	10.390	10.814	11.526	12.536	13.791	15.156	16.426	17.369	17.782
3881	38.80	17.551	16.676	15.262	13.486	11.536	9.571	7.700	5.988	4.479	3.221
3891	38.90	2.267	1.666	1.428	1.508	1.794	2.131	2.355	2.336	2.003	1.352
3901	39.00	0.432	-0.684	-1.917	-3.193	-4.444	-5.601	-6.588	-7.333	-7.777	-7.897
3911	39.10	-7.721	-7.328	-6.839	-6.400	-6.158	-6.246	-6.768	-7.784	-9.301	-11.260
3921	39.20	-13.530	-15.905	-18.126	-19.915	-21.017	-21.251	-20.547	-18.961	-16.671	-13.947
3931	39.30	-11.107	-8.475	-6.338	-4.906	-4.295	-4.508	-5.434	-6.856	-8.480	-9.966
3941	39.40	-10.985	-11.274	-10.681	-9.195	-6.947	-4.174	-1.163	1.810	4.542	6.927
3951	39.50	8.954	10.674	12.145	13.391	14.373	15.000	15.159	14.763	13.797	12.339
3961	39.60	10.557	8.679	6.945	5.565	4.679	4.340	4.513	5.081	5.870	6.678
3971	39.70	7.307	7.604	7.486	6.974	6.183	5.311	4.589	4.225	4.354	4.991
3981	39.80	6.028	7.252	8.389	9.169	9.383	8.927	7.823	6.207	4.292	2.317
3991	39.90	0.490	-1.058	-2.287	-3.246	-4.034	-4.756	-5.482	-6.226	-6.943	-7.555

Table 7-81-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-7.976	-8.141	-8.012	-7.572	-6.816	-5.746	-4.374	-2.746	-0.955	0.847
4011	40.10	2.468	3.712	4.420	4.514	4.001	2.968	1.551	-0.099	-1.832	-3.500
4021	40.20	-4.947	-6.011	-6.540	-6.430	-5.668	-4.363	-2.740	-1.093	0.288	1.200
4031	40.30	1.567	1.452	1.005	0.402	-0.213	-0.761	-1.217	-1.573	-1.803	-1.843
4041	40.40	-1.603	-1.004	-0.015	1.314	2.858	4.438	5.853	6.915	7.465	7.391
4051	40.50	6.632	5.196	3.176	0.760	-1.778	-4.120	-5.961	-7.083	-7.398	-6.967
4061	40.60	-5.963	-4.616	-3.153	-1.756	-0.553	0.367	0.930	1.070	0.741	-0.045
4071	40.70	-1.191	-2.511	-3.752	-4.654	-5.015	-4.737	-3.865	-2.462	-0.771	1.022
4081	40.80	2.714	4.116	5.048	5.353	4.924	3.742	1.906	-0.356	-2.726	-4.863
4091	40.90	-6.485	-7.427	-7.667	-7.300	-6.481	-5.364	-4.069	-2.672	-1.230	0.189
4101	41.00	1.497	2.592	3.390	3.859	4.027	3.973	3.785	3.527	3.217	2.838
4111	41.10	2.370	1.834	1.313	0.944	0.876	1.218	1.992	3.120	4.434	5.725
4121	41.20	6.790	7.467	7.655	7.319	6.477	5.201	3.612	1.878	0.201	-1.213
4131	41.30	-2.196	-2.662	-2.628	-2.216	-1.612	-1.019	-0.595	-0.419	-0.479	-0.689
4141	41.40	-0.927	-1.072	-1.041	-0.803	-0.382	0.154	0.709	1.183	1.496	1.600
4151	41.50	1.495	1.218	0.827	0.378	-0.097	-0.594	-1.124	-1.686	-2.240	-2.694
4161	41.60	-2.926	-2.820	-2.328	-1.501	-0.499	0.456	1.143	1.427	1.305	0.909
4171	41.70	0.465	0.206	0.303	0.802	1.623	2.587	3.478	4.098	4.309	4.052
4181	41.80	3.343	2.260	0.935	-0.466	-1.753	-2.742	-3.285	-3.313	-2.862	-2.075
4191	41.90	-1.180	-0.434	-0.058	-0.185	-0.827	-1.878	-3.148	-4.414	-5.471	-6.174
4201	42.00	-6.458	-6.340	-5.904	-5.266	-4.547	-3.839	-3.187	-2.593	-2.027	-1.467
4211	42.10	-0.931	-0.496	-0.295	-0.477	-1.154	-2.339	-3.916	-5.666	-7.218	-8.329
4221	42.20	-8.772	-8.489	-7.590	-6.312	-4.953	-3.784	-2.983	-2.593	-2.554	-2.686
4231	42.30	-2.797	-2.717	-2.346	-1.681	-0.808	0.119	0.935	1.515	1.820	1.917
4241	42.40	1.963	2.150	2.637	3.483	4.610	5.820	6.855	7.478	7.554	7.092
4251	42.50	6.237	5.212	4.238	3.475	2.985	2.748	2.715	2.856	3.194	3.801
4261	42.60	4.755	6.085	7.724	9.497	11.144	12.383	12.971	12.769	11.766	10.074
4271	42.70	7.898	5.493	3.117	0.997	-0.698	-1.866	-2.482	-2.594	-2.314	-1.803
4281	42.80	-1.245	-0.822	-0.678	-0.898	-1.496	-2.409	-3.510	-4.632	-5.597	-6.245
4291	42.90	-6.461	-6.201	-5.497	-4.452	-3.223	-1.990	-0.925	-0.158	0.242	0.275
4301	43.00	0.000	-0.486	-1.074	-1.664	-2.177	-2.556	-2.751	-2.706	-2.351	-1.606
4311	43.10	-0.405	1.273	3.372	5.739	8.139	10.286	11.904	12.786	12.844	12.127
4321	43.20	10.806	9.126	7.356	5.724	4.383	3.391	2.723	2.293	1.984	1.683
4331	43.30	1.305	0.810	0.208	-0.448	-1.075	-1.588	-1.917	-2.030	-1.932	-1.662
4341	43.40	-1.280	-0.846	-0.412	-0.016	0.313	0.549	0.673	0.671	0.545	0.314
4351	43.50	0.005	-0.362	-0.794	-1.341	-2.079	-3.091	-4.420	-6.028	-7.783	-9.475
4361	43.60	-10.866	-11.762	-12.072	-11.847	-11.268	-10.598	-10.098	-9.958	-10.239	-10.864
4371	43.70	-11.649	-12.365	-12.810	-12.867	-12.540	-11.941	-11.252	-10.665	-10.322	-10.274
4381	43.80	-10.464	-10.748	-10.938	-10.846	-10.325	-9.298	-7.749	-5.722	-3.300	-0.594
4391	43.90	2.259	5.098	7.746	10.029	11.806	12.992	13.585	13.655	13.317	12.690
4401	44.00	11.855	10.834	9.596	8.097	6.322	4.329	2.268	0.355	-1.164	-2.083
4411	44.10	-2.286	-1.780	-0.689	0.780	2.403	3.996	5.463	6.803	8.079	9.364
4421	44.20	10.675	11.929	12.946	13.497	13.385	12.524	10.991	9.008	6.866	4.830
4431	44.30	3.048	1.523	0.163	-1.123	-2.314	-3.224	-3.542	-2.954	-1.322	1.183
4441	44.40	4.060	6.475	7.672	7.039	4.420	0.179	-4.868	-9.668	-13.211	-14.790
4451	44.50	-14.157	-11.550	-7.589	-3.098	1.089	4.287	6.052	6.203	4.806	2.120
4461	44.60	-1.430	-5.320	-8.974	-11.826	-13.407	-13.429	-11.850	-8.905	-5.072	-0.984
4471	44.70	2.701	5.434	6.874	6.930	5.735	3.571	0.772	-2.352	-5.553	-8.647
4481	44.80	-11.486	-13.933	-15.845	-17.088	-17.552	-17.157	-15.854	-13.603	-10.374	-6.173
4491	44.90	-1.098	4.580	10.375	15.605	19.505	21.406	20.937	18.163	13.606	8.134

Table 7-81-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	2.753	-1.641	-4.444	-5.625	-4.898	-2.612	0.376	3.793	7.196	10.186
4511	45.10	12.418	13.633	13.720	12.759	11.037	8.980	7.046	5.592	4.794	4.632
4521	45.20	4.962	5.622	6.520	7.661	9.084	10.767	12.535	14.037	14.817	14.454
4531	45.30	12.704	9.606	5.483	0.850	-3.725	-7.765	-10.966	-13.216	-14.534	-15.010
4541	45.40	-14.723	-13.736	-12.108	-9.931	-7.367	-4.656	-2.095	0.005	1.372	1.821
4551	45.50	1.284	-0.172	-2.360	-4.990	-7.714	-10.176	-12.073	-13.210	-13.529	-13.121
4561	45.60	-12.200	-11.044	-9.925	-9.044	-8.482	-8.197	-8.062	-7.933	-7.720	-7.428
4571	45.70	-7.158	-7.033	-7.103	-7.247	-7.139	-6.314	-4.314	-0.893	3.810	9.208
4581	45.80	14.354	18.167	19.730	18.559	14.742	8.914	2.083	-4.620	-10.183	-13.860
4591	45.90	-15.229	-14.171	-10.831	-5.590	0.934	7.915	14.389	19.418	22.291	22.719
4601	46.00	20.919	17.555	13.533	9.728	6.756	4.863	3.978	3.875	4.362	5.387
4611	46.10	7.029	9.370	12.344	15.632	18.677	20.820	21.488	20.372	17.504	13.235
4621	46.20	8.126	2.823	-2.043	-5.905	-8.274	-8.771	-7.177	-3.526	1.815	8.127
4631	46.30	14.409	19.546	22.525	22.642	19.637	13.723	5.520	-4.068	-13.994	-23.210
4641	46.40	-30.773	-35.942	-38.255	-37.582	-34.135	-28.425	-21.167	-13.168	-5.218	1.966
4651	46.50	7.749	11.558	12.881	11.318	6.697	-0.792	-10.506	-21.363	-31.994	-41.009
4661	46.60	-47.288	-50.215	-49.771	-46.460	-41.129	-34.732	-28.144	-22.055	-16.952	-13.151
4671	46.70	-10.811	-9.922	-10.271	-11.409	-12.699	-13.430	-12.997	-11.074	-7.718	-3.349
4681	46.80	1.386	5.817	9.445	12.056	13.722	14.696	15.273	15.660	15.921	15.994
4691	46.90	15.765	15.150	14.155	12.882	11.508	10.235	9.259	8.741	8.799	9.511
4701	47.00	10.905	12.961	15.609	18.737	22.212	25.892	29.617	33.189	36.332	38.681
4711	47.10	39.799	39.269	36.818	32.452	26.538	19.792	13.155	7.595	3.878	2.401
4721	47.20	3.121	5.418	9.229	13.239	17.026	20.152	22.365	23.559	23.709	22.827
4731	47.30	20.955	18.178	14.652	10.618	6.386	2.300	-1.323	-4.241	-5.328	-7.600
4741	47.40	-8.211	-8.432	-8.605	-9.087	-10.178	-12.063	-14.760	-18.113	-21.805	-25.416
4751	47.50	-28.481	-30.565	-31.319	-30.535	-28.189	-24.470	-19.801	-14.817	-10.302	-7.068
4761	47.60	-5.796	-6.877	-10.297	-15.604	-21.986	-28.443	-33.995	-37.885	-39.707	-39.436
4771	47.70	-37.363	-33.974	-29.819	-25.402	-21.131	-17.302	-14.112	-11.678	-10.041	-9.159
4781	47.80	-8.902	-9.059	-9.356	-9.497	-9.203	-8.239	-6.440	-3.711	-0.043	4.476
4791	47.90	9.637	15.099	20.385	24.932	28.171	29.634	29.071	26.522	22.346	17.163
4801	48.00	11.751	6.907	3.306	1.407	1.398	3.203	6.522	10.892	15.758	20.537
4811	48.10	24.689	27.778	29.527	29.856	28.895	26.945	24.416	21.739	19.281	17.292
4821	48.20	15.891	15.093	14.831	15.083	15.689	16.530	17.412	18.075	18.235	17.647
4831	48.30	16.190	13.930	11.122	8.157	5.446	3.305	1.872	1.090	0.757	0.624
4841	48.40	0.479	0.200	-0.254	-0.897	-1.771	-2.973	-4.625	-6.802	-9.453	-12.354
4851	48.50	-15.140	-17.402	-18.825	-19.321	-19.082	-18.553	-18.306	-18.874	-20.592	-23.497
4861	48.60	-27.315	-31.539	-35.541	-38.710	-40.555	-40.767	-39.252	-36.127	-31.710	-26.497
4871	48.70	-21.117	-16.249	-12.517	-10.351	-9.880	-10.876	-12.790	-14.880	-16.398	-16.785
4881	48.80	-15.810	-13.597	-10.555	-7.220	-4.081	-1.454	0.562	2.037	3.108	3.873
4891	48.90	4.335	4.420	4.049	3.232	2.145	1.127	0.624	1.068	2.760	5.781
4901	49.00	9.958	14.907	20.108	25.006	29.105	32.030	33.561	33.648	32.398	30.058
4911	49.10	26.985	23.612	20.397	17.769	16.068	15.489	16.045	17.551	19.651	21.874
4921	49.20	23.725	24.786	24.799	23.723	21.723	19.116	16.271	13.508	11.024	8.869
4931	49.30	6.978	5.228	3.519	1.821	0.188	-1.259	-2.367	-2.986	-2.992	-2.302
4941	49.40	-0.887	1.204	3.803	6.600	9.137	10.867	11.249	9.887	6.653	1.760
4951	49.50	-4.255	-10.622	-16.501	-21.152	-24.075	-25.082	-24.298	-22.095	-18.997	-15.573
4961	49.60	-12.350	-9.750	-8.058	-7.409	-7.796	-9.095	-11.097	-13.545	-16.169	-18.713
4971	49.70	-20.948	-22.682	-23.763	-24.080	-23.572	-22.233	-20.117	-17.336	-14.053	-10.468
4981	49.80	-6.806	-3.300	-0.173	2.382	4.224	5.286	5.588	5.235	4.395	3.266
4991	49.90	2.039	0.878	-0.087	-0.743	-0.981	-0.694	0.206	1.745	3.842	6.284

Table 7-81-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	8.744	10.837	12.209	12.635	12.075	10.689	8.799	6.805	5.102	4.002
5011	50.10	3.693	4.231	5.552	7.497	9.844	12.335	14.710	16.733	18.232	19.118
5021	50.20	19.397	19.159	18.549	17.721	16.798	15.840	14.828	13.676	12.253	10.416
5031	50.30	8.050	5.100	1.593	-2.353	-6.535	-10.685	-14.501	-17.677	-19.938	-21.069
5041	50.40	-20.941	-19.536	-16.965	-13.480	-9.454	-5.348	-1.636	1.278	3.136	3.871
5051	50.50	3.606	2.595	1.135	-0.529	-2.269	-4.086	-6.072	-8.363	-10.961	-13.881
5061	50.60	-16.937	-19.868	-22.373	-24.175	-25.084	-25.033	-24.096	-22.477	-20.465	-18.373
5071	50.70	-16.466	-14.897	-13.684	-12.726	-11.869	-10.994	-10.086	-9.263	-8.734	-8.705
5081	50.80	-9.272	-10.337	-11.604	-12.640	-12.997	-12.334	-10.499	-7.547	-3.699	0.729
5091	50.90	5.385	9.911	13.948	17.135	19.136	19.711	18.802	16.601	13.558	10.307
5101	51.00	7.522	5.750	5.284	6.129	8.046	10.676	13.655	16.698	19.604	22.212
5111	51.10	24.348	25.794	26.321	25.771	24.143	21.653	18.722	15.899	13.751	12.741
5121	51.20	13.147	15.032	18.245	22.455	27.186	31.857	35.836	38.508	39.378	38.152
5131	51.30	34.809	29.608	23.025	15.647	8.055	0.740	-5.933	-11.889	-16.301	-19.568
5141	51.40	-21.235	-21.251	-19.664	-16.778	-13.142	-9.460	-6.450	-4.677	-4.427	-5.655
5151	51.50	-8.029	-11.042	-14.150	-16.899	-19.001	-20.361	-21.056	-21.282	-21.304	-21.398
5161	51.60	-21.803	-22.672	-24.046	-25.837	-27.843	-29.795	-31.422	-32.513	-32.962	-32.776
5171	51.70	-32.037	-30.859	-29.331	-27.495	-25.355	-22.906	-20.179	-17.258	-14.279	-11.399
5181	51.80	-8.753	-6.419	-4.413	-2.699	-1.218	0.094	1.298	2.462	3.674	5.044
5191	51.90	6.683	8.664	10.978	13.515	16.070	18.392	20.247	21.476	22.020	21.909
5201	52.00	21.228	20.077	18.546	16.730	14.755	12.811	11.148	10.050	9.760	10.414
5211	52.10	11.987	14.298	17.050	19.905	22.558	24.786	26.457	27.520	27.973	27.851
5221	52.20	27.216	26.165	24.824	23.334	21.816	20.346	18.938	17.560	16.170	14.759
5231	52.30	13.365	12.066	10.933	9.983	9.153	8.305	7.280	5.961	4.317	2.415
5241	52.40	0.383	-1.640	-3.554	-5.302	-6.849	-8.139	-9.073	-9.534	-9.445	-8.852
5251	52.50	-7.969	-7.169	-6.897	-7.550	-9.352	-12.299	-16.168	-20.595	-25.179	-29.558
5261	52.60	-33.434	-36.559	-38.701	-39.644	-39.223	-37.407	-34.365	-30.494	-26.363	-22.592
5271	52.70	-19.714	-18.047	-17.654	-18.365	-19.858	-21.752	-23.670	-25.261	-26.207	-26.220
5281	52.80	-25.084	-22.701	-19.154	-14.728	-9.865	-5.075	-0.809	2.634	5.156	6.832
5291	52.90	7.844	8.408	8.725	8.980	9.351	10.023	11.164	12.867	15.084	17.598
5301	53.00	20.040	21.986	23.077	23.137	22.224	20.610	18.699	16.916	15.617	15.036
5311	53.10	15.291	16.392	18.271	20.778	23.680	26.667	29.393	31.535	32.889	33.375
5321	53.20	33.125	32.342	31.241	29.965	28.440	26.582	24.182	21.103	17.343	13.070
5331	53.30	8.588	4.267	0.456	-2.588	-4.733	-5.975	-6.422	-6.269	-5.781	-5.269
5341	53.40	-5.064	-5.470	-6.717	-8.907	-11.983	-15.725	-19.770	-23.670	-26.952	-29.196
5351	53.50	-30.102	-29.555	-27.667	-24.784	-21.453	-18.332	-16.070	-15.159	-15.826	-17.973
5361	53.60	-21.200	-24.905	-28.432	-31.220	-32.914	-33.413	-32.845	-31.494	-29.697	-27.754
5371	53.70	-25.856	-24.059	-22.293	-20.406	-18.223	-15.624	-12.600	-9.290	-5.968	-2.989
5381	53.80	-0.693	0.697	1.160	0.907	0.351	0.008	0.379	1.824	4.483	8.257
5391	53.90	12.846	17.834	22.788	27.333	31.204	34.249	36.401	37.640	37.965	37.388
5401	54.00	35.958	33.806	31.181	28.460	26.109	24.584	24.218	25.102	27.024	29.495
5411	54.10	31.857	33.455	33.811	32.749	30.428	27.271	23.823	20.593	17.929	15.960
5421	54.20	14.625	13.735	13.066	12.422	11.673	10.755	9.660	8.424	7.112	5.803
5431	54.30	4.556	3.377	2.174	0.757	-1.138	-3.766	-7.290	-11.695	-16.774	-22.160
5441	54.40	-27.418	-32.145	-36.042	-38.927	-40.705	-41.317	-40.720	-38.906	-35.974	-32.197
5451	54.50	-28.056	-24.180	-21.220	-19.670	-19.724	-21.219	-23.689	-26.514	-29.108	-31.069
5461	54.60	-32.239	-32.675	-32.541	-31.993	-31.104	-29.849	-28.153	-25.955	-23.263	-20.169
5471	54.70	-16.831	-13.432	-10.158	-7.189	-4.703	-2.874	-1.847	-1.686	-2.304	-3.432
5481	54.80	-4.629	-5.360	-5.123	-3.582	-0.665	3.410	8.193	13.113	17.616	21.275
5491	54.90	23.862	25.357	25.916	25.806	25.340	24.812	24.455	24.407	24.706	25.301

Table 7-81-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	26.087	26.949	27.812	28.659	29.532	30.498	31.598	32.798	33.975	34.928
5511	55.10	35.426	35.273	34.360	32.688	30.356	27.576	24.531	21.447	18.517	15.905
5521	55.20	13.740	12.097	10.982	10.319	9.941	9.623	9.122	8.232	6.832	4.905
5531	55.30	2.523	-0.190	-3.096	-6.078	-9.047	-11.929	-14.665	-17.104	-19.209	-20.886
5541	55.40	-22.110	-22.922	-23.425	-23.748	-24.009	-24.284	-24.599	-24.946	-25.308	-25.689
5551	55.50	-26.108	-26.587	-27.110	-27.602	-27.925	-27.915	-27.431	-26.413	-24.911	-23.075
5561	55.60	-21.109	-19.214	-17.535	-16.137	-15.022	-14.159	-13.514	-13.062	-12.775	-12.591
5571	55.70	-12.397	-12.039	-11.354	-10.231	-8.651	-6.701	-4.544	-2.351	-0.243	1.748
5581	55.80	3.662	5.551	7.407	9.113	10.443	11.123	10.939	9.831	7.959	5.692
5591	55.90	3.539	2.040	1.649	2.653	5.128	8.938	13.758	19.110	24.403	28.994
5601	56.00	32.268	33.739	33.158	30.599	26.480	21.495	16.482	12.226	9.283	7.867
5611	56.10	7.828	8.738	10.046	11.243	11.990	12.166	11.845	11.210	10.456	9.723
5621	56.20	9.077	8.529	8.094	7.821	7.807	8.153	8.910	10.010	11.247	12.289
5631	56.30	12.761	12.334	10.827	8.252	4.822	0.891	-3.132	-6.873	-10.060	-12.550
5641	56.40	-14.323	-15.444	-16.024	-16.180	-16.012	-15.589	-14.943	-14.077	-12.979	-11.654
5651	56.50	-10.162	-8.648	-7.349	-6.562	-6.572	-7.557	-9.502	-12.164	-15.107	-17.810
5661	56.60	-19.803	-20.802	-20.772	-19.912	-18.559	-17.067	-15.694	-14.560	-13.663	-12.952
5671	56.70	-12.396	-12.019	-11.875	-11.981	-12.252	-12.474	-12.337	-11.540	-9.900	-7.440
5681	56.80	-4.403	-1.194	1.735	4.005	5.398	5.879	5.561	4.645	3.361	1.938
5691	56.90	0.599	-0.431	-0.928	-0.701	0.364	2.251	4.801	7.737	10.735	13.505
5701	57.00	15.866	17.769	19.272	20.481	21.479	22.274	22.799	22.937	22.573	21.646
5711	57.10	20.174	18.255	16.054	13.770	11.618	9.808	8.530	7.923	8.043	8.831
5721	57.20	10.090	11.500	12.676	13.256	12.993	11.837	9.962	7.737	5.637	4.132
5731	57.30	3.571	4.098	5.622	7.835	10.279	12.441	13.846	14.147	13.178	10.983
5741	57.40	7.794	3.980	-0.024	-3.803	-7.037	-9.542	-11.288	-12.367	-12.946	-13.208
5751	57.50	-13.303	-13.326	-13.311	-13.258	-13.158	-13.024	-12.903	-12.880	-13.059	-13.536
5761	57.60	-14.370	-15.558	-17.014	-18.585	-20.071	-21.272	-22.039	-22.321	-22.173	-21.751
5771	57.70	-21.257	-20.878	-20.725	-20.804	-21.018	-21.208	-21.206	-20.892	-20.219	-19.213
5781	57.80	-17.949	-16.520	-15.016	-13.512	-12.069	-10.739	-9.556	-8.520	-7.583	-6.642
5791	57.90	-5.564	-4.227	-2.568	-0.623	1.478	3.547	5.410	6.970	8.255	9.402
5801	58.00	10.607	12.049	13.820	15.895	18.144	20.382	22.434	24.181	25.577	26.630
5811	58.10	27.373	27.823	27.970	27.780	27.216	26.264	24.942	23.315	21.482	19.569
5821	58.20	17.726	16.110	14.874	14.133	13.936	14.231	14.854	15.545	15.999	15.940
5831	58.30	15.198	13.755	11.755	9.470	7.228	5.328	3.977	3.244	3.067	3.282
5841	58.40	3.668	3.995	4.056	3.680	2.738	1.140	-1.163	-4.163	-7.774	-11.806
5851	58.50	-15.969	-19.885	-23.150	-25.411	-26.450	-26.251	-25.016	-23.134	-21.094	-19.369
5861	58.60	-18.314	-18.091	-18.665	-19.836	-21.325	-22.844	-24.163	-25.119	-25.616	-25.592
5871	58.70	-25.003	-23.816	-22.046	-19.767	-17.136	-14.384	-11.779	-9.577	-7.967	-7.030
5881	58.80	-6.731	-6.924	-7.385	-7.841	-8.013	-7.649	-6.563	-4.668	-2.005	1.253
5891	58.90	4.818	8.335	11.453	13.896	15.512	16.298	16.379	15.960	15.273	14.525
5901	59.00	13.874	13.420	13.222	13.307	13.677	14.308	15.139	16.073	16.977	17.704
5911	59.10	18.117	18.110	17.631	16.683	15.325	13.666	11.850	10.046	8.427	7.149
5921	59.20	6.326	6.004	6.148	6.650	7.342	8.041	8.577	8.834	8.757	8.358
5931	59.30	7.700	6.876	5.987	5.129	4.371	3.750	3.258	2.845	2.428	1.915
5941	59.40	1.232	0.358	-0.665	-1.728	-2.687	-3.400	-3.768	-3.762	-3.429	-2.876
5951	59.50	-2.234	-1.632	-1.169	-0.910	-0.885	-1.107	-1.570	-2.260	-3.145	-4.181
5961	59.60	-5.307	-6.455	-7.555	-8.542	-9.363	-9.975	-10.353	-10.500	-10.455	-10.294
5971	59.70	-10.128	-10.069	-10.199	-10.529	-10.983	-11.409	-11.625	-11.485	-10.936	-10.047
5981	59.80	-8.996	-8.014	-7.310	-7.006	-7.102	-7.492	-8.006	-8.475	-8.771	-8.832
5991	59.90	-8.643	-8.215	-7.550	-6.639	-5.465	-4.037	-2.398	-0.640	1.122	2.773

Table 7-81-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	4.230	5.461	6.473	7.308	8.010	8.616	9.153	9.645	10.118	10.609
6011	60.10	11.149	11.756	12.413	13.071	13.653	14.076	14.270	14.193	13.837	13.216
6021	60.20	12.353	11.278	10.027	8.655	7.252	5.947	4.902	4.278	4.195	4.689
6031	60.30	5.690	7.022	8.433	9.657	10.469	10.742	10.667	9.738	8.713	7.550
6041	60.40	6.359	5.175	3.960	2.637	1.136	-0.565	-2.422	-4.334	-6.175	-7.826
6051	60.50	-9.209	-10.291	-11.078	-11.595	-11.872	-11.939	-11.834	-11.611	-11.344	-11.116
6061	60.60	-10.996	-11.021	-11.175	-11.402	-11.622	-11.769	-11.805	-11.731	-11.571	-11.348
6071	60.70	-11.064	-10.698	-10.226	-9.639	-8.972	-8.299	-7.716	-7.297	-7.063	-6.965
6081	60.80	-6.901	-6.750	-6.422	-5.889	-5.185	-4.384	-3.559	-2.745	-1.926	-1.051
6091	60.90	-0.074	1.008	2.130	3.168	3.971	4.412	4.436	4.081	3.474	2.792
6101	61.00	2.222	1.906	1.923	2.276	2.912	3.747	4.697	5.699	6.715	7.726
6111	61.10	8.710	9.624	10.390	10.897	11.015	10.632	9.686	8.198	6.282	4.138
6121	61.20	2.018	0.176	-1.183	-1.948	-2.121	-1.822	-1.256	-0.672	-0.311	-0.350
6131	61.30	-0.869	-1.832	-3.095	-4.433	-5.589	-6.325	-6.467	-5.941	-4.784	-3.134
6141	61.40	-1.202	0.759	2.504	3.824	4.582	4.727	4.296	3.409	2.243	0.997
6151	61.50	-0.140	-1.024	-1.571	-1.761	-1.629	-1.240	-0.671	0.002	0.714	1.411
6161	61.60	2.042	2.566	2.952	3.184	3.263	3.209	3.049	2.815	2.539	2.250
6171	61.70	1.985	1.781	1.676	1.692	1.821	2.017	2.208	2.321	2.314	2.208
6181	61.80	2.090	2.091	2.334	2.882	3.707	4.684	5.636	6.382	6.805	6.871
6191	61.90	6.628	6.163	5.555	4.840	4.003	3.002	1.810	0.436	-1.056	-2.573
6201	62.00	-4.016	-5.315	-6.427	-7.330	-7.993	-8.356	-8.342	-7.880	-6.949	-5.619
6211	62.10	-4.054	-2.484	-1.151	-0.242	0.157	0.076	-0.357	-0.967	-1.577	-2.048
6221	62.20	-2.296	-2.296	-2.065	-1.657	-1.153	-0.649	-0.247	-0.033	-0.060	-0.324
6231	62.30	-0.772	-1.312	-1.851	-2.317	-2.683	-2.958	-3.165	-3.300	-3.313	-3.114
6241	62.40	-2.593	-1.679	-0.378	1.197	2.841	4.307	5.363	5.859	5.760	5.142
6251	62.50	4.165	3.017	1.871	0.857	0.053	-0.505	-0.802	-0.842	-0.648	-0.275
6261	62.60	0.185	0.610	0.870	0.865	0.557	-0.011	-0.731	-1.470	-2.118	-2.632
6271	62.70	-3.051	-3.476	-4.018	-4.751	-5.664	-6.659	-7.575	-8.245	-8.542	-8.417
6281	62.80	-7.902	-7.079	-6.049	-4.900	-3.692	-2.467	-1.267	-0.151	0.813	1.561
6291	62.90	2.063	2.346	2.492	2.622	2.854	3.268	3.881	4.647	5.478	6.280
6301	63.00	6.973	7.516	7.896	8.121	8.198	8.128	7.903	7.510	6.942	6.205
6311	63.10	5.322	4.332	3.292	2.276	1.374	0.686	0.300	0.277	0.624	1.279
6321	63.20	2.121	2.987	3.708	4.154	4.255	4.019	3.517	2.858	2.155	1.493
6331	63.30	0.912	0.399	-0.099	-0.656	-1.345	-2.211	-3.254	-4.421	-5.615	-6.712
6341	63.40	-7.591	-8.166	-8.405	-8.343	-8.064	-7.680	-7.293	-6.976	-6.750	-6.590
6351	63.50	-6.438	-6.231	-5.914	-5.459	-4.869	-4.172	-3.418	-2.664	-1.972	-1.393
6361	63.60	-0.963	-0.690	-0.548	-0.479	-0.400	-0.219	0.142	0.727	1.529	2.487
6371	63.70	3.501	4.450	5.228	5.769	6.064	6.168	6.174	6.192	6.306	6.549
6381	63.80	6.900	7.288	7.628	7.849	7.922	7.860	7.700	7.472	7.173	6.757
6391	63.90	6.154	5.310	4.223	2.974	1.714	0.632	-0.105	-0.405	-0.283	0.148
6401	64.00	0.707	1.205	1.486	1.465	1.127	0.517	-0.281	-1.160	-2.010	-2.722
6411	64.10	-3.203	-3.400	-3.309	-2.993	-2.569	-2.178	-1.943	-1.930	-2.128	-2.460
6421	64.20	-2.817	-3.113	-3.316	-3.464	-3.645	-3.947	-4.422	-5.051	-5.748	-6.394
6431	64.30	-6.874	-7.124	-7.141	-6.979	-6.715	-6.415	-6.102	-5.750	-5.294	-4.663
6441	64.40	-3.806	-2.727	-1.490	-0.213	0.958	1.884	2.473	2.704	2.633	2.379
6451	64.50	2.087	1.881	1.830	1.923	2.086	2.212	2.202	2.009	1.651	1.206
6461	64.60	0.777	0.458	0.304	0.317	0.455	0.651	0.836	0.951	0.959	0.840
6471	64.70	0.596	0.254	-0.131	-0.479	-0.696	-0.699	-0.447	0.038	0.665	1.294
6481	64.80	1.778	2.003	1.923	1.562	1.004	0.349	-0.316	-0.940	-1.511	-2.034
6491	64.90	-2.513	-2.932	-3.253	-3.434	-3.442	-3.272	-2.947	-2.514	-2.019	-1.505

Table 7-81-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-1.001	-0.531	-0.122	0.188	0.357	0.352	0.165	-0.175	-0.596	-1.006
6511	65.10	-1.313	-1.451	-1.402	-1.194	-0.893	-0.580	-0.329	-0.186	-0.168	-0.253
6521	65.20	-0.396	-0.533	-0.594	-0.514	-0.253	0.200	0.803	1.493	2.151	2.673
6531	65.30	2.985	3.074	2.997	2.868	2.826	2.984	3.387	3.992	4.675	5.265
6541	65.40	5.596	5.550	5.086	4.244	3.121	1.850	0.567	-0.596	-1.527	-2.126
6551	65.50	-2.323	-2.084	-1.438	-0.482	0.628	1.701	2.560	3.083	3.231	3.042
6561	65.60	2.608	2.036	1.422	0.838	0.343	-0.004	-0.137	-0.004	0.403	1.003
6571	65.70	1.621	2.007	1.908	1.158	-0.253	-2.149	-4.209	-6.058	-7.380	-8.006
6581	65.80	-7.947	-7.369	-6.517	-5.622	-4.837	-4.218	-3.739	-3.344	-2.985	-2.649
6591	65.90	-2.358	-2.145	-2.037	-2.046	-2.171	-2.407	-2.746	-3.171	-3.643	-4.092
6601	66.00	-4.424	-4.543	-4.386	-3.956	-3.324	-2.613	-1.951	-1.433	-1.082	-0.855
6611	66.10	-0.669	-0.441	-0.127	0.266	0.692	1.093	1.439	1.735	2.027	2.374
6621	66.20	2.824	3.399	4.074	4.808	5.547	6.243	6.866	7.396	7.822	8.136
6631	66.30	8.336	8.423	8.416	8.343	8.246	8.164	8.130	8.159	8.248	8.373
6641	66.40	8.500	8.586	8.593	8.493	8.276	7.962	7.582	7.184	6.805	6.462
6651	66.50	6.138	5.792	5.375	4.856	4.238	3.571	2.932	2.400	2.030	1.826
6661	66.60	1.746	1.716	1.658	1.511	1.245	0.853	0.339	-0.295	-1.051	-1.929
6671	66.70	-2.915	-3.972	-5.045	-6.071	-7.006	-7.832	-8.561	-9.218	-9.818	-10.354
6681	66.80	-10.789	-11.073	-11.170	-11.078	-10.837	-10.518	-10.199	-9.933	-9.732	-9.566
6691	66.90	-9.375	-9.106	-8.721	-8.211	-7.594	-6.908	-6.193	-5.491	-4.843	-4.284
6701	67.00	-3.837	-3.510	-3.282	-3.106	-2.916	-2.653	-2.283	-1.814	-1.285	-0.754
6711	67.10	-0.284	0.173	0.578	0.992	1.440	1.916	2.373	2.745	2.981	3.076
6721	67.20	3.079	3.077	3.153	3.347	3.626	3.900	4.063	4.043	3.850	3.579
6731	67.30	3.382	3.407	3.742	4.374	5.196	6.039	6.739	7.183	7.337	7.245
6741	67.40	6.992	6.672	6.346	6.035	5.718	5.352	4.885	4.269	3.472	2.480
6751	67.50	1.305	-0.016	-1.414	-2.798	-4.074	-5.158	-6.000	-6.589	-6.949	-7.120
6761	67.60	-7.144	-7.050	-6.851	-6.553	-6.163	-5.693	-5.160	-4.574	-3.935	-3.236
6771	67.70	-2.479	-1.695	-0.956	-0.370	-0.050	-0.078	-0.464	-1.133	-1.942	-2.724
6781	67.80	-3.345	-3.747	-3.959	-4.071	-4.179	-4.332	-4.506	-4.602	-4.495	-4.062
6791	67.90	-3.334	-2.309	-1.136	0.028	1.050	1.854	2.425	2.798	3.021	3.139
6801	68.00	3.176	3.145	3.061	2.954	2.886	2.838	2.897	3.039	3.230	3.421
6811	68.10	3.568	3.650	3.674	3.668	3.666	3.691	3.747	3.821	3.895	3.958
6821	68.20	4.011	4.059	4.104	4.133	4.108	3.983	3.713	3.275	2.683	1.987
6831	68.30	1.260	0.583	0.023	-0.382	-0.616	-0.690	-0.625	-0.445	-0.180	0.140
6841	68.40	0.477	0.783	1.013	1.124	1.093	0.925	0.665	0.301	-0.060	-0.400
6851	68.50	-0.705	-0.985	-1.269	-1.584	-1.947	-2.345	-2.733	-3.045	-3.213	-3.187
6861	68.60	-2.960	-2.572	-2.111	-1.684	-1.392	-1.294	-1.387	-1.599	-1.804	-1.848
6871	68.70	-1.591	-0.944	0.105	1.483	3.039	4.573	5.873	6.754	7.088	6.830
6881	68.80	6.024	4.784	3.280	1.698	0.219	-1.012	-1.894	-2.374	-2.446	-2.138
6891	68.90	-1.507	-0.633	0.384	1.432	2.394	3.165	3.659	3.832	3.682	3.255
6901	69.00	2.626	1.888	1.134	0.432	-0.176	-0.684	-1.114	-1.504	-1.896	-2.322
6911	69.10	-2.794	-3.302	-3.817	-4.302	-4.723	-5.057	-5.298	-5.454	-5.537	-5.553
6921	69.20	-5.501	-5.368	-5.143	-4.821	-4.413	-3.944	-3.443	-2.937	-2.438	-1.942
6931	69.30	-1.439	-0.924	-0.407	0.087	0.521	0.868	1.117	1.284	1.403	1.510
6941	69.40	1.623	1.737	1.820	1.835	1.759	1.599	1.395	1.209	1.097	1.095
6951	69.50	1.201	1.380	1.584	1.770	1.914	2.020	2.103	2.177	2.240	2.269
6961	69.60	2.226	2.074	1.795	1.400	0.929	0.444	0.014	-0.300	-0.459	-0.448
6971	69.70	-0.282	-0.001	0.337	0.683	0.909	1.019	0.959	0.720	0.323	-0.191
6981	69.80	-0.767	-1.351	-1.892	-2.351	-2.702	-2.925	-3.013	-2.962	-2.782	-2.493
6991	69.90	-2.130	-1.737	-1.368	-1.073	-0.890	-0.838	-0.909	-1.074	-1.280	-1.470

Table 7-81-15

TABLE OF CORRECTED ACCELERATION RECORD

NO.15

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-1.591	-1.609	-1.511	-1.308	-1.026	-0.696	-0.347	-0.002	0.322	0.613
7011	70.10	0.860	1.057	1.210	1.344	1.502	1.734	2.075	2.527	3.036	3.502
7021	70.20	3.803	3.832	3.543	2.971	2.234	1.497	0.923	0.617	0.600	0.802
7031	70.30	1.088	1.309	1.362	1.123	0.659	0.013	-0.714	-1.405	-1.953	-2.270
7041	70.40	-2.300	-2.032	-1.499	-0.786	-0.013	0.684	1.185	1.416	1.364	1.082
7051	70.50	0.665	0.223	-0.153	-0.409	-0.544	-0.596	-0.628	-0.709	-0.893	-1.205
7061	70.60	-1.637	-2.141	-2.646	-3.064	-3.319	-3.366	-3.205	-2.883	-2.476	-2.063
7071	70.70	-1.695	-1.379	-1.080	-0.746	-0.341	0.129	0.605	0.995	1.202	1.171
7081	70.80	0.910	0.495	0.045	-0.314	-0.484	-0.423	-0.138	0.326	0.905	1.542
7091	70.90	2.183	2.778	3.276	3.620	3.757	3.652	3.305	2.755	2.073	1.350
7101	71.00	0.669	0.096	-0.334	-0.608	-0.730	-0.707	-0.543	-0.244	0.186	0.730
7111	71.10	1.365	2.051	2.743	3.387	3.927	4.312	4.501	4.469	4.214	3.759
7121	71.20	3.152	2.451	1.721	1.019	0.390	-0.129	-0.511	-0.732	-0.782	-0.667
7131	71.30	-0.424	-0.119	0.157	0.316	0.293	0.073	-0.304	-0.752	-1.170	-1.470
7141	71.40	-1.604	-1.573	-1.421	-1.209	-0.998	-0.826	-0.709	-0.641	-0.607	-0.587
7151	71.50	-0.562	-0.516	-0.439	-0.333	-0.226	-0.178	-0.270	-0.586	-1.185	-2.062
7161	71.60	-3.135	-4.251	-5.223	-5.877	-6.108	-5.911	-5.379	-4.679	-3.994	-3.479
7171	71.70	-3.221	-3.229	-3.447	-3.780	-4.122	-4.379	-4.482	-4.383	-4.065	-3.534
7181	71.80	-2.824	-1.997	-1.133	-0.317	0.374	0.890	1.214	1.357	1.348	1.224
7191	71.90	1.016	0.753	0.461	0.166	-0.101	-0.311	-0.444	-0.492	-0.459	-0.354
7201	72.00	-0.181	0.063	0.385	0.788	1.252	1.729	2.155	2.462	2.609	2.596
7211	72.10	2.467	2.291	2.133	2.022	1.941	1.841	1.664	1.385	1.031	0.675
7221	72.20	0.418	0.340	0.471	0.782	1.194	1.617	1.980	2.255	2.454	2.607
7231	72.30	2.734	2.829	2.864	2.807	2.649	2.415	2.165	1.957	1.870	1.880
7241	72.40	1.964	2.066	2.137	2.160	2.154	2.154	2.186	2.240	2.267	2.193
7251	72.50	1.959	1.548	1.011	0.451	-0.007	-0.254	-0.237	0.030	0.476	0.994
7261	72.60	1.472	1.816	1.957	1.856	1.496	0.884	0.050	-0.940	-1.997	-3.007
7271	72.70	-3.851	-4.427	-4.663	-4.527	-4.025	-3.201	-2.124	-0.886	0.404	1.629
7281	72.80	2.674	3.448	3.899	4.025	3.872	3.520	3.060	2.570	2.096	1.656
7291	72.90	1.248	0.862	0.497	0.165	-0.115	-0.328	-0.468	-0.544	-0.575	-0.584
7301	73.00	-0.583	-0.574	-0.548	-0.484	-0.363	-0.171	0.100	0.461	0.831	1.230
7311	73.10	1.587	1.839	1.926	1.799	1.433	0.832	0.030	-0.913	-1.916	-2.891
7321	73.20	-3.749	-4.416	-4.848	-5.038	-5.033	-4.924	-4.831	-4.876	-5.145	-5.662
7331	73.30	-6.378	-7.186	-7.945	-8.522	-8.818	-8.784	-8.414	-7.728	-6.759	-5.547
7341	73.40	-4.145	-2.635	-1.134	0.218	1.278	1.942	2.171	2.009	1.566	0.987
7351	73.50	0.406	-0.082	-0.436	-0.660	-0.783	-0.829	-0.809	-0.719	-0.557	-0.329
7361	73.60	-0.064	0.194	0.399	0.519	0.548	0.506	0.433	0.372	0.357	0.403
7371	73.70	0.504	0.640	0.787	0.931	1.075	1.244	1.481	1.828	2.307	2.903
7381	73.80	3.556	4.174	4.658	4.936	4.992	4.873	4.671	4.492	4.410	4.445
7391	73.90	4.559	4.685	4.764	4.777	4.758	4.776	4.891	5.126	5.442	5.752
7401	74.00	5.956	5.978	5.798	5.445	4.981	4.463	3.926	3.377	2.818	2.262
7411	74.10	1.752	1.347	1.092	0.989	0.978	0.962	0.839	0.557	0.145	-0.300
7421	74.20	-0.651	-0.816	-0.789	-0.660	-0.584	-0.719	-1.156	-1.888	-2.806	-3.758
7431	74.30	-4.604	-5.269	-5.761	-6.144	-6.496	-6.861	-7.229	-7.546	-7.749	-7.793
7441	74.40	-7.682	-7.454	-7.171	-6.879	-6.601	-6.333	-6.062	-5.781	-5.501	-5.247
7451	74.50	-5.041	-4.887	-4.764	-4.632	-4.454	-4.207	-3.898	-3.555	-3.215	-2.904
7461	74.60	-2.629	-2.381	-2.135	-1.871	-1.575	-1.240	-0.858	-0.424	0.075	0.639
7471	74.70	1.258	1.904	2.536	3.121	3.643	4.116	4.571	5.045	5.548	6.059
7481	74.80	6.522	6.869	7.048	7.047	6.898	6.669	6.432	6.240	6.109	6.027
7491	74.90	5.969	5.923	5.902	5.935	6.050	6.245	6.477	6.664	6.710	6.546

Table 7-81-16

TABLE OF CORRECTED ACCELERATION RECORD

NO.16

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	6.150	5.569	4.897	4.251	3.729	3.387	3.227	3.202	3.243	3.270
7511	75.10	3.216	3.028	2.670	2.124	1.395	0.514	-0.461	-1.443	-2.336	-3.054
7521	75.20	-3.536	-3.769	-3.777	-3.623	-3.385	-3.147	-2.981	-2.943	-3.069	-3.369
7531	75.30	-3.822	-4.370	-4.926	-5.391	-5.670	-5.711	-5.516	-5.148	-4.715	-4.329
7541	75.40	-4.078	-3.995	-4.057	-4.198	-4.344	-4.434	-4.465	-4.382	-4.269	-4.130
7551	75.50	-3.977	-3.815	-3.649	-3.500	-3.403	-3.399	-3.510	-3.723	-3.982	-4.199
7561	75.60	-4.279	-4.149	-3.781	-3.189	-2.422	-1.539	-0.592	0.375	1.322	2.200
7571	75.70	2.949	3.511	3.851	3.990	4.007	4.029	4.183	4.553	5.134	5.832
7581	75.80	6.489	6.948	7.106	6.954	6.575	6.106	5.681	5.382	5.218	5.137
7591	75.90	5.064	4.939	4.738	4.479	4.198	3.925	3.672	3.432	3.201	2.989
7601	76.00	2.827	2.753	2.787	2.905	3.044	3.107	3.006	2.691	2.166	1.483
7611	76.10	0.716	-0.068	-0.830	-1.548	-2.207	-2.774	-3.191	-3.401	-3.375	-3.151
7621	76.20	-2.842	-2.618	-2.650	-3.054	-3.840	-4.903	-6.058	-7.095	-7.845	-8.221
7631	76.30	-8.227	-7.938	-7.458	-6.891	-6.315	-5.787	-5.349	-5.035	-4.873	-4.873
7641	76.40	-5.022	-5.277	-5.577	-5.860	-6.078	-6.206	-6.243	-6.200	-6.088	-5.923
7651	76.50	-5.724	-5.518	-5.344	-5.232	-5.189	-5.176	-5.107	-4.872	-4.375	-3.581
7661	76.60	-2.541	-1.386	-0.288	0.599	1.197	1.520	1.669	1.781	1.974	2.303
7671	76.70	2.752	3.251	3.721	4.108	4.401	4.626	4.813	4.979	5.109	5.173
7681	76.80	5.147	5.043	4.909	4.827	4.870	5.079	5.440	5.885	6.325	6.681
7691	76.90	6.916	7.042	7.112	7.187	7.308	7.480	7.673	7.838	7.931	7.932
7701	77.00	7.850	7.707	7.522	7.291	6.983	6.548	5.947	5.175	4.281	3.365
7711	77.10	2.559	1.985	1.713	1.740	1.976	2.273	2.466	2.421	2.073	1.438
7721	77.20	0.602	-0.315	-1.200	-1.976	-2.614	-3.122	-3.527	-3.846	-4.078	-4.209
7731	77.30	-4.224	-4.127	-3.951	-3.756	-3.605	-3.546	-3.589	-3.712	-3.863	-3.994
7741	77.40	-4.075	-4.112	-4.139	-4.202	-4.335	-4.543	-4.795	-5.041	-5.232	-5.340
7751	77.50	-5.376	-5.385	-5.429	-5.560	-5.796	-6.111	-6.435	-6.678	-6.749	-6.587
7761	77.60	-6.169	-5.520	-4.692	-3.761	-2.802	-1.885	-1.067	-0.390	0.122	0.465
7771	77.70	0.660	0.750	0.788	0.827	0.896	0.992	1.080	1.114	1.057	0.913
7781	77.80	0.734	0.610	0.643	0.912	1.438	2.180	3.047	3.932	4.743	5.427
7791	77.90	5.974	6.398	6.718	6.942	7.062	7.066	6.961	6.779	6.575	6.407
7801	78.00	6.311	6.285	6.282	6.235	6.079	5.781	5.348	4.826	4.275	3.747
7811	78.10	3.268	2.835	2.427	2.018	1.589	1.132	0.647	0.139	-0.385	-0.916
7821	78.20	-1.434	-1.917	-2.344	-2.704	-3.004	-3.268	-3.523	-3.783	-4.029	-4.213
7831	78.30	-6.277	-4.182	-3.940	-3.622	-3.346	-3.236	-3.372	-3.760	-4.323	-4.928
7841	78.40	-5.438	-5.762	-5.886	-5.868	-5.808	-5.799	-5.883	-6.041	-6.195	-6.251
7851	78.50	-6.128	-5.792	-5.264	-4.608	-3.910	-3.256	-2.711	-2.311	-2.062	-1.936
7861	78.60	-1.883	-1.834	-1.722	-1.494	-1.132	-0.661	-0.142	0.341	0.714	0.938
7871	78.70	1.027	1.044	1.083	1.240	1.576	2.104	2.778	3.505	4.174	4.681
7881	78.80	4.957	4.990	4.821	4.543	4.269	4.105	4.117	4.311	4.633	4.988
7891	78.90	5.273	5.420	5.415	5.305	5.172	5.095	5.111	5.193	5.261	5.211
7901	79.00	4.964	4.502	3.881	3.212	2.628	2.235	2.081	2.150	2.373	2.656
7911	79.10	2.910	3.065	3.079	2.926	2.597	2.096	1.442	0.678	-0.130	-0.904
7921	79.20	-1.570	-2.079	-2.415	-2.594	-2.656	-2.645	-2.605	-2.570	-2.573	-2.652
7931	79.30	-2.846	-3.183	-3.669	-4.271	-4.915	-5.508	-5.962	-6.222	-6.285	-6.190
7941	79.40	-5.998	-5.763	-5.506	-5.218	-4.875	-4.466	-4.015	-3.587	-3.264	-3.116
7951	79.50	-3.169	-3.388	-3.687	-3.966	-4.140	-4.177	-4.092	-3.939	-3.772	-3.622
7961	79.60	-3.476	-3.287	-2.994	-2.548	-1.932	-1.173	-0.329	0.521	1.295	1.925
7971	79.70	2.363	2.593	2.629	2.520	2.344	2.190	2.142	2.251	2.523	2.908
7981	79.80	3.322	3.668	3.871	3.900	3.783	3.591	3.418	3.349	3.438	3.690
7991	79.90	4.070	4.509	4.926	5.246	5.416	5.406	5.220	4.882	4.433	3.920

Table 7-81-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	3.388	2.876	2.413	2.022	1.722	1.528	1.443	1.455	1.528	1.602
8011	80.10	1.605	1.471	1.161	0.679	0.080	-0.553	-1.125	-1.564	-1.834	-1.949
8021	80.20	-1.958	-1.928	-1.924	-1.996	-2.169	-2.447	-2.819	-3.255	-3.713	-4.142
8031	80.30	-4.483	-4.688	-4.731	-4.618	-4.388	-4.102	-3.823	-3.594	-3.425	-3.296
8041	80.40	-3.170	-3.014	-2.815	-2.568	-2.366	-2.182	-2.055	-1.974	-1.903	-1.786
8051	80.50	-1.571	-1.221	-0.725	-0.108	0.581	1.274	1.892	2.364	2.635	2.679
8061	80.60	2.506	2.164	1.730	1.295	0.952	0.780	0.828	1.116	1.627	2.311
8071	80.70	3.086	3.851	4.693	4.915	5.059	4.918	4.549	4.057	3.566	3.184
8081	80.80	2.975	2.945	3.052	3.225	3.400	3.528	3.581	3.541	3.386	3.080
8091	80.90	2.591	1.903	1.047	0.102	-0.813	-1.576	-2.098	-2.353	-2.379	-2.261
8101	81.00	-2.091	-1.931	-1.799	-1.671	-1.508	-1.285	-1.013	-0.738	-0.529	-0.452
8111	81.10	-0.555	-0.860	-1.362	-2.037	-2.865	-3.718	-4.563	-5.257	-5.674	-5.713
8121	81.20	-5.339	-4.605	-3.653	-2.674	-1.857	-1.331	-1.130	-1.193	-1.400	-1.615
8131	81.30	-1.737	-1.711	-1.533	-1.216	-0.770	-0.190	0.531	1.380	2.305	3.205
8141	81.40	3.961	4.462	4.651	4.539	4.202	3.749	3.278	2.851	2.483	2.153
8151	81.50	1.836	1.522	1.228	0.987	0.824	0.744	0.715	0.692	0.629	0.510
8161	81.60	0.352	0.200	0.103	0.086	0.161	0.227	0.284	0.262	0.137	-0.084
8171	81.70	-0.375	-0.691	-1.008	-1.302	-1.558	-1.763	-1.898	-1.947	-1.903	-1.783
8181	81.80	-1.630	-1.505	-1.468	-1.559	-1.783	-2.105	-2.464	-2.793	-3.037	-3.169
8191	81.90	-3.187	-3.104	-2.945	-2.733	-2.491	-2.244	-2.024	-1.865	-1.792	-1.815
8201	82.00	-1.912	-2.032	-2.106	-2.063	-1.857	-1.477	-0.959	-0.377	0.182	0.637
8211	82.10	0.937	1.075	1.086	1.035	0.991	1.002	1.083	1.203	1.304	1.322
8221	82.20	1.214	0.979	0.663	0.342	0.097	-0.016	0.019	0.173	0.395	0.631
8231	82.30	0.869	1.041	1.221	1.404	1.591	1.763	1.895	1.965	1.975	1.952
8241	82.40	1.934	1.951	2.012	2.100	2.185	2.246	2.293	2.367	2.519	2.786
8251	82.50	3.157	3.568	3.918	4.110	4.091	3.877	3.553	3.241	3.051	3.045
8261	82.60	3.217	3.498	3.791	4.001	4.063	3.946	3.646	3.177	2.561	1.826
8271	82.70	1.017	0.194	-0.570	-1.206	-1.667	-1.942	-2.049	-2.033	-1.939	-1.804
8281	82.80	-1.658	-1.527	-1.449	-1.474	-1.652	-2.012	-2.540	-3.174	-3.813	-4.352
8291	82.90	-4.716	-4.885	-4.891	-4.802	-4.683	-4.571	-4.469	-4.360	-4.235	-4.112
8301	83.00	-4.037	-4.064	-4.225	-4.498	-4.803	-5.031	-5.074	-4.877	-4.449	-3.861
8311	83.10	-3.210	-2.582	-2.020	-1.527	-1.080	-0.668	-0.306	-0.042	0.065	-0.021
8321	83.20	-0.289	-0.676	-1.086	-1.423	-1.618	-1.649	-1.531	-1.295	-0.962	-0.536
8331	83.30	-0.007	0.627	1.334	2.048	2.674	3.119	3.328	3.305	3.114	2.854
8341	83.40	2.627	2.505	2.511	2.627	2.810	3.023	3.250	3.501	3.795	4.146
8351	83.50	4.543	4.950	5.311	5.574	5.703	5.701	5.599	5.448	5.304	5.211
8361	83.60	5.187	5.230	5.324	5.447	5.581	5.717	5.850	5.974	6.071	6.110
8371	83.70	6.047	5.838	5.451	4.885	4.169	3.368	2.561	1.822	1.199	0.702
8381	83.80	0.309	-0.021	-0.322	-0.605	-0.849	-1.015	-1.079	-1.029	-0.908	-0.792
8391	83.90	-0.775	-0.935	-1.310	-1.882	-2.590	-3.346	-4.065	-4.686	-5.179	-5.543
8401	84.00	-5.795	-5.963	-6.080	-6.180	-6.298	-6.464	-6.694	-6.983	-7.301	-7.604
8411	84.10	-7.848	-8.015	-8.114	-8.183	-8.261	-8.369	-8.489	-8.566	-8.529	-8.323
8421	84.20	-7.935	-7.413	-6.842	-6.321	-5.922	-5.670	-5.538	-5.466	-5.385	-5.245
8431	84.30	-5.015	-4.685	-4.249	-3.701	-3.037	-2.270	-1.436	-0.603	0.154	0.770
8441	84.40	1.219	1.523	1.737	1.926	2.132	2.362	2.590	2.786	2.945	3.097
8451	84.50	3.303	3.621	4.078	4.643	5.240	5.779	6.196	6.482	6.687	6.889
8461	84.60	7.148	7.473	7.808	8.061	8.149	8.040	7.780	7.474	7.242	7.164
8471	84.70	7.250	7.432	7.601	7.654	7.542	7.286	6.971	6.698	6.546	6.537
8481	84.80	6.629	6.736	6.756	6.611	6.260	5.709	4.997	4.181	3.320	2.465
8491	84.90	1.656	0.917	0.258	-0.319	-0.824	-1.269	-1.667	-2.027	-2.354	-2.654

Table 7-81-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1273 713-GR-1-5 HB. (HB.) YOSHIDAGAWA EHB. MAX. ACC. = 88.241 (GAL) T= 13.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-2.936	-3.219	-3.530	-3.899	-4.350	-4.892	-5.510	-6.169	-6.817	-7.401
8511	85.10	-7.877	-8.225	-8.448	-8.572	-8.636	-8.680	-8.729	-8.787	-8.833	-8.834
8521	85.20	-8.753	-8.574	-8.309	-8.003	-7.717	-7.503	-7.383	-7.330	-7.268	-7.098
8531	85.30	-6.730	-6.119	-5.285	-4.307	-3.305	-2.397	-1.665	-1.135	-0.784	-0.555
8541	85.40	-0.390	-0.252	-0.131	-0.036	0.028	0.073	0.139	0.284	0.563	1.001
8551	85.50	1.584	2.254	2.928	3.526	3.992	4.315	4.522	4.671	4.822	5.019
8561	85.60	5.281	5.596	5.936	6.267	6.563	6.810	7.004	7.142	7.222	7.234
8571	85.70	7.165	7.008	6.767	6.459	6.114	5.763	5.436	5.152	4.916	4.727
8581	85.80	4.579	4.462	4.371	4.294	4.216	4.115	3.968	3.758	3.476	3.129
8591	85.90	2.731	2.303	1.858	1.403	0.940	0.469	-0.000	-0.450	-0.855	-1.197
8601	86.00	-1.471	-1.689	-1.879	-2.069	-2.275	-2.493	-2.702	-2.877	-3.005	-3.099
8611	86.10	-3.192	-3.330	-3.547	-3.843	-4.185	-4.511	-4.759	-4.886	-4.890	-4.803
8621	86.20	-4.679	-4.566	-4.487	-4.436	-4.386	-4.309	-4.193	-4.054	-3.921	-3.823
8631	86.30	-3.763	-3.718	-3.633	-3.452	-3.139	-2.694	-2.170	-1.633	-1.164	-0.816
8641	86.40	-0.603	-0.494	-0.428	-0.334	-0.150	0.164	0.614	1.180	1.819	2.470
8651	86.50	3.071	3.563	3.913	4.114	4.197	4.219	4.246	4.327	4.474	4.657
8661	86.60	4.812	4.875	4.809	4.628	4.391	4.182	4.063	4.046	4.075	4.044
8671	86.70	3.844	3.413	2.770	2.020	1.315	0.800	0.556	0.566	0.730	0.901
8681	86.80	0.950	0.806	0.480	0.048	-0.393	-0.762	-1.027	-1.203	-1.330	-1.446
8691	86.90	-1.566	-1.678	-1.758	-1.793	-1.791	-1.783	-1.808	-1.893	-2.039	-2.226
8701	87.00	-2.418	-2.587	-2.724	-2.836	-2.938	-3.034	-3.114	-3.152	-3.122	-3.012
8711	87.10	-2.834	-2.616	-2.395	-2.194	-2.017	-1.848	-1.667	-1.464	-1.249	-1.048
8721	87.20	-0.890	-0.789	-0.736	-0.702	-0.654	-0.568	-0.447	-0.316	-0.205	-0.136
8731	87.30	-0.104	-0.078	-0.014	0.129	0.367	0.667	1.051	1.410	1.721	1.956
8741	87.40	2.107	2.187	2.218	2.231	2.256	2.318	2.428	2.577	2.729	2.833
8751	87.50	2.836	2.701	2.427	2.054	1.650	1.293	1.035	0.893	0.842	0.834
8761	87.60	0.825	0.791	0.738	0.689	0.664	0.656	0.634	0.550	0.361	0.055
8771	87.70	-0.344	-0.783	-1.207	-1.580	-1.897	-2.184	-2.469	-2.766	-3.059	-3.308
8781	87.80	-3.470	-3.525	-3.492	-3.426	-3.401	-3.476	-3.671	-3.961	-4.286	-4.575
8791	87.90	-4.779	-4.883	-4.911	-4.907	-4.916	-4.961	-5.035	-5.108	-5.139	-5.099
8801	88.00	-4.982	-4.806	-4.611	-4.443	-4.335	-4.291	-4.285	-4.263	-4.161	-3.926
8811	88.10	-3.534	-3.008	-2.407	-1.808	-1.281	-0.861	-0.535	-0.253	0.047	0.412
8821	88.20	0.842	1.293	1.691	1.966	2.085	2.067	1.981	1.912	1.935	2.080
8831	88.30	2.330	2.638	2.952	3.246	3.528	3.826	4.171	4.562	4.960	5.299
8841	88.40	5.508	5.552	5.444	5.249	5.056	4.938	4.922	4.973	5.011	4.943
8851	88.50	4.706	4.298	3.780	3.255	2.832	2.581	2.511	2.571	2.668	2.713
8861	88.60	2.648	2.475	2.245	2.040	1.937	1.976	2.143	2.374	2.581	2.675
8871	88.70	2.606	2.369	2.006	1.588	1.187	0.850	0.585	0.364	0.136	-0.145
8881	88.80	-0.507	-0.939	-1.398	-1.818	-2.137	-2.308	-2.317	-2.186	-1.958	-1.689
8891	88.90	-1.430	-1.215	-1.058	-0.957	-0.898	-0.866	-0.852	-0.852	-0.867	-0.900
8901	89.00	-0.947	-0.997	-1.027	-1.009	-0.912	-0.711	-0.402	-0.005	0.433	0.845
8911	89.10	1.159	1.319	1.306	1.142	0.900	0.672	0.547	0.584	0.788	1.120
8921	89.20	1.511	1.891	2.215	2.475	2.691	2.891	3.090	3.268	3.386	3.398
8931	89.30	3.280	3.045	2.745	2.442	2.189	2.001	1.859	1.727	1.583	1.439
8941	89.40	1.348	1.372	1.540	1.818	2.092	2.205	2.012	1.443	0.543	-0.531

Table 7-82-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-13.858	-14.559	-11.275	-4.656	3.220	9.618	12.274	10.362	4.857	-1.881
11	0.10	-7.138	-8.986	-7.041	-2.487	2.588	6.189	7.266	6.011	3.545	1.202
21	0.20	-0.163	-0.498	-0.369	-0.450	-1.011	-1.727	-1.912	-1.032	0.843	2.929
31	0.30	4.075	3.393	0.840	-2.604	-5.293	-5.675	-3.078	1.849	7.309	11.070
41	0.40	11.403	7.838	1.393	-5.822	-11.411	-13.587	-11.764	-6.663	0.066	6.487
51	0.50	11.016	12.820	11.906	8.923	4.846	0.668	-2.869	-5.057	-5.823	-5.097
61	0.60	-3.081	-0.176	3.043	5.883	7.636	7.735	5.923	2.399	-2.143	-6.612
71	0.70	-9.792	-10.706	-8.989	-5.080	-0.162	4.203	6.613	6.349	3.646	-0.412
81	0.80	-4.347	-6.888	-7.468	-6.366	-4.462	-2.735	-1.767	-1.514	-1.462	-1.047
91	0.90	-0.097	0.970	1.350	0.344	-2.117	-5.232	-7.562	-7.654	-4.787	0.559
101	1.00	6.750	11.607	13.295	11.109	5.784	-0.802	-6.391	-9.228	-8.673	-5.311
111	1.10	-0.572	3.925	6.978	8.127	7.604	6.038	4.090	2.207	0.577	-0.778
121	1.20	-1.859	-2.612	-2.951	-2.828	-2.302	-1.541	-0.757	-0.122	0.289	0.502
131	1.30	0.599	0.672	0.789	0.984	1.252	1.527	1.663	1.452	0.703	-0.613
141	1.40	-2.234	-3.575	-3.878	-2.519	0.627	4.962	9.238	11.940	11.877	8.717
151	1.50	3.208	-3.033	-8.105	-10.523	-9.740	-6.264	-1.363	3.481	7.078	8.797
161	1.60	8.537	6.507	3.027	-1.504	-6.492	-11.019	-13.899	-14.015	-10.835	-4.866
171	1.70	2.308	8.428	11.409	10.202	5.290	-1.672	-7.627	-11.154	-11.288	-8.723
181	1.80	-5.121	-2.195	-0.840	-0.764	-0.797	0.314	3.077	6.847	10.081	11.135
191	1.90	9.164	4.656	-0.711	-4.832	-6.186	-4.571	-1.204	1.882	2.828	0.859
201	2.00	-3.342	-7.957	-10.874	-10.649	-7.130	-1.492	4.307	8.346	9.480	7.689
211	2.10	3.941	-0.289	-3.597	-5.090	-4.544	-2.305	0.940	4.403	7.339	9.119
221	2.20	9.265	7.520	3.949	-0.958	-6.266	-10.724	-13.050	-12.313	-8.299	-1.715
231	2.30	5.873	12.397	15.885	15.110	10.092	2.235	-6.017	-11.926	-13.411	-9.840
241	2.40	-2.362	6.418	13.330	15.794	12.797	5.282	-4.199	-12.454	-16.825	-16.101
251	2.50	-10.821	-2.882	5.298	11.666	15.101	15.461	13.247	9.137	3.715	-2.491
261	2.60	-8.746	-13.894	-16.457	-15.119	-9.413	-0.256	10.042	18.410	22.110	19.868
271	2.70	12.361	2.203	-7.240	-13.076	-14.012	-10.751	-5.430	-0.750	1.374	0.437
281	2.80	-2.637	-6.125	-8.401	-8.628	-6.963	-4.235	-1.372	1.063	2.988	4.548
291	2.90	5.711	6.043	4.849	1.637	-3.340	-8.846	-12.938	-13.721	-10.255	-3.164
301	3.00	5.393	12.462	15.454	13.211	6.508	-2.243	-9.957	-14.079	-13.490	-8.765
311	3.10	-1.738	5.372	10.815	13.790	14.395	13.207	10.791	7.445	3.296	-1.381
321	3.20	-5.881	-9.086	-9.850	-7.586	-2.737	3.176	8.034	9.961	8.144	3.266
331	3.30	-2.831	-7.738	-9.682	-8.183	-4.231	0.212	3.129	3.348	1.018	-2.537
341	3.40	-5.473	-6.282	-4.431	-0.537	3.963	7.434	8.676	7.293	3.712	-1.075
351	3.50	-5.885	-9.649	-11.598	-11.332	-8.865	-4.654	0.395	5.042	7.996	8.337
361	3.60	5.910	1.510	-3.310	-6.780	-7.618	-5.591	-1.656	2.410	4.765	4.308
371	3.70	1.170	-3.333	-7.266	-8.906	-7.455	-3.337	2.031	6.860	9.695	9.914
381	3.80	7.823	4.389	0.780	-2.054	-3.611	-3.828	-2.945	-1.333	0.603	2.462
391	3.90	3.879	4.586	4.523	3.911	3.227	3.023	3.677	5.168	7.034	8.553
401	4.00	9.072	8.324	6.553	4.373	2.419	1.006	-0.031	-1.181	-2.884	-5.148
411	4.10	-7.399	-8.692	-8.203	-5.760	-2.085	1.414	3.255	2.614	-0.196	-3.785
421	4.20	-6.282	-6.228	-3.313	1.398	5.899	8.130	6.925	2.553	-3.381	-8.630
431	4.30	-11.255	-10.399	-6.558	-1.266	3.593	6.523	6.868	4.862	1.367	-2.632
441	4.40	-6.137	-8.478	-9.206	-8.097	-5.236	-1.118	3.283	6.667	7.802	6.034
451	4.50	1.694	-3.872	-8.719	-11.056	-10.005	-6.011	-0.680	3.902	6.069	5.275
461	4.60	2.262	-1.366	-3.943	-4.513	-3.199	-1.005	0.808	1.444	0.987	0.323
471	4.70	0.602	2.554	6.012	9.894	12.671	13.068	10.666	6.112	0.848	-3.489
481	4.80	-5.725	-5.551	-3.537	-0.795	1.530	2.679	2.474	1.242	-0.441	-2.018
491	4.90	-3.140	-3.701	-3.771	-3.487	-2.964	-2.258	-1.383	-0.339	0.843	2.066

Table 7-82-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	3.151	3.847	3.893	3.120	1.571	-0.432	-2.331	-3.519	-3.600	-2.627
511	5.10	-1.160	-0.093	-0.274	-2.068	-5.102	-8.320	-10.382	-10.245	-7.666	-3.372
521	5.20	1.193	4.462	5.395	3.902	0.837	-2.413	-4.538	-4.820	-3.337	-0.779
531	5.30	1.960	4.190	5.626	6.315	6.399	5.901	4.692	2.669	0.019	-2.633
541	5.40	-4.337	-4.188	-1.790	2.432	7.263	11.107	12.598	11.150	7.190	1.972
551	5.50	-2.918	-6.137	-6.994	-5.537	-2.377	1.627	5.632	8.919	10.896	11.080
561	5.60	9.190	5.330	0.170	-5.046	-8.783	-9.737	-7.417	-2.679	3.366	7.937
571	5.70	9.413	7.103	1.766	-4.655	-9.804	-11.858	-10.252	-5.862	-0.595	3.424
581	5.80	4.712	2.971	-0.881	-5.174	-8.195	-8.869	-7.008	-3.451	0.520	3.611
591	5.90	4.964	4.369	2.214	-0.747	-3.687	-5.937	-7.103	-7.071	-5.946	-3.975
601	6.00	-1.499	1.087	3.366	4.951	5.570	5.146	3.836	2.008	0.132	-1.372
611	6.10	-2.269	-2.568	-2.474	-2.240	-2.014	-1.738	-1.190	-0.141	1.427	3.191
621	6.20	4.520	4.712	3.339	0.548	-2.864	-5.683	-6.743	-5.450	-2.108	2.133
631	6.30	5.724	7.375	6.650	4.183	1.425	-0.017	0.856	3.920	7.911	10.939
641	6.40	11.316	8.334	2.639	-3.970	-9.231	-11.314	-9.528	-4.562	1.821	7.491
651	6.50	10.736	10.822	8.126	3.837	-0.586	-3.971	-5.760	-6.043	-5.325	-4.195
661	6.60	-3.065	-2.077	-1.197	-0.389	0.226	0.362	-0.306	-1.926	-4.287	-6.793
671	6.70	-8.619	-9.028	-7.692	-4.894	-1.480	1.426	2.859	2.404	0.381	-2.271
681	6.80	-4.368	-4.955	-3.685	-0.922	2.432	5.338	7.013	7.188	6.099	4.283
691	6.90	2.298	0.528	-0.852	-1.773	-2.140	-1.807	-0.695	1.018	2.765	3.680
701	7.00	2.926	0.140	-4.216	-8.838	-11.979	-12.149	-8.815	-2.781	3.999	9.125
711	7.10	10.716	8.210	2.643	-3.735	-8.357	-9.368	-6.345	-0.421	6.222	11.245
721	7.20	13.040	11.261	6.807	1.345	-3.387	-6.183	-6.662	-5.197	-2.588	0.305
731	7.30	2.834	4.630	5.535	5.488	4.471	2.551	-0.037	-2.827	-5.184	-6.466
741	7.40	-6.266	-4.587	-1.891	1.035	3.341	4.407	4.044	2.523	0.439	-1.532
751	7.50	-2.872	-3.350	-3.023	-2.117	-0.888	0.475	1.844	3.082	3.972	4.227
761	7.60	3.602	2.073	-0.033	-2.054	-3.203	-2.915	-1.162	1.422	3.729	4.630
771	7.70	3.517	0.656	-2.823	-5.370	-5.701	-3.428	0.689	5.013	7.729	7.666
781	7.80	4.847	0.500	-3.496	-5.471	-4.721	-1.802	1.773	4.291	4.668	2.942
791	7.90	0.212	-1.949	-2.285	-0.471	2.743	5.920	7.621	7.072	4.468	0.833
801	8.00	-2.489	-4.423	-4.557	-3.204	-1.152	0.726	1.801	1.835	0.939	-0.559
811	8.10	-2.241	-3.665	-4.406	-4.122	-2.688	-0.340	2.265	4.180	4.505	2.810
821	8.20	-0.553	-4.434	-7.253	-7.623	-4.985	0.047	5.817	10.207	11.437	8.762
831	8.30	2.773	-4.817	-11.796	-16.212	-16.991	-14.182	-8.816	-2.469	3.252	7.127
841	8.40	8.549	7.548	4.669	0.780	-3.139	-6.209	-7.833	-7.825	-6.439	-4.277
851	8.50	-2.084	-0.496	0.161	-0.054	-0.777	-1.539	-1.968	-1.924	-1.496	-0.891
861	8.60	-0.294	0.226	0.709	1.218	1.741	2.159	2.293	2.025	1.406	0.882
871	8.70	0.215	0.326	1.142	2.521	4.097	5.418	6.107	5.975	5.040	3.470
881	8.80	1.494	-0.656	-2.745	-4.503	-5.597	-5.673	-4.474	-1.984	1.454	5.144
891	8.90	8.177	9.690	9.155	6.584	2.571	-1.861	-5.568	-7.634	-7.657	-5.855
901	9.00	-2.962	0.051	2.327	3.437	3.395	2.754	2.140	2.022	2.463	3.107
911	9.10	3.375	2.802	1.331	-0.587	-2.155	-2.606	-1.606	0.516	2.847	4.267
921	9.20	3.960	1.810	-1.511	-4.833	-7.008	-7.429	-6.272	-4.370	-2.753	-2.124
931	9.30	-2.521	-3.337	-3.687	-2.907	-0.924	1.699	4.072	5.451	5.625	4.997
941	9.40	4.323	4.255	4.950	5.966	6.515	5.922	4.052	1.447	-0.911	-2.091
951	9.50	-1.705	-0.130	1.656	2.561	1.928	-0.127	-2.765	-4.824	-5.377	-4.163
961	9.60	-1.691	1.018	2.897	3.287	2.157	0.034	-2.294	-4.127	-5.090	-5.175
971	9.70	-4.628	-3.771	-2.875	-2.115	-1.590	-1.347	-1.363	-1.505	-1.508	-1.039
981	9.80	0.163	2.121	4.536	6.847	8.437	8.902	8.231	6.809	5.222	3.967
991	9.90	3.215	2.765	2.206	1.197	-0.302	-1.987	-3.381	-4.127	-4.221	-4.036

Table 7-82-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-4.112	-6.807	-6.025	-7.195	-7.537	-6.511	-4.191	-1.352	0.812	1.251
1011	10.10	-0.395	-3.526	-6.771	-8.562	-7.852	-4.624	0.050	4.443	6.904	6.557
1021	10.20	3.652	-0.584	-4.506	-6.751	-6.773	-4.975	-2.427	-0.326	0.539	0.083
1031	10.30	-1.131	-2.225	-2.445	-1.498	0.346	2.403	3.897	4.280	3.445	1.749
1041	10.40	-0.135	-1.469	-1.698	-0.631	1.517	4.200	6.716	8.422	8.920	8.167
1051	10.50	6.457	4.310	2.278	0.772	-0.057	-0.313	-0.249	-0.116	-0.029	0.077
1061	10.60	0.394	1.108	2.271	3.723	5.116	6.027	6.106	5.198	3.395	1.909
1071	10.70	-1.524	-3.750	-5.298	-5.939	-5.611	-4.417	-2.597	-0.482	1.563	3.212
1081	10.80	4.231	4.507	4.036	2.884	1.154	-1.020	-3.439	-5.792	-7.647	-8.514
1091	10.90	-8.003	-6.020	-2.913	0.536	3.303	4.473	3.608	0.981	-2.460	-5.413
1101	11.00	-6.722	-5.854	-3.150	0.281	2.994	3.794	2.236	-1.165	-5.124	-8.087
1111	11.10	-8.837	-6.974	-3.059	1.603	5.469	7.323	6.702	4.014	0.343	-2.988
1121	11.20	-4.890	-4.868	-3.124	-0.411	2.310	4.242	5.028	4.831	4.191	3.742
1131	11.30	3.907	4.701	5.726	6.372	6.118	4.823	2.845	0.940	-0.050	0.422
1141	11.40	2.312	4.934	7.179	7.957	6.652	3.420	-0.830	-4.765	-7.150	-7.347
1151	11.50	-5.563	-2.763	-0.261	0.823	0.022	-2.307	-5.155	-7.303	-7.838	-6.523
1161	11.60	-3.873	-0.919	1.233	1.855	0.872	-1.124	-3.132	-4.138	-3.491	-1.129
1171	11.70	2.416	6.213	9.224	10.604	9.905	7.167	2.885	-2.099	-6.763	-10.099
1181	11.80	-11.323	-10.070	-6.533	-1.492	3.818	8.001	9.891	8.926	5.363	0.249
1191	11.90	-4.898	-8.571	-9.780	-8.384	-5.117	-1.303	1.626	2.643	1.448	-1.477
1201	12.00	-5.112	-8.291	-10.100	-10.115	-8.437	-5.536	-2.036	1.479	4.546	6.819
1211	12.10	8.034	8.005	6.691	4.289	1.289	-1.584	-3.554	-4.050	-2.920	-0.513
1221	12.20	2.438	5.077	6.721	7.066	6.219	4.559	2.526	0.445	-1.511	-3.237
1231	12.30	-4.559	-5.163	-4.672	-2.851	0.158	3.719	6.830	8.458	7.984	5.520
1241	12.40	1.949	-1.393	-3.267	-3.080	-1.172	1.306	2.898	2.503	-0.093	-4.080
1251	12.50	-7.942	-10.106	-9.624	-6.587	-2.091	2.216	4.812	4.885	2.590	-1.105
1261	12.60	-4.876	-7.586	-8.665	-8.191	-6.708	-4.889	-3.250	-2.014	-1.165	-0.581
1271	12.70	-0.170	0.097	0.240	0.346	0.590	1.159	2.130	3.365	4.529	5.234
1281	12.80	5.256	4.694	3.986	3.734	4.415	6.125	8.476	10.720	12.042	11.882
1291	12.90	10.141	7.179	3.622	0.102	-2.955	-5.382	-7.186	-8.409	-9.029	-8.990
1301	13.00	-8.305	-7.169	-5.963	-5.120	-4.905	-5.235	-5.653	-5.511	-4.280	-1.848
1311	13.10	1.370	4.566	6.873	7.739	7.151	5.608	3.862	2.568	2.025	2.118
1321	13.20	2.476	2.710	2.609	2.163	1.455	0.507	-0.774	-2.493	-4.557	-6.509
1331	13.30	-7.555	-6.845	-3.897	1.033	6.880	12.075	15.141	15.310	12.857	8.966
1341	13.40	5.167	2.606	1.510	1.117	0.119	-2.597	-7.283	-13.083	-18.344	-21.335
1351	13.50	-21.059	-17.680	-12.548	-7.530	-4.243	-3.379	-4.488	-6.268	-7.212	-6.285
1361	13.60	-3.330	0.934	5.283	8.502	9.821	9.095	6.732	3.458	0.064	-2.759
1371	13.70	-4.486	-4.779	-3.502	-0.773	3.008	7.192	11.026	13.873	15.402	15.681
1381	13.80	15.086	14.104	13.111	12.246	11.456	10.649	9.856	9.281	9.180	9.636
1391	13.90	10.365	10.710	9.866	7.265	2.939	-2.350	-7.323	-10.666	-11.592	-10.198
1401	14.00	-7.448	-4.758	-3.369	-3.799	-5.621	-7.686	-8.674	-7.724	-4.837	-0.889
1411	14.10	2.756	4.839	4.727	2.640	-0.488	-3.452	-5.285	-5.629	-4.832	-3.748
1421	14.20	-3.365	-4.410	-7.081	-10.960	-15.122	-18.374	-19.548	-17.813	-12.920	-5.354
1431	14.30	3.670	12.400	18.927	21.679	19.889	13.881	5.055	-4.472	-12.447	-17.121
1441	14.40	-17.712	-14.552	-8.875	-2.349	3.460	7.516	9.483	9.653	8.674	7.236
1451	14.50	5.817	4.555	3.272	1.584	-0.920	-4.505	-9.141	-14.419	-19.554	-23.514
1461	14.60	-25.258	-24.042	-19.700	-12.785	-4.484	3.688	10.337	14.615	16.458	16.523
1471	14.70	15.869	15.389	15.586	16.213	16.512	15.593	12.905	8.565	3.414	-1.246
1481	14.80	-4.098	-4.269	-1.619	3.235	9.144	14.777	18.969	20.950	20.431	17.567
1491	14.90	12.887	7.200	1.509	-3.122	-5.766	-5.881	-3.533	0.518	4.937	8.167

Table 7-82-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	8.885	6.434	1.023	-6.365	-14.335	-21.547	-27.089	-30.609	-32.171	-31.953
1511	15.10	-29.979	-26.063	-20.017	-12.024	-2.961	5.564	11.555	13.293	10.048	2.533
1521	15.20	-7.149	-16.106	-21.611	-22.035	-17.408	-9.367	-0.547	6.360	9.466	8.181
1531	15.30	3.183	-4.012	-11.662	-18.272	-22.805	-24.618	-23.304	-18.621	-10.606	0.168
1541	15.40	12.389	24.064	32.921	37.077	35.712	29.430	20.133	10.389	2.570	-1.919
1551	15.50	-2.969	-1.577	0.762	2.760	3.806	4.025	3.958	4.107	4.614	5.262
1561	15.60	5.774	6.169	6.923	8.751	12.082	16.504	20.529	21.934	18.632	9.728
1571	15.70	-3.726	-18.702	-31.057	-36.953	-34.320	-23.707	-8.133	8.030	20.675	27.400
1581	15.80	28.149	24.840	20.183	16.294	13.750	11.527	7.792	1.131	-8.425	-19.106
1591	15.90	-27.998	-32.254	-30.359	-22.831	-12.059	-1.341	6.418	9.755	9.011	5.893
1601	16.00	2.510	0.362	-0.244	-0.136	-0.682	-3.000	-7.363	-13.068	-18.752	-22.959
1611	16.10	-24.648	-23.454	-19.634	-13.853	-6.963	0.097	6.308	10.605	12.059	10.227
1621	16.20	5.519	-0.631	-5.994	-8.194	-5.570	2.096	13.322	25.317	34.893	39.559
1631	16.30	38.338	32.016	22.724	13.100	5.374	0.754	-0.720	0.113	2.024	3.849
1641	16.40	6.731	4.167	1.947	-1.882	-6.977	-12.647	-17.909	-21.709	-23.278	-22.467
1651	16.50	-19.874	-16.650	-14.032	-12.807	-12.963	-13.716	-13.901	-12.550	-9.340	-4.714
1661	16.60	0.414	5.173	9.203	12.791	16.609	21.176	26.342	31.105	33.892	33.212
1671	16.70	28.385	19.990	9.803	0.217	-6.612	-9.545	-8.834	-5.958	-2.994	-1.808
1681	16.80	-3.372	-7.464	-12.814	-17.620	-20.204	-19.581	-15.763	-9.708	-2.964	2.885
1691	16.90	6.769	8.517	8.910	9.375	11.377	15.704	21.926	28.257	31.963	30.237
1701	17.00	21.286	5.241	-15.476	-36.532	-52.752	-59.590	-54.520	-37.909	-13.068	14.553
1711	17.10	38.800	54.457	58.623	51.435	35.940	17.146	0.539	-9.508	-10.981	-4.731
1721	17.20	5.908	16.291	22.042	20.532	11.749	-1.754	-15.801	-26.091	-29.712	-26.116
1731	17.30	-17.226	-6.657	1.603	4.576	1.226	-7.330	-18.323	-28.312	-34.239	-34.252
1741	17.40	-28.076	-16.949	-3.207	10.306	20.869	26.456	26.159	20.402	10.855	0.017
1751	17.50	-9.447	-15.486	-17.269	-15.419	-11.744	-8.558	-7.822	-10.471	-16.152	-23.482
1761	17.60	-39.681	-36.274	-39.576	-40.758	-40.531	-39.635	-38.414	-36.682	-33.919	-29.673
1771	17.70	-23.946	-17.331	-10.845	-5.512	-1.900	0.173	1.627	3.807	7.987	14.899
1781	17.80	24.451	35.710	47.150	57.033	63.811	66.429	64.485	58.259	48.643	37.017
1791	17.90	25.086	14.671	7.450	4.633	6.647	12.897	21.727	30.656	36.902	38.089
1801	18.00	32.964	21.861	6.735	-9.309	-22.890	-31.352	-33.548	-30.141	-23.289	-15.854
1811	18.10	-10.424	-8.534	-10.345	-14.869	-20.565	-26.002	-30.280	-33.061	-34.260	-33.646
1821	18.20	-30.639	-24.465	-14.638	-1.510	13.431	27.752	38.760	44.442	44.228	39.237
1831	18.30	31.825	24.600	19.307	16.078	13.393	8.788	0.043	-13.681	-31.220	-49.604
1841	18.40	-64.975	-73.877	-74.374	-66.573	-52.378	-34.626	-16.024	1.653	17.788	32.527
1851	18.50	46.027	57.745	66.177	69.194	64.884	52.536	33.315	10.314	-12.129	-29.606
1861	18.60	-38.905	-38.902	-30.761	-17.413	-2.529	10.610	19.946	24.926	26.220	25.074
1871	18.70	22.622	19.443	15.504	10.462	4.118	-3.207	-10.562	-16.581	-19.930	-19.777
1881	18.80	-16.118	-9.790	-2.198	5.140	11.054	14.983	16.969	17.385	16.546	14.404
1891	18.90	10.487	4.159	-4.896	-16.173	-28.091	-38.194	-43.806	-42.976	-35.346	-22.556
1901	19.00	-7.946	4.430	11.174	10.786	4.279	-5.127	-13.144	-16.001	-11.840	-1.390
1911	19.10	12.345	25.250	33.632	35.502	31.123	22.649	13.083	5.032	-0.221	-2.962
1921	19.20	-4.603	-6.808	-10.623	-15.975	-21.724	-26.184	-27.837	-25.936	-20.772	-13.545
1931	19.30	-5.960	0.289	3.964	4.561	2.384	-1.548	-5.749	-8.630	-8.932	-6.130
1941	19.40	-0.696	5.927	11.708	14.684	13.699	8.930	1.935	-4.837	-8.957	-8.985
1951	19.50	-5.097	0.928	6.396	8.815	6.981	1.583	-4.969	-9.613	-8.894	-2.089
1961	19.60	10.241	25.475	40.021	50.496	54.740	52.306	44.318	32.859	20.192	8.169
1971	19.70	-2.017	-9.735	-14.655	-16.569	-15.411	-11.463	-5.593	0.703	5.565	7.313
1981	19.80	5.057	-0.889	-9.030	-17.162	-23.138	-25.610	-24.445	-20.633	-15.760	-11.290
1991	19.90	-7.999	-5.800	-4.020	-1.957	0.590	3.085	4.462	3.654	0.186	-5.482

Table 7-82-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-12.068	-17.876	-21.679	-23.056	-22.618	-21.640	-21.393	-22.489	-24.531	-26.261
2011	20.10	-26.125	-23.000	-16.747	-8.343	0.471	7.855	12.563	14.362	14.017	12.893
2021	20.20	12.357	13.252	15.650	18.940	22.174	24.487	25.408	24.965	23.576	21.807
2031	20.30	20.134	18.780	17.674	16.517	14.903	12.467	9.023	4.671	-0.141	-4.644
2041	20.40	-7.886	-8.979	-7.419	-3.332	2.416	8.368	12.870	14.584	12.963	8.474
2051	20.50	2.480	-3.224	-7.031	-8.105	-6.673	-3.932	-1.597	-1.275	-3.878	-9.307
2061	20.60	-16.479	-23.693	-29.158	-31.507	-30.144	-25.323	-17.995	-9.490	-1.168	5.884
2071	20.70	11.027	14.109	15.383	15.336	14.479	13.170	11.491	9.255	6.114	1.752
2081	20.80	-3.912	-10.595	-17.650	-24.194	-29.329	-32.353	-32.894	-30.922	-26.666	-20.499
2091	20.90	-12.873	-4.320	4.497	12.768	19.623	24.337	26.594	26.677	25.472	24.216
2101	21.00	24.061	25.616	28.658	32.168	34.676	34.803	31.751	25.560	17.013	7.280
2111	21.10	-2.542	-11.749	-20.098	-27.617	-34.301	-39.883	-43.822	-45.514	-44.624	-41.332
2121	21.20	-36.363	-30.744	-25.410	-20.824	-16.798	-12.595	-7.276	-0.123	9.014	19.568
2131	21.30	30.337	39.735	46.107	48.047	44.684	35.907	22.532	6.334	-10.137	-23.999
2141	21.40	-32.696	-34.707	-30.059	-20.403	-8.557	2.372	9.983	13.322	13.051	10.994
2151	21.50	9.235	9.183	11.000	13.635	15.442	15.054	12.114	7.487	2.867	-0.040
2161	21.60	-0.370	1.427	3.744	4.533	2.279	-3.213	-10.592	-17.407	-21.060	-19.867
2171	21.70	-13.778	-4.472	5.242	12.455	15.214	13.213	7.835	1.573	-2.935	-3.889
2181	21.80	-0.949	4.699	10.850	15.135	15.905	12.825	6.986	0.501	-4.243	-5.415
2191	21.90	-2.372	4.120	12.129	19.174	23.006	22.295	17.015	8.414	-1.398	-10.104
2201	22.00	-15.840	-17.688	-15.822	-11.320	-5.721	-0.497	3.369	5.567	6.382	6.403
2211	22.10	6.180	5.958	5.595	4.688	2.813	-0.213	-4.187	-8.551	-12.569	-15.590
2221	22.20	-17.272	-17.689	-17.279	-16.667	-16.436	-16.920	-18.113	-19.682	-21.102	-21.841
2231	22.30	-21.542	-20.153	-17.943	-15.410	-13.085	-11.298	-9.985	-8.636	-6.423	-2.517
2241	22.40	3.518	11.395	20.006	27.644	32.507	33.339	29.934	23.320	15.483	8.726
2251	22.50	4.888	4.732	7.723	12.303	16.522	18.764	18.287	15.364	11.021	6.513
2261	22.60	2.788	0.163	-1.685	-3.454	-5.817	-9.078	-13.013	-16.923	-19.853	-20.886
2271	22.70	-19.410	-15.320	-9.105	-1.823	5.048	9.897	11.364	8.747	2.293	-6.746
2281	22.80	-16.383	-24.434	-29.174	-29.869	-26.980	-21.937	-16.566	-12.393	-10.091	-9.305
2291	22.90	-8.888	-7.444	-3.949	1.829	9.236	16.992	23.654	28.091	29.792	28.914
2301	23.00	26.117	22.275	18.198	14.460	11.347	8.902	7.023	5.546	4.308	3.182
2311	23.10	2.084	0.985	-0.105	-1.140	-2.045	-2.727	-3.061	-2.892	-2.055	-0.425
2321	23.20	1.990	4.961	8.001	10.419	11.487	10.674	7.861	3.445	-1.741	-6.658
2331	23.30	-10.392	-12.421	-12.738	-11.767	-10.139	-8.419	-6.925	-5.713	-4.704	-3.879
2341	23.40	-3.409	-3.656	-4.999	-7.623	-11.322	-15.460	-19.112	-21.319	-21.364	-18.949
2351	23.50	-14.230	-7.728	-0.178	7.588	14.698	20.270	23.470	23.659	20.622	14.793
2361	23.60	7.340	0.012	-5.284	-7.055	-4.741	1.063	8.678	16.087	21.453	23.835
2371	23.70	23.417	21.286	18.849	17.156	16.428	16.006	14.745	11.638	6.389	-0.356
2381	23.80	-7.240	-12.761	-15.926	-16.671	-15.857	-14.843	-14.855	-16.439	-19.258	-22.304
2391	23.90	-24.419	-24.838	-23.514	-21.079	-18.480	-16.503	-15.420	-14.930	-14.382	-13.165
2401	24.00	-11.010	-8.087	-4.838	-1.678	1.255	4.155	7.369	11.089	15.109	18.792
2411	24.10	21.306	22.005	20.794	18.248	15.434	13.486	13.134	14.393	16.564	18.536
2421	24.20	19.240	18.065	15.036	10.723	5.951	1.459	-2.317	-5.269	-7.480	-9.037
2431	24.30	-9.919	-10.022	-9.290	-7.866	-6.135	-4.622	-3.772	-3.729	-4.239	-4.742
2441	24.40	-4.641	-3.612	-1.805	0.168	1.486	1.491	0.014	-2.506	-5.180	-7.036
2451	24.50	-7.438	-6.361	-4.387	-2.436	-1.344	-1.494	-2.667	-4.180	-5.222	-5.237
2461	24.60	-4.141	-2.291	-0.222	1.694	3.475	5.497	8.231	11.849	15.939	19.495
2471	24.70	21.228	20.086	15.763	8.946	1.173	-5.662	-9.963	-10.977	-9.013	-5.253
2481	24.80	-1.256	1.632	2.730	2.170	0.730	-0.559	-0.843	0.231	2.407	4.919
2491	24.90	6.756	6.990	5.078	1.071	-4.337	-9.933	-14.300	-16.233	-15.148	-11.339

Table 7-82-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-5.950	-0.638	2.981	3.894	2.035	-1.742	-6.070	-9.655	-11.799	-12.582
2511	25.10	-12.659	-12.747	-13.113	-13.328	-12.437	-9.492	-6.161	2.899	10.145	15.698
2521	25.20	18.109	16.972	13.085	8.069	3.644	0.900	-0.084	-0.107	-0.307	-1.513
2531	25.30	-3.828	-6.652	-9.096	-10.528	-10.928	-10.844	-10.956	-11.581	-12.238	-11.851
2541	25.40	-9.244	-3.870	3.666	11.602	17.585	19.595	16.804	9.983	1.241	-6.769
2551	25.50	-11.853	-13.018	-10.682	-6.300	-1.628	1.998	4.053	4.771	4.754	6.512
2561	25.60	4.200	3.657	2.703	1.447	0.409	0.351	1.884	5.076	9.280	13.316
2571	25.70	15.930	16.330	14.533	11.356	8.050	5.756	5.030	5.663	6.856	7.638
2581	25.80	7.328	5.806	3.498	1.112	-0.722	-1.703	-1.899	-1.578	-0.959	-0.036
2591	25.90	1.403	3.575	6.432	9.476	11.802	12.371	10.428	5.857	-0.675	-7.877
2601	26.00	-14.251	-18.595	-20.396	-19.958	-18.223	-16.363	-15.314	-15.439	-16.434	-17.499
2611	26.10	-17.687	-16.289	-13.101	-8.496	-3.279	1.587	5.289	7.384	7.865	7.084
2621	26.20	5.574	3.854	2.298	1.092	0.290	-0.106	-0.076	0.424	1.407	2.781
2631	26.30	4.311	5.651	6.455	6.518	5.877	4.804	3.697	2.896	2.532	2.471
2641	26.40	2.409	2.065	1.371	0.556	0.047	0.229	1.186	2.559	3.631	3.642
2651	26.50	2.186	-0.490	-3.463	-5.444	-5.306	-2.602	2.161	7.664	12.275	14.713
2661	26.60	14.568	12.454	9.707	7.774	7.563	9.066	11.395	13.234	13.449	11.593
2671	26.70	8.059	3.845	0.053	-2.616	-4.131	-5.050	-6.166	-8.065	-10.832	-14.031
2681	26.80	-16.952	-18.977	-19.854	-19.757	-19.108	-18.273	-17.324	-15.986	-13.812	-10.688
2691	26.90	-6.109	-1.262	3.124	6.117	7.141	6.211	3.925	1.247	-0.841	-1.654
2701	27.00	-0.984	0.918	3.492	6.088	8.149	9.313	9.426	8.511	6.727	4.334
2711	27.10	1.674	-0.864	-2.907	-4.179	-4.568	-4.162	-3.220	-2.091	-1.106	-0.493
2721	27.20	-0.320	-0.506	-0.861	-1.148	-1.150	-0.710	0.230	1.614	3.279	4.985
2731	27.30	6.478	7.561	8.165	8.370	8.370	8.371	8.482	8.637	8.593	8.037
2741	27.40	6.739	4.709	2.261	-0.059	-1.646	-2.085	-1.323	0.266	2.001	3.127
2751	27.50	3.082	1.694	-0.772	-3.730	-6.485	-8.461	-9.360	-9.194	-8.220	-6.811
2761	27.60	-5.342	-4.122	-3.376	-3.255	-3.835	-5.084	-6.822	-8.705	-10.266	-11.036
2771	27.70	-10.689	-9.170	-6.732	-3.851	-1.060	1.251	2.953	4.183	5.208	6.233
2781	27.80	7.234	7.922	7.844	6.605	4.090	0.599	-3.205	-6.494	-8.566	-9.095
2791	27.90	-8.239	-6.557	-4.779	-3.520	-3.056	-3.256	-3.670	-3.740	-3.030	-1.405
2801	28.00	0.923	3.460	5.589	6.753	6.617	5.162	2.701	-0.182	-2.762	-4.354
2811	28.10	-4.493	-3.090	-0.485	2.619	5.346	6.907	6.854	5.220	2.507	-0.493
2821	28.20	-2.964	-4.324	-4.373	-3.288	-1.492	0.541	2.437	3.987	5.116	5.799
2831	28.30	6.007	5.707	4.923	3.805	2.651	1.834	1.675	2.296	3.556	5.100
2841	28.40	6.505	7.459	7.872	7.873	7.686	7.460	7.154	6.543	5.353	3.443
2851	28.50	0.942	-1.755	-4.141	-5.834	-6.766	-7.225	-7.710	-8.667	-10.224	-12.090
2861	28.60	-13.669	-14.240	-13.489	-11.518	-8.943	-6.638	-5.377	-5.509	-6.815	-8.600
2871	28.70	-9.975	-10.196	-8.918	-6.263	-2.708	1.134	4.726	7.724	9.975	11.429
2881	28.80	12.059	11.821	10.704	8.805	6.396	3.904	1.820	0.560	0.343	1.146
2891	28.90	2.744	4.821	7.071	9.266	11.249	12.876	13.965	14.289	13.634	11.907
2901	29.00	9.232	5.977	2.687	-0.078	-1.933	-2.802	-2.944	-2.842	-2.996	-3.692
2911	29.10	-6.861	-6.075	-6.714	-6.218	-4.351	-1.363	2.085	5.106	6.931	7.203
2921	29.20	6.125	4.383	2.869	2.317	2.999	4.607	6.384	7.437	7.106	5.225
2931	29.30	2.170	-1.319	-4.454	-6.699	-7.919	-8.340	-8.332	-8.172	-7.893	-7.308
2941	29.40	-6.187	-4.478	-2.450	-0.657	0.273	-0.080	-1.695	-4.070	-6.393	-7.854
2951	29.50	-7.962	-6.731	-4.641	-2.420	-0.742	0.019	-0.132	-0.900	-1.898	-2.841
2961	29.60	-3.667	-4.392	-5.184	-6.031	-6.779	-7.173	-6.986	-6.158	-4.855	-3.410
2971	29.70	-2.182	-1.382	-0.983	-0.742	-0.333	0.475	1.673	2.995	4.024	4.384
2981	29.80	3.932	2.857	1.635	0.860	1.003	2.217	4.257	6.557	8.432	9.329
2991	29.90	9.024	7.688	5.801	3.955	2.625	2.001	1.952	2.115	2.071	1.517

Table 7-82-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	0.360	-1.294	-3.239	-5.298	-7.387	-9.508	-11.651	-13.688	-15.330	-16.183
3011	30.10	-15.907	-14.394	-11.882	-8.921	-6.191	-4.238	-3.255	-2.993	-2.878	-2.276
3021	30.20	-0.789	1.544	4.244	6.584	7.900	7.872	6.664	4.860	3.226	2.422
3031	30.30	2.760	4.121	6.026	7.837	8.972	9.081	8.123	6.349	4.217	2.272
3041	30.40	1.018	0.799	1.697	3.490	5.683	7.633	8.760	8.755	7.732	6.215
3051	30.50	4.958	4.641	5.563	7.469	9.606	10.990	10.804	8.739	5.144	0.907
3061	30.60	-2.882	-5.341	-6.107	-5.416	-3.935	-2.431	-1.436	-1.055	-0.994	-0.778
3071	30.70	-0.043	1.239	2.707	3.739	3.712	2.260	-0.566	-4.300	-8.212	-11.533
3081	30.80	-13.676	-14.369	-13.681	-11.951	-9.665	-7.321	-5.326	-3.930	-3.209	-3.080
3091	30.90	-3.347	-3.768	-4.121	-4.258	-4.127	-3.754	-3.189	-2.447	-1.472	-0.150
3101	31.00	1.625	3.864	6.404	8.901	10.892	11.935	11.767	10.420	8.244	5.816
3111	31.10	3.754	2.513	2.221	2.646	3.289	3.592	3.176	2.014	0.469	-0.819
3121	31.20	-1.190	-0.234	1.997	4.949	7.717	9.352	9.203	7.180	3.819	0.117
3131	31.30	-2.807	-4.105	-3.503	-1.387	1.352	3.660	4.709	4.186	2.374	-0.010
3141	31.40	-2.137	-3.410	-3.701	-3.382	-3.142	-3.681	-5.407	-8.251	-11.684	-14.902
3151	31.50	-17.114	-17.813	-16.928	-14.818	-12.116	-9.491	-7.432	-6.110	-5.374	-4.855
3161	31.60	-4.139	-2.944	-1.226	0.727	2.721	4.098	4.588	4.070	2.678	0.751
3171	31.70	-1.288	-3.066	-4.362	-5.145	-5.526	-5.666	-5.668	-5.521	-5.104	-4.255
3181	31.80	-2.877	-1.009	1.150	3.293	5.104	6.352	6.963	7.022	6.722	6.295
3191	31.90	5.943	5.806	5.969	6.385	7.089	7.962	8.928	9.856	10.637	11.210
3201	32.00	11.584	11.825	12.001	12.111	12.039	11.555	10.406	8.430	5.677	2.450
3211	32.10	-0.762	-3.432	-5.168	-5.839	-5.589	-4.750	-3.694	-2.705	-1.939	-1.466
3221	32.20	-1.356	-1.738	-2.770	-4.532	-6.885	-9.418	-11.520	-12.591	-12.308	-10.801
3231	32.30	-8.658	-6.698	-5.635	-5.747	-6.743	-7.871	-8.261	-7.314	-4.985	-1.810
3241	32.40	1.333	3.604	4.549	4.256	3.256	2.231	1.688	1.757	2.199	2.605
3251	32.50	2.661	2.335	1.893	1.736	2.158	3.159	4.400	5.341	5.478	4.568
3261	32.60	2.742	0.459	-1.674	-3.118	-3.571	-3.022	-1.707	0.016	1.788	3.343
3271	32.70	4.540	5.353	5.833	6.062	6.105	5.973	5.606	4.893	3.729	2.096
3281	32.80	0.136	-1.843	-3.440	-4.309	-4.313	-3.620	-2.660	-1.950	-1.856	-2.396
3291	32.90	-3.201	-3.670	-3.256	-1.755	0.543	2.944	4.642	5.092	4.278	2.743
3301	33.00	1.361	0.939	1.842	3.823	6.125	7.823	8.234	7.210	5.186	2.968
3311	33.10	1.387	0.953	1.696	3.203	4.831	5.972	6.238	5.533	3.994	1.887
3321	33.20	-0.474	-2.770	-4.676	-5.884	-6.161	-5.447	-3.935	-2.069	-0.429	0.460
3331	33.30	0.335	-0.705	-2.233	-3.672	-4.525	-4.551	-3.824	-2.653	-1.423	-0.455
3341	33.40	0.062	0.049	-0.523	-1.666	-3.337	-5.356	-7.335	-8.723	-8.965	-7.756
3351	33.50	-5.249	-2.101	0.701	2.200	1.861	-0.189	-3.184	-6.021	-7.717	-7.800
3361	33.60	-6.474	-4.488	-2.767	-1.993	-2.337	-3.431	-4.593	-5.159	-4.755	-3.396
3371	33.70	-1.401	0.819	2.931	4.753	6.193	7.137	7.390	6.735	5.092	2.686
3381	33.80	0.091	-1.896	-2.553	-1.544	0.882	3.935	6.567	7.860	7.363	5.217
3391	33.90	2.024	-1.464	-4.671	-7.376	-9.682	-11.799	-13.795	-15.452	-16.320	-15.938
3401	34.00	-14.107	-11.054	-7.398	-3.918	-1.244	0.391	1.195	1.657	2.259	3.215
3411	34.10	4.370	5.305	5.600	5.096	4.043	3.016	2.672	3.436	5.294	7.784
3421	34.20	10.189	11.861	12.489	12.211	11.509	10.945	10.870	11.256	11.720	11.730
3431	34.30	10.882	9.115	6.747	4.324	2.367	1.138	0.548	0.254	-0.116	-0.733
3441	34.40	-1.451	-1.886	-1.665	-0.590	1.008	2.512	3.171	2.457	0.341	-2.642
3451	34.50	-5.563	-7.448	-7.648	-6.077	-3.217	0.091	2.963	4.764	5.255	4.581
3461	34.60	3.133	1.378	-0.259	-1.460	-2.011	-1.921	-1.263	-0.406	0.119	-0.268
3471	34.70	-1.967	-4.977	-8.786	-12.474	-15.012	-15.658	-14.268	-11.361	-7.904	-4.888
3481	34.80	-2.912	-1.969	-1.551	-1.004	0.033	1.374	2.340	2.132	0.317	-2.815
3491	34.90	-6.236	-8.549	-8.580	-5.921	-1.155	4.334	8.911	11.324	11.160	8.925

Table 7-82-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	5.749	2.870	1.155	0.843	1.595	2.758	3.697	4.017	3.627	2.658
3511	35.10	1.338	-0.086	-1.354	-2.176	-2.248	-1.358	0.469	2.857	5.111	6.416
3521	35.20	6.161	4.239	1.173	-2.018	-4.181	-4.481	-2.750	0.633	3.943	6.543
3531	35.30	7.335	6.078	3.247	-0.176	-3.062	-4.521	-4.161	-2.171	0.798	3.860
3541	35.40	6.169	7.149	6.624	4.823	2.280	-0.367	-2.484	-3.796	-4.251	-4.080
3551	35.50	-3.640	-3.251	-3.083	-3.126	-3.273	-3.409	-3.520	-3.686	-4.002	-4.463
3561	35.60	-4.899	-5.005	-4.491	-3.253	-1.500	0.273	1.467	1.640	0.727	-0.897
3571	35.70	-2.560	-3.572	-3.528	-2.473	-0.872	0.615	1.429	1.340	0.506	-0.649
3581	35.80	-1.660	-2.239	-2.364	-2.231	-2.099	-2.129	-2.297	-2.421	-2.268	-1.668
3591	35.90	-0.585	0.880	2.546	4.199	5.618	6.572	6.821	6.156	4.491	1.967
3601	36.00	-0.999	-3.765	-5.642	-6.131	-5.123	-2.975	-0.398	1.798	2.999	3.010
3611	36.10	2.100	0.874	0.010	-0.004	0.957	2.630	4.491	5.957	6.594	6.247
3621	36.20	5.068	3.453	1.904	0.872	0.624	1.164	2.235	3.409	4.226	4.363
3631	36.30	3.745	2.569	1.213	0.070	-0.631	-0.913	-1.019	-1.260	-1.817	-2.600
3641	36.40	-3.245	-3.272	-2.321	-0.375	2.167	4.600	6.170	6.372	5.150	2.912
3651	36.50	0.367	-1.747	-2.915	-2.979	-2.118	-0.723	0.767	1.976	2.626	2.511
3661	36.60	1.486	-0.513	-3.395	-6.845	-10.315	-13.126	-14.658	-14.570	-12.939	-10.267
3671	36.70	-7.324	-4.899	-3.547	-3.434	-4.326	-5.708	-6.973	-7.610	-7.317	-6.039
3681	36.80	-3.945	-1.352	1.341	3.735	5.508	6.482	6.680	6.323	5.774	5.417
3691	36.90	5.529	6.182	7.220	8.338	9.210	9.615	9.513	9.023	8.341	7.631
3701	37.00	6.958	6.273	5.469	4.451	3.181	1.681	0.014	-1.753	-3.544	-5.248
3711	37.10	-6.680	-7.585	-7.704	-6.879	-5.166	-2.873	-0.491	1.466	2.651	3.016
3721	37.20	2.814	2.466	2.355	2.654	3.266	3.914	4.324	4.396	4.274	4.258
3731	37.30	4.614	5.372	6.248	6.727	6.292	4.689	2.086	-0.951	-3.684	-5.506
3741	37.40	-6.198	-6.003	-5.487	-5.257	-5.661	-6.635	-7.749	-8.436	-8.286	-7.257
3751	37.50	-5.701	-4.202	-3.300	-3.248	-3.915	-4.881	-5.667	-5.986	-5.888	-5.718
3761	37.60	-5.922	-6.787	-8.249	-9.869	-10.991	-11.014	-9.651	-7.063	-3.792	-0.541
3771	37.70	2.101	3.877	4.902	5.544	6.194	7.050	8.016	8.771	8.961	8.409
3781	37.80	7.251	5.896	4.857	4.508	4.906	5.754	6.540	6.774	6.214	4.979
3791	37.90	3.478	2.217	1.553	1.542	1.931	2.296	2.257	1.650	0.577	-0.675
3801	38.00	-1.793	-2.585	-3.034	-3.244	-3.321	-3.275	-3.015	-2.436	-1.550	-0.568
3811	38.10	0.140	0.206	-0.512	-1.793	-3.063	-3.603	-2.863	-0.736	2.339	5.526
3821	38.20	7.921	8.931	8.511	7.167	5.698	4.822	4.855	5.595	6.457	6.783
3831	38.30	6.178	4.691	2.771	1.036	-0.033	-0.312	-0.054	0.260	0.183	-0.493
3841	38.40	-1.660	-2.990	-4.120	-4.829	-5.112	-5.123	-5.049	-4.996	-4.959	-4.893
3851	38.50	-4.823	-4.912	-5.415	-6.535	-8.237	-10.152	-11.665	-12.086	-11.000	-8.466
3861	38.60	-5.062	-1.684	0.796	1.884	1.655	0.694	-0.180	-0.283	0.644	2.356
3871	38.70	4.256	5.689	6.232	5.849	4.839	3.642	2.615	1.897	1.424	1.072
3881	38.80	0.809	0.771	1.188	2.214	3.752	5.404	6.587	6.785	5.815	3.965
3891	38.90	1.910	0.443	0.124	1.018	2.657	4.239	4.982	4.454	2.741	0.370
3901	39.00	-1.954	-3.670	-4.574	-4.835	-4.833	-4.913	-5.195	-5.538	-5.664	-5.346
3911	39.10	-4.561	-3.509	-2.489	-1.720	-1.219	-0.792	-0.184	0.738	1.851	2.791
3921	39.20	3.122	2.571	1.205	-0.563	-2.132	-2.985	-2.912	-2.090	-0.962	0.007
3931	39.30	0.572	0.807	1.030	1.576	2.570	3.813	4.859	5.245	4.736	3.476
3941	39.40	1.928	0.662	0.078	0.224	0.795	1.315	1.390	0.905	0.055	-0.795
3951	39.50	-1.336	-1.500	-1.492	-1.659	-2.274	-3.365	-4.684	-5.844	-6.538	-6.718
3961	39.60	-6.628	-6.652	-7.081	-7.900	-8.751	-9.076	-8.395	-6.562	-3.868	-0.930
3971	39.70	1.578	3.216	3.949	4.107	4.165	4.474	5.080	5.730	6.052	5.811
3981	39.80	5.081	4.254	3.853	4.273	5.558	7.364	9.097	10.187	10.332	9.607
3991	39.90	8.390	7.146	6.197	5.582	5.081	4.373	3.237	1.683	-0.048	-1.593

Table 7-82-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-2.647	-3.082	-2.987	-2.588	-2.131	-1.777	-1.563	-1.439	-1.336	-1.208
4011	40.10	-1.048	-0.844	-0.557	-0.119	0.518	1.312	2.101	2.638	2.699	2.208
4021	40.20	1.317	0.374	-0.212	-0.168	0.693	1.447	2.180	2.219	1.351	-0.260
4031	40.30	-2.136	-3.693	-4.509	-4.513	-4.012	-3.547	-3.629	-4.499	-6.009	-7.684
4041	40.40	-8.931	-9.304	-8.698	-7.391	-5.926	-4.888	-4.672	-5.343	-6.632	-8.058
4051	40.50	-9.114	-9.446	-8.956	-7.794	-6.283	-4.787	-3.594	-2.847	-2.525	-2.484
4061	40.60	-2.527	-2.479	-2.238	-1.798	-1.230	-0.641	-0.110	0.347	0.796	1.357
4071	40.70	2.143	3.195	4.432	5.652	6.579	6.951	6.628	5.652	4.265	2.854
4081	40.80	1.839	1.545	2.101	3.383	5.045	6.612	7.616	7.738	6.905	5.318
4091	40.90	3.400	1.665	0.558	0.319	0.904	2.005	3.169	3.961	4.125	3.681
4101	41.00	2.908	2.222	2.007	2.442	3.422	4.584	5.451	5.617	4.918	3.503
4111	41.10	1.785	0.288	-0.541	-0.496	0.332	1.597	2.844	3.674	3.882	3.505
4121	41.20	2.779	2.020	1.487	1.282	1.317	1.363	1.153	0.506	-0.585	-1.932
4131	41.30	-3.205	-4.043	-4.190	-3.595	-2.450	-1.137	-0.107	0.275	-0.137	-1.218
4141	41.40	-2.614	-3.870	-4.599	-4.631	-4.076	-3.275	-2.667	-2.604	-3.205	-4.292
4151	41.50	-5.448	-6.160	-6.010	-4.830	-2.770	-0.252	2.163	3.949	4.771	4.568
4161	41.60	3.541	2.070	0.588	-0.547	-1.130	-1.134	-0.677	0.040	0.810	1.469
4171	41.70	1.916	2.112	2.047	1.716	1.116	0.257	-0.808	-1.957	-2.993	-3.681
4181	41.80	-3.814	-3.298	-2.207	-0.796	0.565	1.498	1.744	1.258	0.223	-1.014
4191	41.90	-2.072	-2.678	-2.756	-2.438	-1.993	-1.701	-1.734	-2.085	-2.584	-2.970
4201	42.00	-3.002	-2.550	-1.637	-0.431	0.816	1.835	2.413	2.429	1.890	0.920
4211	42.10	-0.251	-1.337	-2.071	-2.290	-2.007	-1.439	-0.950	-0.924	-1.602	-2.951
4221	42.20	-4.625	-6.067	-6.706	-6.196	-4.581	-2.307	-0.074	1.438	1.833	1.160
4231	42.30	-0.114	-1.311	-1.825	-1.373	-0.101	1.511	2.872	3.550	3.453	2.842
4241	42.40	2.188	1.943	2.327	3.237	4.306	5.082	5.230	4.678	3.630	2.466
4251	42.50	1.566	1.160	1.250	1.643	2.063	2.294	2.268	2.091	1.973	2.118
4261	42.60	2.616	3.387	4.193	4.724	4.712	4.040	2.798	1.269	-0.156	-1.111
4271	42.70	-1.378	-0.971	-0.137	0.730	1.233	1.127	0.423	-0.608	-1.538	-1.949
4281	42.80	-1.614	-0.604	0.724	1.855	2.319	1.877	0.619	-1.073	-2.675	-3.726
4291	42.90	-3.986	-3.506	-2.561	-1.507	-0.627	-0.035	0.315	0.542	0.723	0.823
4301	43.00	0.705	0.225	-0.656	-1.798	-2.900	-3.612	-3.692	-3.122	-2.136	-1.133
4311	43.10	-0.507	-0.483	-1.029	-1.884	-2.680	-3.113	-3.064	-2.623	-2.027	-1.525
4321	43.20	-1.268	-1.255	-1.362	-1.424	-1.320	-1.019	-0.565	-0.026	0.552	1.157
4331	43.30	1.777	2.360	2.794	2.933	2.679	2.064	1.290	0.688	0.596	1.215
4341	43.40	2.498	4.138	5.670	6.640	6.772	6.070	4.793	3.346	2.110	1.316
4351	43.50	0.987	0.971	1.035	0.974	0.673	0.131	-0.574	-1.321	-1.995	-2.507
4361	43.60	-2.806	-2.898	-2.842	-2.756	-2.780	-3.027	-3.516	-4.131	-4.633	-4.733
4371	43.70	-4.213	-3.026	-1.351	0.463	2.017	3.015	3.379	3.261	2.961	2.778
4381	43.80	2.880	3.235	3.648	3.863	3.691	3.087	2.157	1.102	0.130	-0.608
4391	43.90	-1.039	-1.149	-0.965	-0.545	0.004	0.510	0.743	0.486	-0.372	-1.742
4401	44.00	-3.313	-4.631	-5.260	-4.965	-3.827	-2.235	-0.742	0.154	0.205	-0.505
4411	44.10	-1.628	-2.730	-3.491	-3.829	-3.885	-3.902	-4.055	-4.331	-4.560	-4.422
4421	44.20	-3.819	-2.790	-1.610	-0.649	-0.187	-0.261	-0.636	-0.913	-0.734	0.026
4431	44.30	1.173	2.261	2.789	2.441	1.242	-0.428	-1.981	-2.857	-2.756	-1.745
4441	44.40	-0.219	1.274	2.256	2.499	2.090	1.367	0.752	0.579	0.966	1.791
4451	44.50	2.761	3.543	3.896	3.755	3.239	2.591	2.075	1.870	2.006	2.358
4461	44.60	2.693	2.767	2.418	1.636	0.570	-0.519	-1.361	-1.773	-1.755	-1.395
4471	44.70	-1.001	-0.793	-0.892	-1.233	-1.581	-1.625	-1.110	0.040	1.668	3.416
4481	44.80	4.844	5.577	5.435	4.491	3.037	1.477	0.194	-0.568	-0.758	-0.500
4491	44.90	-0.029	0.403	0.600	0.470	0.021	-0.665	-1.470	-2.280	-2.999	-3.559

Table 7-82-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-3.905	-3.982	-3.726	-3.067	-1.954	-0.388	1.532	3.583	5.433	6.700
4511	45.10	7.053	6.331	4.630	2.311	-0.073	-1.935	-2.841	-2.651	-1.565	-0.047
4521	45.20	1.352	2.189	2.287	1.776	1.015	0.430	0.337	0.818	1.702	2.638
4531	45.30	3.236	3.199	2.412	0.960	-0.916	-2.888	-4.626	-5.857	-6.413	-6.255
4541	45.40	-5.489	-4.353	-3.172	-2.281	-1.930	-2.195	-2.948	-3.889	-4.650	-4.924
4551	45.50	-4.566	-3.638	-2.367	-1.044	0.073	0.838	1.214	1.239	0.966	0.439
4561	45.60	-0.290	-1.110	-1.818	-2.143	-1.826	-0.752	0.953	2.908	4.575	5.454
4571	45.70	5.281	4.158	2.528	1.008	0.139	0.166	0.939	1.995	2.774	2.877
4581	45.80	2.256	1.233	0.354	0.135	0.814	2.232	3.883	5.121	5.431	4.642
4591	45.90	2.998	1.045	-0.592	-1.472	-1.500	-0.944	-0.296	-0.042	-0.450	-1.456
4601	46.00	-2.699	-3.685	-3.997	-3.475	-2.275	-0.800	0.459	1.117	1.023	0.288
4611	46.10	-0.798	-1.908	-2.807	-3.431	-3.661	-4.231	-4.625	-4.997	-5.182	-4.967
4621	46.20	-4.211	-2.934	-1.357	0.151	1.189	1.451	0.834	-0.532	-2.318	-4.093
4631	46.30	-5.441	-6.053	-5.790	-4.692	-2.952	-0.865	1.236	3.034	4.285	4.651
4641	46.40	4.715	3.971	2.795	1.404	0.017	-1.172	-2.003	-2.354	-2.149	-1.372
4651	46.50	-0.093	1.513	3.179	4.584	5.454	5.624	5.127	4.183	3.128	2.308
4661	46.60	1.950	2.096	2.604	3.222	3.703	3.907	3.837	3.611	3.395	3.297
4671	46.70	3.335	3.429	3.457	3.312	2.953	2.403	1.729	1.000	0.272	-0.411
4681	46.80	-0.993	-1.396	-1.533	-1.354	-0.891	-0.276	0.290	0.612	0.586	0.251
4691	46.90	-0.234	-0.668	-0.924	-1.014	-1.085	-1.334	-1.879	-2.678	-3.524	-4.155
4701	47.00	-4.403	-4.310	-4.134	-4.223	-4.807	-5.829	-6.904	-7.451	-6.968	-5.306
4711	47.10	-2.803	-0.203	1.639	2.132	1.233	-0.498	-2.120	-2.701	-1.719	0.720
4721	47.20	3.936	6.979	9.021	9.672	9.063	7.697	6.156	4.820	3.748	2.749
4731	47.30	1.599	0.256	-1.054	-1.931	-2.026	-1.268	0.040	1.315	1.945	1.571
4741	47.40	0.263	-1.510	-3.091	-3.930	-3.818	-2.950	-1.793	-0.852	-0.433	-0.545
4751	47.50	-0.962	-1.401	-1.710	-1.953	-2.353	-3.127	-4.302	-5.636	-6.683	-6.982
4761	47.60	-6.278	-4.659	-2.536	-0.473	1.054	1.859	2.096	2.159	2.463	3.226
4771	47.70	4.361	5.511	6.233	6.210	5.415	4.128	2.818	1.937	1.736	2.160
4781	47.80	2.993	3.811	4.347	4.502	4.354	4.064	3.736	3.330	2.674	1.579
4791	47.90	-0.013	-1.918	-3.714	-4.883	-5.022	-4.044	-2.259	-0.292	1.145	1.531
4801	48.00	0.746	-0.883	-2.719	-4.085	-4.540	-4.062	-3.036	-2.084	-1.790	-2.461
4811	48.10	-4.004	-5.970	-7.733	-8.711	-8.553	-7.216	-4.927	-2.084	0.872	3.534
4821	48.20	5.581	6.791	7.065	6.457	5.213	3.756	2.602	2.203	2.761	4.096
4831	48.30	5.653	6.663	6.439	4.671	1.618	-1.930	-4.915	-6.419	-6.065	-4.106
4841	48.40	-1.521	0.561	1.260	0.359	-1.567	-3.407	-4.025	-2.840	-0.196	2.680
4851	48.50	4.147	2.877	-1.455	-7.869	-14.202	-18.036	-17.464	-12.014	-2.933	7.158
4861	48.60	15.163	18.624	16.592	9.935	0.967	-7.431	-12.825	-13.982	-11.102	-5.504
4871	48.70	1.014	6.846	10.991	13.116	13.345	11.973	9.306	5.674	1.563	-2.304
4881	48.80	-5.085	-6.120	-5.288	-3.203	-1.068	-0.196	-1.383	-4.444	-8.172	-10.804
4891	48.90	-10.811	-7.654	-2.132	3.878	8.206	9.339	7.091	2.682	-1.844	-4.556
4901	49.00	-4.499	-2.061	1.321	3.959	4.795	3.928	2.509	2.083	3.697	7.258
4911	49.10	11.464	14.358	14.253	10.556	4.097	-3.197	-9.138	-12.208	-12.152	-9.965
4921	49.20	-7.305	-5.627	-5.482	-6.296	-6.729	-5.417	-1.731	3.807	9.658	13.857
4931	49.30	14.809	11.936	5.893	-1.679	-8.760	-13.622	-15.320	-13.850	-9.967	-4.812
4941	49.40	0.495	5.123	8.636	10.932	12.139	12.477	12.192	11.507	10.593	9.541
4951	49.50	8.337	6.877	5.027	2.727	0.100	-2.508	-4.587	-5.636	-5.386	-3.988
4961	49.60	-2.061	-0.554	-0.442	-2.352	-6.268	-11.435	-16.539	-20.123	-21.094	-19.145
4971	49.70	-14.921	-9.830	-5.563	-3.475	-4.066	-6.757	-10.071	-12.164	-11.505	-7.468
4981	49.80	-0.591	7.582	15.022	19.900	21.173	18.856	13.923	7.880	2.230	-1.974
4991	49.90	-4.324	-4.968	-4.335	-2.832	-0.666	2.139	5.567	9.388	13.049	15.734

Table 7-82-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	16.615	15.183	11.506	6.302	0.760	-3.833	-6.521	-7.010	-5.756	-3.783
5011	50.10	-2.290	-2.199	-3.802	-6.663	-9.789	-12.018	-12.466	-10.838	-7.538	-3.658
5021	50.20	0.380	3.222	4.832	5.496	5.789	6.229	6.976	7.737	7.913	6.928
5031	50.30	4.573	1.199	-2.345	-5.009	-5.947	-4.847	-2.042	1.640	5.198	7.816
5041	50.40	9.076	8.990	7.844	5.992	3.713	1.200	-1.349	-3.622	-5.184	-5.592
5051	50.50	-4.605	-2.364	0.580	3.425	5.428	6.192	5.817	4.798	3.731	2.978
5061	50.60	2.456	1.690	0.100	-2.616	-6.202	-9.835	-12.403	-12.966	-11.172	-7.432
5071	50.70	-2.768	1.597	4.718	6.259	6.528	6.232	6.090	6.483	7.322	8.146
5081	50.80	8.394	7.679	5.948	3.450	0.587	-2.271	-4.879	-7.102	-8.820	-9.848
5091	50.90	-9.951	-8.954	-6.905	-4.162	-1.356	0.805	1.791	1.459	0.103	-1.672
5101	51.00	-3.194	-3.969	-3.801	-2.764	-1.058	1.133	3.685	6.466	9.081	10.970
5111	51.10	11.282	9.244	4.531	-2.411	-10.288	-17.228	-21.351	-21.632	-17.402	-10.460
5121	51.20	-2.733	3.417	6.184	4.903	0.227	-6.161	-12.169	-16.016	-16.771	-14.567
5131	51.30	-10.425	-5.822	-2.173	-0.411	-0.786	-2.900	-5.917	-8.852	-10.833	-11.286
5141	51.40	-10.016	-7.196	-3.294	1.049	5.154	8.443	10.551	11.389	11.147	10.233
5151	51.50	9.178	8.519	8.703	10.010	12.510	16.029	20.147	24.220	27.463	29.093
5161	51.60	28.514	25.512	20.360	13.807	6.898	0.702	-3.982	-6.824	-7.973	-7.908
5171	51.70	-7.177	-6.158	-4.955	-3.472	-1.613	0.499	2.421	3.481	3.029	0.743
5181	51.80	-3.172	-7.993	-12.730	-16.483	-18.778	-19.682	-19.672	-19.298	-18.823	-18.024
5191	51.90	-16.270	-12.855	-7.441	-0.388	7.200	13.759	17.783	18.351	15.442	9.918
5201	52.00	3.174	-3.359	-8.662	-12.330	-14.492	-15.517	-15.708	-15.128	-13.658	-11.217
5211	52.10	-8.011	-4.617	-1.858	-0.460	-0.682	-2.092	-3.660	-4.019	-2.183	2.200
5221	52.20	8.569	15.651	21.933	26.219	28.048	27.781	26.347	24.770	23.690	23.099
5231	52.30	22.393	20.708	17.368	12.252	5.914	-0.589	-6.063	-9.596	-10.832	-10.039
5241	52.40	-7.938	-5.426	-3.284	-2.011	-1.781	-2.526	-4.036	-6.053	-8.287	-10.411
5251	52.50	-12.061	-12.877	-12.600	-11.177	-8.826	-6.010	-3.325	-1.331	-0.385	-0.560
5261	52.60	-1.650	-3.271	-4.995	-6.472	-7.491	-7.978	-7.953	-7.489	-6.683	-5.662
5271	52.70	-4.596	-3.692	-3.165	-3.178	-3.786	-4.910	-6.355	-7.877	-9.260	-10.369
5281	52.80	-11.155	-11.607	-11.680	-11.236	-10.046	-7.862	-4.545	-0.185	4.836	9.890
5291	52.90	14.260	17.358	18.929	19.156	18.691	18.000	17.974	18.768	20.135	21.423
5301	53.00	21.838	20.800	18.224	14.612	10.889	8.045	6.715	6.886	7.861	8.524
5311	53.10	7.789	5.075	0.581	-4.748	-9.564	-12.629	-13.288	-11.709	-8.793	-5.811
5321	53.20	-3.920	-3.755	-5.255	-7.753	-10.275	-11.886	-11.963	-10.317	-7.157	-2.991
5331	53.30	1.496	5.529	8.328	9.218	7.811	4.195	-0.944	-6.376	-10.598	-12.297
5341	53.40	-10.815	-6.448	-0.411	5.553	9.792	11.336	10.225	7.428	4.377	2.342
5351	53.50	1.908	2.787	4.031	4.527	3.527	0.969	-2.555	-6.135	-8.998	-10.834
5361	53.60	-11.843	-12.504	-13.203	-13.953	-14.364	-13.891	-12.211	-9.520	-6.551	-4.276
5371	53.70	-3.424	-4.062	-5.478	-6.448	-5.808	-3.042	1.388	6.152	9.586	10.399
5381	53.80	8.244	3.881	-1.137	-5.109	-6.867	-6.183	-3.742	-0.733	1.731	3.068
5391	53.90	3.371	3.210	3.226	3.765	4.729	5.692	6.197	6.040	5.382	4.633
5401	54.00	4.189	4.188	4.422	4.463	3.917	2.665	0.932	-0.838	-2.252	-3.195
5411	54.10	-3.903	-4.801	-6.214	-8.097	-9.962	-11.049	-10.690	-8.657	-5.338	-1.613
5421	54.20	1.507	3.309	3.669	3.066	2.318	2.193	3.064	4.812	6.958	8.968
5431	54.30	10.529	11.653	12.570	13.485	14.355	14.842	14.461	12.875	10.143	6.783
5441	54.40	3.590	1.279	0.126	-0.197	-0.497	-1.698	-4.384	-8.477	-13.192	-17.296
5451	54.50	-19.566	-19.235	-16.257	-11.282	-5.394	0.269	4.847	7.920	9.487	9.806
5461	54.60	9.205	7.947	6.201	4.072	1.678	-0.814	-3.181	-5.175	-6.560	-7.139
5471	54.70	-6.778	-5.429	-3.173	-0.267	2.847	5.588	7.360	7.718	6.521	3.993
5481	54.80	0.653	-2.859	-6.003	-8.502	-10.376	-11.837	-13.095	-14.189	-14.922	-14.952
5491	54.90	-13.980	-11.947	-9.129	-6.062	-3.332	-1.321	-0.037	0.876	1.962	3.668

Table 7-82-12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	6.105	8.969	11.655	13.530	14.207	13.723	12.505	11.173	10.252	9.966
5511	55.10	10.177	10.515	10.597	10.237	9.506	8.650	7.882	7.199	6.319	4.797
5521	55.20	2.266	-1.309	-5.504	-9.522	-12.463	-13.675	-13.026	-10.980	-8.422	-6.321
5531	55.30	-5.347	-5.625	-6.694	-7.703	-7.732	-6.142	-2.799	1.866	6.990	11.519
5541	55.40	14.498	15.310	13.828	10.432	5.916	1.277	-2.537	-4.879	-5.566	-4.902
5551	55.50	-3.539	-2.214	-1.464	-1.422	-1.790	-2.007	-1.532	-0.128	2.007	4.311
5561	55.60	6.114	6.952	6.785	6.010	5.247	5.012	5.427	6.123	6.394	5.531
5571	55.70	3.178	-0.460	-4.659	-8.460	-11.049	-12.070	-11.730	-10.649	-9.561	-8.993
5581	55.80	-9.082	-9.591	-10.079	-10.137	-9.550	-8.337	-6.670	-4.753	-2.744	-0.758
5591	55.90	1.071	2.536	3.383	3.409	2.610	1.254	-0.170	-1.145	-1.374	-0.958
5601	56.00	-0.387	-0.323	-1.263	-3.230	-5.676	-7.651	-8.185	-6.728	-3.414	0.962
5611	56.10	5.262	8.427	10.134	10.444	10.129	10.024	10.639	11.909	13.237	13.807
5621	56.20	12.998	10.701	7.377	3.840	0.883	-1.079	-2.169	-2.846	-3.792	-5.375
5631	56.30	-7.542	-9.817	-11.523	-12.089	-11.282	-9.263	-6.469	-3.383	-0.341	2.538
5641	56.40	5.280	7.902	10.270	12.078	12.946	12.599	11.019	8.496	5.531	2.647
5651	56.50	0.206	-1.694	-3.183	-4.486	-5.758	-6.988	-8.006	-8.599	-8.646	-8.212
5661	56.60	-7.535	-6.919	-6.591	-6.585	-6.743	-6.798	-6.526	-5.877	-5.009	-4.228
5671	56.70	-3.833	-3.963	-4.500	-5.083	-5.228	-4.501	-2.685	0.134	3.579	7.095
5681	56.80	10.104	12.172	13.111	13.010	12.179	11.039	9.988	9.294	9.042	9.146
5691	56.90	9.424	9.691	9.836	9.850	9.789	9.695	9.514	9.060	8.051	6.216
5701	57.00	3.419	-0.241	-4.417	-8.597	-12.252	-14.994	-16.667	-17.350	-17.265	-16.337
5711	57.10	-15.594	-14.121	-12.122	-9.525	-6.389	-2.963	0.351	3.101	4.912	5.595
5721	57.20	5.187	3.920	2.146	0.241	-1.467	-2.750	-3.485	-3.657	-3.332	-2.636
5731	57.30	-1.714	-0.695	0.339	1.371	2.421	3.504	4.578	5.522	6.158	6.324
5741	57.40	5.958	5.155	4.159	3.274	2.741	2.623	2.767	2.872	2.627	1.862
5751	57.50	0.634	-0.796	-2.099	-3.044	-3.625	-4.063	-4.687	-5.729	-7.158	-8.628
5761	57.60	-9.590	-9.527	-8.218	-5.892	-3.205	-1.024	-0.100	-0.766	-2.788	-5.425
5771	57.70	-7.691	-8.707	-8.009	-5.692	-2.357	1.129	3.943	5.578	5.979	5.507
5781	57.80	4.767	4.362	4.676	5.751	7.301	8.631	9.829	9.945	9.108	7.533
5791	57.90	5.631	3.847	2.500	1.675	1.219	0.834	0.231	-0.721	-1.914	-3.030
5801	58.00	-3.677	-3.567	-2.664	-1.228	0.273	1.354	1.734	1.482	1.025	1.004
5811	58.10	2.020	4.369	7.878	11.903	15.503	17.726	17.907	15.882	12.032	7.164
5821	58.20	2.272	-1.744	-4.302	-5.259	-4.884	-3.731	-2.444	-1.568	-1.416	-2.020
5831	58.30	-3.170	-4.527	-5.753	-6.628	-7.109	-7.319	-7.470	-7.763	-8.296	-9.022
5841	58.40	-9.776	-10.349	-10.577	-10.405	-9.886	-9.140	-8.270	-7.306	-6.201	-4.877
5851	58.50	-3.319	-1.639	-0.086	1.026	1.446	1.116	0.241	-0.747	-1.323	-1.046
5861	58.60	0.280	2.532	5.317	8.101	10.377	11.795	12.216	11.680	10.328	8.325
5871	58.70	5.826	2.985	-0.000	-2.865	-5.293	-6.974	-7.699	-7.431	-6.323	-4.683
5881	58.80	-2.889	-1.283	-0.099	0.574	0.788	0.694	0.499	0.415	0.610	1.172
5891	58.90	2.068	3.144	4.147	4.798	4.893	4.386	3.424	2.308	1.371	0.842
5901	59.00	0.741	0.863	0.873	0.462	-0.493	-1.856	-3.271	-4.313	-4.670	-4.273
5911	59.10	-3.319	-2.162	-1.139	-0.417	0.065	0.532	1.215	2.181	3.249	4.038
5921	59.20	4.119	3.225	1.400	-0.969	-3.265	-4.856	-5.317	-4.585	-2.980	-1.099
5931	59.30	0.385	0.928	0.281	-1.441	-3.797	-6.141	-7.794	-8.230	-7.224	-4.918
5941	59.40	-1.796	1.448	4.115	5.709	6.089	5.499	4.450	3.514	3.083	3.216
5951	59.50	3.624	3.817	3.334	1.968	-0.116	-2.431	-4.357	-5.391	-5.342	-4.388
5961	59.60	-2.979	-1.632	-0.716	-0.316	-0.247	-0.177	0.181	0.924	1.912	2.837
5971	59.70	3.377	3.356	2.836	2.098	1.537	1.497	2.133	3.360	4.779	5.988
5981	59.80	6.529	6.129	4.759	2.644	0.194	-2.112	-3.850	-4.751	-4.752	-3.982
5991	59.90	-2.705	-1.224	0.192	1.370	2.240	2.813	3.143	3.284	3.274	3.131

Table 7-82-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	2.875	2.532	2.138	1.727	1.309	0.860	0.326	-0.359	-1.245	-2.340
6011	60.10	-3.595	-4.900	-6.089	-6.959	-7.293	-6.902	-5.676	-3.642	-1.012	1.829
6021	60.20	4.381	6.159	6.838	6.379	5.055	3.376	1.905	1.047	0.886	1.145
6031	60.30	1.296	0.788	-0.716	-3.172	-6.149	-8.978	-11.006	-11.839	-11.478	-10.294
6041	60.40	-8.852	-7.663	-6.984	-6.732	-6.553	-6.018	-4.835	-3.001	-0.817	1.230
6051	60.50	2.677	3.271	3.084	2.472	1.928	1.870	2.469	3.580	4.816	5.723
6061	60.60	5.986	5.561	4.715	3.895	3.532	3.852	4.769	5.930	6.879	7.277
6071	60.70	7.070	6.530	6.131	6.333	7.543	8.985	10.735	11.901	11.897	10.464
6081	60.80	7.764	4.314	0.777	-2.271	-4.512	-5.927	-6.714	-7.133	-7.378	-7.515
6091	60.90	-7.509	-7.298	-6.864	-6.241	-5.483	-4.601	-3.545	-2.243	-0.693	0.952
6101	61.00	2.371	3.155	2.981	1.776	-0.192	-2.370	-4.117	-4.959	-4.780	-3.874
6111	61.10	-2.810	-2.176	-2.317	-3.187	-4.373	-5.300	-5.483	-4.749	-3.294	-1.581
6121	61.20	-0.126	0.728	0.937	0.741	0.526	0.640	1.241	2.251	3.413	4.413
6131	61.30	5.006	5.090	4.710	4.017	3.205	2.456	1.911	1.660	1.728	2.055
6141	61.40	2.495	2.833	2.839	2.359	1.399	0.160	-1.003	-1.693	-1.633	-0.793
6151	61.50	0.567	1.960	2.837	2.781	1.663	-0.313	-2.676	-4.857	-6.374	-6.988
6161	61.60	-6.749	-5.957	-5.029	-4.356	-4.186	-4.550	-5.287	-6.105	-6.682	-6.757
6171	61.70	-6.215	-5.109	-3.657	-2.179	-1.003	-0.366	-0.331	-0.745	-1.283	-1.544
6181	61.80	-1.194	-0.096	1.615	3.554	5.202	6.076	5.897	4.691	2.781	0.679
6191	61.90	-1.088	-2.145	-2.371	-1.896	-1.016	-0.055	0.755	1.333	1.737	2.086
6201	62.00	2.484	2.966	3.492	3.994	4.424	4.781	5.102	5.409	5.671	5.777
6211	62.10	5.579	4.955	3.892	2.522	1.101	-0.074	-0.761	-0.860	-0.429	0.361
6221	62.20	1.307	2.247	3.099	3.830	4.410	4.766	4.780	4.353	3.475	2.291
6231	62.30	1.087	0.197	-0.136	0.119	0.736	1.312	1.424	0.826	-0.433	-2.005
6241	62.40	-3.383	-4.107	-3.966	-3.090	-1.900	-0.936	-0.636	-1.172	-2.397	-3.931
6251	62.50	-5.326	-6.248	-6.581	-6.423	-5.994	-5.504	-5.044	-4.568	-3.947	-3.078
6261	62.60	-1.975	-0.807	0.149	0.620	0.460	-0.263	-1.265	-2.128	-2.437	-1.940
6271	62.70	-0.640	1.182	3.055	4.463	5.022	4.604	3.382	1.766	0.262	-0.700
6281	62.80	-0.912	-0.434	0.442	1.315	1.829	1.776	1.147	0.084	-1.204	-2.533
6291	62.90	-3.786	-4.904	-5.833	-6.478	-6.697	-6.350	-5.379	-3.882	-2.121	-0.460
6301	63.00	0.767	1.382	1.441	1.218	1.089	1.379	2.226	3.527	4.990	6.259
6311	63.10	7.060	7.303	7.097	6.684	6.320	6.162	6.210	6.318	6.262	5.837
6321	63.20	4.941	3.616	2.039	0.472	-0.814	-1.617	-1.861	-1.617	-1.078	-0.501
6331	63.30	-0.119	-0.061	-0.308	-0.709	-1.046	-1.142	-0.945	-0.565	-0.229	-0.184
6341	63.40	-0.578	-1.388	-2.424	-3.407	-4.095	-4.375	-4.301	-4.031	-3.733	-3.484
6351	63.50	-3.239	-2.876	-2.294	-1.508	-0.670	-0.014	0.263	0.119	-0.297	-0.705
6361	63.60	-0.830	-0.553	0.019	0.591	0.830	0.534	-0.247	-1.218	-1.974	-2.188
6371	63.70	-1.772	-0.919	-0.010	0.562	0.578	0.078	-0.677	-1.339	-1.644	-1.518
6381	63.80	-1.071	-0.509	-0.005	0.383	0.711	1.067	1.463	1.783	1.818	1.384
6391	63.90	0.452	-0.779	-1.922	-2.554	-2.408	-1.516	-0.227	0.916	1.400	0.951
6401	64.00	-0.339	-2.057	-3.624	-4.532	-4.523	-3.664	-2.283	-0.806	0.415	1.224
6411	64.10	1.676	1.956	2.259	2.688	3.216	3.728	4.102	4.298	4.384	4.505
6421	64.20	4.807	5.340	6.011	6.595	6.817	6.461	5.463	3.949	2.206	0.581
6431	64.30	-0.628	-1.268	-1.367	-1.103	-0.731	-0.495	-0.561	-0.996	-1.777	-2.829
6441	64.40	-4.048	-5.311	-6.475	-7.374	-7.840	-7.750	-7.087	-5.971	-4.656	-3.457
6451	64.50	-2.646	-2.348	-2.480	-2.785	-2.932	-2.652	-1.851	-0.648	0.679	1.817
6461	64.60	2.550	2.841	2.828	2.746	2.808	3.115	3.626	4.201	4.692	5.018
6471	64.70	5.196	5.313	5.453	5.637	5.797	5.820	5.608	5.148	4.520	3.865
6481	64.80	3.299	2.850	2.439	1.931	1.226	0.345	-0.545	-1.188	-1.361	-0.999
6491	64.90	-0.265	0.487	0.842	0.495	-0.609	-2.238	-3.957	-5.300	-5.950	-5.857

Table 7-82-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-5.241	-4.474	-3.922	-3.797	-4.090	-4.615	-5.122	-5.418	-5.449	-5.290
6511	65.10	-5.074	-4.892	-4.730	-4.470	-3.955	-3.094	-1.934	-0.669	0.420	1.077
6521	65.20	1.176	0.771	0.074	-0.636	-1.126	-1.292	-1.180	-0.942	-0.746	-0.692
6531	65.30	-0.758	-0.822	-0.719	-0.324	0.386	1.317	2.292	3.123	3.678	3.937
6541	65.40	3.982	3.967	4.047	4.316	4.765	5.294	5.743	5.962	5.866	5.474
6551	65.50	4.901	4.315	3.871	3.652	3.637	3.717	3.746	3.604	3.250	2.733
6561	65.60	2.159	1.632	1.193	0.803	0.357	-0.251	-1.064	-2.024	-2.986	-3.780
6571	65.70	-4.289	-4.507	-4.542	-4.561	-4.712	-5.046	-5.498	-5.921	-6.157	-6.114
6581	65.80	-5.796	-5.284	-4.676	-4.023	-3.315	-2.504	-1.572	-0.591	0.280	0.847
6591	65.90	0.985	0.726	0.283	-0.024	0.098	0.766	1.851	3.013	3.843	4.047
6601	66.00	3.586	2.704	1.825	1.371	1.581	2.410	3.562	4.624	5.237	5.229
6611	66.10	4.646	3.688	2.593	1.533	0.576	-0.294	-1.096	-1.805	-2.337	-2.595
6621	66.20	-2.531	-2.193	-1.710	-1.235	-0.865	-0.591	-0.315	0.084	0.659	1.340
6631	66.30	1.944	2.255	2.133	1.589	0.804	0.055	-0.396	-0.407	-0.012	0.603
6641	66.40	1.177	1.474	1.344	0.757	-0.218	-1.439	-2.713	-3.803	-4.451	-4.410
6651	66.50	-3.521	-1.794	0.539	3.034	5.146	6.383	6.478	5.480	3.732	1.741
6661	66.60	-0.011	-1.223	-1.847	-2.042	-2.050	-2.065	-2.156	-2.286	-2.387	-2.455
6671	66.70	-2.577	-2.893	-3.488	-4.305	-5.117	-5.605	-5.506	-4.756	-3.553	-2.300
6681	66.80	-1.432	-1.221	-1.645	-2.393	-3.000	-3.069	-2.449	-1.301	-0.023	0.939
6691	66.90	1.293	1.014	0.330	-0.411	-0.912	-1.056	-0.926	-0.713	-0.582	-0.561
6701	67.00	-0.522	-0.265	0.352	1.306	2.383	3.258	3.641	3.403	2.642	1.636
6711	67.10	0.715	0.131	-0.030	0.153	0.521	0.939	1.363	1.840	2.441	3.170
6721	67.20	3.915	4.462	4.588	4.167	3.255	2.079	0.960	0.179	-0.137	-0.062
6731	67.30	0.174	0.295	0.109	-0.422	-1.171	-1.923	-2.478	-2.741	-2.754	-2.659
6741	67.40	-2.619	-2.739	-3.015	-3.344	-3.574	-3.574	-3.296	-2.787	-2.174	-1.613
6751	67.50	-1.233	-1.098	-1.190	-1.421	-1.663	-1.790	-1.715	-1.412	-0.925	-0.355
6761	67.60	0.179	0.581	0.818	0.936	1.049	1.290	1.753	2.441	3.249	3.991
6771	67.70	4.470	4.556	4.245	3.672	3.063	2.650	2.585	2.880	3.407	3.958
6781	67.80	4.323	4.373	4.093	3.575	2.960	2.374	1.889	1.519	1.254	1.104
6791	67.90	1.125	1.406	2.021	2.960	4.091	5.160	5.860	5.925	5.233	3.856
6801	68.00	2.052	0.192	-1.357	-2.339	-2.665	-2.425	-1.823	-1.107	-0.482	-0.073
6811	68.10	0.088	0.038	-0.149	-0.397	-0.641	-0.839	-0.971	-1.048	-1.107	-1.208
6821	68.20	-1.420	-1.789	-2.317	-2.950	-3.584	-4.103	-4.419	-4.514	-4.443	-4.319
6831	68.30	-4.264	-4.359	-4.616	-4.977	-5.339	-5.600	-5.690	-5.594	-5.337	-4.968
6841	68.40	-6.533	-4.068	-3.591	-3.122	-2.680	-2.288	-1.959	-1.691	-1.458	-1.228
6851	68.50	-0.974	-0.691	-0.399	-0.125	0.119	0.350	0.624	1.012	1.570	2.315
6861	68.60	3.203	4.146	5.031	5.753	6.235	6.434	6.341	5.965	5.342	4.530
6871	68.70	3.616	2.705	1.896	1.251	0.770	0.397	0.048	-0.341	-0.763	-1.136
6881	68.80	-1.335	-1.257	-0.889	-0.338	0.196	0.500	0.442	0.033	-0.574	-1.159
6891	68.90	-1.543	-1.684	-1.697	-1.801	-2.202	-2.971	-3.981	-4.938	-5.486	-5.353
6901	69.00	-4.460	-2.957	-1.166	0.543	1.870	2.673	2.977	2.917	2.667	2.368
6911	69.10	2.101	1.897	1.762	1.695	1.689	1.723	1.751	1.713	1.559	1.285
6921	69.20	0.942	0.623	0.415	0.353	0.393	0.433	0.364	0.138	-0.197	-0.506
6931	69.30	-0.630	-0.471	-0.051	0.485	0.923	1.061	0.892	0.443	-0.066	-0.409
6941	69.40	-0.439	-0.154	0.306	0.726	0.918	0.797	0.449	-0.058	-0.450	-0.635
6951	69.50	-0.603	-0.450	-0.328	-0.370	-0.622	-1.022	-1.418	-1.624	-1.493	-0.970
6961	69.60	-0.118	0.894	1.843	2.513	2.764	2.571	2.036	1.355	0.755	0.416
6971	69.70	0.412	0.682	1.057	1.319	1.285	0.873	0.127	-0.806	-1.731	-2.477
6981	69.80	-2.943	-3.110	-3.026	-2.767	-2.409	-2.022	-1.670	-1.426	-1.365	-1.539
6991	69.90	-1.941	-2.486	-3.022	-3.379	-3.443	-3.211	-2.803	-2.415	-2.231	-2.326

Table 7-82-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-2.615	-2.881	-2.865	-2.387	-1.437	-0.189	1.063	2.043	2.608	2.818
7011	70.10	2.902	3.145	3.750	4.727	5.885	6.900	7.463	7.408	6.785	5.828
7021	70.20	4.856	4.129	3.746	3.624	3.556	3.336	2.868	2.221	1.607	1.277
7031	70.30	1.401	1.969	2.779	3.501	3.808	3.503	2.606	1.349	0.095	-0.808
7041	70.40	-1.157	-0.973	-0.491	-0.068	-0.045	-0.612	-1.741	-3.193	-4.615	-5.660
7051	70.50	-6.111	-5.939	-5.295	-4.429	-3.596	-2.968	-2.598	-2.437	-2.387	-2.364
7061	70.60	-2.334	-2.319	-2.365	-2.508	-2.749	-3.049	-3.352	-3.617	-3.833	-4.019
7071	70.70	-4.210	-4.423	-4.647	-4.837	-4.930	-4.865	-4.601	-4.125	-3.451	-2.619
7081	70.80	-1.693	-0.760	0.078	0.719	1.100	1.221	1.170	1.095	1.160	1.470
7091	70.90	2.016	2.657	3.167	3.322	3.002	2.253	1.282	0.384	-0.176	-0.260
7101	71.00	0.091	0.696	1.316	1.780	2.039	2.173	2.333	2.645	3.139	3.734
7111	71.10	4.279	4.635	4.742	4.647	4.467	4.317	4.246	4.209	4.091	3.778
7121	71.20	3.227	2.695	1.722	1.067	0.636	0.426	0.351	0.278	0.101	-0.207
7131	71.30	-0.587	-0.935	-1.166	-1.265	-1.295	-1.365	-1.569	-1.927	-2.363	-2.730
7141	71.40	-2.874	-2.697	-2.208	-1.523	-0.825	-0.298	-0.069	-0.168	-0.528	-1.019
7151	71.50	-1.490	-1.813	-1.913	-1.773	-1.431	-0.961	-0.459	-0.022	0.271	0.377
7161	71.60	0.303	0.112	-0.083	-0.150	0.028	0.509	1.263	2.165	3.029	3.657
7171	71.70	3.911	3.758	3.290	2.691	2.172	1.884	1.856	1.979	2.051	1.860
7181	71.80	1.282	0.349	-0.754	-1.746	-2.356	-2.429	-1.974	-1.161	-0.238	0.565
7191	71.90	1.118	1.419	1.555	1.631	1.696	1.712	1.580	1.198	0.535	-0.334
7201	72.00	-1.246	-2.013	-2.502	-2.690	-2.665	-2.585	-2.599	-2.783	-3.108	-3.467
7211	72.10	-3.725	-3.780	-3.607	-3.261	-2.846	-2.474	-2.225	-2.116	-2.105	-2.103
7221	72.20	-1.994	-1.669	-1.059	-0.159	0.942	2.073	3.013	3.547	3.547	3.016
7231	72.30	2.104	1.056	0.127	-0.513	-0.833	-0.943	-1.023	-1.230	-1.616	-2.109
7241	72.40	-2.546	-2.760	-2.667	-2.300	-1.799	-1.332	-1.020	-0.892	-0.884	-0.893
7251	72.50	-0.848	-0.743	-0.639	-0.612	-0.700	-0.866	-1.015	-1.041	-0.888	-0.579
7261	72.60	-0.204	0.138	0.393	0.581	0.772	1.030	1.350	1.643	1.770	1.626
7271	72.70	1.217	0.687	0.270	0.187	0.524	1.173	1.866	2.283	2.208	1.637
7281	72.80	0.788	0.013	-0.357	-0.162	0.523	1.429	2.217	2.626	2.568	2.139
7291	72.90	1.537	0.952	0.475	0.084	-0.309	-0.770	-1.277	-1.714	-1.922	-1.789
7301	73.00	-1.311	-0.610	0.121	0.700	1.024	1.104	1.025	0.889	0.757	0.629
7311	73.10	0.475	0.280	0.088	-0.005	0.108	0.478	1.059	1.709	2.253	2.563
7321	73.20	2.618	2.522	2.445	2.539	2.859	3.330	3.788	4.060	4.048	3.774
7331	73.30	3.360	2.958	2.672	2.500	2.343	2.065	1.568	0.848	0.009	-0.792
7341	73.40	-1.412	-1.786	-1.953	-2.026	-2.135	-2.369	-2.741	-3.193	-3.623	-3.931
7351	73.50	-4.045	-3.928	-3.572	-2.989	-2.213	-1.307	-0.378	0.439	1.002	1.211
7361	73.60	1.047	0.584	-0.020	-0.584	-0.959	-1.071	-0.937	-0.641	-0.286	0.044
7371	73.70	0.306	0.495	0.619	0.682	0.677	0.593	0.438	0.250	0.083	-0.009
7381	73.80	-0.014	0.029	0.032	-0.107	-0.458	-1.025	-1.740	-2.486	-3.145	-3.634
7391	73.90	-3.937	-4.092	-4.165	-4.210	-4.248	-4.261	-4.214	-4.082	-3.865	-3.593
7401	74.00	-3.309	-3.043	-2.796	-2.529	-2.183	-1.702	-1.053	-0.254	0.630	1.494
7411	74.10	2.210	2.657	2.747	2.446	1.798	0.925	0.011	-0.736	-1.132	-1.073
7421	74.20	-0.565	0.276	1.253	2.154	2.819	3.182	3.284	3.247	3.211	3.278
7431	74.30	3.468	3.714	3.890	3.866	3.557	2.961	2.159	1.292	0.515	-0.054
7441	74.40	-0.364	-0.441	-0.379	-0.297	-0.308	-0.471	-0.776	-1.142	-1.443	-1.541
7451	74.50	-1.336	-0.798	0.019	0.982	1.917	2.644	3.030	3.016	2.627	1.965
7461	74.60	1.177	0.425	-0.158	-0.492	-0.564	-0.431	-0.202	-0.010	0.026	-0.166
7471	74.70	-0.592	-1.179	-1.805	-2.324	-2.619	-2.631	-2.375	-1.935	-1.430	-0.977
7481	74.80	-0.655	-0.488	-0.442	-0.449	-0.426	-0.307	-0.056	0.322	0.786	1.266
7491	74.90	1.678	1.947	2.025	1.916	1.676	1.409	1.239	1.265	1.527	1.982

Table 7-82-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	2.515	2.976	3.230	3.207	2.924	2.468	1.954	1.472	1.051	0.657
7511	75.10	0.222	-0.304	-0.910	-1.503	-1.942	-2.085	-1.855	-1.276	-0.474	0.365
7521	75.20	1.058	1.489	1.636	1.560	1.368	1.155	0.969	0.802	0.609	0.349
7531	75.30	0.022	-0.321	-0.589	-0.687	-0.556	-0.200	0.313	0.872	1.361	1.690
7541	75.40	1.818	1.757	1.553	1.268	0.960	0.671	0.426	0.234	0.086	-0.046
7551	75.50	-0.210	-0.476	-0.917	-1.584	-2.476	-3.516	-4.549	-5.373	-5.790	-5.671
7561	75.60	-5.011	-3.944	-2.712	-1.601	-0.855	-0.603	-0.827	-1.390	-2.091	-2.745
7571	75.70	-3.239	-3.556	-3.741	-3.860	-3.943	-3.972	-3.899	-3.687	-3.360	-3.013
7581	75.80	-2.780	-2.777	-3.035	-3.467	-3.887	-4.084	-3.909	-3.342	-2.508	-1.617
7591	75.90	-0.877	-0.396	-0.144	0.033	0.322	0.853	1.621	2.484	3.222	3.636
7601	76.00	3.638	3.288	2.769	2.302	2.054	2.077	2.299	2.580	2.788	2.857
7611	76.10	2.814	2.755	2.779	2.945	3.238	3.581	3.881	4.065	4.106	4.017
7621	76.20	3.821	3.528	3.124	2.590	1.932	1.209	0.530	0.027	-0.202	-0.136
7631	76.30	0.150	0.509	0.777	0.842	0.689	0.406	0.149	0.079	0.295	0.806
7641	76.40	1.523	2.297	2.966	3.400	3.526	3.333	2.861	2.180	1.376	0.539
7651	76.50	-0.252	-0.938	-1.489	-1.911	-2.231	-2.486	-2.691	-2.826	-2.835	-2.655
7661	76.60	-2.254	-1.668	-1.011	-0.459	-0.184	-0.298	-0.792	-1.536	-2.316	-2.907
7671	76.70	-3.159	-3.041	-2.645	-2.137	-1.681	-1.372	-1.209	-1.110	-0.969	-0.719
7681	76.80	-0.363	0.025	0.347	0.538	0.606	0.633	0.734	1.000	1.442	1.980
7691	76.90	2.469	2.768	2.800	2.593	2.263	1.963	1.811	1.834	1.957	2.038
7701	77.00	1.936	1.579	0.992	0.294	-0.357	-0.828	-1.061	-1.086	-0.999	-0.910
7711	77.10	-0.902	-1.000	-1.186	-1.415	-1.653	-1.882	-2.095	-2.275	-2.372	-2.305
7721	77.20	-1.992	-1.388	-0.530	0.455	1.373	2.021	2.262	2.070	1.545	0.875
7731	77.30	0.266	-0.133	-0.280	-0.239	-0.138	-0.110	-0.222	-0.453	-0.704	-0.850
7741	77.40	-0.797	-0.531	-0.124	0.294	0.587	0.664	0.514	0.201	-0.172	-0.507
7751	77.50	-0.753	-0.911	-1.026	-1.145	-1.285	-1.412	-1.454	-1.328	-0.985	-0.636
7761	77.60	0.237	0.905	1.437	1.737	1.784	1.626	1.362	1.100	0.920	0.849
7771	77.70	0.857	0.890	0.892	0.844	0.766	0.709	0.723	0.823	0.963	1.045
7781	77.80	0.966	0.568	-0.118	-1.045	-2.066	-2.990	-3.653	-3.964	-3.939	-3.678
7791	77.90	-3.325	-3.004	-2.775	-2.626	-2.499	-2.342	-2.152	-1.987	-1.943	-2.090
7801	78.00	-2.420	-2.823	-3.112	-3.093	-2.655	-1.826	-0.782	0.219	0.935	1.238
7811	78.10	1.166	0.899	0.682	0.711	1.055	1.633	2.257	2.727	2.921	2.838
7821	78.20	2.591	2.339	2.209	2.243	2.394	2.565	2.671	2.690	2.663	2.665
7831	78.30	2.745	2.889	3.011	2.994	2.749	2.266	1.631	0.999	0.527	0.320
7841	78.40	0.382	0.631	0.930	1.142	1.172	0.986	0.597	0.056	-0.573	-1.210
7851	78.50	-1.757	-2.108	-2.167	-1.884	-1.297	-0.542	0.172	0.625	0.667	0.278
7861	78.60	-0.415	-1.184	-1.786	-2.053	-1.952	-1.583	-1.123	-0.744	-0.545	-0.526
7871	78.70	-0.606	-0.688	-0.710	-0.672	-0.623	-0.618	-0.675	-0.753	-0.774	-0.666
7881	78.80	-0.403	-0.023	0.388	0.742	0.998	1.177	1.352	1.594	1.932	2.321
7891	78.90	2.665	2.860	2.869	2.653	2.362	2.086	1.896	1.793	1.712	1.564
7901	79.00	1.298	0.942	0.596	0.391	0.415	0.668	1.051	1.410	1.603	1.568
7911	79.10	1.335	1.005	0.679	0.399	0.122	-0.251	-0.804	-1.543	-2.361	-3.069
7921	79.20	-3.473	-3.472	-3.108	-2.562	-2.082	-1.874	-2.013	-2.413	-2.867	-3.137
7931	79.30	-3.063	-2.625	-1.944	-1.228	-0.676	-0.409	-0.430	-0.669	-0.933	-1.171
7941	79.40	-1.316	-1.385	-1.438	-1.535	-1.704	-1.930	-2.166	-2.351	-2.436	-2.400
7951	79.50	-2.251	-2.020	-1.752	-1.486	-1.246	-1.030	-0.806	-0.523	-0.132	0.391
7961	79.60	1.022	1.683	2.260	2.639	2.749	2.587	2.224	1.775	1.354	1.033
7971	79.70	0.823	0.689	0.583	0.484	0.412	0.416	0.538	0.776	1.061	1.278
7981	79.80	1.309	1.087	0.636	0.066	-0.461	-0.798	-0.856	-0.641	-0.236	0.230
7991	79.90	0.631	0.878	0.929	0.788	0.493	0.106	-0.293	-0.614	-0.772	-0.716

Table 7-82-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-0.451	-0.053	0.345	0.598	0.606	0.359	-0.047	-0.448	-0.671	-0.611
8011	80.10	-0.268	0.246	0.759	1.106	1.188	1.003	0.625	0.164	-0.286	-0.673
8021	80.20	-0.986	-1.239	-1.443	-1.593	-1.674	-1.677	-1.615	-1.512	-1.396	-1.271
8031	80.30	-1.111	-0.874	-0.529	-0.089	0.381	0.784	1.033	1.102	1.047	0.990
8041	80.40	1.064	1.346	1.820	2.369	2.835	3.085	3.076	2.867	2.587	2.360
8051	80.50	2.240	2.179	2.062	1.775	1.281	0.663	0.094	-0.236	-0.214	0.125
8061	80.60	0.609	0.999	1.100	0.855	0.380	-0.090	-0.306	-0.127	0.413	1.113
8071	80.70	1.696	1.931	1.737	1.209	0.566	0.047	-0.197	-0.166	0.016	0.171
8081	80.80	0.171	-0.008	-0.280	-0.519	-0.638	-0.647	-0.646	-0.767	-1.078	-1.526
8091	80.90	-1.945	-2.125	-1.930	-1.383	-0.678	-0.106	0.077	-0.223	-0.881	-1.601
8101	81.00	-2.044	-1.989	-1.434	-0.599	0.170	0.564	0.447	-0.087	-0.771	-1.292
8111	81.10	-1.432	-1.156	-0.606	-0.013	0.423	0.622	0.636	0.601	0.645	0.814
8121	81.20	1.058	1.271	1.358	1.296	1.131	0.944	0.781	0.614	0.348	-0.119
8131	81.30	-0.823	-1.678	-2.492	-3.035	-3.140	-2.784	-2.101	-1.330	-0.708	-0.375
8141	81.40	-0.326	-0.433	-0.522	-0.468	-0.252	0.039	0.268	0.322	0.170	-0.126
8151	81.50	-0.446	-0.673	-0.740	-0.652	-0.468	-0.259	-0.077	0.059	0.156	0.225
8161	81.60	0.267	0.278	0.261	0.246	0.282	0.421	0.682	1.025	1.353	1.546
8171	81.70	1.506	1.207	0.709	0.136	-0.376	-0.733	-0.922	-1.006	-1.083	-1.235
8181	81.80	-1.484	-1.776	-2.010	-2.077	-1.905	-1.490	-0.889	-0.204	0.460	1.018
8191	81.90	1.423	1.672	1.790	1.829	1.843	1.884	1.982	2.139	2.323	2.475
8201	82.00	2.534	2.456	2.237	1.919	1.573	1.270	1.053	0.918	0.818	0.690
8211	82.10	0.484	0.190	-0.158	-0.501	-0.782	-0.971	-1.077	-1.130	-1.169	-1.212
8221	82.20	-1.249	-1.258	-1.218	-1.135	-1.051	-1.026	-1.126	-1.386	-1.799	-2.311
8231	82.30	-2.840	-3.291	-3.585	-3.670	-3.528	-3.175	-2.658	-2.046	-1.423	-0.870
8241	82.40	-0.450	-0.192	-0.083	-0.078	-0.117	-0.148	-0.148	-0.122	-0.090	-0.066
8251	82.50	-0.044	0.003	0.102	0.258	0.432	0.547	0.515	0.288	-0.112	-0.575
8261	82.60	-0.938	-1.046	-0.813	-0.272	0.432	1.091	1.510	1.582	1.331	0.892
8271	82.70	0.460	0.210	0.237	0.527	0.981	1.459	1.842	2.068	2.143	2.119
8281	82.80	2.061	2.015	1.998	2.000	2.002	1.994	1.979	1.970	1.979	1.999
8291	82.90	2.004	1.950	1.793	1.501	1.074	0.548	-0.012	-0.521	-0.898	-1.088
8301	83.00	-1.082	-0.920	-0.689	-0.493	-0.421	-0.512	-0.739	-1.012	-1.209	-1.222
8311	83.10	-0.994	-0.544	0.044	0.656	1.191	1.592	1.860	2.032	2.148	2.220
8321	83.20	2.222	2.104	1.832	1.417	0.928	0.476	0.169	0.068	0.157	0.350
8331	83.30	0.525	0.584	0.490	0.282	0.048	-0.127	-0.202	-0.208	-0.229	-0.353
8341	83.40	-0.623	-1.002	-1.386	-1.645	-1.691	-1.523	-1.239	-0.991	-0.924	-1.101
8351	83.50	-1.470	-1.885	-2.167	-2.186	-1.924	-1.481	-1.034	-0.753	-0.724	-0.908
8361	83.60	-1.162	-1.306	-1.214	-0.870	-0.381	0.073	0.323	0.288	0.014	-0.356
8371	83.70	-0.651	-0.756	-0.665	-0.480	-0.357	-0.419	-0.698	-1.110	-1.496	-1.698
8381	83.80	-1.638	-1.350	-0.971	-0.671	-0.577	-0.720	-1.027	-1.360	-1.588	-1.642
3391	83.90	-1.533	-1.335	-1.130	-0.960	-0.805	-0.602	-0.289	0.147	0.650	1.107
8401	84.00	1.397	1.447	1.264	0.938	0.608	0.400	0.384	0.550	0.821	1.092
8411	84.10	1.273	1.328	1.281	1.202	1.178	1.277	1.526	1.902	2.333	2.726
8421	84.20	2.981	3.026	2.832	2.426	1.885	1.317	0.830	0.506	0.373	0.411
8431	84.30	0.556	0.737	0.891	0.985	1.011	0.975	0.881	0.726	0.503	0.212
8441	84.40	-0.122	-0.452	-0.716	-0.864	-0.874	-0.767	-0.597	-0.432	-0.328	-0.309
8451	84.50	-0.365	-0.460	-0.554	-0.615	-0.626	-0.589	-0.514	-0.419	-0.331	-0.285
8461	84.60	-0.319	-0.459	-0.701	-0.997	-1.253	-1.360	-1.230	-0.844	-0.269	0.347
8471	84.70	0.830	1.039	0.927	0.557	0.077	-0.340	-0.572	-0.588	-0.453	-0.283
8481	84.80	-0.180	-0.176	-0.218	-0.196	-0.009	0.376	0.890	1.380	1.666	1.620
8491	84.90	1.218	0.554	-0.195	-0.842	-1.256	-1.407	-1.359	-1.229	-1.129	-1.119

Table 7-82-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-1.186	-1.263	-1.263	-1.125	-0.835	-0.426	0.035	0.477	0.845	1.107
8511	85.10	1.255	1.296	1.247	1.135	0.995	0.865	0.774	0.752	0.716	0.680
8521	85.20	0.570	0.356	0.054	-0.268	-0.512	-0.592	-0.475	-0.209	0.085	0.262
8531	85.30	0.200	-0.136	-0.681	-1.294	-1.814	-2.129	-2.219	-2.161	-2.088	-2.125
8541	85.40	-2.331	-2.667	-3.015	-3.225	-3.180	-2.836	-2.238	-1.493	-0.725	-0.029
8551	85.50	0.547	0.997	1.332	1.558	1.660	1.615	1.413	1.085	0.704	0.369
8561	85.60	0.171	0.156	0.304	0.540	0.764	0.894	0.898	0.806	0.684	0.601
8571	85.70	0.591	0.630	0.654	0.582	0.360	-0.013	-0.481	-0.957	-1.354	-1.626
8581	85.80	-1.776	-1.849	-1.902	-1.970	-2.049	-2.098	-2.058	-1.887	-1.579	-1.169
8591	85.90	-0.712	-0.259	0.167	0.574	0.987	1.420	1.857	2.246	2.516	2.610
8601	86.00	2.515	2.271	1.956	1.658	1.433	1.286	1.180	1.062	0.899	0.706
8611	86.10	0.541	0.480	0.581	0.847	1.222	1.612	1.919	2.084	2.101	2.010
8621	86.20	1.872	1.735	1.615	1.501	1.372	1.225	1.082	0.989	0.988	1.086
8631	86.30	1.243	1.377	1.391	1.217	0.846	0.343	-0.173	-0.564	-0.726	-0.622
8641	86.40	-0.299	0.122	0.490	0.670	0.591	0.266	-0.209	-0.699	-1.077	-1.276
8651	86.50	-1.313	-1.273	-1.268	-1.376	-1.598	-1.848	-2.002	-1.956	-1.698	-1.327
8661	86.60	-1.021	-0.954	-1.205	-1.698	-2.217	-2.494	-2.327	-1.686	-0.734	0.225
8671	86.70	0.881	1.050	0.751	0.190	-0.342	-0.608	-0.525	-0.192	0.180	0.384
8681	86.80	0.325	0.054	-0.269	-0.475	-0.482	-0.329	-0.147	-0.066	-0.139	-0.297
8691	86.90	-0.394	-0.293	0.049	0.541	1.005	1.262	1.234	0.987	0.695	0.543
8701	87.00	0.628	0.896	1.176	1.267	1.052	0.568	-0.012	-0.461	-0.620	-0.469
8711	87.10	-0.142	0.156	0.254	0.103	-0.203	-0.486	-0.585	-0.447	-0.153	0.128
8721	87.20	0.228	0.072	-0.281	-0.672	-0.921	-0.916	-0.665	-0.281	0.070	0.254
8731	87.30	0.215	-0.011	-0.332	-0.651	-0.906	-1.077	-1.173	-1.208	-1.183	-1.095
8741	87.40	-0.949	-0.774	-0.616	-0.515	-0.478	-0.462	-0.396	-0.211	0.109	0.509
8751	87.50	0.878	1.090	1.070	0.832	0.475	0.149	-0.018	0.033	0.266	0.578
8761	87.60	0.847	0.987	0.980	0.864	0.703	0.548	0.414	0.284	0.135	-0.038
8771	87.70	-0.208	-0.330	-0.368	-0.324	-0.246	-0.206	-0.269	-0.455	-0.724	-0.989
8781	87.80	-1.153	-1.156	-0.997	-0.743	-0.498	-0.359	-0.380	-0.552	-0.809	-1.055
8791	87.90	-1.203	-1.197	-1.035	-0.756	-0.430	-0.128	0.095	0.215	0.246	0.233
8801	88.00	0.237	0.315	0.500	0.785	1.119	1.424	1.622	1.664	1.554	1.356
8811	88.10	1.165	1.074	1.133	1.321	1.556	1.724	1.729	1.542	1.217	0.873
8821	88.20	0.642	0.617	0.799	1.102	1.383	1.506	1.408	1.120	0.761	0.473
8831	88.30	0.355	0.408	0.534	0.577	0.408	-0.015	-0.606	-1.187	-1.559	-1.595
8841	88.40	-1.301	-0.816	-0.354	-0.107	-0.143	-0.464	-0.836	-1.074	-1.034	-0.697
8851	88.50	-0.175	0.352	0.714	0.833	0.747	0.579	0.461	0.449	0.577	0.677
8861	88.60	0.637	0.372	-0.107	-0.699	-1.252	-1.638	-1.798	-1.764	-1.629	-1.491
8871	88.70	-1.405	-1.365	-1.319	-1.219	-1.057	-0.883	-0.781	-0.820	-1.006	-1.263
8881	88.80	-1.458	-1.456	-1.191	-0.704	-0.137	0.321	0.516	0.393	0.024	-0.421
8891	88.90	-0.753	-0.837	-0.653	-0.297	0.074	0.313	0.354	0.236	0.080	0.022
8901	89.00	0.143	0.427	0.766	1.018	1.074	0.920	0.643	0.394	0.314	0.462
8911	89.10	0.782	1.124	1.309	1.207	0.801	0.186	-0.468	-0.998	-1.315	-1.438
8921	89.20	-1.470	-1.539	-1.727	-2.023	-2.325	-2.494	-2.415	-2.067	-1.532	-0.970
8931	89.30	-0.550	-0.379	-0.456	-0.681	-0.896	-0.962	-0.811	-0.483	-0.097	0.200
8941	89.40	0.296	0.162	-0.131	-0.448	-0.640	-0.599	-0.296	0.216	0.833	1.441
8951	89.50	1.961	2.364	2.666	2.901	3.088	3.214	3.238	3.122	2.859	2.493
8961	89.60	2.118	1.842	1.742	1.825	2.021	2.212	2.280	2.148	1.905	1.595
8971	89.70	1.364	1.297	1.385	1.525	1.562	1.365	0.900	0.259	-0.370	-0.777
8981	89.80	-0.828	-0.526	-0.019	0.461	0.691	0.557	0.099	-0.512	-1.046	-1.316
8991	89.90	-1.251	-0.922	-0.496	-0.158	-0.028	-0.115	-0.326	-0.520	-0.579	-0.463

Table 7-82-19

TABLE OF CORRECTFD ACCELERATION RECORD NO.19

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	-0.221	0.039	0.208	0.230	0.126	-0.026	-0.136	-0.153	-0.093	-0.028
9011	90.10	-0.053	-0.222	-0.522	-0.868	-1.139	-1.243	-1.159	-0.956	-0.767	-0.725
9021	90.20	-0.900	-1.266	-1.707	-2.070	-2.242	-2.199	-2.021	-1.847	-1.806	-1.948
9031	90.30	-2.214	-2.462	-2.534	-2.336	-1.888	-1.315	-0.794	-0.466	-0.373	-0.444
9041	90.40	-0.536	-0.507	-0.290	0.073	0.460	0.730	0.796	0.661	0.413	0.169
9051	90.50	0.014	-0.042	-0.054	-0.102	-0.231	-0.415	-0.569	-0.590	-0.419	-0.080
9061	90.60	0.322	0.653	0.807	0.761	0.575	0.364	0.229	0.212	0.284	0.366
9071	90.70	0.382	0.303	0.159	0.014	-0.072	-0.083	-0.056	-0.050	-0.110	-0.230
9081	90.80	-0.351	-0.392	-0.295	-0.058	0.254	0.542	0.724	0.774	0.730	0.674
9091	99.90	0.686	0.798	0.991	1.204	1.378	1.486	1.544	1.589	1.652	1.726
9101	91.00	1.767	1.724	1.575	1.348	1.121	0.983	0.989	1.125	1.310	1.440
9111	91.10	1.437	1.296	1.087	0.918	0.869	0.946	1.061	1.072	0.849	0.344
9121	91.20	-0.378	-1.154	-1.787	-2.126	-2.118	-1.829	-1.403	-1.000	-0.732	-0.632
9131	91.30	-0.655	-0.720	-0.751	-0.714	-0.627	-0.538	-0.499	-0.539	-0.647	-0.784
9141	91.40	-0.899	-0.947	-0.910	-0.799	-0.650	-0.509	-0.417	-0.392	-0.424	-0.471
9151	91.50	-0.478	-0.392	-0.193	0.097	0.408	0.644	0.720	0.596	0.296	-0.090
9161	91.60	-0.438	-0.640	-0.642	-0.466	-0.201	0.033	0.135	0.061	-0.166	-0.472
9171	91.70	-0.763	-0.970	-1.067	-1.073	-1.033	-0.989	-0.955	-0.914	-0.826	-0.666
9181	91.80	-0.347	0.068	0.561	1.072	1.529	1.862	2.017	1.964	1.711	1.300
9191	91.90	0.815	0.359	0.042	-0.060	0.077	0.404	0.814	1.170	1.345	1.270
9201	92.00	0.953	0.479	-0.019	-0.405	-0.586	-0.536	-0.299	0.035	0.366	0.621
9211	92.10	0.774	0.844	0.873	0.902	0.949	0.999	1.014	0.959	0.619	0.612
9221	92.20	0.386	0.200	0.104	0.111	0.200	0.317	0.401	0.404	0.311	0.140
9231	92.30	-0.064	-0.257	-0.408	-0.514	-0.595	-0.684	-0.806	-0.965	-1.140	-1.291
9241	92.40	-1.384	-1.403	-1.361	-1.303	-1.278	-1.327	-1.459	-1.642	-1.818	-1.925
9251	92.50	-1.920	-1.800	-1.602	-1.389	-1.224	-1.141	-1.135	-1.167	-1.185	-1.149
9261	92.60	-1.054	-0.932	-0.835	-0.813	-0.882	-1.018	-1.164	-1.246	-1.210	-1.038
9271	92.70	-0.751	-0.401	-0.041	0.290	0.582	0.846	1.103	1.359	1.601	1.795
9281	92.80	1.903	1.902	1.797	1.623	1.434	1.290	1.229	1.262	1.370	1.513
9291	92.90	1.645	1.728	1.738	1.674	1.545	1.368	1.157	0.922	0.663	0.382
9301	93.00	0.080	-0.234	-0.541	-0.817	-1.038	-1.189	-1.264	-1.272	-1.224	-1.131
9311	93.10	-0.994	-0.805	-0.553	-0.239	0.119	0.480	0.794	1.017	1.130	1.152
9321	93.20	1.132	1.130	1.186	1.307	1.454	1.560	1.561	1.420	1.150	0.802
9331	93.30	0.447	0.145	-0.080	-0.246	-0.398	-0.578	-0.809	-1.075	-1.334	-1.536
9341	93.40	-1.648	-1.669	-1.627	-1.563	-1.512	-1.488	-1.477	-1.451	-1.379	-1.242
9351	93.50	-1.040	-0.787	-0.503	-0.208	0.081	0.347	0.574	0.743	0.841	0.866
9361	93.60	0.833	0.775	0.732	0.735	0.790	0.881	0.969	1.012	0.987	0.897
9371	93.70	0.774	0.665	0.614	0.639	0.724	0.824	0.880	0.836	0.665	0.375
9381	93.80	0.005	-0.380	-0.710	-0.930	-1.007	-0.946	-0.783	-0.576	-0.392	-0.284
9391	93.90	-0.277	-0.360	-0.489	-0.596	-0.620	-0.523	-0.310	-0.028	0.248	0.440
9401	94.00	0.498	0.415	0.233	0.023	-0.138	-0.197	-0.145	-0.016	0.129	0.227
9411	94.10	0.239	0.163	0.029	-0.112	-0.217	-0.263	-0.256	-0.219	-0.183	-0.162
9421	94.20	-0.151	-0.127	-0.064	0.051	0.212	0.389	0.542	0.633	0.642	0.569
9431	94.30	0.437	0.277	0.123	0.002	-0.071	-0.090	-0.060	0.005	0.084	0.150
9441	94.40	0.180	0.166	0.115	0.067	0.072	0.172	0.388	0.695	1.032	1.308
9451	94.50	1.440	1.375	1.111	0.693	0.196	-0.304	-0.754	-1.132	-1.442	-1.697
9461	94.60	-1.897	-2.024	-2.049	-1.947	-1.718	-1.394	-1.039	-0.726	-0.514	-0.427
9471	94.70	-0.445	-0.515	-0.568	-0.545	-0.413	-0.176	0.129	0.447	0.723	0.918
9481	94.80	1.020	1.042	1.016	0.984	0.977	1.011	1.082	1.172	1.260	1.329
9491	94.90	1.371	1.384	1.363	1.293	1.150	0.911	0.573	0.168	-0.232	-0.535

Table 7-82-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	-0.662	-0.580	-0.325	-0.003	0.248	0.308	0.123	-0.270	-0.760	-1.201
9511	95.10	-1.472	-1.522	-1.381	-1.142	-0.911	-0.760	-0.699	-0.687	-0.657	-0.562
9521	95.20	-0.403	-0.228	-0.107	-0.098	-0.212	-0.409	-0.609	-0.735	-0.741	-0.630
9531	95.30	-0.456	-0.290	-0.197	-0.211	-0.320	-0.484	-0.617	-0.763	-0.801	-0.756
9541	95.40	-0.638	-0.470	-0.274	-0.074	0.111	0.265	0.374	0.430	0.430	0.376
9551	95.50	0.277	0.153	0.033	-0.044	-0.037	0.090	0.347	0.715	1.138	1.537
9561	95.60	1.828	1.951	1.889	1.671	1.360	1.029	0.734	0.495	0.360	0.115
9571	95.70	-0.087	-0.317	-0.556	-0.769	-0.920	-0.991	-0.983	-0.922	-0.835	-0.749
9581	95.80	-0.673	-0.609	-0.550	-0.493	-0.442	-0.404	-0.387	-0.397	-0.435	-0.503
9591	95.90	-0.599	-0.724	-0.863	-0.988	-1.054	-1.008	-0.816	-0.480	-0.051	0.380
9601	96.00	0.708	0.857	0.809	0.618	0.386	0.223	0.200	0.313	0.489	0.623
9611	96.10	0.622	0.462	0.194	-0.067	-0.201	-0.135	0.120	0.471	0.781	0.931
9621	96.20	0.869	0.634	0.335	0.102	0.028	0.133	0.352	0.577	0.698	0.657
9631	96.30	0.466	0.197	-0.054	-0.209	-0.242	-0.181	-0.088	-0.026	-0.029	-0.089
9641	96.40	-0.168	-0.220	-0.218	-0.167	-0.100	-0.063	-0.088	-0.182	-0.320	-0.460
9651	96.50	-0.560	-0.592	-0.553	-0.460	-0.344	-0.239	-0.174	-0.165	-0.217	-0.319
9661	96.60	-0.443	-0.551	-0.599	-0.557	-0.420	-0.218	-0.011	0.135	0.173	0.104
9671	96.70	-0.016	-0.093	-0.037	0.202	0.599	1.059	1.451	1.662	1.648	1.448
9681	96.80	1.172	0.947	0.859	0.914	1.037	1.117	1.064	0.864	0.594	0.390
9691	96.90	0.383	0.633	1.089	1.606	1.999	2.127	1.950	1.548	1.085	0.737
9701	97.00	0.610	0.702	0.903	1.054	1.020	0.752	0.306	-0.182	-0.566	-0.747
9711	97.10	-0.722	-0.571	-0.419	-0.373	-0.472	-0.677	-0.896	-1.032	-1.036	-0.931
9721	97.20	-0.800	-0.746	-0.836	-1.069	-1.371	-1.627	-1.731	-1.636	-1.370	-1.031
9731	97.30	-0.735	-0.571	-0.567	-0.676	-0.813	-0.890	-0.861	-0.737	-0.581	-0.467
9741	97.40	-0.447	-0.528	-0.667	-0.803	-0.886	-0.907	-0.898	-0.920	-1.020	-1.211
9751	97.50	-1.454	-1.673	-1.790	-1.753	-1.564	-1.267	-0.932	-0.621	-0.362	-0.143
9761	97.60	0.075	0.329	0.634	0.970	1.291	1.543	1.691	1.731	1.687	1.599
9771	97.70	1.507	1.432	1.373	1.318	1.247	1.150	1.027	0.888	0.744	0.610
9781	97.80	0.499	0.422	0.386	0.396	0.443	0.505	0.547	0.532	0.434	0.252
9791	97.90	0.013	-0.235	-0.439	-0.563	-0.602	-0.575	-0.523	-0.476	-0.447	-0.423
9801	98.00	-0.378	-0.287	-0.148	0.011	0.147	0.210	0.172	0.037	-0.162	-0.374
9811	98.10	-0.550	-0.661	-0.701	-0.687	-0.646	-0.603	-0.582	-0.598	-0.662	-0.775
9821	98.20	-0.931	-1.105	-1.256	-1.340	-1.321	-1.198	-1.006	-0.818	-0.713	-0.749
9831	98.30	-0.926	-1.185	-1.415	-1.501	-1.363	-0.997	-0.474	0.080	0.537	0.812
9841	98.40	0.894	0.847	0.773	0.773	0.898	1.131	1.403	1.620	1.714	1.666
9851	98.50	1.518	1.350	1.247	1.261	1.393	1.595	1.792	1.916	1.932	1.842
9861	98.60	1.681	1.491	1.301	1.111	0.903	0.654	0.361	0.053	-0.210	-0.362
9871	98.70	-0.362	-0.216	0.015	0.229	0.325	0.241	-0.016	-0.372	-0.708	-0.913
9881	98.80	-0.928	-0.769	-0.526	-0.319	-0.253	-0.367	-0.618	-0.898	-1.078	-1.061
9891	98.90	-0.827	-0.437	-0.014	0.307	0.430	0.325	0.042	-0.322	-0.657	-0.885
9901	99.00	-0.978	-0.964	-0.904	-0.861	-0.879	-0.960	-1.075	-1.173	-1.207	-1.152
9911	99.10	-1.016	-0.835	-0.662	-0.547	-0.516	-0.559	-0.635	-0.680	-0.635	-0.468
9921	99.20	-0.188	0.151	0.475	0.712	0.822	0.812	0.732	0.654	0.639	0.711
9931	99.30	0.850	1.003	1.110	1.136	1.081	0.983	0.892	0.842	0.832	0.824
9941	99.40	0.763	0.606	0.349	0.031	-0.275	-0.493	-0.576	-0.524	-0.382	-0.217
9951	99.50	-0.091	-0.036	-0.047	-0.094	-0.139	-0.161	-0.158	-0.142	-0.126	-0.109
9961	99.60	-0.073	0.009	0.151	0.342	0.543	0.701	0.769	0.733	0.618	0.483
9971	99.70	0.392	0.390	0.478	0.618	0.749	0.817	0.802	0.725	0.639	0.600
9981	99.80	0.638	0.739	0.855	0.919	0.882	0.736	0.517	0.291	0.124	0.052
9991	99.90	0.067	0.123	0.160	0.127	0.008	-0.180	-0.396	-0.599	-0.757	-0.859

Table 7-82-21

TABLE OF CORRECTED ACCELERATION RECORD NO.21

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10001	100.00	-0.903	-0.886	-0.797	-0.620	-0.355	-0.028	0.299	0.543	0.626	0.510
10011	100.10	0.212	-0.191	-0.598	-0.921	-1.122	-1.225	-1.296	-1.411	-1.608	-1.867
10021	100.20	-2.126	-2.298	-2.335	-2.248	-2.105	-2.001	-2.007	-2.128	-2.293	-2.384
10031	100.30	-2.288	-1.953	-1.422	-0.819	-0.303	0.001	0.055	-0.077	-0.253	-0.311
10041	100.40	-0.140	0.279	0.865	1.474	1.953	2.199	2.187	1.975	1.668	1.378
10051	100.50	1.179	1.097	1.108	1.168	1.233	1.281	1.311	1.336	1.359	1.369
10061	100.60	1.333	1.216	0.995	0.679	0.312	-0.041	-0.318	-0.481	-0.532	-0.514
10071	100.70	-0.482	-0.482	-0.526	-0.586	-0.608	-0.546	-0.385	-0.162	0.051	0.177
10081	100.80	0.173	0.057	-0.093	-0.170	-0.082	0.198	0.616	1.059	1.395	1.535
10091	100.90	1.464	1.251	1.011	0.855	0.836	0.935	1.075	1.164	1.147	1.030
10101	101.00	0.878	0.775	0.779	0.887	1.031	1.114	1.049	0.811	0.443	0.045
10111	101.10	-0.279	-0.459	-0.494	-0.441	-0.386	-0.402	-0.517	-0.704	-0.901	-1.045
10121	101.20	-1.103	-1.087	-1.041	-1.021	-1.064	-1.178	-1.335	-1.493	-1.614	-1.678
10131	101.30	-1.685	-1.650	-1.589	-1.512	-1.420	-1.308	-1.173	-1.015	-0.839	-0.647
10141	101.40	-0.440	-0.216	0.020	0.258	0.472	0.635	0.724	0.732	0.674	0.584
10151	101.50	0.503	0.462	0.474	0.534	0.620	0.703	0.762	0.780	0.744	0.647
10161	101.60	0.484	0.264	0.008	-0.237	-0.418	-0.485	-0.417	-0.236	-0.003	0.202
10171	101.70	0.309	0.292	0.182	0.052	-0.012	0.048	0.232	0.482	0.707	0.823
10181	101.80	0.791	0.632	0.421	0.249	0.186	0.251	0.413	0.607	0.774	0.882
10191	101.90	0.938	0.975	1.028	1.106	1.185	1.216	1.150	0.961	0.667	0.320
10201	102.00	-0.011	-0.268	-0.425	-0.498	-0.534	-0.588	-0.705	-0.903	-1.166	-1.458
10211	102.10	-1.734	-1.960	-2.120	-2.217	-2.269	-2.298	-2.314	-2.314	-2.281	-2.192
10221	102.20	-2.034	-1.811	-1.554	-1.304	-1.104	-0.971	-0.890	-0.812	-0.679	-0.451
10231	102.30	-0.130	0.228	0.536	0.708	0.704	0.547	0.326	0.154	0.124	0.263
10241	102.40	0.522	0.800	0.991	1.036	0.949	0.806	0.704	0.710	0.820	0.964
10251	102.50	1.040	0.974	0.759	0.466	0.215	0.116	0.214	0.467	0.760	0.965
10261	102.60	0.993	0.839	0.575	0.316	0.159	0.143	0.235	0.359	0.440	0.443
10271	102.70	0.395	0.359	0.397	0.532	0.727	0.903	0.974	0.890	0.662	0.360
10281	102.80	0.077	-0.107	-0.160	-0.107	-0.013	0.051	0.038	-0.061	-0.217	-0.385
10291	102.90	-0.525	-0.619	-0.671	-0.698	-0.714	-0.722	-0.708	-0.651	-0.534	-0.352
10301	103.00	-0.123	0.119	0.327	0.458	0.484	0.402	0.239	0.046	-0.116	-0.191
10311	103.10	-0.157	-0.025	0.153	0.307	0.370	0.308	0.130	-0.115	-0.356	-0.531
10321	103.20	-0.605	-0.584	-0.502	-0.407	-0.334	-0.298	-0.292	-0.299	-0.309	-0.323
10331	103.30	-0.351	-0.398	-0.457	-0.499	-0.487	-0.387	-0.192	0.075	0.341	0.603
10341	103.40	0.753	0.787	0.722	0.598	0.468	0.375	0.346	0.386	0.484	0.616
10351	103.50	0.758	0.885	0.977	1.022	1.016	0.970	0.905	0.844	0.808	0.802
10361	103.60	0.817	0.833	0.833	0.807	0.763	0.715	0.672	0.636	0.591	0.517
10371	103.70	0.405	0.269	0.144	0.077	0.098	0.205	0.357	0.488	0.539	0.487
10381	103.80	0.362	0.229	0.162	0.200	0.327	0.470	0.538	0.463	0.234	-0.090
10391	103.90	-0.410	-0.635	-0.722	-0.700	-0.650	-0.665	-0.798	-1.038	-1.312	-1.525
10401	104.00	-1.609	-1.557	-1.421	-1.286	-1.218	-1.229	-1.269	-1.254	-1.112	-0.829
10411	104.10	-0.461	-0.112	0.113	0.161	0.053	-0.127	-0.274	-0.319	-0.260	-0.161
10421	104.20	-0.122	-0.219	-0.467	-0.808	-1.138	-1.358	-1.417	-1.337	-1.195	-1.085
10431	104.30	-1.069	-1.147	-1.258	-1.321	-1.270	-1.096	-0.848	-0.612	-0.462	-0.428
10441	104.40	-0.479	-0.536	-0.512	-0.354	-0.069	0.281	0.604	0.822	0.906	0.886
10451	104.50	0.833	0.835	0.948	1.186	1.507	1.842	2.118	2.288	2.342	2.305
10461	104.60	2.220	2.128	2.050	1.980	1.890	1.743	1.504	1.157	0.708	0.192
10471	104.70	-0.335	-0.812	-1.180	-1.408	-1.492	-1.466	-1.386	-1.316	-1.303	-1.368
10481	104.80	-1.499	-1.658	-1.802	-1.897	-1.927	-1.893	-1.803	-1.660	-1.459	-1.193
10491	104.90	-0.862	-0.493	-0.135	0.153	0.325	0.373	0.336	0.292	0.324	0.484

Table 7-82-22

TABLE OF CORRECTED ACCELERATION RECORD NO.22

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10501	105.00	0.773	1.130	1.462	1.682	1.748	1.678	1.544	1.433	1.410	1.490
10511	105.10	1.636	1.781	1.862	1.848	1.748	1.599	1.438	1.282	1.116	0.911
10521	105.20	0.640	0.308	-0.051	-0.381	-0.629	-0.777	-0.840	-0.865	-0.902	-0.981
10531	105.30	-1.096	-1.215	-1.297	-1.322	-1.300	-1.268	-1.271	-1.333	-1.441	-1.543
10541	105.40	-1.571	-1.468	-1.218	-0.851	-0.441	-0.077	0.170	0.265	0.226	0.108
10551	105.50	-0.013	-0.071	-0.028	0.110	0.302	0.483	0.593	0.596	0.497	0.336
10561	105.60	0.178	0.086	0.096	0.199	0.350	0.482	0.536	0.485	0.344	0.159
10571	105.70	-0.014	-0.139	-0.211	-0.257	-0.312	-0.399	-0.510	-0.608	-0.649	-0.600
10581	105.80	-0.467	-0.289	-0.125	-0.022	0.008	-0.009	-0.025	0.004	0.093	0.215
10591	105.90	0.317	0.351	0.295	0.172	0.037	-0.048	-0.049	0.026	0.130	0.203
10601	106.00	0.202	0.126	0.017	-0.066	-0.076	-0.005	0.110	0.207	0.230	0.163
10611	106.10	0.038	-0.072	-0.091	0.025	0.265	0.565	0.831	0.983	0.983	0.851
10621	106.20	0.651	0.459	0.330	0.271	0.248	0.206	0.103	-0.060	-0.236	-0.347
10631	106.30	-0.323	-0.139	0.170	0.512	0.773	0.860	0.742	0.457	0.098	-0.228
10641	106.40	-0.444	-0.532	-0.530	-0.507	-0.527	-0.611	-0.733	-0.833	-0.847	-0.746
10651	106.50	-0.547	-0.306	-0.089	0.055	0.112	0.107	0.078	0.056	0.048	0.040
10561	106.60	0.015	-0.026	-0.054	-0.022	0.116	0.371	0.710	1.062	1.340	1.482
10671	106.70	1.472	1.345	1.172	1.031	0.975	1.019	1.145	1.309	1.464	1.568
10681	106.80	1.589	1.503	1.297	0.979	0.582	0.166	-0.197	-0.450	-0.574	-0.611
10691	106.90	-0.643	-0.766	-1.041	-1.460	-1.939	-2.352	-2.583	-2.575	-2.359	-2.034
10701	107.00	-1.726	-1.525	-1.452	-1.456	-1.450	-1.363	-1.176	-0.932	-0.705	-0.558
10711	107.10	-0.503	-0.493	-0.448	-0.300	-0.031	0.312	0.642	0.875	0.970	0.952
10721	107.20	0.893	0.872	0.933	1.063	1.205	1.290	1.281	1.192	1.080	1.012
10731	107.30	1.024	1.095	1.159	1.134	0.966	0.662	0.284	-0.075	-0.334	-0.460
10741	107.40	-0.479	-0.458	-0.467	-0.548	-0.700	-0.881	-1.040	-1.136	-1.157	-1.118
10751	107.50	-1.044	-0.955	-0.861	-0.767	-0.680	-0.619	-0.609	-0.664	-0.772	-0.888
10761	107.60	-0.948	-0.895	-0.707	-0.417	-0.100	0.155	0.287	0.285	0.196	0.096
10771	107.70	0.047	0.070	0.128	0.158	0.104	-0.043	-0.229	-0.360	-0.350	-0.166
10781	107.80	0.145	0.473	0.692	0.719	0.556	0.290	0.056	-0.027	0.088	0.358
10791	107.90	0.672	0.906	0.984	0.913	0.774	0.677	0.703	0.860	1.078	1.246
10801	108.00	1.269	1.112	0.822	0.501	0.254	0.141	0.150	0.205	0.213	0.111
10811	108.10	-0.094	-0.330	-0.494	-0.506	-0.349	-0.082	0.182	0.326	0.277	0.039
10821	108.20	-0.313	-0.667	-0.919	-1.011	-0.951	-0.794	-0.616	-0.478	-0.401	-0.371
10831	108.30	-0.347	-0.293	-0.197	-0.078	0.024	0.065	0.023	-0.091	-0.234	-0.344
10841	108.40	-0.366	-0.273	-0.081	0.156	0.361	0.467	0.435	0.274	0.036	-0.202
10851	108.50	-0.368	-0.418	-0.356	-0.223	-0.089	-0.018	-0.053	-0.200	-0.427	-0.682
10861	108.60	-0.907	-1.052	-1.088	-1.008	-0.829	-0.586	-0.330	-0.116	0.009	0.020
10871	108.70	-0.076	-0.236	-0.391	-0.466	-0.412	-0.220	0.074	0.400	0.685	0.878
10881	108.80	0.968	0.984	0.975	0.982	1.022	1.079	1.122	1.120	1.066	0.982
10891	108.90	0.904	0.867	0.878	0.916	0.937	0.897	0.780	0.606	0.430	0.314
10901	109.00	0.302	0.396	0.553	0.695	0.744	0.651	0.420	0.103	-0.211	-0.434
10911	109.10	-0.508	-0.427	-0.241	-0.035	0.100	0.099	-0.052	-0.317	-0.618	-0.872
10921	109.20	-1.020	-1.047	-0.990	-0.911	-0.875	-0.914	-1.019	-1.139	-1.214	-1.203
10931	109.30	-1.108	-0.972	-0.865	-0.843	-0.923	-1.073	-1.222	-1.293	-1.243	-1.078
10941	109.40	-0.856	-0.653	-0.529	-0.501	-0.527	-0.536	-0.452	-0.242	0.074	0.422
10951	109.50	0.706	0.846	0.811	0.629	0.377	0.148	0.023	0.042	0.193	0.428
10961	109.60	0.675	0.873	0.981	0.991	0.923	0.814	0.699	0.602	0.533	0.480
10971	109.70	0.429	0.365	0.283	0.193	0.114	0.065	0.064	0.116	0.219	0.362
10981	109.80	0.532	0.715	0.895	1.048	1.146	1.158	1.068	0.880	0.631	0.376
10991	109.90	0.179	0.086	0.105	0.204	0.324	0.402	0.400	0.322	0.208	0.115

Table 7-82-23

TABLE OF CORRECTED ACCELERATION RECORD NO.23

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11001	110.00	0.090	0.150	0.277	0.431	0.569	0.668	0.725	0.757	0.778	0.794
11011	110.10	0.795	0.766	0.703	0.618	0.535	0.482	0.470	0.482	0.483	0.435
11021	110.20	0.316	0.137	-0.066	-0.243	-0.359	-0.401	-0.385	-0.341	-0.295	-0.261
11031	110.30	-0.243	-0.250	-0.299	-0.423	-0.646	-0.963	-1.324	-1.641	-1.817	-1.792
11041	110.40	-1.572	-1.264	-0.936	-0.764	-0.777	-0.934	-1.122	-1.210	-1.120	-0.864
11051	110.50	-0.536	-0.270	-0.162	-0.224	-0.375	-0.484	-0.438	-0.207	0.140	0.468
11061	110.60	0.643	0.606	0.398	0.144	-0.013	0.012	0.208	0.471	0.662	0.678
11071	110.70	0.507	0.231	-0.017	-0.124	-0.053	0.141	0.340	0.427	0.347	0.132
11081	110.80	-0.118	-0.292	-0.321	-0.216	-0.061	0.035	-0.008	-0.205	-0.497	-0.786
11091	110.90	-0.981	-1.042	-0.992	-0.898	-0.834	-0.842	-0.915	-1.005	-1.052	-1.017
11101	111.00	-0.902	-0.747	-0.609	-0.529	-0.515	-0.535	-0.532	-0.456	-0.287	-0.046
11111	111.10	0.211	0.413	0.506	0.474	0.346	0.181	0.047	-0.013	0.008	0.076
11121	111.20	0.136	0.163	0.083	-0.015	-0.089	-0.077	0.053	0.282	0.541	0.737
11131	111.30	0.795	0.683	0.439	0.143	-0.112	-0.262	-0.292	-0.239	-0.159	-0.098
11141	111.40	-0.066	-0.036	0.036	0.179	0.382	0.599	0.771	0.855	0.854	0.814
11151	111.50	0.799	0.852	0.974	1.115	1.204	1.191	1.075	0.915	0.797	0.790
11161	111.60	0.906	1.087	1.230	1.240	1.078	0.783	0.458	0.217	0.132	0.196
11171	111.70	0.333	0.433	0.414	0.256	0.010	-0.231	-0.383	-0.408	-0.329	-0.213
11181	111.80	-0.129	-0.119	-0.185	-0.301	-0.440	-0.594	-0.774	-0.993	-1.242	-1.470
11191	111.90	-1.603	-1.577	-1.375	-1.046	-0.695	-0.436	-0.344	-0.416	-0.575	-0.710
11201	112.00	-0.733	-0.621	-0.425	-0.236	-0.126	-0.108	-0.119	-0.060	0.149	0.512
11211	112.10	0.941	1.289	1.419	1.274	0.913	0.492	0.194	0.151	0.377	0.770
11221	112.20	1.155	1.365	1.316	1.038	0.650	0.300	0.098	0.068	0.154	0.263
11231	112.30	0.312	0.274	0.184	0.104	0.086	0.135	0.205	0.227	0.149	-0.035
11241	112.40	-0.270	-0.471	-0.563	-0.516	-0.361	-0.170	-0.026	0.026	-0.009	-0.077
11251	112.50	-0.111	-0.064	0.061	0.213	0.320	0.321	0.198	-0.013	-0.240	-0.407
11261	112.60	-0.466	-0.414	-0.298	-0.187	-0.146	-0.207	-0.364	-0.577	-0.793	-0.966
11271	112.70	-1.071	-1.110	-1.098	-1.058	-1.005	-0.940	-0.855	-0.740	-0.590	-0.409
11281	112.80	-0.220	-0.053	0.062	0.192	0.060	-0.048	-0.186	-0.311	-0.386	-0.394
11291	112.90	-0.343	-0.269	-0.217	-0.223	-0.298	-0.418	-0.535	-0.598	-0.578	-0.482
11301	113.00	-0.360	-0.275	-0.281	-0.390	-0.559	-0.709	-0.751	-0.631	-0.357	0.001
11311	113.10	0.338	0.554	0.602	0.502	0.337	0.208	0.195	0.317	0.525	0.730
11321	113.20	0.847	0.833	0.710	0.553	0.453	0.469	0.604	0.798	0.962	1.014
11331	113.30	0.926	0.734	0.521	0.379	0.366	0.479	0.658	0.814	0.873	0.811
11341	113.40	0.666	0.514	0.436	0.476	0.619	0.798	0.926	0.934	0.805	0.577
11351	113.50	0.326	0.128	0.025	0.008	0.028	0.027	-0.029	-0.128	-0.220	-0.237
11361	113.60	-0.136	0.075	0.333	0.546	0.629	0.546	0.327	0.057	-0.160	-0.247
11371	113.70	-0.183	-0.014	0.178	0.309	0.329	0.245	0.107	-0.020	-0.092	-0.100
11381	113.80	-0.076	-0.066	-0.106	-0.196	-0.302	-0.373	-0.367	-0.274	-0.120	0.039
11391	113.90	0.151	0.183	0.139	0.050	-0.041	-0.103	-0.127	-0.130	-0.142	-0.192
11401	114.00	-0.291	-0.432	-0.594	-0.751	-0.879	-0.966	-1.006	-1.001	-0.963	-0.905
11411	114.10	-0.849	-0.816	-0.823	-0.876	-0.964	-1.062	-1.140	-1.175	-1.161	-1.109
11421	114.20	-1.042	-0.979	-0.928	-0.882	-0.825	-0.741	-0.632	-0.512	-0.402	-0.318
11431	114.30	-0.261	-0.216	-0.167	-0.107	-0.054	-0.042	-0.106	-0.255	-0.456	-0.635
11441	114.40	-0.705	-0.601	-0.317	0.086	0.494	0.788	0.895	0.817	0.631	0.457
11451	114.50	0.400	0.507	0.743	1.009	1.188	1.199	1.030	0.763	0.446	0.239
11461	114.60	0.179	0.253	0.396	0.522	0.567	0.514	0.398	0.285	0.243	0.304
11471	114.70	0.459	0.662	0.851	0.975	1.017	0.997	0.956	0.943	0.986	1.080
11481	114.80	1.189	1.259	1.239	1.108	0.881	0.612	0.375	0.234	0.223	0.323
11491	114.90	0.479	0.611	0.655	0.581	0.412	0.203	0.020	-0.098	-0.157	-0.204

Table 7-82-24

TABLE OF CORRECTED ACCELERATION RECORD NO.24

INDEX NO. 1274 S104-GR-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -74.373 (GAL) T= 18.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11501	115.00	-0.300	-0.485	-0.750	-1.032	-1.238	-1.286	-1.150	-0.873	-0.559	-0.330
11511	115.10	-0.275	-0.413	-0.685	-0.988	-1.216	-1.313	-1.284	-1.191	-1.107	-1.078
11521	115.20	-1.096	-1.104	-1.031	-0.836	-0.534	-0.198	0.072	0.196	0.153	-0.008
11531	115.30	-0.188	-0.283	-0.230	-0.033	0.243	0.503	0.665	0.693	0.605	0.456
11541	115.40	0.309	0.206	0.156	0.142	0.140	0.135	0.132	0.146	0.190	0.260
11551	115.50	0.333	0.378	0.371	0.310	0.219	0.132	0.079	0.074	0.106	0.149
11561	115.60	0.177	0.178	0.156	0.124	0.093	0.064	0.028	-0.027	-0.100	-0.175
11571	115.70	-0.219	-0.205	-0.123	0.003	0.126	0.194	0.172	0.062	-0.098	-0.252
11581	115.80	-0.349	-0.371	-0.337	-0.289	-0.273	-0.308	-0.382	-0.455	-0.485	-0.449
11591	115.90	-0.353	-0.230	-0.117	-0.039	0.007	0.041	0.089	0.156	0.227	0.268
11601	116.00	0.254	0.188	0.107	0.072	0.137	0.315	0.569	0.817	0.970	0.973
11611	116.10	0.834	0.623	0.442	0.375	0.449	0.621	0.792	0.861	0.767	0.520
11621	116.20	0.199	-0.093	-0.271	-0.310	-0.252	-0.179	-0.167	-0.250	-0.401	-0.547
11631	116.30	-0.614	-0.571	-0.444	-0.316	-0.273	-0.379	-0.619	-0.912	-1.140	-1.202
11641	116.40	-1.055	-0.741	-0.361	-0.039	0.132	0.126	-0.014	-0.203	-0.355	-0.419
11651	116.50	-0.391	-0.311	-0.227	-0.171	-0.143	-0.118	-0.064	0.036	0.169	0.304
11661	116.60	0.407	0.462	0.478	0.484	0.506	0.550	0.596	0.604	0.545	0.424
11671	116.70	0.284	0.199	0.236	0.621	0.718	1.037	1.263	1.309	1.148	0.831
11681	116.80	0.458	0.142	-0.044	-0.091	-0.054	-0.018	-0.056	-0.183	-0.373	-0.554
11691	116.90	-0.654	-0.639	-0.525	-0.369	-0.237	-0.177	-0.188	-0.232	-0.251	-0.198
11701	117.00	-0.064	0.120	0.294	0.402	0.408	0.317	0.170	0.025	-0.066	-0.071
11711	117.10	0.010	0.147	0.298	0.412	0.448	0.382	0.214	-0.034	-0.314	-0.571
11721	117.20	-0.753	-0.827	-0.792	-0.683	-0.552	-0.456	-0.427	-0.463	-0.533	-0.594
11731	117.30	-0.611	-0.577	-0.519	-0.478	-0.487	-0.550	-0.635	-0.687	-0.654	-0.516
11741	117.40	-0.297	-0.058	0.132	0.223	0.212	0.137	0.063	0.046	0.105	0.216
11751	117.50	0.327	0.385	0.366	0.289	0.205	0.172	0.219	0.333	0.463	0.543
11761	117.60	0.530	0.425	0.273	0.146	0.104	0.168	0.311	0.470	0.580	0.608
11771	117.70	0.564	0.498	0.469	0.516	0.630	0.764	0.852	0.845	0.736	0.566
11781	117.80	0.401	0.299	0.281	0.319	0.350	0.312	0.180	-0.019	-0.214	-0.322
11791	117.90	-0.296	-0.149	0.041	0.161	0.116	-0.131	-0.535	-0.983	-1.340	-1.502
11801	118.00	-1.438	-1.198	-0.893	-0.639	-0.516	-0.535	-0.641	-0.752	-0.792	-0.733
11811	118.10	-0.599	-0.450	-0.349	-0.327	-0.371	-0.428	-0.439	-0.368	-0.221	-0.046
11821	118.20	0.095	0.152	0.116	0.021	-0.074	-0.115	-0.078	0.015	0.106	0.130
11831	118.30	0.044	-0.147	-0.395	-0.625	-0.766	-0.776	-0.664	-0.475	-0.278	-0.133
11841	118.40	-0.073	-0.099	-0.177	-0.262	-0.307	-0.284	-0.187	-0.029	0.157	0.331
11851	118.50	0.457	0.505	0.468	0.360	0.220	0.100	0.054	0.115	0.289	0.543
11861	118.60	0.825	1.074	1.244	1.320	1.320	1.281	1.241	1.226	1.233	1.245
11871	118.70	1.236	1.190	1.114	1.029	0.965	0.939	0.946	0.954	0.920	0.802
11881	118.80	0.586	0.287	-0.045	-0.350	-0.572	-0.682	-0.688	-0.631	-0.572	-0.568
11891	118.90	-0.653	-0.825	-1.049	-1.262	-1.397	-1.404	-1.243	-0.997	-0.659	-0.321

Table 7-83-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	1.903	2.766	3.515	4.073	4.260	3.808	2.474	0.218	-2.654	-5.465
11	0.10	-7.327	-7.454	-5.503	-1.803	2.668	6.567	8.643	8.196	5.338	0.944
21	0.20	-3.684	-7.296	-9.123	-9.064	-7.584	-5.392	-3.078	-0.879	1.300	3.655
31	0.30	6.174	8.448	9.725	9.215	6.512	1.925	-3.475	-8.148	-10.627	-10.086
41	0.40	-6.679	-1.495	3.860	7.887	9.736	9.454	7.822	5.891	4.445	3.655
51	0.50	3.087	2.049	0.095	-2.597	-5.174	-6.452	-5.491	-2.149	2.697	7.376
61	0.60	10.049	9.466	5.528	-0.615	-6.973	-11.470	-12.731	-10.559	-5.923	-0.492
71	0.70	4.061	6.679	7.185	6.151	4.456	2.802	1.428	0.148	-1.355	-3.149
81	0.80	-4.844	-5.686	-4.932	-2.317	1.621	5.578	7.913	7.306	3.391	-2.946
91	0.90	-9.761	-14.689	-15.806	-12.367	-5.141	3.816	11.851	16.623	16.878	12.817
101	1.00	5.939	-1.558	-7.561	-10.715	-10.746	-8.358	-4.793	-1.286	1.372	2.955
111	1.10	3.670	3.835	3.589	2.802	1.224	-1.214	-4.124	-6.609	-7.513	-5.901
121	1.20	-1.572	4.660	11.086	15.627	16.593	13.355	6.640	-1.684	-9.284	-14.206
131	1.30	-15.544	-13.654	-9.853	-5.741	-2.493	-0.431	0.937	2.453	4.690	7.495
141	1.40	9.949	10.774	9.001	4.568	-1.469	-7.237	-10.752	-10.719	-7.074	-1.022
151	1.50	5.452	10.351	12.401	11.422	8.205	4.015	-0.022	-3.339	-5.970	-8.245
161	1.60	-10.336	-11.939	-12.284	-10.490	-6.105	0.470	7.898	14.246	17.636	16.917
171	1.70	12.099	4.366	-4.423	-12.164	-17.282	-18.970	-17.222	-12.625	-6.078	1.399
181	1.80	8.732	14.807	18.521	18.989	15.843	9.509	1.278	-6.944	-13.175	-15.998
191	1.90	-15.036	-11.056	-5.626	-0.489	3.102	4.764	4.958	4.585	4.431	4.746
201	2.00	5.158	4.944	3.496	0.721	-2.833	-6.185	-8.351	-8.764	-7.469	-5.011
211	2.10	-2.110	0.695	3.217	5.525	7.665	9.389	10.083	8.997	5.675	0.365
221	2.20	-5.838	-11.252	-14.192	-13.660	-9.799	-3.904	2.044	6.141	7.280	5.528
231	2.30	2.007	-1.644	-3.976	-4.291	-2.820	-0.496	1.560	2.551	2.307	1.248
241	2.40	0.086	-0.576	-0.526	0.017	0.597	0.833	0.662	0.393	0.526	1.441
251	2.50	3.114	5.010	6.233	5.887	3.500	-0.680	-5.651	-9.941	-12.102	-11.246
261	2.60	-7.405	-1.567	4.631	9.458	11.677	10.934	7.832	3.630	-0.258	-2.790
271	2.70	-3.617	-3.087	-1.957	-0.976	-0.528	-0.512	-0.501	-0.069	0.884	1.999
281	2.80	2.602	2.061	0.170	-2.629	-5.335	-6.775	-6.112	-3.260	1.014	5.351
291	2.90	8.326	9.012	7.330	4.040	0.390	-2.413	-3.677	-3.426	-2.275	-1.062
301	3.00	-0.426	-0.534	-1.073	-1.481	-1.276	-0.322	1.110	2.490	3.304	3.292
311	3.10	2.541	1.390	0.221	-0.753	-1.564	-2.407	-3.445	-4.621	-5.600	-5.889
321	3.20	-5.086	-3.131	-0.629	2.252	4.069	4.449	3.337	1.227	-1.056	-2.706
331	3.30	-3.261	-2.755	-1.621	-0.427	0.433	0.913	1.276	1.868	2.838	3.972
341	3.40	4.745	4.582	3.203	0.857	-1.687	-3.421	-3.540	-1.833	1.173	4.386
351	3.50	6.593	6.956	5.354	2.406	-0.823	-3.291	-4.397	-4.187	-3.248	-2.381
361	3.60	-2.221	-2.980	-4.399	-5.922	-6.947	-7.052	-6.088	-4.153	-1.497	1.549
371	3.70	4.593	7.169	8.756	8.885	7.327	4.264	0.347	-3.440	-6.100	-6.996
381	3.80	-6.106	-4.029	-1.710	-0.023	0.610	0.350	-0.227	-0.513	-0.256	0.276
391	3.90	0.451	-0.309	-2.080	-4.221	-5.548	-4.860	-1.584	3.791	9.736	14.206
401	4.00	15.458	12.808	6.974	-0.169	-6.327	-9.694	-9.628	-6.812	-2.849	0.499
411	4.10	2.074	1.729	0.251	-1.144	-1.449	-0.345	1.716	3.804	5.015	4.914
421	4.20	3.710	2.099	0.891	0.612	1.294	2.524	3.698	4.323	4.215	3.505
431	4.30	2.478	1.377	0.283	-0.865	-2.130	-3.426	-4.466	-4.855	-4.285	-2.737
441	4.40	-0.558	1.635	3.182	3.641	2.950	1.410	-0.482	-2.267	-3.695	-4.744
451	4.50	-5.501	-5.984	-6.027	-5.314	-3.566	-0.787	2.574	5.657	7.444	7.148
461	4.60	4.582	0.317	-4.435	-8.216	-9.829	-8.770	-5.411	-0.865	3.419	6.162
471	4.70	6.674	5.046	2.041	-1.227	-3.712	-4.771	-4.317	-2.750	-0.728	1.120
481	4.80	2.411	3.081	3.316	3.375	3.421	3.418	3.165	2.413	1.040	-0.836
491	4.90	-2.847	-4.484	-5.285	-5.022	-3.794	-1.994	-0.153	1.272	2.059	2.289

Table 7-83-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	2.264	2.343	2.750	3.464	4.223	4.645	4.398	3.349	1.621	-0.464
511	5.10	-2.510	-4.184	-5.303	-5.839	-5.854	-5.432	-4.629	-3.488	-2.088	-0.592
521	5.20	0.758	1.711	2.115	2.009	1.634	1.347	1.451	2.028	2.853	3.443
531	5.30	3.254	1.932	-0.473	-3.444	-6.123	-7.603	-7.257	-5.006	-1.382	2.623
541	5.40	5.875	7.474	7.030	4.760	1.375	-2.185	-5.059	-6.695	-6.948	-6.018
551	5.50	-4.299	-2.217	-0.119	1.751	3.218	4.132	4.353	3.795	2.496	0.672
561	5.60	-1.297	-2.949	-3.880	-3.874	-2.981	-1.394	0.464	2.269	3.790	4.924
571	5.70	5.649	5.938	5.721	4.904	3.450	1.474	-0.724	-2.718	-4.095	-4.616
581	5.80	-4.320	-3.495	-2.535	-1.735	-1.138	-0.521	0.475	2.106	4.310	6.634
591	5.90	8.356	8.767	7.489	4.684	1.051	-2.412	-4.772	-5.504	-4.669	-2.853
601	6.00	-0.909	0.384	0.586	-0.299	-1.917	-3.757	-5.367	-6.470	-6.962	-6.827
611	6.10	-6.048	-4.585	-2.428	0.293	3.243	5.901	7.699	8.216	7.342	5.328
621	6.20	2.699	0.051	-2.159	-3.739	-4.745	-5.342	-5.618	-5.469	-4.616	-2.765
631	6.30	0.164	3.861	7.611	10.470	11.580	10.507	7.442	3.183	-1.113	-4.322
641	6.40	-5.722	-5.210	-3.278	-0.774	1.444	2.808	3.181	2.788	2.010	1.145
651	6.50	0.264	-0.762	-2.100	-3.739	-5.365	-6.402	-6.232	-4.497	-1.344	2.518
661	6.60	6.011	8.057	7.989	5.820	2.255	-1.565	-4.490	-5.774	-5.316	-3.626
671	6.70	-1.561	0.056	0.750	0.529	-0.209	-0.919	-1.184	-0.882	-0.195	0.525
681	6.80	0.958	0.961	0.606	0.105	-0.319	-0.543	-0.575	-0.501	-0.402	-0.295
691	6.90	-0.142	0.085	0.327	0.415	0.133	-0.653	-1.865	-3.159	-4.015	-3.933
701	7.00	-2.671	-0.405	2.274	4.547	5.680	5.318	3.639	1.296	-0.842	-2.043
711	7.10	-1.994	-0.909	0.594	1.780	2.125	1.529	0.329	-0.880	-1.546	-1.405
721	7.20	-0.597	0.432	1.165	1.270	0.764	-0.015	-0.603	-0.664	-0.195	0.451
731	7.30	0.732	0.195	-1.259	-3.261	-5.083	-5.935	-5.304	-3.210	-0.232	2.692
741	7.40	4.622	4.965	3.679	1.250	-1.525	-3.842	-5.151	-5.264	-4.319	-2.634
751	7.50	-0.566	1.556	3.429	4.737	5.154	4.441	2.582	-0.089	-2.903	-5.024
761	7.60	-5.754	-4.824	-2.550	0.272	2.673	3.920	3.815	2.744	1.455	0.658
771	7.70	0.676	1.301	1.956	2.053	1.366	0.199	-0.756	-0.812	0.282	2.114
781	7.80	3.737	4.119	2.706	-0.210	-3.512	-5.725	-5.708	-3.253	0.718	4.493
791	7.90	6.299	5.114	1.166	-4.115	-8.677	-10.705	-9.368	-5.118	0.566	5.840
801	8.00	9.256	10.261	9.240	7.142	4.922	3.090	1.585	0.000	-2.007	-4.374
811	8.10	-6.557	-7.769	-7.392	-5.334	-2.142	1.214	3.759	4.927	4.766	3.823
821	8.20	2.806	2.190	2.002	1.868	1.304	0.069	-1.627	-3.176	-3.874	-3.304
831	8.30	-1.589	0.620	2.442	3.193	2.721	1.472	0.247	-0.241	0.232	1.242
841	8.40	1.911	1.363	-0.777	-4.092	-7.448	-9.433	-8.964	-5.793	-0.688	4.819
851	8.50	8.993	10.545	9.090	5.242	0.330	-4.123	-6.937	-7.618	-6.402	-4.047
861	8.60	-1.488	0.487	1.416	1.198	0.017	-1.770	-3.712	-5.320	-6.125	-5.767
871	8.70	-4.121	-1.399	1.821	4.723	6.489	6.593	5.012	2.263	-0.771	-3.169
881	8.80	-4.302	-4.038	-2.731	-1.006	0.539	1.581	2.148	2.505	2.920	3.448
891	8.90	3.857	3.737	2.738	0.823	-1.614	-3.837	-5.024	-4.607	-2.527	0.708
901	9.00	4.178	6.865	7.999	7.293	5.000	1.782	-1.534	-4.207	-5.771	-6.095
911	9.10	-5.338	-3.841	-2.001	-0.169	1.403	2.588	3.366	3.795	3.263	3.944
921	9.20	3.769	3.416	2.836	1.998	0.932	-0.260	-1.423	-2.411	-3.141	-3.627
931	9.30	-3.951	-4.196	-4.371	-4.364	-3.972	-2.991	-1.332	0.887	3.343	5.588
941	9.40	7.202	7.928	7.749	6.856	5.539	4.050	2.510	0.901	-0.855	-2.776
951	9.50	-4.737	-6.457	-7.586	-7.843	-7.139	-5.641	-3.721	-1.837	-0.376	0.462
961	9.60	0.702	0.548	0.281	0.144	0.272	0.673	1.266	1.931	2.566	3.106
971	9.70	3.510	3.742	3.740	3.424	2.713	1.574	0.063	-1.651	-3.302	-4.574
981	9.80	-5.179	-4.944	-3.882	-2.110	0.000	2.106	3.886	5.132	5.766	5.806
991	9.90	5.303	4.294	2.792	0.839	-1.423	-3.702	-5.576	-6.604	-6.496	-5.257

Table 7-83-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-3.251	-1.106	0.501	1.109	0.664	-0.441	-1.537	-1.966	-1.386	0.066
1011	10.10	1.825	3.148	3.460	2.625	1.023	-0.621	-1.563	-1.394	-0.234	1.322
1021	10.20	2.480	2.615	1.573	-0.255	-2.111	-3.212	-3.111	-1.888	-0.162	1.477
1031	10.30	2.234	1.980	1.019	-0.014	-0.475	-0.025	1.203	2.666	3.653	3.605
1041	10.40	2.358	0.207	-2.236	-4.294	-5.498	-5.729	-5.215	-4.369	-3.583	-3.062
1051	10.50	-2.773	-2.516	-2.064	-1.308	-0.321	0.669	1.383	1.626	1.371	0.786
1061	10.60	0.171	-0.156	0.022	0.726	1.763	2.770	3.321	3.075	1.900	-0.039
1071	10.70	-2.294	-4.232	-5.225	-4.858	-3.088	-0.297	2.813	5.431	6.902	6.939
1081	10.80	5.695	3.671	1.501	-0.299	-1.502	-2.202	-2.692	-3.258	-4.001	-4.750
1091	10.90	-5.131	-4.742	-3.350	-1.030	1.835	4.663	6.859	7.991	7.890	6.669
1101	11.00	4.648	2.263	-0.027	-1.815	-2.802	-2.852	-2.033	-0.637	0.872	1.975
1111	11.10	2.270	1.628	0.263	-1.330	-2.560	-2.988	-2.508	-1.389	-0.148	0.705
1121	11.20	0.906	0.565	0.092	-0.026	0.501	1.580	2.745	3.365	2.947	1.394
1131	11.30	-0.920	-3.295	-5.011	-5.651	-5.277	-4.380	-3.630	-3.535	-4.184	-5.197
1141	11.40	-5.897	-5.631	-4.086	-1.456	1.614	4.274	5.801	5.870	4.648	2.696
1151	11.50	0.735	-0.632	-1.108	-0.757	0.076	0.944	1.466	1.450	0.926	0.098
1161	11.60	-0.744	-1.319	-1.428	-0.991	-0.045	1.271	2.755	4.177	5.317	5.978
1171	11.70	6.100	5.579	4.467	2.877	1.001	-0.891	-2.482	-3.454	-3.560	-2.713
1181	11.80	-1.038	3.109	3.211	4.705	5.141	4.318	2.354	-0.338	-3.154	-5.461
1191	11.90	-6.748	-6.748	-5.476	-3.208	-0.410	2.359	4.544	5.694	5.546	4.092
1201	12.00	1.610	-1.367	-4.146	-6.042	-6.566	-5.585	-3.381	-0.593	1.969	3.577
1211	12.10	3.814	2.700	0.675	-1.562	-3.299	-4.039	-3.647	-2.355	-0.644	0.939
1221	12.20	1.963	2.219	1.733	0.704	-0.597	-1.912	-3.038	-3.822	-4.142	-3.899
1231	12.30	-3.036	-1.583	0.306	2.351	4.194	5.487	5.990	5.633	4.518	2.870
1241	12.40	0.954	-0.983	-2.749	-4.180	-5.119	-5.405	-4.920	-3.663	-1.822	0.208
1251	12.50	1.910	2.808	2.648	1.524	-0.134	-1.712	-2.660	-2.707	-1.971	-0.871
1261	12.60	0.090	0.597	0.692	0.760	1.322	2.735	4.940	7.406	9.303	9.854
1271	12.70	8.688	6.041	2.692	-0.355	-2.285	-2.804	-2.236	-1.322	-0.836	-1.193
1281	12.80	-2.242	-3.344	-3.704	-2.786	-0.623	2.144	4.515	5.549	4.780	2.422
1291	12.90	-0.720	-3.576	-5.238	-5.292	-3.920	-1.758	0.410	1.962	2.621	2.450
1301	13.00	1.697	0.601	-0.725	-2.285	-4.074	-5.924	-7.433	-8.041	-7.223	-4.745
1311	13.10	-0.834	3.809	8.190	11.327	12.567	11.793	9.429	6.257	3.120	0.625
1321	13.20	-1.028	-2.042	-2.847	-3.852	-5.218	-6.756	-7.999	-8.398	-7.572	-5.496
1331	13.30	-2.548	0.609	3.256	4.878	5.323	4.824	3.859	2.923	2.318	2.048
1341	13.40	1.871	1.466	0.639	-0.543	-1.767	-2.613	-2.783	-2.273	-1.422	-0.777
1351	13.50	-0.858	-1.892	-3.673	-5.602	-6.907	-6.949	-5.483	-2.774	0.498	3.479
1361	13.60	5.436	5.984	5.167	3.381	1.201	-0.798	-2.171	-2.632	-2.040	-0.370
1371	13.70	2.281	5.637	9.200	12.255	13.975	13.628	10.813	5.652	-1.158	-8.468
1381	13.80	-14.944	-19.406	-21.131	-20.018	-16.587	-11.806	-6.824	-2.672	-0.035	0.870
1391	13.90	0.280	-1.235	-2.967	-4.277	-4.743	-4.238	-2.899	-1.021	1.067	3.104
1401	14.00	4.928	6.432	7.488	7.894	7.389	5.766	3.024	-0.517	-4.200	-7.178
1411	14.10	-8.674	-8.258	-6.029	-2.599	1.113	4.218	6.160	6.871	6.708	6.220
1421	14.20	5.853	5.746	5.713	5.406	4.558	3.182	1.595	0.275	-0.390	-0.317
1431	14.30	0.215	0.706	0.697	0.032	-1.032	-1.926	-2.033	-0.988	1.129	3.814
1441	14.40	6.338	8.046	8.582	7.958	6.452	4.407	2.073	-0.433	-3.029	-5.511
1451	14.50	-7.483	-8.430	-7.955	-6.051	-3.269	-0.633	0.695	-0.115	-3.148	-7.606
1461	14.60	-12.014	-14.725	-14.511	-11.008	-4.839	2.644	9.840	15.425	18.691	19.596
1471	14.70	18.554	16.115	12.690	8.467	3.509	-2.039	-7.777	-13.020	-16.935	-18.794
1481	14.80	-18.221	-15.325	-10.677	-5.161	0.248	4.670	7.441	8.170	6.756	3.421
1491	14.90	-1.271	-6.422	-10.900	-13.552	-13.502	-10.434	-4.767	2.396	9.533	15.126

Table 7-83-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	18.088	18.049	15.403	11.128	6.403	2.279	-0.587	-2.091	-2.132	-1.330
1511	15.10	0.040	1.691	3.402	4.965	6.139	6.655	6.296	4.989	2.868	0.273
1521	15.20	-2.343	-4.537	-5.989	-6.559	-6.272	-5.267	-3.728	-1.858	0.125	1.974
1531	15.30	3.425	4.259	4.383	3.896	3.098	2.394	2.143	2.487	3.271	4.076
1541	15.40	4.386	3.808	2.258	0.019	-2.364	-4.289	-5.337	-5.416	-4.762	-3.798
1551	15.50	-2.928	-2.353	-2.010	-1.632	-0.906	0.358	2.122	4.113	5.900	7.012
1561	15.60	7.048	5.743	3.000	-1.087	-6.209	-11.821	-17.162	-21.343	-23.518	-23.105
1571	15.70	-19.974	-14.530	-7.636	-0.398	6.132	11.205	14.510	16.139	16.431	15.774
1581	15.80	14.454	12.613	10.302	7.584	4.609	1.616	-1.141	-3.496	-5.440	-7.114
1591	15.90	-8.711	-10.348	-11.957	-13.253	-13.811	-13.212	-11.206	-7.830	-3.430	1.402
1601	16.00	5.972	9.639	11.955	12.735	12.065	10.249	7.709	4.880	2.118	-0.346
1611	16.10	-2.399	-3.989	-5.046	-5.417	-4.859	-3.111	-0.023	4.297	9.384	14.434
1621	16.20	18.445	20.475	19.914	16.701	11.384	5.001	-1.195	-6.071	-8.917	-9.606
1631	16.30	-8.575	-6.637	-4.698	-3.467	-3.270	-4.004	-5.247	-6.470	-7.265	-7.511
1641	16.40	-7.412	-7.393	-7.892	-9.133	-10.963	-12.835	-15.948	-13.517	-11.093	-6.692
1651	16.50	-1.058	4.683	9.235	11.536	11.089	8.113	3.471	-1.604	-5.894	-8.543
1661	16.60	-9.258	-8.288	-6.219	-3.672	-1.039	1.622	4.504	7.822	11.548	15.253
1671	16.70	18.152	19.337	18.128	14.388	8.650	2.001	-4.243	-8.953	-11.513	-11.942
1681	16.80	-10.772	-8.763	-6.595	-4.677	-3.140	-1.981	-1.253	-1.158	-1.986	-3.909
1691	16.90	-6.749	-9.862	-12.225	-12.742	-10.645	-5.817	1.084	8.797	15.830	20.908
1701	17.00	23.312	22.999	20.489	16.599	12.145	7.747	3.765	0.363	-2.378	-4.383
1711	17.10	-5.568	-5.893	-5.431	-4.414	-3.208	-2.240	-1.883	-2.346	-3.608	-5.396
1721	17.20	-7.227	-8.517	-8.731	-7.545	-4.977	-1.432	2.389	5.685	7.819	8.532
1731	17.30	8.008	6.756	5.329	4.026	2.702	0.824	-2.249	-6.843	-12.637	-18.565
1741	17.40	-23.057	-24.541	-22.026	-15.502	-6.018	4.631	14.454	21.851	26.004	26.948
1751	17.50	25.350	22.115	18.023	13.527	8.752	3.663	-1.739	-7.276	-12.570	-17.124
1761	17.60	-20.452	-22.200	-22.214	-20.569	-17.554	-13.644	-9.432	-5.533	-2.446	-0.416
1771	17.70	0.655	1.202	1.869	3.301	5.919	9.779	14.557	19.657	24.382	28.085
1781	17.80	30.245	30.458	28.410	23.884	16.854	7.633	-3.001	-13.813	-23.299	-30.039
1791	17.90	-33.091	-32.284	-28.263	-22.268	-15.722	-9.791	-5.095	-1.671	0.815	2.737
1801	18.00	4.225	5.064	4.831	3.180	0.148	-3.704	-7.388	-9.803	-10.146	-8.238
1811	18.10	-4.624	-0.390	3.237	5.353	5.708	4.787	3.594	3.225	4.415	7.219
1821	18.20	10.972	14.525	16.681	16.640	14.294	10.248	5.587	1.475	-1.247	-2.305
1831	18.30	-2.009	-1.042	-0.155	0.126	-0.352	-1.397	-2.629	-3.683	-4.348	-4.590
1841	18.40	-4.681	-4.077	-3.353	-2.209	-0.571	1.485	3.662	5.475	6.392	6.043
1851	18.50	4.383	1.771	-1.121	-3.507	-4.735	-4.502	-2.933	-0.517	2.073	4.225
1861	18.60	5.576	6.112	6.128	6.079	6.380	7.225	8.485	9.721	10.303	9.593
1871	18.70	7.139	2.824	-3.077	-9.928	-16.849	-22.881	-27.149	-29.004	-28.117	-24.504
1881	18.80	-18.514	-10.750	-1.982	6.974	15.354	22.530	28.044	31.605	33.054	32.310
1891	18.90	29.348	24.200	17.008	8.091	-2.001	-12.475	-22.363	-30.650	-36.446	-39.162
1901	19.00	-38.628	-35.133	-29.358	-22.232	-14.722	-7.630	-1.443	3.723	8.060	11.914
1911	19.10	15.572	19.090	22.208	24.620	25.160	24.052	21.126	16.876	12.146	7.853
1921	19.20	4.654	2.691	1.536	0.358	-1.730	-5.295	-10.304	-16.080	-21.496	-25.332
1931	19.30	-26.669	-25.166	-21.136	-15.418	-9.101	-3.223	1.477	6.672	6.444	7.179
1941	19.40	7.408	7.667	8.265	9.382	10.845	12.259	13.098	12.885	11.256	8.269
1951	19.50	4.250	-0.207	-4.404	-7.716	-9.729	-10.285	-9.463	-7.507	-4.770	-1.675
1961	19.60	1.274	3.518	4.494	3.774	1.224	-2.862	-7.738	-12.330	-15.503	-16.369
1971	19.70	-14.558	-10.339	-4.563	1.660	7.082	10.807	12.379	11.855	9.716	6.701
1981	19.80	3.616	1.161	-0.194	-0.260	0.877	2.908	5.391	7.856	9.880	11.147
1991	19.90	11.460	10.740	9.012	6.410	3.191	-0.259	-3.461	-5.925	-7.286	-7.427

Table 7-83-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-6.562	-5.098	-3.678	-2.785	-2.666	-3.251	-4.230	-5.234	-6.014	-6.561
2011	20.10	-7.038	-7.642	-8.400	-9.066	-9.166	-8.192	-5.858	-2.287	1.978	6.161
2021	20.20	9.554	11.796	12.996	13.639	14.305	15.351	16.693	17.798	17.885	16.248
2031	20.30	12.560	7.018	0.289	-6.701	-13.045	-16.074	-21.456	-23.160	-23.349	-22.268
2041	20.40	-20.170	-17.302	-13.911	-10.241	-6.504	-2.834	0.735	4.248	7.756	11.213
2051	20.50	14.420	17.034	18.658	18.983	17.916	15.629	12.516	9.061	5.689	2.652
2061	20.60	-0.004	-2.381	-4.617	-6.789	-8.846	-10.627	-11.914	-12.512	-12.309	-11.294
2071	20.70	-9.550	-7.219	-4.485	-1.558	1.323	3.900	5.922	7.194	7.625	7.264
2081	20.80	6.301	5.023	3.740	2.715	2.107	1.957	2.216	2.779	3.535	4.375
2091	20.90	5.191	5.848	6.169	5.947	4.989	3.185	0.571	-2.632	-6.042	-9.186
2101	21.00	-11.602	-12.952	-13.083	-12.044	-10.047	-7.387	-4.367	-1.240	1.800	4.603
2111	21.10	7.028	8.915	10.079	10.324	9.489	7.491	4.366	0.302	-4.352	-9.103
2121	21.20	-13.362	-16.528	-18.095	-17.763	-15.524	-11.673	-6.758	-1.443	3.649	8.070
2131	21.30	11.616	14.298	16.241	17.557	18.259	18.239	17.336	15.441	12.587	8.981
2141	21.40	4.951	0.842	-3.092	-6.748	-10.148	-13.349	-16.338	-18.948	-20.862	-21.689
2151	21.50	-21.084	-18.864	-15.082	-10.016	-4.120	2.072	8.024	13.262	17.412	20.222
2161	21.60	21.591	21.568	20.349	18.225	15.504	12.425	9.094	5.485	1.510	-2.869
2171	21.70	-7.527	-12.131	-16.178	-19.123	-20.544	-20.272	-18.443	-15.437	-11.742	-7.799
2181	21.80	-3.890	-0.125	3.503	7.005	10.301	13.196	15.426	16.758	17.097	16.535
2191	21.90	15.326	13.789	12.183	10.614	8.999	7.131	4.788	1.865	-1.536	-5.096
2201	22.00	-8.349	-10.820	-12.172	-12.315	-11.437	-9.937	-8.295	-6.909	-5.969	-5.405
2211	22.10	-4.944	-4.244	-3.067	-1.418	0.410	1.917	2.572	2.033	0.319	-2.142
2221	22.20	-4.622	-6.321	-6.649	-5.445	-3.054	-0.219	2.170	3.381	3.084	1.441
2231	22.30	-0.970	-3.391	-5.151	-5.890	-5.638	-4.748	-3.705	-2.906	-2.499	-2.333
2241	22.40	-2.033	-1.170	0.547	3.135	6.292	9.474	12.055	13.519	13.624	12.475
2251	22.50	10.487	8.237	6.264	4.874	4.030	3.366	2.339	0.459	-2.483	-6.278
2261	22.60	-10.318	-13.768	-15.832	-16.020	-14.299	-11.088	-7.096	-3.076	0.401	3.070
2271	22.70	4.960	6.264	7.187	7.823	8.130	7.987	7.292	6.043	4.363	2.457
2281	22.80	0.548	-1.185	-2.628	-3.711	-4.387	-4.616	-4.392	-3.775	-2.907	-1.983
2291	22.90	-1.169	-0.511	0.114	0.963	2.308	4.265	6.672	9.061	10.780	11.207
2301	23.00	9.986	7.179	3.272	-0.973	-4.754	-7.468	-8.852	-8.999	-8.253	-7.049
2311	23.10	-5.760	-4.619	-3.706	-2.992	-2.414	-1.920	-1.506	-1.215	-1.121	-1.300
2321	23.20	-1.786	-2.534	-3.383	-4.061	-4.235	-3.605	-2.025	0.414	3.372	6.340
2331	23.30	8.796	10.370	10.950	10.679	9.841	8.703	7.373	5.766	3.670	0.900
2341	23.40	-2.553	-6.459	-10.389	-13.851	-16.448	-17.978	-18.434	-17.923	-16.548	-14.339
2351	23.50	-11.270	-7.350	-2.736	2.207	6.943	10.911	13.687	15.124	15.369	14.775
2361	23.60	13.733	12.521	11.223	9.757	7.987	5.840	3.385	0.819	-1.614	-3.720
2371	23.70	-5.418	-6.729	-7.708	-8.361	-8.609	-8.308	-7.339	-5.704	-3.577	-1.276
2381	23.80	0.832	2.462	3.501	4.021	4.208	4.246	4.216	4.064	3.651	2.861
2391	23.90	1.702	0.342	-0.939	-1.872	-2.315	-2.322	-2.105	-1.914	-1.889	-1.970
2401	24.00	-1.897	-1.339	-0.064	1.911	4.277	6.525	8.130	8.748	8.340	7.152
2411	24.10	5.585	4.000	2.570	1.247	-0.152	-1.779	-3.609	-5.388	-6.712	-7.191
2421	24.20	-6.633	-5.139	-3.082	-0.958	0.788	1.913	2.410	2.443	2.210	1.826
2431	24.30	1.273	0.437	-0.787	-2.400	-4.246	-6.042	-7.461	-8.233	-8.220	-7.431
2441	24.40	-6.004	-4.156	-2.135	-0.182	1.503	2.792	3.657	4.186	4.548	4.930
2451	24.50	5.429	5.980	6.365	6.190	5.242	3.450	1.073	-1.352	-3.181	-3.898
2461	24.60	-3.317	-1.662	0.509	2.520	3.819	4.163	3.664	2.698	1.730	1.131
2471	24.70	1.074	1.519	2.275	3.085	3.689	3.863	3.422	2.246	0.310	-2.272
2481	24.80	-5.220	-8.127	-10.538	-12.062	-12.469	-11.720	-9.932	-7.312	-4.093	-0.527
2491	24.90	3.087	6.352	8.791	9.939	9.516	7.590	4.655	1.543	-0.824	-1.752

Table 7-83-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-1.039	0.938	3.362	5.294	6.036	5.387	3.686	1.637	-0.009	-0.759
2511	25.10	-0.546	0.290	1.200	1.685	1.496	0.712	-0.346	-1.278	-1.794	-1.813
2521	25.20	-1.469	-1.022	-0.727	-0.729	-1.025	-1.491	-1.964	-2.336	-2.595	-2.855
2531	25.30	-3.277	-3.990	-4.996	-6.115	-6.998	-7.218	-6.415	-4.453	-1.522	1.858
2541	25.40	4.966	7.084	7.738	6.860	4.824	2.328	0.125	-1.158	-1.287	-0.425
2551	25.50	0.960	2.297	3.122	3.221	2.654	1.671	0.578	-0.395	-1.155	-1.735
2561	25.60	-2.222	-2.680	-3.103	-3.415	-3.516	-3.351	-2.945	-2.412	-1.917	-1.607
2571	25.70	-1.551	-1.702	-1.903	-1.938	-1.610	-0.822	0.369	1.741	2.952	3.633
2581	25.80	3.496	2.431	0.550	-1.833	-4.277	-6.325	-7.611	-7.930	-7.249	-5.688
2591	25.90	-3.459	-0.823	1.944	4.560	6.747	8.246	8.858	8.498	7.238	5.322
2601	26.00	3.126	1.072	-0.480	-1.338	-1.531	-1.295	-0.994	-0.994	-1.528	-2.609
2611	26.10	-4.000	-5.283	-5.980	-5.718	-4.357	-2.049	0.800	3.651	6.006	7.551
2621	26.20	8.222	8.175	7.671	6.930	5.038	4.932	3.486	1.636	-0.519	-2.704
2631	26.30	-4.552	-5.764	-6.245	-6.155	-5.837	-5.642	-5.745	-6.038	-6.156	-5.666
2641	26.40	-4.169	-1.773	1.262	4.344	6.884	8.498	9.127	9.008	8.513	7.954
2651	26.50	7.434	6.834	5.919	4.500	2.574	0.357	-1.798	-3.551	-4.716	-5.321
2661	26.60	-5.559	-5.666	-5.787	-5.899	-5.837	-5.388	-4.423	-2.982	-1.287	0.325
2671	26.70	1.506	2.006	1.730	0.737	-0.792	-2.609	-4.440	-6.016	-7.091	-7.474
2681	26.80	-7.065	-5.889	-4.107	-1.992	0.131	1.975	3.365	4.270	4.800	5.144
2691	26.90	5.501	6.014	6.731	7.600	8.496	9.256	9.713	9.735	9.244	8.236
2701	27.00	6.760	5.015	3.120	1.285	-0.317	-1.556	-2.351	-2.667	-2.521	-1.990
2711	27.10	-1.232	-0.490	-0.071	-0.286	-1.339	-3.245	-5.752	-8.377	-10.516	-11.631
2721	27.20	-11.622	-9.936	-7.557	-4.873	-2.476	-0.774	0.113	0.335	0.197	-0.005
2731	27.30	-0.099	-0.077	-0.034	-0.064	-0.143	-0.205	-0.099	0.556	1.462	2.486
2741	27.40	3.275	3.473	2.877	1.530	-0.273	-2.089	-3.680	-4.164	-4.099	-3.465
2751	27.50	-2.579	-1.760	-1.222	-1.018	-1.053	-1.150	-1.126	-0.854	-0.298	0.497
2761	27.60	1.427	2.359	3.163	3.735	4.019	4.022	3.814	3.518	3.267	3.157
2771	27.70	3.205	3.328	3.375	3.190	2.687	1.914	1.056	0.383	0.144	0.459
2781	27.80	1.255	2.271	3.151	3.575	3.388	2.670	1.707	0.886	0.541	0.820
2791	27.90	1.634	2.687	3.600	4.054	3.903	3.218	2.237	1.256	0.511	0.097
2801	28.00	-0.049	-0.094	-0.223	-0.564	-1.151	-1.929	-2.805	-3.693	-4.535	-5.299
2811	28.10	-5.942	-6.386	-6.522	-6.241	-5.498	-4.354	-2.986	-1.645	-0.571	0.095
2821	28.20	0.355	0.352	0.293	0.355	0.602	0.958	1.254	1.309	1.032	0.468
2831	28.30	-0.210	-0.778	-1.053	-0.973	-0.617	-0.159	0.208	0.356	0.265	0.004
2841	28.40	-0.320	-0.629	-0.910	-1.217	-1.622	-2.184	-2.810	-3.461	-3.987	-4.281
2851	28.50	-4.299	-4.066	-3.645	-3.105	-2.483	-1.788	-1.020	-0.208	0.582	1.265
2861	28.60	1.776	2.121	2.391	2.731	3.274	4.055	4.971	5.784	6.209	6.022
2871	28.70	5.165	3.789	2.216	0.834	-0.035	-0.233	0.195	1.039	2.019	2.885
2881	28.80	3.479	3.754	3.738	3.485	3.035	2.398	1.575	0.587	-0.509	-1.626
2891	28.90	-2.673	-3.593	-4.373	-5.037	-5.611	-6.079	-6.366	-6.347	-5.895	-4.943
2901	29.00	-3.533	-1.831	-0.095	1.394	2.407	2.827	2.666	2.042	1.126	0.083
2911	29.10	-0.962	-1.934	-2.781	-3.447	-3.856	-3.918	-3.578	-2.858	-1.889	-0.897
2921	29.20	-0.135	0.204	0.085	-0.338	-0.747	-0.773	-0.136	1.238	3.164	5.253
2931	29.30	7.042	8.153	8.418	7.903	6.868	5.538	4.171	2.802	1.373	-0.188
2941	29.40	-1.845	-3.403	-4.541	-4.961	-4.437	-3.121	-1.339	0.431	1.760	2.432
2951	29.50	2.510	2.272	2.050	2.058	2.290	2.542	2.539	2.103	1.273	0.302
2961	29.60	-0.458	-0.738	-0.498	0.042	0.494	0.488	-0.145	-1.280	-2.543	-3.474
2971	29.70	-3.719	-3.176	-2.021	-0.616	0.652	1.521	1.918	1.929	1.703	1.344
2981	29.80	0.862	0.195	-0.715	-1.837	-3.023	-4.042	-4.666	-4.767	-4.373	-3.652
2991	29.90	-2.845	-2.176	-1.778	-1.674	-1.805	-2.081	-2.425	-2.785	-3.122	-3.378

Table 7-83-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-3.460	-3.262	-2.694	-1.736	-0.459	0.976	2.361	3.490	4.218	4.479
3011	30.10	4.294	3.747	2.955	2.048	1.146	0.353	-0.251	-0.614	-0.716	-0.569
3021	30.20	-0.214	0.284	0.844	1.374	1.781	1.981	1.921	1.602	1.089	0.506
3031	30.30	0.091	-0.303	-0.359	-0.226	-0.051	-0.012	-0.250	-0.806	-1.608	-2.501
3041	30.40	-3.312	-3.921	-4.289	-4.443	-4.426	-4.244	-3.842	-3.129	-2.034	-0.573
3051	30.50	1.133	2.883	4.464	5.728	6.626	7.192	7.472	7.457	7.053	6.122
3061	30.60	4.576	2.470	0.053	-2.280	-4.109	-5.145	-5.335	-4.870	-4.080	-3.270
3071	30.70	-2.573	-1.889	-0.956	0.498	2.573	5.094	7.632	9.640	10.661	10.495
3081	30.80	9.269	7.375	5.309	3.484	2.106	1.143	0.404	-0.330	-1.191	-2.165
3091	30.90	-3.123	-3.904	-4.408	-4.644	-4.721	-4.782	-4.916	-5.103	-5.206	-5.024
3101	31.00	-4.377	-3.185	-1.513	0.442	2.404	4.094	5.298	5.905	5.901	5.351
3111	31.10	4.359	3.043	1.519	-0.092	-1.670	-3.092	-4.257	-5.093	-5.580	-5.742
3121	31.20	-5.633	-5.309	-4.809	-4.144	-3.315	-2.336	-1.246	-0.118	0.964	1.937
3131	31.30	2.779	3.513	4.179	4.788	5.286	5.547	5.411	4.756	3.567	1.982
3141	31.40	0.269	-1.245	-2.284	-2.722	-2.623	-2.216	-1.808	-1.664	-1.916	-2.520
3151	31.50	-3.285	-3.946	-4.256	-4.064	-3.368	-2.207	-0.818	0.607	1.873	2.830
3161	31.60	3.386	3.516	3.252	2.676	1.899	1.036	0.183	-0.599	-1.285	-1.881
3171	31.70	-2.397	-2.836	-3.181	-3.405	-3.478	-3.387	-3.139	-2.761	-2.288	-1.757
3181	31.80	-1.198	-0.638	-0.102	0.378	0.767	1.028	1.135	1.077	0.865	0.543
3191	31.90	0.183	-0.119	-0.254	-0.127	0.308	1.020	1.892	2.732	3.326	3.503
3201	32.00	3.191	2.445	1.425	0.332	-0.669	-1.506	-2.205	-2.856	-3.533	-4.240
3211	32.10	-4.883	-5.305	-5.359	-4.979	-4.223	-3.252	-2.262	-1.408	-0.740	-0.195
3221	32.20	0.354	1.032	1.896	2.902	3.924	4.793	5.347	5.472	5.110	4.273
3231	32.30	3.041	1.568	0.076	-1.172	-1.925	-2.025	-1.474	-0.456	0.704	1.643
3241	32.40	2.088	1.950	1.348	0.545	-0.172	-0.609	-0.732	-0.649	-0.522	-0.470
3251	32.50	-0.500	-0.524	-0.425	-0.153	0.219	0.512	0.527	0.154	-0.553	-1.377
3261	32.60	-2.020	-2.235	-1.929	-1.209	-0.324	0.436	0.862	0.900	0.647	0.283
3271	32.70	-0.016	-0.144	-0.089	0.093	0.333	0.576	0.790	0.949	1.009	0.913
3281	32.80	0.621	0.158	-0.361	-0.741	-0.770	-0.309	0.641	1.918	3.247	4.346
3291	32.90	5.030	5.271	5.186	4.961	4.740	4.542	4.249	3.670	2.651	1.183
3301	33.00	-0.540	-2.162	-3.270	-3.544	-2.880	-1.443	0.375	2.070	3.185	3.436
3311	33.10	2.791	1.453	-0.216	-1.822	-3.047	-3.727	-3.868	-3.604	-3.127	-2.611
3321	33.20	-2.166	-1.824	-1.567	-1.365	-1.212	-1.134	-1.167	-1.315	-1.510	-1.607
3331	33.30	-1.409	-0.742	0.468	2.124	3.944	5.509	6.367	6.162	4.747	2.247
3341	33.40	-0.955	-4.312	-7.247	-9.291	-10.193	-9.955	-8.800	-7.082	-5.179	-3.395
3351	33.50	-1.903	-0.755	0.084	0.671	1.037	1.174	1.060	0.706	0.206	-0.257
3361	33.60	-0.440	-0.121	0.814	2.303	4.095	5.806	7.027	7.450	6.959	5.659
3371	33.70	3.836	1.857	0.056	-1.350	-2.292	-2.822	-3.050	-3.074	-2.942	-2.652
3381	33.80	-2.184	-1.539	-0.770	0.023	0.718	1.214	1.467	1.497	1.380	1.219
3391	33.90	1.116	1.148	1.356	1.746	2.288	2.922	3.556	4.073	4.345	4.257
3401	34.00	3.733	2.760	1.392	-0.245	-1.978	-3.602	-4.910	-5.718	-5.893	-5.377
3411	34.10	-4.212	-2.546	-0.622	1.265	2.823	3.825	4.150	3.798	2.869	1.531
3421	34.20	-0.020	-1.580	-2.942	-3.903	-4.287	-3.986	-3.022	-1.593	-0.067	1.090
3431	34.30	1.453	0.792	-0.815	-2.966	-5.043	-6.405	-6.611	-5.573	-3.579	-1.190
3441	34.40	0.973	2.438	3.026	2.862	2.267	1.585	1.025	0.593	0.131	-0.560
3451	34.50	-1.573	-2.806	-3.965	-4.666	-4.581	-3.581	-1.793	0.432	2.647	4.456
3461	34.60	5.638	6.193	6.296	6.182	6.019	5.821	5.439	4.635	3.217	1.162
3471	34.70	-1.303	-3.722	-5.522	-6.183	-5.417	-3.282	-0.202	3.133	5.946	7.582
3481	34.80	7.689	6.312	3.878	1.078	-1.323	-2.691	-2.693	-1.389	0.785	3.138
3491	34.90	4.918	5.531	4.715	2.616	-0.256	-3.197	-5.535	-6.846	-7.073	-6.513

Table 7-83-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-5.667	-5.022	-4.851	-5.111	-5.490	-5.569	-5.030	-3.817	-2.177	-0.565
3511	35.10	0.547	0.871	0.421	-0.497	-1.412	-1.880	-1.655	-0.774	0.482	1.706
3521	35.20	2.524	2.716	2.273	1.367	0.272	-0.726	-1.413	-1.679	-1.522	-1.024
3531	35.30	-0.311	0.488	1.275	2.013	2.726	3.483	4.352	5.347	6.378	7.257
3541	35.40	7.734	7.592	6.738	5.272	3.486	1.783	0.555	0.047	0.274	1.020
3551	35.50	1.921	2.589	2.743	2.286	1.314	0.046	-1.258	-2.389	-3.233	-3.760
3561	35.60	-3.994	-3.959	-3.658	-3.084	-2.253	-1.249	-0.246	0.518	0.802	0.452
3571	35.70	-0.522	-1.906	-3.317	-4.302	-4.483	-3.688	-2.041	0.054	2.014	3.255
3581	35.80	3.378	2.298	0.285	-2.122	-4.280	-5.639	-5.902	-5.094	-3.527	-1.681
3591	35.90	-0.045	1.023	1.372	1.069	0.336	-0.544	-1.316	-1.816	-1.994	-1.892
3601	36.00	-1.605	-1.228	-0.819	-0.386	0.099	0.663	1.296	1.917	2.386	2.536
3611	36.10	2.246	1.503	0.437	-0.693	-1.582	-1.975	-1.769	-1.057	-0.099	0.773
3621	36.20	1.287	1.330	0.994	0.525	0.213	0.266	0.710	1.371	1.943	2.104
3631	36.30	1.651	0.583	-0.884	-2.386	-3.531	-4.021	-3.752	-2.840	-1.573	-0.321
3641	36.40	0.590	0.977	0.848	0.392	-0.098	-0.331	-0.116	0.576	1.614	2.767
3651	36.50	3.791	4.511	4.856	4.852	4.563	4.033	3.258	2.200	0.848	-0.724
3661	36.60	-2.318	-3.651	-4.432	-4.472	-3.765	-2.502	-1.007	0.375	1.394	1.958
3671	36.70	2.129	2.056	1.889	1.717	1.555	1.392	1.240	1.170	1.291	1.689
3681	36.80	2.352	3.134	3.774	3.986	3.571	2.504	0.958	-0.748	-2.254	-3.276
3691	36.90	-3.677	-3.487	-2.862	-2.015	-1.155	-0.450	-0.022	0.055	-0.246	-0.898
3701	37.00	-1.808	-2.824	-3.762	-4.460	-4.824	-4.849	-4.602	-4.171	-3.608	-2.898
3711	37.10	-1.971	-0.765	0.710	2.332	3.873	5.076	5.736	5.782	5.293	4.458
3721	37.20	3.492	2.558	1.726	0.989	0.313	-0.307	-0.817	-1.133	-1.189	-0.993
3731	37.30	-0.639	-0.282	-0.067	-0.064	-0.240	-0.487	-0.686	-0.779	-0.804	-0.877
3741	37.40	-1.121	-1.595	-2.238	-2.882	-3.315	-3.367	-2.982	-2.234	-1.294	-0.356
3751	37.50	0.437	1.028	1.444	1.755	2.027	2.291	2.541	2.752	2.900	2.970
3761	37.60	2.952	2.828	2.565	2.138	1.551	0.864	0.195	-0.315	-0.555	-0.498
3771	37.70	-0.217	0.139	0.414	0.518	0.474	0.407	0.484	0.820	1.411	2.113
3781	37.80	2.692	2.916	2.653	1.921	0.878	-0.255	-1.286	-2.131	-2.832	-3.508
3791	37.90	-4.282	-5.195	-6.171	-7.044	-7.619	-7.759	-7.436	-6.736	-5.815	-4.827
3801	38.00	-3.862	-2.924	-1.953	-0.879	0.323	1.597	2.819	3.833	4.505	4.763
3811	38.10	4.611	4.116	3.365	2.461	1.487	0.528	-0.324	-0.968	-1.305	-1.275
3821	38.20	-0.882	-0.205	0.611	1.407	2.055	2.492	2.728	2.809	2.771	2.601
3831	38.30	2.232	1.581	0.608	-0.622	-1.921	-3.005	-3.583	-3.452	-2.583	-1.143
3841	38.40	0.544	2.092	3.172	3.603	3.395	2.736	1.915	1.230	0.902	1.019
3851	38.50	1.526	2.253	2.979	3.497	3.676	3.494	3.034	2.445	1.880	1.437
3861	38.60	1.115	0.828	0.441	-0.148	-0.949	-1.846	-2.629	-3.066	-2.996	-2.407
3871	38.70	-1.447	-0.376	0.530	1.081	1.231	1.080	0.807	0.582	0.486	0.482
3881	38.80	0.444	0.222	-0.285	-1.086	-2.099	-3.189	-4.218	-5.076	-5.695	-6.036
3891	38.90	-6.070	-5.781	-5.180	-4.333	-3.366	-2.452	-1.757	-1.377	-1.293	-1.363
3901	39.00	-1.376	-1.129	-0.513	0.443	1.578	2.657	3.460	3.850	3.805	3.405
3911	39.10	2.788	2.092	1.422	0.840	0.381	0.068	-0.082	-0.059	0.118	0.400
3921	39.20	0.712	0.981	1.170	1.293	1.409	1.591	1.884	2.270	2.671	2.967
3931	39.30	3.049	2.863	2.427	1.825	1.166	0.538	-0.019	-0.519	-1.008	-1.532
3941	39.40	-2.103	-2.694	-3.243	-3.681	-3.949	-4.009	-3.844	-3.469	-2.830	-2.014
3951	39.50	-1.062	-0.076	0.801	1.420	1.667	1.504	0.996	0.292	-0.411	-0.933
3961	39.60	-1.160	-1.070	-0.722	-0.222	0.324	0.837	1.277	1.626	1.871	1.991
3971	39.70	1.970	1.808	1.551	1.285	1.118	1.129	1.330	1.642	1.913	1.968
3981	39.80	1.681	1.026	0.102	-0.903	-1.768	-2.314	-2.455	-2.214	-1.701	-1.064
3991	39.90	-0.448	0.038	0.332	0.409	0.273	-0.044	-0.480	-0.935	-1.284	-1.401

Table 7-83-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-1.196	-0.651	0.165	1.111	2.018	2.734	3.172	3.322	3.236	3.004
4011	40.10	2.712	2.427	2.192	2.035	1.975	2.015	2.127	2.240	2.240	1.999
4021	40.20	1.431	0.537	-0.567	-1.669	-2.526	-2.956	-2.912	-2.517	-2.025	-1.731
4031	40.30	-1.859	-2.474	-3.450	-4.521	-5.376	-5.776	-5.638	-5.051	-4.229	-3.419
4041	40.40	-2.798	-2.416	-2.189	-1.960	-1.577	-0.976	-0.209	0.573	1.187	1.500
4051	40.50	1.490	1.265	1.013	0.932	1.137	1.611	2.200	2.679	2.838	2.582
4061	40.60	1.977	1.240	0.663	0.504	0.879	1.716	2.769	3.703	4.219	4.154
4071	40.70	3.540	2.583	1.578	0.801	0.410	0.411	0.672	1.004	1.247	1.327
4081	40.80	1.269	1.163	1.093	1.079	1.062	0.921	0.542	-0.124	-1.019	-1.987
4091	40.90	-2.830	-3.374	-3.537	-3.353	-2.955	-2.520	-2.206	-2.104	-2.216	-2.469
4101	41.00	-2.746	-2.916	-2.865	-2.511	-1.818	-0.816	0.391	1.616	2.615	3.138
4111	41.10	3.009	2.202	0.850	-0.627	-1.911	-2.614	-2.557	-1.806	-0.649	0.507
4121	41.20	1.295	1.520	1.225	0.652	0.122	-0.114	0.012	0.358	0.645	0.597
4131	41.30	0.074	-0.842	-1.877	-2.663	-2.897	-2.465	-1.492	-0.302	0.714	1.234
4141	41.40	1.128	0.492	-0.394	-1.176	-1.548	-1.344	-0.581	0.571	1.852	3.000
4151	41.50	3.823	4.235	4.259	3.992	3.561	3.066	2.560	2.032	1.443	0.756
4161	41.60	-0.017	-0.789	-1.415	-1.726	-1.603	-1.033	-0.140	0.838	1.617	1.966
4171	41.70	1.785	1.147	0.266	-0.582	-1.164	-1.372	-1.250	-0.957	-0.686	-0.572
4181	41.80	-0.632	-0.765	-0.808	-0.615	-0.136	0.560	1.298	1.869	2.105	1.937
4191	41.90	1.413	0.671	-0.114	-0.788	-1.256	-1.495	-1.538	-1.444	-1.280	-1.093
4201	42.00	-0.917	-0.763	-0.632	-0.514	-0.389	-0.236	-0.042	0.184	0.408	0.570
4211	42.10	0.603	0.461	0.148	-0.277	-0.703	-1.009	-1.104	-0.971	-0.679	-0.363
4221	42.20	-0.177	-0.228	-0.536	-1.014	-1.504	-1.834	-1.893	-1.672	-1.272	-0.853
4231	42.30	-0.569	-0.500	-0.617	-0.804	-0.913	-0.840	-0.572	-0.191	0.171	0.407
4241	42.40	0.490	0.492	0.543	0.758	1.159	1.645	2.025	2.101	1.767	1.070
4251	42.50	0.208	-0.553	-0.991	-1.030	-0.775	-0.459	-0.334	-0.548	-1.067	-1.690
4261	42.60	-2.126	-2.129	-1.594	-0.603	0.617	1.789	2.691	3.215	3.371	3.233
4271	42.70	2.875	2.331	1.605	0.712	-0.262	-1.152	-1.743	-1.856	-1.439	-0.619
4281	42.80	0.316	1.014	1.186	0.723	-0.256	-1.442	-2.449	-2.956	-2.815	-2.092
4291	42.90	-1.026	0.069	0.922	1.381	1.441	1.208	0.835	0.449	0.122	-0.141
4301	43.00	-0.363	-0.560	-0.718	-0.792	-0.729	-0.502	-0.133	0.303	0.701	0.962
4311	43.10	1.030	0.907	0.657	0.376	0.159	0.066	0.100	0.206	0.285	0.226
4321	43.20	-0.059	-0.607	-1.381	-2.271	-3.108	-3.697	-3.866	-3.512	-2.634	-1.348
4331	43.30	0.140	1.579	2.741	3.476	3.742	3.598	3.165	2.571	1.909	1.219
4341	43.40	0.504	-0.230	-0.945	-1.554	-1.949	-2.044	-1.825	-1.369	-0.832	-0.388
4351	43.50	-0.167	-0.201	-0.415	-0.664	-0.796	-0.715	-0.414	0.042	0.559	1.067
4361	43.60	1.553	2.049	2.587	3.153	3.650	3.919	3.801	3.217	2.230	1.056
4371	43.70	0.011	-0.595	-0.570	0.084	1.161	2.313	3.170	3.459	3.092	2.183
4381	43.80	0.996	-0.150	-0.993	-1.404	-1.409	-1.154	-0.836	-0.619	-0.582	-0.703
4391	43.90	-0.889	-1.034	-1.071	-1.006	-0.912	-0.887	-1.009	-1.288	-1.662	-2.015
4401	44.00	-2.235	-2.254	-2.086	-1.817	-1.567	-1.434	-1.448	-1.556	-1.639	-1.562
4411	44.10	-1.230	-0.628	0.166	1.000	1.692	2.081	2.064	1.624	0.826	-0.190
4421	44.20	-1.234	-2.104	-2.617	-2.653	-2.181	-1.277	-0.107	1.109	2.151	2.856
4431	44.30	3.151	3.060	2.676	2.122	1.511	0.928	0.427	0.052	-0.165	-0.201
4441	44.40	-0.076	0.128	0.261	0.135	-0.403	-1.396	-2.717	-4.084	-5.123	-5.499
4451	44.50	-5.033	-3.783	-2.028	-0.172	1.393	2.425	2.894	2.951	2.835	2.748
4461	44.60	2.761	2.802	2.715	2.362	1.711	0.865	0.022	-0.615	-0.935	-0.962
4471	44.70	-0.835	-0.731	-0.767	-0.944	-1.146	-1.205	-0.986	-0.460	0.279	1.057
4481	44.80	1.692	2.066	2.156	2.021	1.749	1.412	1.042	0.645	0.231	-0.161
4491	44.90	-0.471	-0.651	-0.709	-0.727	-0.834	-1.140	-1.654	-2.248	-2.681	-2.688

Table 7-83-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-2.105	-0.964	0.493	1.891	2.862	3.187	2.881	2.168	1.372	0.772
4511	45.10	0.487	0.447	0.457	0.312	-0.083	-0.667	-1.257	-1.647	-1.714	-1.481
4521	45.20	-1.106	-0.806	-0.752	-1.001	-1.476	-2.020	-2.472	-2.735	-2.797	-2.708
4531	45.30	-2.530	-2.286	-1.953	-1.489	-0.874	-0.153	0.569	1.157	1.507	1.586
4541	45.40	1.448	1.197	0.937	0.724	0.544	0.340	0.061	-0.286	-0.620	-0.803
4551	45.50	-0.704	-0.259	0.478	1.341	2.104	2.557	2.585	2.205	1.559	0.866
4561	45.60	0.340	0.125	0.259	0.678	1.250	1.823	2.272	2.507	2.480	2.161
4571	45.70	1.531	0.588	-0.628	-2.011	-3.374	-4.480	-5.086	-5.032	-4.294	-3.017
4581	45.80	-1.483	-0.025	1.071	1.654	1.740	1.481	1.087	0.729	0.480	0.303
4591	45.90	0.096	-0.229	-0.688	-1.201	-1.628	-1.834	-1.762	-1.467	-1.091	-0.805
4601	46.00	-0.730	-0.880	-1.160	-1.412	-1.484	-1.303	-0.902	-0.398	0.061	0.371
4611	46.10	0.512	0.563	0.660	0.937	1.471	2.243	3.143	4.005	4.661	4.987
4621	46.20	4.939	4.552	3.914	3.131	2.291	1.441	0.599	-0.225	-0.996	-1.633
4631	46.30	-2.012	-2.011	-1.563	-0.709	0.374	1.409	2.092	2.195	1.652	0.593
4641	46.40	-0.690	-1.840	-2.549	-2.661	-2.196	-1.326	-0.292	0.687	1.465	1.981
4651	46.50	2.225	2.195	1.877	1.265	0.395	-0.609	-1.544	-2.175	-2.327	-1.967
4661	46.60	-1.238	-0.412	0.209	0.420	0.207	-0.253	-0.671	-0.775	-0.436	0.273
4671	46.70	1.112	1.781	2.050	1.852	1.301	0.623	0.049	-0.286	-0.389	-0.386
4681	46.80	-0.448	-0.703	-1.187	-1.835	-2.525	-3.130	-3.559	-3.763	-3.717	-3.405
4691	46.90	-2.812	-1.948	-0.887	0.221	1.164	1.734	1.807	1.409	0.724	0.037
4701	47.00	-0.373	-0.348	0.081	0.701	1.207	1.326	0.928	0.074	-1.010	-2.032
4711	47.10	-2.737	-2.993	-2.799	-2.250	-1.457	-0.495	0.609	1.844	3.150	4.374
4721	47.20	5.279	5.607	5.181	3.988	2.224	0.250	-1.514	-2.719	-3.192	-2.982
4731	47.30	-2.318	-1.520	-0.881	-0.585	-0.671	-1.054	-1.580	-2.086	-2.435	-2.532
4741	47.40	-2.318	-1.761	-0.868	0.298	1.597	2.813	3.693	4.018	3.678	2.731
4751	47.50	1.409	0.056	-0.968	-1.407	-1.187	-0.434	0.575	1.512	2.111	2.239
4761	47.60	1.919	1.290	0.534	-0.193	-0.805	-1.277	-1.614	-1.805	-1.803	-1.537
4771	47.70	-0.960	-0.093	0.944	1.952	2.707	3.043	2.906	2.375	1.625	0.852
4781	47.80	0.189	-0.339	-0.814	-1.359	-2.066	-2.923	-3.801	-4.494	-4.809	-4.645
4791	47.90	-4.051	-3.208	-2.359	-1.712	-1.361	-1.254	-1.230	-1.104	-0.752	-0.167
4801	48.00	0.550	1.249	1.812	2.214	2.529	2.879	3.348	3.908	4.396	4.558
4811	48.10	4.160	3.097	1.470	-0.414	-2.128	-3.267	-3.583	-3.062	-1.920	-0.519
4821	48.20	0.766	1.661	2.059	2.010	1.665	1.198	0.748	0.401	0.206	0.195
4831	48.30	0.390	0.780	1.287	1.742	1.912	1.579	0.644	-0.780	-2.357	-3.603
4841	48.40	-4.061	-3.486	-1.981	0.000	1.786	2.731	2.464	1.052	-1.014	-2.984
4851	48.50	-4.133	-4.031	-2.689	-0.537	1.763	3.586	4.566	4.692	4.241	3.583
4861	48.60	2.978	2.443	1.778	0.711	-0.894	-2.888	-4.821	-6.089	-6.181	-4.917
4871	48.70	-2.564	0.224	2.636	3.997	4.018	2.881	1.144	-0.500	-1.497	-1.629
4881	48.80	-1.053	-0.187	0.502	0.694	0.333	-0.398	-1.188	-1.751	-1.939	-1.763
4891	48.90	-1.346	-0.835	-0.325	0.153	0.611	1.048	1.424	1.674	1.753	1.684
4901	49.00	1.574	1.567	1.774	2.197	2.716	3.133	3.272	3.081	2.669	2.263
4911	49.10	2.091	2.244	2.598	2.829	2.534	1.403	-0.635	-3.356	-6.303	-8.939
4921	49.20	-10.812	-11.678	-11.525	-10.508	-8.846	-6.732	-4.303	-1.675	0.998	3.485
4931	49.30	5.489	6.724	7.011	6.351	4.943	3.126	1.272	-0.314	-1.466	-2.162
4941	49.40	-2.479	-2.534	-2.418	-2.180	-1.824	-1.335	-0.703	0.057	0.898	1.738
4951	49.50	2.458	2.915	2.966	2.517	1.573	0.275	-1.102	-2.205	-2.710	-2.435
4961	49.60	-1.420	0.063	1.582	2.680	3.021	2.501	1.268	-0.331	-1.876	-3.006
4971	49.70	-3.517	-3.419	-2.890	-2.198	-1.588	-1.186	-0.943	-0.631	0.074	1.478
4981	49.80	3.725	6.686	9.926	12.779	14.519	14.582	12.765	9.315	4.878	0.306
4991	49.90	-3.601	-6.324	-7.736	-8.057	-7.687	-6.996	-6.173	-5.194	-3.915	-2.238

Table 7-83-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.242	1.773	3.374	4.156	3.913	2.719	0.902	-1.093	-2.861	-4.160
5011	50.10	-4.940	-5.282	-5.287	-5.002	-4.395	-3.412	-2.060	-0.473	1.098	2.350
5021	50.20	3.034	3.047	2.460	1.477	0.351	-0.698	-1.535	-2.096	-2.353	-2.275
5031	50.30	-1.817	-0.955	0.268	1.713	3.148	4.317	5.013	5.150	4.778	4.044
5041	50.40	3.114	2.095	1.007	-0.204	-1.591	-3.135	-4.693	-6.014	-6.795	-6.775
5051	50.50	-5.818	-3.961	-1.410	1.503	4.390	6.871	8.629	9.442	9.210	7.955
5061	50.60	5.830	3.095	0.086	-2.835	-5.339	-7.183	-8.242	-8.509	-8.076	-7.092
5071	50.70	-5.722	-4.122	-2.419	-0.718	0.887	2.307	3.453	4.242	4.608	4.515
5081	50.80	3.966	3.003	1.708	0.189	-1.427	-3.002	-4.391	-5.452	-6.056	-6.104
5091	50.90	-5.561	-4.479	-3.016	-1.420	0.012	1.017	1.445	1.326	0.876	0.447
5101	51.00	0.411	1.028	2.345	4.155	6.058	7.589	8.375	8.267	7.381	6.058
5111	51.10	4.686	3.642	3.074	2.912	2.909	2.759	2.229	1.245	-0.093	-1.577
5121	51.20	-2.987	-4.185	-5.149	-5.941	-6.614	-7.120	-7.263	-6.736	-5.239	-2.639
5131	51.30	0.891	4.829	8.395	10.748	11.244	9.663	6.310	1.951	-2.401	-5.784
5141	51.40	-7.559	-7.570	-6.138	-3.904	-1.586	0.240	1.315	1.623	1.369	0.789
5151	51.50	0.034	-0.864	-1.954	-3.264	-4.709	-6.065	-7.006	-7.224	-6.540	-4.992
5161	51.60	-2.845	-0.516	1.534	2.929	3.456	3.099	2.004	0.428	-1.570	-3.029
5171	51.70	-4.420	-5.354	-5.735	-5.521	-4.725	-3.414	-1.711	0.205	2.115	3.786
5181	51.80	5.012	5.657	5.698	5.239	4.494	3.735	3.215	3.097	3.406	4.036
5191	51.90	4.805	5.534	6.118	6.551	6.905	7.249	7.580	7.769	7.589	6.784
5201	52.00	5.179	2.772	-0.231	-3.454	-6.441	-8.768	-10.133	-10.401	-9.599	-7.883
5211	52.10	-5.503	-2.770	-0.033	2.355	4.088	4.970	4.973	4.250	3.090	1.818
5221	52.20	0.673	-0.277	-1.146	-2.149	-3.465	-5.102	-6.834	-8.247	-8.878	-8.405
5231	52.30	-6.793	-4.329	-1.546	0.962	2.729	3.561	3.553	2.999	2.232	1.470
5241	52.40	0.733	-0.144	-1.404	-3.229	-5.624	-8.370	-11.059	-13.197	-14.334	-14.169
5251	52.50	-12.617	-9.812	-6.072	-1.815	2.512	6.521	9.930	12.596	14.504	15.729
5261	52.60	16.373	16.501	16.098	15.065	13.267	10.606	7.106	2.967	-1.436	-5.614
5271	52.70	-9.064	-11.381	-12.344	-11.942	-10.355	-7.886	-4.889	-1.708	1.361	4.077
5281	52.80	6.268	7.833	8.759	9.135	9.141	9.006	8.937	9.042	9.272	9.416
5291	52.90	9.159	8.185	6.298	3.504	0.043	-3.663	-7.109	-9.830	-11.505	-12.018
5301	53.00	-11.458	-10.078	-8.226	-6.267	-4.515	-3.183	-2.354	-1.988	-1.952	-2.078
5311	53.10	-2.237	-2.384	-2.582	-2.966	-3.659	-4.686	-5.908	-7.028	-7.663	-7.478
5321	53.20	-6.308	-4.232	-1.544	1.340	4.033	6.286	8.038	9.358	10.366	11.018
5331	53.30	11.243	10.880	9.680	7.610	4.823	1.659	-1.442	-4.082	-6.004	-7.138
5341	53.40	-7.562	-7.413	-6.817	-5.848	-4.556	-3.014	-1.351	0.260	1.665	2.805
5351	53.50	3.752	4.680	5.760	7.034	8.330	9.278	9.431	8.449	6.263	3.146
5361	53.60	-0.355	-3.599	-6.067	-7.524	-8.062	-8.000	-7.717	-7.468	-7.292	-7.016
5371	53.70	-6.368	-5.116	-3.178	-0.661	2.180	5.021	7.545	9.492	10.669	10.947
5381	53.80	10.268	8.682	6.379	3.704	1.099	-0.998	-2.300	-2.772	-2.658	-2.385
5391	53.90	-2.396	-2.962	-4.062	-5.385	-6.465	-6.873	-6.407	-5.177	-3.557	-2.029
5401	54.00	-0.996	-0.639	-0.882	-1.475	-2.132	-2.666	-3.045	-3.359	-3.720	-4.157
5411	54.10	-4.568	-4.750	-4.494	-3.688	-2.380	-0.759	0.920	2.436	3.665	4.586
5421	54.20	5.225	5.589	5.628	5.251	4.395	3.108	1.580	0.105	-1.014	-1.578
5431	54.30	-1.572	-1.147	-0.542	0.039	0.510	0.917	1.362	1.894	2.423	2.719
5441	54.40	2.501	1.578	-0.033	-2.072	-4.119	-5.744	-6.664	-6.829	-6.394	-5.593
5451	54.50	-4.600	-3.436	-1.987	-0.113	2.208	4.787	7.238	9.101	10.031	9.940
5461	54.60	9.052	7.810	6.703	6.073	5.996	6.280	6.576	6.529	5.925	4.750
5471	54.70	3.164	1.411	-0.276	-1.745	-2.938	-3.864	-4.563	-5.073	-5.422	-5.635
5481	54.80	-5.732	-5.729	-5.623	-5.389	-4.990	-4.400	-3.636	-2.764	-1.880	-1.068
5491	54.90	-0.362	0.269	0.898	1.577	2.285	2.898	3.222	3.069	2.346	1.115

Table 7-83-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.412	-1.940	-3.190	-3.984	-4.277	-4.132	-3.646	-2.890	-1.881	-0.614
5511	55.10	0.880	2.482	3.983	5.139	5.756	5.777	5.299	4.531	3.692	2.909
5521	55.20	2.159	1.297	0.151	-1.366	-3.169	-4.997	-6.497	-7.350	-7.394	-6.688
5531	55.30	-5.483	-4.121	-2.904	-1.987	-1.335	-0.756	0.009	1.170	2.801	4.789
5541	55.40	6.851	8.592	9.601	9.554	8.305	5.940	2.774	-0.706	-3.949	-6.480
5551	55.50	-8.010	-8.500	-8.141	-7.259	-6.174	-5.084	-4.001	-2.789	-1.267	0.650
5561	55.60	2.859	5.053	6.817	7.770	7.722	6.755	5.202	3.524	2.141	1.283
5571	55.70	0.925	0.824	0.643	0.097	-0.924	-2.327	-3.855	-5.194	-6.081	-6.376
5581	55.80	-6.080	-5.297	-4.181	-2.883	-1.526	-0.206	0.990	1.981	2.695	3.084
5591	55.90	3.145	2.923	2.503	1.982	1.451	0.980	0.614	0.384	0.307	0.350
5601	56.00	0.568	0.800	0.973	0.983	0.764	0.320	-0.271	-0.879	-1.376	-1.684
5611	56.10	-1.798	-1.776	-1.686	-1.552	-1.327	-0.903	-0.176	0.880	2.159	3.424
5621	56.20	4.376	4.754	4.443	3.516	2.218	0.869	-0.253	-1.001	-1.394	-1.576
5631	56.30	-1.723	-1.959	-2.303	-2.674	-2.954	-3.060	-2.992	-2.835	-2.706	-2.690
5641	56.40	-2.783	-2.881	-2.823	-2.461	-1.727	-0.673	0.550	1.736	2.692	3.287
5651	56.50	3.462	3.218	2.579	1.568	0.211	-1.436	-3.257	-5.052	-6.567	-7.561
5661	56.60	-7.785	-7.242	-6.010	-4.310	-2.412	-0.552	1.132	2.615	3.955	5.224
5671	56.70	6.452	7.590	8.526	9.132	9.323	9.097	8.537	7.774	6.927	6.056
5681	56.80	5.146	4.121	2.903	1.458	-0.165	-1.834	-3.363	-4.562	-5.278	-5.433
5691	56.90	-5.023	-4.117	-2.840	-1.355	0.154	1.504	2.534	3.138	3.284	3.017
5701	57.00	2.440	1.674	0.819	-0.080	-1.032	-2.077	-3.238	-4.485	-5.719	-6.777
5711	57.10	-7.483	-7.683	-7.296	-6.325	-4.854	-3.034	-1.052	0.883	2.565	3.810
5721	57.20	4.485	4.532	3.986	2.978	1.700	0.359	-0.870	-1.875	-2.614	-3.077
5731	57.30	-3.258	-3.119	-2.609	-1.698	-0.432	1.021	2.385	3.329	3.570	2.974
5741	57.40	1.624	-0.182	-2.002	-3.372	-3.931	-3.517	-2.207	-0.277	1.870	3.808
5751	57.50	5.180	5.761	5.483	4.428	2.788	0.823	-1.193	-3.011	-4.431	-5.321
5761	57.60	-5.604	-5.257	-4.302	-2.803	-0.878	1.299	3.505	5.496	7.054	8.042
5771	57.70	8.436	8.336	7.916	7.360	6.784	6.186	5.456	4.426	2.965	1.063
5781	57.80	-1.135	-3.348	-5.242	-6.545	-7.135	-7.087	-6.637	-6.091	-5.713	-5.630
5791	57.90	-5.793	-6.003	-5.999	-5.563	-4.605	-3.205	-1.586	-0.044	1.144	1.805
5801	58.00	1.913	1.577	0.990	0.359	-0.168	-0.533	-0.767	-0.951	-1.154	-1.391
5811	58.10	-1.598	-1.652	-1.421	-0.821	0.135	1.328	2.560	3.606	4.285	4.509
5821	58.20	4.298	3.759	3.040	2.271	1.525	0.804	0.064	-0.745	-1.631	-2.528
5831	58.30	-3.296	-3.754	-3.728	-3.113	-1.912	-0.255	1.626	3.449	4.948	5.938
5841	58.40	6.354	6.262	5.827	5.262	4.764	4.461	4.379	4.446	4.520	4.433
5851	58.50	4.038	3.249	2.050	0.505	-1.265	-3.100	-4.823	-6.266	-7.284	-7.781
5861	58.60	-7.718	-7.122	-6.084	-4.735	-3.225	-1.695	-0.250	1.038	2.127	2.982
5871	58.70	3.567	3.831	3.726	3.227	2.354	1.179	-0.176	-1.574	-2.887	-4.024
5881	58.80	-4.934	-5.593	-5.977	-6.049	-5.760	-5.069	-3.978	-2.565	-0.986	0.551
5891	58.90	1.832	2.695	3.073	3.006	2.613	2.057	1.495	1.042	0.766	0.684
5901	59.00	0.778	0.995	1.248	1.419	1.373	0.999	0.250	-0.805	-1.978	-2.995
5911	59.10	-3.574	-3.521	-2.807	-1.595	-0.187	1.070	1.906	2.214	2.073	1.698
5921	59.20	1.341	1.183	1.273	1.523	1.764	1.837	1.659	1.262	0.755	0.272
5931	59.30	-0.098	-0.350	-0.543	-0.761	-1.042	-1.347	-1.561	-1.545	-1.206	-0.561
5941	59.40	0.244	0.977	1.394	1.339	0.809	-0.027	-0.882	-1.445	-1.486	-0.936
5951	59.50	0.088	1.332	2.491	3.305	3.642	3.512	3.041	2.395	1.712	1.050
5961	59.60	0.388	-0.331	-1.140	-2.001	-2.793	-3.348	-3.514	-3.221	-2.518	-1.553
5971	59.70	-0.523	0.406	1.155	1.750	2.290	2.880	3.565	4.293	4.925	5.284
5981	59.80	5.224	4.684	3.697	2.369	0.827	-0.820	-2.503	-4.171	-5.755	-7.139
5991	59.90	-8.163	-8.660	-8.525	-7.767	-6.530	-5.056	-3.600	-2.343	-1.329	-0.472

Table 7-83-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.385	1.363	2.465	3.542	4.337	4.587	4.146	3.058	1.561	0.010
6011	60.10	-1.255	-2.026	-2.290	-2.209	-2.021	-1.920	-1.962	-2.043	-1.952	-1.483
6021	60.20	-0.540	0.803	2.317	3.707	4.718	5.233	5.295	5.075	4.784	4.573
6031	60.30	4.478	4.412	4.222	3.750	2.956	1.851	0.584	-0.665	-1.725	-2.488
6041	60.40	-2.919	-3.043	-2.918	-2.600	-2.128	-1.528	-0.826	-0.059	0.713	1.416
6051	60.50	1.973	2.329	2.460	2.385	2.157	1.852	1.542	1.276	1.060	0.849
6061	60.60	0.562	0.105	-0.589	-1.523	-2.620	-3.728	-4.658	-5.247	-5.402	-5.144
6071	60.70	-4.589	-3.909	-3.261	-2.726	-2.280	-1.813	-1.193	-0.337	0.728	1.849
6081	60.80	2.792	3.319	3.283	2.682	1.675	0.523	-0.498	-1.187	-1.481	-1.455
6091	60.90	-1.273	-1.110	-1.075	-1.177	-1.334	-1.423	-1.348	-1.084	-0.692	-0.284
6101	61.00	0.030	0.199	0.255	0.298	0.453	0.807	1.365	2.066	2.704	3.188
6111	61.10	3.394	3.293	2.939	2.428	1.859	1.293	0.741	0.176	-0.436	-1.107
6121	61.20	-1.807	-2.468	-3.008	-3.357	-3.476	-3.360	-3.025	-2.490	-1.770	-0.876
6131	61.30	0.166	1.291	2.380	3.269	3.779	3.765	3.165	2.038	0.565	-0.986
6141	61.40	-2.317	-3.179	-3.431	-3.075	-2.246	-1.174	-0.111	0.739	1.264	1.464
6151	61.50	1.431	1.294	1.173	1.133	1.175	1.250	1.296	1.280	1.215	1.158
6161	61.60	1.176	1.311	1.542	1.782	1.899	1.765	1.307	0.541	-0.422	-1.403
6171	61.70	-2.213	-2.701	-2.796	-2.518	-1.955	-1.227	-0.440	0.340	1.090	1.811
6181	61.80	2.503	3.135	3.639	3.922	3.897	3.517	2.801	1.841	0.778	-0.231
6191	61.90	-1.058	-1.634	-1.955	-2.072	-2.055	-1.967	-1.838	-1.671	-1.453	-1.175
6201	62.00	-0.846	-0.493	-0.142	0.201	0.557	0.960	1.431	1.945	2.405	2.663
6211	62.10	2.563	2.006	1.007	-0.284	-1.617	-2.720	-3.392	-3.577	-3.383	-3.033
6221	62.20	-2.774	-2.774	-3.053	-3.484	-3.846	-3.930	-3.624	-2.959	-2.089	-1.215
6231	62.30	-0.494	0.023	0.398	0.761	1.219	1.786	2.354	2.729	2.715	2.214
6241	62.40	1.285	0.146	-0.899	-1.570	-1.711	-1.351	-0.680	0.030	0.543	0.747
6251	62.50	0.691	0.553	0.548	0.829	1.419	2.196	2.954	3.484	3.664	3.502
6261	62.60	3.120	2.693	2.362	2.180	2.089	1.963	1.673	1.154	0.447	-0.314
6271	62.70	-0.955	-1.329	-1.373	-1.125	-0.712	-0.292	-0.003	0.076	-0.064	-0.378
6281	62.80	-0.800	-1.269	-1.746	-2.216	-2.670	-3.099	-3.480	-3.781	-3.965	-4.000
6291	62.90	-3.866	-3.562	-3.105	-2.535	-1.911	-1.299	-0.766	-0.354	-0.073	0.106
6301	63.00	0.239	0.388	0.594	0.864	1.173	1.474	1.729	1.925	2.073	2.193
6311	63.10	2.295	2.354	2.323	2.148	1.805	1.324	0.787	0.299	-0.063	-0.285
6321	63.20	-0.428	-0.597	-0.884	-1.307	-1.786	-2.158	-2.246	-1.930	-1.216	-0.226
6331	63.30	0.821	1.712	2.305	2.569	2.569	2.412	2.177	1.877	1.468	0.890
6341	63.40	0.137	-0.709	-1.484	-1.996	-2.105	-1.781	-1.126	-0.332	0.390	0.891
6351	63.50	1.130	1.168	1.118	1.083	1.104	1.146	1.134	0.998	0.720	0.351
6361	63.60	-0.015	-0.280	-0.385	-0.332	-0.172	0.028	0.222	0.405	0.608	0.863
6371	63.70	1.171	1.479	1.687	1.684	1.392	0.804	0.003	-0.866	-1.632	-2.159
6381	63.80	-2.376	-2.294	-1.986	-1.556	-1.095	-0.657	-0.256	0.123	0.500	0.875
6391	63.90	1.223	1.504	1.678	1.728	1.666	1.526	1.342	1.126	0.853	0.468
6401	64.00	-0.085	-0.829	-1.724	-2.658	-3.471	-4.008	-4.176	-3.978	-3.521	-2.976
6411	64.10	-2.507	-2.210	-2.067	-1.963	-1.734	-1.253	-0.491	0.653	1.381	2.071
6421	64.20	2.363	2.222	1.744	1.112	0.515	0.069	-0.221	-0.444	-0.719	-1.117
6431	64.30	-1.607	-2.054	-2.276	-2.122	-1.552	-0.660	0.349	1.240	1.839	2.087
6441	64.40	2.058	1.902	1.774	1.762	1.855	1.966	1.988	1.856	1.586	1.267
6451	64.50	1.019	0.929	1.015	1.213	1.413	1.510	1.454	1.269	1.033	0.845
6461	64.60	0.774	0.838	1.002	1.204	1.388	1.524	1.610	1.661	1.689	1.687
6471	64.70	1.631	1.490	1.243	0.883	0.423	-0.116	-0.709	-1.326	-1.928	-2.462
6481	64.80	-2.862	-3.064	-3.032	-2.773	-2.343	-1.831	-1.321	-0.866	-0.466	-0.085
6491	64.90	0.317	0.740	1.125	1.365	1.342	0.994	0.351	-0.454	-1.228	-1.780

Table 7-83-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-1.994	-1.868	-1.507	-1.073	-0.717	-0.521	-0.482	-0.522	-0.543	-0.473
6511	65.10	-0.290	-0.021	0.283	0.582	0.861	1.128	1.389	1.626	1.787	1.800
6521	65.20	1.610	1.204	0.632	-0.006	-0.599	-1.063	-1.372	-1.562	-1.701	-1.854
6531	65.30	-2.043	-2.233	-2.346	-2.297	-2.033	-1.558	-0.936	-0.274	0.320	0.762
6541	65.40	1.015	1.086	1.019	0.869	0.692	0.535	0.434	0.417	0.501	0.681
6551	65.50	0.934	1.207	1.438	1.561	1.533	1.342	1.012	0.589	0.130	-0.316
6561	65.60	-0.714	-1.038	-1.263	-1.356	-1.281	-1.014	-0.563	0.014	0.610	1.090
6571	65.70	1.333	1.274	0.929	0.399	-0.166	-0.607	-0.813	-0.768	-0.457	-0.038
6581	65.80	0.398	0.760	0.998	1.105	1.098	0.998	0.820	0.573	0.272	-0.055
6591	65.90	-0.367	-0.619	-0.780	-0.847	-0.851	-0.840	-0.863	-0.950	-1.101	-1.292
6601	66.00	-1.493	-1.681	-1.848	-1.994	-2.111	-2.172	-2.130	-1.933	-1.550	-0.997
6611	66.10	-0.348	0.232	0.772	1.031	1.037	0.838	0.537	0.249	0.065	0.019
6621	66.20	0.093	0.228	0.360	0.447	0.480	0.484	0.495	0.540	0.624	0.726
6631	66.30	0.810	0.844	0.808	0.711	0.578	0.450	0.363	0.338	0.376	0.454
6641	66.40	0.535	0.573	0.531	0.386	0.143	-0.169	-0.500	-0.795	-1.003	-1.098
6651	66.50	-1.077	-0.969	-0.815	-0.661	-0.538	-0.460	-0.413	-0.368	-0.289	-0.144
6661	66.60	0.087	0.402	0.781	1.181	1.548	1.814	1.914	1.798	1.441	0.862
6671	66.70	0.127	-0.659	-1.372	-1.895	-2.152	-2.128	-1.872	-1.479	-1.056	-0.686
6681	66.80	-0.400	-0.168	0.076	0.409	0.871	1.450	2.075	2.641	3.048	3.234
6691	66.90	3.189	2.956	2.595	2.161	1.676	1.133	0.518	-0.167	-0.872	-1.512
6701	67.00	-1.982	-2.202	-2.152	-1.885	-1.505	-1.128	-0.829	-0.615	-0.421	-0.147
6711	67.10	0.287	0.890	1.588	2.237	2.681	2.806	2.591	2.109	1.495	0.890
6721	67.20	0.388	0.007	-0.299	-0.604	-0.959	-1.357	-1.738	-2.010	-2.104	-2.003
6731	67.30	-1.761	-1.474	-1.243	-1.121	-1.096	-1.094	-1.017	-0.794	-0.415	0.061
6741	67.40	0.530	0.887	1.075	1.097	1.021	0.933	0.902	0.948	1.032	1.081
6751	67.50	1.028	0.844	0.558	0.243	-0.010	-0.134	-0.108	0.032	0.216	0.366
6761	67.60	0.430	0.397	0.291	0.153	0.019	-0.101	-0.226	-0.389	-0.619	-0.924
6771	67.70	-1.279	-1.634	-1.934	-2.132	-2.204	-2.155	-2.008	-1.790	-1.522	-1.214
6781	67.80	-0.872	-0.503	-0.132	0.208	0.474	0.639	0.697	0.675	0.624	0.599
6791	67.90	0.639	0.750	0.903	1.048	1.134	1.132	1.044	0.895	0.719	0.537
6801	68.00	0.351	0.145	-0.089	-0.336	-0.549	-0.654	-0.586	-0.318	0.112	0.605
6811	68.10	1.032	1.279	1.296	1.111	0.822	0.546	0.374	0.323	0.339	0.317
6821	68.20	0.164	-0.161	-0.615	-1.087	-1.442	-1.576	-1.458	-1.139	-0.730	-0.356
6831	68.30	-0.107	-0.012	-0.043	-0.137	-0.235	-0.310	-0.367	-0.436	-0.538	-0.669
6841	68.40	-0.787	-0.830	-0.741	-0.497	-0.119	0.323	0.740	1.051	1.209	1.213
6851	68.50	1.101	0.935	0.768	0.631	0.524	0.426	0.313	0.169	0.005	-0.154
6861	68.60	-0.276	-0.342	-0.356	-0.366	-0.353	-0.412	-0.535	-0.703	-0.874	-0.998
6871	68.70	-1.043	-1.006	-0.917	-0.825	-0.778	-0.801	-0.885	-0.994	-1.079	-1.097
6881	68.80	-1.028	-0.878	-0.678	-0.463	-0.269	-0.118	-0.015	0.045	0.077	0.104
6891	68.90	0.153	0.252	0.421	0.666	0.971	1.295	1.581	1.773	1.837	1.769
6901	69.00	1.599	1.378	1.155	0.961	0.795	0.631	0.440	0.202	-0.072	-0.346
6911	69.10	-0.566	-0.688	-0.686	-0.569	-0.366	-0.122	0.130	0.370	0.596	0.819
6921	69.20	1.046	1.270	1.466	1.588	1.580	1.385	0.968	0.323	-0.507	-1.433
6931	69.30	-2.325	-3.040	-3.454	-3.497	-3.178	-2.587	-1.867	-1.172	-0.614	-0.231
6941	69.40	0.019	0.237	0.528	0.956	1.507	2.090	2.564	2.793	2.690	2.250
6951	69.50	1.549	0.712	-0.128	-0.868	-1.454	-1.881	-2.162	-2.309	-2.307	-2.121
6961	69.60	-1.708	-1.050	-0.177	0.823	1.814	2.643	3.180	3.358	3.186	2.748
6971	69.70	2.178	1.615	1.164	0.875	0.729	0.664	0.602	0.485	0.295	0.061
6981	69.80	-0.161	-0.314	-0.361	-0.302	-0.168	-0.004	0.154	0.289	0.407	0.520
6991	69.90	0.633	0.732	0.781	0.744	0.605	0.375	0.102	-0.160	-0.367	-0.516

Table 7-83-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.646	-0.817	-1.084	-1.459	-1.898	-2.315	-2.613	-2.729	-2.661	-2.468
7011	70.10	-2.243	-2.062	-1.950	-1.869	-1.738	-1.477	-1.061	-0.538	-0.025	0.336
7021	70.20	0.440	0.256	-0.157	-0.677	-1.172	-1.541	-1.751	-1.825	-1.815	-1.763
7031	70.30	-1.677	-1.532	-1.292	-0.943	-0.511	-0.056	0.353	0.668	0.888	1.056
7041	70.40	1.236	1.477	1.786	2.115	2.387	2.522	2.471	2.240	1.881	1.476
7051	70.50	1.103	0.817	0.639	0.559	0.543	0.554	0.556	0.527	0.466	0.397
7061	70.60	0.367	0.435	0.654	1.043	1.564	2.126	2.598	2.857	2.825	2.505
7071	70.70	1.977	1.366	0.790	0.317	-0.059	-0.403	-0.789	-1.257	-1.775	-2.248
7081	70.80	-2.554	-2.598	-2.354	-1.878	-1.283	-0.690	-0.180	0.227	0.565	0.883
7091	70.90	1.207	1.509	1.714	1.731	1.499	1.015	0.350	-0.380	-1.044	-1.544
7101	71.00	-1.833	-1.920	-1.853	-1.693	-1.493	-1.286	-1.091	-0.919	-0.779	-0.679
7111	71.10	-0.622	-0.599	-0.592	-0.574	-0.517	-0.410	-0.253	-0.065	0.123	0.280
7121	71.20	0.377	0.397	0.332	0.185	-0.032	-0.296	-0.575	-0.830	-1.020	-1.110
7131	71.30	-1.075	-0.911	-0.632	-0.270	0.130	0.516	0.839	1.060	1.153	1.111
7141	71.40	0.948	0.695	0.398	0.114	-0.099	-0.192	-0.132	0.087	0.441	0.872
7151	71.50	1.302	1.649	1.840	1.843	1.666	1.366	1.023	0.721	0.516	0.421
7161	71.60	0.405	0.410	0.379	0.280	0.119	-0.063	-0.212	-0.279	-0.248	-0.127
7171	71.70	0.054	0.261	0.479	0.703	0.938	1.177	1.392	1.536	1.552	1.405
7181	71.80	1.096	0.672	0.209	-0.212	-0.533	-0.744	-0.876	-0.989	-1.139	-1.354
7191	71.90	-1.624	-1.908	-2.149	-2.304	-2.351	-2.294	-2.158	-1.966	-1.737	-1.482
7201	72.00	-1.211	-0.943	-0.710	-0.554	-0.513	-0.604	-0.811	-1.086	-1.362	-1.570
7211	72.10	-1.664	-1.631	-1.495	-1.301	-1.099	-0.922	-0.776	-0.639	-0.469	-0.224
7221	72.20	0.121	0.566	1.077	1.600	2.067	2.420	2.621	2.663	2.569	2.381
7231	72.30	2.149	1.911	1.686	1.470	1.240	0.970	0.646	0.275	-0.112	-0.469
7241	72.40	-0.747	-0.911	-0.950	-0.877	-0.723	-0.521	-0.300	-0.073	0.152	0.373
7251	72.50	0.577	0.743	0.847	0.871	0.816	0.702	0.562	0.427	0.307	0.185
7261	72.60	0.021	-0.229	-0.586	-1.027	-1.483	-1.856	-2.049	-2.007	-1.737	-1.309
7271	72.70	-0.833	-0.418	-0.137	-0.002	0.029	0.024	0.045	0.113	0.209	0.285
7281	72.80	0.300	0.246	0.161	0.118	0.185	0.392	0.705	1.033	1.254	1.267
7291	72.90	1.030	0.587	0.045	-0.459	-0.809	-0.954	-0.914	-0.768	-0.612	-0.519
7301	73.00	-0.514	-0.568	-0.625	-0.630	-0.555	-0.412	-0.242	-0.089	0.016	0.072
7311	73.10	0.105	0.151	0.240	0.388	0.586	0.817	1.060	1.297	1.516	1.702
7321	73.20	1.835	1.888	1.835	1.660	1.368	0.989	0.569	0.156	-0.207	-0.501
7331	73.30	-0.720	-0.874	-0.971	-1.016	-1.005	-0.932	-0.792	-0.588	-0.331	-0.040
7341	73.40	0.262	0.552	0.804	0.996	1.112	1.145	1.105	1.016	0.911	0.817
7351	73.50	0.750	0.706	0.668	0.619	0.562	0.521	0.539	0.653	0.873	1.163
7361	73.60	1.445	1.622	1.620	1.408	1.019	0.529	0.022	-0.444	-0.858	-1.250
7371	73.70	-1.658	-2.093	-2.518	-2.852	-3.006	-2.926	-2.625	-2.183	-1.722	-1.347
7381	73.80	-1.111	-0.994	-0.924	-0.816	-0.628	-0.367	-0.093	0.119	0.222	0.223
7391	73.90	0.174	0.145	0.177	0.261	0.338	0.329	0.183	-0.094	-0.436	-0.740
7401	74.00	-0.916	-0.918	-0.763	-0.514	-0.238	0.022	0.268	0.532	0.852	1.233
7411	74.10	1.637	1.991	2.214	2.253	2.194	1.806	1.423	1.013	0.612	0.231
7421	74.20	-0.133	-0.472	-0.764	-0.975	-1.077	-1.069	-0.982	-0.869	-0.782	-0.743
7431	74.30	-0.737	-0.716	-0.631	-0.460	-0.225	0.012	0.173	0.204	0.097	-0.105
7441	74.40	-0.329	-0.504	-0.591	-0.600	-0.573	-0.564	-0.604	-0.692	-0.795	-0.867
7451	74.50	-0.878	-0.822	-0.715	-0.584	-0.443	-0.287	-0.097	0.144	0.426	0.708
7461	74.60	0.926	1.015	0.937	0.700	0.355	-0.028	-0.385	-0.681	-0.917	-1.118
7471	74.70	-1.305	-1.475	-1.599	-1.629	-1.529	-1.290	-0.945	-0.554	-0.179	0.140
7481	74.80	0.404	0.644	0.904	1.213	1.566	1.926	2.237	2.448	2.529	2.475
7491	74.90	2.300	2.018	1.639	1.169	0.625	0.051	-0.482	-0.892	-1.110	-1.115

Table 7-83-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.946	-0.698	-0.480	-0.377	-0.409	-0.527	-0.634	-0.631	-0.464	-0.150
7511	75.10	0.233	0.581	0.810	0.894	0.874	0.831	0.845	0.953	1.133	1.312
7521	75.20	1.399	1.331	1.099	0.750	0.368	0.039	-0.182	-0.284	-0.298	-0.273
7531	75.30	-0.250	-0.244	-0.246	-0.224	-0.153	-0.019	0.166	0.368	0.543	0.650
7541	75.40	0.659	0.558	0.358	0.081	-0.235	-0.553	-0.837	-1.062	-1.214	-1.292
7551	75.50	-1.302	-1.251	-1.144	-0.988	-0.790	-0.565	-0.339	-0.141	-0.001	0.062
7561	75.60	0.048	-0.026	-0.139	-0.269	-0.409	-0.564	-0.740	-0.936	-1.129	-1.275
7571	75.70	-1.326	-1.250	-1.044	-0.749	-0.430	-0.155	0.037	0.154	0.245	0.377
7581	75.80	0.603	0.925	1.288	1.598	1.752	1.690	1.415	1.004	0.578	0.257
7591	75.90	0.120	0.176	0.366	0.594	0.764	0.819	0.755	0.619	0.476	0.380
7601	76.00	0.351	0.368	0.386	0.362	0.277	0.148	0.014	-0.074	-0.089	-0.039
7611	76.10	0.033	0.068	0.017	-0.137	-0.365	-0.611	-0.807	-0.907	-0.903	-0.825
7621	76.20	-0.728	-0.665	-0.658	-0.696	-0.736	-0.729	-0.646	-0.494	-0.320	-0.191
7631	76.30	-0.169	-0.287	-0.532	-0.855	-1.183	-1.450	-1.611	-1.656	-1.598	-1.462
7641	76.40	-1.267	-1.017	-0.707	-0.334	0.094	0.544	0.964	1.293	1.483	1.514
7651	76.50	1.401	1.194	0.958	0.750	0.603	0.516	0.462	0.403	0.312	0.187
7661	76.60	0.059	-0.025	-0.022	0.083	0.271	0.490	0.675	0.781	0.800	0.767
7671	76.70	0.741	0.778	0.897	1.069	1.226	1.288	1.205	0.982	0.682	0.402
7681	76.80	0.234	0.221	0.341	0.512	0.633	0.622	0.454	0.170	-0.147	-0.406
7691	76.90	-0.543	-0.542	-0.432	-0.267	-0.096	0.049	0.159	0.228	0.244	0.179
7701	77.00	-0.002	-0.321	-0.769	-1.292	-1.806	-2.218	-2.459	-2.504	-2.375	-2.128
7711	77.10	-1.821	-1.495	-1.159	-0.802	-0.404	0.033	0.482	0.892	1.202	1.366
7721	77.20	1.374	1.250	1.048	0.832	0.653	0.536	0.475	0.440	0.391	0.296
7731	77.30	0.142	-0.059	-0.277	-0.472	-0.611	-0.680	-0.685	-0.652	-0.606	-0.567
7741	77.40	-0.531	-0.480	-0.383	-0.221	0.007	0.274	0.535	0.741	0.861	0.886
7751	77.50	0.834	0.736	0.621	0.505	0.392	0.280	0.177	0.104	0.098	0.187
7761	77.60	0.381	0.653	0.946	1.187	1.318	1.313	1.186	0.987	0.774	0.591
7771	77.70	0.455	0.358	0.275	0.188	0.093	0.005	-0.058	-0.082	-0.073	-0.055
7781	77.80	-0.061	-0.121	-0.251	-0.447	-0.689	-0.947	-1.188	-1.382	-1.503	-1.534
7791	77.90	-1.469	-1.313	-1.086	-0.818	-0.535	-0.257	0.009	0.265	0.504	0.706
7801	78.00	0.827	0.814	0.634	0.291	-0.149	-0.580	-0.880	-0.961	-0.806	-0.477
7811	78.10	-0.094	0.211	0.348	0.293	0.089	-0.188	-0.471	-0.732	-0.989	-1.271
7821	78.20	-1.591	-1.912	-2.149	-2.207	-2.023	-1.606	-1.049	-0.491	-0.073	0.125
7831	78.30	0.101	-0.067	-0.273	-0.425	-0.483	-0.464	-0.414	-0.376	-0.360	-0.335
7841	78.40	-0.257	-0.093	0.151	0.433	0.690	0.874	0.976	1.025	1.073	1.165
7851	78.50	1.313	1.489	1.641	1.718	1.691	1.570	1.387	1.184	0.989	0.813
7861	78.60	0.652	0.505	0.383	0.303	0.280	0.312	0.371	0.411	0.394	0.306
7871	78.70	0.180	0.076	0.063	0.180	0.412	0.693	0.926	1.024	0.947	0.711
7881	78.80	0.384	0.051	-0.220	-0.403	-0.510	-0.576	-0.632	-0.685	-0.721	-0.714
7891	78.90	-0.650	-0.538	-0.414	-0.319	-0.287	-0.321	-0.402	-0.498	-0.589	-0.675
7901	79.00	-0.781	-0.937	-1.159	-1.424	-1.679	-1.852	-1.882	-1.745	-1.460	-1.082
7911	79.10	-0.680	-0.303	0.029	0.324	0.601	0.866	1.103	1.275	1.344	1.292
7921	79.20	1.138	0.935	0.748	0.629	0.595	0.624	0.671	0.697	0.690	0.676
7931	79.30	0.700	0.804	0.998	1.245	1.477	1.624	1.644	1.542	1.371	1.202
7941	79.40	1.089	1.046	1.040	1.009	0.898	0.689	0.407	0.107	-0.151	-0.336
7951	79.50	-0.457	-0.559	-0.689	-0.871	-1.090	-1.294	-1.421	-1.424	-1.293	-1.060
7961	79.60	-0.778	-0.499	-0.258	-0.067	0.071	0.155	0.173	0.113	-0.025	-0.213
7971	79.70	-0.397	-0.516	-0.530	-0.445	-0.318	-0.234	-0.268	-0.442	-0.710	-0.973
7981	79.80	-1.119	-1.075	-0.839	-0.480	-0.105	0.192	0.369	0.451	0.502	0.587
7991	79.90	0.735	0.920	1.083	1.167	1.152	1.067	0.967	0.896	0.854	0.787

Table 7-83-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	0.613	0.273	-0.229	-0.810	-1.332	-1.665	-1.738	-1.579	-1.294	-1.020
8011	80.10	-0.852	-0.802	-0.799	-0.730	-0.511	-0.135	0.310	0.679	0.839	0.730
8021	80.20	0.395	-0.039	-0.418	-0.634	-0.663	-0.568	-0.453	-0.409	-0.461	-0.562
8031	80.30	-0.622	-0.563	-0.367	-0.085	0.182	0.333	0.323	0.182	0.004	-0.096
8041	80.40	-0.037	0.189	0.516	0.836	1.043	1.080	0.956	0.733	0.493	0.301
8051	80.50	0.179	0.110	0.057	-0.011	-0.101	-0.194	-0.264	-0.293	-0.294	-0.301
8061	80.60	-0.356	-0.481	-0.663	-0.848	-0.967	-0.960	-0.806	-0.535	-0.221	0.051
8071	80.70	0.214	0.250	0.190	0.101	0.051	0.081	0.188	0.328	0.441	0.479
8081	80.80	0.430	0.323	0.213	0.152	0.167	0.244	0.337	0.391	0.370	0.274
8091	80.90	0.143	0.036	0.000	0.052	0.161	0.267	0.306	0.244	0.093	-0.086
8101	81.00	-0.212	-0.218	-0.083	0.153	0.402	0.564	0.565	0.392	0.099	-0.218
8111	81.10	-0.453	-0.563	-0.484	-0.338	-0.204	-0.175	-0.302	-0.574	-0.923	-1.251
8121	81.20	-1.467	-1.521	-1.411	-1.179	-0.888	-0.594	-0.334	-0.119	0.054	0.194
8131	81.30	0.300	0.366	0.388	0.369	0.326	0.283	0.261	0.267	0.287	0.294
8141	81.40	0.257	0.165	0.029	-0.118	-0.229	-0.267	-0.213	-0.075	0.121	0.340
8151	81.50	0.555	0.744	0.901	1.019	1.091	1.109	1.066	0.961	0.809	0.631
8161	81.60	0.453	0.294	0.161	0.052	-0.038	-0.106	-0.139	-0.116	-0.017	0.159
8171	81.70	0.393	0.642	0.851	0.972	0.974	0.852	0.628	0.336	0.014	-0.302
8181	81.80	-0.585	-0.813	-0.973	-1.060	-1.079	-1.047	-0.992	-0.939	-0.905	-0.889
8191	81.90	-0.870	-0.818	-0.704	-0.517	-0.265	0.026	0.325	0.604	0.847	1.044
8201	82.00	1.179	1.227	1.153	0.928	0.545	0.036	-0.523	-1.033	-1.403	-1.577
8211	82.10	-1.558	-1.403	-1.198	-1.020	-0.908	-0.846	-0.778	-0.636	-0.379	-0.010
8221	82.20	0.421	0.835	1.159	1.353	1.422	1.407	1.365	1.337	1.334	1.335
8231	82.30	1.299	1.188	0.989	0.720	0.424	0.153	-0.053	-0.181	-0.247	-0.288
8241	82.40	-0.340	-0.424	-0.532	-0.631	-0.672	-0.614	-0.460	-0.167	0.151	0.447
8251	82.50	0.654	0.733	0.679	0.522	0.315	0.108	-0.064	-0.191	-0.283	-0.358
8261	82.60	-0.428	-0.489	-0.523	-0.510	-0.438	-0.318	-0.179	-0.059	0.013	0.032
8271	82.70	0.021	0.020	0.075	0.209	0.416	0.653	0.861	0.981	0.977	0.850
8281	82.80	0.636	0.391	0.173	0.019	-0.061	-0.084	-0.084	-0.097	-0.141	-0.217
8291	82.90	-0.309	-0.389	-0.438	-0.448	-0.430	-0.407	-0.406	-0.444	-0.525	-0.631
8301	83.00	-0.731	-0.787	-0.770	-0.667	-0.488	-0.261	-0.028	0.170	0.303	0.358
8311	83.10	0.345	0.291	0.228	0.185	0.177	0.201	0.238	0.259	0.242	0.176
8321	83.20	0.[illegible]9	-0.057	-0.171	-0.250	-0.287	-0.292	-0.294	-0.321	-0.392	-0.507
8331	83.30	-0.642	-0.759	-0.820	-0.801	-0.704	-0.552	-0.385	-0.241	-0.144	-0.095
3341	83.40	-0.075	-0.053	0.001	0.098	0.232	0.378	0.506	0.591	0.625	0.621
8351	83.50	0.612	0.634	0.716	0.867	1.065	1.268	1.417	1.459	1.360	1.119
8361	83.60	0.764	0.350	-0.062	-0.421	-0.694	-0.875	-0.975	-1.017	-1.020	-0.994
8371	83.70	-0.941	-0.860	-0.755	-0.639	-0.533	-0.458	-0.426	-0.438	-0.480	-0.527
8381	83.80	-0.562	-0.575	-0.573	-0.574	-0.598	-0.656	-0.742	-0.830	-0.886	-0.876
8391	83.90	-0.781	-0.601	-0.359	-0.088	0.176	0.406	0.592	0.737	0.653	0.947
8401	84.00	1.020	1.063	1.061	1.002	0.886	0.725	0.541	0.360	0.198	0.053
8411	84.10	-0.048	-0.142	-0.218	-0.262	-0.251	-0.167	-0.006	0.205	0.418	0.568
8421	84.20	0.608	0.522	0.342	0.133	-0.028	-0.090	-0.042	0.071	0.178	0.210
8431	84.30	0.131	-0.038	-0.234	-0.379	-0.416	-0.335	-0.177	-0.012	0.097	0.121
8441	84.40	0.084	0.042	0.055	0.150	0.306	0.461	0.539	0.492	0.320	0.079
8451	84.50	-0.148	-0.291	-0.320	-0.262	-0.186	-0.165	-0.244	-0.411	-0.610	-0.765
8461	84.60	-0.817	-0.751	-0.604	-0.443	-0.331	-0.297	-0.321	-0.348	-0.317	-0.195
8471	84.70	0.001	0.212	0.358	0.376	0.251	0.024	-0.224	-0.405	-0.460	-0.380
8481	84.80	-0.207	-0.011	0.144	0.227	0.252	0.261	0.303	0.399	0.530	0.640
8491	84.90	0.658	0.537	0.274	-0.079	-0.426	-0.669	-0.736	-0.612	-0.341	-0.009

Table 7-83-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.286	0.476	0.536	0.492	0.404	0.342	0.352	0.449	0.611	0.790
8511	85.10	0.934	1.001	0.975	0.861	0.687	0.490	0.307	0.165	0.078	0.042
8521	85.20	0.039	0.040	0.015	-0.059	-0.193	-0.378	-0.588	-0.791	-0.953	-1.052
8531	85.30	-1.080	-1.044	-0.958	-0.842	-0.713	-0.587	-0.472	-0.378	-0.310	-0.271
8541	85.40	-0.255	-0.251	-0.242	-0.210	-0.142	-0.035	0.109	0.278	0.460	0.641
8551	85.50	0.809	0.942	1.017	1.000	0.866	0.606	0.242	-0.173	-0.560	-0.837
8561	85.60	-0.943	-0.862	-0.624	-0.300	0.028	0.291	0.458	0.540	0.576	0.610
8571	85.70	0.670	0.753	0.825	0.839	0.754	0.554	0.261	-0.077	-0.393	-0.625
8581	85.80	-0.731	-0.758	-0.555	-0.337	-0.099	0.110	0.259	0.345	0.386	0.415
8591	85.90	0.463	0.548	0.662	0.774	0.840	0.823	0.707	0.513	0.285	0.079
8601	86.00	-0.060	-0.116	-0.107	-0.070	-0.046	-0.058	-0.102	-0.150	-0.169	-0.139
8611	86.10	-0.066	0.016	0.066	0.047	-0.051	-0.208	-0.386	-0.537	-0.628	-0.643
8621	86.20	-0.587	-0.475	-0.325	-0.156	0.014	0.163	0.264	0.295	0.245	0.126
8631	86.30	-0.027	-0.170	-0.267	-0.305	-0.302	-0.296	-0.323	-0.393	-0.481	-0.531
8641	86.40	-0.490	-0.332	-0.082	0.189	0.391	0.459	0.384	0.220	0.068	0.023
8651	86.50	0.136	0.382	0.673	0.890	0.940	0.793	0.494	0.137	-0.174	-0.377
8661	86.60	-0.466	-0.491	-0.521	-0.604	-0.745	-0.899	-1.002	-0.998	-0.877	-0.673
8671	86.70	-0.454	-0.286	-0.203	-0.197	-0.223	-0.223	-0.162	-0.039	0.108	0.224
8681	86.80	0.261	0.200	0.061	-0.110	-0.258	-0.338	-0.333	-0.252	-0.127	0.008
8691	86.90	0.121	0.196	0.228	0.224	0.195	0.153	0.106	0.059	0.012	-0.037
8701	87.00	-0.089	-0.145	-0.200	-0.246	-0.273	-0.271	-0.237	-0.177	-0.099	-0.018
8711	87.10	0.058	0.125	0.185	0.240	0.287	0.318	0.321	0.287	0.220	0.138
8721	87.20	0.067	0.035	0.048	0.092	0.134	0.134	0.069	-0.053	-0.190	-0.283
8731	87.30	-0.279	-0.160	0.050	0.286	0.476	0.569	0.557	0.480	0.401	0.377
8741	87.40	0.425	0.517	0.589	0.583	0.475	0.297	0.126	0.048	0.117	0.317
8751	87.50	0.568	0.755	0.776	0.593	0.249	-0.144	-0.459	-0.600	-0.547	-0.360
8761	87.60	-0.143	0.000	0.015	-0.084	-0.231	-0.343	-0.372	-0.329	-0.275	-0.296
8771	87.70	-0.451	-0.742	-1.105	-1.435	-1.628	-1.623	-1.425	-1.096	-0.730	-0.404
8781	87.80	-0.159	0.015	0.158	0.312	0.496	0.690	0.843	0.895	0.806	0.573
8791	87.90	0.237	-0.133	-0.462	-0.692	-0.800	-0.800	-0.733	-0.646	-0.575	-0.532
8801	88.00	-0.499	-0.439	-0.315	-0.108	0.170	0.474	0.737	0.898	0.918	0.803
8811	88.10	0.595	0.363	0.169	0.044	-0.020	-0.069	-0.158	-0.322	-0.553	-0.798
8821	88.20	-0.978	-1.016	-0.876	-0.575	-0.179	0.221	0.540	0.734	0.803	0.789
8831	88.30	0.746	0.721	0.729	0.762	0.793	0.796	0.759	0.690	0.605	0.520
8841	88.40	0.444	0.373	0.300	0.220	0.140	0.079	0.059	0.096	0.190	0.328
8851	88.50	0.484	0.633	0.762	0.866	0.953	1.028	1.090	1.122	1.101	1.005
8861	88.60	0.824	0.575	0.293	0.027	-0.175	-0.291	-0.323	-0.305	-0.279	-0.287
8871	88.70	-0.341	-0.425	-0.497	-0.509	-0.429	-0.263	-0.053	0.131	0.221	0.180
8881	88.80	-0.016	-0.217	-0.441	-0.585	-0.616	-0.548	-0.437	-0.356	-0.350	-0.433
8891	88.90	-0.571	-0.707	-0.789	-0.800	-0.767	-0.742	-0.779	-0.898	-1.068	-1.219
8901	89.00	-1.266	-1.152	-0.876	-0.496	-0.107	0.195	0.356	0.379	0.321	0.257
8911	89.10	0.247	0.305	0.400	0.472	0.468	0.372	0.212	0.050	-0.053	-0.066
8921	89.20	-0.002	0.085	0.133	0.103	-0.004	-0.138	-0.229	-0.218	-0.084	0.149
8931	89.30	0.422	0.671	0.854	0.964	1.020	1.055	1.082	1.091	1.051	0.932
8941	89.40	0.729	0.471	0.218	0.036	-0.036	-0.006	0.075	0.127	0.084	-0.083
8951	89.50	-0.349	-0.648	-0.898	-1.037	-1.044	-0.936	-0.758	-0.557	-0.362	-0.181
8961	89.60	-0.008	0.162	0.319	0.440	0.501	0.487	0.405	0.284	0.158	0.052
8971	89.70	-0.033	-0.116	-0.225	-0.379	-0.569	-0.761	-0.907	-0.969	-0.933	-0.816
8981	89.80	-0.654	-0.484	-0.326	-0.175	-0.011	0.178	0.386	0.576	0.699	0.712
8991	89.90	0.608	0.419	0.211	0.053	-0.011	0.013	0.075	0.106	0.047	-0.114

Table 7-83-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	-0.338	-0.553	-0.682	-0.684	-0.568	-0.393	-0.236	-0.166	-0.208	-0.361
9011	90.10	-0.511	-0.655	-0.727	-0.712	-0.622	-0.483	-0.316	-0.133	0.060	0.253
9021	90.20	0.425	0.543	0.577	0.513	0.372	0.202	0.063	0.001	0.029	0.120
9031	90.30	0.224	0.297	0.322	0.321	0.344	0.433	0.602	0.818	1.013	1.115
9041	90.40	1.086	0.944	0.754	0.600	0.540	0.576	0.650	0.674	0.572	0.327
9051	90.50	-0.010	-0.338	-0.554	-0.602	-0.499	-0.330	-0.199	-0.185	-0.299	-0.486
9061	90.60	-0.656	-0.731	-0.692	-0.583	-0.487	-0.475	-0.568	-0.717	-0.832	-0.827
9071	90.70	-0.669	-0.405	-0.141	0.010	-0.019	-0.207	-0.455	-0.634	-0.642	-0.461
9081	90.80	-0.161	0.132	0.301	0.294	0.150	-0.014	-0.071	0.060	0.369	0.757
9091	90.90	1.080	1.215	1.114	0.823	0.463	0.167	0.030	0.069	0.224	0.397
9101	91.00	0.494	0.470	0.362	0.171	0.027	-0.041	-0.030	0.026	0.073	0.067
9111	91.10	-0.008	-0.160	-0.294	-0.432	-0.529	-0.576	-0.575	-0.536	-0.461	-0.357
9121	91.20	-0.226	-0.074	0.089	0.245	0.378	0.476	0.533	0.545	0.512	0.436
9131	91.30	0.324	0.193	0.068	-0.014	-0.025	0.045	0.177	0.323	0.422	0.425
9141	91.40	0.312	0.114	-0.107	-0.271	-0.322	-0.244	-0.071	0.129	0.281	0.335
9151	91.50	0.281	0.142	-0.045	-0.247	-0.460	-0.692	-0.955	-1.236	-1.488	-1.638
9161	91.60	-1.618	-1.394	-0.996	-0.510	-0.053	0.271	0.409	0.377	0.245	0.104
9171	91.70	0.021	0.017	0.064	0.113	0.123	0.090	0.050	0.057	0.153	0.343
9181	91.80	0.585	0.816	0.975	1.037	1.019	0.969	0.935	0.937	0.961	0.962
9191	91.90	0.897	0.752	0.552	0.354	0.218	0.170	0.192	0.222	0.187	0.039
9201	92.00	-0.219	-0.526	-0.792	-0.934	-0.914	-0.754	-0.527	-0.323	-0.213	-0.222
9211	92.10	-0.321	-0.448	-0.530	-0.520	-0.410	-0.226	-0.019	0.158	0.268	0.295
9221	92.20	0.249	0.151	0.026	-0.103	-0.225	-0.337	-0.442	-0.546	-0.647	-0.736
9231	92.30	-0.790	-0.783	-0.692	-0.514	-0.268	-0.001	0.229	0.368	0.393	0.318
9241	92.40	0.189	0.071	0.015	0.042	0.134	0.245	0.326	0.347	0.312	0.252
9251	92.50	0.207	0.200	0.224	0.244	0.217	0.119	-0.037	-0.200	-0.303	-0.292
9261	92.60	-0.156	0.061	0.279	0.414	0.415	0.286	0.088	-0.093	-0.178	-0.136
9271	92.70	0.013	0.202	0.356	0.425	0.403	0.331	0.269	0.269	0.347	0.473
9281	92.80	0.592	0.642	0.590	0.441	0.234	0.025	-0.141	-0.245	-0.298	-0.326
9291	92.90	-0.359	-0.409	-0.468	-0.516	-0.534	-0.520	-0.484	-0.450	-0.437	-0.449
9301	93.00	-0.474	-0.490	-0.483	-0.452	-0.416	-0.405	-0.443	-0.530	-0.641	-0.730
9311	93.10	-0.751	-0.678	-0.516	-0.302	-0.088	0.077	0.174	0.209	0.218	0.239
9321	93.20	0.298	0.397	0.511	0.605	0.646	0.621	0.560	0.432	0.334	0.275
9331	93.30	0.269	0.308	0.368	0.419	0.430	0.384	0.277	0.125	-0.045	-0.200
9341	93.40	-0.310	-0.362	-0.356	-0.310	-0.248	-0.189	-0.138	-0.085	-0.011	0.098
9351	93.50	0.240	0.395	0.526	0.598	0.594	0.521	0.410	0.300	0.216	0.158
9361	93.60	0.102	0.011	-0.138	-0.340	-0.552	-0.714	-0.770	-0.697	-0.515	-0.282
9371	93.70	-0.064	0.091	0.174	0.217	0.269	0.371	0.529	0.711	0.860	0.923
9381	93.80	0.880	0.752	0.593	0.467	0.413	0.429	0.473	0.486	0.417	0.251
9391	93.90	0.018	-0.221	-0.397	-0.460	-0.393	-0.223	-0.000	0.217	0.381	0.468
9401	94.00	0.478	0.430	0.351	0.266	0.196	0.148	0.122	0.111	0.103	0.088
9411	94.10	0.058	0.013	-0.046	-0.115	-0.192	-0.276	-0.366	-0.453	-0.525	-0.563
9421	94.20	-0.546	-0.471	-0.351	-0.224	-0.140	-0.139	-0.235	-0.403	-0.582	-0.701
9431	94.30	-0.704	-0.583	-0.384	-0.192	-0.097	-0.155	-0.359	-0.643	-0.899	-1.030
9441	94.40	-0.982	-0.772	-0.474	-0.185	0.017	0.105	0.109	0.097	0.130	0.229
9451	94.50	0.361	0.453	0.424	0.235	-0.091	-0.470	-0.789	-0.955	-0.933	-0.761
9461	94.60	-0.535	-0.361	-0.314	-0.398	-0.556	-0.693	-0.725	-0.619	-0.404	-0.158
9471	94.70	0.034	0.116	0.092	0.018	-0.027	0.018	0.169	0.386	0.598	0.735
9481	94.80	0.764	0.703	0.608	0.542	0.543	0.602	0.669	0.673	0.563	0.328
9491	94.90	0.008	-0.325	-0.598	-0.761	-0.803	-0.748	-0.637	-0.504	-0.362	-0.209

Table 7-83-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	-0.030	0.180	0.409	0.627	0.797	0.891	0.896	0.821	0.690	0.533
9511	95.10	0.376	0.238	0.129	0.052	0.005	-0.014	-0.012	0.006	0.032	0.062
9521	95.20	0.097	0.136	0.179	0.219	0.246	0.248	0.224	0.184	0.151	0.153
9531	95.30	0.200	0.281	0.355	0.371	0.286	0.094	-0.166	-0.422	-0.589	-0.613
9541	95.40	-0.486	-0.259	-0.012	0.179	0.272	0.278	0.244	0.225	0.252	0.309
9551	95.50	0.351	0.323	0.202	0.012	-0.181	-0.304	-0.313	-0.220	-0.090	-0.011
9561	95.60	-0.049	-0.207	-0.424	-0.596	-0.631	-0.492	-0.219	0.087	0.314	0.389
9571	95.70	0.318	0.179	0.081	0.110	0.279	0.522	0.723	0.773	0.629	0.338
9581	95.80	0.026	-0.164	-0.132	0.126	0.515	0.875	1.054	0.968	0.639	0.182
9591	95.90	-0.244	-0.509	-0.554	-0.415	-0.194	-0.003	0.086	0.067	0.000	-0.031
9601	96.00	0.033	0.194	0.393	0.540	0.557	0.420	0.171	-0.102	-0.300	-0.364
9611	96.10	-0.300	-0.169	-0.059	-0.042	-0.137	-0.306	-0.473	-0.565	-0.544	-0.430
9621	96.20	-0.287	-0.187	-0.183	-0.276	-0.420	-0.546	-0.597	-0.554	-0.446	-0.331
9631	96.30	-0.264	-0.274	-0.344	-0.421	-0.443	-0.369	-0.198	0.029	0.248	0.398
9641	96.40	0.449	0.407	0.315	0.225	0.177	0.185	0.231	0.275	0.277	0.213
9651	96.50	0.083	-0.085	-0.251	-0.375	-0.434	-0.429	-0.383	-0.334	-0.319	-0.357
9661	96.60	-0.443	-0.544	-0.612	-0.599	-0.477	-0.254	0.028	0.301	0.550	0.580
9671	96.70	0.539	0.415	0.272	0.173	0.156	0.218	0.317	0.393	0.394	0.295
9681	96.80	0.114	-0.107	-0.312	-0.459	-0.534	-0.546	-0.521	-0.483	-0.439	-0.379
9691	96.90	-0.287	-0.156	0.004	0.159	0.268	0.297	0.236	0.109	-0.037	-0.153
9701	97.00	-0.204	-0.187	-0.132	-0.084	-0.081	-0.141	-0.246	-0.352	-0.406	-0.369
9711	97.10	-0.231	-0.015	0.233	0.460	0.624	0.709	0.723	0.692	0.646	0.608
9721	97.20	0.589	0.585	0.588	0.588	0.582	0.569	0.550	0.521	0.474	0.400
9731	97.30	0.290	0.144	-0.022	-0.186	-0.318	-0.396	-0.415	-0.387	-0.341	-0.311
9741	97.40	-0.321	-0.377	-0.462	-0.543	-0.585	-0.567	-0.490	-0.381	-0.280	-0.225
9751	97.50	-0.235	-0.300	-0.389	-0.461	-0.484	-0.448	-0.366	-0.269	-0.165	-0.127
9761	97.60	-0.086	-0.039	0.042	0.170	0.331	0.492	0.612	0.658	0.622	0.520
9771	97.70	0.387	0.258	0.152	0.071	-0.002	-0.087	-0.196	-0.325	-0.455	-0.566
9781	97.80	-0.641	-0.676	-0.676	-0.650	-0.600	-0.523	-0.410	-0.256	-0.071	0.120
9791	97.90	0.287	0.405	0.467	0.485	0.490	0.512	0.565	0.643	0.720	0.762
9801	98.00	0.745	0.668	0.549	0.420	0.309	0.232	0.188	0.164	0.146	0.129
9811	98.10	0.119	0.129	0.168	0.236	0.321	0.403	0.465	0.498	0.497	0.466
9821	98.20	0.403	0.304	0.166	-0.007	-0.198	-0.373	-0.493	-0.529	-0.474	-0.353
9831	98.30	-0.208	-0.090	-0.035	-0.047	-0.106	-0.175	-0.222	-0.233	-0.217	-0.195
9841	98.40	-0.186	-0.195	-0.207	-0.198	-0.155	-0.086	-0.022	-0.010	-0.084	-0.250
9851	98.50	-0.471	-0.684	-0.816	-0.816	-0.677	-0.436	-0.162	0.071	0.210	0.239
9861	98.60	0.176	0.066	-0.043	-0.114	-0.133	-0.104	-0.043	0.031	0.102	0.162
9871	98.70	0.207	0.237	0.257	0.269	0.281	0.298	0.326	0.364	0.410	0.455
9881	98.80	0.492	0.512	0.510	0.480	0.419	0.323	0.193	0.033	-0.141	-0.305
9891	98.90	-0.432	-0.498	-0.491	-0.414	-0.290	-0.148	-0.019	0.073	0.121	0.127
9901	99.00	0.100	0.053	-0.006	-0.068	-0.127	-0.174	-0.202	-0.205	-0.185	-0.149
9911	99.10	-0.114	-0.091	-0.086	-0.095	-0.103	-0.096	-0.062	-0.001	0.078	0.161
9921	99.20	0.239	0.309	0.378	0.450	0.522	0.581	0.601	0.560	0.447	0.273
9931	99.30	0.071	-0.118	-0.255	-0.323	-0.331	-0.310	-0.296	-0.320	-0.392	-0.500
9941	99.40	-0.617	-0.714	-0.769	-0.772	-0.725	-0.632	-0.504	-0.349	-0.183	-0.029
9951	99.50	0.085	0.129	0.086	-0.040	-0.217	-0.393	-0.512	-0.533	-0.446	-0.271
9961	99.60	-0.054	0.149	0.296	0.368	0.369	0.323	0.261	0.203	0.161	0.133
9971	99.70	0.111	0.088	0.080	0.026	-0.011	-0.049	-0.084	-0.114	-0.131	-0.129
9981	99.80	-0.101	-0.044	0.035	0.126	0.214	0.286	0.335	0.361	0.371	0.371
9991	99.90	0.364	0.354	0.340	0.324	0.310	0.300	0.291	0.270	0.223	0.135

Table 7-83-21

TABLE OF CORRECTED ACCELERATION RECORD NO.21

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10001	100.00	0.002	-0.152	-0.288	-0.360	-0.336	-0.212	-0.024	0.162	0.278	0.279
10011	100.10	0.169	0.000	-0.146	-0.198	-0.124	0.051	0.250	0.383	0.385	0.246
10021	100.20	0.017	-0.215	-0.363	-0.382	-0.287	-0.142	-0.023	0.016	-0.026	-0.103
10031	100.30	-0.141	-0.085	0.077	0.304	0.524	0.669	0.708	0.665	0.606	0.599
10041	100.40	0.685	0.847	1.019	1.114	1.062	0.844	0.497	0.097	-0.272	-0.550
10051	100.50	-0.722	-0.807	-0.842	-0.852	-0.842	-0.793	-0.685	-0.512	-0.298	-0.090
10061	100.60	0.061	0.121	0.091	0.003	-0.094	-0.156	-0.163	-0.125	-0.074	-0.046
10071	100.70	-0.063	-0.126	-0.215	-0.304	-0.372	-0.408	-0.419	-0.415	-0.403	-0.386
10081	100.80	-0.358	-0.315	-0.256	-0.189	-0.124	-0.074	-0.046	-0.036	-0.036	-0.038
10091	100.90	-0.034	-0.021	-0.001	0.025	0.053	0.078	0.094	0.092	0.061	-0.001
10101	101.00	-0.087	-0.179	-0.250	-0.281	-0.264	-0.213	-0.158	-0.135	-0.166	-0.249
10111	101.10	-0.355	-0.440	-0.466	-0.407	-0.282	-0.131	-0.002	0.069	0.077	0.045
10121	101.20	0.019	0.037	0.118	0.246	0.380	0.469	0.477	0.396	0.254	0.095
10131	101.30	-0.031	-0.091	-0.079	-0.011	0.082	0.174	0.249	0.310	0.367	0.433
10141	101.40	0.510	0.588	0.644	0.656	0.610	0.507	0.367	0.221	0.102	0.032
10151	101.50	0.013	0.028	0.045	0.032	-0.033	-0.148	-0.288	-0.412	-0.475	-0.448
10161	101.60	-0.326	-0.134	0.082	0.273	0.399	0.445	0.417	0.341	0.243	0.145
10171	101.70	0.057	-0.020	-0.085	-0.128	-0.136	-0.092	0.007	0.145	0.284	0.374
10181	101.80	0.372	0.260	0.055	-0.193	-0.419	-0.566	-0.606	-0.549	-0.435	-0.312
10191	101.90	-0.218	-0.165	-0.138	-0.109	-0.055	0.029	0.119	0.181	0.180	0.102
10201	102.00	-0.035	-0.192	-0.320	-0.386	-0.383	-0.332	-0.274	-0.248	-0.271	-0.332
10211	102.10	-0.398	-0.425	-0.382	-0.262	-0.087	0.105	0.271	0.384	0.438	0.449
10221	102.20	0.442	0.440	0.451	0.472	0.486	0.479	0.443	0.381	0.305	0.230
10231	102.30	0.163	0.106	0.053	0.002	-0.048	-0.089	-0.112	-0.111	-0.087	-0.056
10241	102.40	-0.036	-0.047	-0.092	-0.160	-0.227	-0.265	-0.256	-0.200	-0.114	-0.028
10251	102.50	0.031	0.052	0.041	0.023	0.023	0.057	0.123	0.199	0.255	0.267
10261	102.60	0.229	0.153	0.068	0.004	-0.022	-0.013	0.014	0.031	0.020	-0.023
10271	102.70	-0.084	-0.140	-0.166	-0.151	-0.096	-0.019	0.058	0.117	0.159	0.160
10281	102.80	0.154	0.144	0.131	0.114	0.084	0.030	-0.052	-0.160	-0.282	-0.399
10291	102.90	-0.488	-0.530	-0.513	-0.444	-0.341	-0.238	-0.167	-0.151	-0.191	-0.264
10301	103.00	-0.330	-0.348	-0.293	-0.172	-0.022	0.105	0.162	0.128	0.024	-0.102
10311	103.10	-0.188	-0.196	-0.122	-0.004	0.095	0.119	0.042	-0.115	-0.297	-0.436
10321	103.20	-0.486	-0.435	-0.314	-0.176	-0.068	-0.011	0.008	0.026	0.079	0.182
10331	103.30	0.315	0.438	0.507	0.499	0.426	0.332	0.273	0.290	0.393	0.553
10341	103.40	0.718	0.832	0.858	0.790	0.653	0.482	0.316	0.173	0.058	-0.039
10351	103.50	-0.125	-0.201	-0.257	-0.278	-0.250	-0.172	-0.056	0.074	0.191	0.274
10361	103.60	0.313	0.312	0.283	0.242	0.197	0.150	0.091	0.010	-0.106	-0.254
10371	103.70	-0.421	-0.582	-0.708	-0.777	-0.781	-0.730	-0.649	-0.563	-0.488	-0.426
10381	103.80	-0.359	-0.271	-0.153	-0.019	0.094	0.141	0.091	-0.057	-0.263	-0.458
10391	103.90	-0.571	-0.557	-0.422	-0.216	-0.019	0.099	0.106	0.022	-0.088	-0.152
10401	104.00	-0.119	0.010	0.189	0.348	0.432	0.424	0.360	0.303	0.315	0.416
10411	104.10	0.577	0.726	0.786	0.715	0.527	0.290	0.098	0.024	0.087	0.244
10421	104.20	0.407	0.489	0.443	0.283	0.078	-0.082	-0.132	-0.058	0.091	0.232
10431	104.30	0.285	0.213	0.037	-0.174	-0.334	-0.380	-0.297	-0.121	0.079	0.237
10441	104.40	0.318	0.326	0.297	0.276	0.289	0.330	0.367	0.357	0.272	0.115
10451	104.50	-0.081	-0.263	-0.385	-0.423	-0.387	-0.314	-0.248	-0.228	-0.265	-0.347
10461	104.60	-0.443	-0.518	-0.546	-0.523	-0.461	-0.388	-0.331	-0.307	-0.319	-0.356
10471	104.70	-0.398	-0.424	-0.421	-0.391	-0.350	-0.321	-0.329	-0.383	-0.477	-0.584
10481	104.80	-0.668	-0.694	-0.643	-0.520	-0.349	-0.167	-0.003	0.127	0.232	0.335
10491	104.90	0.461	0.621	0.805	0.982	1.112	1.166	1.135	1.035	0.900	0.762

Table 7-83-22

TABLE OF CORRECTED ACCELERATION RECORD NO.22

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10501	105.00	0.640	0.530	0.413	0.267	0.086	-0.116	-0.299	-0.419	-0.442	-0.364
10511	105.10	-0.211	-0.034	0.115	0.200	0.213	0.176	0.126	0.100	0.113	0.155
10521	105.20	0.202	0.221	0.194	0.125	0.033	-0.052	-0.109	-0.135	-0.144	-0.164
10531	105.30	-0.215	-0.301	-0.402	-0.485	-0.515	-0.472	-0.363	-0.220	-0.086	0.004
10541	105.40	0.037	0.026	0.004	0.006	0.046	0.116	0.178	0.193	0.129	-0.012
10551	105.50	-0.201	-0.385	-0.514	-0.560	-0.525	-0.440	-0.349	-0.284	-0.255	-0.250
10561	105.60	-0.241	-0.210	-0.156	-0.102	-0.078	-0.108	-0.190	-0.292	-0.364	-0.361
10571	105.70	-0.265	-0.097	0.089	0.227	0.267	0.200	0.059	-0.091	-0.182	-0.173
10581	105.80	-0.066	0.095	0.245	0.327	0.315	0.226	0.111	0.030	0.026	0.107
10591	105.90	0.244	0.383	0.472	0.483	0.422	0.321	0.226	0.169	0.158	0.170
10601	106.00	0.169	0.126	0.037	-0.067	-0.137	-0.123	-0.003	0.204	0.438	0.622
10611	106.10	0.693	0.627	0.453	0.242	0.073	0.004	0.043	0.153	0.264	0.312
10621	106.20	0.264	0.137	-0.019	-0.141	-0.188	-0.160	-0.097	-0.055	-0.079	-0.174
10631	106.30	-0.306	-0.410	-0.425	-0.325	-0.129	0.100	0.283	0.359	0.307	0.154
10641	106.40	-0.044	-0.222	-0.337	-0.381	-0.377	-0.365	-0.374	-0.413	-0.464	-0.494
10651	106.50	-0.471	-0.380	-0.231	-0.055	0.108	0.226	0.286	0.295	0.277	0.258
10661	106.60	0.260	0.290	0.336	0.378	0.394	0.370	0.307	0.219	0.131	0.067
10671	106.70	0.042	0.056	0.095	0.142	0.178	0.195	0.198	0.195	0.196	0.202
10681	106.80	0.204	0.187	0.142	0.072	-0.005	-0.061	-0.074	-0.039	0.028	0.086
10691	106.90	0.094	0.025	-0.120	-0.310	-0.493	-0.619	-0.659	-0.613	-0.507	-0.377
10701	107.00	-0.252	-0.143	-0.042	0.064	0.181	0.301	0.403	0.462	0.468	0.431
10711	107.10	0.376	0.335	0.322	0.327	0.320	0.263	0.135	-0.056	-0.271	-0.457
10721	107.20	-0.573	-0.608	-0.590	-0.571	-0.598	-0.693	-0.832	-0.958	-1.004	-0.931
10731	107.30	-0.742	-0.490	-0.250	-0.089	-0.030	-0.049	-0.079	-0.052	0.074	0.284
10741	107.40	0.516	0.684	0.716	0.587	0.329	0.017	-0.259	-0.434	-0.487	-0.444
10751	107.50	-0.360	-0.286	-0.251	-0.249	-0.250	-0.218	-0.137	-0.013	0.121	0.230
10761	107.60	0.288	0.292	0.259	0.219	0.196	0.200	0.223	0.249	0.267	0.271
10771	107.70	0.265	0.258	0.251	0.237	0.202	0.137	0.066	-0.054	-0.130	-0.154
10781	107.80	-0.111	-0.012	0.114	0.228	0.301	0.324	0.308	0.276	0.250	0.238
10791	107.90	0.233	0.217	0.177	0.115	0.047	-0.004	-0.020	-0.000	0.037	0.067
10801	108.00	0.071	0.049	0.021	0.022	0.076	0.188	0.329	0.452	0.507	0.463
10811	108.10	0.321	0.115	-0.104	-0.289	-0.411	-0.467	-0.473	-0.449	-0.407	-0.346
10821	108.20	-0.253	-0.122	0.044	0.222	0.378	0.475	0.491	0.423	0.291	0.131
10831	108.30	-0.019	-0.126	-0.171	-0.154	-0.087	0.003	0.086	0.134	0.130	0.076
10841	108.40	-0.011	-0.101	-0.162	-0.174	-0.135	-0.067	-0.002	0.034	0.029	-0.004
10851	108.50	-0.036	-0.040	-0.003	0.059	0.108	0.104	0.022	-0.128	-0.305	-0.452
10861	108.60	-0.522	-0.498	-0.398	-0.267	-0.152	-0.079	-0.044	-0.017	0.034	0.125
10871	108.70	0.242	0.347	0.398	0.373	0.284	0.170	0.083	0.053	0.076	0.111
10881	108.80	0.104	0.015	-0.158	-0.373	-0.561	-0.657	-0.633	-0.506	-0.333	-0.179
10891	108.90	-0.091	-0.070	-0.083	-0.078	-0.019	0.089	0.208	0.275	0.245	0.114
10901	109.00	-0.075	-0.244	-0.323	-0.274	-0.120	0.071	0.214	0.243	0.148	-0.027
10911	109.10	-0.206	-0.310	-0.302	-0.197	-0.053	0.059	0.091	0.040	-0.050	-0.116
10921	109.20	-0.108	-0.016	0.119	0.230	0.249	0.147	-0.052	-0.278	-0.444	-0.487
10931	109.30	-0.386	-0.179	0.064	0.268	0.387	0.420	0.401	0.381	0.394	0.447
10941	109.40	0.513	0.549	0.525	0.438	0.317	0.210	0.161	0.184	0.259	0.337
10951	109.50	0.361	0.293	0.132	-0.087	-0.303	-0.453	-0.497	-0.428	-0.273	-0.083
10961	109.60	0.087	0.196	0.224	0.177	0.082	-0.025	-0.109	-0.147	-0.128	-0.063
10971	109.70	0.024	0.101	0.138	0.116	0.032	-0.098	-0.246	-0.382	-0.481	-0.531
10981	109.80	-0.532	-0.494	-0.430	-0.354	-0.278	-0.215	-0.178	-0.183	-0.240	-0.348
10991	109.90	-0.490	-0.630	-0.731	-0.759	-0.702	-0.575	-0.411	-0.251	-0.122	-0.032

Table 7-83-23

TABLE OF CORRECTED ACCELERATION RECORD NO.23

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11001	110.00	0.035	0.106	0.199	0.313	0.421	0.488	0.485	0.406	0.279	0.154
11011	110.10	0.080	0.085	0.159	0.261	0.338	0.351	0.290	0.187	0.092	0.052
11021	110.20	0.087	0.181	0.290	0.368	0.387	0.355	0.305	0.281	0.307	0.378
11031	110.30	0.458	0.504	0.487	0.413	0.320	0.264	0.281	0.372	0.495	0.581
11041	110.40	0.570	0.440	0.223	-0.012	-0.184	-0.243	-0.191	-0.079	0.014	0.025
11051	110.50	-0.067	-0.228	-0.386	-0.470	-0.438	-0.301	-0.117	0.044	0.123	0.107
11061	110.60	0.022	-0.078	-0.144	-0.156	-0.128	-0.097	-0.100	-0.150	-0.229	-0.294
11071	110.70	-0.305	-0.239	-0.110	0.042	0.165	0.223	0.206	0.138	0.057	-0.002
11081	110.80	-0.019	-0.002	0.028	0.046	0.040	0.016	-0.007	-0.008	0.024	0.081
11091	110.90	0.140	0.175	0.163	0.102	0.007	-0.095	-0.170	-0.194	-0.160	-0.074
11101	111.00	0.039	0.150	0.232	0.268	0.256	0.211	0.155	0.113	0.097	0.106
11111	111.10	0.121	0.112	0.058	-0.049	-0.191	-0.330	-0.423	-0.437	-0.370	-0.249
11121	111.20	-0.123	-0.041	-0.035	-0.101	-0.204	-0.293	-0.322	-0.276	-0.169	-0.042
11131	111.30	0.062	0.115	0.118	0.101	0.101	0.144	0.228	0.321	0.372	0.339
11141	111.40	0.206	-0.005	-0.241	-0.436	-0.536	-0.520	-0.404	-0.237	-0.078	0.026
11151	111.50	0.048	-0.004	-0.103	-0.207	-0.284	-0.311	-0.284	-0.216	-0.126	-0.035
11161	111.60	0.040	0.088	0.102	0.082	0.033	-0.040	-0.128	-0.220	-0.303	-0.363
11171	111.70	-0.389	-0.376	-0.327	-0.257	-0.186	-0.137	-0.125	-0.152	-0.200	-0.242
11181	111.80	-0.245	-0.188	-0.074	0.072	0.208	0.291	0.299	0.239	0.146	0.071
11191	111.90	0.054	0.113	0.228	0.353	0.437	0.446	0.377	0.261	0.149	0.083
11201	112.00	0.083	0.134	0.201	0.245	0.248	0.216	0.181	0.176	0.220	0.301
11211	112.10	0.380	0.416	0.381	0.285	0.167	0.079	0.060	0.109	0.185	0.218
11221	112.20	0.146	-0.056	-0.358	-0.680	-0.927	-1.024	-0.947	-0.735	-0.469	-0.239
11231	112.30	-0.106	-0.084	-0.138	-0.209	-0.244	-0.221	-0.156	-0.086	-0.053	-0.073
11241	112.40	-0.133	-0.193	-0.215	-0.179	-0.097	-0.007	0.044	0.029	-0.049	-0.149
11251	112.50	-0.215	-0.199	-0.084	0.109	0.324	0.497	0.578	0.555	0.449	0.309
11261	112.60	0.188	0.121	0.114	0.147	0.188	0.208	0.192	0.149	0.101	0.071
11271	112.70	0.073	0.106	0.154	0.195	0.213	0.203	0.173	0.141	0.125	0.134
11281	112.80	0.167	0.210	0.243	0.249	0.220	0.160	0.084	0.011	-0.043	-0.070
11291	112.90	-0.076	-0.076	-0.086	-0.118	-0.169	-0.225	-0.265	-0.269	-0.229	-0.154
11301	113.00	-0.069	-0.002	0.022	0.000	-0.053	-0.105	-0.127	-0.098	-0.023	0.075
11311	113.10	0.161	0.208	0.208	0.178	0.153	0.168	0.238	0.354	0.479	0.563
11321	113.20	0.566	0.472	0.301	0.096	-0.090	-0.215	-0.263	-0.247	-0.198	-0.151
11331	113.30	-0.125	-0.115	-0.101	-0.054	0.045	0.189	0.350	0.482	0.538	0.491
11341	113.40	0.343	0.126	-0.106	-0.299	-0.412	-0.436	-0.389	-0.312	-0.246	-0.223
11351	113.50	-0.249	-0.304	-0.358	-0.379	-0.351	-0.280	-0.189	-0.106	-0.051	-0.027
11361	113.60	-0.021	-0.011	0.016	0.060	0.104	0.125	0.104	0.041	-0.041	-0.111
11371	113.70	-0.139	-0.114	-0.054	0.010	0.040	0.019	-0.046	-0.123	-0.171	-0.163
11381	113.80	-0.099	-0.007	0.067	0.083	0.026	-0.087	-0.217	-0.317	-0.360	-0.343
11391	113.90	-0.291	-0.239	-0.211	-0.213	-0.224	-0.215	-0.162	-0.059	0.073	0.200
11401	114.00	0.287	0.317	0.292	0.237	0.180	0.141	0.125	0.118	0.095	0.038
11411	114.10	-0.059	-0.185	-0.314	-0.413	-0.455	-0.426	-0.327	-0.174	0.003	0.174
11421	114.20	0.308	0.387	0.406	0.376	0.317	0.258	0.219	0.213	0.238	0.283
11431	114.30	0.335	0.378	0.406	0.414	0.399	0.356	0.279	0.168	0.032	-0.110
11441	114.40	-0.228	-0.298	-0.307	-0.265	-0.199	-0.145	-0.126	-0.149	-0.188	-0.209
11451	114.50	-0.185	-0.109	-0.005	0.084	0.117	0.081	-0.003	-0.088	-0.118	-0.064
11461	114.60	0.065	0.219	0.329	0.342	0.242	0.066	-0.120	-0.247	-0.275	-0.211
11471	114.70	-0.103	-0.011	0.021	-0.013	-0.079	-0.123	-0.101	-0.004	0.143	0.287
11481	114.80	0.381	0.404	0.371	0.325	0.308	0.340	0.406	0.460	0.450	0.343
11491	114.90	0.146	-0.097	-0.321	-0.467	-0.506	-0.449	-0.333	-0.208	-0.110	-0.048

Table 7-83-24

TABLE OF CORRECTED ACCELERATION RECORD NO.24

INDEX NO. 1275 S104-GR-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -39.162 (GAL) T= 19.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11501	115.00	-0.008	0.034	0.099	0.190	0.287	0.365	0.397	0.376	0.313	0.234
11511	115.10	0.165	0.125	0.111	0.107	0.087	0.029	-0.074	-0.210	-0.351	-0.464
11521	115.20	-0.517	-0.497	-0.409	-0.275	-0.130	-0.008	0.066	0.084	0.055	0.003
11531	115.30	-0.047	-0.077	-0.081	-0.071	-0.069	-0.098	-0.169	-0.279	-0.406	-0.518
11541	115.40	-0.588	-0.599	-0.555	-0.479	-0.400	-0.343	-0.316	-0.311	-0.303	-0.269
11551	115.50	-0.198	-0.097	0.010	0.088	0.115	0.084	0.016	-0.055	-0.091	-0.070
11561	115.60	0.005	0.109	0.206	0.263	0.270	0.235	0.184	0.144	0.125	0.118
11571	115.70	0.096	0.036	-0.072	-0.211	-0.341	-0.418	-0.410	-0.318	-0.176	-0.038
11581	115.80	0.041	0.032	-0.059	-0.194	-0.319	-0.389	-0.382	-0.308	-0.198	-0.087
11591	115.90	-0.001	0.055	0.091	0.123	0.162	0.207	0.245	0.262	0.248	0.207
11601	116.00	0.152	0.096	0.052	0.022	-0.001	-0.023	-0.046	-0.065	-0.071	-0.054
11611	116.10	-0.011	0.054	0.135	0.221	0.307	0.389	0.463	0.519	0.545	0.526
11621	116.20	0.454	0.337	0.196	0.064	-0.030	-0.069	-0.061	-0.030	-0.005	-0.009
11631	116.30	-0.044	-0.095	-0.136	-0.147	-0.125	-0.085	-0.054	-0.052	-0.085	-0.134
11641	116.40	-0.172	-0.168	-0.110	-0.007	0.111	0.214	0.277	0.298	0.287	0.267
11651	116.50	0.253	0.247	0.240	0.219	0.178	0.123	0.070	0.038	0.036	0.061
11661	116.60	0.097	0.126	0.140	0.141	0.142	0.155	0.181	0.205	0.202	0.151
11671	116.70	0.052	-0.076	-0.189	-0.247	-0.226	-0.133	-0.008	0.097	0.138	0.100
11681	116.80	0.001	-0.113	-0.192	-0.205	-0.149	-0.050	0.049	0.117	0.138	0.123
11691	116.90	0.098	0.085	0.093	0.113	0.126	0.113	0.068	0.006	-0.050	-0.072
11701	117.00	-0.049	0.013	0.091	0.153	0.174	0.144	0.071	-0.023	-0.109	-0.163
11711	117.10	-0.166	-0.116	-0.022	0.097	0.212	0.293	0.315	0.265	0.150	-0.005
11721	117.20	-0.159	-0.274	-0.323	-0.300	-0.224	-0.127	-0.039	0.023	0.062	0.097
11731	117.30	0.147	0.219	0.302	0.367	0.384	0.336	0.230	0.097	-0.022	-0.095
11741	117.40	-0.110	-0.086	-0.057	-0.056	-0.101	-0.185	-0.281	-0.356	-0.388	-0.372
11751	117.50	-0.325	-0.269	-0.221	-0.183	-0.140	-0.079	0.008	0.111	0.204	0.256
11761	117.60	0.245	0.173	0.060	-0.058	-0.149	-0.196	-0.199	-0.175	-0.147	-0.128
11771	117.70	-0.123	-0.125	-0.128	-0.126	-0.123	-0.125	-0.136	-0.150	-0.153	-0.130
11781	117.80	-0.073	0.013	0.105	0.174	0.197	0.163	0.082	-0.018	-0.106	-0.160
11791	117.90	-0.169	-0.143	-0.102	-0.067	-0.052	-0.060	-0.085	-0.115	-0.138	-0.145
11801	118.00	-0.133	-0.104	-0.063	-0.015	0.034	0.080	0.127	0.181	0.250	0.342
11811	118.10	0.455	0.574	0.671	0.714	0.679	0.563	0.388	0.195	0.034	-0.061
11821	118.20	-0.083	-0.057	-0.026	-0.028	-0.082	-0.173	-0.261	-0.299	-0.258	-0.146
11831	118.30	-0.004	0.109	0.141	0.074	-0.070	-0.238	-0.371	-0.427	-0.401	-0.325
11841	118.40	-0.244	-0.201	-0.211	-0.260	-0.314	-0.339	-0.321	-0.272	-0.223	-0.204
11851	118.50	-0.227	-0.281	-0.333	-0.350	-0.315	-0.238	-0.155	-0.106	-0.117	-0.184
11861	118.60	-0.274	-0.340	-0.345	-0.280	-0.173	-0.073	-0.029	-0.066	-0.173	-0.305
11871	118.70	-0.405	-0.432	-0.374	-0.256	-0.126	-0.029	0.010	0.000	-0.024	-0.025
11881	118.80	0.022	0.110	0.204	0.261	0.247	0.157	0.017	-0.121	-0.210	-0.220
11891	118.90	-0.153	-0.040	0.075	0.155	0.185	0.173	0.145	0.127	0.136	0.168

Table 7-84-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.991	-0.485	-1.850	-2.579	-2.332	-1.105	0.731	2.529	3.568	3.316
11	0.10	1.647	-1.063	-4.019	-6.254	-6.969	-5.842	-3.182	0.158	3.087	4.690
21	0.20	4.586	3.062	0.925	-0.879	-1.706	-1.504	-0.811	-0.444	-1.043	-2.680
31	0.30	-4.757	-6.240	-6.159	-4.106	-0.491	3.583	6.778	8.106	7.345	5.094
41	0.40	2.441	0.425	-0.446	-0.358	0.011	-0.046	-0.818	-1.979	-2.772	-2.451
51	0.50	-0.764	1.811	4.217	5.298	4.372	1.607	-1.988	-4.988	-6.159	-4.998
61	0.60	-1.927	1.922	5.211	6.956	6.877	5.399	3.357	1.551	0.398	-0.186
71	0.70	-0.642	-1.455	-2.850	-4.637	-6.260	-7.031	-6.430	-4.352	-1.207	2.169
81	0.80	4.756	5.685	4.550	1.601	-2.276	-5.812	-7.775	-7.442	-4.911	-1.122
91	0.90	2.479	4.522	4.315	2.179	-0.654	-2.584	-2.411	0.038	3.743	6.891
101	1.00	7.712	5.367	0.435	-5.238	-9.323	-10.062	-7.099	-1.675	3.928	7.441
111	1.10	7.662	4.988	1.169	-1.609	-1.849	0.483	3.926	6.264	5.675	1.708
121	1.20	-4.391	-10.202	-13.237	-12.110	-7.197	-0.468	5.428	8.371	7.696	4.392
131	1.30	0.519	-1.874	-1.757	0.416	3.013	4.118	2.556	-1.468	-6.426	-10.182
141	1.40	-11.012	-8.418	-3.350	2.253	6.375	7.823	6.701	4.234	2.085	1.487
151	1.50	2.662	4.763	6.374	6.284	4.138	0.649	-2.730	-4.505	-3.866	-1.085
161	1.60	2.591	5.504	6.311	4.558	0.847	-3.455	-6.804	-8.084	-6.976	-3.975
171	1.70	-0.094	3.565	6.169	7.329	7.061	5.634	3.407	0.745	-1.996	-4.452
181	1.80	-6.273	-7.197	-7.134	-6.211	-4.726	-3.022	-1.352	0.180	1.563	2.744
191	1.90	3.502	3.455	2.230	-0.260	-3.581	-6.760	-8.550	-7.924	-4.584	0.754
201	2.00	6.504	10.746	11.982	9.767	4.927	-0.753	-5.252	-7.144	-6.151	-3.188
211	2.10	0.122	2.222	2.323	0.721	-1.424	-2.697	-2.147	0.247	3.557	6.351
221	2.20	7.354	6.036	2.836	-1.038	-4.142	-5.396	-4.482	-1.893	1.354	4.178
231	2.30	5.852	6.194	5.492	4.241	2.846	1.450	-0.048	-1.815	-3.859	-5.892
241	2.40	-7.354	-7.621	-6.289	-3.425	0.349	3.976	6.291	6.424	4.151	0.043
251	2.50	-4.657	-8.410	-9.909	-8.565	-4.769	0.184	4.523	6.635	5.689	1.994
261	2.60	-3.065	-7.514	-9.524	-8.118	-3.558	2.744	8.763	12.625	13.272	10.776
271	2.70	6.179	0.963	-3.583	-6.806	-8.750	-9.857	-10.484	-10.544	-9.467	-6.545
281	2.80	-1.465	5.235	12.093	17.119	18.540	15.569	8.842	0.289	-7.540	-12.421
291	2.90	-13.281	-10.530	-5.783	-1.105	1.880	2.601	1.638	0.282	-0.199	0.789
301	3.00	2.887	5.004	5.902	4.846	2.000	-1.617	-4.578	-5.689	-4.507	-1.508
311	3.10	2.148	5.133	6.499	6.012	4.147	1.790	-0.197	-1.321	-1.583	-1.355
321	3.20	-1.099	-1.099	-1.331	-1.523	-1.352	-0.663	0.407	1.460	2.007	1.674
331	3.30	0.364	-1.708	-4.110	-6.356	-8.062	-9.028	-9.225	-8.721	-7.594	-5.896
341	3.40	-3.684	-1.084	1.656	4.172	6.065	7.038	7.008	6.147	4.824	3.445
351	3.50	2.298	1.452	0.779	0.689	-0.696	-1.418	-1.707	-1.137	0.525	3.121
361	3.60	6.060	8.487	9.616	9.065	7.056	4.353	1.961	0.701	0.863	2.106
371	3.70	3.637	4.597	4.467	3.274	1.525	-0.103	-1.154	-1.632	-1.978	-2.790
381	3.80	-4.423	-6.718	-8.996	-10.345	-10.071	-8.065	-4.905	-1.614	0.796	1.777
391	3.90	1.462	0.524	-0.214	-0.243	0.364	1.014	0.948	-0.302	-2.605	-5.238
401	4.00	-7.212	-7.745	-6.634	-4.336	-1.728	0.339	1.429	1.677	1.617	1.828
411	4.10	2.571	3.652	4.557	4.792	4.208	3.117	2.129	1.785	2.198	2.933
421	4.20	3.189	2.230	-0.171	-3.523	-6.771	-8.749	-8.733	-6.794	-3.781	-0.922
431	4.30	0.750	0.878	-0.081	-1.110	-1.152	0.362	3.241	6.628	9.394	10.637
441	4.40	10.029	7.883	4.930	1.969	-0.432	-2.047	-2.906	-3.104	-2.669	-1.558
451	4.50	0.216	2.421	4.554	5.960	6.085	4.748	2.276	-0.589	-2.970	-4.213
461	4.60	-4.137	-3.076	-1.690	-0.666	-0.444	-1.099	-2.396	-3.968	-5.473	-6.674
471	4.70	-7.401	-7.490	-6.754	-5.075	-2.557	0.357	2.904	4.232	3.744	1.420
481	4.80	-2.071	-5.562	-7.832	-8.109	-6.409	-3.533	-0.709	0.968	1.022	-0.196
491	4.90	-1.692	-2.310	-1.266	1.487	5.254	8.910	11.377	12.039	10.922	8.577

Table 7-84-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	5.791	3.251	1.353	0.183	-0.361	-0.417	-0.088	0.538	1.300	1.923
511	5.10	2.061	1.453	0.081	-1.736	-3.415	-4.317	-4.013	-2.478	-0.134	2.300
521	5.20	4.064	4.615	3.790	1.819	-0.789	-3.412	-5.481	-6.589	-6.563	-5.491
531	5.30	-3.719	-1.806	-0.390	-0.002	-0.846	-2.657	-4.724	-6.106	-6.001	-4.106
541	5.40	-0.805	2.929	5.901	7.196	6.580	4.613	2.402	1.108	1.412	3.210
551	5.50	5.667	7.610	8.079	6.766	4.141	1.220	-0.919	-1.630	-0.979	0.310
561	5.60	1.215	0.894	-0.938	-3.881	-7.026	-9.335	-10.049	-8.957	-6.442	-3.299
571	5.70	-0.431	1.459	2.063	1.506	0.239	-1.158	-2.190	-2.594	-2.395	-1.852
581	5.80	-1.326	-1.110	-1.323	-1.837	-2.349	-2.507	-2.058	-0.959	0.618	2.368
591	5.90	3.976	5.235	6.071	6.506	6.564	6.220	5.420	4.177	2.683	1.347
601	6.00	0.697	1.160	2.819	5.263	7.655	9.006	8.570	6.176	2.346	-1.881
611	6.10	-5.348	-7.222	-7.282	-5.936	-3.966	-2.154	-0.972	-0.472	-0.425	-0.576
621	6.20	-0.867	-1.687	-2.713	-4.653	-7.044	-9.244	-10.456	-10.073	-7.985	-4.669
631	6.30	-1.018	2.020	3.820	4.293	3.846	3.126	2.697	2.803	3.337	3.980
641	6.40	4.433	4.574	4.478	4.293	4.088	3.774	3.164	2.147	0.851	-0.310
651	6.50	-0.785	-0.159	1.577	3.910	5.951	6.782	5.866	3.311	-0.135	-3.395
661	6.60	-5.514	-6.069	-5.330	-4.102	-3.326	-3.623	-5.007	-6.880	-8.321	-8.518
671	6.70	-7.141	-4.496	-1.386	1.230	2.627	2.575	1.371	-0.360	-1.959	-3.000
681	6.80	-3.395	-3.318	-3.012	-2.604	-2.026	-1.092	0.321	2.097	3.835	4.963
691	6.90	5.000	3.826	1.825	-0.188	-1.263	-0.718	1.543	4.928	8.352	10.646
701	7.00	11.028	9.400	6.371	2.974	0.213	-1.346	-1.767	-1.628	-1.678	-2.428
711	7.10	-3.895	-5.604	-6.853	-7.091	-6.216	-4.643	-3.105	-2.296	-2.525	-3.572
721	7.20	-4.800	-5.472	-5.114	-3.730	-1.788	0.029	1.155	1.412	1.077	0.717
731	7.30	0.906	1.938	3.686	5.657	7.202	7.774	7.121	5.356	2.889	0.293
741	7.40	-1.851	-3.067	-3.064	-1.791	0.521	3.358	5.981	7.583	7.531	5.614
751	7.50	2.191	-1.849	-5.343	-7.253	-7.060	-4.982	-1.909	0.938	2.488	2.251
761	7.60	0.508	-1.825	-3.589	-3.872	-2.389	0.415	3.562	5.951	6.784	5.841
771	7.70	3.502	0.519	-2.321	-4.493	-5.862	-6.598	-6.964	-7.088	-6.862	-6.009
781	7.80	-4.292	-1.736	1.255	3.979	5.693	5.947	4.816	2.925	1.208	0.511
791	7.90	1.193	2.922	4.780	5.638	4.667	1.744	-2.436	-6.587	-9.343	-9.803
801	8.00	-7.887	-4.348	-0.426	2.676	4.268	4.373	3.583	2.661	2.100	1.870
811	8.10	1.481	0.323	-1.895	-4.859	-7.678	-9.238	-8.725	-6.051	-1.975	2.173
821	8.20	5.044	5.849	4.683	2.453	0.425	-0.383	0.518	1.981	3.512	3.845
831	8.30	2.493	-0.174	-3.071	-4.896	-4.747	-2.557	0.847	4.101	5.909	5.610
841	8.40	3.448	0.441	-2.100	-3.147	-2.379	-0.256	2.255	4.163	4.894	4.497
851	8.50	3.524	2.685	2.462	2.883	3.564	3.965	3.719	2.840	1.694	0.762
861	8.60	0.330	0.295	0.204	-0.469	-1.969	-4.013	-5.827	-6.475	-5.340	-2.525
871	8.70	1.060	3.993	4.925	3.200	-0.799	-5.727	-9.790	-11.471	-10.146	-6.332
881	8.80	-1.448	2.782	5.032	4.860	2.791	-0.010	-2.302	-3.290	-2.897	-1.676
891	8.90	-0.460	0.067	-0.329	-1.381	-2.503	-3.090	-2.771	-1.522	0.398	2.604
901	9.00	4.734	6.522	7.780	8.336	8.013	6.675	4.342	1.290	-1.934	-4.633
911	9.10	-6.173	-6.216	-4.861	-2.614	-0.198	1.711	2.730	2.870	2.454	1.920
921	9.20	1.572	1.425	1.204	0.495	-1.012	-3.315	-6.011	-8.386	-9.655	-9.260
931	9.30	-7.105	-3.639	0.261	3.571	5.459	5.572	4.146	1.918	-0.152	-1.226
941	9.40	-0.887	0.724	2.987	5.053	6.174	5.985	4.628	2.683	0.930	0.052
951	9.50	0.392	1.860	3.898	5.871	7.113	7.219	6.125	4.083	1.539	-1.005
961	9.60	-3.124	-4.532	-5.103	-4.845	-3.880	-2.422	-0.771	0.707	1.632	1.689
971	9.70	0.732	-1.137	-3.543	-5.916	-7.636	-8.230	-7.535	-5.768	-3.465	-1.295
981	9.80	0.167	0.635	0.182	-0.840	-1.988	-2.927	-3.559	-3.993	-4.395	-4.791
991	9.90	-4.954	-4.447	-2.839	0.009	3.738	7.492	10.175	10.871	9.264	5.837

Table 7-84-3

TABLE OF CORRECTED ACCELERATION RECORD — NO. 3

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.761	-1.528	-2.879	-1.872	1.022	4.657	7.679	9.046	8.384	6.027
1011	10.10	2.780	-0.463	-3.052	-4.719	-5.501	-5.553	-4.979	-3.761	-1.552	0.252
1021	10.20	2.386	3.823	4.020	2.813	0.579	-1.835	-3.429	-3.476	-1.859	0.836
1031	10.30	3.539	5.136	4.913	2.841	-0.445	-3.933	-6.639	-7.963	-7.830	-6.601
1041	10.40	-4.828	-2.987	-1.316	0.182	1.612	3.032	4.345	5.311	5.645	5.153
1051	10.50	3.840	1.930	-0.177	-2.013	-3.156	-3.331	-2.479	-0.781	1.363	3.410
1061	10.60	4.811	5.167	4.367	2.651	0.542	-1.326	-2.449	-2.638	-2.095	-1.312
1071	10.70	-0.860	-1.132	-2.186	-3.732	-5.277	-6.342	-6.656	-6.218	-5.236	-3.969
1081	10.80	-2.595	-1.153	0.379	1.962	3.397	4.334	4.421	3.520	1.869	0.098
1091	10.90	-0.968	-0.648	1.262	4.306	7.458	9.482	9.415	6.992	2.817	-1.825
1101	11.00	-5.432	-6.881	-5.877	-3.087	0.134	2.299	2.419	0.432	-2.765	-5.690
1111	11.10	-6.919	-5.713	-2.355	1.958	5.624	7.351	6.615	4.035	0.883	-1.452
1121	11.20	-2.139	-1.293	0.119	0.789	-0.235	-3.019	-6.653	-9.658	-10.697	-9.241
1131	11.30	-5.850	-1.929	0.952	1.823	0.782	-1.069	-2.207	-1.500	1.176	4.226
1141	11.40	7.810	8.680	6.949	3.409	-0.195	-1.984	-0.855	2.947	7.907	11.928
1151	11.50	13.290	11.437	7.192	2.325	-1.313	-2.667	-1.815	0.015	1.325	1.069
1161	11.60	-0.809	-3.387	-5.310	-5.556	-4.013	-1.566	0.359	0.553	-1.308	-4.434
1171	11.70	-7.263	-8.207	-6.449	-2.375	2.557	6.471	7.920	6.536	3.172	-0.523
1181	11.80	-2.884	-2.992	-1.061	1.717	3.770	3.895	1.808	-1.766	-5.456	-7.888
1191	11.90	-8.289	-6.770	-4.199	-1.750	-0.366	-0.395	-1.549	-3.152	-4.538	-5.347
1201	12.00	-5.611	-5.595	-5.525	-5.375	-4.862	-3.630	-1.541	1.136	3.749	5.531
1211	12.10	5.973	5.121	3.597	2.330	2.095	3.103	4.849	6.329	6.531	4.962
1221	12.20	1.947	-1.474	-4.012	-4.746	-3.580	-1.297	0.823	1.649	0.785	-1.199
1231	12.30	-3.024	-3.323	-1.325	2.737	7.698	11.992	14.365	14.419	12.732	10.481
1241	12.40	8.797	8.166	8.192	7.848	6.059	2.326	-2.944	-8.558	-13.069	-15.413
1251	12.50	-15.363	-13.561	-11.144	-9.174	-8.168	-7.966	-7.958	-7.531	-6.460	-5.019
1261	12.60	-3.778	-3.204	-3.315	-3.606	-3.300	-1.791	0.960	4.310	7.181	8.554
1271	12.70	7.955	5.701	2.758	0.305	-0.792	-0.318	1.280	3.191	4.685	5.453
1281	12.80	5.683	5.862	6.441	7.549	8.902	9.948	10.131	9.118	6.885	3.646
1291	12.90	-0.296	-4.640	-9.058	-13.091	-16.065	-17.168	-15.724	-11.557	-5.272	1.754
1301	13.00	7.721	11.012	10.795	7.350	1.951	-3.652	-7.938	-10.165	-10.539	-9.936
1311	13.10	-9.345	-9.314	-9.694	-9.780	-8.764	-6.247	-2.529	1.473	4.629	6.126
1321	13.20	5.842	4.390	2.821	2.139	2.875	4.912	7.609	10.143	11.862	12.491
1331	13.30	12.119	11.029	9.498	7.702	5.756	3.844	2.300	1.563	1.971	3.518
1341	13.40	5.697	7.568	8.063	6.430	2.618	-2.580	-7.719	-11.174	-11.724	-9.017
1351	13.50	-3.732	2.618	8.180	11.357	11.311	8.197	3.069	-2.487	-6.869	-8.951
1361	13.60	-8.398	-5.713	-2.028	1.304	3.168	3.043	1.142	-1.715	-4.447	-6.136
1371	13.70	-6.382	-5.421	-3.978	-2.913	-2.801	-3.646	-4.863	-5.537	-4.870	-2.604
1381	13.80	0.758	4.069	5.947	5.347	2.040	-3.184	-8.706	-12.598	-13.298	-10.185
1391	13.90	-3.847	4.063	11.348	15.965	16.679	13.428	7.502	0.139	-6.116	-10.038
1401	14.00	-11.151	-9.983	-7.787	-6.012	-5.751	-7.361	-10.376	-13.733	-16.182	-16.724
1411	14.10	-14.905	-10.886	-5.292	1.036	7.295	12.844	17.214	20.035	20.973	19.742
1421	14.20	16.209	10.518	3.187	-4.916	-12.725	-19.188	-23.479	-25.136	-24.082	-20.573
1431	14.30	-15.113	-8.387	-1.210	5.542	11.053	14.756	16.530	16.806	16.496	16.686
1441	14.40	18.197	21.156	24.789	27.577	27.771	24.104	16.419	5.945	-4.946	-13.459
1451	14.50	-17.327	-15.647	-9.265	-0.549	7.387	11.746	11.004	5.415	-3.112	-11.701
1461	14.60	-17.526	-18.772	-15.211	-8.219	-0.254	5.998	8.479	6.353	0.140	-8.580
1471	14.70	-17.746	-25.449	-30.390	-32.054	-30.606	-26.626	-20.827	-13.865	-6.293	1.395
1481	14.80	8.702	15.118	20.171	23.513	24.974	24.551	22.349	18.510	13.207	6.719
1491	14.90	-0.464	-7.569	-13.608	-17.587	-18.814	-17.164	-13.172	-7.885	-2.514	1.965

Table 7-84-4

TABLE OF CORRECTED ACCELERATION RECORD — NO. 4

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	5.093	6.979	8.100	8.994	9.991	11.127	12.254	13.245	14.151	15.173
1511	15.10	16.470	17.906	18.924	18.673	16.362	11.703	5.188	-1.950	-8.129	-11.986
1521	15.20	-12.850	-10.907	-6.974	-2.047	3.130	8.214	13.073	17.399	20.410	20.918
1531	15.30	17.800	10.701	0.557	-10.401	-19.297	-23.698	-22.652	-17.162	-9.800	-3.582
1541	15.40	-0.617	-1.154	-3.543	-5.133	-3.702	1.284	8.223	14.013	15.471	10.883
1551	15.50	0.912	-11.588	-22.784	-29.532	-30.695	-27.694	-22.734	-19.303	-18.698	-20.306
1561	15.60	-21.773	-20.293	-14.133	-3.671	8.598	19.082	24.646	23.972	18.087	9.826
1571	15.70	2.522	-1.441	-1.553	0.834	3.373	3.982	1.863	-2.190	-6.310	-8.590
1581	15.80	-8.088	-5.289	-1.806	0.519	0.640	-1.073	-2.938	-2.779	0.936	8.190
1591	15.90	17.180	24.920	28.423	25.968	17.897	6.577	-4.447	-11.759	-13.303	-9.050
1601	16.00	-0.876	8.237	15.317	18.365	16.843	11.590	4.301	-3.126	-9.126	-12.739
1611	16.10	-13.637	-12.034	-8.568	-4.219	-0.178	2.390	2.698	0.691	-2.784	-6.166
1621	16.20	-7.753	-6.468	-2.487	2.605	6.311	6.222	1.131	-8.253	-19.354	-28.594
1631	16.30	-32.733	-30.135	-21.403	-9.114	3.216	12.459	16.928	16.732	13.375	8.875
1641	16.40	4.894	2.262	1.045	0.983	1.934	4.030	7.450	12.002	16.842	20.604
1651	16.50	21.944	20.229	15.962	10.630	5.956	2.932	1.130	-1.228	-6.391	-15.751
1661	16.60	-28.748	-42.639	-53.386	-57.340	-52.977	-41.803	-27.903	-16.240	-10.429	-11.007
1671	16.70	-15.074	-17.531	-13.424	-0.334	20.266	43.369	62.355	71.664	69.024	56.291
1681	16.80	38.550	21.934	11.133	7.695	9.768	13.297	14.045	9.500	-0.124	-12.138
1691	16.90	-22.627	-28.062	-26.577	-18.437	-5.659	8.906	22.546	33.345	40.361	43.428
1701	17.00	42.827	39.014	32.518	23.925	13.864	2.923	-8.463	-20.057	-31.704	-43.067
1711	17.10	-53.363	-61.280	-65.213	-63.807	-56.582	-44.368	-29.277	-14.172	-1.805	6.039
1721	17.20	9.016	8.144	5.214	1.986	-0.479	-2.068	-3.399	-5.312	-8.352	-12.499
1731	17.30	-17.223	-21.767	-25.625	-27.639	-27.874	-25.408	-19.251	-8.374	7.766	28.630
1741	17.40	52.238	75.352	94.221	105.695	108.251	102.500	90.899	76.750	62.876	50.513
1751	17.50	38.906	25.783	8.546	-14.309	-42.112	-71.723	-98.180	-116.004	-120.834	-110.724
1761	17.60	-86.762	-52.838	-14.679	21.523	50.464	68.733	75.230	71.012	58.670	41.503
1771	17.70	22.715	4.853	-10.445	-22.389	-30.805	-35.845	-37.798	-37.026	-34.001	-29.351
1781	17.80	-23.806	-18.043	-12.455	-6.989	-1.184	5.564	13.555	22.378	30.751	36.762
1791	17.90	38.490	34.786	25.883	13.534	0.536	-10.232	-16.894	-19.346	-19.342	-19.819
1801	18.00	-23.678	-32.495	-45.684	-60.470	-72.732	-78.411	-74.959	-62.305	-42.953	-21.209
1811	18.10	-1.818	11.485	16.996	15.319	8.853	0.760	-6.186	-10.417	-11.808	-11.302
1821	18.20	-10.143	-9.084	-7.917	-5.525	-0.421	8.446	20.991	35.713	49.992	60.880
1831	18.30	66.108	64.896	58.266	48.699	39.268	32.579	29.921	30.953	34.024	36.979
1841	18.40	38.083	36.704	33.460	29.802	27.237	26.530	27.239	27.779	26.001	20.039
1851	18.50	9.119	-6.023	-23.236	-39.557	-52.093	-58.881	-59.443	-54.865	-47.387	-39.662
1861	18.60	-33.924	-31.338	-31.710	-33.665	-35.179	-34.313	-29.880	-21.842	-11.316	-0.208
1871	18.70	9.368	15.698	17.877	15.945	10.726	3.519	-4.252	-11.276	-16.479	-19.042
1881	18.80	-18.417	-14.384	-7.148	2.578	13.592	24.367	33.337	39.217	41.246	39.268
1891	18.90	33.663	25.171	14.722	3.327	-7.975	-18.155	-26.286	-31.708	-34.193	-34.026
1901	19.00	-31.898	-28.623	-24.791	-20.526	-15.517	-9.330	-1.882	6.180	13.443	18.126
1911	19.10	18.789	15.025	7.807	-0.766	-8.239	-12.800	-14.022	-12.997	-11.753	-12.187
1921	19.20	-15.000	-19.150	-22.089	-20.745	-12.828	2.090	22.185	43.861	62.882	75.734
1931	19.30	80.672	78.114	70.281	60.299	51.122	44.637	41.217	39.770	38.212	34.192
1941	19.40	25.862	12.520	-5.041	-24.567	-42.808	-56.333	-62.493	-60.247	-50.547	-36.116
1951	19.50	-20.637	-7.633	0.572	3.432	2.075	-1.388	-4.847	-7.049	-7.991	-8.736
1961	19.60	-10.797	-15.391	-22.891	-32.685	-43.292	-53.003	-60.121	-63.361	-61.965	-55.738
1971	19.70	-45.072	-30.989	-15.150	0.300	13.091	21.366	24.214	21.997	16.276	9.358
1981	19.80	3.580	0.628	1.132	4.662	10.086	16.081	21.591	26.038	29.292	31.475
1991	19.90	32.757	33.237	32.956	31.951	30.296	28.084	25.378	22.195	18.573	14.706

Table 7-84-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	11.036	8.219	6.897	7.359	9.247	11.496	12.626	11.291	6.890	-0.059
2011	20.10	-7.987	-14.792	-18.695	-18.480	-14.701	-8.596	-1.952	3.664	7.270	8.726
2021	20.20	8.255	6.141	2.457	-2.877	-9.780	-17.663	-25.324	-31.233	-34.120	-33.589
2031	20.30	-30.409	-26.268	-23.051	-21.934	-22.762	-24.013	-23.430	-19.059	-10.204	2.131
2041	20.40	15.538	27.109	34.532	36.907	34.934	30.439	25.520	21.725	19.610	18.829
2051	20.50	18.589	18.193	17.356	16.173	14.831	13.294	11.188	7.986	3.360	-2.497
2061	20.60	-8.819	-14.532	-18.731	-21.104	-22.064	-22.514	-23.336	-24.902	-26.845	-28.244
2071	20.70	-28.121	-26.013	-22.302	-18.139	-14.989	-14.005	-15.548	-19.051	-23.279	-26.836
2081	20.80	-28.663	-28.310	-25.913	-21.949	-16.941	-11.288	-5.257	0.911	6.911	12.415
2091	20.90	17.211	21.380	25.335	29.668	34.837	40.848	47.115	52.620	56.303	57.526
2101	21.00	56.353	53.488	49.900	46.302	42.768	38.694	33.147	25.423	15.532	4.347
2111	21.10	-6.679	-16.107	-23.102	-27.740	-30.854	-33.510	-36.375	-39.317	-41.468	-41.707
2121	21.20	-39.357	-34.687	-28.978	-24.049	-21.470	-21.821	-24.376	-27.380	-28.819	-27.325
2131	21.30	-22.807	-16.487	-10.341	-6.181	-4.816	-5.683	-7.116	-7.127	-4.332	1.403
2141	21.40	8.902	16.213	21.489	23.801	23.509	22.040	21.190	22.287	25.617	30.360
2151	21.50	35.046	38.300	39.487	38.970	37.834	37.239	37.703	38.677	38.620	35.572
2161	21.60	27.965	15.355	-1.255	-19.615	-36.870	-50.388	-58.471	-60.721	-57.981	-51.946
2171	21.70	-44.604	-37.711	-32.435	-27.205	-27.767	-27.371	-27.045	-25.895	-23.381	-19.496
2181	21.80	-14.800	-10.257	-6.913	-5.497	-6.097	-8.048	-10.100	-10.830	-9.148	-4.693
2191	21.90	2.027	9.830	17.296	23.275	27.267	29.532	30.900	32.383	34.746	38.201
2201	22.00	42.329	46.221	48.786	49.095	46.659	41.575	34.498	26.474	18.660	12.024
2211	22.10	7.080	3.771	1.513	-0.550	-3.191	-6.740	-10.879	-14.686	-16.958	-16.692
2221	22.20	-13.558	-8.150	-1.903	3.333	5.905	4.922	0.563	-6.008	-13.078	-19.000
2231	22.30	-22.746	-24.198	-24.063	-23.486	-23.520	-24.673	-26.711	-28.778	-29.773	-28.812
2241	22.40	-25.609	-20.604	-14.810	-9.434	-5.432	-3.165	-2.294	-1.953	-1.137	0.861
2251	22.50	4.137	8.116	11.786	14.125	14.567	13.292	11.226	9.732	10.110	13.083
2261	22.60	18.494	25.299	31.880	36.538	37.987	35.690	29.935	21.657	12.130	2.613
2271	22.70	-5.907	-12.852	-18.061	-21.721	-24.244	-26.144	-27.890	-29.784	-31.861	-33.868
2281	22.80	-35.333	-35.732	-34.708	-32.241	-28.721	-24.853	-21.432	-19.067	-17.968	-17.870
2291	22.90	-18.134	-17.973	-16.703	-13.950	-9.726	-4.397	1.441	7.104	11.958	15.534
2301	23.00	17.624	18.352	18.199	17.930	18.426	20.415	24.208	29.541	35.618	41.373
2311	23.10	45.876	48.689	50.030	50.619	51.268	52.383	53.622	53.898	51.780	46.128
2321	23.20	36.706	24.472	11.388	-0.198	-8.368	-12.303	-12.519	-10.596	-8.513	-7.899
2331	23.30	-9.514	-13.161	-18.009	-23.135	-27.991	-32.562	-37.179	-42.106	-47.158	-51.589
2341	23.40	-54.319	-54.414	-51.563	-46.309	-39.874	-33.649	-28.586	-24.766	-21.380	-17.155
2351	23.50	-11.023	-2.744	6.822	15.941	22.643	25.519	24.324	20.123	14.921	10.909
2361	23.60	9.654	11.535	15.673	20.352	23.751	24.693	23.109	20.026	17.125	16.024
2371	23.70	17.592	21.560	26.575	30.675	32.001	29.471	23.164	14.275	4.668	-3.782
2381	23.80	-9.817	-13.145	-14.405	-14.782	-15.469	-17.186	-19.960	-23.224	-26.142	-28.005
2391	23.90	-28.495	-27.722	-26.057	-23.877	-21.373	-18.524	-15.240	-11.561	-7.785	-4.424
2401	24.00	-2.009	-0.828	-0.756	-1.281	-1.719	-1.518	-0.492	1.135	2.906	4.408
2411	24.10	5.514	6.447	7.624	9.385	11.753	14.381	16.706	18.244	18.839	18.736
2421	24.20	18.414	18.280	18.392	18.386	17.651	15.667	12.309	7.939	3.212	-1.292
2431	24.30	-5.407	-9.467	-14.058	-19.542	-25.617	-31.187	-34.663	-34.629	-30.553	-23.199
2441	24.40	-14.486	-6.821	-2.172	-1.294	-3.468	-6.880	-9.451	-9.737	-7.496	-3.657
2451	24.50	0.237	2.833	3.608	3.050	2.321	2.596	4.421	7.419	10.475	12.290
2461	24.60	12.041	9.825	6.681	4.199	3.892	6.597	12.139	19.367	26.509	31.713
2471	24.70	33.571	31.493	25.837	17.799	9.080	1.436	-3.803	-6.110	-5.907	-4.412
2481	24.80	-3.195	-3.584	-6.128	-10.349	-14.896	-18.093	-18.641	-16.196	-11.549	-6.320
2491	24.90	-2.292	-0.676	-1.641	-4.327	-7.307	-9.295	-9.730	-8.977	-8.051	-8.022

Table 7-84-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-9.397	-11.803	-14.115	-14.981	-13.464	-9.512	-4.016	1.548	5.726	7.657
2511	25.10	7.362	5.655	3.761	2.827	3.552	6.044	9.894	14.380	18.659	21.898
2521	25.20	23.363	22.513	19.161	13.662	7.009	0.735	-3.461	-4.269	-1.312	4.568
2531	25.30	11.471	17.030	19.249	17.252	11.626	4.211	-2.609	-6.806	-7.438	-4.923
2541	25.40	-0.760	3.151	5.283	5.015	2.744	-0.440	-3.313	-5.039	-5.442	-4.943
2551	25.50	-4.242	-3.941	-4.283	-5.115	-6.049	-6.711	-6.935	-6.814	-6.604	-6.557
2561	25.60	-6.772	-7.152	-7.452	-7.401	-6.821	-5.690	-4.146	-2.446	-0.911	0.133
2571	25.70	0.409	-0.238	-1.768	-3.891	-6.089	-7.733	-8.274	-7.466	-5.485	-2.906
2581	25.80	-0.492	1.103	1.600	1.193	0.429	-0.077	0.041	0.730	1.577	2.069
2591	25.90	1.922	1.283	0.680	0.728	1.734	3.413	4.905	5.119	3.253	-0.738
2601	26.00	-6.000	-11.048	-14.357	-15.010	-13.097	-9.675	-6.284	-4.260	-4.156	-5.537
2611	26.10	-7.248	-7.997	-6.966	-4.163	-0.345	3.405	6.231	7.874	8.702	9.377
2621	26.20	10.385	11.668	12.584	12.218	9.892	5.599	0.148	-5.072	-8.606	-9.481
2631	26.30	-7.535	-3.410	1.721	6.857	11.040	13.988	15.739	16.464	16.282	15.211
2641	26.40	13.293	10.754	8.084	5.931	4.837	4.946	5.857	6.714	6.549	4.705
2651	26.50	1.168	-3.375	-7.782	-10.902	-12.019	-11.115	-8.827	-6.157	-4.065	-3.151
2661	26.60	-3.522	-4.887	-6.779	-8.768	-10.570	-12.013	-12.943	-13.147	-12.392	-10.562
2671	26.70	-7.826	-4.732	-2.125	-0.903	-1.692	-4.568	-8.971	-13.838	-17.935	-20.236
2681	26.80	-20.223	-17.985	-14.107	-9.406	-4.643	-0.315	3.406	6.582	9.332	11.673
2691	26.90	13.435	14.298	13.934	12.181	9.199	5.509	1.912	-0.722	-1.717	-0.834
2701	27.00	1.622	4.869	7.893	9.799	10.137	9.073	7.328	5.882	5.574	6.740
2711	27.10	9.061	11.696	13.639	14.160	13.121	11.021	8.754	7.174	6.693	7.082
2721	27.20	7.590	7.327	5.719	2.831	-0.623	-3.574	-5.083	-4.775	-3.026	-0.810
2731	27.30	0.724	0.746	-0.903	-3.664	-6.523	-8.448	-8.814	-7.613	-5.401	-3.018
2741	27.40	-1.236	-0.452	-0.262	-1.748	-2.974	-4.022	-4.621	-4.642	-4.045	-2.836
2751	27.50	-1.079	1.043	3.187	4.878	5.640	5.175	3.521	1.098	-1.411	-3.301
2761	27.60	-4.101	-3.751	-2.588	-1.170	0.001	0.702	1.071	1.485	2.305	3.625
2771	27.70	5.130	6.195	6.149	4.633	1.853	-1.389	-3.939	-4.730	-3.236	0.246
2781	27.80	4.631	8.400	10.155	9.155	5.621	0.675	-4.066	-7.095	-7.571	-5.615
2791	27.90	-2.232	1.107	3.034	2.796	0.482	-3.074	-6.676	-9.243	-10.173	-9.469
2801	28.00	-7.597	-5.181	-2.703	-0.342	1.978	4.391	6.858	9.063	10.474	10.577
2811	28.10	9.147	6.421	3.081	0.028	-1.948	-2.474	-1.720	-0.319	0.908	1.284
2821	28.20	0.523	-1.186	-3.300	-5.174	-6.317	-6.575	-6.152	-5.492	-5.085	-5.275
2831	28.30	-6.140	-7.478	-8.891	-9.913	-10.160	-9.433	-7.781	-5.490	-3.020	-0.894
2841	28.40	0.432	0.696	-0.690	-1.637	-3.447	-4.958	-5.701	-5.438	-4.212	-2.318
2851	28.50	-0.182	1.776	3.260	4.154	4.493	4.395	3.975	3.296	2.374	1.221
2861	28.60	-0.092	-1.407	-2.496	-3.128	-3.151	-2.551	-1.668	-0.146	1.158	2.250
2871	28.70	3.048	3.567	3.863	3.965	3.839	3.417	2.659	1.638	0.574	-0.194
2881	28.80	-0.330	0.360	1.812	3.686	5.465	6.643	6.914	6.299	5.126	3.884
2891	28.90	3.008	2.701	2.864	3.187	3.334	3.136	2.693	2.320	2.375	3.039
2901	29.00	4.185	5.397	6.142	6.017	4.933	3.154	1.151	-0.639	-2.033	-3.174
2911	29.10	-4.410	-6.042	-8.083	-10.159	-11.638	-11.931	-10.825	-8.662	-6.262	-4.599
2921	29.20	-4.364	-5.634	-7.809	-9.860	-10.789	-10.076	-7.904	-5.060	-2.554	-1.149
2931	29.30	-1.027	-1.749	-2.521	-2.614	-1.724	-0.084	1.705	3.066	3.781	4.140
2941	29.40	4.779	6.306	8.905	12.135	15.057	16.644	16.277	14.087	10.958	8.164
2951	29.50	6.804	7.289	9.127	11.115	11.857	10.380	6.575	1.260	-4.140	-8.178
2961	29.60	-9.947	-9.409	-7.350	-5.031	-3.564	-3.668	-5.267	-7.694	-10.002	-11.359
2971	29.70	-11.353	-10.093	-8.110	-6.125	-4.797	-4.542	-5.467	-7.397	-9.952	-12.645
2981	29.80	-14.947	-16.364	-16.499	-15.134	-12.301	-8.307	-3.692	0.899	4.880	7.889
2991	29.90	9.870	11.046	11.799	12.498	13.353	14.362	15.361	16.143	16.590	16.736

Table 7-84-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	16.734	16.743	16.806	16.773	16.366	15.206	13.193	10.420	7.279	4.304
3011	30.10	1.950	0.406	-0.493	-1.167	-2.079	-3.473	-5.219	-6.832	-7.678	-7.277
3021	30.20	-5.565	-2.976	-0.306	1.603	2.217	1.530	0.061	-1.403	-2.174	-1.995
3031	30.30	-1.160	-0.369	-0.375	-1.581	-3.784	-6.194	-7.732	-7.487	-5.135	-1.134
3041	30.40	3.415	7.170	9.063	8.718	6.582	3.733	1.437	0.636	1.584	3.766
3051	30.50	6.123	7.487	7.040	4.619	0.753	-3.567	-7.273	-9.615	-10.401	-10.013
3061	30.60	-9.211	-8.816	-9.398	-11.094	-13.590	-16.270	-18.442	-19.560	-19.368	-17.929
3071	30.70	-15.557	-12.689	-9.753	-7.070	-4.803	-2.963	-1.448	-0.100	1.227	2.619
3081	30.80	4.065	5.465	6.672	7.565	8.115	8.433	8.751	9.352	10.450	12.085
3091	30.90	14.075	16.047	17.550	18.206	17.826	16.459	14.344	11.797	9.091	6.385
3101	31.00	3.726	1.123	-1.379	-3.660	-5.558	-6.963	-7.915	-8.643	-9.505	-10.847
3111	31.10	-12.835	-15.344	-17.964	-20.126	-21.309	-21.226	-19.912	-17.691	-15.029	-12.368
3121	31.20	-9.999	-8.047	-6.532	-5.472	-4.932	-5.009	-5.738	-6.984	-8.410	-9.539
3131	31.30	-9.910	-9.264	-7.642	-5.366	-2.878	-0.526	1.610	3.743	6.248	9.426
3141	31.40	13.275	17.396	21.090	23.604	24.437	23.548	21.373	18.648	16.102	14.175
3151	31.50	12.879	11.865	10.651	8.894	6.577	4.019	1.710	0.068	-0.769	-0.997
3161	31.60	-1.026	-1.252	-1.831	-2.580	-3.052	-2.757	-1.409	0.907	3.748	6.487
3171	31.70	8.571	9.730	10.043	9.850	9.439	9.037	8.521	7.592	5.958	3.557
3181	31.80	0.666	-2.153	-4.277	-5.285	-5.157	-4.283	-3.284	-2.721	-2.833	-3.435
3191	31.90	-4.021	-4.034	-3.163	-1.524	0.354	1.756	2.088	1.141	-0.810	-3.130
3201	32.00	-5.079	-6.105	-6.034	-5.090	-3.760	-2.589	-1.988	-2.150	-3.050	-4.517
3211	32.10	-6.300	-8.105	-9.603	-10.464	-10.423	-9.403	-7.618	-5.583	-3.987	-3.433
3221	32.20	-4.159	-5.856	-7.717	-8.721	-8.064	-5.552	-1.757	2.145	4.824	5.337
3231	32.30	3.538	0.155	-3.496	-6.037	-6.562	-4.943	-1.795	1.871	5.120	7.454
3241	32.40	8.925	9.956	11.010	12.285	13.604	14.535	14.659	13.823	12.235	10.347
3251	32.50	8.605	7.210	6.033	4.738	3.036	0.932	-1.197	-2.746	-3.179	-2.339
3261	32.60	-0.588	1.301	2.455	2.273	0.660	-1.971	-4.934	-7.604	-9.677	-11.229
3271	32.70	-12.551	-13.873	-15.150	-16.025	-16.003	-14.750	-12.328	-9.249	-6.289	-4.160
3281	32.80	-3.200	-3.243	-3.733	-4.026	-3.722	-2.846	-1.802	-1.116	-1.113	-1.714
3291	32.90	-2.433	-2.616	-1.768	0.175	2.780	5.281	6.899	7.166	6.103	4.189
3301	33.00	2.136	0.598	-0.072	0.088	0.715	1.307	1.425	0.852	-0.350	-1.861
3311	33.10	-3.203	-3.865	-3.446	-1.782	0.968	4.322	7.564	9.946	10.929	10.385
3321	33.20	8.668	6.500	4.701	3.872	4.155	5.200	6.339	6.914	6.584	5.480
3331	33.30	4.120	3.141	2.971	3.614	4.660	5.507	5.686	5.118	4.170	3.481
3341	33.40	3.647	4.909	7.021	9.339	11.088	11.680	10.926	9.058	6.579	4.031
3351	33.50	1.803	0.066	-1.174	-1.969	-2.360	-2.383	-2.156	-1.942	-2.131	-3.111
3361	33.60	-5.062	-7.798	-10.756	-13.166	-14.344	-13.988	-12.306	-9.929	-7.620	-5.931
3371	33.70	-4.972	-4.409	-3.693	-2.402	-0.517	1.516	2.974	3.213	2.009	-0.287
3381	33.80	-2.862	-4.780	-5.376	-4.531	-2.697	-0.668	0.783	1.238	0.771	-0.150
3391	33.90	-0.936	-1.184	-0.865	-0.310	-0.013	-0.362	-1.425	-2.900	-4.248	-4.936
3401	34.00	-4.687	-3.604	-2.139	-0.899	-0.396	-0.840	-2.066	-3.608	-4.911	-5.563
3411	34.10	-5.470	-4.895	-4.346	-4.359	-5.263	-7.022	-9.220	-11.200	-12.300	-12.096
3421	34.20	-10.543	-7.966	-4.905	-1.887	0.779	3.040	5.110	7.210	9.415	11.554
3431	34.30	13.257	14.125	13.947	12.829	11.184	9.560	8.396	7.835	7.668	7.469
3441	34.40	6.832	5.598	3.963	2.396	1.411	1.311	2.030	3.151	4.095	4.379
3451	34.50	3.822	2.595	1.103	-0.234	-1.183	-1.780	-2.259	-2.884	-3.769	-4.797
3461	34.60	-5.677	-6.100	-5.903	-5.159	-4.128	-3.122	-2.342	-1.789	-1.299	-0.666
3471	34.70	0.202	1.212	2.128	2.717	2.925	2.963	3.258	4.269	6.247	9.066
3481	34.80	12.206	14.924	16.532	16.665	15.419	13.282	10.906	8.811	7.175	5.791
3491	34.90	4.239	2.153	-0.514	-3.393	-5.810	-7.080	-6.855	-5.354	-3.361	-1.966

Table 7-84-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-2.139	-4.317	-8.177	-12.719	-16.628	-18.786	-18.719	-16.788	-14.041	-11.782
3511	35.10	-11.026	-12.087	-14.453	-17.004	-18.483	-18.007	-15.412	-11.285	-6.695	-2.745
3521	35.20	-0.145	1.009	1.189	1.152	1.581	2.795	4.667	6.737	8.460	9.454
3531	35.30	9.633	9.198	8.502	7.885	7.548	7.525	7.733	8.049	8.371	8.626
3541	35.40	8.738	8.610	8.120	7.175	5.770	4.024	2.163	0.447	-0.932	-1.915
3551	35.50	-2.578	-3.075	-3.534	-3.982	-4.327	-4.412	-4.105	-3.384	-2.360	-1.237
3561	35.60	-0.229	0.520	0.970	1.161	1.156	0.988	0.655	0.163	-0.408	-0.872
3571	35.70	-0.964	-0.445	0.769	2.519	4.415	5.959	6.739	6.614	5.782	4.732
3581	35.80	3.992	3.927	4.534	5.426	5.982	5.618	4.057	1.482	-1.507	-4.109
3591	35.90	-5.632	-5.757	-4.652	-2.895	-1.229	-0.277	-0.321	-1.242	-2.616	-3.936
3601	36.00	-4.820	-5.145	-5.038	-4.759	-4.533	-4.441	-4.400	-4.242	-3.847	-3.236
3611	36.10	-2.581	-2.116	-1.986	-2.139	-2.295	-2.052	-1.067	0.754	3.163	5.624
3621	36.20	7.500	8.303	7.902	6.581	4.930	3.604	3.048	3.318	4.066	4.692
3631	36.30	4.608	3.486	1.388	-1.273	-3.918	-6.049	-7.434	-8.161	-8.539	-8.899
3641	36.40	-9.393	-9.696	-10.055	-9.466	-7.898	-5.458	-2.613	-0.048	1.583	1.910
3651	36.50	1.003	-0.639	-2.273	-3.177	-2.918	-1.502	0.646	2.839	4.381	4.795
3661	36.60	3.970	2.163	-0.099	-2.194	-3.577	-3.903	-3.075	-1.231	1.306	4.108
3671	36.70	6.710	8.686	9.718	9.657	8.567	6.723	4.555	2.546	1.102	0.433
3681	36.80	0.496	1.009	1.549	1.701	1.198	0.016	-1.618	-3.304	-4.614	-5.237
3691	36.90	-5.085	-4.319	-3.281	-2.362	-1.850	-1.827	-2.140	-2.478	-2.501	-1.995
3701	37.00	-0.969	0.346	1.591	2.433	2.713	2.520	2.148	1.967	2.251	3.051
3711	37.10	4.168	5.252	5.960	6.119	5.799	5.270	4.851	4.739	4.894	5.049
3721	37.20	4.841	3.997	2.499	0.621	-1.168	-2.393	-2.776	-2.351	-1.429	-0.452
3731	37.30	0.212	0.418	0.276	0.051	-0.013	0.145	0.343	0.221	-0.596	-2.311
3741	37.40	-4.842	-7.823	-10.730	-13.053	-14.461	-14.884	-14.485	-13.543	-12.422	-11.281
3751	37.50	-10.236	-9.282	-8.366	-7.435	-6.458	-5.425	-4.336	-3.186	-1.974	-0.703
3761	37.60	0.614	1.967	3.367	4.860	6.518	8.406	10.529	12.790	14.986	16.846
3771	37.70	18.112	18.624	18.382	17.541	16.352	15.062	13.827	12.660	11.456	10.066
3781	37.80	8.398	6.495	4.547	2.846	1.674	1.197	1.384	1.998	2.667	2.997
3791	37.90	2.704	1.696	0.099	-1.802	-3.668	-5.223	-6.336	-7.041	-7.497	-7.901
3801	38.00	-8.399	-9.026	-9.706	-10.293	-10.642	-10.671	-10.388	-9.878	-9.249	-8.589
3811	38.10	-7.921	-7.208	-6.382	-5.381	-4.190	-2.848	-1.443	-0.085	1.122	2.093
3821	38.20	2.777	3.154	3.241	3.094	2.803	2.474	2.201	2.030	1.939	1.838
3831	38.30	1.610	1.168	0.504	-0.293	-1.064	-1.653	-1.968	-2.028	-1.939	-1.829
3841	38.40	-1.766	-1.708	-1.520	-1.055	-0.261	0.739	1.650	2.099	1.787	0.627
3851	38.50	-1.199	-3.295	-5.197	-6.552	-7.237	-7.365	-7.186	-6.935	-6.702	-6.396
3861	38.60	-5.828	-4.844	-3.452	-1.857	-0.384	0.672	1.196	1.307	1.298	1.473
3871	38.70	1.978	2.710	3.360	3.567	3.122	2.091	0.814	-0.245	-0.710	-0.473
3881	38.80	0.262	1.085	1.591	1.590	1.203	0.800	0.820	1.551	2.981	4.808
3891	38.90	6.570	7.852	8.444	8.383	7.873	7.126	6.236	5.148	3.737	1.956
3901	39.00	-0.048	-1.917	-3.207	-3.576	-2.966	-1.661	-0.191	0.886	1.225	0.844
3911	39.10	0.101	-0.478	-0.454	0.313	1.598	2.913	3.734	3.739	2.953	1.725
3921	39.20	0.567	-0.081	-0.038	0.546	1.273	1.676	1.420	0.432	-1.086	-2.757
3931	39.30	-4.177	-5.061	-5.308	-4.997	-4.316	-3.470	-2.620	-1.852	-1.197	-0.647
3941	39.40	-0.180	0.234	0.630	1.046	1.495	1.940	2.280	2.364	2.051	1.284
3951	39.50	0.157	-1.076	-2.083	-2.471	-2.120	-1.071	0.379	1.800	2.795	3.156
3961	39.60	2.944	2.454	2.065	2.067	2.515	3.207	3.779	3.888	3.384	2.394
3971	39.70	1.271	0.627	0.135	0.393	0.919	1.294	1.168	0.450	-0.629	-1.612
3981	39.80	-2.023	-1.597	-0.419	1.102	2.400	2.995	2.693	1.648	0.269	-0.978
3991	39.90	-1.776	-2.066	-2.028	-1.936	-1.998	-2.250	-2.571	-2.792	-2.844	-2.841

Table 7-84-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-3.047	-3.734	-5.010	-6.700	-8.361	-9.443	-9.513	-8.451	-6.516	-4.243
4011	40.10	-2.217	-0.834	-0.114	0.129	0.435	1.156	2.418	4.028	5.562	6.569
4021	40.20	6.781	6.230	5.241	4.290	3.803	3.999	4.819	5.977	7.091	7.828
4031	40.30	8.007	7.624	6.801	5.710	4.501	3.261	2.027	0.815	-0.357	-1.439
4041	40.40	-2.370	-3.092	-3.572	-3.816	-3.871	-3.822	-3.788	-3.908	-4.312	-5.087
4051	40.50	-6.228	-7.610	-8.993	-10.072	-10.576	-10.367	-9.508	-8.263	-7.006	-6.081
4061	40.60	-5.661	-5.669	-5.803	-5.662	-4.919	-3.475	-1.510	0.583	2.367	3.551
4071	40.70	4.116	4.322	4.575	5.228	6.398	7.890	9.266	10.038	9.892	8.849
4081	40.80	7.276	5.748	4.810	4.743	5.447	6.483	7.258	7.283	6.372	4.715
4091	40.90	2.786	1.131	0.138	-0.119	0.101	0.331	0.105	-0.865	-2.487	-4.503
4101	41.00	-6.435	-7.861	-8.558	-8.570	-8.170	-7.733	-7.588	-7.891	-8.575	-9.389
4111	41.10	-9.998	-10.101	-9.536	-8.320	-6.627	-4.708	-2.807	-1.077	0.441	1.801
4121	41.20	3.033	4.328	5.497	6.471	7.111	7.328	7.145	6.711	6.259	6.020
4131	41.30	6.137	6.607	7.290	7.967	8.426	8.524	8.218	7.528	6.492	5.128
4141	41.40	3.440	1.460	-0.688	-2.767	-4.469	-5.517	-5.794	-5.426	-4.766	-4.279
4151	41.50	-4.343	-5.077	-6.264	-7.422	-7.999	-7.613	-6.242	-4.253	-2.266	-0.908
4161	41.60	-0.553	-1.165	-2.322	-3.391	-3.799	-3.258	-1.873	-0.076	1.576	2.636
4171	41.70	2.948	2.698	2.317	2.293	2.967	4.403	6.368	8.425	10.088	10.989
4181	41.80	10.979	10.155	8.803	7.289	5.951	5.009	4.527	4.433	4.566	4.735
4191	41.90	4.777	4.582	4.099	3.322	2.275	1.009	-0.400	-1.847	-3.195	-4.309
4201	42.00	-5.093	-5.532	-5.722	-5.845	-6.106	-6.650	-7.472	-8.400	-9.127	-9.528
4211	42.10	-8.783	-7.484	-5.655	-3.691	-2.019	-0.954	-0.599	-0.835	-1.393	-1.983
4221	42.20	-2.400	-2.577	-2.563	-2.437	-2.229	-1.875	-1.252	-0.262	1.067	2.532
4231	42.30	3.781	4.423	4.180	3.020	1.204	-0.765	-2.295	-2.895	-2.346	-0.776
4241	42.40	1.370	3.475	4.938	5.366	4.683	3.141	1.219	-0.544	-1.723	-2.139
4251	42.50	-1.894	-1.301	-0.754	-0.570	-0.876	-1.577	-2.411	-3.060	-3.277	-2.964
4261	42.60	-2.188	-1.130	0.004	1.054	1.943	2.665	3.237	3.659	3.902	3.930
4271	42.70	3.738	3.387	2.997	2.712	2.633	2.778	3.067	3.365	3.542	3.529
4281	42.80	3.348	3.078	2.806	2.565	2.309	1.932	1.313	0.377	-0.876	-2.369
4291	42.90	-3.979	-5.565	-6.989	-8.109	-8.777	-8.845	-8.212	-6.895	-5.082	-3.129
4301	43.00	-1.491	-0.566	-0.540	-1.289	-2.390	-3.274	-3.440	-2.669	-1.126	0.702
4311	43.10	2.194	2.855	2.514	1.387	-0.023	-1.139	-1.539	-1.096	0.008	1.412
4321	43.20	2.751	3.800	4.533	5.068	5.552	6.058	6.548	6.902	7.011	6.852
4331	43.30	6.508	6.124	5.822	5.635	5.494	5.277	4.895	4.352	3.745	3.197
4341	43.40	2.758	2.339	1.729	0.694	-0.879	-2.882	-4.977	-6.715	-7.731	-7.916
4351	43.50	-7.490	-6.912	-6.667	-7.028	-7.901	-8.838	-9.233	-8.598	-6.810	-4.201
4361	43.60	-1.445	0.705	1.728	1.531	0.471	-0.820	-1.707	-1.801	-1.075	0.197
4371	43.70	1.610	2.836	3.738	4.365	4.834	5.203	5.394	5.236	4.592	3.495
4381	43.80	2.203	1.119	0.615	0.831	1.568	2.336	2.565	1.865	0.232	-1.909
4391	43.90	-3.864	-4.950	-4.785	-3.448	-1.446	0.496	1.721	1.876	1.001	-0.553
4401	44.00	-2.318	-3.903	-5.124	-5.992	-6.623	-7.110	-7.450	-7.560	-7.349	-6.817
4411	44.10	-6.085	-5.367	-4.863	-4.660	-4.675	-4.687	-4.437	-3.746	-2.596	-1.129
4421	44.20	0.423	1.839	2.999	3.910	4.672	5.415	6.232	7.151	8.144	9.156
4431	44.30	10.131	11.016	11.746	12.232	12.367	12.058	11.267	10.037	8.479	6.731
4441	44.40	4.906	3.064	1.230	-0.554	-2.176	-3.445	-4.145	-4.152	-3.530	-2.572
4451	44.50	-1.723	-1.411	-1.850	-2.922	-4.196	-5.109	-5.223	-4.455	-3.147	-1.946
4461	44.60	-1.522	-2.266	-4.090	-6.445	-8.536	-9.653	-9.444	-8.034	-5.921	-3.728
4471	44.70	-1.923	-0.659	0.217	1.003	1.932	3.037	4.155	5.057	5.616	5.899
4481	44.80	6.125	6.508	7.067	7.544	7.480	6.443	4.289	1.324	-1.742	-4.047
4491	44.90	-4.930	-4.224	-2.330	-0.057	1.726	2.448	2.037	0.882	-0.417	-1.371

Table 7-84-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-1.837	-2.043	-2.413	-3.291	-4.718	-6.386	-7.789	-8.488	-8.335	-7.550
4511	45.10	-6.589	-5.891	-5.631	-5.618	-5.394	-4.482	-2.655	-0.080	2.733	5.160
4521	45.20	6.744	7.389	7.374	7.175	7.208	7.620	8.227	8.653	8.553	7.828
4531	45.30	6.707	5.669	5.124	5.385	6.339	7.590	8.616	8.987	8.531	7.355
4541	45.40	5.745	4.002	2.305	0.678	-0.952	-2.632	-4.294	-5.746	-6.747	-7.138
4551	45.50	-6.932	-6.334	-5.664	-5.222	-5.179	-5.524	-6.110	-6.749	-7.317	-7.792
4561	45.60	-8.230	-8.685	-9.137	-9.465	-9.491	-9.073	-8.181	-6.930	-5.535	-4.211
4571	45.70	-3.081	-2.135	-1.262	-0.342	0.659	1.650	2.454	2.918	3.024	2.933
4581	45.80	2.937	3.315	4.166	5.311	6.314	6.640	5.891	4.005	1.329	-1.480
4591	45.90	-3.694	-4.795	-4.666	-3.613	-2.202	-0.986	-0.259	0.060	0.353	1.065
4601	46.00	2.443	4.358	6.520	7.675	7.903	6.876	4.939	2.795	1.214	0.725
4611	46.10	1.401	2.856	4.434	5.499	5.692	5.046	3.915	2.766	1.951	1.562
4621	46.20	1.437	1.291	0.896	0.209	-0.609	-1.291	-1.602	-1.454	-0.929	-0.204
4631	46.30	0.558	1.295	2.052	2.907	3.864	4.783	5.402	5.440	4.737	3.359
4641	46.40	1.594	-0.142	-1.478	-2.216	-2.397	-2.237	-2.009	-1.908	-1.992	-2.205
4651	46.50	-2.474	-2.792	-3.254	-3.998	-5.096	-6.456	-7.801	-8.753	-8.989	-8.406
4661	46.60	-7.187	-5.752	-4.590	-4.054	-4.211	-4.819	-5.438	-5.630	-5.153	-4.063
4671	46.70	-2.687	-1.471	-0.791	-0.798	-1.356	-2.106	-2.608	-2.509	-1.673	-0.217
4681	46.80	1.535	3.171	4.330	4.818	4.659	4.070	3.381	2.908	2.844	3.205
4691	46.90	3.837	4.505	5.007	5.269	5.380	5.530	5.890	6.486	7.126	7.447
4701	47.00	7.051	5.697	3.448	0.699	-1.939	-3.863	-4.704	-4.474	-3.537	-2.449
4711	47.10	-1.709	-1.554	-1.891	-2.371	-2.592	-2.301	-1.512	-0.482	0.430	0.952
4721	47.20	1.028	0.827	0.643	0.725	1.144	1.759	2.292	2.478	2.210	1.600
4731	47.30	0.937	0.555	0.687	1.364	2.406	3.505	4.366	4.718	4.575	4.013
4741	47.40	3.211	2.345	1.550	0.804	0.136	-0.526	-1.223	-1.953	-2.663	-3.260
4751	47.50	-3.638	-3.721	-3.497	-3.047	-2.538	-2.180	-2.143	-2.485	-3.093	-3.702
4761	47.60	-3.976	-3.643	-2.614	-1.048	0.678	2.099	2.826	2.684	1.774	0.413
4771	47.70	-0.996	-2.123	-2.812	-3.103	-3.165	-3.185	-3.272	-3.424	-3.559	-3.583
4781	47.80	-3.453	-3.197	-2.877	-2.539	-2.172	-1.719	-1.128	-0.422	0.264	0.723
4791	47.90	0.765	0.336	-0.412	-1.142	-1.463	-1.104	-0.070	1.316	2.512	2.973
4801	48.00	2.396	0.876	-1.093	-2.802	-3.607	-3.205	-1.777	0.074	1.565	2.047
4811	48.10	1.286	-0.643	-2.460	-3.944	-4.257	-3.171	-0.927	1.888	4.590	6.652
4821	48.20	7.853	8.292	8.247	7.996	7.654	7.127	6.165	4.500	1.996	-1.256
4831	48.30	-4.921	-8.479	-11.342	-12.978	-13.031	-11.416	-8.379	-4.489	-0.557	2.552
4841	48.40	4.165	4.043	2.530	0.501	-0.905	-0.705	1.507	5.312	9.541	12.669
4851	48.50	13.405	11.252	6.774	1.461	-2.801	-4.434	-2.774	1.685	7.494	12.815
4861	48.60	16.098	16.592	14.684	10.668	6.265	2.156	-1.273	-4.087	-6.535	-8.743
4871	48.70	-10.534	-11.492	-11.201	-9.530	-6.789	-3.660	-0.939	0.789	1.376	1.122
4881	48.80	0.587	0.300	0.522	1.162	1.871	2.233	1.928	0.797	-1.199	-4.062
4891	48.90	-7.764	-12.147	-16.757	-20.733	-22.880	-21.993	-17.344	-9.131	1.331	11.849
4901	49.00	19.968	23.779	22.588	17.169	9.483	1.969	-3.307	-5.301	-4.199	-1.139
4911	49.10	2.390	5.172	6.659	6.994	6.724	6.392	6.225	6.058	5.491	4.149
4921	49.20	1.902	-1.082	-4.435	-7.760	-10.752	-13.205	-14.921	-15.626	-14.984	-12.750
4931	49.30	-8.988	-4.232	0.549	4.228	5.924	5.380	3.104	0.176	-2.196	-3.196
4941	49.40	-2.731	-1.627	-0.265	-0.060	-1.006	-2.540	-3.579	-3.026	-0.300	4.353
4951	49.50	9.923	15.023	18.419	19.457	18.214	15.341	11.707	8.050	4.773	1.975
4961	49.60	-0.382	-2.276	-3.538	-3.938	-3.342	-1.873	0.055	1.846	2.938	2.998
4971	49.70	2.010	0.226	-1.974	-4.233	-6.284	-7.938	-9.023	-9.359	-8.820	-7.450
4981	49.80	-5.564	-3.735	-2.629	-2.730	-4.094	-6.259	-8.406	-9.711	-9.735	-8.650
4991	49.90	-7.177	-6.227	-6.425	-7.729	-9.370	-10.142	-8.943	-5.300	0.361	6.841

Table 7-84-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	12.632	16.491	17.877	17.043	14.782	11.970	9.169	6.471	3.656	0.536
5011	50.10	-2.736	-5.580	-7.199	-6.985	-4.893	-1.575	1.845	4.247	5.034	4.419
5021	50.20	3.329	2.954	4.155	6.996	10.651	13.724	14.631	13.192	8.947	3.076
5031	50.30	-3.026	-8.107	-11.483	-13.167	-13.658	-13.557	-13.205	-12.539	-11.201	-8.840
5041	50.40	-5.402	-1.270	2.840	6.152	8.126	8.636	7.929	6.423	4.467	2.193
5051	50.50	-0.437	-3.437	-6.571	-9.245	-10.621	-9.907	-6.732	-1.400	5.108	11.395
5061	50.60	16.101	18.349	18.009	15.679	12.404	9.263	6.989	5.774	5.304	4.978
5071	50.70	4.203	2.635	0.285	-2.512	-5.236	-7.357	-8.478	-8.428	-7.296	-5.410
5081	50.80	-3.284	-1.520	-0.687	-1.186	-3.139	-6.343	-10.310	-14.394	-17.954	-20.490
5091	50.90	-21.712	-21.512	-19.880	-16.834	-12.407	-6.729	-0.149	6.664	12.743	16.994
5101	51.00	18.492	16.796	12.156	5.516	-1.714	-8.044	-12.311	-13.964	-13.133	-10.468
5111	51.10	-6.834	-2.988	0.634	3.962	7.178	10.512	14.061	17.691	21.062	23.739
5121	51.20	25.334	25.614	24.542	22.255	19.003	15.100	10.886	6.710	2.911	-0.225
5131	51.30	-2.531	-4.032	-4.967	-5.751	-6.840	-8.556	-10.910	-13.525	-15.691	-16.563
5141	51.40	-15.455	-12.111	-6.872	-0.644	5.321	9.764	11.775	11.027	7.827	2.967
5151	51.50	-2.549	-7.791	-12.111	-15.194	-16.999	-17.613	-17.145	-15.685	-13.338	-10.305
5161	51.60	-6.918	-3.595	-0.729	1.449	2.947	3.969	4.765	5.430	5.779	5.359
5171	51.70	3.656	0.386	-4.219	-9.319	-13.609	-15.709	-14.640	-10.222	-3.208	4.894
5181	51.80	12.269	17.347	19.257	18.023	14.458	9.814	5.333	1.875	-0.279	-1.389
5191	51.90	-2.050	-2.906	-4.388	-6.549	-9.032	-11.159	-12.122	-11.219	-8.095	-2.916
5201	52.00	3.590	10.256	15.768	19.049	19.612	17.739	14.392	10.857	8.250	7.071
5211	52.10	7.014	7.122	6.251	3.637	-0.682	-5.797	-10.262	-12.701	-12.405	-9.652
5221	52.20	-5.594	-1.743	0.699	1.355	0.788	0.165	0.616	2.611	5.665	8.506
5231	52.30	9.659	8.158	4.058	-1.507	-6.747	-9.941	-10.135	-7.502	-3.230	0.997
5241	52.40	3.685	6.065	2.286	-0.783	-3.999	-6.410	-7.556	-7.496	-6.642	-5.517
5251	52.50	-4.565	-4.088	-4.258	-5.149	-6.705	-8.672	-10.547	-11.642	-11.290	-9.128
5261	52.60	-5.332	-0.643	3.848	7.120	8.634	8.550	7.625	6.820	6.814	7.663
5271	52.70	8.798	9.368	8.756	7.002	4.891	3.643	4.328	7.308	11.986	16.996
5281	52.80	20.764	22.165	20.954	17.781	13.785	10.002	6.899	4.263	1.502	-1.845
5291	52.90	-5.678	-9.247	-11.477	-11.546	-9.395	-5.894	-2.529	-0.746	-1.273	-3.762
5301	53.00	-6.945	-9.254	-9.587	-7.867	-5.100	-2.908	-2.771	-5.332	-10.114	-15.758
5311	53.10	-20.649	-23.615	-24.345	-23.366	-21.609	-19.836	-18.240	-16.409	-13.681	-9.643
5321	53.20	-4.515	0.829	5.209	7.696	8.078	6.993	5.644	5.230	6.374	8.824
5331	53.30	11.587	13.411	13.406	11.490	8.461	5.670	4.443	5.524	8.779	13.269
5341	53.40	17.639	20.631	21.505	20.218	17.313	13.652	10.024	6.949	4.558	2.657
5351	53.50	0.871	-1.194	-3.829	-7.146	-11.048	-15.239	-19.257	-22.560	-24.636	-25.134
5361	53.60	-23.961	-21.317	-17.638	-13.475	-9.346	-5.629	-2.539	-0.109	1.628	2.689
5371	53.70	3.080	2.844	2.113	1.119	0.158	-0.507	-0.731	-0.521	0.009	0.751
5381	53.80	1.697	2.980	4.792	7.235	10.167	13.137	15.483	16.556	15.996	13.919
5391	53.90	10.928	7.912	5.719	4.832	5.190	6.241	7.186	7.321	6.315	4.314
5401	54.00	1.836	-0.478	-2.138	-3.000	-3.291	-3.485	-4.106	-5.522	-7.825	-10.792
5411	54.10	-13.935	-16.595	-18.060	-17.713	-15.188	-10.518	-4.237	2.648	8.842	13.102
5421	54.20	14.628	13.376	10.137	6.341	3.577	3.053	5.157	9.327	14.269	18.451
5431	54.30	20.658	20.390	17.949	14.203	10.155	6.540	3.601	1.156	-1.140	-3.485
5441	54.40	-5.755	-7.553	-8.460	-8.329	-7.469	-6.584	-6.483	-7.690	-10.147	-13.176
5451	54.50	-15.735	-16.872	-16.173	-13.992	-11.340	-9.476	-9.366	-11.248	-14.493	-17.835
5461	54.60	-19.860	-19.560	-16.705	-11.895	-6.285	-1.110	2.775	5.148	6.386	7.190
5471	54.70	8.215	9.778	11.772	13.799	15.422	16.406	16.809	16.900	16.942	16.984
5481	54.80	16.763	15.802	13.640	10.115	5.532	0.630	-3.640	-6.668	-7.478	-6.871
5491	54.90	-5.326	-3.719	-2.778	-2.820	-3.682	-4.860	-5.779	-6.069	-5.721	-5.059

Table 7-84-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-4.547	-4.546	-5.116	-5.978	-6.642	-6.637	-5.758	-4.183	-2.445	-1.232
5511	55.10	-1.124	-2.355	-4.707	-7.570	-10.141	-11.689	-11.778	-10.383	-7.850	-4.747
5521	55.20	-1.655	1.012	3.095	4.678	5.976	7.199	8.432	9.595	10.476	10.833
5531	55.30	10.508	9.515	8.058	6.473	5.126	4.292	4.063	4.326	4.805	5.161
5541	55.40	5.102	4.478	3.312	1.775	0.106	-1.484	-2.875	-4.061	-5.096	-6.022
5551	55.50	-6.791	-7.234	-7.108	-6.195	-4.427	-1.967	0.791	3.327	5.156	5.997
5561	55.60	5.861	5.025	3.895	2.829	1.988	1.310	0.602	-0.296	-1.356	-2.314
5571	55.70	-2.772	-2.393	-1.121	0.728	2.535	3.623	3.559	2.375	0.597	-0.952
5581	55.80	-1.495	-0.638	1.444	4.068	6.319	7.407	6.965	5.138	2.465	-0.382
5591	55.90	-2.866	-4.727	-5.963	-6.690	-6.983	-6.814	-6.105	-4.877	-3.362	-2.006
5601	56.00	-1.321	-1.640	-2.915	-4.664	-6.131	-6.603	-5.725	-3.687	-1.147	1.051
5611	56.10	2.268	2.360	1.742	1.191	1.475	2.989	5.561	8.521	10.979	12.191
5621	56.20	11.823	10.026	7.286	4.173	1.100	-1.760	-4.407	-6.837	-8.886	-10.198
5631	56.30	-10.353	-9.089	-6.489	-3.042	0.496	3.372	5.123	5.742	5.634	5.390
5641	56.40	5.481	6.025	6.737	7.082	6.569	5.013	2.658	0.083	-2.064	-3.370
5651	56.50	-3.855	-3.956	-4.312	-5.436	-7.441	-9.948	-12.224	-13.481	-13.217	-11.416
5661	56.60	-8.550	-5.367	-2.588	-0.637	0.456	0.967	1.267	1.595	1.945	2.111
5671	56.70	1.857	1.108	0.056	-0.893	-1.287	-0.853	0.368	2.028	3.629	4.746
5681	56.80	5.211	5.158	4.914	4.796	4.921	5.137	5.096	4.450	3.058	1.098
5691	56.90	-0.968	-2.560	-3.212	-2.739	-1.293	0.725	2.829	4.617	5.863	6.515
5701	57.00	6.618	6.230	5.373	4.040	2.250	0.097	-2.242	-4.533	-6.544	-8.089
5711	57.10	-9.043	-9.324	-8.884	-7.716	-5.901	-3.658	-1.355	0.555	1.670	1.809
5721	57.20	1.114	0.042	-0.796	-0.879	-0.002	1.626	3.472	4.929	5.604	5.523
5731	57.30	5.137	5.111	6.008	7.995	10.731	13.480	15.414	15.956	15.006	12.951
5741	57.40	10.454	8.143	6.332	4.936	3.578	1.856	-0.396	-2.982	-5.419	-7.177
5751	57.50	-7.966	-7.917	-7.563	-7.625	-8.678	-10.881	-13.864	-16.851	-18.954	-19.512
5761	57.60	-18.350	-15.831	-12.714	-9.870	-7.993	-7.392	-7.948	-9.224	-10.649	-11.714
5771	57.70	-12.106	-11.743	-10.734	-9.297	-7.675	-6.071	-4.609	-3.324	-2.161	-1.001
5781	57.80	0.310	1.900	3.816	5.982	8.196	10.178	11.662	12.496	12.709	12.518
5791	57.90	12.257	12.259	12.730	13.672	14.875	15.995	16.672	16.655	15.874	14.436
5801	58.00	12.568	10.515	8.447	6.420	4.379	2.224	-0.113	-2.607	-5.108	-7.370
5811	58.10	-9.114	-10.112	-10.265	-9.650	-8.518	-7.244	-6.225	-5.775	-6.023	-6.868
5821	58.20	-8.002	-8.996	-9.446	-9.101	-7.951	-6.226	-4.306	-2.574	-1.274	-0.613
5831	58.30	0.217	0.937	2.038	3.640	5.636	7.734	9.571	10.851	11.439	11.372
5841	58.40	10.798	9.872	8.676	7.217	5.481	3.535	1.583	-0.041	-0.992	-1.060
5851	58.50	-0.306	0.914	2.059	2.606	2.272	1.139	-0.370	-1.685	-2.347	-2.237
5861	58.60	-1.651	-1.180	-1.451	-2.832	-5.245	-8.173	-10.859	-12.621	-13.121	-12.484
5871	58.70	-11.206	-9.896	-8.981	-8.510	-8.157	-7.400	-5.813	-3.304	-0.191	2.920
5881	58.80	5.401	6.887	7.435	7.489	7.664	8.449	9.979	11.967	13.839	14.988
5891	58.90	15.037	13.976	12.137	10.007	8.008	6.336	4.940	3.634	2.272	0.867
5901	59.00	-0.394	-1.270	-1.637	-1.615	-1.570	-1.970	-3.168	-5.205	-7.757	-10.242
5911	59.10	-12.059	-12.841	-12.595	-11.681	-10.626	-9.870	-9.583	-9.618	-9.636	-9.313
5921	59.20	-8.531	-7.629	-6.318	-5.479	-4.984	-4.629	-4.039	-2.885	-1.110	0.967
5931	59.30	2.738	3.565	3.094	1.472	-0.641	-2.296	-2.622	-1.180	1.843	5.698
5941	59.40	9.360	11.913	12.878	12.343	10.871	9.216	8.010	7.528	7.641	7.934
5951	59.50	7.939	7.346	6.122	4.485	2.772	1.273	0.110	-0.787	-1.607	-2.534
5961	59.60	-3.630	-4.786	-5.747	-6.205	-5.920	-4.808	-2.982	-0.722	1.592	3.579
5971	59.70	4.938	5.507	5.283	4.411	3.146	1.799	0.676	0.019	-0.040	0.488
5981	59.80	1.456	2.604	3.628	4.249	4.298	3.762	2.801	1.707	0.820	0.424
5991	59.90	0.645	1.399	2.405	3.258	3.561	3.053	1.702	-0.280	-2.502	-4.527

Table 7-84-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-6.015	-6.833	-7.088	-7.069	-7.127	-7.541	-8.408	-9.616	-10.894	-11.917
6011	60.10	-12.417	-12.275	-11.533	-10.362	-8.983	-7.590	-6.306	-5.179	-4.215	-3.417
6021	60.20	-2.811	-2.441	-2.339	-2.488	-2.799	-3.124	-3.296	-3.178	-2.714	-1.937
6031	60.30	-0.947	0.135	1.218	2.272	3.327	4.440	5.655	6.963	8.297	9.543
6041	60.40	10.575	11.292	11.640	11.612	11.241	10.576	9.681	8.627	7.504	6.426
6051	60.50	5.517	4.893	4.622	4.699	5.032	5.452	5.757	5.760	5.339	4.471
6061	60.60	3.239	1.817	0.431	-0.690	-1.365	-1.503	-1.133	-0.403	0.443	1.125
6071	60.70	1.396	1.118	0.311	-0.849	-2.073	-3.056	-3.583	-3.609	-3.281	-2.888
6081	60.80	-2.756	-3.116	-4.024	-5.321	-6.696	-7.803	-8.392	-8.397	-7.955	-7.334
6091	60.90	-6.808	-6.542	-6.521	-6.566	-6.425	-5.894	-4.925	-3.654	-2.354	-1.327
6101	61.00	-0.790	-0.793	-1.227	-1.884	-2.557	-3.121	-3.548	-3.874	-4.118	-4.224
6111	61.10	-4.056	-3.451	-2.323	-0.744	1.037	2.663	3.800	4.281	4.192	3.844
6121	61.20	3.649	3.943	4.827	6.116	7.406	8.242	8.318	7.608	6.385	5.106
6131	61.30	4.226	4.002	4.398	5.089	5.604	5.502	4.542	2.764	0.465	-1.912
6141	61.40	-3.925	-5.257	-5.774	-5.525	-4.674	-3.426	-1.964	-0.427	1.089	2.499
6151	61.50	3.711	4.621	5.132	5.188	4.813	4.124	3.325	2.652	2.310	2.397
6161	61.60	2.861	3.500	4.019	4.124	3.635	2.557	1.095	-0.412	-1.606	-2.240
6171	61.70	-2.264	-1.834	-1.235	-0.757	-0.573	-0.670	-0.878	-0.968	-0.771	-0.281
6181	61.80	0.331	0.785	0.818	0.297	-0.717	-1.998	-3.251	-4.234	-4.840	-5.113
6191	61.90	-5.181	-5.160	-5.071	-4.828	-4.290	-3.371	-2.121	-0.765	0.363	0.940
6201	62.00	0.792	-0.023	-1.221	-2.399	-3.182	-3.364	-2.965	-2.198	-1.352	-0.660
6211	62.10	-0.206	0.089	0.394	0.858	1.510	2.229	2.785	2.950	2.607	1.820
6221	62.20	0.821	-0.067	-0.555	-0.496	0.060	0.888	1.667	2.091	1.965	1.254
6231	62.30	0.075	-1.349	-2.766	-3.958	-4.791	-5.226	-5.306	-5.120	-4.766	-4.315
6241	62.40	-3.796	-3.197	-2.486	-1.639	-0.674	0.340	1.291	2.053	2.529	2.684
6251	62.50	2.562	2.269	1.940	1.699	1.628	1.758	2.075	2.539	3.098	3.687
6261	62.60	4.222	4.601	4.712	4.466	3.835	2.878	1.745	0.638	-0.247	-0.778
6271	62.70	-0.922	-0.739	-0.337	0.178	0.749	1.368	2.056	2.814	3.595	4.298
6281	62.80	4.798	4.994	4.840	4.353	3.593	2.621	1.479	0.191	-1.207	-2.623
6291	62.90	-3.896	-4.818	-5.199	-4.942	-4.101	-2.877	-1.566	-0.455	0.268	0.566
6301	63.00	0.544	0.376	0.222	0.156	0.143	0.062	-0.227	-0.821	-1.734	-2.880
6311	63.10	-4.101	-5.200	-5.988	-6.318	-6.120	-5.422	-4.345	-3.090	-1.881	-0.903
6321	63.20	-0.244	0.133	0.365	0.616	0.994	1.481	1.935	2.152	1.970	1.365
6331	63.30	0.485	-0.406	-1.034	-1.243	-1.068	-0.705	-0.413	-0.372	-0.585	-0.873
6341	63.40	-0.970	-0.660	0.096	1.134	2.151	2.858	3.116	2.998	2.740	2.604
6351	63.50	2.724	3.022	3.232	3.029	2.193	0.735	-1.092	-2.889	-4.282	-5.061
6361	63.60	-5.246	-5.033	-4.674	-4.333	-4.018	-3.600	-2.908	-1.843	-0.454	1.081
6371	63.70	2.532	3.726	4.623	5.306	5.911	6.519	7.085	7.434	7.338	6.632
6381	63.80	5.325	3.628	1.905	0.551	-0.147	-0.107	0.532	1.469	2.364	2.955
6391	63.90	3.137	2.970	2.627	2.300	2.114	2.069	2.043	1.847	1.303	0.327
6401	64.00	-1.031	-2.588	-4.087	-5.288	-6.045	-6.356	-6.348	-6.212	-6.111	-6.107
6411	64.10	-6.140	-6.071	-5.773	-5.221	-4.537	-3.964	-3.759	-4.066	-4.827	-5.768
6421	64.20	-6.495	-6.647	-6.059	-4.836	-3.325	-1.967	-1.109	-0.844	-0.962	-1.038
6431	64.30	-0.611	0.609	2.607	5.054	7.429	9.223	10.131	10.159	9.597	8.882
6441	64.40	8.407	8.358	8.649	8.975	8.959	8.317	6.987	5.155	3.185	1.476
6451	64.50	0.314	-0.227	-0.295	-0.183	-0.206	-0.574	-1.322	-2.312	-3.306	-4.072
6461	64.60	-4.478	-4.538	-4.388	-4.220	-4.192	-4.365	-4.688	-5.036	-5.285	-5.375
6471	64.70	-5.348	-5.333	-5.484	-5.907	-6.602	-7.450	-8.247	-8.775	-8.873	-8.488
6481	64.80	-7.678	-6.585	-5.370	-4.161	-3.023	-1.952	-0.904	0.167	1.271	2.368
6491	64.90	3.373	4.176	4.677	4.819	4.607	4.120	3.492	2.893	2.486	2.395

Table 7-84-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	2.675	3.307	4.206	5.244	6.284	7.202	7.899	8.303	8.358	8.030
6511	65.10	7.316	6.257	4.957	3.584	2.336	1.405	0.921	0.912	1.303	1.940
6521	65.20	2.644	3.266	3.722	4.002	4.141	4.191	4.193	4.168	4.125	4.081
6531	65.30	4.058	4.077	4.129	4.159	4.063	3.724	3.059	2.063	0.831	-0.472
6541	65.40	-1.670	-2.642	-3.368	-3.922	-4.428	-4.985	-5.616	-6.250	-6.762	-7.041
6551	65.50	-7.047	-6.842	-6.551	-6.307	-6.179	-6.148	-6.128	-6.030	-5.830	-5.598
6561	65.60	-5.471	-5.573	-5.929	-6.414	-6.777	-6.727	-6.064	-4.772	-3.044	-1.222
6571	65.70	0.329	1.360	1.814	1.823	1.629	1.467	1.471	1.646	1.905	2.148
6581	65.80	2.340	2.532	2.823	3.287	3.909	4.560	5.050	5.211	4.991	4.494
6591	65.90	3.946	3.608	3.657	4.110	4.814	5.508	5.928	5.911	5.441	4.635
6601	66.00	3.670	2.701	1.812	1.002	0.232	-0.520	-1.223	-1.799	-2.155	-2.246
6611	66.10	-2.103	-1.832	-1.564	-1.396	-1.343	-1.332	-1.243	-0.975	-0.503	0.102
6621	66.20	0.693	1.115	1.270	1.159	0.877	0.567	0.362	0.323	0.426	0.580
6631	66.30	0.672	0.614	0.370	-0.043	-0.575	-1.174	-1.799	-2.421	-3.017	-3.554
6641	66.40	-3.985	-4.267	-4.372	-4.306	-4.104	-3.820	-3.497	-3.156	-2.788	-2.375
6651	66.50	-1.911	-1.426	-0.993	-0.710	-0.676	-0.957	-1.566	-2.450	-3.503	-4.580
6661	66.60	-5.519	-6.167	-6.411	-6.206	-5.606	-4.764	-3.914	-3.306	-3.126	-3.418
6671	66.70	-4.047	-4.732	-5.139	-5.006	-4.256	-3.035	-1.655	-0.470	0.276	0.556
6681	66.80	0.567	0.633	1.050	1.936	3.174	4.461	5.455	5.946	5.960	5.754
6691	66.90	5.691	6.063	6.936	8.107	9.196	9.819	9.775	9.138	8.224	7.429
6701	67.00	7.031	7.051	7.230	7.163	6.497	5.120	3.237	1.291	-0.226	-0.993
6711	67.10	-1.007	-0.582	-0.206	-0.318	-1.119	-2.487	-4.045	-5.340	-6.042	-6.083
6721	67.20	-5.662	-5.131	-4.815	-4.859	-5.173	-5.489	-5.507	-5.046	-4.135	-2.995
6731	67.30	-1.932	-1.185	-0.819	-0.695	-0.548	-0.117	0.722	1.890	3.137	4.154
6741	67.40	4.710	4.759	4.455	4.080	3.915	4.105	4.594	5.154	5.480	5.337
6751	67.50	4.664	3.603	2.437	1.466	0.872	0.644	0.587	0.413	-0.115	-1.079
6761	67.60	-2.355	-3.663	-4.686	-5.196	-5.144	-4.671	-4.033	-3.496	-3.228	-3.256
6771	67.70	-3.489	-3.791	-4.057	-4.261	-4.443	-4.648	-4.874	-5.031	-4.972	-4.561
6781	67.80	-3.750	-2.624	-1.386	-0.278	0.516	0.947	1.117	1.231	1.499	2.043
6791	67.90	2.848	3.779	4.645	5.285	5.624	5.687	5.567	5.373	5.182	5.025
6801	68.00	4.903	4.804	4.719	4.636	4.518	4.293	3.873	3.192	2.255	1.168
6811	68.10	0.109	-0.729	-1.233	-1.425	-1.460	-1.560	-1.898	-2.503	-3.234	-3.840
6821	68.20	-4.079	-3.857	-3.285	-2.649	-2.279	-2.384	-2.940	-3.675	-4.185	-4.109
6831	68.30	-3.298	-1.886	-0.244	1.184	2.063	2.297	2.043	1.615	1.321	1.330
6841	68.40	1.612	1.990	2.259	2.306	2.171	2.013	2.014	2.261	2.685	3.080
6851	68.50	3.190	2.835	1.992	0.809	-0.456	-1.542	-2.279	-2.628	-2.661	-2.496
6861	68.60	-2.230	-1.907	-1.530	-1.102	-0.666	-0.307	-0.120	-0.155	-0.371	-0.637
6871	68.70	-0.788	-0.700	-0.363	0.098	0.469	0.540	0.211	-0.454	-1.240	-1.859
6881	68.80	-2.076	-1.808	-1.154	-0.353	0.322	0.689	0.726	0.582	0.494	0.672
6891	68.90	1.192	1.953	2.707	3.168	3.130	2.561	1.620	0.592	-0.227	-0.661
6901	69.00	-0.721	-0.605	-0.610	-1.006	-1.913	-3.243	-4.723	-5.990	-6.721	-6.755
6911	69.10	-6.138	-5.103	-3.977	-3.063	-2.546	-2.446	-2.641	-2.937	-3.148	-3.154
6921	69.20	-2.926	-2.497	-1.923	-1.248	-0.484	0.362	1.270	2.177	2.984	3.589
6931	69.30	3.930	4.024	3.970	3.906	3.950	4.131	4.357	4.436	4.150	3.347
6941	69.40	2.024	0.349	-1.375	-2.814	-3.712	-3.980	-3.713	-3.144	-2.562	-2.105
6951	69.50	-1.897	-1.843	-1.786	-1.580	-1.160	-0.573	0.057	0.599	0.988	1.263
6961	69.60	1.540	1.944	2.521	3.188	3.737	3.907	3.494	2.445	0.904	-0.826
6971	69.70	-2.376	-3.434	-3.838	-3.612	-2.921	-1.990	-1.005	-0.056	0.866	1.820
6981	69.80	2.843	3.902	4.875	5.592	5.896	5.713	5.077	4.126	3.051	2.031
6991	69.90	1.187	0.558	0.119	-0.189	-0.411	-0.560	-0.610	-0.519	-0.256	0.168

Table 7-84-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	0.690	1.204	1.586	1.728	1.575	1.149	0.547	-0.081	-0.571	-0.793
7011	70.10	-0.694	-0.311	0.244	0.829	1.322	1.668	1.886	2.048	2.231	2.461
7021	70.20	2.688	2.799	2.661	2.191	1.404	0.423	-0.558	-1.342	-1.799	-1.912
7031	70.30	-1.776	-1.547	-1.381	-1.381	-1.568	-1.895	-2.285	-2.663	-2.977	-3.199
7041	70.40	-3.304	-3.272	-3.089	-2.771	-2.384	-2.037	-1.851	-1.899	-2.156	-2.487
7051	70.50	-2.678	-2.530	-1.946	-1.002	0.070	0.956	1.395	1.288	0.750	0.065
7061	70.60	-0.436	-0.524	-0.180	0.392	0.853	0.879	0.310	-0.766	-2.044	-3.121
7071	70.70	-3.660	-3.527	-2.834	-1.888	-1.054	-0.607	-0.628	-0.986	-1.409	-1.612
7081	70.80	-1.411	-0.791	0.098	1.016	1.736	2.122	2.167	1.969	1.668	1.379
7091	70.90	1.148	0.943	0.691	0.326	-0.172	-0.757	-1.334	-1.795	-2.056	-2.079
7101	71.00	-1.872	-1.474	-0.930	-0.280	0.440	1.186	1.896	2.484	2.865	2.984
7111	71.10	2.843	2.514	2.115	1.772	1.562	1.483	1.452	1.344	1.058	0.571
7121	71.20	-0.031	-0.580	-0.880	-0.789	-0.269	0.590	1.605	2.564	3.290	3.687
7131	71.30	3.745	3.507	3.041	2.399	1.623	0.750	-0.159	-1.018	-1.732	-2.228
7141	71.40	-2.483	-2.541	-2.484	-2.392	-2.296	-2.161	-1.902	-1.433	-0.727	0.144
7151	71.50	1.020	1.696	1.997	1.839	1.253	0.373	-0.619	-1.548	-2.284	-2.752
7161	71.60	-2.917	-2.766	-2.302	-1.560	-0.624	0.360	1.210	1.761	1.928	1.752
7171	71.70	1.388	1.054	0.933	1.090	1.438	1.775	1.869	1.566	0.864	-0.086
7181	71.80	-1.047	-1.798	-2.225	-2.356	-2.326	-2.287	-2.320	-2.389	-2.361	-2.083
7191	71.90	-1.480	-0.610	0.340	1.127	1.561	1.587	1.311	0.955	0.753	0.854
7201	72.00	1.259	1.832	2.369	2.700	2.757	2.600	2.376	2.246	2.307	2.554
7211	72.10	2.886	3.166	3.272	3.156	2.848	2.434	2.011	1.646	1.358	1.118
7221	72.20	0.875	0.581	0.209	-0.239	-0.745	-1.282	-1.822	-2.340	-2.816	-3.236
7231	72.30	-3.586	-3.861	-4.056	-4.167	-4.189	-4.111	-3.931	-3.665	-3.355	-3.075
7241	72.40	-2.906	-2.907	-3.082	-3.354	-3.581	-3.597	-3.269	-2.563	-1.563	-0.562
7251	72.50	0.504	1.136	1.344	1.178	0.805	0.446	0.286	0.416	0.798	1.298
7261	72.60	1.742	1.992	1.990	1.774	1.449	1.139	0.931	0.853	0.875	0.933
7271	72.70	0.969	0.956	0.899	0.825	0.747	0.651	0.488	0.197	-0.262	-0.873
7281	72.80	-1.547	-2.139	-2.486	-2.466	-2.040	-1.281	-0.354	0.525	1.157	1.418
7291	72.90	1.297	0.894	0.389	-0.013	-0.140	0.101	0.710	1.594	2.598	3.542
7301	73.00	4.265	4.655	4.670	4.348	3.790	3.142	2.555	2.152	1.995	2.072
7311	73.10	2.301	2.552	2.689	2.606	2.254	1.657	0.900	0.109	-0.579	-1.058
7321	73.20	-1.269	-1.226	-1.005	-0.733	-0.551	-0.577	-0.868	-1.403	-2.089	-2.789
7331	73.30	-3.370	-3.753	-3.927	-3.953	-3.921	-3.907	-3.939	-3.985	-3.987	-3.899
7341	73.40	-3.732	-3.556	-3.471	-3.549	-3.777	-4.041	-4.156	-3.945	-3.326	-2.366
7351	73.50	-1.280	-0.348	0.195	0.261	-0.046	-0.469	-0.701	-0.511	0.166	1.206
7361	73.60	2.357	3.343	3.975	4.202	4.105	3.831	3.515	3.226	2.958	2.672
7371	73.70	2.351	2.033	1.814	1.794	2.024	2.460	2.972	3.388	3.566	3.455
7381	73.80	3.110	2.666	2.272	2.020	1.909	1.848	1.704	1.362	0.783	0.025
7391	73.90	-0.773	-1.437	-1.817	-1.830	-1.490	-0.900	-0.229	0.337	0.644	0.618
7401	74.00	0.288	-0.222	-0.729	-1.060	-1.115	-0.917	-0.607	-0.391	-0.455	-0.873
7411	74.10	-1.569	-2.335	-2.912	-3.103	-2.861	-2.310	-1.698	-1.281	-1.218	-1.498
7421	74.20	-1.965	-2.392	-2.602	-2.568	-2.330	-2.129	-2.109	-2.324	-2.695	-3.053
7431	74.30	-3.237	-3.190	-2.988	-2.797	-2.772	-2.951	-3.208	-3.296	-2.960	-2.082
7441	74.40	-0.764	0.680	1.845	2.404	2.252	1.568	0.747	0.237	0.366	1.204
7451	74.50	2.547	4.010	5.183	5.785	5.747	5.208	4.422	3.649	3.060	2.703
7461	74.60	2.531	2.462	2.433	2.420	2.433	2.475	2.523	2.519	2.397	2.120
7471	74.70	1.703	1.220	0.773	0.455	0.311	0.324	0.426	0.531	0.568	0.510
7481	74.80	0.381	0.248	0.193	0.292	0.584	1.064	1.672	2.304	2.838	3.161
7491	74.90	3.206	2.976	2.544	2.028	1.551	1.194	0.962	0.797	0.603	0.307

Table 7-84-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.102	-0.554	-0.931	-1.119	-1.070	-0.839	-0.576	-0.472	-0.686	-1.278
7511	75.10	-2.183	-3.235	-4.222	-4.969	-5.385	-5.484	-5.363	-5.151	-4.958	-4.839
7521	75.20	-4.791	-4.767	-4.704	-4.547	-4.267	-3.857	-3.337	-2.741	-2.118	-1.527
7531	75.30	-1.024	-0.648	-0.406	-0.260	-0.135	0.061	0.407	0.932	1.604	2.328
7541	75.40	2.978	3.437	3.638	3.582	3.340	3.027	2.752	2.590	2.546	2.563
7551	75.50	2.536	2.357	1.954	1.315	0.505	-0.355	-1.122	-1.673	-1.936	-1.911
7561	75.60	-1.658	-1.277	-0.868	-0.507	-0.225	-0.020	0.133	0.260	0.375	0.480
7571	75.70	0.572	0.655	0.740	0.843	0.972	1.115	1.238	1.301	1.270	1.139
7581	75.80	0.928	0.674	0.406	0.127	-0.189	-0.582	-1.071	-1.629	-2.171	-2.584
7591	75.90	-2.766	-2.681	-2.385	-2.014	-1.735	-1.678	-1.880	-2.264	-2.678	-2.956
7601	76.00	-2.998	-2.810	-2.498	-2.217	-2.098	-2.181	-2.404	-2.631	-2.715	-2.565
7611	76.10	-2.179	-1.634	-1.041	-0.486	-0.004	0.426	0.861	1.249	1.606	1.826
7621	76.20	1.829	1.596	1.206	0.822	0.632	0.775	1.271	2.008	2.781	3.385
7631	76.30	3.698	3.731	3.622	3.565	3.716	4.117	4.680	5.221	5.550	5.551
7641	76.40	5.231	4.708	4.169	3.688	3.370	3.142	2.893	2.524	2.005	1.399
7651	76.50	0.831	0.424	0.241	0.252	0.348	0.400	0.320	0.103	-0.175	-0.399
7661	76.60	-0.479	-0.400	-0.228	-0.080	-0.070	-0.255	-0.611	-1.060	-1.510	-1.905
7671	76.70	-2.248	-2.585	-2.965	-3.392	-3.811	-4.122	-4.234	-4.119	-3.839	-3.530
7681	76.80	-3.347	-3.389	-3.647	-4.007	-4.290	-4.338	-4.086	-3.592	-3.011	-2.525
7691	76.90	-2.259	-2.232	-2.348	-2.454	-2.406	-2.143	-1.704	-1.204	-0.770	-0.483
7701	77.00	-0.336	-0.249	-0.114	0.151	0.553	1.027	1.465	1.770	1.903	1.902
7711	77.10	1.869	1.928	2.177	2.655	3.331	4.117	4.905	5.589	6.098	6.398
7721	77.20	6.496	6.423	6.226	5.946	5.610	5.224	4.769	4.215	3.538	2.737
7731	77.30	1.849	0.947	0.118	-0.559	-1.043	-1.344	-1.516	-1.636	-1.769	-1.949
7741	77.40	-2.172	-2.410	-2.633	-2.827	-3.005	-3.193	-3.411	-3.656	-3.894	-4.069
7751	77.50	-4.126	-4.025	-3.757	-3.335	-2.787	-2.143	-1.434	-0.696	0.020	0.642
7761	77.60	1.094	1.315	1.286	1.044	0.675	0.286	-0.039	-0.266	-0.424	-0.579
7771	77.70	-0.800	-1.110	-1.468	-1.779	-1.928	-1.837	-1.497	-0.986	-0.436	0.009
7781	77.80	0.252	0.272	0.130	-0.061	-0.180	-0.140	0.079	0.441	0.866	1.267
7791	77.90	1.579	1.768	1.831	1.783	1.638	1.405	1.089	0.700	0.267	-0.157
7801	78.00	-0.502	-0.705	-0.726	-0.576	-0.308	-0.012	0.223	0.341	0.335	0.257
7811	78.10	0.182	0.184	0.291	0.472	0.644	0.708	0.590	0.272	-0.197	-0.717
7821	78.20	-1.181	-1.508	-1.671	-1.693	-1.623	-1.514	-1.392	-1.262	-1.120	-0.972
7831	78.30	-0.844	-0.772	-0.779	-0.850	-0.918	-0.886	-0.661	-0.203	0.448	1.173
7841	78.40	1.814	2.233	2.362	2.230	1.944	1.643	1.444	1.400	1.491	1.653
7851	78.50	1.814	1.930	1.987	1.994	1.953	1.836	1.592	1.170	0.556	-0.203
7861	78.60	-0.998	-1.695	-2.175	-2.385	-2.348	-2.146	-1.876	-1.604	-1.340	-1.044
7871	78.70	-0.663	-0.175	0.382	0.917	1.317	1.500	1.451	1.231	0.948	0.706
7881	78.80	0.557	0.484	0.410	0.255	-0.023	-0.384	-0.720	-0.894	-0.799	-0.414
7891	78.90	0.182	0.827	1.337	1.565	1.450	1.030	0.415	-0.260	-0.882	-1.394
7901	79.00	-1.799	-2.132	-2.432	-2.716	-2.964	-3.134	-3.178	-3.068	-2.807	-2.433
7911	79.10	-2.004	-1.584	-1.223	-0.951	-0.777	-0.689	-0.666	-0.684	-0.727	-0.788
7921	79.20	-0.872	-0.987	-1.138	-1.307	-1.450	-1.494	-1.352	-0.945	-0.237	0.745
7931	79.30	1.902	3.083	4.121	4.876	5.273	5.321	5.096	4.715	4.291	3.901
7941	79.40	3.577	3.303	3.047	2.780	2.495	2.204	1.935	1.712	1.548	1.441
7951	79.50	1.378	1.349	1.349	1.381	1.445	1.532	1.618	1.671	1.652	1.532
7961	79.60	1.297	0.953	0.520	0.028	-0.488	-0.994	-1.460	-1.863	-2.190	-2.442
7971	79.70	-2.632	-2.779	-2.899	-2.992	-3.037	-2.997	-2.832	-2.523	-2.090	-1.589
7981	79.80	-1.101	-0.706	-0.452	-0.342	-0.340	-0.390	-0.450	-0.506	-0.577	-0.689
7991	79.90	-0.853	-1.034	-1.161	-1.148	-0.936	-0.529	-0.007	0.505	0.880	1.045

Table 7-84-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	1.010	0.864	0.727	0.693	0.777	0.911	0.966	0.824	0.431	-0.161
8011	80.10	-0.815	-1.362	-1.676	-1.726	-1.598	-1.449	-1.443	-1.675	-2.127	-2.672
8021	80.20	-3.130	-3.336	-3.206	-2.769	-2.145	-1.496	-0.957	-0.591	-0.378	-0.236
8031	80.30	-0.067	0.193	0.548	0.949	1.313	1.571	1.695	1.706	1.669	1.657
8041	80.40	1.723	1.878	2.092	2.304	2.456	2.512	2.474	2.374	2.263	2.181
8051	80.50	2.142	2.130	2.103	2.014	1.831	1.551	1.194	0.799	0.398	0.002
8061	80.60	-0.402	-0.844	-1.351	-1.925	-2.533	-3.114	-3.593	-3.911	-4.051	-4.038
8071	80.70	-3.934	-3.810	-3.713	-3.653	-3.598	-3.494	-3.293	-2.978	-2.572	-2.125
8081	80.80	-1.692	-1.302	-0.949	-0.591	-0.181	0.308	0.861	1.423	1.917	2.280
8091	80.90	2.492	2.586	2.630	2.695	2.818	2.980	3.112	3.128	2.961	2.600
8101	81.00	2.095	1.537	1.018	0.596	0.277	0.027	-0.199	-0.422	-0.612	-0.703
8111	81.10	-0.620	-0.326	0.156	0.736	1.290	1.706	1.931	1.981	1.935	1.885
8121	81.20	1.893	1.958	2.016	1.971	1.740	1.292	0.667	-0.043	-0.725	-1.282
8131	81.30	-1.665	-1.874	-1.935	-1.885	-1.743	-1.511	-1.181	-0.751	-0.263	0.299
8141	81.40	0.818	1.255	1.569	1.739	1.767	1.668	1.468	1.201	0.903	0.612
8151	81.50	0.358	0.155	-0.005	-0.158	-0.347	-0.605	-0.935	-1.294	-1.606	-1.787
8161	81.60	-1.776	-1.572	-1.234	-0.870	-0.600	-0.511	-0.630	-0.916	-1.282	-1.629
8171	81.70	-1.881	-2.007	-2.019	-1.952	-1.841	-1.701	-1.524	-1.291	-0.990	-0.630
8181	81.80	-0.247	0.111	0.406	0.623	0.783	0.928	1.107	1.344	1.628	1.913
8191	81.90	2.131	2.225	2.170	1.988	1.740	1.501	1.334	1.259	1.251	1.250
8201	82.00	1.195	1.050	0.827	0.586	0.408	0.363	0.475	0.712	0.989	1.207
8211	82.10	1.288	1.203	0.984	0.700	0.426	0.209	0.049	-0.100	-0.302	-0.610
8221	82.20	-1.042	-1.567	-2.124	-2.641	-3.064	-3.362	-3.535	-3.595	-3.552	-3.411
8231	82.30	-3.168	-2.825	-2.397	-1.912	-1.408	-0.917	-0.456	-0.023	0.390	0.787
8241	82.40	1.153	1.453	1.647	1.706	1.636	1.480	1.310	1.202	1.209	1.338
8251	82.50	1.549	1.773	1.935	1.987	1.917	1.752	1.542	1.336	1.167	1.041
8261	82.60	0.942	0.844	0.722	0.561	0.357	0.113	-0.160	-0.450	-0.738	-1.002
8271	82.70	-1.214	-1.352	-1.411	-1.405	-1.377	-1.381	-1.470	-1.667	-1.958	-2.284
8281	82.80	-2.564	-2.719	-2.702	-2.515	-2.210	-1.865	-1.551	-1.307	-1.122	-0.949
8291	82.90	-0.731	-0.433	-0.064	0.329	0.677	0.937	1.108	1.247	1.440	1.766
8301	83.00	2.247	2.836	3.421	3.871	4.094	4.069	3.862	3.588	3.358	3.229
8311	83.10	3.176	3.109	2.926	2.568	2.055	1.486	0.988	0.661	0.524	0.504
8321	83.20	0.473	0.314	-0.026	-0.506	-1.013	-1.427	-1.684	-1.817	-1.946	-2.213
8331	83.30	-2.715	-3.438	-4.254	-4.971	-5.412	-5.494	-5.262	-4.858	-4.450	-4.147
8341	83.40	-3.950	-3.750	-3.400	-2.792	-1.928	-0.933	-0.007	0.662	0.980	0.987
8351	83.50	0.837	0.718	0.766	1.004	1.340	1.619	1.709	1.571	1.286	1.014
8361	83.60	0.925	1.114	1.561	2.136	2.663	2.996	3.081	2.966	2.768	2.606
8371	83.70	2.538	2.532	2.486	2.274	1.817	1.120	0.278	-0.556	-1.232	-1.650
8381	83.80	-1.787	-1.698	-1.478	-1.227	-1.017	-0.880	-0.812	-0.791	-0.790	-0.792
8391	83.90	-0.783	-0.756	-0.703	-0.618	-0.503	-0.370	-0.239	-0.139	-0.094	-0.109
8401	84.00	-0.173	-0.249	-0.290	-0.248	-0.088	0.196	0.579	1.003	1.391	1.665
8411	84.10	1.772	1.699	1.484	1.201	0.943	0.777	0.727	0.752	0.767	0.672
8421	84.20	0.396	-0.067	-0.654	-1.249	-1.727	-2.000	-2.049	-1.925	-1.723	-1.543
8431	84.30	-1.446	-1.439	-1.480	-1.512	-1.490	-1.406	-1.290	-1.190	-1.140	-1.144
8441	84.40	-1.165	-1.147	-1.040	-0.822	-0.513	-0.162	0.176	0.465	0.701	0.912
8451	84.50	1.138	1.405	1.709	2.016	2.271	2.421	2.444	2.351	2.184	1.998
8461	84.60	1.836	1.714	1.616	1.507	1.349	1.119	0.818	0.468	0.100	-0.258
8471	84.70	-0.589	-0.888	-1.150	-1.365	-1.514	-1.571	-1.521	-1.371	-1.161	-0.953
8481	84.80	-0.817	-0.807	-0.939	-1.185	-1.487	-1.779	-2.012	-2.170	-2.269	-2.336
8491	84.90	-2.384	-2.394	-2.316	-2.082	-1.639	-0.980	-0.153	0.744	1.591	2.286

Table 7-84-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	2.774	3.055	3.175	3.203	3.192	3.167	3.115	3.006	2.812	2.531
8511	85.10	2.200	1.886	1.666	1.602	1.720	1.992	2.349	2.691	2.918	2.954
8521	85.20	2.768	2.376	1.836	1.228	0.634	0.116	-0.292	-0.581	-0.763	-0.857
8531	85.30	-0.880	-0.846	-0.765	-0.649	-0.514	-0.374	-0.245	-0.132	-0.040	0.028
8541	85.40	0.064	0.050	-0.041	-0.228	-0.515	-0.879	-1.273	-1.636	-1.916	-2.081
8551	85.50	-2.135	-2.105	-2.030	-1.960	-1.849	-1.754	-1.648	-1.531	-1.418	-1.336
8561	85.60	-1.309	-1.348	-1.441	-1.560	-1.672	-1.755	-1.803	-1.823	-1.823	-1.799
8571	85.70	-1.734	-1.609	-1.418	-1.177	-0.929	-0.721	-0.587	-0.525	-0.503	-0.475
8581	85.80	-0.412	-0.327	-0.271	-0.309	-0.482	-0.765	-1.067	-1.253	-1.205	-0.875
8591	85.90	-0.318	0.321	0.866	1.175	1.205	1.023	0.777	0.631	0.690	0.967
8601	86.00	1.376	1.783	2.056	2.125	1.994	1.730	1.429	1.170	0.995	0.905
8611	86.10	0.871	0.857	0.827	0.756	0.624	0.419	0.138	-0.199	-0.553	-0.865
8621	86.20	-1.078	-1.156	-1.103	-0.963	-0.799	-0.667	-0.589	-0.541	-0.470	-0.320
8631	86.30	-0.066	0.272	0.633	0.941	1.138	1.210	1.190	1.142	1.130	1.189
8641	86.40	1.315	1.471	1.603	1.670	1.652	1.555	1.405	1.231	1.059	0.911
8651	86.50	0.804	0.757	0.780	0.871	1.004	1.126	1.166	1.057	0.758	0.276
8661	86.60	-0.333	-0.977	-1.557	-1.995	-2.255	-2.350	-2.327	-2.248	-2.165	-2.107
8671	86.70	-2.078	-2.061	-2.031	-1.963	-1.842	-1.659	-1.418	-1.129	-0.814	-0.505
8681	86.80	-0.238	-0.051	0.038	0.031	-0.038	-0.114	-0.136	-0.057	0.138	0.427
8691	86.90	0.759	1.073	1.320	1.483	1.578	1.643	1.717	1.819	1.941	2.050
8701	87.00	2.100	2.062	1.928	1.722	1.482	1.249	1.045	0.869	0.704	0.534
8711	87.10	0.355	0.186	0.058	-0.003	0.002	0.034	0.026	-0.098	-0.391	-0.853
8721	87.20	-1.422	-1.988	-2.428	-2.637	-2.570	-2.246	-1.738	-1.153	-0.588	-0.116
8731	87.30	0.228	0.438	0.522	0.487	0.333	0.058	-0.331	-0.807	-1.317	-1.798
8741	87.40	-2.183	-2.422	-2.491	-2.394	-2.153	-1.800	-1.372	-0.907	-0.449	-0.051
8751	87.50	0.234	0.359	0.306	0.093	-0.220	-0.546	-0.891	-0.926	-0.909	-0.784
8761	87.60	-0.609	-0.438	-0.294	-0.161	0.008	0.262	0.622	1.066	1.530	1.935
8771	87.70	2.218	2.355	2.376	2.343	2.322	2.358	2.453	2.571	2.662	2.681
8781	87.80	2.611	2.460	2.254	2.015	1.753	1.466	1.155	0.843	0.578	0.429
8791	87.90	0.459	0.695	1.109	1.613	2.091	2.431	2.568	2.503	2.294	2.028
8801	88.00	1.775	1.558	1.344	1.056	0.625	0.005	-0.775	-1.628	-2.429	-3.059
8811	88.10	-3.444	-3.577	-3.513	-3.344	-3.164	-3.032	-2.964	-2.931	-2.883	-2.777
8821	88.20	-2.593	-2.342	-2.054	-1.766	-1.501	-1.263	-1.044	-0.836	-0.649	-0.513
8831	88.30	-0.474	-0.579	-0.852	-1.283	-1.818	-2.378	-2.872	-3.229	-3.409	-3.409
8841	88.40	-3.260	-3.004	-2.686	-2.338	-1.977	-1.609	-1.238	-0.862	-0.498	-0.156
8851	88.50	0.152	0.419	0.641	0.824	0.978	1.114	1.243	1.376	1.521	1.683
8861	88.60	1.863	2.060	2.272	2.491	2.711	2.921	3.108	3.259	3.364	3.417
8871	88.70	3.420	3.380	3.303	3.192	3.039	2.833	2.564	2.237	1.880	1.548
8881	88.80	1.305	1.205	1.267	1.458	1.702	1.900	1.965	1.854	1.589	1.239
8891	88.90	0.901	0.652	0.526	0.499	0.508	0.479	0.359	0.137	-0.160	-0.483
8901	89.00	-0.790	-1.057	-1.287	-1.489	-1.665	-1.797	-1.852	-1.795	-1.618	-1.351
8911	89.10	-1.061	-0.831	-0.731	-0.789	-0.980	-1.239	-1.481	-1.638	-1.683	-1.631
8921	89.20	-1.531	-1.439	-1.395	-1.407	-1.450	-1.485	-1.472	-1.392	-1.245	-1.054
8931	89.30	-0.846	-0.643	-0.457	-0.289	-0.140	-0.020	0.051	0.043	-0.064	-0.268
8941	89.40	-0.537	-0.805	-0.995	-1.039	-0.904	-0.606	-0.209	0.204	0.552	0.789
8951	89.50	0.916	0.970	1.001	1.046	1.106	1.142	1.100	0.934	0.632	0.231
8961	89.60	-0.200	-0.576	-0.834	-0.942	-0.914	-0.787	-0.610	-0.423	-0.254	-0.121
8971	89.70	-0.039	-0.027	-0.102	-0.269	-0.508	-0.772	-0.995	-1.112	-1.077	-0.883
8981	89.80	-0.560	-0.163	0.242	0.598	0.862	1.011	1.035	0.935	0.730	0.456
8991	89.90	0.171	-0.057	-0.167	-0.129	0.045	0.298	0.550	0.731	0.805	0.784

Table 7-84-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.717	0.664	0.660	0.701	0.740	0.715	0.580	0.328	0.001	-0.334
9011	90.10	-0.614	-0.805	-0.920	-1.001	-1.099	-1.245	-1.431	-1.617	-1.753	-1.800
9021	90.20	-1.752	-1.633	-1.491	-1.371	-1.300	-1.282	-1.300	-1.327	-1.339	-1.316
9031	90.30	-1.240	-1.096	-0.871	-0.562	-0.185	0.221	0.598	0.888	1.056	1.107
9041	90.40	1.088	1.077	1.149	1.348	1.671	2.063	2.444	2.737	2.896	2.923
9051	90.50	2.856	2.755	2.667	2.615	2.585	2.546	2.460	2.305	2.085	1.825
9061	90.60	1.561	1.324	1.127	0.967	0.824	0.672	0.493	0.278	0.033	-0.228
9071	90.70	-0.686	-0.715	-0.901	-1.027	-1.083	-1.070	-1.002	-0.910	-0.830	-0.802
9081	90.80	-0.843	-0.942	-1.049	-1.090	-0.990	-0.703	-0.242	0.319	0.859	1.255
9091	90.90	1.429	1.379	1.186	0.979	0.882	0.960	1.180	1.432	1.569	1.481
9101	91.00	1.144	0.637	0.112	-0.277	-0.440	-0.391	-0.241	-0.136	-0.191	-0.433
9111	91.10	-0.791	-1.139	-1.369	-1.449	-1.450	-1.513	-1.776	-2.299	-3.021	-3.782
9121	91.20	-4.383	-4.676	-4.624	-4.312	-3.898	-3.528	-3.267	-3.071	-2.819	-2.389
9131	91.30	-1.735	-0.925	-0.124	0.483	0.778	0.770	0.605	0.495	0.636	1.110
9141	91.40	1.857	2.694	3.398	3.796	3.835	3.591	3.229	2.925	2.788	2.844
9151	91.50	3.023	3.214	3.318	3.290	3.142	2.918	2.660	2.379	2.049	1.629
9161	91.60	1.089	0.443	-0.250	-0.905	-1.446	-1.836	-2.095	-2.290	-2.501	-2.787
9171	91.70	-3.151	-3.542	-3.870	-4.046	-4.016	-3.783	-3.409	-2.984	-2.594	-2.289
9181	91.80	-2.064	-1.873	-1.652	-1.356	-0.977	-0.555	-0.158	0.152	0.341	0.428
9191	91.90	0.477	0.571	0.785	1.166	1.626	2.148	2.610	2.919	3.024	2.928
9201	92.00	2.684	2.373	2.078	1.851	1.703	1.601	1.483	1.289	0.979	0.555
9211	92.10	0.059	-0.441	-0.872	-1.190	-1.386	-1.493	-1.567	-1.656	-1.781	-1.921
9221	92.20	-2.027	-2.041	-1.932	-1.711	-1.432	-1.168	-0.977	-0.871	-0.813	-0.730
9231	92.30	-0.554	-0.256	0.134	0.535	0.852	1.020	1.035	0.961	0.898	0.936
9241	92.40	1.114	1.404	1.720	1.966	2.070	2.027	1.882	1.707	1.558	1.448
9251	92.50	1.340	1.173	0.902	0.523	0.083	-0.339	-0.672	-0.886	-1.004	-1.090
9261	92.60	-1.214	-1.414	-1.678	-1.947	-2.146	-2.219	-2.161	-2.015	-1.852	-1.740
9271	92.70	-1.707	-1.732	-1.758	-1.714	-1.555	-1.276	-0.915	-0.537	-0.206	0.036
9281	92.80	0.186	0.270	0.333	0.423	0.570	0.787	1.062	1.371	1.682	1.968
9291	92.90	2.206	2.390	2.522	2.612	2.673	2.710	2.717	2.678	2.572	2.381
9301	93.00	2.102	1.748	1.347	0.931	0.531	0.166	-0.152	-0.419	-0.625	-0.756
9311	93.10	-0.799	-0.754	-0.641	-0.506	-0.409	-0.403	-0.509	-0.705	-0.925	-1.084
9321	93.20	-1.112	-0.964	-0.733	-0.440	-0.204	-0.098	-0.146	-0.310	-0.511	-0.665
9331	93.30	-0.720	-0.670	-0.559	-0.448	-0.386	-0.386	-0.422	-0.449	-0.428	-0.357
9341	93.40	-0.270	-0.230	-0.290	-0.469	-0.737	-1.023	-1.249	-1.363	-1.358	-1.278
9351	93.50	-1.189	-1.148	-1.166	-1.207	-1.200	-1.077	-0.804	-0.403	0.059	0.492
9361	93.60	0.828	1.040	1.147	1.201	1.247	1.303	1.351	1.352	1.274	1.121
9371	93.70	0.942	0.814	0.810	0.963	1.241	1.557	1.795	1.856	1.695	1.341
9381	93.80	0.881	0.426	0.074	-0.126	-0.180	-0.137	-0.063	-0.014	-0.013	-0.049
9391	93.90	-0.089	-0.093	-0.027	0.120	0.341	0.608	0.883	1.122	1.284	1.336
9401	94.00	1.266	1.082	0.818	0.521	0.245	0.032	-0.099	-0.154	-0.166	-0.177
9411	94.10	-0.228	-0.345	-0.535	-0.783	-1.055	-1.313	-1.516	-1.631	-1.638	-1.538
9421	94.20	-1.351	-1.117	-0.887	-0.708	-0.617	-0.625	-0.720	-0.871	-1.038	-1.185
9431	94.30	-1.288	-1.338	-1.334	-1.285	-1.201	-1.096	-0.989	-0.905	-0.866	-0.883
9441	94.40	-0.945	-1.014	-1.031	-0.936	-0.691	-0.298	0.193	0.695	1.114	1.379
9451	94.50	1.464	1.398	1.247	1.089	0.988	0.969	1.024	1.122	1.229	1.323
9461	94.60	1.403	1.482	1.570	1.668	1.761	1.820	1.820	1.747	1.608	1.424
9471	94.70	1.228	1.044	0.884	0.746	0.613	0.468	0.298	0.105	-0.101	-0.303
9481	94.80	-0.483	-0.632	-0.754	-0.862	-0.974	-1.106	-1.260	-1.429	-1.592	-1.729
9491	94.90	-1.827	-1.890	-1.940	-2.008	-2.119	-2.276	-2.451	-2.594	-2.652	-2.590

Table 7-84-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	-2.411	-2.164	-1.918	-1.744	-1.675	-1.692	-1.733	-1.716	-1.579	-1.311
9511	95.10	-0.954	-0.588	-0.290	-0.098	0.009	0.097	0.245	0.497	0.842	1.207
9521	95.20	1.497	1.635	1.606	1.464	1.313	1.252	1.332	1.525	1.739	1.859
9531	95.30	1.802	1.563	1.212	0.869	0.645	0.593	0.683	0.822	0.897	0.836
9541	95.40	0.638	0.378	0.170	0.115	0.253	0.548	0.902	1.198	1.347	1.319
9551	95.50	1.146	0.896	0.643	0.436	0.287	0.181	0.098	0.028	-0.021	-0.032
9561	95.60	0.008	0.093	0.197	0.285	0.333	0.335	0.315	0.306	0.339	0.423
9571	95.70	0.539	0.643	0.690	0.646	0.505	0.294	0.056	-0.158	-0.309	-0.376
9581	95.80	-0.366	-0.301	-0.219	-0.157	-0.142	-0.187	-0.281	-0.391	-0.474	-0.485
9591	95.90	-0.399	-0.221	0.014	0.250	0.426	0.506	0.484	0.388	0.264	0.158
9601	96.00	0.098	0.083	0.096	0.118	0.140	0.169	0.219	0.297	0.387	0.450
9611	96.10	0.439	0.321	0.100	-0.184	-0.463	-0.673	-0.786	-0.824	-0.845	-0.918
9621	96.20	-1.081	-1.317	-1.553	-1.688	-1.638	-1.377	-0.953	-0.469	-0.045	0.235
9631	96.30	0.348	0.340	0.295	0.293	0.371	0.512	0.657	0.742	0.733	0.645
9641	96.40	0.534	0.466	0.481	0.572	0.684	0.745	0.698	0.537	0.310	0.101
9651	96.50	-0.010	0.019	0.171	0.376	0.544	0.604	0.531	0.360	0.159	0.002
9661	96.60	-0.070	-0.063	-0.024	-0.018	-0.095	-0.269	-0.511	-0.765	-0.974	-1.101
9671	96.70	-1.145	-1.128	-1.088	-1.052	-1.027	-1.003	-0.962	-0.894	-0.807	-0.723
9681	96.80	-0.670	-0.667	-0.710	-0.775	-0.821	-0.812	-0.723	-0.551	-0.315	-0.050
9691	96.90	0.203	0.408	0.529	0.545	0.443	0.228	-0.074	-0.423	-0.767	-1.058
9701	97.00	-1.264	-1.379	-1.423	-1.428	-1.425	-1.424	-1.416	-1.378	-1.287	-1.140
9711	97.10	-0.955	-0.767	-0.607	-0.487	-0.392	-0.283	-0.126	0.092	0.345	0.576
9721	97.20	0.719	0.734	0.626	0.450	0.293	0.236	0.316	0.517	0.773	1.001
9731	97.30	1.139	1.170	1.131	1.086	1.097	1.191	1.352	1.529	1.671	1.746
9741	97.40	1.767	1.776	1.825	1.943	2.117	2.297	2.409	2.390	2.216	1.909
9751	97.50	1.529	1.153	0.845	0.639	0.537	0.514	0.537	0.578	0.618	0.647
9761	97.60	0.662	0.657	0.629	0.577	0.508	0.438	0.386	0.367	0.387	0.437
9771	97.70	0.500	0.556	0.591	0.602	0.596	0.582	0.569	0.558	0.545	0.521
9781	97.80	0.479	0.409	0.304	0.151	-0.065	-0.360	-0.739	-1.193	-1.693	-2.193
9791	97.90	-2.640	-2.992	-3.227	-3.347	-3.375	-3.343	-3.277	-3.191	-3.083	-2.948
9801	98.00	-2.780	-2.584	-2.374	-2.169	-1.984	-1.823	-1.681	-1.546	-1.404	-1.248
9811	98.10	-1.077	-0.894	-0.701	-0.497	-0.276	-0.041	0.200	0.427	0.619	0.758
9821	98.20	0.847	0.909	0.985	1.113	1.313	1.572	1.839	2.066	2.125	2.040
9831	98.30	1.803	1.670	1.125	0.851	0.697	0.666	0.716	0.777	0.785	0.705
9841	98.40	0.544	0.346	0.171	0.066	0.045	0.084	0.129	0.120	0.016	-0.186
9851	98.50	-0.453	-0.724	-0.937	-1.049	-1.049	-0.956	-0.804	-0.627	-0.444	-0.257
9861	98.60	-0.061	0.141	0.329	0.468	0.519	0.459	0.300	0.088	-0.103	-0.203
9871	98.70	-0.168	-0.002	0.244	0.499	0.692	0.784	0.781	0.720	0.653	0.617
9881	98.80	0.617	0.631	0.624	0.568	0.462	0.335	0.230	0.187	0.220	0.312
9891	98.90	0.424	0.512	0.551	0.541	0.509	0.489	0.508	0.568	0.645	0.696
9901	99.00	0.681	0.575	0.378	0.118	-0.160	-0.404	-0.572	-0.635	-0.587	-0.447
9911	99.10	-0.253	-0.055	0.095	0.160	0.125	0.010	-0.145	-0.291	-0.392	-0.439
9921	99.20	-0.459	-0.494	-0.587	-0.753	-0.988	-1.177	-1.311	-1.321	-1.194	-0.959
9931	99.30	-0.673	-0.391	-0.143	0.071	0.276	0.496	0.727	0.931	1.046	1.012
9941	99.40	0.810	0.472	0.083	-0.250	-0.441	-0.457	-0.327	-0.127	0.053	0.152
9951	99.50	0.155	0.090	0.010	-0.045	-0.067	-0.076	-0.110	-0.190	-0.307	-0.418
9961	99.60	-0.467	-0.419	-0.279	-0.097	0.052	0.103	0.033	-0.126	-0.300	-0.412
9971	99.70	-0.418	-0.329	-0.210	-0.149	-0.213	-0.418	-0.718	-1.026	-1.254	-1.345
9981	99.80	-1.302	-1.170	-1.016	-0.890	-0.804	-0.727	-0.611	-0.424	-0.167	0.114
9991	99.90	0.369	0.478	0.473	0.351	0.169	-0.011	-0.141	-0.203	-0.213	-0.194

Table 7-84-21

TABLE OF CORRECTED ACCELERATION RECORD NO.21

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10001	100.00	-0.166	-0.127	-0.060	0.051	0.206	0.377	0.524	0.608	0.619	0.585
10011	100.10	0.562	0.609	0.757	0.990	1.248	1.451	1.533	1.475	1.313	1.120
10021	100.20	0.977	0.933	0.985	1.083	1.158	1.152	1.051	0.886	0.718	0.607
10031	100.30	0.581	0.625	0.687	0.702	0.624	0.446	0.206	-0.062	-0.232	-0.331
10041	100.40	-0.340	-0.299	-0.262	-0.277	-0.368	-0.524	-0.705	-0.858	-0.934	-0.905
10051	100.50	-0.776	-0.580	-0.367	-0.192	-0.091	-0.078	-0.133	-0.216	-0.283	-0.299
10061	100.60	-0.250	-0.148	-0.019	0.110	0.222	0.321	0.422	0.542	0.684	0.836
10071	100.70	0.966	1.045	1.055	1.002	0.913	0.825	0.763	0.735	0.722	0.692
10081	100.80	0.616	0.482	0.298	0.089	-0.122	-0.322	-0.516	-0.715	-0.927	-1.138
10091	100.90	-1.319	-1.429	-1.439	-1.347	-1.183	-0.999	-0.849	-0.762	-0.735	-0.735
10101	101.00	-0.720	-0.660	-0.557	-0.445	-0.375	-0.391	-0.513	-0.721	-0.969	-1.200
10111	101.10	-1.366	-1.443	-1.432	-1.354	-1.237	-1.109	-0.988	-0.890	-0.823	-0.789
10121	101.20	-0.786	-0.804	-0.828	-0.841	-0.836	-0.813	-0.781	-0.747	-0.707	-0.645
10131	101.30	-0.531	-0.342	-0.074	0.244	0.557	0.797	0.915	0.902	0.793	0.659
10141	101.40	0.574	0.590	0.713	0.905	1.103	1.249	1.308	1.282	1.201	1.106
10151	101.50	1.029	0.990	0.997	1.054	1.169	1.351	1.599	1.889	2.172	2.385
10161	101.60	2.470	2.397	2.183	1.882	1.565	1.290	1.082	0.921	0.761	0.558
10171	101.70	0.288	-0.032	-0.358	-0.641	-0.848	-0.978	-1.054	-1.112	-1.176	-1.245
10181	101.80	-1.298	-1.305	-1.252	-1.147	-1.021	-0.914	-0.855	-0.851	-0.883	-0.918
10191	101.90	-0.926	-0.889	-0.807	-0.688	-0.543	-0.376	-0.187	0.018	0.225	0.409
10201	102.00	0.542	0.610	0.621	0.610	0.615	0.666	0.756	0.846	0.875	0.789
10211	102.10	0.574	0.265	-0.058	-0.306	-0.416	-0.377	-0.238	-0.082	0.008	-0.013
10221	102.20	-0.140	-0.318	-0.482	-0.581	-0.606	-0.586	-0.569	-0.597	-0.677	-0.785
10231	102.30	-0.874	-0.906	-0.867	-0.777	-0.676	-0.605	-0.580	-0.590	-0.601	-0.575
10241	102.40	-0.490	-0.354	-0.198	-0.061	0.024	0.045	0.008	-0.072	-0.184	-0.324
10251	102.50	-0.497	-0.699	-0.913	-1.106	-1.236	-1.267	-1.190	-1.029	-0.828	-0.643
10261	102.60	-0.511	-0.441	-0.409	-0.378	-0.310	-0.188	-0.018	0.174	0.359	0.520
10271	102.70	0.654	0.772	0.882	0.983	1.058	1.083	1.042	0.938	0.802	0.682
10281	102.80	0.628	0.672	0.809	1.003	1.196	1.332	1.379	1.342	1.260	1.191
10291	102.90	1.189	1.281	1.457	1.670	1.856	1.954	1.930	1.789	1.575	1.352
10301	103.00	1.181	1.097	1.097	1.140	1.165	1.119	0.976	0.749	0.485	0.243
10311	103.10	0.067	-0.034	-0.093	-0.168	-0.318	-0.576	-0.933	-1.340	-1.728	-2.031
10321	103.20	-2.214	-2.277	-2.253	-2.184	-2.108	-2.039	-1.975	-1.904	-1.818	-1.721
10331	103.30	-1.630	-1.567	-1.540	-1.545	-1.560	-1.561	-1.528	-1.458	-1.363	-1.261
10341	103.40	-1.161	-1.055	-0.921	-0.725	-0.445	-0.079	0.341	0.763	1.124	1.373
10351	103.50	1.487	1.478	1.388	1.274	1.187	1.154	1.173	1.215	1.238	1.206
10361	103.60	1.108	0.960	0.804	0.689	0.648	0.684	0.767	0.840	0.848	0.757
10371	103.70	0.570	0.329	0.093	-0.088	-0.193	-0.237	-0.265	-0.319	-0.418	-0.543
10381	103.80	-0.646	-0.669	-0.582	-0.397	-0.165	0.042	0.172	0.215	0.214	0.242
10391	103.90	0.367	0.616	0.955	1.300	1.558	1.661	1.604	1.442	1.262	1.146
10401	104.00	1.124	1.172	1.216	1.178	1.010	0.723	0.377	0.055	-0.178	-0.299
10411	104.10	-0.336	-0.346	-0.384	-0.470	-0.585	-0.680	-0.711	-0.663	-0.566	-0.488
10421	104.20	-0.502	-0.657	-0.953	-1.342	-1.744	-2.081	-2.298	-2.382	-2.351	-2.236
10431	104.30	-2.067	-1.856	-1.604	-1.311	-0.989	-0.667	-0.382	-0.172	-0.049	-0.003
10441	104.40	0.004	0.015	0.062	0.155	0.275	0.387	0.457	0.465	0.420	0.350
10451	104.50	0.295	0.290	0.351	0.473	0.632	0.792	0.922	1.002	1.029	1.013
10461	104.60	0.974	0.932	0.902	0.887	0.878	0.857	0.805	0.710	0.570	0.400
10471	104.70	0.226	0.077	-0.026	-0.073	-0.074	-0.051	-0.026	-0.016	-0.025	-0.043
10481	104.80	-0.056	-0.050	-0.021	0.022	0.065	0.092	0.094	0.073	0.036	-0.007
10491	104.90	-0.047	-0.084	-0.120	-0.157	-0.196	-0.231	-0.259	-0.281	-0.305	-0.350

Table 7-84-22

TABLE OF CORRECTED ACCELERATION RECORD NO.22

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10501	105.00	-0.436	-0.574	-0.761	-0.973	-1.173	-1.319	-1.378	-1.339	-1.217	-1.049
10511	105.10	-0.879	-0.749	-0.686	-0.692	-0.752	-0.840	-0.930	-1.007	-1.070	-1.129
10521	105.20	-1.200	-1.291	-1.396	-1.493	-1.549	-1.529	-1.415	-1.204	-0.921	-0.601
10531	105.30	-0.287	-0.010	0.216	0.392	0.526	0.630	0.708	0.757	0.777	0.770
10541	105.40	0.752	0.743	0.761	0.808	0.873	0.929	0.949	0.921	0.861	0.805
10551	105.50	0.797	0.872	1.033	1.251	1.477	1.659	1.770	1.818	1.840	1.885
10561	105.60	1.986	2.147	2.334	2.493	2.570	2.537	2.399	2.191	1.960	1.746
10571	105.70	1.566	1.416	1.275	1.123	0.952	0.771	0.599	0.451	0.333	0.236
10581	105.80	0.136	0.008	-0.164	-0.379	-0.619	-0.856	-1.056	-1.198	-1.273	-1.291
10591	105.90	-1.274	-1.250	-1.246	-1.276	-1.341	-1.428	-1.518	-1.592	-1.641	-1.666
10601	106.00	-1.678	-1.691	-1.714	-1.751	-1.796	-1.841	-1.882	-1.917	-1.943	-1.954
10611	106.10	-1.930	-1.844	-1.665	-1.378	-0.992	-0.549	-0.110	0.262	0.523	0.667
10621	106.20	0.720	0.730	0.735	0.753	0.767	0.746	0.661	0.515	0.343	0.207
10631	106.30	0.166	0.248	0.430	0.648	0.820	0.880	0.806	0.628	0.410	0.219
10641	106.40	0.098	0.043	0.018	-0.027	-0.121	-0.261	-0.403	-0.490	-0.476	-0.353
10651	106.50	-0.156	0.047	0.187	0.222	0.153	0.027	-0.085	-0.115	-0.024	0.183
10661	106.60	0.453	0.752	0.988	1.133	1.186	1.173	1.140	1.127	1.157	1.229
10671	106.70	1.321	1.400	1.441	1.436	1.394	1.337	1.285	1.247	1.213	1.159
10681	106.80	1.060	0.902	0.691	0.454	0.228	0.043	-0.088	-0.177	-0.258	-0.365
10691	106.90	-0.525	-0.743	-0.999	-1.260	-1.490	-1.660	-1.754	-1.769	-1.707	-1.576
10701	107.00	-1.389	-1.166	-0.937	-0.742	-0.614	-0.574	-0.618	-0.713	-0.809	-0.853
10711	107.10	-0.813	-0.687	-0.503	-0.305	-0.133	-0.002	0.093	0.181	0.289	0.426
10721	107.20	0.580	0.715	0.795	0.800	0.735	0.634	0.540	0.489	0.492	0.526
10731	107.30	0.551	0.518	0.400	0.196	-0.062	-0.325	-0.543	-0.683	-0.739	-0.728
10741	107.40	-0.686	-0.651	-0.652	-0.704	-0.798	-0.910	-1.005	-1.045	-0.998	-0.852
10751	107.50	-0.618	-0.331	-0.044	0.186	0.318	0.338	0.265	0.145	0.033	-0.024
10761	107.60	-0.002	0.092	0.232	0.384	0.522	0.633	0.718	0.781	0.818	0.821
10771	107.70	0.774	0.670	0.519	0.349	0.195	0.087	0.027	-0.007	-0.061	-0.177
10781	107.80	-0.373	-0.633	-0.907	-1.137	-1.283	-1.341	-1.347	-1.358	-1.423	-1.551
10791	107.90	-1.710	-1.832	-1.853	-1.736	-1.498	-1.199	-0.915	-0.706	-0.583	-0.506
10801	108.00	-0.406	-0.221	0.075	0.451	0.836	1.143	1.312	1.332	1.244	1.125
10811	108.10	1.051	1.068	1.179	1.345	1.503	1.594	1.580	1.456	1.245	0.989
10821	108.20	0.730	0.503	0.323	0.189	0.086	-0.009	-0.114	-0.236	-0.366	-0.478
10831	108.30	-0.541	-0.530	-0.442	-0.296	-0.131	0.009	0.100	0.143	0.167	0.210
10841	108.40	0.297	0.425	0.551	0.618	0.578	0.418	0.178	-0.062	-0.215	-0.218
10851	108.50	-0.061	0.213	0.525	0.798	0.985	1.086	1.135	1.179	1.247	1.341
10861	108.60	1.435	1.496	1.506	1.475	1.433	1.407	1.408	1.411	1.366	1.221
10871	108.70	0.952	0.581	0.170	-0.196	-0.447	-0.558	-0.552	-0.494	-0.458	-0.496
10881	108.80	-0.615	-0.776	-0.922	-0.995	-0.974	-0.878	-0.757	-0.676	-0.683	-0.791
10891	108.90	-0.975	-1.184	-1.360	-1.460	-1.467	-1.392	-1.263	-1.110	-0.953	-0.793
10901	109.00	-0.622	-0.432	-0.226	-0.022	0.146	0.245	0.258	0.193	0.082	-0.025
10911	109.10	-0.086	-0.083	-0.028	0.036	0.061	0.010	-0.123	-0.308	-0.499	-0.649
10921	109.20	-0.734	-0.761	-0.759	-0.762	-0.785	-0.812	-0.805	-0.721	-0.537	-0.271
10931	109.30	0.023	0.273	0.416	0.427	0.328	0.175	0.034	-0.049	-0.067	-0.051
10941	109.40	-0.049	-0.100	-0.212	-0.353	-0.465	-0.491	-0.399	-0.200	0.055	0.296
10951	109.50	0.458	0.508	0.453	0.336	0.215	0.147	0.163	0.264	0.424	0.605
10961	109.60	0.769	0.890	0.960	0.979	0.955	0.893	0.791	0.646	0.458	0.233
10971	109.70	-0.010	-0.245	-0.447	-0.600	-0.699	-0.751	-0.771	-0.765	-0.734	-0.664
10981	109.80	-0.542	-0.360	-0.134	0.104	0.312	0.452	0.510	0.502	0.472	0.473
10991	109.90	0.548	0.709	0.934	1.172	1.368	1.481	1.495	1.425	1.300	1.155

Table 7-84-23

TABLE OF CORRECTED ACCELERATION RECORD NO.23

INDEX NO. 1276 S104-GR-1-7 HD. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11001	110.00	1.014	0.885	0.764	0.647	0.528	0.406	0.283	0.153	0.010	-0.153
11011	110.10	-0.333	-0.512	-0.661	-0.751	-0.765	-0.714	-0.639	-0.590	-0.611	-0.715
11021	110.20	-0.872	-1.022	-1.094	-1.040	-0.858	-0.595	-0.329	-0.144	-0.092	-0.180
11031	110.30	-0.369	-0.592	-0.785	-0.905	-0.946	-0.928	-0.883	-0.832	-0.782	-0.721
11041	110.40	-0.632	-0.508	-0.358	-0.205	-0.079	-0.001	0.024	0.007	-0.027	-0.054
11051	110.50	-0.059	-0.042	-0.011	0.022	0.069	0.074	0.109	0.166	0.253	0.367
11061	110.60	0.492	0.606	0.690	0.733	0.733	0.703	0.660	0.617	0.586	0.567
11071	110.70	0.556	0.547	0.537	0.524	0.515	0.517	0.538	0.582	0.648	0.728
11081	110.80	0.807	0.867	0.888	0.853	0.755	0.598	0.402	0.192	-0.002	-0.161
11091	110.90	-0.279	-0.368	-0.449	-0.540	-0.648	-0.762	-0.856	-0.916	-0.931	-0.921
11101	111.00	-0.924	-0.980	-1.106	-1.281	-1.445	-1.517	-1.430	-1.161	-0.748	-0.279
11111	111.10	0.136	0.407	0.501	0.443	0.307	0.170	0.084	0.054	0.044	0.010
11121	111.20	-0.072	-0.184	-0.270	-0.271	-0.153	0.066	0.320	0.522	0.606	0.556
11131	111.30	0.414	0.258	0.159	0.147	0.194	0.230	0.186	0.024	-0.232	-0.510
11141	111.40	-0.727	-0.824	-0.800	-0.707	-0.621	-0.605	-0.671	-0.778	-0.852	-0.828
11151	111.50	-0.685	-0.456	-0.216	-0.043	0.021	-0.013	-0.084	-0.110	-0.032	0.163
11161	111.60	0.439	0.722	0.943	1.059	1.071	1.015	0.935	0.902	0.905	0.948
11171	111.70	1.006	1.053	1.072	1.061	1.028	0.985	0.944	0.912	0.890	0.876
11181	111.80	0.862	0.832	0.770	0.659	0.493	0.284	0.058	-0.147	-0.297	-0.378
11191	111.90	-0.400	-0.397	-0.409	-0.468	-0.581	-0.729	-0.875	-0.983	-1.037	-1.047
11201	112.00	-1.040	-1.045	-1.073	-1.112	-1.127	-1.078	-0.944	-0.734	-0.490	-0.271
11211	112.10	-0.132	-0.100	-0.165	-0.283	-0.396	-0.452	-0.421	-0.302	-0.118	0.104
11221	112.20	0.337	0.570	0.799	1.027	1.250	1.454	1.618	1.722	1.756	1.725
11231	112.30	1.648	1.551	1.454	1.359	1.252	1.109	0.904	0.635	0.321	0.010
11241	112.40	-0.242	-0.389	-0.416	-0.366	-0.232	-0.143	-0.129	-0.206	-0.351	-0.510
11251	112.50	-0.626	-0.666	-0.637	-0.582	-0.561	-0.619	-0.762	-0.954	-1.124	-1.205
11261	112.60	-1.153	-0.976	-0.728	-0.485	-0.316	-0.254	-0.291	-0.379	-0.460	-0.488
11271	112.70	-0.445	-0.341	-0.204	-0.058	0.086	0.234	0.396	0.580	0.773	0.948
11281	112.80	1.069	1.110	1.059	0.932	0.760	0.580	0.422	0.302	0.217	0.155
11291	112.90	0.097	0.026	-0.069	-0.194	-0.347	-0.520	-0.697	-0.862	-0.998	-1.097
11301	113.00	-1.163	-1.207	-1.244	-1.285	-1.324	-1.344	-1.315	-1.219	-1.052	-0.837
11311	113.10	-0.615	-0.433	-0.318	-0.269	-0.257	-0.235	-0.163	-0.025	0.160	0.353
11321	113.20	0.509	0.602	0.640	0.656	0.697	0.791	0.939	1.107	1.243	1.299
11331	113.30	1.257	1.133	0.970	0.817	0.709	0.648	0.615	0.578	0.519	0.442
11341	113.40	0.373	0.340	0.358	0.410	0.451	0.426	0.298	0.069	-0.214	-0.477
11351	113.50	-0.646	-0.681	-0.591	-0.429	-0.270	-0.178	-0.176	-0.245	-0.335	-0.396
11361	113.60	-0.603	-0.368	-0.334	-0.350	-0.443	-0.602	-0.781	-0.920	-0.974	-0.931
11371	113.70	-0.818	-0.680	-0.561	-0.474	-0.401	-0.301	-0.141	0.081	0.328	0.532
11381	113.80	0.624	0.566	0.370	0.095	-0.175	-0.367	-0.447	-0.427	-0.353	-0.278
11391	113.90	-0.233	-0.213	-0.184	-0.106	0.042	0.243	0.448	0.597	0.649	0.597
11401	114.00	0.481	0.363	0.303	0.331	0.436	0.569	0.672	0.701	0.645	0.531
11411	114.10	0.402	0.306	0.265	0.278	0.318	0.353	0.357	0.325	0.268	0.205
11421	114.20	0.151	0.111	0.079	0.048	0.014	-0.015	-0.023	0.004	0.071	0.166
11431	114.30	0.258	0.310	0.291	0.192	0.029	-0.155	-0.307	-0.373	-0.323	-0.156
11441	114.40	0.094	0.367	0.593	0.714	0.698	0.550	0.309	0.034	-0.213	-0.394
11451	114.50	-0.500	-0.556	-0.611	-0.716	-0.898	-1.157	-1.453	-1.731	-1.933	-2.028
11461	114.60	-2.017	-1.934	-1.831	-1.755	-1.729	-1.742	-1.754	-1.719	-1.600	-1.389
11471	114.70	-1.106	-0.795	-0.500	-0.249	-0.046	0.130	0.306	0.503	0.718	0.928
11481	114.80	1.095	1.192	1.212	1.181	1.149	1.170	1.282	1.488	1.756	2.030
11491	114.90	2.254	2.394	2.448	2.445	2.425	2.419	2.429	2.429	2.374	2.227

Table 7-84-24

TABLE OF CORRECTED ACCELERATION RECORD NO.24

INDEX NO. 1276 S104-GR-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -120.834 (GAL) T= 17.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11501	115.00	1.980	1.663	1.335	1.066	0.901	0.847	0.862	0.879	0.833	0.690
11511	115.10	0.460	0.200	-0.021	-0.144	-0.153	-0.078	0.015	0.059	0.008	-0.137
11521	115.20	-0.334	-0.521	-0.644	-0.686	-0.669	-0.648	-0.678	-0.791	-0.975	-1.181
11531	115.30	-1.341	-1.395	-1.319	-1.135	-0.895	-0.666	-0.498	-0.413	-0.398	-0.422
11541	115.40	-0.451	-0.467	-0.473	-0.486	-0.529	-0.611	-0.728	-0.860	-0.981	-1.075
11551	115.50	-1.135	-1.186	-1.179	-1.181	-1.172	-1.143	-1.084	-0.993	-0.878	-0.757
11561	115.60	-0.651	-0.574	-0.530	-0.508	-0.489	-0.452	-0.387	-0.292	-0.180	-0.069
11571	115.70	0.026	0.094	0.130	0.137	0.119	0.081	0.025	-0.048	-0.135	-0.234
11581	115.80	-0.338	-0.437	-0.522	-0.581	-0.604	-0.583	-0.515	-0.403	-0.258	-0.102
11591	115.90	0.039	0.136	0.170	0.133	0.031	-0.112	-0.267	-0.399	-0.483	-0.499
11601	116.00	-0.641	-0.317	-0.139	0.069	0.280	0.466	0.601	0.669	0.667	0.608
11611	116.10	0.518	0.431	0.374	0.362	0.389	0.437	0.479	0.498	0.488	0.462
11621	116.20	0.443	0.450	0.487	0.543	0.593	0.612	0.592	0.541	0.485	0.450
11631	116.30	0.448	0.465	0.461	0.392	0.229	-0.019	-0.302	-0.542	-0.663	-0.621
11641	116.40	-0.424	-0.132	0.166	0.389	0.490	0.474	0.389	0.303	0.269	0.310
11651	116.50	0.412	0.540	0.657	0.747	0.814	0.877	0.951	1.037	1.114	1.155
11661	116.60	1.140	1.069	0.963	0.855	0.771	0.716	0.673	0.617	0.528	0.411
11671	116.70	0.292	0.213	0.204	0.266	0.369	0.463	0.501	0.460	0.353	0.220
11681	116.80	0.108	0.045	0.027	0.022	-0.011	-0.099	-0.239	-0.396	-0.524	-0.585
11691	116.90	-0.568	-0.499	-0.422	-0.381	-0.398	-0.466	-0.550	-0.611	-0.617	-0.563
11701	117.00	-0.468	-0.363	-0.283	-0.249	-0.266	-0.325	-0.407	-0.493	-0.560	-0.595
11711	117.10	-0.588	-0.537	-0.455	-0.361	-0.279	-0.230	-0.222	-0.246	-0.285	-0.322
11721	117.20	-0.351	-0.383	-0.443	-0.553	-0.719	-0.918	-1.105	-1.230	-1.258	-1.186
11731	117.30	-1.042	-0.877	-0.734	-0.630	-0.550	-0.456	-0.312	-0.105	0.144	0.385
11741	117.40	0.563	0.643	0.625	0.544	0.446	0.371	0.331	0.311	0.284	0.231
11751	117.50	0.157	0.092	0.077	0.136	0.264	0.415	0.525	0.536	0.420	0.194
11761	117.60	-0.090	-0.362	-0.564	-0.667	-0.678	-0.627	-0.549	-0.469	-0.391	-0.307
11771	117.70	-0.207	-0.089	0.033	0.135	0.190	0.183	0.115	0.005	-0.116	-0.217
11781	117.80	-0.271	-0.268	-0.209	-0.108	0.015	0.142	0.256	0.351	0.428	0.491
11791	117.90	0.546	0.593	0.625	0.634	0.608	0.549	0.467	0.384	0.320	0.288
11801	118.00	0.282	0.277	0.239	0.141	-0.023	-0.229	-0.436	-0.594	-0.671	-0.664
11811	118.10	-0.599	-0.520	-0.464	-0.445	-0.448	-0.437	-0.372	-0.232	-0.023	0.223
11821	118.20	0.468	0.681	0.857	1.013	1.172	1.349	1.534	1.694	1.784	1.773
11831	118.30	1.659	1.476	1.283	1.140	1.083	1.109	1.179	1.233	1.216	1.099
11841	118.40	0.885	0.611	0.326	0.073	-0.119	-0.245	-0.318	-0.361	-0.397	-0.446
11851	118.50	-0.524	-0.665	-0.815	-1.031	-1.275	-1.518	-1.719	-1.842	-1.868	-1.803
11861	118.60	-1.677	-1.539	-1.435	-1.394	-1.416	-1.474	-1.524	-1.524	-1.447	-1.295
11871	118.70	-1.090	-0.872	-0.679	-0.534	-0.443	-0.392	-0.357	-0.314	-0.245	-0.144
11881	118.80	-0.016	0.127	0.271	0.405	0.524	0.627	0.716	0.794	0.859	0.904
11891	118.90	0.917	0.887	0.806	0.677	0.513	0.349	0.186	0.076	0.023	0.025

Table 7-85-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.195	0.071	-0.081	-0.116	0.098	0.605	1.315	2.015	2.432	2.344
11	0.10	1.680	0.578	-0.642	-1.577	-1.879	-1.593	-0.224	1.287	2.674	3.506
21	0.20	3.528	2.743	1.395	-0.136	-1.465	-2.361	-2.696	-2.629	-2.326	-1.963
31	0.30	-1.633	-1.328	-0.984	-0.543	-0.013	0.524	0.946	1.157	1.147	1.016
41	0.40	0.927	1.040	1.420	1.989	2.539	2.805	2.569	1.760	0.492	-0.958
51	0.50	-2.244	-3.069	-3.282	-2.923	-2.193	-1.364	-0.676	-0.247	-0.050	0.053
61	0.60	0.230	0.576	1.058	1.506	1.672	1.333	0.392	-1.060	-2.749	-4.289
71	0.70	-5.295	-5.495	-4.811	-3.365	-1.437	0.622	2.472	3.852	4.598	4.662
81	0.80	3.996	2.734	1.002	-0.983	-2.935	-4.537	-5.499	-5.635	-4.924	-3.523
91	0.90	-1.741	0.055	1.530	2.469	2.822	2.683	2.247	1.726	1.290	1.028
101	1.00	0.936	0.942	0.938	0.821	0.531	0.070	-0.481	-0.981	-1.263	-1.186
111	1.10	-0.690	0.162	1.191	2.142	2.764	2.891	2.503	1.730	0.807	-0.012
121	1.20	-0.534	-0.679	-0.485	-0.072	0.415	0.841	1.107	1.135	0.865	0.253
131	1.30	-0.699	-1.903	-3.167	-4.211	-4.739	-4.537	-3.558	-1.967	-0.093	1.668
141	1.40	2.985	3.694	3.823	3.543	3.066	2.541	1.998	1.369	0.564	-0.440
151	1.50	-1.538	-2.510	-3.098	-3.110	-2.508	-1.432	-0.156	1.008	1.816	2.161
161	1.60	2.080	1.712	1.232	0.783	0.449	0.259	0.212	0.292	0.480	0.740
171	1.70	1.009	1.197	1.213	1.001	0.576	0.026	-0.506	-0.877	-0.994	-0.846
181	1.80	-0.493	-0.032	0.453	0.924	1.382	1.837	2.264	2.581	2.658	2.379
191	1.90	1.696	0.685	-0.462	-1.494	-2.192	-2.453	-2.327	-1.992	-1.667	-1.513
201	2.00	-1.557	-1.683	-1.691	-1.397	-0.730	0.218	1.206	1.928	2.116	1.636
211	2.10	0.529	-1.008	-2.681	-4.185	-5.275	-5.810	-5.760	-5.195	-4.254	-3.111
221	2.20	-1.945	-0.902	-0.072	0.531	0.959	1.306	1.661	2.062	2.474	2.800
231	2.30	2.918	2.738	2.243	1.502	0.632	-0.244	-1.052	-1.779	-2.449	-3.075
241	2.40	-3.608	-3.927	-3.871	-3.318	-2.255	-0.820	0.717	2.038	2.884	3.144
251	2.50	2.892	2.344	1.773	1.404	1.341	1.546	1.883	2.186	2.323	2.243
261	2.60	1.971	1.590	1.201	0.897	0.749	0.793	1.030	1.414	1.850	2.205
271	2.70	2.341	2.160	1.656	0.925	0.148	-0.470	-0.780	-0.748	-0.470	-0.136
281	2.80	0.053	-0.036	-0.420	-0.997	-1.598	-2.056	-2.267	-2.210	-1.926	-1.486
291	2.90	-0.947	-0.345	0.289	0.904	1.409	1.691	1.650	1.255	0.574	-0.233
301	3.00	-0.956	-1.410	-1.495	-1.225	-0.712	-0.116	0.416	0.795	0.999	1.055
311	3.10	1.095	0.879	0.685	0.427	0.116	-0.207	-0.484	-0.655	-0.688	-0.590
321	3.20	-0.409	-0.216	-0.075	-0.021	-0.050	-0.123	-0.178	-0.153	0.003	0.316
331	3.30	0.779	1.347	1.941	2.457	2.793	2.880	2.714	2.365	1.959	1.641
341	3.40	1.509	1.575	1.743	1.844	1.690	1.153	0.222	-0.984	-2.244	-3.297
351	3.50	-3.919	-3.978	-3.457	-2.447	-1.113	0.343	1.715	2.817	3.502	3.678
361	3.60	3.326	2.509	1.368	0.096	-1.101	-2.061	-2.700	-3.028	-3.131	-3.131
371	3.70	-3.140	-3.219	-3.374	-3.559	-3.709	-3.766	-3.699	-3.509	-3.216	-2.848
381	3.80	-2.430	-1.984	-1.529	-1.089	-0.690	-0.362	-0.123	0.022	0.089	0.111
391	3.90	0.126	0.172	0.271	0.427	0.626	0.841	1.041	1.198	1.295	1.320
401	4.00	1.273	1.153	0.961	0.701	0.391	0.068	-0.201	-0.328	-0.227	0.158
411	4.10	0.820	1.665	2.526	3.196	3.482	3.264	2.536	1.409	0.081	-1.210
421	4.20	-2.253	-2.896	-3.066	-2.773	-2.080	-1.088	0.070	1.237	2.237	2.897
431	4.30	3.081	2.730	1.897	0.744	-0.485	-1.528	-2.180	-2.348	-2.075	-1.514
441	4.40	-0.868	-0.324	0.008	0.116	0.074	-0.007	-0.033	0.033	0.153	0.236
451	4.50	0.179	-0.082	-0.536	-1.086	-1.575	-1.833	-1.739	-1.268	-0.505	0.374
461	4.60	1.155	1.655	1.777	1.540	1.063	0.516	0.067	-0.177	-0.185	-0.001
471	4.70	0.292	0.610	0.887	1.082	1.172	1.132	0.937	0.574	0.065	-0.515
481	4.80	-1.043	-1.375	-1.393	-1.075	-0.473	0.252	0.900	1.295	1.345	1.067
491	4.90	0.577	0.042	-0.384	-0.602	-0.595	-0.417	-0.157	0.099	0.296	0.416

Table 7-85-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.472	0.486	0.479	0.458	0.422	0.373	0.312	0.245	0.174	0.094
511	5.10	-0.001	-0.107	-0.196	-0.208	-0.061	0.324	0.979	1.858	2.821	3.659
521	5.20	4.144	4.100	3.468	2.333	0.903	-0.551	-1.776	-2.610	-3.016	-3.064
531	5.30	-2.880	-2.582	-2.233	-1.833	-1.345	-0.742	-0.050	0.644	1.218	1.562
541	5.40	1.626	1.438	1.096	0.720	0.414	0.229	0.164	0.186	0.259	0.359
551	5.50	0.471	0.570	0.610	0.527	0.269	-0.163	-0.689	-1.155	-1.387	-1.257
561	5.60	-0.756	-0.006	0.765	1.315	1.476	1.219	0.658	-0.015	-0.612	-1.037
571	5.70	-1.305	-1.515	-1.771	-2.107	-2.448	-2.634	-2.493	-1.926	-0.968	0.208
581	5.80	1.345	2.187	2.559	2.410	1.809	0.904	-0.137	-1.159	-2.045	-2.708
591	5.90	-3.083	-3.150	-2.896	-2.378	-1.706	-1.027	-0.488	-0.192	-0.165	-0.352
601	6.00	-0.640	-0.902	-1.046	-1.034	-0.895	-0.701	-0.544	-0.505	-0.637	-0.955
611	6.10	-1.431	-1.988	-2.507	-2.843	-2.857	-2.456	-1.633	-0.493	0.770	1.913
621	6.20	2.722	3.073	2.968	2.524	1.920	1.330	0.857	0.522	0.275	0.053
631	6.30	-0.170	-0.362	-0.443	-0.331	-0.004	0.476	0.960	1.266	1.247	0.856
641	6.40	0.172	-0.614	-1.264	-1.565	-1.394	-0.752	0.249	1.422	2.554	3.456
651	6.50	3.987	4.070	3.695	2.917	1.853	0.677	-0.404	-1.187	-1.521	-1.350
661	6.60	-0.730	0.178	1.159	2.009	2.594	2.880	2.927	2.844	2.733	2.645
671	6.70	2.562	2.419	2.143	1.700	1.118	0.481	-0.096	-0.509	-0.694	-0.642
681	6.80	-0.385	0.017	0.498	0.994	1.440	1.770	1.918	1.836	1.507	0.969
691	6.90	0.316	-0.323	-0.819	-1.081	-1.091	-0.910	-0.657	-0.481	-0.507	-0.803
701	7.00	-1.357	-2.076	-2.803	-3.355	-3.564	-3.322	-2.613	-1.518	-0.204	1.120
711	7.10	2.260	3.074	3.502	3.552	3.258	2.642	1.689	0.362	-1.345	-3.352
721	7.20	-5.448	-7.310	-8.577	-8.959	-8.347	-6.859	-4.813	-2.626	-0.679	0.798
731	7.30	1.763	2.333	2.680	2.932	3.110	3.135	2.892	2.324	1.485	0.543
741	7.40	-0.276	-0.782	-0.891	-0.652	-0.214	0.247	0.596	0.780	0.814	0.741
751	7.50	0.586	0.335	-0.042	-0.557	-1.155	-1.716	-2.080	-2.116	-1.784	-1.161
761	7.60	-0.425	0.206	0.554	0.540	0.208	-0.304	-0.813	-1.156	-1.234	-1.026
771	7.70	-0.585	-0.010	0.577	1.064	1.366	1.447	1.327	1.082	0.820	0.645
781	7.80	0.612	0.700	0.816	0.828	0.626	0.180	-0.434	-1.057	-1.503	-1.640
791	7.90	-1.447	-1.023	-0.548	-0.211	-0.133	-0.335	-0.742	-1.226	-1.669	-2.000
801	8.00	-2.195	-2.255	-2.171	-1.907	-1.414	-0.675	0.262	1.265	2.148	2.735
811	8.10	2.929	2.749	2.320	1.819	1.397	1.112	0.925	0.735	0.453	0.071
821	8.20	-0.314	-0.534	-0.429	0.073	0.905	1.868	2.706	3.192	3.212	2.797
831	8.30	2.097	1.308	0.597	0.055	-0.314	-0.553	-0.709	-0.785	-0.745	-0.532
841	8.40	-0.115	0.482	1.172	1.829	2.329	2.590	2.589	2.357	1.958	1.464
851	8.50	0.941	0.449	0.043	-0.221	-0.306	-0.213	0.002	0.221	0.303	0.127
861	8.60	-0.344	-1.040	-1.786	-2.363	-2.585	-2.368	-1.761	-0.926	-0.070	0.634
871	8.70	1.103	1.355	1.468	1.509	1.479	1.289	0.796	-0.123	-1.493	-3.194
881	8.80	-4.960	-6.451	-7.339	-7.407	-6.599	-5.032	-2.954	-0.678	1.484	3.266
891	8.90	4.471	4.981	4.753	3.825	2.319	0.436	-1.556	-3.361	-4.704	-5.381
901	9.00	-5.301	-4.502	-3.140	-1.463	0.243	1.705	2.712	3.160	3.069	2.577
911	9.10	1.908	1.312	0.995	1.057	1.463	2.057	2.613	2.915	2.827	2.336
921	9.20	1.541	0.613	-0.275	-0.998	-1.504	-1.801	-1.916	-1.861	-1.610	-1.120
931	9.30	-0.366	0.615	1.703	2.708	3.415	3.646	3.314	2.453	1.206	-0.212
941	9.40	-1.572	-2.676	-3.398	-3.687	-3.567	-3.115	-2.437	-1.651	-0.872	-0.202
951	9.50	0.278	0.510	0.467	0.155	-0.377	-1.043	-1.718	-2.252	-2.503	-2.364
961	9.60	-1.806	-0.898	0.199	1.260	2.052	2.400	2.237	1.624	0.731	-0.208
971	9.70	-0.963	-1.360	-1.318	-0.350	-0.048	0.951	1.992	2.926	3.623	3.982
981	9.80	3.934	3.447	2.531	1.238	-0.338	-2.061	-3.756	-5.218	-6.222	-6.558
991	9.90	-6.069	-4.712	-2.601	-0.020	2.602	4.781	6.091	6.277	5.338	3.530

Table 7--85-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.298	-0.848	-2.463	-3.274	-3.223	-2.446	-1.194	0.247	1.629	2.777
1011	10.10	3.585	4.008	4.037	3.698	3.053	2.203	1.272	0.390	-0.349	-0.911
1021	10.20	-1.320	-1.636	-1.912	-2.156	-2.312	-2.277	-1.947	-1.270	-0.284	0.880
1031	10.30	2.025	2.949	3.498	3.605	3.296	2.668	1.853	0.983	0.167	-0.510
1041	10.40	-0.987	-1.220	-1.196	-0.940	-0.527	-0.082	0.242	0.310	0.046	-0.525
1051	10.50	-1.274	-1.959	-2.478	-2.544	-2.147	-1.369	-0.412	0.467	1.036	1.158
1061	10.60	0.837	0.205	-0.530	-1.161	-1.555	-1.697	-1.673	-1.618	-1.637	-1.732
1071	10.70	-1.783	-1.577	-0.899	0.366	2.152	4.192	6.072	7.346	7.679	6.953
1081	10.80	5.313	3.120	0.851	-1.046	-2.265	-2.702	-2.449	-1.735	-0.837	-0.007
1091	10.90	0.576	0.817	0.697	0.256	-0.424	-1.224	-2.004	-2.623	-2.972	-3.006
1101	11.00	-2.767	-2.368	-1.955	-1.651	-1.508	-1.487	-1.483	-1.378	-1.100	-0.661
1111	11.10	-0.156	0.284	0.554	0.625	0.562	0.494	0.545	0.778	1.155	1.545
1121	11.20	1.777	1.702	1.257	0.482	-0.493	-1.492	-2.342	-2.908	-3.107	-2.908
1131	11.30	-2.326	-1.622	-0.313	0.827	1.775	2.308	2.266	1.622	0.518	-0.747
1141	11.40	-1.792	-2.270	-1.985	-0.970	0.512	2.038	3.162	3.549	3.077	1.866
1151	11.50	0.218	-1.642	-2.895	-3.817	-4.207	-4.156	-3.809	-3.285	-2.627	-1.795
1161	11.60	-0.715	0.653	2.256	3.929	5.621	6.477	6.915	6.700	5.964	4.963
1171	11.70	3.996	3.301	2.974	2.937	2.966	2.771	2.110	0.878	-0.834	-2.752
1181	11.80	-4.492	-5.664	-5.992	-5.392	-4.003	-2.147	-0.240	1.319	2.247	2.437
1191	11.90	1.966	1.045	-0.055	-1.081	-1.859	-2.315	-2.466	-2.389	-2.180	-1.936
1201	12.00	-1.736	-1.647	-1.720	-1.987	-2.451	-3.065	-3.735	-4.323	-4.681	-4.687
1211	12.10	-4.282	-3.497	-2.448	-1.314	-0.304	0.390	0.624	0.327	-0.487	-1.724
1221	12.20	-3.220	-4.762	-6.125	-7.098	-7.529	-7.346	-6.572	-5.310	-3.723	-2.003
1231	12.30	-0.337	1.112	2.220	2.917	3.199	3.143	2.912	2.734	2.856	3.460
1241	12.40	4.574	6.013	7.372	8.112	7.713	5.861	2.605	-1.577	-5.868	-9.211
1251	12.50	-10.775	-10.028	-6.999	-2.276	3.152	8.165	11.819	13.583	13.439	11.818
1261	12.60	9.404	6.887	4.746	3.144	1.949	0.875	-0.340	-1.776	-3.265	-4.429
1271	12.70	-4.806	-4.017	-1.906	1.384	5.423	9.587	13.184	15.597	16.384	15.343
1281	12.80	12.525	8.205	2.832	-3.040	-8.825	-13.975	-18.034	-20.681	-21.741	-21.184
1291	12.90	-19.106	-15.708	-11.283	-6.202	-0.912	4.090	8.290	11.217	12.519	12.039
1301	13.00	9.864	6.344	2.054	-2.289	-5.954	-8.336	-9.093	-8.225	-6.097	-3.364
1311	13.10	-0.818	0.805	1.025	-0.246	-2.671	-5.568	-8.084	-9.418	-9.016	-6.698
1321	13.20	-2.686	2.455	7.940	12.900	16.523	18.176	17.511	14.544	9.698	3.770
1331	13.30	-2.184	-7.055	-9.929	-10.308	-8.237	-4.277	0.673	5.624	9.754	12.563
1341	13.40	13.906	13.894	12.786	10.858	8.396	5.671	3.087	1.075	0.054	0.276
1351	13.50	1.679	3.838	4.048	7.531	7.691	6.308	3.585	0.051	-3.653	-6.976
1361	13.60	-9.571	-11.286	-12.057	-11.798	-10.367	-7.665	-3.688	1.135	6.116	10.366
1371	13.70	12.966	13.450	11.779	8.433	4.203	-0.092	-3.855	-6.826	-9.023	-10.561
1381	13.80	-11.465	-11.581	-10.636	-8.420	-4.995	-0.800	3.386	6.656	8.248	7.785
1391	13.90	5.376	1.547	-2.962	-7.438	-11.371	-14.516	-16.830	-18.347	-19.048	-18.812
1401	14.00	-17.450	-14.807	-10.882	-5.905	-0.342	5.178	9.984	13.512	15.407	15.594
1411	14.10	14.267	11.828	8.780	5.610	2.687	0.210	-1.777	-3.320	-4.456	-5.129
1421	14.20	-5.165	-4.316	-2.381	0.655	4.523	8.648	12.255	14.552	14.958	13.277
1431	14.30	9.784	5.162	0.342	-3.736	-6.346	-7.141	-6.212	-4.065	-1.390	0.923
1441	14.40	2.173	1.915	0.085	-2.980	-6.605	-9.941	-12.165	-12.699	-11.361	-8.421
1451	14.50	-4.528	-0.534	2.735	4.688	5.091	4.081	2.071	-0.398	-2.800	-4.720
1461	14.60	-5.875	-6.093	-5.265	-3.334	-0.327	3.593	8.068	12.541	16.316	18.690
1471	14.70	19.100	17.263	13.239	7.412	0.399	-7.080	-14.318	-20.705	-25.752	-29.088
1481	14.80	-30.445	-29.667	-26.739	-21.838	-15.369	-7.948	-0.338	6.675	12.424	16.487
1491	14.90	18.743	19.357	18.688	17.165	15.160	12.915	10.526	7.987	5.266	2.379

Table 7-85-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.572	-3.394	-5.849	-7.706	-8.801	-9.073	-8.581	-7.498	-6.090	-4.660
1511	15.10	-3.484	-2.719	-2.331	-2.051	-1.418	0.084	2.813	6.743	11.310	15.433
1521	15.20	17.731	16.917	12.249	3.877	-7.050	-18.590	-28.494	-34.804	-36.392	-33.239
1531	15.30	-26.370	-17.487	-8.428	-0.656	5.063	8.707	10.791	12.030	13.006	13.957
1541	15.40	14.748	14.994	14.263	12.281	9.062	4.946	0.542	-3.394	-6.114	-7.045
1551	15.50	-5.927	-2.909	1.450	6.264	10.504	13.233	13.830	12.144	8.516	3.669
1561	15.60	-1.494	-6.125	-9.616	-11.696	-12.404	-11.990	-10.779	-9.042	-6.926	-4.441
1571	15.70	-1.500	2.006	6.126	10.780	15.727	20.589	24.915	28.287	30.427	31.255
1581	15.80	30.888	29.557	27.485	24.782	21.406	17.230	12.190	6.441	0.443	-5.079
1591	15.90	-9.327	-11.684	-11.948	-10.436	-7.896	-5.270	-3.385	-2.703	-3.211	-4.489
1601	16.00	-5.915	-6.904	-7.093	-6.419	-5.089	-3.483	-2.053	-1.234	-1.395	-2.781
1611	16.10	-5.439	-9.145	-13.353	-17.239	-19.850	-20.362	-18.343	-13.948	-7.936	-1.494
1621	16.20	4.080	7.734	8.929	7.733	4.724	0.765	-3.255	-6.621	-8.877	-9.820
1631	16.30	-9.440	-7.865	-5.349	-2.279	0.825	3.373	4.813	4.785	3.239	0.463
1641	16.40	-2.992	-6.487	-9.481	-11.668	-13.004	-13.606	-13.595	-12.938	-11.388	-8.541
1651	16.50	-4.009	2.363	10.325	19.167	27.807	35.013	39.659	40.970	38.659	32.936
1661	16.60	24.412	13.939	2.456	-9.129	-19.990	-29.395	-36.703	-41.376	-43.033	-41.509
1671	16.70	-36.918	-29.674	-20.465	-10.175	0.220	9.763	17.605	23.085	25.782	25.570
1681	16.80	22.655	17.585	11.213	4.592	-1.196	-5.235	-6.965	-6.290	-3.595	0.355
1691	16.90	4.587	8.129	10.188	10.282	8.289	4.437	-0.760	-6.596	-12.290	-17.106
1701	17.00	-20.468	-22.035	-21.736	-19.734	-16.349	-11.963	-6.950	-1.648	3.609	8.444
1711	17.10	12.422	15.091	16.098	15.331	13.031	9.786	6.404	3.676	2.123	1.819
1721	17.20	2.373	3.084	3.196	2.174	-0.130	-3.455	-7.267	-10.959	-14.038	-16.215
1731	17.30	-17.381	-17.518	-16.598	-14.556	-11.329	-6.966	-1.712	3.969	9.471	14.189
1741	17.40	17.676	19.737	20.434	20.008	18.758	16.950	14.788	12.443	10.106	8.018
1751	17.50	6.434	5.532	5.317	5.563	5.857	5.725	4.806	2.994	0.493	-2.253
1761	17.60	-4.713	-6.441	-7.203	-7.001	-6.006	-4.444	-2.504	-0.319	1.985	4.197
1771	17.70	5.960	6.799	6.232	3.952	-0.018	-5.249	-10.960	-16.193	-20.034	-21.821
1781	17.80	-21.264	-18.457	-13.809	-7.938	-1.576	4.497	9.503	12.722	13.588	11.814
1791	17.90	7.504	1.211	-6.115	-13.286	-19.119	-22.677	-23.450	-21.427	-17.050	-11.035
1801	18.00	-4.460	1.886	7.120	10.606	11.975	11.175	8.498	4.554	0.179	-3.719
1811	18.10	-6.337	-7.138	-5.935	-2.893	1.551	6.797	12.190	17.096	20.952	23.303
1821	18.20	23.865	22.585	19.694	15.691	11.247	7.038	3.554	0.986	-0.802	-2.133
1831	18.30	-3.333	-6.546	-5.652	-6.388	-6.430	-5.697	-4.421	-3.118	-2.408	-2.757
1841	18.40	-4.275	-6.649	-9.243	-11.327	-12.321	-11.954	-10.290	-7.623	-4.326	-0.715
1851	18.50	2.997	6.656	10.091	13.060	15.255	16.381	16.260	14.899	12.500	9.398
1861	18.60	5.959	2.495	-0.774	-3.722	-6.276	-8.394	-10.059	-11.288	-12.139	-12.680
1871	18.70	-12.939	-12.835	-12.162	-10.635	-8.008	-4.229	0.458	5.489	10.094	13.486
1881	18.80	15.079	14.638	12.313	8.547	3.919	-1.025	-5.867	-10.333	-14.225	-17.337
1891	18.90	-19.413	-20.160	-19.331	-16.832	-12.804	-7.637	-1.908	3.732	8.696	12.568
1901	19.00	15.154	16.467	16.666	15.960	14.535	12.507	9.929	6.836	3.317	-0.434
1911	19.10	-4.088	-7.228	-9.423	-10.348	-9.873	-8.114	-5.406	-2.222	0.949	3.711
1921	19.20	5.827	7.235	8.013	8.317	8.324	8.193	8.038	7.922	7.845	7.738
1931	19.30	7.473	6.887	5.842	4.287	2.309	0.135	-1.919	-3.545	-4.545	-4.905
1941	19.40	-4.789	-4.470	-4.215	-4.184	-4.366	-4.601	-4.661	-4.353	-3.595	-2.456
1951	19.50	-1.111	0.218	1.341	2.153	2.644	2.884	2.990	3.091	3.306	3.722
1961	19.60	4.372	5.212	6.105	6.840	7.167	6.875	5.859	4.171	2.008	-0.354
1971	19.70	-2.659	-4.759	-6.652	-8.449	-10.280	-12.182	-14.022	-15.506	-16.259	-15.965
1981	19.80	-14.500	-11.997	-8.819	-5.450	-2.339	0.232	2.199	3.688	4.907	6.020
1991	19.90	7.053	7.876	8.256	7.956	6.840	4.933	2.422	-0.402	-3.220	-5.766

Table 7-85-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-7.866	-9.447	-10.515	-11.121	-11.335	-11.223	-10.836	-10.198	-9.294	-8.067
2011	20.10	-6.437	-4.339	-1.783	1.094	4.007	6.552	8.299	8.909	8.247	6.443
2021	20.20	3.877	1.080	-1.398	-3.133	-3.915	-3.767	-2.898	-1.612	-0.211	1.074
2031	20.30	2.115	2.872	3.368	3.650	3.771	3.778	3.718	3.639	3.601	3.674
2041	20.40	3.928	4.430	5.219	6.297	7.605	9.029	10.410	11.569	12.348	12.630
2051	20.50	12.349	11.473	9.982	7.850	5.054	1.619	-2.326	-6.496	-10.450	-13.657
2061	20.60	-15.614	-15.987	-14.726	-12.095	-8.623	-4.967	-1.746	0.593	1.857	2.103
2071	20.70	1.572	0.601	-0.467	-1.334	-1.773	-1.638	-0.867	0.513	2.376	4.495
2081	20.80	6.564	8.239	9.185	9.142	7.963	5.659	2.411	-1.429	-5.362	-8.797
2091	20.90	-11.147	-11.945	-10.952	-8.243	-4.213	0.493	5.124	8.990	11.608	12.787
2101	21.00	12.619	11.403	9.529	7.366	5.190	3.158	1.323	-0.327	-1.838	-3.261
2111	21.10	-4.630	-5.954	-7.199	-8.289	-9.109	-9.538	-9.479	-8.897	-7.832	-6.388
2121	21.20	-4.699	-2.886	-1.027	0.845	2.720	4.572	6.337	7.903	9.130	9.881
2131	21.30	10.050	9.577	8.442	6.660	4.282	1.412	-1.762	-4.955	-7.787	-9.844
2141	21.40	-10.757	-10.304	-8.489	-5.564	-1.999	1.607	4.644	6.611	7.206	6.381
2151	21.50	4.338	1.488	-1.635	-4.473	-6.555	-7.579	-7.451	-6.283	-4.327	-1.899
2161	21.60	0.700	3.228	5.494	7.329	8.569	8.958	8.386	6.780	4.277	1.244
2171	21.70	-1.779	-4.199	-5.543	-5.610	-4.536	-2.757	-0.876	0.526	1.050	0.572
2181	21.80	-0.764	-2.628	-4.628	-6.411	-7.720	-8.406	-8.396	-7.666	-6.233	-4.167
2191	21.90	-1.623	1.150	3.821	6.034	7.475	7.951	7.438	6.086	4.190	2.121
2201	22.00	0.253	-1.109	-1.787	-1.753	-1.126	-0.146	0.886	1.683	2.044	1.915
2211	22.10	1.411	0.787	0.368	0.436	1.127	2.360	3.835	5.098	5.671	5.202
2221	22.20	3.580	0.994	-2.111	-5.148	-7.537	-8.862	-8.948	-7.883	-5.955	-3.548
2231	22.30	-1.041	1.260	3.153	4.523	5.321	5.537	5.204	4.403	3.264	1.956
2241	22.40	0.643	-0.560	-1.609	-2.531	-3.380	-4.175	-4.863	-5.314	-5.373	-4.935
2251	22.50	-4.024	-2.804	-1.539	-0.493	0.181	0.504	0.657	0.887	1.387	2.182
2261	22.60	3.103	3.850	4.119	3.741	2.764	1.433	0.100	-0.926	-1.487	-1.619
2271	22.70	-1.501	-1.352	-1.320	-1.428	-1.588	-1.683	-1.636	-1.560	-1.549	-1.797
2281	22.80	-2.406	-3.334	-4.392	-5.303	-5.803	-5.732	-5.085	-3.992	-2.659	-1.297
2291	22.90	-0.067	0.935	1.662	2.090	2.211	2.035	1.615	1.056	0.499	0.083
2301	23.00	-0.111	-0.091	0.058	0.216	0.306	0.341	0.432	0.746	1.416	2.459
2311	23.10	3.742	5.002	5.930	6.267	5.891	4.840	3.289	1.482	-0.331	-1.938
2321	23.20	-3.174	-3.911	-4.060	-3.584	-2.537	-1.092	0.455	1.747	2.454	2.393
2331	23.30	1.594	0.313	-1.044	-2.043	-2.358	-1.852	-0.598	1.175	3.170	5.106
2341	23.40	6.768	8.021	8.787	9.036	8.778	8.079	7.070	5.938	4.876	4.021
2351	23.50	3.390	2.872	2.262	1.358	0.064	-1.538	-3.181	-4.489	-5.090	-4.744
2361	23.60	-3.419	-1.297	1.283	3.920	6.246	7.983	8.960	9.101	8.397	6.897
2371	23.70	4.708	2.007	-0.954	-3.876	-6.449	-8.413	-9.599	-9.952	-9.527	-8.460
2381	23.80	-6.932	-5.135	-3.265	-1.504	-0.024	1.029	1.548	1.484	0.857	-0.241
2391	23.90	-1.667	-3.251	-4.821	-6.232	-7.378	-8.192	-8.646	-8.742	-8.490	-7.904
2401	24.00	-6.990	-5.750	-4.207	-2.422	-0.529	1.263	2.700	3.541	3.648	3.057
2411	24.10	2.001	0.872	0.107	0.048	0.806	2.212	3.857	5.223	5.866	5.567
2421	24.20	4.412	2.753	1.081	-0.147	-0.659	-0.442	0.287	1.181	1.896	2.208
2431	24.30	2.062	1.562	0.900	0.280	-0.158	-0.364	-0.381	-0.309	-0.272	-0.377
2441	24.40	-0.692	-1.220	-1.899	-2.608	-3.185	-3.470	-3.343	-2.761	-1.770	-0.498
2451	24.50	0.690	2.233	3.409	4.350	5.022	5.399	5.438	5.080	4.278	3.045
2461	24.60	1.485	-0.198	-1.735	-2.866	-3.411	-3.332	-2.741	-1.866	-0.983	-0.341
2471	24.70	-0.110	-0.356	-1.056	-2.117	-3.403	-4.750	-5.975	-6.896	-7.353	-7.259
2481	24.80	-6.628	-5.595	-4.386	-3.257	-2.407	-1.912	-1.696	-1.569	-1.306	-0.743
2491	24.90	0.148	1.256	2.369	3.275	3.842	4.072	4.085	4.059	4.137	4.360

Table 7-85-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	4.651	4.850	4.790	4.374	3.622	2.665	1.694	0.894	0.376	0.150
2511	25.10	0.141	0.221	0.258	0.155	-0.136	-0.615	-1.242	-1.946	-2.632	-3.189
2521	25.20	-3.502	-3.476	-3.061	-2.276	-1.210	-0.002	1.198	2.262	3.118	3.751
2531	25.30	4.187	4.459	4.588	4.546	4.367	3.959	3.325	2.464	1.391	0.133
2541	25.40	-1.270	-2.749	-4.193	-5.444	-6.311	-6.622	-6.279	-5.311	-3.889	-2.289
2551	25.50	-0.819	0.282	0.907	1.108	1.054	0.957	0.981	1.188	1.527	1.877
2561	25.60	2.106	2.130	1.936	1.574	1.120	0.647	0.205	-0.169	-0.444	-0.581
2571	25.70	-0.546	-0.336	-0.002	0.347	0.573	0.566	0.297	-0.147	-0.586	-0.806
2581	25.80	-0.646	-0.068	0.821	1.802	2.629	3.112	3.184	2.905	2.420	1.881
2591	25.90	1.385	0.936	0.468	-0.107	-0.836	-1.675	-2.486	-3.069	-3.220	-2.800
2601	26.00	-1.783	-0.272	1.515	3.291	4.764	5.702	5.981	5.609	4.718	3.520
2611	26.10	2.249	1.091	0.155	-0.546	-1.057	-1.437	-1.713	-1.858	-1.808	-1.501
2621	26.20	-0.927	-0.156	0.683	1.425	1.954	2.234	2.328	2.359	2.459	2.699
2631	26.30	3.062	3.445	3.704	3.708	3.383	2.733	1.825	0.761	-0.352	-1.418
2641	26.40	-2.353	-3.074	-3.512	-3.614	-3.375	-2.855	-2.175	-1.494	-0.965	-0.690
2651	26.50	-0.693	-0.932	-1.327	-1.807	-2.338	-2.927	-3.599	-4.358	-5.158	-5.899
2661	26.60	-6.452	-6.693	-6.549	-6.005	-5.102	-3.911	-2.500	-0.928	0.752	2.465
2671	26.70	4.100	5.505	6.508	6.962	6.788	6.004	4.728	3.158	1.530	0.077
2681	26.80	-1.012	-1.613	-1.682	-1.258	-0.462	0.517	1.448	2.101	2.296	1.947
2691	26.90	1.089	-0.130	-1.479	-2.705	-3.590	-3.991	-3.862	-3.245	-2.247	-1.016
2701	27.00	0.288	1.498	2.459	3.039	3.141	2.728	1.831	0.549	-0.963	-2.521
2711	27.10	-3.946	-5.087	-5.840	-6.156	-6.036	-5.532	-4.731	-3.746	-2.701	-1.706
2721	27.20	-0.844	-0.152	0.370	0.744	0.992	1.120	1.109	0.930	0.577	0.083
2731	27.30	-0.469	-0.963	-1.293	-1.408	-1.339	-1.200	-1.147	-1.325	-1.805	-2.557
2741	27.40	-3.451	-4.305	-4.935	-5.214	-5.095	-4.605	-3.818	-2.822	-1.693	-0.498
2751	27.50	0.695	1.797	2.699	3.287	3.483	3.280	2.764	2.100	1.486	1.092
2761	27.60	1.000	1.177	1.491	1.757	1.810	1.564	1.042	0.367	-0.282	-0.726
2771	27.70	-0.837	-0.564	0.069	0.981	2.059	3.176	4.201	5.001	5.458	5.490
2781	27.80	5.075	4.274	3.234	2.152	1.226	0.590	0.275	0.207	0.245	0.247
2791	27.90	0.133	-0.082	-0.296	-0.372	-0.201	0.244	0.897	1.622	2.263	2.695
2801	28.00	2.852	2.732	2.371	1.823	1.145	0.403	-0.320	-0.917	-1.271	-1.290
2811	28.10	-0.944	-0.284	0.561	1.432	2.187	2.754	3.139	3.410	3.646	3.892
2821	28.20	4.139	4.331	4.409	4.347	4.173	3.963	3.798	3.717	3.685	3.593
2831	28.30	3.289	2.639	1.574	0.127	-1.554	-3.234	-4.629	-5.457	-5.503	-4.667
2841	28.40	-3.013	-0.774	1.670	3.862	5.377	5.924	5.434	4.069	2.178	0.187
2851	28.50	-1.523	-2.713	-3.322	-3.438	-3.232	-2.877	-2.497	-2.160	-1.898	-1.745
2861	28.60	-1.748	-1.962	-2.420	-3.107	-3.944	-4.814	-5.590	-6.173	-6.510	-6.581
2871	28.70	-6.383	-5.906	-5.140	-4.097	-2.838	-1.485	-0.209	0.824	1.506	1.829
2881	28.80	1.875	1.777	1.650	1.529	1.360	1.032	0.447	-0.415	-1.461	-2.504
2891	28.90	-3.330	-3.771	-3.767	-3.371	-2.718	-1.960	-1.215	-0.541	0.054	0.577
2901	29.00	1.017	1.334	1.473	1.403	1.141	0.759	0.370	0.081	-0.039	0.013
2911	29.10	0.179	0.366	0.472	0.418	0.156	-0.325	-1.003	-1.821	-2.685	-3.470
2921	29.20	-4.029	-4.230	-3.990	-3.311	-2.293	-1.108	0.051	1.026	1.744	2.230
2931	29.30	2.575	2.879	3.188	3.461	3.574	3.368	2.726	1.635	0.214	-1.307
2941	29.40	-2.650	-3.574	-3.948	-3.787	-3.233	-2.507	-1.828	-1.358	-1.164	-1.222
2951	29.50	-1.446	-1.733	-1.996	-2.178	-2.250	-2.193	-1.987	-1.602	-1.005	-0.171
2961	29.60	0.897	2.156	3.527	4.893	6.121	7.073	7.637	7.741	7.375	6.596
2971	29.70	5.528	4.329	3.160	2.144	1.335	0.714	0.208	-0.272	-0.787	-1.339
2981	29.80	-1.865	-2.251	-2.366	-2.099	-1.390	-0.237	1.295	3.082	4.953	6.699
2991	29.90	8.095	8.942	9.102	8.544	7.362	5.762	4.009	2.367	1.023	0.056

Table 7-85-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.557	-0.903	-1.075	-1.123	-1.051	-0.834	-0.465	0.005	0.462	0.769
3011	30.10	0.722	0.293	-0.539	-1.695	-3.048	-4.460	-5.807	-6.988	-7.909	-8.471
3021	30.20	-8.575	-8.135	-7.120	-5.578	-3.641	-1.514	0.575	2.418	3.858	4.806
3031	30.30	5.233	5.159	4.646	3.789	2.718	1.582	0.524	-0.355	-1.022	-1.516
3041	30.40	-1.927	-2.338	-2.784	-3.220	-3.538	-3.614	-3.373	-2.827	-2.081	-1.291
3051	30.50	-0.598	-0.079	0.277	0.536	0.772	1.012	1.217	1.302	1.194	0.876
3061	30.60	0.415	-0.059	-0.413	-0.564	-0.523	-0.382	-0.270	-0.290	-0.471	-0.759
3071	30.70	-1.043	-1.202	-1.154	-0.874	-0.393	0.229	0.915	1.589	2.164	2.545
3081	30.80	2.631	2.345	1.671	0.677	-0.483	-1.608	-2.508	-3.064	-3.256	-3.160
3091	30.90	-2.897	-2.579	-2.270	-1.974	-1.658	-1.291	-0.869	-0.424	0.001	0.377
3101	31.00	0.705	1.007	1.294	1.538	1.663	1.575	1.208	0.581	-0.190	-0.918
3111	31.10	-1.418	-1.588	-1.464	-1.210	-1.057	-1.206	-1.736	-2.579	-3.544	-4.401
3121	31.20	-4.976	-5.206	-5.144	-4.903	-4.588	-4.236	-3.805	-3.212	-2.397	-1.374
3131	31.30	-0.248	0.821	1.673	2.216	2.449	2.453	2.343	2.217	2.118	2.031
3141	31.40	1.907	1.696	1.374	0.944	0.425	-0.164	-0.803	-1.466	-2.097	-2.604
3151	31.50	-2.870	-2.780	-2.268	-1.341	-0.082	1.384	2.931	4.463	5.924	7.264
3161	31.60	8.401	9.193	9.455	9.011	7.784	5.860	3.510	1.133	-0.850	-2.121
3171	31.70	-2.556	-2.246	-1.444	-0.464	0.432	1.094	1.500	1.710	1.805	1.840
3181	31.80	1.834	1.787	1.714	1.651	1.643	1.704	1.785	1.773	1.534	0.980
3191	31.90	0.134	-0.852	-1.732	-2.257	-2.271	-1.776	-0.929	0.026	0.861	1.449
3201	32.00	1.796	2.006	2.204	2.458	2.740	2.958	3.015	2.891	2.669	2.509
3211	32.10	2.572	2.928	3.505	4.106	4.479	4.422	3.563	2.880	1.656	0.402
3221	32.20	-0.725	-1.656	-2.401	-2.987	-3.412	-3.617	-3.518	-3.056	-2.257	-1.251
3231	32.30	-0.248	0.524	0.894	0.787	0.229	-0.683	-1.827	-3.088	-4.362	-5.545
3241	32.40	-6.513	-7.130	-7.282	-6.920	-6.097	-4.965	-3.733	-2.600	-1.691	-1.031
3251	32.50	-0.563	-0.206	0.088	0.297	0.344	0.141	-0.347	-1.067	-1.879	-2.605
3261	32.60	-3.092	-3.262	-3.142	-2.835	-2.483	-2.214	-2.111	-2.199	-2.445	-2.777
3271	32.70	-3.089	-3.255	-3.154	-2.694	-1.858	-0.725	0.529	1.668	2.466	2.780
3281	32.80	2.603	2.063	1.386	0.814	0.536	0.647	1.142	1.948	2.963	4.074
3291	32.90	5.162	6.085	6.682	6.791	6.298	5.195	3.606	1.778	0.017	-1.401
3301	33.00	-2.305	-2.663	-2.567	-2.170	-1.617	-1.003	-0.368	0.272	0.882	1.391
3311	33.10	1.699	1.720	1.422	0.849	0.106	-0.678	-1.395	-1.985	-2.427	-2.719
3321	33.20	-2.843	-2.757	-2.415	-1.800	-0.962	-0.019	0.867	1.548	1.936	2.030
3331	33.30	1.901	1.652	1.370	1.100	0.846	0.594	0.348	0.136	0.006	-0.013
3341	33.40	0.071	0.204	0.309	0.324	0.238	0.090	-0.048	-0.122	-0.132	-0.137
3351	33.50	-0.227	-0.473	-0.884	-1.393	-1.886	-2.258	-2.468	-2.560	-2.637	-2.806
3361	33.60	-3.108	-3.493	-3.823	-3.937	-3.716	-3.135	-2.271	-1.266	-0.257	0.659
3371	33.70	1.458	2.165	2.803	3.357	3.764	3.937	3.814	3.404	2.797	2.145
3381	33.80	1.603	1.274	1.182	1.276	1.468	1.688	1.912	2.163	2.475	2.852
3391	33.90	3.236	3.510	3.540	3.230	2.574	1.675	0.712	-0.109	-0.633	-0.796
3401	34.00	-0.644	-0.307	0.058	0.311	0.371	0.218	-0.118	-0.577	-1.090	-1.585
3411	34.10	-1.982	-2.197	-2.148	-1.778	-1.086	-0.139	0.918	1.896	2.602	2.892
3421	34.20	2.706	2.077	1.123	0.003	-1.121	-2.115	-2.893	-3.421	-3.705	-3.776
3431	34.30	-3.685	-3.485	-3.220	-2.923	-2.601	-2.243	-1.829	-1.345	-0.803	-0.252
3441	34.40	0.236	0.577	0.709	0.609	0.296	-0.174	-0.736	-1.330	-1.910	-2.431
3451	34.50	-2.838	-3.059	-3.013	-2.646	-1.967	-1.064	-0.105	0.717	1.234	1.371
3461	34.60	1.159	0.717	0.201	-0.266	-0.626	-0.896	-1.122	-1.333	-1.508	-1.572
3471	34.70	-1.438	-1.061	-0.472	0.229	0.914	1.493	1.964	2.412	2.963	3.706
3481	34.80	4.623	5.571	6.327	6.667	6.468	5.760	4.716	3.586	2.597	1.873
3491	34.90	1.406	1.087	0.777	0.378	-0.122	-0.661	-1.142	-1.491	-1.688	-1.766

Table 7-85-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-1.783	-1.783	-1.771	-1.716	-1.584	-1.367	-1.107	-0.884	-0.783	-0.860
3511	35.10	-1.105	-1.451	-1.786	-1.993	-1.984	-1.714	-1.181	-0.421	0.503	1.510
3521	35.20	2.497	3.353	3.970	4.271	4.232	3.892	3.342	2.692	2.029	1.389
3531	35.30	0.747	0.041	-0.790	-1.763	-2.826	-3.869	-4.747	-5.325	-5.512	-5.283
3541	35.40	-4.680	-3.794	-2.751	-1.690	-0.747	-0.042	0.337	0.357	0.042	-0.522
3551	35.50	-1.203	-1.859	-2.362	-2.627	-2.620	-2.352	-1.861	-1.209	-0.469	0.268
3561	35.60	0.697	1.319	1.462	1.322	0.974	0.572	0.302	0.317	0.682	1.342
3571	35.70	2.143	2.890	3.431	3.711	3.790	3.803	3.886	4.101	4.394	4.616
3581	35.80	4.584	4.158	3.312	2.147	0.852	-0.358	-1.319	-1.955	-2.280	-2.361
3591	35.90	-2.272	-2.063	-1.749	-1.333	-0.833	-0.302	0.178	0.520	0.671	0.628
3601	36.00	0.440	0.189	-0.049	-0.231	-0.356	-0.460	-0.584	-0.759	-0.984	-1.229
3611	36.10	-1.445	-1.578	-1.582	-1.428	-1.104	-0.630	-0.054	0.542	1.055	1.390
3621	36.20	1.485	1.345	1.047	0.721	0.503	0.480	0.649	0.910	1.097	1.045
3631	36.30	0.657	-0.057	-0.971	-1.896	-2.641	-3.081	-3.191	-3.039	-2.741	-2.413
3641	36.40	-2.121	-1.869	-1.620	-1.329	-0.977	-0.586	-0.217	0.063	0.200	0.177
3651	36.50	0.015	-0.248	-0.562	-0.886	-1.187	-1.433	-1.598	-1.662	-1.624	-1.511
3661	36.60	-1.386	-1.327	-1.399	-1.624	-1.959	-2.300	-2.504	-2.442	-2.038	-1.299
3671	36.70	-0.310	0.788	1.840	2.716	3.328	3.642	3.663	3.430	3.003	2.460
3681	36.80	1.897	1.412	1.088	0.965	1.028	1.201	1.379	1.463	1.398	1.198
3691	36.90	0.931	0.694	0.556	0.535	0.583	0.618	0.562	0.392	0.151	-0.061
3701	37.00	-0.133	0.010	0.371	0.873	1.381	1.748	1.856	1.639	1.096	0.274
3711	37.10	-0.739	-1.831	-2.870	-3.718	-4.243	-4.354	-4.026	-3.320	-2.377	-1.382
3721	37.20	-0.512	0.119	0.482	0.625	0.633	0.575	0.447	0.273	-0.061	-0.568
3731	37.30	-1.192	-1.811	-2.253	-2.364	-2.064	-1.385	-0.455	0.544	1.446	2.140
3741	37.40	2.594	2.833	2.899	2.817	2.583	2.176	1.591	0.867	0.091	-0.615
3751	37.50	-1.131	-1.369	-1.300	-0.946	-0.364	0.376	1.202	2.046	2.829	3.462
3761	37.60	3.850	3.919	3.639	3.046	2.235	1.344	0.507	-0.174	-0.653	-0.932
3771	37.70	-1.041	-1.009	-0.851	-0.564	-0.145	0.393	1.008	1.637	2.203	2.644
3781	37.80	2.916	2.999	2.883	2.563	2.035	1.307	0.414	-0.569	-1.534	-2.358
3791	37.90	-2.936	-3.216	-3.211	-2.988	-2.644	-2.272	-1.932	-1.649	-1.422	-1.248
3801	38.00	-1.138	-1.118	-1.217	-1.439	-1.749	-2.074	-2.320	-2.407	-2.295	-2.003
3811	38.10	-1.598	-1.175	-0.822	-0.595	-0.510	-0.546	-0.663	-0.811	-0.948	-1.037
3821	38.20	-1.047	-0.956	-0.759	-0.471	-0.140	0.163	0.352	0.356	0.139	-0.287
3831	38.30	-0.860	-1.487	-2.072	-2.534	-2.832	-2.960	-2.939	-2.803	-2.582	-2.293
3841	38.40	-1.936	-1.502	-0.978	-0.362	0.332	1.068	1.783	2.410	2.884	3.159
3851	38.50	3.231	3.139	2.954	2.760	2.627	2.586	2.623	2.696	2.756	2.778
3861	38.60	2.774	2.789	2.875	3.063	3.336	3.636	3.883	4.012	4.007	3.905
3871	38.70	3.781	3.708	3.714	3.763	3.768	3.629	3.285	2.747	2.107	1.500
3881	38.80	1.053	0.834	0.823	0.923	1.005	0.954	0.711	0.285	-0.268	-0.872
3891	38.90	-1.464	-2.000	-2.451	-2.789	-2.975	-2.976	-2.780	-2.423	-1.994	-1.612
3901	39.00	-1.387	-1.367	-1.519	-1.734	-1.874	-1.838	-1.608	-1.261	-0.942	-0.792
3911	39.10	-0.894	-1.229	-1.690	-2.131	-2.433	-2.547	-2.507	-2.403	-2.321	-2.304
3921	39.20	-2.330	-2.329	-2.229	-1.998	-1.664	-1.305	-1.016	-0.870	-0.890	-1.053
3931	39.30	-1.313	-1.625	-1.964	-2.323	-2.691	-3.038	-3.306	-3.421	-3.321	-2.987
3941	39.40	-2.453	-1.798	-1.123	-0.516	-0.036	0.296	0.479	0.523	0.440	0.246
3951	39.50	-0.029	-0.329	-0.588	-0.745	-0.775	-0.705	-0.606	-0.566	-0.643	-0.841
3961	39.60	-1.100	-1.319	-1.406	-1.318	-1.080	-0.772	-0.487	-0.286	-0.170	-0.085
3971	39.70	0.046	0.281	0.630	1.050	1.467	1.817	2.067	2.224	2.319	2.379
3981	39.80	2.405	2.377	2.267	2.068	1.810	1.553	1.366	1.293	1.337	1.463
3991	39.90	1.618	1.768	1.908	2.061	2.249	2.464	2.649	2.711	2.565	2.171

Table 7-85-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	1.571	0.880	0.250	-0.188	-0.367	-0.306	-0.079	0.224	0.546	0.881
4011	40.10	1.261	1.711	2.214	2.633	2.989	2.999	2.640	1.940	1.023	0.079
4021	40.20	-0.703	-1.189	-1.332	-1.178	-0.826	-0.389	0.043	0.425	0.752	1.048
4031	40.30	1.341	1.655	1.992	2.336	2.649	2.875	2.949	2.815	2.442	1.844
4041	40.40	1.086	0.275	-0.469	-1.048	-1.412	-1.569	-1.574	-1.499	-1.405	-1.318
4051	40.50	-1.234	-1.137	-1.023	-0.914	-0.854	-0.882	-1.007	-1.193	-1.362	-1.426
4061	40.60	-1.331	-1.081	-0.753	-0.463	-0.323	-0.392	-0.649	-1.003	-1.327	-1.514
4071	40.70	-1.514	-1.350	-1.100	-0.858	-0.692	-0.622	-0.626	-0.661	-0.697	-0.738
4081	40.80	-0.817	-0.974	-1.225	-1.543	-1.859	-2.063	-2.142	-2.008	-1.710	-1.321
4091	40.90	-0.924	-0.590	-0.351	-0.200	-0.112	-0.054	-0.006	0.045	0.106	0.188
4101	41.00	0.307	0.471	0.669	0.861	0.985	0.979	0.808	0.437	0.081	-0.319
4111	41.10	-0.624	-0.789	-0.817	-0.752	-0.652	-0.551	-0.445	-0.304	-0.091	0.196
4121	41.20	0.516	0.789	0.934	0.901	0.762	0.408	0.121	-0.072	-0.128	-0.060
4131	41.30	0.084	0.251	0.419	0.602	0.834	1.139	1.497	1.838	2.062	2.071
4141	41.40	1.810	1.287	0.564	-0.264	-1.102	-1.875	-2.527	-3.011	-3.279	-3.280
4151	41.50	-2.982	-2.397	-1.597	-0.713	0.100	0.710	1.044	1.113	0.991	0.780
4161	41.60	0.563	0.378	0.221	0.066	-0.099	-0.252	-0.342	-0.314	-0.141	0.155
4171	41.70	0.509	0.836	1.063	1.160	1.138	1.036	0.900	0.758	0.623	0.502
4181	41.80	0.410	0.374	0.420	0.551	0.724	0.856	0.844	0.608	0.135	-0.507
4191	41.90	-1.188	-1.760	-2.112	-2.208	-2.089	-1.843	-1.558	-1.279	-0.998	-0.672
4201	42.00	-0.266	0.219	0.722	1.146	1.396	1.414	1.206	0.833	0.388	-0.042
4211	42.10	-0.396	-0.648	-0.786	-0.807	-0.700	-0.456	-0.086	0.365	0.818	1.181
4221	42.20	1.377	1.376	1.208	0.952	0.709	0.562	0.558	0.692	0.919	1.174
4231	42.30	1.389	1.504	1.473	1.265	0.874	0.328	-0.301	-0.905	-1.356	-1.546
4241	42.40	-1.421	-1.007	-0.398	0.270	0.869	1.322	1.619	1.802	1.933	2.048
4251	42.50	2.141	2.166	2.067	1.813	1.420	0.952	0.495	0.114	-0.166	-0.363
4261	42.60	-0.520	-0.667	-0.795	-0.858	-0.794	-0.565	-0.189	0.252	0.639	0.857
4271	42.70	0.846	0.622	0.271	-0.091	-0.370	-0.522	-0.572	-0.581	-0.614	-0.700
4281	42.80	-0.815	-0.897	-0.879	-0.720	-0.435	-0.083	0.254	0.504	0.630	0.638
4291	42.90	0.563	0.438	0.277	0.064	-0.229	-0.625	-1.115	-1.648	-2.140	-2.501
4301	43.00	-2.666	-2.614	-2.380	-2.034	-1.663	-1.334	-1.085	-0.916	-0.805	-0.722
4311	43.10	-0.651	-0.593	-0.562	-0.572	-0.630	-0.726	-0.842	-0.964	-1.092	-1.248
4321	43.20	-1.466	-1.774	-2.169	-2.604	-2.984	-3.192	-3.117	-2.701	-1.959	-0.984
4331	43.30	0.072	1.044	1.798	2.264	2.440	2.382	2.164	1.845	1.452	0.982
4341	43.40	0.427	-0.202	-0.846	-1.403	-1.749	-1.775	-1.427	-0.720	0.254	1.357
4351	43.50	2.440	3.373	4.071	4.491	4.630	4.509	4.166	3.650	3.028	2.377
4361	43.60	1.777	1.289	0.941	0.709	0.533	0.333	0.050	-0.333	-0.767	-1.161
4371	43.70	-1.406	-1.417	-1.170	-0.710	-0.137	0.424	0.853	1.069	1.031	0.741
4381	43.80	0.229	-0.454	-1.234	-2.018	-2.689	-3.134	-3.262	-3.044	-2.527	-1.832
4391	43.90	-1.117	-0.527	-0.147	0.021	0.041	0.002	-0.035	-0.076	-0.191	-0.467
4401	44.00	-0.954	-1.614	-2.312	-2.855	-3.062	-2.846	-2.244	-1.409	-0.542	0.195
4411	44.10	0.742	1.157	1.575	2.125	2.855	3.693	4.461	4.946	4.980	4.503
4421	44.20	3.581	2.368	1.050	-0.213	-1.312	-2.181	-2.773	-3.030	-2.889	-2.313
4431	44.30	-1.329	-0.061	1.280	2.442	3.207	3.457	3.206	2.592	1.819	1.093
4441	44.40	0.571	0.335	0.399	0.735	1.289	1.989	2.736	3.397	3.821	3.867
4451	44.50	3.450	2.586	1.398	0.093	-1.092	-1.956	-2.380	-2.343	-1.908	-1.187
4461	44.60	-0.309	0.595	1.400	1.979	2.213	2.017	1.378	0.375	-0.810	-1.940
4471	44.70	-2.780	-3.171	-3.077	-2.587	-1.880	-1.154	-0.571	-0.214	-0.090	-0.154
4481	44.80	-0.353	-0.643	-1.002	-1.413	-1.848	-2.264	-2.609	-2.837	-2.926	-2.882
4491	44.90	-2.732	-2.506	-2.227	-1.916	-1.598	-1.322	-1.155	-1.167	-1.399	-1.829

Table 7-85-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-2.349	-2.815	-3.062	-2.972	-2.518	-1.770	-0.867	0.030	0.788	1.337
4511	45.10	1.664	1.804	1.809	1.736	1.645	1.602	1.682	1.946	2.414	3.036
4521	45.20	3.684	4.181	4.357	4.123	3.507	2.661	1.805	1.144	0.787	0.714
4531	45.30	0.789	0.830	0.590	0.322	-0.209	-0.765	-1.199	-1.426	-1.444	-1.327
4541	45.40	-1.171	-1.066	-0.964	-0.890	-0.775	-0.600	-0.402	-0.258	-0.253	-0.429
4551	45.50	-0.762	-1.158	-1.494	-1.666	-1.628	-1.404	-1.070	-0.717	-0.414	-0.194
4561	45.60	-0.053	0.023	0.041	-0.003	-0.114	-0.276	-0.429	-0.496	-0.390	-0.062
4571	45.70	0.470	1.116	1.744	2.218	2.449	2.420	2.174	1.789	1.328	0.819
4581	45.80	0.247	-0.434	-1.167	-1.963	-2.700	-3.254	-3.524	-3.471	-3.138	-2.629
4591	45.90	-2.071	-1.568	-1.168	-0.865	-0.625	-0.419	-0.255	-0.173	-0.230	-0.459
4601	46.00	-0.843	-1.303	-1.722	-1.983	-2.007	-1.780	-1.350	-0.801	-0.226	0.305
4611	46.10	0.753	1.106	1.362	1.514	1.549	1.451	1.220	0.886	0.507	0.167
4621	46.20	-0.044	-0.045	0.208	0.719	1.440	2.276	3.098	3.763	4.148	4.177
4631	46.30	3.845	3.220	2.425	1.599	0.854	0.246	-0.234	-0.637	-1.020	-1.415
4641	46.40	-1.813	-2.176	-2.464	-2.656	-2.763	-2.801	-2.766	-2.610	-2.243	-1.574
4651	46.50	-0.572	0.695	2.046	3.234	4.029	4.299	4.054	3.430	2.618	1.777
4661	46.60	0.978	0.208	-0.566	-1.312	-1.876	-2.008	-1.459	-0.124	1.848	4.042
4671	46.70	5.871	6.774	6.416	4.818	2.364	-0.335	-2.648	-4.119	-4.584	-4.158
4681	46.80	-3.138	-1.859	-0.593	0.485	1.264	1.652	1.544	0.861	-0.381	-2.005
4691	46.90	-3.663	-4.919	-5.386	-4.877	-3.484	-1.551	0.455	2.120	3.229	3.810
4701	47.00	4.064	4.220	4.384	4.466	4.220	3.376	1.803	-0.373	-2.769	-4.845
4711	47.10	-6.090	-6.196	-5.160	-3.275	-1.021	1.091	2.665	3.500	3.591	3.068
4721	47.20	2.511	0.892	-0.457	-1.829	-3.112	-4.168	-4.839	-4.979	-4.502	-3.425
4731	47.30	-1.878	-0.086	1.678	3.158	4.170	4.623	4.528	3.959	3.024	1.821
4741	47.40	0.435	-1.052	-2.534	-3.853	-4.797	-5.128	-4.648	-3.280	-1.125	1.515
4751	47.50	4.178	6.340	7.536	7.480	6.130	3.698	0.537	-2.704	-5.694	-8.010
4761	47.60	-9.433	-9.909	-9.522	-8.448	-6.911	-5.137	-3.323	-1.613	-0.093	1.211
4771	47.70	2.309	3.231	3.992	4.588	4.986	5.151	5.064	4.746	4.265	3.722
4781	47.80	3.222	2.845	2.623	2.541	2.548	2.586	2.609	2.594	2.539	2.451
4791	47.90	2.332	2.174	1.964	1.687	1.340	0.929	0.464	-0.040	-0.579	-1.145
4801	48.00	-1.726	-2.285	-2.757	-3.052	-3.072	-2.742	-2.042	-1.031	0.143	1.262
4811	48.10	2.080	2.385	2.060	1.131	-0.221	-1.695	-2.942	-3.665	-3.707	-3.095
4821	48.20	-2.028	-0.804	0.290	1.079	1.551	1.837	2.134	2.589	3.211	3.851
4831	48.30	4.242	4.118	3.324	1.892	0.043	-1.890	-3.584	-4.823	-5.554	-5.860
4841	48.40	-5.879	-5.716	-5.382	-4.804	-3.888	-2.607	-1.064	0.510	1.616	2.596
4851	48.50	2.724	2.257	1.407	0.452	-0.368	-0.938	-1.289	-1.561	-1.913	-2.436
4861	48.60	-3.097	-3.738	-4.127	-4.045	-3.362	-2.089	-0.380	1.499	3.237	4.536
4871	48.70	5.179	5.057	4.197	2.749	0.967	-0.837	-2.346	-3.296	-3.538	-3.063
4881	48.80	-2.016	-0.661	0.674	1.669	2.088	1.826	0.929	-0.426	-1.974	-3.429
4891	48.90	-4.544	-5.160	-5.230	-4.811	-4.039	-3.087	-2.130	-1.308	-0.706	-0.353
4901	49.00	-0.222	-0.250	-0.350	-0.443	-0.469	-0.408	-0.282	-0.145	-0.054	-0.062
4911	49.10	-0.083	-0.095	0.047	0.456	1.177	2.143	3.160	3.950	4.225	3.781
4921	49.20	2.579	0.775	-1.303	-3.228	-4.581	-5.039	-4.442	-2.811	-0.334	2.674
4931	49.30	5.824	8.702	10.921	12.176	12.302	11.315	9.431	7.038	4.618	2.637
4941	49.40	1.430	1.121	1.604	2.584	3.686	4.563	4.987	4.899	4.383	3.619
4951	49.50	2.805	2.104	1.613	1.365	1.346	1.518	1.826	2.202	2.563	2.809
4961	49.60	2.832	2.542	1.881	0.836	-0.559	-2.240	-4.128	-6.148	-8.225	-10.274
4971	49.70	-12.181	-13.794	-14.921	-15.357	-14.930	-13.551	-11.256	-8.218	-4.727	-1.131
4981	49.80	2.229	5.086	7.280	8.751	9.502	9.547	8.875	7.451	5.257	2.354
4991	49.90	-1.060	-4.630	-7.884	-10.323	-11.536	-11.295	-9.606	-6.696	-2.945	1.193

Table 7-85-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	5.266	8.868	11.645	13.306	13.630	12.508	9.989	6.319	1.941	-2.565
5011	50.10	-6.587	-9.600	-11.267	-11.478	-10.330	-8.066	-4.997	-1.451	2.248	5.775
5021	50.20	8.801	11.011	12.158	12.131	11.012	9.084	6.776	4.553	2.794	1.692
5031	50.30	1.205	1.090	0.986	0.529	-0.553	-2.366	-4.837	-7.733	-10.709	-13.378
5041	50.40	-15.369	-16.391	-16.273	-14.993	-12.673	-9.556	-5.960	-2.232	1.301	4.356
5051	50.50	6.707	8.192	8.719	8.279	6.967	4.991	2.656	0.326	-1.638	-2.950
5061	50.60	-3.449	-3.115	-2.055	-0.464	1.416	3.329	5.022	6.250	6.798	6.509
5071	50.70	5.329	3.342	0.785	-1.989	-4.581	-6.629	-7.891	-8.277	-7.840	-6.727
5081	50.80	-5.118	-3.190	-1.098	1.012	2.991	4.689	5.987	6.863	7.327	7.622
5091	50.90	7.977	8.621	9.664	11.040	12.504	13.684	14.193	13.731	12.166	9.554
5101	51.00	6.114	2.165	-1.938	-5.857	-9.304	-12.051	-13.942	-14.896	-14.926	-14.133
5111	51.10	-12.692	-10.823	-8.744	-6.634	-4.616	-2.759	-1.103	0.313	1.441	2.230
5121	51.20	2.647	2.707	2.480	2.080	1.623	1.216	0.878	0.586	0.278	-0.110
5131	51.30	-0.609	-1.203	-1.839	-2.448	-2.970	-3.369	-3.625	-3.723	-3.640	-3.352
5141	51.40	-2.847	-2.153	-1.353	-0.577	0.039	0.398	0.491	0.415	0.343	0.463
5151	51.50	0.896	1.636	2.530	3.313	3.688	3.433	2.475	0.927	-0.938	-2.768
5161	51.60	-4.231	-5.107	-5.335	-5.010	-4.333	-3.534	-2.799	-2.229	-1.831	-1.549
5171	51.70	-1.307	-1.050	-0.754	-0.428	-0.086	0.287	0.719	1.258	1.935	2.727
5181	51.80	3.553	4.284	4.788	4.985	4.885	4.593	4.276	4.099	4.162	4.456
5191	51.90	4.865	5.211	5.324	5.101	4.542	3.736	2.822	1.926	1.129	0.446
5201	52.00	-0.142	-0.654	-1.073	-1.337	-1.354	-1.044	-0.376	0.612	1.813	3.074
5211	52.10	4.229	5.120	5.614	5.605	5.018	3.822	2.058	-0.137	-2.525	-4.782
5221	52.20	-6.561	-7.560	-7.599	-6.665	-4.916	-2.632	-0.149	2.213	4.207	5.671
5231	52.30	6.522	6.731	6.296	5.246	3.646	1.615	-0.660	-2.945	-4.986	-6.565
5241	52.40	-7.544	-7.892	-7.688	-7.093	-6.303	-5.499	-4.809	-4.287	-3.915	-3.620
5251	52.50	-3.301	-2.858	-2.214	-1.337	-0.237	1.026	2.360	3.656	4.807	5.728
5261	52.60	6.364	6.698	6.737	6.501	6.005	5.253	4.236	2.951	1.420	-0.293
5271	52.70	-2.076	-3.780	-5.246	-6.341	-6.988	-7.172	-6.937	-6.355	-5.496	-4.402
5281	52.80	-3.090	-1.571	0.118	1.881	3.554	4.926	5.782	5.959	5.396	4.153
5291	52.90	2.404	0.400	-1.588	-3.316	-4.598	-5.321	-5.443	-4.981	-3.997	-2.595
5301	53.00	-0.906	0.918	2.725	4.376	5.764	6.820	7.506	7.807	7.710	7.205
5311	53.10	6.287	4.976	3.331	1.459	-0.496	-2.374	-4.032	-5.373	-6.355	-6.970
5321	53.20	-7.243	-7.186	-6.798	-6.067	-4.996	-3.628	-2.070	-0.484	0.937	2.016
5331	53.30	2.643	2.803	2.585	2.157	1.716	1.433	1.404	1.625	1.999	2.367
5341	53.40	2.561	2.456	2.007	1.266	0.366	-0.524	-1.242	-1.687	-1.846	-1.799
5351	53.50	-1.690	-1.686	-1.929	-2.495	-3.379	-4.491	-5.686	-6.790	-7.635	-8.077
5361	53.60	-8.027	-7.438	-6.321	-4.738	-2.802	-0.669	1.476	3.438	5.042	6.152
5371	53.70	6.692	6.652	6.078	5.058	3.700	2.114	0.405	-1.325	-2.973	-4.627
5381	53.80	-5.557	-6.234	-6.342	-5.809	-4.632	-2.895	-0.768	1.515	3.697	5.542
5391	53.90	6.879	7.636	7.836	7.584	7.024	6.300	5.517	4.732	3.955	3.177
5401	54.00	2.394	1.631	0.949	0.428	0.146	0.149	0.432	0.940	1.581	2.247
5411	54.10	2.844	3.304	3.586	3.677	3.569	3.258	2.736	2.003	1.079	0.015
5421	54.20	-1.106	-2.181	-3.104	-3.794	-4.211	-4.364	-4.301	-4.093	-3.806	-3.490
5431	54.30	-3.164	-2.829	-2.474	-2.094	-1.699	-1.310	-0.951	-0.638	-0.367	-0.115
5441	54.40	0.154	0.476	0.874	1.359	1.881	2.429	2.944	3.378	3.679	3.800
5451	54.50	3.694	3.322	2.657	1.698	0.481	-0.919	-2.386	-3.780	-4.955	-5.778
5461	54.60	-6.154	-6.037	-5.436	-4.420	-3.106	-1.648	-0.211	1.050	2.020	2.636
5471	54.70	2.900	2.871	2.641	2.312	1.970	1.671	1.433	1.251	1.110	1.002
5481	54.80	0.933	0.924	1.005	1.199	1.512	1.924	2.383	2.813	3.119	3.199
5491	54.90	2.969	2.377	1.420	0.151	-1.323	-2.861	-4.312	-5.535	-6.424	-6.910

Table 7-85-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-6.964	-6.591	-5.825	-4.733	-3.415	-2.004	-0.660	0.453	1.199	1.495
5511	55.10	1.339	0.804	0.028	-0.824	-1.589	-2.137	-2.389	-2.318	-1.946	-1.337
5521	55.20	-0.583	0.203	0.905	1.427	1.704	1.726	1.527	1.181	0.771	0.367
5531	55.30	0.014	-0.273	-0.486	-0.614	-0.623	-0.465	-0.099	0.491	1.266	2.136
5541	55.40	2.975	3.653	4.067	4.162	3.940	3.443	2.740	1.905	1.013	0.135
5551	55.50	-0.660	-1.304	-1.738	-1.922	-1.845	-1.530	-1.027	-0.402	0.269	0.915
5561	55.60	1.474	1.896	2.149	2.225	2.143	1.948	1.707	1.486	1.341	1.295
5571	55.70	1.340	1.442	1.550	1.609	1.565	1.364	0.962	0.332	-0.508	-1.477
5581	55.80	-2.418	-3.121	-3.377	-3.044	-2.114	-0.742	0.785	2.127	2.993	3.238
5591	55.90	2.895	2.150	1.258	0.446	-0.164	-0.574	-0.869	-1.150	-1.461	-1.762
5601	56.00	-1.949	-1.915	-1.610	-1.076	-0.437	0.154	0.580	0.799	0.853	0.828
5611	56.10	0.797	0.779	0.724	0.540	0.147	-0.473	-1.258	-2.081	-2.796	-3.295
5621	56.20	-3.546	-3.597	-3.556	-3.540	-3.638	-3.882	-4.246	-4.663	-5.048	-5.316
5631	56.30	-5.396	-5.234	-4.799	-4.092	-3.153	-2.070	-0.968	0.010	0.737	1.138
5641	56.40	1.211	1.031	0.724	0.430	0.261	0.271	0.450	0.740	1.063	1.358
5651	56.50	1.598	1.798	2.004	2.264	2.612	3.047	3.526	3.979	4.320	4.468
5661	56.60	4.363	3.982	3.344	2.513	1.590	0.702	-0.019	-0.463	-0.564	-0.322
5671	56.70	0.196	0.863	1.525	2.030	2.265	2.180	1.787	1.157	0.390	-0.406
5681	56.80	-1.139	-1.743	-2.173	-2.406	-2.426	-2.226	-1.811	-1.205	-0.461	0.338
5691	56.90	1.088	1.678	2.023	2.086	1.900	1.559	1.205	0.983	1.001	1.286
5701	57.00	1.773	2.317	2.733	2.849	2.564	1.870	0.859	-0.307	-1.445	-2.390
5711	57.10	-3.033	-3.325	-3.275	-2.928	-2.354	-1.636	-0.864	-0.126	0.503	0.977
5721	57.20	1.292	1.484	1.613	1.726	1.832	1.885	1.797	1.475	0.875	0.031
5731	57.30	-0.937	-1.857	-2.560	-2.936	-2.964	-2.709	-2.282	-1.792	-1.312	-0.865
5741	57.40	-0.446	-0.054	0.291	0.550	0.690	0.714	0.679	0.679	0.806	1.095
5751	57.50	1.496	1.881	2.086	1.978	1.509	0.733	-0.217	-1.185	-2.045	-2.737
5761	57.60	-3.255	-3.617	-3.824	-3.835	-3.582	-3.008	-2.108	-0.955	0.318	1.552
5771	57.70	2.617	3.445	4.029	4.402	4.594	4.607	4.416	3.993	3.347	2.542
5781	57.80	1.694	0.933	0.357	-0.002	-0.185	-0.279	-0.374	-0.525	-0.736	-0.973
5791	57.90	-1.196	-1.387	-1.557	-1.732	-1.922	-2.098	-2.188	-2.104	-1.783	-1.221
5801	58.00	-0.488	0.292	0.974	1.444	1.638	1.555	1.235	0.737	0.120	-0.553
5811	58.10	-1.214	-1.775	-2.138	-2.323	-1.997	-1.507	-0.879	-0.286	0.101	0.173
5821	58.20	-0.076	-0.547	-1.074	-1.477	-1.624	-1.473	-1.073	-0.548	-0.049	0.285
5831	58.30	0.367	0.170	-0.266	-0.856	-1.488	-2.049	-2.447	-2.636	-2.615	-2.429
5841	58.40	-2.150	-1.844	-1.551	-1.248	-0.952	-0.546	-0.004	0.676	1.446	2.217
5851	58.50	2.890	3.390	3.680	3.775	3.719	3.565	3.353	3.100	2.804	2.464
5861	58.60	2.091	1.717	1.382	1.120	0.948	0.850	0.791	0.728	0.629	0.486
5871	58.70	0.314	0.145	0.008	-0.076	-0.104	-0.090	-0.055	-0.021	-0.007	-0.020
5881	58.80	-0.061	-0.118	-0.175	-0.209	-0.204	-0.160	-0.102	-0.082	-0.170	-0.429
5891	58.90	-0.891	-1.534	-2.271	-2.974	-3.500	-3.735	-3.631	-3.214	-2.573	-1.835
5901	59.00	-1.118	-0.510	-0.048	0.268	0.460	0.551	0.551	0.453	0.242	-0.092
5911	59.10	-0.548	-1.109	-1.741	-2.394	-3.005	-3.499	-3.798	-3.832	-3.561	-2.997
5921	59.20	-2.209	-1.324	-0.693	0.145	0.508	0.593	0.478	0.293	0.174	0.220
5931	59.30	0.457	0.842	1.275	1.645	1.858	1.869	1.682	1.346	0.929	0.504
5941	59.40	0.134	-0.133	-0.261	-0.226	-0.018	0.362	0.892	1.530	2.208	2.840
5951	59.50	3.333	3.600	3.580	3.256	2.667	1.905	1.099	0.385	-0.134	-0.614
5961	59.60	-0.484	-0.430	-0.361	-0.366	-0.478	-0.660	-0.827	-0.882	-0.756	-0.437
5971	59.70	0.026	0.555	1.071	1.527	1.918	2.264	2.578	2.849	3.027	3.047
5981	59.80	2.859	2.661	1.916	1.331	0.829	0.504	0.392	0.466	0.660	0.899
5991	59.90	1.124	1.301	1.417	1.454	1.383	1.169	0.791	0.270	-0.312	-0.827

Table 7-85-13

TABLE OF CORRECTED ACCELERATION RECORD

NO.13

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-1.139	-1.150	-0.849	-0.317	0.289	0.797	1.071	1.063	0.812	0.422
6011	60.10	0.012	-0.333	-0.581	-0.759	-0.916	-1.098	-1.318	-1.562	-1.799	-2.007
6021	60.20	-2.182	-2.339	-2.496	-2.647	-2.755	-2.755	-2.581	-2.195	-1.614	-0.913
6031	60.30	-0.209	0.368	0.716	0.779	0.556	0.093	-0.539	-1.259	-1.986	-2.638
6041	60.40	-3.141	-3.428	-3.453	-3.208	-2.733	-2.112	-1.457	-0.878	-0.451	-0.202
6051	60.50	-0.106	-0.103	-0.129	-0.141	-0.124	-0.095	-0.078	-0.091	-0.129	-0.171
6061	60.60	-0.186	-0.155	-0.072	0.050	0.190	0.333	0.476	0.625	0.792	0.973
6071	60.70	1.153	1.302	1.395	1.422	1.404	1.385	1.412	1.517	1.690	1.873
6081	60.80	1.974	1.889	1.548	0.935	0.108	-0.812	-1.665	-2.295	-2.584	-2.482
6091	60.90	-2.014	-1.269	-0.377	0.527	1.327	1.945	2.344	2.526	2.516	2.353
6101	61.00	2.085	1.766	1.461	1.235	1.146	1.225	1.461	1.795	2.127	2.348
6111	61.10	2.372	2.167	1.771	1.275	0.793	0.416	0.182	0.060	-0.026	-0.165
6121	61.20	-0.417	-0.787	-1.226	-1.649	-1.971	-2.143	-2.161	-2.069	-1.931	-1.807
6131	61.30	-1.729	-1.697	-1.677	-1.624	-1.493	-1.260	-0.928	-0.530	-0.127	0.207
6141	61.40	0.395	0.382	0.151	-0.270	-0.808	-1.369	-1.862	-2.230	-2.457	-2.572
6151	61.50	-2.617	-2.628	-2.607	-2.524	-2.331	-1.990	-1.496	-0.889	-0.235	0.389
6161	61.60	0.932	1.375	1.724	1.994	2.182	2.259	2.181	1.913	1.458	0.873
6171	61.70	0.254	-0.289	-0.672	-0.862	-0.882	-0.790	-0.641	-0.461	-0.234	0.081
6181	61.80	0.521	1.084	1.722	2.348	2.867	3.208	3.347	3.307	3.131	2.862
6191	61.90	2.524	2.120	1.648	1.125	0.598	0.131	-0.216	-0.422	-0.519	-0.582
6201	62.00	-0.697	-0.911	-1.205	-1.483	-1.613	-1.478	-1.030	-0.326	0.491	1.236
6211	62.10	1.749	1.949	1.853	1.555	1.182	0.836	0.567	0.370	0.208	0.048
6221	62.20	-0.112	-0.251	-0.336	-0.358	-0.343	-0.346	-0.428	-0.620	-0.905	-1.227
6231	62.30	-1.518	-1.733	-1.873	-1.982	-2.112	-2.283	-2.460	-2.554	-2.462	-2.120
6241	62.40	-1.541	-0.827	-0.130	0.401	0.678	0.702	0.545	0.310	0.071	-0.143
6251	62.50	-0.350	-0.569	-0.778	-0.899	-0.815	-0.428	0.283	1.226	2.215	3.027
6261	62.60	3.487	3.525	3.195	2.631	1.982	1.341	0.726	0.091	-0.607	-1.363
6271	62.70	-2.095	-2.673	-2.976	-2.957	-2.673	-2.264	-1.892	-1.668	-1.604	-1.614
6281	62.80	-1.561	-1.330	-0.886	-0.286	0.343	0.867	1.193	1.299	1.217	0.999
6291	62.90	0.685	0.290	-0.185	-0.718	-1.250	-1.686	-1.931	-1.931	-1.713	-1.377
6301	63.00	-1.058	-0.871	-0.852	-0.948	-1.037	-0.993	-0.739	-0.292	0.250	0.749
6311	63.10	1.086	1.205	1.127	0.931	0.716	0.560	0.507	0.566	0.730	0.990
6321	63.20	1.337	1.749	2.182	2.566	2.815	2.861	2.673	2.278	1.748	1.174
6331	63.30	0.635	0.177	-0.184	-0.452	-0.620	-0.663	-0.543	-0.230	0.270	0.903
6341	63.40	1.579	2.198	2.680	2.992	3.144	3.167	3.089	2.918	2.640	2.244
6351	63.50	1.747	1.199	0.681	0.270	0.003	-0.140	-0.226	-0.336	-0.515	-0.748
6361	63.60	-0.959	-1.048	-0.966	-0.662	-0.291	0.012	0.094	-0.135	-0.668	-1.399
6371	63.70	-2.169	-2.823	-3.259	-3.444	-3.406	-3.195	-2.852	-2.397	-1.833	-1.173
6381	63.80	-0.456	0.250	0.866	1.325	1.600	1.703	1.670	1.536	1.313	0.991
6391	63.90	0.553	0.006	-0.600	-1.176	-1.619	-1.848	-1.842	-1.643	-1.341	-1.030
6401	64.00	-0.774	-0.582	-0.418	-0.232	0.006	0.282	0.542	0.716	0.750	0.636
6411	64.10	0.410	0.135	-0.127	-0.338	-0.493	-0.605	-0.689	-0.745	-0.756	-0.703
6421	64.20	-0.582	-0.416	-0.246	-0.114	-0.040	-0.003	0.042	0.151	0.349	0.614
6431	64.30	0.881	1.064	1.098	0.973	0.735	0.474	0.277	0.190	0.197	0.225
6441	64.40	0.178	-0.014	-0.365	-0.818	-1.269	-1.604	-1.738	-1.647	-1.369	-0.989
6451	64.50	-0.609	-0.316	-0.162	-0.155	-0.261	-0.415	-0.535	-0.543	-0.380	-0.032
6461	64.60	0.665	1.017	1.493	1.756	1.700	1.286	0.552	-0.389	-1.391	-2.306
6471	64.70	-3.026	-3.499	-3.726	-3.739	-3.581	-3.284	-2.871	-2.355	-1.757	-1.108
6481	64.80	-0.447	0.189	0.777	1.313	1.803	2.248	2.632	2.912	3.034	2.948
6491	64.90	2.639	2.138	1.527	0.920	0.430	0.144	0.096	0.264	0.582	0.957

Table 7-85-14

TABLE OF CORRECTED ACCELERATION RECORD

NO.14

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	1.296	1.528	1.614	1.554	1.385	1.165	0.963	0.833	0.803	0.863
6511	65.10	0.969	1.058	1.073	0.984	0.803	0.572	0.351	0.185	0.088	0.041
6521	65.20	0.007	-0.065	-0.118	-0.180	-0.182	-0.083	0.120	0.383	0.623	0.751
6531	65.30	0.712	0.500	0.170	-0.193	-0.502	-0.699	-0.764	-0.713	-0.572	-0.365
6541	65.40	-0.106	0.192	0.500	0.773	0.955	1.006	0.926	0.773	0.640	0.626
6551	65.50	0.789	1.114	1.518	1.875	2.076	2.070	1.880	1.592	1.302	1.071
6561	65.60	0.902	0.743	0.531	0.234	-0.120	-0.453	-0.666	-0.700	-0.565	-0.343
6571	65.70	-0.156	-0.115	-0.267	-0.579	-0.960	-1.301	-1.524	-1.612	-1.604	-1.566
6581	65.80	-1.551	-1.577	-1.616	-1.627	-1.576	-1.466	-1.338	-1.253	-1.266	-1.403
6591	65.90	-1.650	-1.960	-2.273	-2.530	-2.684	-2.702	-2.564	-2.265	-1.823	-1.281
6601	66.00	-0.708	-0.194	0.177	0.349	0.308	0.084	-0.270	-0.696	-1.149	-1.605
6611	66.10	-2.041	-2.421	-2.686	-2.759	-2.581	-2.133	-1.470	-0.708	0.001	0.525
6621	66.20	0.788	0.796	0.619	0.354	0.083	-0.159	-0.379	-0.601	-0.835	-1.052
6631	66.30	-1.194	-1.194	-1.020	-0.693	-0.285	0.108	0.413	0.606	0.719	0.817
6641	66.40	0.955	1.149	1.345	1.538	1.609	1.560	1.427	1.285	1.211	1.246
6651	66.50	1.379	1.558	1.718	1.820	1.869	1.907	1.986	2.131	2.325	2.513
6661	66.60	2.628	2.627	2.512	2.327	2.130	1.965	1.837	1.712	1.548	1.323
6671	66.70	1.051	0.786	0.587	0.486	0.466	0.466	0.414	0.271	0.058	-0.144
6681	66.80	-0.227	-0.111	0.219	0.696	1.202	1.618	1.873	1.971	1.972	1.948
6691	66.90	1.933	1.899	1.764	1.438	0.878	0.124	-0.702	-1.442	-1.962	-2.200
6701	67.00	-2.191	-2.034	-1.850	-1.721	-1.660	-1.623	-1.533	-1.333	-1.011	-0.609
6711	67.10	-0.200	0.142	0.367	0.458	0.422	0.277	0.038	-0.276	-0.639	-1.008
6721	67.20	-1.327	-1.543	-1.627	-1.589	-1.472	-1.332	-1.206	-1.096	-0.967	-0.773
6731	67.30	-0.491	-0.168	0.184	0.413	0.475	0.368	0.159	-0.041	-0.135	-0.082
6741	67.40	0.081	0.257	0.343	0.284	0.103	-0.114	-0.257	-0.262	-0.147	-0.008
6751	67.50	0.023	-0.151	-0.541	-1.060	-1.553	-1.871	-1.929	-1.749	-1.436	-1.130
6761	67.60	-0.938	-0.891	-0.940	-0.988	-0.948	-0.783	-0.521	-0.235	0.001	0.147
6771	67.70	0.208	0.221	0.226	0.237	0.231	0.169	0.020	-0.207	-0.460	-0.660
6781	67.80	-0.735	-0.647	-0.409	-0.071	0.301	0.655	0.964	1.223	1.435	1.592
6791	67.90	1.671	1.645	1.500	1.254	0.956	0.672	0.459	0.348	0.334	0.387
6801	68.00	0.477	0.587	0.720	0.888	1.094	1.315	1.501	1.596	1.563	1.403
6811	68.10	1.159	0.897	0.676	0.520	0.409	0.297	0.134	-0.098	-0.377	-0.647
6821	68.20	-0.849	-0.955	-0.980	-0.977	-1.012	-1.125	-1.310	-1.513	-1.661	-1.690
6831	68.30	-1.581	-1.365	-1.110	-0.893	-0.768	-0.751	-0.819	-0.929	-1.041	-1.130
6841	68.40	-1.187	-1.218	-1.224	-1.204	-1.154	-1.075	-0.977	-0.880	-0.801	-0.747
6851	68.50	-0.706	-0.650	-0.552	-0.399	-0.205	-0.007	0.151	0.235	0.239	0.185
6861	68.60	0.111	0.046	0.003	-0.031	-0.080	-0.163	-0.276	-0.390	-0.463	-0.460
6871	68.70	-0.369	-0.210	-0.021	0.161	0.319	0.459	0.607	0.784	0.991	1.204
6881	68.80	1.381	1.489	1.520	1.504	1.495	1.543	1.678	1.877	2.086	2.237
6891	68.90	2.277	2.198	2.033	1.844	1.695	1.624	1.639	1.715	1.819	1.922
6901	69.00	2.003	2.049	2.035	1.925	1.674	1.249	0.653	-0.059	-0.785	-1.402
6911	69.10	-1.805	-1.937	-1.813	-1.503	-1.110	-0.727	-0.415	-0.193	-0.047	0.049
6921	69.20	0.111	0.143	0.139	0.093	0.014	-0.082	-0.179	-0.271	-0.374	-0.516
6931	69.30	-0.726	-1.007	-1.330	-1.637	-1.851	-1.911	-1.786	-1.488	-1.070	-0.601
6941	69.40	-0.153	0.220	0.485	0.634	0.675	0.627	0.517	0.374	0.227	0.093
6951	69.50	-0.022	-0.127	-0.240	-0.374	-0.528	-0.679	-0.790	-0.826	-0.776	-0.662
6961	69.60	-0.539	-0.469	-0.495	-0.618	-0.787	-0.923	-0.951	-0.835	-0.598	-0.316
6971	69.70	-0.085	0.021	-0.022	-0.175	-0.356	-0.481	-0.495	-0.398	-0.240	-0.093
6981	69.80	-0.022	-0.057	-0.184	-0.361	-0.542	-0.692	-0.804	-0.885	-0.948	-0.995
6991	69.90	-1.008	-0.963	-0.836	-0.620	-0.333	-0.008	0.308	0.578	0.771	0.872

Table 7-85-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	0.875	0.779	0.587	0.313	-0.020	-0.375	-0.712	-0.991	-1.189	-1.300
7011	70.10	-1.332	-1.299	-1.203	-1.037	-0.787	-0.440	-0.009	0.468	0.928	1.302
7021	70.20	1.538	1.619	1.563	1.421	1.248	1.083	0.946	0.826	0.716	0.616
7031	70.30	0.546	0.535	0.612	0.775	0.988	1.186	1.302	1.293	1.164	0.967
7041	70.40	0.777	0.658	0.635	0.679	0.728	0.717	0.614	0.444	0.277	0.195
7051	70.50	0.253	0.449	0.721	0.974	1.123	1.134	1.034	0.898	0.804	0.795
7061	70.60	0.858	0.925	0.916	0.775	0.501	0.149	-0.196	-0.460	-0.606	-0.651
7071	70.70	-0.639	-0.614	-0.590	-0.547	-0.445	-0.258	0.005	0.290	0.523	0.645
7081	70.80	0.640	0.544	0.430	0.367	0.385	0.458	0.520	0.500	0.359	0.117
7091	70.90	-0.159	-0.381	-0.487	-0.464	-0.352	-0.224	-0.148	-0.161	-0.258	-0.408
7101	71.00	-0.576	-0.743	-0.909	-1.082	-1.254	-1.396	-1.456	-1.383	-1.156	-0.797
7111	71.10	-0.365	0.060	0.411	0.658	0.803	0.868	0.869	0.800	0.636	0.352
7121	71.20	-0.046	-0.508	-0.943	-1.250	-1.351	-1.224	-0.913	-0.505	-0.099	0.225
7131	71.30	0.424	0.486	0.414	0.209	-0.137	-0.627	-1.243	-1.924	-2.578	-3.099
7141	71.40	-3.400	-3.445	-3.254	-2.895	-2.449	-1.986	-1.542	-1.123	-0.723	-0.343
7151	71.50	0.000	0.277	0.459	0.532	0.508	0.411	0.269	0.098	-0.098	-0.320
7161	71.60	-0.557	-0.782	-0.952	-1.033	-1.016	-0.933	-0.841	-0.806	-0.861	-0.991
7171	71.70	-1.132	-1.199	-1.122	-0.881	-0.512	-0.092	0.303	0.624	0.871	1.076
7181	71.80	1.279	1.489	1.677	1.784	1.755	1.571	1.267	0.921	0.623	0.433
7191	71.90	0.360	0.364	0.383	0.374	0.337	0.319	0.388	0.593	0.935	1.361
7201	72.00	1.782	2.113	2.303	2.353	2.307	2.222	2.137	2.059	1.969	1.840
7211	72.10	1.663	1.455	1.253	1.094	0.994	0.936	0.882	0.796	0.660	0.493
7221	72.20	0.333	0.221	0.177	0.189	0.224	0.248	0.247	0.238	0.261	0.350
7231	72.30	0.517	0.733	0.943	1.086	1.127	1.068	0.947	0.814	0.697	0.594
7241	72.40	0.470	0.278	-0.006	-0.368	-0.753	-1.088	-1.310	-1.394	-1.354	-1.232
7251	72.50	-1.069	-0.891	-0.698	-0.478	-0.231	0.017	0.214	0.303	0.255	0.084
7261	72.60	-0.150	-0.363	-0.491	-0.521	-0.499	-0.514	-0.652	-0.954	-1.389	-1.861
7271	72.70	-2.249	-2.448	-2.414	-2.172	-1.799	-1.387	-1.005	-0.675	-0.386	-0.106
7281	72.80	0.181	0.466	0.710	0.873	0.931	0.892	0.797	0.700	0.668	0.655
7291	72.90	0.706	0.765	0.790	0.758	0.664	0.520	0.347	0.160	-0.029	-0.217
7301	73.00	-0.395	-0.547	-0.654	-0.702	-0.688	-0.628	-0.552	-0.496	-0.483	-0.524
7311	73.10	-0.607	-0.710	-0.811	-0.893	-0.953	-0.993	-1.019	-1.032	-1.028	-1.001
7321	73.20	-0.946	-0.859	-0.739	-0.586	-0.397	-0.174	0.074	0.324	0.536	0.664
7331	73.30	0.666	0.522	0.246	-0.122	-0.523	-0.903	-1.229	-1.496	-1.715	-1.903
7341	73.40	-2.061	-2.164	-2.175	-2.055	-1.790	-1.405	-0.956	-0.519	-0.165	0.067
7351	73.50	0.171	0.174	0.113	0.021	-0.090	-0.219	-0.374	-0.554	-0.743	-0.913
7361	73.60	-1.037	-1.095	-1.088	-1.026	-0.922	-0.785	-0.606	-0.374	-0.080	0.269
7371	73.70	0.644	1.003	1.304	1.524	1.659	1.729	1.758	1.762	1.743	1.694
7381	73.80	1.608	1.501	1.412	1.399	1.515	1.789	2.204	2.702	3.201	3.622
7391	73.90	3.913	4.059	4.073	3.978	3.793	3.517	3.147	2.687	2.172	1.666
7401	74.00	1.252	0.999	0.938	1.044	1.241	1.433	1.535	1.502	1.341	1.097
7411	74.10	0.826	0.571	0.366	0.141	-0.057	-0.252	-0.422	-0.532	-0.551	-0.473
7421	74.20	-0.330	-0.184	-0.108	-0.155	-0.341	-0.640	-0.992	-1.335	-1.618	-1.820
7431	74.30	-1.944	-2.003	-2.009	-1.964	-1.861	-1.693	-1.472	-1.222	-0.987	-0.808
7441	74.40	-0.714	-0.715	-0.795	-0.927	-1.080	-1.227	-1.351	-1.442	-1.493	-1.501
7451	74.50	-1.467	-1.403	-1.334	-1.289	-1.296	-1.368	-1.498	-1.652	-1.787	-1.860
7461	74.60	-1.847	-1.747	-1.576	-1.361	-1.121	-0.861	-0.576	-0.257	0.094	0.456
7471	74.70	0.791	1.051	1.195	1.199	1.061	0.804	0.466	0.097	-0.253	-0.531
7481	74.80	-0.687	-0.684	-0.503	-0.161	0.292	0.775	1.194	1.468	1.552	1.450
7491	74.90	1.206	0.889	0.564	0.272	0.019	-0.213	-0.451	-0.708	-0.975	-1.219

Table 7-85-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-1.398	-1.478	-1.448	-1.327	-1.148	-0.956	-0.787	-0.659	-0.574	-0.522
7511	75.10	-0.484	-0.441	-0.379	-0.290	-0.175	-0.042	0.093	0.211	0.299	0.350
7521	75.20	0.374	0.388	0.411	0.451	0.501	0.543	0.556	0.533	0.492	0.471
7531	75.30	0.513	0.640	0.836	1.040	1.165	1.130	0.898	0.494	0.002	-0.464
7541	75.40	-0.805	-0.971	-0.976	-0.881	-0.759	-0.662	-0.589	-0.502	-0.348	-0.094
7551	75.50	0.246	0.615	0.933	1.133	1.189	1.122	0.984	0.827	0.678	0.533
7561	75.60	0.369	0.172	-0.041	-0.216	-0.282	-0.184	0.086	0.478	0.897	1.243
7571	75.70	1.446	1.489	1.408	1.258	1.090	0.915	0.715	0.456	0.125	-0.254
7581	75.80	-0.616	-0.884	-1.000	-0.951	-0.778	-0.554	-0.348	-0.196	-0.091	0.006
7591	75.90	0.133	0.298	0.473	0.603	0.639	0.566	0.417	0.261	0.171	0.186
7601	76.00	0.297	0.449	0.571	0.613	0.565	0.462	0.358	0.290	0.262	0.241
7611	76.10	0.176	0.035	-0.169	-0.382	-0.523	-0.524	-0.363	-0.070	0.282	0.608
7621	76.20	0.849	0.980	1.017	0.987	0.914	0.806	0.657	0.468	0.262	0.080
7631	76.30	-0.025	-0.025	0.075	0.224	0.350	0.391	0.327	0.187	0.036	-0.057
7641	76.40	-0.056	0.025	0.132	0.198	0.181	0.084	-0.045	-0.145	-0.171	-0.120
7651	76.50	-0.037	0.013	-0.027	-0.180	-0.427	-0.725	-1.031	-1.324	-1.606	-1.887
7661	76.60	-2.156	-2.373	-2.469	-2.378	-2.075	-1.599	-1.054	-0.577	-0.290	-0.251
7671	76.70	-0.437	-0.754	-1.077	-1.300	-1.368	-1.287	-1.101	-0.864	-0.612	-0.353
7681	76.80	-0.078	0.215	0.509	0.763	0.931	0.983	0.922	0.786	0.634	0.520
7691	76.90	0.471	0.481	0.520	0.553	0.559	0.538	0.505	0.476	0.454	0.425
7701	77.00	0.367	0.263	0.114	-0.058	-0.220	-0.343	-0.411	-0.434	-0.432	-0.430
7711	77.10	-0.440	-0.463	-0.492	-0.523	-0.563	-0.627	-0.728	-0.868	-1.025	-1.162
7721	77.20	-1.242	-1.243	-1.177	-1.081	-1.004	-0.981	-1.015	-1.067	-1.081	-1.002
7731	77.30	-0.810	-0.528	-0.217	0.050	0.216	0.263	0.215	0.122	0.034	-0.016
7741	77.40	-0.022	0.003	0.044	0.096	0.172	0.290	0.459	0.666	0.875	1.041
7751	77.50	1.134	1.151	1.127	1.111	1.148	1.251	1.393	1.520	1.577	1.536
7761	77.60	1.413	1.266	1.165	1.162	1.271	1.456	1.652	1.793	1.841	1.796
7771	77.70	1.688	1.555	1.420	1.280	1.111	0.888	0.610	0.308	0.040	-0.130
7781	77.80	-0.157	-0.038	0.191	0.468	0.730	0.932	1.056	1.104	1.087	1.010
7791	77.90	0.873	0.674	0.423	0.150	-0.098	-0.274	-0.345	-0.313	-0.208	-0.080
7801	78.00	0.024	0.077	0.083	0.064	0.046	0.040	0.037	0.013	-0.056	-0.178
7811	78.10	-0.334	-0.489	-0.607	-0.671	-0.689	-0.698	-0.735	-0.827	-0.967	-1.117
7821	78.20	-1.222	-1.237	-1.146	-0.976	-0.787	-0.649	-0.617	-0.707	-0.888	-1.095
7831	78.30	-1.250	-1.293	-1.201	-0.996	-0.734	-0.483	-0.300	-0.213	-0.208	-0.244
7841	78.40	-0.269	-0.240	-0.138	0.023	0.213	0.394	0.540	0.642	0.713	0.768
7851	78.50	0.817	0.851	0.850	0.786	0.643	0.430	0.179	-0.065	-0.262	-0.394
7861	78.60	-0.470	-0.522	-0.584	-0.676	-0.787	-0.886	-0.931	-0.892	-0.770	-0.593
7871	78.70	-0.411	-0.268	-0.189	-0.171	-0.189	-0.216	-0.241	-0.276	-0.349	-0.491
7881	78.80	-0.712	-0.993	-1.287	-1.534	-1.684	-1.718	-1.648	-1.511	-1.354	-1.211
7891	78.90	-1.099	-1.013	-0.939	-0.862	-0.778	-0.688	-0.595	-0.496	-0.384	-0.248
7901	79.00	-0.083	0.102	0.286	0.442	0.545	0.590	0.585	0.558	0.535	0.539
7911	79.10	0.575	0.639	0.717	0.798	0.875	0.943	0.994	1.009	0.968	0.850
7921	79.20	0.654	0.399	0.131	-0.095	-0.232	-0.259	-0.186	-0.054	0.089	0.210
7931	79.30	0.297	0.362	0.428	0.505	0.580	0.619	0.584	0.457	0.256	0.036
7941	79.40	-0.134	-0.196	-0.137	0.009	0.170	0.271	0.268	0.122	0.043	-0.041
7951	79.50	-0.019	0.121	0.334	0.539	0.659	0.656	0.548	0.400	0.292	0.276
7961	79.60	0.356	0.485	0.592	0.620	0.557	0.437	0.328	0.292	0.356	0.498
7971	79.70	0.656	0.766	0.786	0.723	0.617	0.523	0.476	0.468	0.456	0.388
7981	79.80	0.231	-0.001	-0.247	-0.425	-0.471	-0.370	-0.166	0.055	0.204	0.231
7991	79.90	0.140	-0.008	-0.134	-0.174	-0.111	0.016	0.133	0.167	0.072	-0.150

Table 7-85-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-0.454	-0.776	-1.057	-1.260	-1.375	-1.407	-1.366	-1.261	-1.100	-0.898
8011	80.10	-0.685	-0.499	-0.378	-0.342	-0.384	-0.470	-0.552	-0.589	-0.558	-0.467
8021	80.20	-0.336	-0.188	-0.032	0.141	0.344	0.582	0.836	1.067	1.228	1.287
8031	80.30	1.241	1.120	0.972	0.841	0.749	0.685	0.624	0.540	0.432	0.321
8041	80.40	0.243	0.222	0.255	0.305	0.320	0.257	0.114	-0.070	-0.226	-0.289
8051	80.50	-0.228	-0.061	0.149	0.329	0.425	0.425	0.360	0.280	0.231	0.231
8061	80.60	0.271	0.331	0.394	0.460	0.562	0.649	0.772	0.877	0.921	0.878
8071	80.70	0.755	0.616	0.527	0.552	0.705	0.939	1.161	1.278	1.238	1.052
8081	80.80	0.791	0.546	0.381	0.308	0.279	0.224	0.091	-0.126	-0.375	-0.581
8091	80.90	-0.688	-0.689	-0.636	-0.611	-0.683	-0.872	-1.137	-1.397	-1.571	-1.619
8101	81.00	-1.556	-1.437	-1.323	-1.242	-1.181	-1.096	-0.946	-0.729	-0.485	-0.286
8111	81.10	-0.191	-0.216	-0.320	-0.421	-0.442	-0.348	-0.168	0.018	0.123	0.097
8121	81.20	-0.050	-0.250	-0.419	-0.501	-0.499	-0.474	-0.509	-0.665	-0.945	-1.287
8131	81.30	-1.597	-1.791	-1.835	-1.759	-1.633	-1.534	-1.496	-1.503	-1.492	-1.396
8141	81.40	-1.179	-0.855	-0.490	-0.164	0.058	0.156	0.151	0.093	0.026	-0.026
8151	81.50	-0.066	-0.110	-0.164	-0.215	-0.228	-0.170	-0.029	0.174	0.385	0.543
8161	81.60	0.605	0.568	0.473	0.383	0.360	0.431	0.582	0.765	0.917	0.990
8171	81.70	0.964	0.856	0.700	0.536	0.395	0.289	0.222	0.193	0.201	0.252
8181	81.80	0.346	0.476	0.626	0.773	0.897	0.987	1.043	1.075	1.092	1.096
8191	81.90	1.082	1.040	0.962	0.855	0.732	0.618	0.532	0.489	0.489	0.529
8201	82.00	0.602	0.708	0.847	1.017	1.202	1.374	1.497	1.537	1.478	1.330
8211	82.10	1.122	0.897	0.688	0.514	0.371	0.251	0.149	0.072	0.043	0.084
8221	82.20	0.202	0.375	0.559	0.698	0.750	0.703	0.580	0.419	0.259	0.110
8231	82.30	-0.046	-0.245	-0.517	-0.864	-1.249	-1.607	-1.874	-2.012	-2.026	-1.957
8241	82.40	-1.858	-1.766	-1.681	-1.578	-1.420	-1.197	-0.937	-0.709	-0.590	-0.632
8251	82.50	-0.831	-1.124	-1.412	-1.599	-1.635	-1.531	-1.351	-1.174	-1.062	-1.028
8261	82.60	-1.041	-1.046	-0.998	-0.884	-0.728	-0.573	-0.450	-0.361	-0.276	-0.164
8271	82.70	0.002	0.201	0.380	0.467	0.419	0.241	-0.000	-0.204	-0.277	-0.176
8281	82.80	0.069	0.364	0.593	0.662	0.544	0.285	-0.016	-0.247	-0.333	-0.254
8291	82.90	-0.051	0.200	0.424	0.572	0.635	0.630	0.584	0.518	0.440	0.346
8301	83.00	0.239	0.133	0.054	0.034	0.092	0.227	0.415	0.622	0.812	0.960
8311	83.10	1.057	1.102	1.096	1.034	0.908	0.719	0.483	0.235	0.019	-0.127
8321	83.20	-0.191	-0.190	-0.165	-0.161	-0.198	-0.262	-0.308	-0.278	-0.137	0.108
8331	83.30	0.403	0.669	0.831	0.857	0.766	0.625	0.514	0.494	0.573	0.713
8341	83.40	0.838	0.878	0.795	0.596	0.332	0.070	-0.130	-0.238	-0.257	-0.213
8351	83.50	-0.139	-0.062	0.009	0.079	0.160	0.269	0.419	0.619	0.867	1.146
8361	83.60	1.422	1.646	1.762	1.727	1.531	1.204	0.813	0.445	0.171	0.028
8371	83.70	0.000	0.039	0.082	0.088	0.053	0.008	-0.004	0.044	0.143	0.248
8381	83.80	0.299	0.250	0.102	-0.101	-0.280	-0.364	-0.313	-0.142	0.092	0.317
8391	83.90	0.477	0.553	0.567	0.558	0.559	0.574	0.580	0.537	0.418	0.218
8401	84.00	-0.031	-0.283	-0.497	-0.652	-0.759	-0.841	-0.919	-0.995	-1.044	-1.031
8411	84.10	-0.930	-0.744	-0.513	-0.301	-0.167	-0.146	-0.231	-0.379	-0.528	-0.625
8421	84.20	-0.643	-0.590	-0.494	-0.393	-0.314	-0.274	-0.278	-0.331	-0.446	-0.635
8431	84.30	-0.903	-1.236	-1.591	-1.908	-2.123	-2.193	-2.114	-1.917	-1.661	-1.409
8441	84.40	-1.206	-1.069	-0.987	-0.934	-0.890	-0.842	-0.794	-0.753	-0.727	-0.710
8451	84.50	-0.693	-0.663	-0.614	-0.550	-0.481	-0.419	-0.371	-0.337	-0.316	-0.307
8461	84.60	-0.314	-0.340	-0.377	-0.403	-0.381	-0.277	-0.075	0.204	0.501	0.737
8471	84.70	0.841	0.783	0.593	0.350	0.150	0.067	0.117	0.252	0.387	0.436
8481	84.80	0.361	0.189	0.001	-0.110	-0.079	0.100	0.366	0.627	0.798	0.835
8491	84.90	0.751	0.597	0.434	0.301	0.203	0.120	0.029	-0.075	-0.170	-0.220

Table 7-85-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-0.198	-0.104	0.033	0.166	0.256	0.295	0.307	0.333	0.405	0.522
8511	85.10	0.653	0.746	0.763	0.699	0.592	0.499	0.472	0.526	0.631	0.729
8521	85.20	0.765	0.712	0.586	0.434	0.308	0.235	0.207	0.195	0.170	0.129
8531	85.30	0.104	0.139	0.263	0.463	0.678	0.821	0.819	0.654	0.378	0.090
8541	85.40	-0.106	-0.149	-0.054	0.102	0.215	0.209	0.076	-0.122	-0.283	-0.314
8551	85.50	-0.177	0.093	0.409	0.672	0.815	0.824	0.735	0.601	0.465	0.335
8561	85.60	0.194	0.016	-0.204	-0.437	-0.632	-0.740	-0.737	-0.638	-0.488	-0.337
8571	85.70	-0.211	-0.102	0.024	0.199	0.426	0.666	0.850	0.910	0.814	0.587
8581	85.80	0.305	0.063	-0.064	-0.054	0.061	0.209	0.317	0.343	0.292	0.201
8591	85.90	0.121	0.085	0.097	0.138	0.179	0.208	0.231	0.270	0.343	0.445
8601	86.00	0.547	0.603	0.577	0.458	0.272	0.073	-0.084	-0.162	-0.159	-0.103
8611	86.10	-0.033	0.019	0.045	0.054	0.062	0.076	0.087	0.070	0.009	-0.096
8621	86.20	-0.218	-0.311	-0.339	-0.289	-0.181	-0.066	0.005	0.003	-0.067	-0.169
8631	86.30	-0.255	-0.297	-0.297	-0.291	-0.325	-0.425	-0.586	-0.764	-0.902	-0.958
8641	86.40	-0.928	-0.847	-0.779	-0.779	-0.869	-1.026	-1.192	-1.302	-1.312	-1.216
8651	86.50	-1.041	-0.831	-0.625	-0.444	-0.290	-0.157	-0.050	0.020	0.037	-0.003
8661	86.60	-0.082	-0.161	-0.196	-0.163	-0.077	0.012	0.037	-0.052	-0.257	-0.530
8671	86.70	-0.784	-0.935	-0.936	-0.798	-0.580	-0.359	-0.193	-0.092	-0.028	0.048
8681	86.80	0.169	0.328	0.480	0.567	0.552	0.446	0.307	0.214	0.225	0.347
8691	86.90	0.529	0.686	0.740	0.662	0.486	0.291	0.163	0.151	0.245	0.380
8701	87.00	0.476	0.478	0.387	0.257	0.172	0.194	0.336	0.548	0.741	0.826
8711	87.10	0.759	0.560	0.302	0.084	-0.013	0.045	0.234	0.489	0.731	0.892
8721	87.20	0.939	0.873	0.719	0.516	0.306	0.123	-0.009	-0.074	-0.072	-0.013
8731	87.30	0.079	0.177	0.258	0.311	0.340	0.356	0.373	0.391	0.399	0.379
8741	87.40	0.316	0.212	0.087	-0.031	-0.111	-0.146	-0.149	-0.147	-0.168	-0.222
8751	87.50	-0.291	-0.338	-0.328	-0.242	-0.097	0.068	0.203	0.275	0.283	0.256
8761	87.60	0.237	0.251	0.295	0.329	0.297	0.157	-0.095	-0.418	-0.741	-0.988
8771	87.70	-1.119	-1.138	-1.095	-1.056	-1.074	-1.162	-1.289	-1.398	-1.434	-1.369
8781	87.80	-1.217	-1.023	-0.848	-0.738	-0.712	-0.754	-0.830	-0.901	-0.940	-0.942
8791	87.90	-0.916	-0.877	-0.839	-0.806	-0.776	-0.744	-0.703	-0.653	-0.595	-0.533
8801	88.00	-0.467	-0.399	-0.329	-0.259	-0.196	-0.143	-0.104	-0.080	-0.067	-0.059
8811	88.10	-0.050	-0.035	-0.013	0.017	0.055	0.099	0.147	0.198	0.249	0.294
8821	88.20	0.330	0.355	0.363	0.353	0.320	0.263	0.187	0.104	0.039	0.022
8831	88.30	0.081	0.230	0.661	0.741	1.019	1.248	1.395	1.454	1.451	1.423
8841	88.40	1.409	1.426	1.465	1.494	1.474	1.380	1.209	0.987	0.759	0.568
8851	88.50	0.445	0.398	0.411	0.457	0.507	0.543	0.558	0.558	0.556	0.563
8861	88.60	0.591	0.643	0.720	0.817	0.922	1.024	1.104	1.149	1.149	1.106
8871	88.70	1.028	0.930	0.824	0.719	0.610	0.489	0.343	0.170	-0.023	-0.212
8881	88.80	-0.367	-0.457	-0.467	-0.402	-0.291	-0.181	-0.122	-0.148	-0.266	-0.447
8891	88.90	-0.632	-0.754	-0.759	-0.624	-0.372	-0.063	0.224	0.421	0.489	0.435
8901	89.00	0.298	0.137	-0.000	-0.088	-0.135	-0.165	-0.205	-0.268	-0.344	-0.407
8911	89.10	-0.431	-0.405	-0.340	-0.265	-0.215	-0.212	-0.260	-0.342	-0.435	-0.519
8921	89.20	-0.588	-0.649	-0.713	-0.792	-0.883	-0.979	-1.067	-1.141	-1.205	-1.267
8931	89.30	-1.330	-1.390	-1.427	-1.418	-1.343	-1.203	-1.016	-0.820	-0.653	-0.545
8941	89.40	-0.506	-0.525	-0.584	-0.659	-0.731	-0.788	-0.818	-0.807	-0.744	-0.621
8951	89.50	-0.446	-0.243	-0.046	0.108	0.199	0.227	0.217	0.202	0.210	0.251
8961	89.60	0.316	0.386	0.448	0.502	0.564	0.649	0.762	0.881	0.969	0.987
8971	89.70	0.917	0.779	0.627	0.528	0.529	0.636	0.804	0.960	1.030	0.978
8981	89.80	0.820	0.616	0.438	0.339	0.326	0.359	0.383	0.350	0.252	0.123
8991	89.90	0.018	-0.018	0.028	0.120	0.196	0.198	0.096	-0.089	-0.304	-0.483

Table 7-85-19 TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1277 S104-GR-2-7 HA. (HA.) TSUKIHOKI BRIDGE MAX. ACC. = -43.033 (GAL) T= 16.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	-0.581	-0.592	-0.546	-0.486	-0.443	-0.420	-0.392	-0.323	-0.193	-0.011
9011	90.10	0.180	0.323	0.376	0.326	0.201	0.053	-0.068	-0.134	-0.150	-0.150
9021	90.20	-0.174	-0.248	-0.376	-0.533	-0.688	-0.816	-0.908	-0.975	-1.033	-1.092
9031	90.30	-1.150	-1.195	-1.219	-1.190	-1.139	-1.074	-1.008	-0.965	-0.874	-0.777
9041	90.40	-0.638	-0.458	-0.257	-0.065	0.086	0.183	0.236	0.262	0.297	0.352
9051	90.50	0.424	0.493	0.535	0.537	0.505	0.461	0.427	0.418	0.431	0.469
9061	90.60	0.453	0.438	0.416	0.413	0.456	0.554	0.695	0.851	0.992	1.102
9071	90.70	1.185	1.257	1.328	1.394	1.426	1.386	1.254	1.046	0.815	0.641
9081	90.80	0.587	0.669	0.844	1.018	1.090	0.996	0.743	0.407	0.093	-0.111
9091	90.90	-0.179	-0.158	-0.140	-0.216	-0.419	-0.707	-0.980	-1.123	-1.069	-0.831
9101	91.00	-0.497	-0.194	-0.030	-0.046	-0.206	-0.418	-0.583	-0.637	-0.575	-0.442
9111	91.10	-0.298	-0.189	-0.120	-0.070	-0.005	0.089	0.197	0.286	0.325	0.309
9121	91.20	0.266	0.238	0.262	0.339	0.431	0.478	0.429	0.268	0.033	-0.210
9131	91.30	-0.390	-0.469	-0.459	-0.412	-0.391	-0.440	-0.557	-0.704	-0.824	-0.873
9141	91.40	-0.838	-0.738	-0.602	-0.451	-0.285	-0.089	0.147	0.404	0.629	0.749
9151	91.50	0.707	0.493	0.160	-0.187	-0.434	-0.502	-0.384	-0.143	0.120	0.310
9161	91.60	0.384	0.362	0.309	0.294	0.348	0.444	0.512	0.475	0.294	-0.005
9171	91.70	-0.336	-0.591	-0.685	-0.596	-0.368	-0.094	0.128	0.238	0.230	0.149
9181	91.80	0.055	-0.008	-0.031	-0.043	-0.087	-0.188	-0.334	-0.480	-0.563	-0.538
9191	91.90	-0.395	-0.171	0.070	0.260	0.359	0.362	0.300	0.216	0.145	0.099
9201	92.00	0.067	0.028	-0.035	-0.122	-0.214	-0.285	-0.315	-0.299	-0.249	-0.185
9211	92.10	-0.121	-0.064	-0.008	0.056	0.128	0.194	0.233	0.225	0.169	0.083
9221	92.20	0.006	-0.022	0.022	0.130	0.266	0.375	0.411	0.352	0.213	0.037
9231	92.30	-0.128	-0.243	-0.299	-0.311	-0.309	-0.318	-0.343	-0.369	-0.368	-0.320
9241	92.40	-0.223	-0.097	0.021	0.097						

Table 7-86-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.648	-4.277	-6.966	-8.769	-8.892	-7.029	-3.526	0.716	4.551	6.996
11	0.10	7.561	6.362	4.007	1.303	-1.059	-2.712	-3.648	-4.084	-4.264	-4.296
21	0.20	-4.108	-3.517	-2.370	-0.671	1.380	3.435	5.109	6.097	6.250	5.581
31	0.30	4.227	2.395	0.327	-1.718	-3.461	-4.620	-4.948	-4.295	-2.676	-0.314
41	0.40	2.365	4.801	6.408	6.719	5.525	2.968	-0.446	-3.933	-6.619	-7.785
51	0.50	-7.104	-4.782	-1.526	1.658	3.798	4.292	3.123	0.854	-1.601	-3.338
61	0.60	-3.809	-2.998	-1.380	0.337	1.531	1.907	1.561	0.845	0.140	-0.339
71	0.70	-0.597	-0.759	-0.891	-0.871	-0.415	0.744	2.613	4.780	6.466	6.806
81	0.80	5.253	1.909	-2.389	-6.313	-8.530	-8.237	-5.497	-1.230	3.146	6.277
91	0.90	7.371	6.450	4.231	1.752	-0.102	-0.929	-0.877	-0.444	-0.145	-0.234
101	1.00	-0.602	-0.909	-0.823	-0.258	0.558	1.195	1.266	0.659	-0.383	-1.363
111	1.10	-1.786	-1.424	-0.445	0.658	1.318	1.193	0.363	-0.689	-1.305	-0.991
121	1.20	0.314	2.159	3.766	4.374	3.590	1.588	-0.959	-3.171	-4.341	-4.223
131	1.30	-3.093	-1.568	-0.279	0.433	0.638	0.712	1.064	1.849	2.841	3.518
141	1.40	3.344	2.077	-0.053	-2.395	-4.161	-4.779	-4.162	-2.728	-1.191	-0.202
151	1.50	-0.047	-0.533	-1.145	-1.345	-0.887	0.048	0.960	1.315	0.857	-0.224
161	1.60	-1.365	-1.907	-1.430	0.031	1.987	3.729	4.669	4.496	3.450	1.981
171	1.70	0.601	-0.367	-0.866	-1.035	-1.045	-0.960	-0.719	-0.238	0.448	1.113
181	1.80	1.402	1.021	-0.062	-1.532	-2.832	-3.423	-3.089	-2.081	-1.041	-0.692
191	1.90	-1.449	-3.157	-5.101	-6.303	-5.974	-3.901	-0.581	2.975	5.667	6.763
201	2.00	6.158	4.339	2.090	0.104	-1.294	-2.175	-2.824	-3.448	-3.986	-4.116
211	2.10	-3.468	-1.914	0.256	2.374	3.662	3.596	2.184	-0.003	-2.067	-3.169
221	2.20	-2.896	-1.418	0.623	2.433	3.425	3.441	2.755	1.869	1.230	1.020
231	2.30	1.121	1.247	1.144	0.759	0.256	-0.088	-0.064	0.349	0.971	1.534
241	2.40	1.846	1.898	1.862	1.965	2.323	2.832	3.186	3.026	2.140	0.622
251	2.50	-1.119	-2.500	-3.004	-2.401	-0.859	1.122	2.900	3.932	3.958	3.057
261	2.60	1.562	-0.090	-1.519	-2.499	-2.963	-2.958	-2.572	-1.898	-1.030	-0.091
271	2.70	0.754	1.314	1.419	0.991	0.084	-1.110	-2.312	-3.230	-3.642	-3.456
281	2.80	-2.723	-1.629	-0.444	0.535	1.052	0.954	0.241	-0.924	-2.240	-3.351
291	2.90	-3.953	-3.893	-3.227	-2.194	-1.124	-0.309	0.111	0.184	0.110	0.121
301	3.00	0.375	0.873	1.477	1.988	2.257	2.252	2.067	1.850	1.706	1.630
311	3.10	1.510	1.203	0.637	-0.107	-0.809	-1.196	-1.080	-0.467	0.419	1.225
321	3.20	1.628	1.487	0.919	0.247	-0.152	-0.030	0.605	1.478	2.172	2.315
331	3.30	1.756	0.637	-0.661	-1.685	-2.105	-1.851	-1.135	-0.348	0.113	0.019
341	3.40	-0.606	-1.506	-2.320	-2.738	-2.632	-2.099	-1.396	-0.818	-0.559	-0.629
351	3.50	-0.858	-0.989	-0.803	-0.240	0.564	1.315	1.680	1.428	0.531	-0.812
361	3.60	-2.239	-3.356	-3.871	-3.679	-2.886	-1.760	-0.537	0.473	1.141	1.420
371	3.70	1.329	0.923	0.273	-0.518	-1.296	-1.858	-1.993	-1.558	-0.558	0.818
381	3.80	2.232	3.305	3.756	3.512	2.740	1.775	0.974	0.565	0.558	0.761
391	3.90	0.891	0.730	0.245	-0.379	-0.825	-0.791	-0.142	1.016	2.367	3.513
401	4.00	4.129	4.097	3.482	2.564	1.612	0.814	0.210	-0.278	-0.752	-1.244
411	4.10	-1.653	-1.785	-1.438	-0.534	0.805	2.255	3.381	3.798	3.311	2.010
421	4.20	0.240	-1.512	-2.787	-3.313	-3.084	-2.336	-1.446	-0.771	-0.535	-0.764
431	4.30	-1.316	-1.975	-2.551	-2.947	-3.176	-3.303	-3.382	-3.401	-3.274	-2.885
441	4.40	-2.159	-1.110	0.137	1.393	2.459	3.197	3.547	3.522	3.156	2.481
451	4.50	1.515	0.308	-1.014	-2.216	-2.983	-3.008	-2.117	-0.371	1.906	4.191
461	4.60	5.916	6.642	6.198	4.727	2.623	0.395	-1.488	-2.707	-3.138	-2.822
471	4.70	-1.906	-0.588	0.915	2.362	3.488	4.028	3.781	2.691	0.910	-1.191
481	4.80	-3.103	-4.322	-4.508	-3.606	-1.868	0.228	2.149	3.435	3.921	3.665
491	4.90	2.932	2.044	1.248	0.633	0.132	-0.406	-1.108	-1.998	-2.969	-3.828

Table 7-86-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-4.380	-4.508	-4.219	-3.625	-2.883	-2.127	-1.427	-0.789	-0.199	0.322
511	5.10	0.703	0.841	0.664	0.199	-0.409	-0.931	-1.151	-0.975	-0.488	0.063
521	5.20	0.383	0.269	-0.268	-0.984	-1.493	-1.443	-0.683	0.639	2.123	3.270
531	5.30	3.688	3.255	2.161	0.812	-0.341	-0.984	-1.039	-0.444	-0.048	0.523
541	5.40	0.952	1.225	1.369	1.372	1.150	0.602	-0.288	-1.365	-2.295	-2.665
551	5.50	-2.173	-0.800	1.116	2.961	4.063	3.959	2.590	0.335	-2.135	-4.117
561	5.60	-5.131	-5.061	-4.135	-2.756	-1.309	-0.016	1.079	2.008	2.747	3.136
571	5.70	2.921	1.903	0.110	-2.107	-4.139	-5.328	-5.247	-3.908	-1.794	0.314
581	5.80	1.652	1.798	0.838	-0.678	-1.995	-2.492	-1.951	-0.625	0.908	2.037
591	5.90	2.412	2.083	1.439	0.971	1.001	1.502	2.121	2.380	1.952	0.871
601	6.00	-0.447	-1.387	-1.438	-0.463	1.201	2.875	3.836	3.650	2.377	0.540
611	6.10	-1.114	-1.954	-1.740	-0.709	0.565	1.453	1.563	0.887	-0.241	-1.344
621	6.20	-2.044	-2.215	-1.983	-1.586	-1.192	-0.789	-0.214	0.701	1.954	3.283
631	6.30	4.231	4.344	3.420	1.648	-0.418	-2.079	-2.796	-2.426	-1.288	-0.004
641	6.40	0.799	0.788	0.071	-0.866	-1.415	-1.153	-0.056	1.482	2.825	3.394
651	6.50	2.920	1.553	-0.216	-1.781	-2.672	-2.717	-2.063	-1.056	-0.062	0.680
661	6.60	1.111	1.306	1.374	1.367	1.251	0.937	0.356	-0.478	-1.459	-2.412
671	6.70	-3.160	-3.571	-3.577	-3.166	-2.358	-1.201	0.216	1.731	3.106	4.055
681	6.80	4.328	3.801	2.549	0.849	-0.897	-2.291	-3.073	-3.206	-2.868	-2.368
691	6.90	-2.014	-1.993	-2.313	-2.820	-3.273	-3.452	-3.234	-2.627	-1.754	-0.802
701	7.00	0.037	0.615	0.853	0.752	0.388	-0.098	-0.524	-0.706	-0.510	0.104
711	7.10	1.050	2.126	3.069	3.637	3.689	3.236	2.433	1.519	0.724	0.195
721	7.20	-0.048	-0.084	-0.028	0.043	0.130	0.311	0.674	1.250	1.955	2.596
731	7.30	2.930	2.766	2.053	0.919	-0.358	-1.450	-2.088	-2.153	-1.706	-0.946
741	7.40	-0.126	0.540	0.931	1.035	0.908	0.637	0.298	-0.043	-0.319	-0.448
751	7.50	-0.344	0.045	0.692	1.465	2.140	2.475	2.304	1.619	0.587	-0.500
761	7.60	-1.340	-1.737	-1.674	-1.302	-0.855	-0.521	-0.356	-0.255	-0.029	0.483
771	7.70	1.302	2.261	3.060	3.388	3.056	2.086	0.709	-0.733	-1.917	-2.653
781	7.80	-2.929	-2.871	-2.644	-2.366	-2.056	-1.658	-1.118	-0.449	0.230	0.737
791	7.90	0.902	0.665	0.119	-0.511	-0.958	-1.026	-0.675	-0.040	0.625	1.057
801	8.00	1.089	0.714	0.075	-0.600	-1.099	-1.309	-1.242	-1.011	-0.761	-0.590
811	8.10	-0.500	-0.398	-0.145	0.369	1.156	2.094	2.950	3.455	3.396	2.707
821	8.20	1.510	0.091	-1.185	-1.993	-2.159	-1.718	-0.903	-0.053	0.507	0.587
831	8.30	0.198	-0.468	-1.119	-1.487	-1.429	-0.984	-0.342	0.239	0.542	0.472
841	8.40	0.090	-0.425	-0.860	-1.051	-0.947	-0.618	-0.213	0.113	0.262	0.232
851	8.50	0.103	-0.010	-0.018	0.087	0.233	0.294	0.165	-0.174	-0.623	-0.980
861	8.60	-1.021	-0.601	0.253	1.315	2.210	2.546	2.061	0.746	-1.128	-3.086
871	8.70	-4.615	-5.346	-5.185	-4.330	-3.170	-2.119	-1.443	-1.171	-1.113	-0.990
881	8.80	-0.582	0.149	1.042	1.817	2.215	2.126	1.643	1.012	0.518	0.354
891	8.90	0.539	0.929	1.296	1.447	1.304	0.931	0.476	0.098	-0.112	-0.154
901	9.00	-0.090	0.013	0.123	0.258	0.453	0.709	0.971	1.136	1.105	0.846
911	9.10	0.425	-0.013	-0.311	-0.380	-0.251	-0.065	0.004	-0.154	-0.507	-0.874
921	9.20	-0.999	-0.673	0.146	1.281	2.377	3.025	2.925	2.007	0.472	-1.270
931	9.30	-2.743	-3.560	-3.545	-2.769	-1.498	-0.086	1.144	1.985	2.380	2.391
941	9.40	2.141	1.750	1.304	0.847	0.405	0.014	-0.264	-0.353	-0.191	0.227
951	9.50	0.823	1.440	1.875	1.945	1.551	0.721	-0.386	-1.532	-2.474	-3.050
961	9.60	-3.228	-3.116	-2.900	-2.768	-2.815	-3.001	-3.165	-3.087	-2.594	-1.644
971	9.70	-0.365	0.976	2.057	2.619	2.552	1.933	0.991	0.023	-0.709	-1.064
981	9.80	-1.040	-0.755	-0.371	-0.024	0.223	0.385	0.529	0.723	1.002	1.351
991	9.90	1.723	2.066	2.343	2.535	2.627	2.586	2.357	1.886	1.155	0.230

Table 7-86-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.728	-1.488	-1.820	-1.580	-0.781	0.399	1.664	2.698	3.269	3.297
1011	10.10	2.857	2.121	1.277	0.455	-0.293	-0.967	-1.552	-1.979	-2.120	-1.843
1021	10.20	-1.100	0.010	1.230	2.219	2.673	2.450	1.634	0.511	-0.546	-1.217
1031	10.30	-1.361	-1.051	-0.522	-0.057	0.133	-0.027	-0.477	-1.093	-1.761	-2.428
1041	10.40	-3.086	-3.722	-4.261	-4.551	-4.414	-3.741	-2.582	-1.177	0.107	0.907
1051	10.50	1.021	0.502	-0.346	-1.089	-1.342	-0.929	0.042	1.240	2.266	2.831
1061	10.60	2.885	2.618	2.352	2.363	2.723	3.248	3.568	3.294	2.218	0.431
1071	10.70	-1.669	-3.515	-4.578	-4.570	-3.551	-1.893	-0.137	1.223	1.903	1.911
1081	10.80	1.485	0.954	0.572	0.407	0.345	0.178	-0.243	-0.899	-1.571	-1.928
1091	10.90	-1.678	-0.731	0.726	2.270	3.403	3.746	3.210	2.028	0.668	-0.369
1101	11.00	-0.754	-0.466	0.232	0.909	1.196	0.942	0.288	-0.413	-0.767	-0.533
1111	11.10	0.266	1.349	2.304	2.768	2.575	1.811	0.753	-0.266	-0.991	-1.324
1121	11.20	-1.311	-1.061	-0.660	-0.123	0.583	1.456	2.391	3.150	3.424	2.963
1131	11.30	1.700	-0.171	-2.225	-3.939	-4.864	-4.780	-3.760	-2.123	-0.304	1.300
1141	11.40	2.441	3.052	3.201	3.011	2.578	1.943	1.116	0.119	-0.972	-2.021
1151	11.50	-2.869	-3.383	-3.506	-3.267	-2.760	-2.104	-1.408	-0.753	-0.209	0.164
1161	11.60	0.304	0.174	-0.207	-0.743	-1.269	-1.604	-1.614	-1.278	-0.694	-0.042
1171	11.70	0.507	0.867	1.071	1.240	1.491	1.846	2.183	2.280	1.920	1.035
1181	11.80	-0.219	-1.471	-2.271	-2.273	-1.399	0.105	1.746	2.978	3.408	2.945
1191	11.90	1.799	0.368	-0.954	-1.924	-2.506	-2.800	-2.914	-2.847	-2.478	-1.659
1201	12.00	-0.372	1.151	2.433	2.901	2.140	0.114	-2.740	-5.632	-7.704	-8.359
1211	12.10	-7.499	-5.551	-3.269	-1.416	-0.454	-0.405	-0.919	-1.503	-1.797	-1.735
1221	12.20	-1.535	-1.527	-1.916	-2.633	-3.338	-3.589	-3.079	-1.815	-0.133	1.442
1231	12.30	2.446	2.678	2.275	1.610	1.083	0.921	1.083	1.329	1.396	1.176
1241	12.40	0.789	0.522	0.638	1.210	2.034	2.721	2.898	2.421	1.482	0.540
1251	12.50	0.101	0.459	1.538	2.908	3.984	4.305	3.750	2.589	1.333	0.482
1261	12.60	0.287	0.650	1.218	1.600	1.598	1.324	1.131	1.412	2.357	3.800
1271	12.70	5.246	6.058	5.715	4.037	1.262	-2.039	-5.158	-7.476	-8.610	-8.469
1281	12.80	-7.209	-5.150	-2.699	-0.297	1.628	2.722	2.783	1.856	0.260	-1.465
1291	12.90	-2.717	-3.038	-2.287	-0.696	1.225	2.898	3.902	4.122	3.736	3.069
1301	13.00	2.386	1.749	0.999	-0.112	-1.720	-3.693	-5.609	-6.897	-7.079	-5.996
1311	13.10	-3.903	-1.395	0.819	2.175	2.436	1.726	0.411	-1.085	-2.443	-3.507
1321	13.20	-4.240	-4.613	-4.528	-3.824	-2.357	-0.132	2.621	5.469	7.905	9.516
1331	13.30	10.122	9.816	8.878	7.629	6.288	4.922	3.486	1.944	0.378	-0.979
1341	13.40	-1.808	-1.856	-1.072	0.316	1.852	3.000	3.334	2.693	1.224	-0.678
1351	13.50	-2.515	-3.846	-4.407	-4.160	-3.261	-1.986	-0.641	0.519	1.336	1.774
1361	13.60	1.900	1.856	1.792	1.811	1.926	2.055	2.070	1.873	1.470	0.997
1371	13.70	0.685	0.749	1.270	2.117	2.959	3.382	3.062	1.918	0.179	-1.681
1381	13.80	-3.107	-3.675	-3.242	-1.994	-0.368	1.105	1.965	1.937	0.965	-0.826
1391	13.90	-3.190	-5.811	-8.338	-10.400	-11.643	-11.796	-10.747	-8.605	-5.703	-2.526
1401	14.00	0.420	2.737	4.220	4.858	4.772	4.130	3.084	1.773	0.367	-0.897
1411	14.10	-1.719	-1.819	-1.057	0.458	2.361	4.123	5.238	5.410	4.659	3.291
1421	14.20	1.740	0.365	-0.699	-1.567	-2.685	-3.648	-5.031	-6.348	-7.143	-6.989
1431	14.30	-5.689	-3.391	-0.549	2.230	4.394	5.616	5.859	5.325	4.333	3.201
1441	14.40	2.172	1.404	1.004	1.050	1.588	2.586	3.888	5.266	6.175	6.457
1451	14.50	5.869	4.456	2.496	0.415	-1.347	-2.469	-2.834	-2.531	-1.796	-0.920
1461	14.60	-0.163	0.305	0.403	0.122	-0.514	-1.470	-2.704	-4.152	-5.700	-7.172
1471	14.70	-8.336	-8.941	-8.781	-7.770	-6.003	-3.764	-1.483	0.380	1.475	1.688
1481	14.80	1.194	0.398	-0.207	-0.243	0.392	1.456	2.450	2.811	2.154	0.457
1491	14.90	-1.893	-4.213	-5.764	-6.022	-4.867	-2.624	0.052	2.414	3.866	4.143

Table 7-86-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	3.342	1.836	0.097	-1.478	-2.670	-3.452	-3.907	-4.124	-4.112	-3.786
1511	15.10	-3.025	-1.775	-0.141	1.591	3.004	3.690	3.408	2.197	0.402	-1.414
1521	15.20	-2.649	-2.856	-1.888	0.066	2.566	5.081	7.169	8.583	9.297	9.420
1531	15.30	9.089	8.374	7.273	5.768	3.929	1.981	0.294	-0.734	-0.830	0.008
1541	15.40	1.475	3.044	4.152	4.410	3.737	2.369	0.734	-0.753	-1.859	-2.612
1551	15.50	-3.236	-3.998	-5.028	-6.215	-7.226	-7.639	-7.129	-5.628	-3.373	-0.839
1561	15.60	1.430	2.998	3.673	3.525	2.823	1.897	1.007	0.269	-0.354	-0.984
1571	15.70	-1.741	-2.664	-3.676	-4.608	-5.262	-5.489	-5.250	-4.645	-3.894	-3.267
1581	15.80	-3.000	-3.208	-3.829	-4.623	-5.228	-5.273	-4.494	-2.839	-0.504	2.114
1591	15.90	4.523	6.290	7.170	7.171	6.532	5.623	4.804	4.303	4.156	4.232
1601	16.00	4.324	4.267	4.023	3.696	3.477	3.529	3.885	4.399	4.779	4.689
1611	16.10	3.897	2.369	0.297	-1.971	-4.074	-5.771	-7.024	-7.971	-8.807	-9.631
1621	16.20	-10.335	-10.600	-10.019	-8.309	-5.502	-2.039	1.310	3.688	4.463	3.888
1631	16.30	1.195	-1.532	-3.668	-4.413	-3.480	-1.175	1.749	4.408	6.131	6.684
1641	16.40	6.297	5.487	4.779	4.451	4.439	4.415	4.005	3.027	1.620	0.205
1651	16.50	-0.702	-0.748	0.082	1.429	2.707	3.338	2.990	1.691	-0.217	-2.240
1661	16.60	-3.938	-5.065	-5.583	-5.578	-5.134	-4.248	-2.851	-0.898	1.507	4.059
1671	16.70	6.304	7.790	8.249	7.711	6.496	5.069	3.845	3.022	2.540	2.172
1681	16.80	1.694	1.050	0.398	0.036	0.228	1.029	2.215	3.351	3.977	3.817
1691	16.90	2.911	1.601	0.378	-0.332	-0.344	0.224	1.029	1.659	1.806	1.354
1701	17.00	0.384	-0.903	-2.277	-3.533	-4.505	-5.044	-5.018	-4.343	-3.058	-1.371
1711	17.10	0.352	1.687	2.308	2.135	1.373	0.434	-0.266	-0.513	-0.422	-0.416
1721	17.20	-0.979	-2.439	-4.731	-7.365	-9.585	-10.673	-10.248	-8.438	-5.829	-3.225
1731	17.30	-1.327	-0.475	-0.558	-1.139	-1.696	-1.882	-1.661	-1.280	-1.087	-1.320
1741	17.40	-1.950	-2.679	-3.079	-2.794	-1.723	-0.070	1.739	3.243	4.137	4.386
1751	17.50	4.205	3.928	3.826	3.974	4.220	4.277	3.889	2.981	1.737	0.537
1761	17.60	-0.196	-0.188	0.541	1.660	2.643	2.969	2.334	0.772	-1.344	-3.446
1771	17.70	-4.974	-5.563	-5.146	-3.931	-2.291	-0.620	0.783	1.749	2.222	2.205
1781	17.80	1.736	0.908	-0.092	-0.956	-1.301	-0.793	0.684	2.899	5.261	6.964
1791	17.90	7.253	5.711	2.462	-1.839	-6.195	-9.601	-11.367	-11.302	-9.707	-7.185
1801	18.00	-4.376	-1.748	0.483	2.278	3.635	4.471	4.608	3.881	2.302	0.169
1811	18.10	-1.955	-3.418	-3.729	-2.779	-0.915	1.188	2.793	3.400	2.941	1.779
1821	18.20	0.518	-0.282	-0.355	0.175	0.881	1.258	0.971	0.013	-1.302	-2.489
1831	18.30	-3.105	-2.930	-2.028	-0.680	0.763	2.020	2.962	3.584	3.925	3.986
1841	18.40	3.706	3.012	1.916	0.590	-0.643	-1.412	-1.462	-0.797	0.275	1.238
1851	18.50	1.582	1.032	-0.295	-1.907	-3.123	-3.353	-2.370	-0.426	1.825	3.586
1861	18.60	4.238	3.596	1.983	0.093	-1.297	-1.630	-0.783	0.926	2.890	4.478
1871	18.70	5.272	5.188	4.441	3.392	2.363	1.505	0.783	0.046	-0.843	-1.915
1881	18.80	-3.068	-4.123	-4.914	-5.371	-5.543	-5.561	-5.560	-5.604	-5.657	-5.594
1891	18.90	-5.258	-4.518	-3.317	-1.686	0.262	2.348	4.343	5.995	7.067	7.384
1901	19.00	6.891	5.694	4.047	2.297	0.779	-0.294	-0.889	-1.152	-1.323	-1.622
1911	19.10	-2.140	-2.798	-3.374	-3.600	-3.274	-2.337	-0.899	0.803	2.480	3.871
1921	19.20	4.797	5.178	5.036	4.469	3.631	2.707	1.872	1.244	0.848	0.593
1931	19.30	0.302	-0.223	-1.114	-2.365	-3.811	-5.178	-6.173	-6.597	-6.403	-5.706
1941	19.40	-4.712	-3.638	-2.633	-1.756	-1.001	-0.355	0.168	0.521	0.665	0.627
1951	19.50	0.519	0.523	0.814	1.474	2.428	3.454	4.254	4.568	4.276	3.449
1961	19.60	2.321	1.204	0.382	0.025	0.153	0.653	1.330	1.974	2.402	2.496
1971	19.70	2.214	1.590	0.726	-0.234	-1.137	-1.870	-2.391	-2.738	-3.008	-3.291
1981	19.80	-3.620	-3.930	-4.081	-3.914	-3.337	-2.388	-1.234	-0.121	0.727	1.197
1991	19.90	1.334	1.306	1.326	1.546	1.990	2.544	3.018	3.230	3.097	2.662

Table 7-86-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	2.080	1.550	1.238	1.226	1.496	1.950	2.456	2.886	3.149	3.197
2011	20.10	3.026	2.670	2.189	1.662	1.164	0.747	0.424	0.168	-0.079	-0.369
2021	20.20	-0.719	-1.089	-1.389	-1.502	-1.333	-0.851	-0.106	0.774	1.613	2.230
2031	20.30	2.485	2.314	1.745	0.894	-0.060	-0.916	-1.508	-1.754	-1.693	-1.481
2041	20.40	-1.344	-1.503	-2.087	-3.071	-4.268	-5.381	-6.106	-6.237	-5.743	-4.777
2051	20.50	-3.621	-2.504	-1.897	-1.638	-1.721	-1.940	-2.050	-1.858	-1.282	-0.382
2061	20.60	0.669	1.638	2.306	2.539	2.333	1.818	1.218	0.768	0.625	0.798
2071	20.70	1.132	1.361	1.228	0.599	-0.447	-1.621	-2.524	-2.800	-2.292	-1.121
2081	20.80	0.346	1.630	2.324	2.239	1.468	0.326	-0.788	-1.541	-1.772	-1.505
2091	20.90	-0.889	-0.098	0.736	1.543	2.280	2.882	3.240	3.230	2.790	1.979
2101	21.00	1.001	0.150	-0.303	-0.234	0.275	0.955	1.464	1.542	1.124	0.380
2111	21.10	-0.363	-0.756	-0.588	0.130	1.163	2.145	2.721	2.672	1.982	0.829
2121	21.20	-0.495	-1.684	-2.504	-2.848	-2.738	-2.304	-1.733	-1.227	-0.954	-1.019
2131	21.30	-1.441	-2.147	-2.984	-3.752	-4.251	-4.326	-3.906	-3.012	-1.750	-0.285
2141	21.40	1.194	2.503	3.492	4.064	4.189	3.917	3.368	2.716	2.150	1.822
2151	21.50	1.806	2.072	2.499	2.911	3.133	3.047	2.619	1.896	0.984	0.008
2161	21.60	-0.924	-1.736	-2.386	-2.860	-3.158	-3.287	-3.261	-3.105	-2.847	-2.523
2171	21.70	-2.172	-1.837	-1.570	-1.625	-1.461	-1.719	-2.204	-2.874	-3.634	-4.363
2181	21.80	-4.943	-5.293	-5.386	-5.232	-4.858	-4.271	-3.456	-2.396	-1.118	0.267
2191	21.90	1.561	2.523	2.965	2.839	2.295	1.649	1.275	1.455	2.253	3.468
2201	22.00	4.702	5.521	5.630	5.002	3.888	2.705	1.860	1.576	1.808	2.282
2211	22.10	2.628	2.550	1.954	0.966	-0.135	-1.060	-1.620	-1.789	-1.665	-1.390
2221	22.20	-1.053	-0.661	-0.154	0.511	1.296	2.058	2.591	2.718	2.378	1.668
2231	22.30	0.806	0.048	-0.419	-0.526	-0.328	0.065	0.562	1.132	1.792	2.545
2241	22.40	3.311	3.904	4.081	3.643	2.552	0.987	-0.685	-2.032	-2.720	-2.636
2251	22.50	-1.932	-0.947	-0.070	0.415	0.417	0.028	-0.553	-1.147	-1.664	-2.127
2261	22.60	-2.609	-3.154	-3.720	-4.179	-4.376	-4.211	-3.696	-2.960	-2.187	-1.532
2271	22.70	-1.055	-0.709	-0.381	0.034	0.563	1.136	1.621	1.879	1.835	1.499
2281	22.80	0.960	0.345	-0.215	-0.616	-0.772	-0.619	-0.116	0.722	1.793	2.897
2291	22.90	3.766	4.149	3.907	3.091	1.935	0.789	-0.019	-0.309	-0.110	0.375
2301	23.00	0.881	1.207	1.306	1.275	1.263	1.348	1.461	1.392	0.907	-0.109
2311	23.10	-1.538	-3.022	-4.082	-4.302	-3.511	-1.867	0.201	2.148	3.514	4.072
2321	23.20	3.864	3.130	2.172	1.229	0.419	-0.240	-0.770	-1.165	-1.381	-1.369
2331	23.30	-1.130	-0.746	-0.367	-0.135	-0.116	-0.260	-0.431	-0.495	-0.406	-0.256
2341	23.40	-0.228	-0.493	-1.089	-1.854	-2.469	-2.586	-2.001	-0.773	0.772	2.159
2351	23.50	2.959	2.966	2.272	1.208	0.180	-0.521	-0.830	-0.904	-0.998	-1.298
2361	23.60	-1.803	-2.309	-2.522	-2.222	-1.402	-0.306	0.660	1.104	0.827	-0.081
2371	23.70	-1.271	-2.279	-2.711	-2.399	-1.442	-0.153	1.083	1.945	2.271	2.067
2381	23.80	1.457	0.609	-0.326	-1.229	-2.004	-2.561	-2.823	-2.746	-2.357	-1.770
2391	23.90	-1.154	-0.682	-0.458	-0.478	-0.641	-0.803	-0.858	-0.783	-0.641	-0.526
2401	24.00	-0.485	-0.474	-0.369	-0.032	0.583	1.375	2.100	2.467	2.277	1.536
2411	24.10	0.478	-0.514	-1.070	-0.996	-0.364	0.527	1.285	1.606	1.403	0.823
2421	24.20	0.146	-0.370	-0.627	-0.718	-0.854	-1.214	-1.809	-2.446	-2.807	-2.612
2431	24.30	-1.781	-0.502	0.833	1.797	2.127	1.833	1.182	0.549	0.218	0.246
2441	24.40	0.444	0.498	0.166	-0.569	-1.461	-2.107	-2.154	-1.486	-0.301	0.957
2451	24.50	1.803	1.927	1.339	0.352	-0.562	-0.995	-0.780	-0.044	0.874	1.594
2461	24.60	1.870	1.680	1.197	0.679	0.333	0.234	0.329	0.508	0.702	0.934
2471	24.70	1.297	1.882	2.686	3.571	4.297	4.616	4.386	3.643	2.594	1.541
2481	24.80	0.756	0.385	0.400	0.638	0.887	0.977	0.843	0.528	0.137	-0.225
2491	24.90	-0.503	-0.708	-0.895	-1.127	-1.437	-1.816	-2.224	-2.611	-2.940	-3.200

Table 7-86-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-3.399	-3.554	-3.676	-3.758	-3.777	-3.700	-3.484	-3.095	-2.507	-1.728
2511	25.10	-0.802	0.174	1.067	1.726	2.030	1.927	1.464	0.793	0.130	-0.298
2521	25.20	-0.322	0.117	0.950	2.002	3.043	3.852	4.270	4.232	3.764	2.966
2531	25.30	1.980	0.962	0.059	-0.607	-0.947	-0.924	-0.567	0.023	0.683	1.218
2541	25.40	1.453	1.284	0.719	-0.120	-1.031	-1.798	-2.258	-2.352	-2.135	-1.742
2551	25.50	-1.325	-0.993	-0.780	-0.652	-0.546	-0.426	-0.317	-0.299	-0.469	-0.874
2561	25.60	-1.471	-2.110	-2.580	-2.684	-2.323	-1.546	-0.544	0.403	1.019	1.124
2571	25.70	0.679	-0.203	-1.312	-2.398	-3.250	-3.731	-3.791	-3.459	-2.813	-1.970
2581	25.80	-1.061	-0.228	0.399	0.721	0.698	0.370	-0.146	-0.680	-1.063	-1.169
2591	25.90	-0.962	-0.494	0.119	0.746	1.291	1.721	2.064	2.374	2.696	3.026
2601	26.00	3.314	3.490	3.502	3.358	3.129	2.929	2.856	2.945	3.140	3.308
2611	26.10	3.302	3.028	2.503	1.861	1.309	1.043	1.161	1.618	2.244	2.806
2621	26.20	3.114	3.089	2.791	2.380	2.029	1.842	1.812	1.834	1.771	1.534
2631	26.30	1.129	0.652	0.225	-0.078	-0.290	-0.550	-1.029	-1.840	-2.950	-4.163
2641	26.40	-5.177	-5.700	-5.572	-4.837	-3.737	-2.616	-1.790	-1.433	-1.525	-1.884
2651	26.50	-2.263	-2.461	-2.396	-2.124	-1.788	-1.533	-1.636	-1.473	-1.546	-1.534
2661	26.60	-1.362	-1.033	-0.626	-0.251	-0.003	0.081	0.029	-0.086	-0.192	-0.246
2671	26.70	-0.258	-0.272	-0.341	-0.492	-0.707	-0.919	-1.039	-0.986	-0.728	-0.291
2681	26.80	0.236	0.728	1.060	1.145	0.961	0.559	0.046	-0.442	-0.789	-0.920
2691	26.90	-0.825	-0.549	-0.169	0.234	0.606	0.925	1.199	1.441	1.654	1.820
2701	27.00	1.904	1.879	1.741	1.521	1.284	1.098	1.012	1.025	1.094	1.142
2711	27.10	1.101	0.944	0.698	0.438	0.253	0.202	0.288	0.447	0.573	0.566
2721	27.20	0.372	0.008	-0.440	-0.859	-1.149	-1.266	-1.230	-1.109	-0.981	-0.899
2731	27.30	-0.867	-0.855	-0.829	-0.786	-0.766	-0.847	-1.095	-1.524	-2.060	-2.550
2741	27.40	-2.808	-2.682	-2.119	-1.196	-0.101	0.930	1.686	2.049	2.014	1.668
2751	27.50	1.149	0.586	0.071	-0.341	-0.610	-0.692	-0.531	-0.091	0.609	1.458
2761	27.60	2.262	2.786	2.842	2.370	1.479	0.430	-0.452	-0.899	-0.796	-0.228
2771	27.70	0.560	1.267	1.664	1.682	1.432	1.139	1.035	1.236	1.695	2.214
2781	27.80	2.540	2.482	2.001	1.232	0.428	-0.148	-0.337	-0.147	0.257	0.630
2791	27.90	0.750	0.510	-0.047	-0.762	-1.433	-1.902	-2.105	-2.083	-1.933	-1.756
2801	28.00	-1.607	-1.486	-1.352	-1.173	-0.947	-0.715	-0.539	-0.466	-0.504	-0.622
2811	28.10	-0.768	-0.908	-1.045	-1.220	-1.479	-1.830	-2.217	-2.524	-2.623	-2.431
2821	28.20	-1.967	-1.358	-0.802	-0.492	-0.533	-0.891	-1.408	-1.860	-2.054	-1.899
2831	28.30	-1.443	-0.834	-0.252	0.178	0.432	0.586	0.759	1.043	1.444	1.875
2841	28.40	2.192	2.264	2.039	1.566	0.982	0.450	0.093	-0.049	-0.018	0.092
2851	28.50	0.188	0.220	0.188	0.124	0.057	-0.011	-0.110	-0.272	-0.500	-0.744
2861	28.60	-0.911	-0.902	-0.661	-0.224	0.286	0.686	0.808	0.565	-0.904	-0.741
2871	28.70	-1.418	-1.813	-1.789	-1.336	-0.572	0.298	1.049	1.503	1.571	1.269
2881	28.80	0.700	0.022	-0.599	-1.016	-1.132	-0.907	-0.356	0.457	1.426	2.419
2891	28.90	3.290	3.906	4.166	4.033	3.545	2.324	2.046	1.404	1.047	1.040
2901	29.00	1.332	1.779	2.194	2.414	2.366	2.093	1.729	1.445	1.361	1.497
2911	29.10	1.757	1.969	1.961	1.639	1.029	0.269	-0.452	-0.973	-1.220	-1.231
2921	29.20	-1.129	-1.056	-1.112	-1.320	-1.625	-1.929	-2.143	-2.217	-2.149	-1.974
2931	29.30	-1.739	-1.482	-1.228	-0.999	-0.818	-0.706	-0.667	-0.669	-0.640	-0.485
2941	29.40	-0.123	0.461	1.197	1.933	2.486	2.705	2.530	2.016	1.309	0.585
2951	29.50	-0.012	-0.417	-0.640	-0.734	-0.743	-0.664	-0.451	-0.049	0.550	1.267
2961	29.60	1.944	2.381	2.420	2.007	1.229	0.284	-0.587	-1.189	-1.443	-1.406
2971	29.70	-1.236	-1.120	-1.192	-1.490	-1.949	-2.447	-2.863	-3.128	-3.242	-3.250
2981	29.80	-3.195	-3.081	-2.858	-2.449	-1.800	-0.938	0.007	0.827	1.302	1.280
2991	29.90	0.748	-0.152	-1.166	-2.005	-2.448	-2.400	-1.921	-1.180	-0.395	0.244

Table 7-86-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	0.622	0.714	0.567	0.266	-0.091	-0.415	-0.627	-0.668	-0.507	-0.158
3011	30.10	0.307	0.767	1.079	1.129	0.876	0.383	-0.201	-0.686	-0.908	-0.788
3021	30.20	-0.356	0.262	0.896	1.387	1.635	1.615	1.370	0.985	0.553	0.164
3031	30.30	-0.118	-0.258	-0.254	-0.146	-0.005	0.084	0.053	-0.119	-0.390	-0.671
3041	30.40	-0.861	-0.904	-0.820	-0.706	-0.693	-0.883	-1.287	-1.806	-2.269	-2.499
3051	30.50	-2.396	-1.982	-1.394	-0.818	-0.413	-0.245	-0.273	-0.380	-0.445	-0.395
3061	30.60	-0.232	-0.012	0.205	0.393	0.580	0.818	1.162	1.528	1.887	2.104
3071	30.70	2.088	1.821	1.375	0.881	0.475	0.243	0.195	0.276	0.407	0.525
3081	30.80	0.605	0.650	0.664	0.625	0.489	0.212	-0.201	-0.668	-1.038	-1.141
3091	30.90	-0.858	-0.190	0.722	1.633	2.279	2.470	2.172	1.514	0.748	0.153
3101	31.00	-0.066	0.153	0.706	1.367	1.869	1.999	1.669	0.945	0.023	-0.837
3111	31.10	-1.398	-1.522	-1.211	-0.597	0.115	0.722	1.097	1.223	1.183	1.104
3121	31.20	1.087	1.163	1.275	1.320	1.210	0.923	0.530	0.165	-0.027	0.049
3131	31.30	0.401	0.957	1.603	2.232	2.769	3.167	3.385	3.358	3.005	2.263
3141	31.40	1.148	-0.196	-1.507	-2.463	-2.788	-2.370	-1.309	0.095	1.445	2.372
3151	31.50	2.658	2.280	1.390	0.228	-0.967	-2.019	-2.830	-3.352	-3.552	-3.407
3161	31.60	-2.922	-2.178	-1.351	-0.700	-0.471	-0.815	-1.699	-2.888	-4.021	-4.730
3171	31.70	-4.782	-4.160	-3.062	-1.812	-0.733	-0.030	0.261	0.246	0.085	-0.094
3181	31.80	-0.255	-0.445	-0.745	-1.195	-1.751	-2.289	-2.650	-2.705	-2.405	-1.795
3191	31.90	-0.985	-0.108	0.727	1.448	2.015	2.397	2.556	2.459	2.101	1.529
3201	32.00	0.860	0.258	-0.112	-0.136	0.208	0.844	1.625	2.388	2.998	3.387
3211	32.10	3.551	3.531	3.377	3.126	2.790	2.370	1.867	1.303	0.724	0.194
3221	32.20	-0.220	-0.468	-0.524	-0.399	-0.139	0.181	0.470	0.640	0.620	0.383
3231	32.30	-0.054	-0.633	-1.270	-1.881	-2.401	-2.794	-3.039	-3.120	-3.009	-2.659
3241	32.40	-2.078	-1.256	-0.297	0.627	1.297	1.513	1.161	0.274	-0.957	-2.219
3251	32.50	-3.165	-3.512	-3.135	-2.104	-0.674	0.788	1.905	2.399	2.170	1.315
3261	32.60	0.106	-1.103	-1.975	-2.294	-2.026	-1.318	-0.441	0.312	0.729	0.751
3271	32.70	0.482	0.134	-0.071	0.003	0.344	0.807	1.178	1.275	1.027	0.506
3281	32.80	-0.105	-0.592	-0.797	-0.671	-0.276	0.264	0.827	1.349	1.825	2.285
3291	32.90	2.736	3.126	3.342	3.249	2.757	1.878	0.751	-0.387	-1.257	-1.621
3301	33.00	-1.347	-0.445	0.931	2.519	3.993	5.027	5.356	4.836	3.490	1.516
3311	33.10	-0.736	-2.831	-4.371	-5.084	-4.908	-3.997	-2.672	-1.312	-0.247	0.327
3321	33.20	0.377	0.001	-0.631	-1.343	-2.002	-2.530	-2.900	-3.112	-3.189	-3.171
3331	33.30	-3.102	-3.024	-2.953	-2.860	-2.670	-2.299	-1.694	-0.891	-0.029	0.684
3341	33.40	1.044	0.969	0.459	-0.208	-0.746	-0.892	-0.533	0.236	1.148	1.874
3351	33.50	2.160	1.922	1.278	0.473	-0.228	-0.655	-0.784	-0.712	-0.580	-0.480
3361	33.60	-0.397	-0.228	0.157	0.829	1.737	2.716	3.545	4.042	4.136	3.896
3371	33.70	3.497	3.142	2.978	3.046	3.277	3.545	3.723	3.746	3.625	3.431
3381	33.80	3.247	3.120	3.030	2.899	2.622	2.115	1.362	0.430	-0.540	-1.375
3391	33.90	-1.927	-2.126	-2.007	-1.705	-1.414	-1.324	-1.550	-2.098	-2.847	-3.599
3401	34.00	-4.136	-4.297	-4.031	-3.412	-2.611	-1.843	-1.301	-1.100	-1.261	-1.714
3411	34.10	-2.325	-2.938	-3.410	-3.660	-3.581	-3.247	-2.711	-2.083	-1.488	-1.033
3421	34.20	-0.778	-0.715	-0.780	-0.872	-0.895	-0.797	-0.586	-0.322	-0.087	0.059
3431	34.30	0.104	0.087	0.080	0.144	0.300	0.514	0.714	0.825	0.807	0.676
3441	34.40	0.495	0.344	0.280	0.306	0.377	0.423	0.393	0.290	0.179	0.161
3451	34.50	0.323	0.686	1.184	1.672	1.981	1.985	1.656	1.086	0.456	-0.027
3461	34.60	-0.212	-0.055	0.369	0.902	1.369	1.644	1.689	1.545	1.298	1.021
3471	34.70	0.745	0.454	0.122	-0.243	-0.574	-0.748	-0.639	-0.179	0.585	1.488
3481	34.80	2.287	2.743	2.709	2.178	1.283	0.243	-0.714	-1.426	-1.827	-1.937
3491	34.90	-1.828	-1.576	-1.242	-0.865	-0.478	-0.126	0.142	0.285	0.297	0.211

Table 7-86-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.088	-0.016	-0.071	-0.095	-0.125	-0.188	-0.267	-0.296	-0.192	0.090
3511	35.10	0.513	0.952	1.239	1.239	0.928	0.418	-0.077	-0.338	-0.237	0.195
3521	35.20	0.781	1.278	1.492	1.361	0.973	0.514	0.158	-0.014	-0.048	-0.074
3531	35.30	-0.212	-0.494	-0.831	-1.059	-1.030	-0.704	-0.181	0.340	0.660	0.677
3541	35.40	0.444	0.131	-0.062	-0.021	0.226	0.525	0.678	0.561	0.192	-0.270
3551	35.50	-0.609	-0.658	-0.390	0.068	0.501	0.709	0.605	0.242	-0.225	-0.626
3561	35.60	-0.864	-0.952	-0.985	-1.071	-1.257	-1.502	-1.697	-1.738	-1.581	-1.270
3571	35.70	-0.910	-0.601	-0.379	-0.197	0.041	0.404	0.881	1.350	1.635	1.582
3581	35.80	1.155	0.464	-0.260	-0.765	-0.885	-0.614	-0.105	0.402	0.688	0.654
3591	35.90	0.356	-0.031	-0.304	-0.329	-0.102	0.252	0.546	0.614	0.393	-0.059
3601	36.00	-0.583	-0.994	-1.155	-1.029	-0.682	-0.250	0.118	0.316	0.316	0.157
3611	36.10	-0.072	-0.283	-0.418	-0.463	-0.447	-0.414	-0.404	-0.426	-0.468	-0.496
3621	36.20	-0.489	-0.443	-0.385	-0.357	-0.394	-0.503	-0.654	-0.783	-0.820	-0.721
3631	36.30	-0.488	-0.169	0.154	0.408	0.552	0.596	0.583	0.564	0.560	0.547
3641	36.40	0.460	0.231	-0.169	-0.704	-1.269	-1.729	-1.970	-1.951	-1.720	-1.396
3651	36.50	-1.115	-0.968	-0.961	-1.013	-1.000	-0.813	-0.414	0.138	0.722	1.201
3661	36.60	1.492	1.601	1.617	1.672	1.870	2.244	2.731	3.208	3.537	3.629
3671	36.70	3.671	3.121	2.676	2.224	1.815	1.458	1.139	0.855	0.629	0.504
3681	36.80	0.518	0.671	0.910	1.141	1.265	1.223	1.021	0.727	0.437	0.230
3691	36.90	0.130	0.109	0.105	0.067	-0.021	-0.130	-0.218	-0.264	-0.297	-0.385
3701	37.00	-0.606	-0.992	-1.502	-2.023	-2.416	-2.581	-2.509	-2.288	-2.063	-1.966
3711	37.10	-2.053	-2.276	-2.515	-2.640	-2.581	-2.360	-2.072	-1.824	-1.676	-1.603
3721	37.20	-1.522	-1.346	-1.052	-0.713	-0.466	-0.443	-0.684	-1.099	-1.491	-1.645
3731	37.30	-1.430	-0.870	-0.142	0.505	0.865	0.880	0.658	0.423	0.401	0.707
3741	37.40	1.291	1.966	2.503	2.738	2.645	2.330	1.970	1.708	1.588	1.545
3751	37.50	1.455	1.220	0.835	0.399	0.072	-0.009	0.197	0.614	1.075	1.395
3761	37.60	1.446	1.199	0.725	0.148	-0.407	-0.855	-1.167	-1.351	-1.438	-1.461
3771	37.70	-1.454	-1.459	-1.523	-1.682	-1.937	-2.239	-2.490	-2.573	-2.404	-1.979
3781	37.80	-1.385	-0.776	-0.313	-0.098	-0.130	-0.311	-0.485	-0.509	-0.303	0.126
3791	37.90	0.703	1.323	1.890	2.340	2.630	2.728	2.605	2.247	1.678	0.989
3801	38.00	0.329	-0.133	-0.272	-0.071	0.360	0.816	1.075	0.989	0.556	-0.087
3811	38.10	-0.714	-1.110	-1.160	-0.884	-0.414	0.076	0.450	0.660	0.745	0.781
3821	38.20	0.823	0.867	0.854	0.715	0.424	0.036	-0.327	-0.523	-0.457	-0.128
3831	38.30	0.370	0.885	1.273	1.455	1.438	1.297	1.125	0.991	0.920	0.894
3841	38.40	0.889	0.896	0.929	1.008	1.125	1.229	1.232	1.050	0.648	0.077
3851	38.50	-0.532	-1.014	-1.236	-1.163	-0.877	-0.548	-0.368	-0.468	-0.867	-1.460
3861	38.60	-2.068	-2.506	-2.655	-2.494	-2.100	-1.603	-1.136	-0.792	-0.603	-0.551
3871	38.70	-0.590	-0.669	-0.744	-0.783	-0.764	-0.671	-0.498	-0.261	0.001	0.230
3881	38.80	0.359	0.334	0.133	-0.232	-0.712	-1.233	-1.717	-2.087	-2.284	-2.265
3891	38.90	-2.017	-1.557	-0.936	-0.240	0.431	0.976	1.330	1.477	1.460	1.366
3901	39.00	1.296	1.330	1.502	1.792	2.131	2.435	2.628	2.675	2.589	2.423
3911	39.10	2.249	2.133	2.104	2.146	2.198	2.177	2.005	1.667	1.125	0.523
3921	39.20	-0.044	-0.468	-0.697	-0.756	-0.742	-0.787	-0.999	-1.409	-1.947	-2.464
3931	39.30	-2.785	-2.789	-2.460	-1.902	-1.301	-0.851	-0.675	-0.776	-1.042	-1.296
3941	39.40	-1.372	-1.191	-0.784	-0.279	0.156	0.386	0.351	0.089	-0.298	-0.684
3951	39.50	-0.970	-1.110	-1.113	-1.026	-0.909	-0.818	-0.790	-0.840	-0.960	-1.112
3961	39.60	-1.236	-1.252	-1.091	-0.718	-0.170	0.445	0.964	1.228	1.137	0.705
3971	39.70	0.069	-0.553	-0.933	-0.917	-0.480	0.265	1.114	1.868	2.315	2.473
3981	39.80	2.388	2.185	1.988	1.865	1.809	1.759	1.643	1.427	1.129	0.815
3991	39.90	0.560	0.414	0.373	0.388	0.397	0.357	0.273	0.197	0.196	0.320

Table 7-86-9

TABLE OF CORRECTED ACCELERATION RECORD

NO. 9

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.564	0.865	1.124	1.243	1.172	0.924	0.570	0.211	-0.062	-0.201
4011	40.10	-0.205	-0.107	0.049	0.227	0.408	0.576	0.711	0.776	0.731	0.556
4021	40.20	0.272	-0.047	-0.297	-0.386	-0.278	-0.021	0.260	0.415	0.329	-0.021
4031	40.30	-0.551	-1.107	-1.530	-1.731	-1.729	-1.640	-1.618	-1.776	-2.129	-2.577
4041	40.40	-2.957	-3.111	-2.962	-2.544	-1.977	-1.413	-0.962	-0.654	-0.447	-0.268
4051	40.50	-0.076	0.111	0.217	0.162	-0.085	-0.467	-0.852	-1.087	-1.073	-0.811
4061	40.60	-0.413	-0.046	0.147	0.119	-0.061	-0.239	-0.252	-0.016	0.435	0.957
4071	40.70	1.363	1.510	1.365	1.017	0.637	0.399	0.408	0.657	1.040	1.401
4081	40.80	1.605	1.584	1.354	0.994	0.602	0.256	-0.006	-0.183	-0.289	-0.333
4091	40.90	-0.310	-0.205	-0.014	0.244	0.522	0.749	0.858	0.805	0.586	0.246
4101	41.00	-0.139	-0.471	-0.663	-0.658	-0.445	-0.066	0.387	0.792	1.026	1.001
4111	41.10	0.695	0.168	-0.452	-0.998	-1.314	-1.307	-0.980	-0.428	0.136	0.690
4121	41.20	0.958	0.946	0.703	0.341	-0.011	-0.261	-0.376	-0.392	-0.382	-0.415
4131	41.30	-0.528	-0.702	-0.886	-1.017	-1.063	-1.035	-0.979	-0.955	-0.991	-1.073
4141	41.40	-1.138	-1.103	-0.909	-0.554	-0.106	0.320	0.600	0.647	0.447	0.053
4151	41.50	-0.436	-0.912	-1.298	-1.558	-1.689	-1.704	-1.608	-1.391	-1.040	-0.559
4161	41.60	0.014	0.605	1.121	1.479	1.631	1.579	1.372	1.085	0.795	0.562
4171	41.70	0.422	0.389	0.460	0.618	0.836	1.072	1.278	1.408	1.436	1.363
4181	41.80	1.214	1.031	0.847	0.674	0.507	0.337	0.175	0.064	0.073	0.264
4191	41.90	0.651	1.175	1.701	2.064	2.128	1.849	1.301	0.655	0.117	-0.151
4201	42.00	-0.088	0.244	0.699	1.109	1.348	1.372	1.216	0.962	0.697	0.479
4211	42.10	0.330	0.253	0.241	0.290	0.388	0.503	0.570	0.513	0.269	-0.170
4221	42.20	-0.737	-1.309	-1.742	-1.937	-1.878	-1.644	-1.369	-1.188	-1.180	-1.341
4231	42.30	-1.597	-1.851	-2.029	-2.110	-2.112	-2.069	-1.988	-1.840	-1.576	-1.171
4241	42.40	-0.658	-0.138	0.249	0.385	0.233	-0.133	-0.553	-0.839	-0.860	-0.592
4251	42.50	-0.126	0.382	0.779	0.984	1.007	0.934	0.861	0.841	0.858	0.839
4261	42.60	0.708	0.439	0.082	-0.248	-0.422	-0.360	-0.069	0.353	0.760	1.017
4271	42.70	1.055	0.890	0.609	0.323	0.122	0.045	0.080	0.189	0.328	0.477
4281	42.80	0.632	0.794	0.956	1.091	1.162	1.136	1.002	0.772	0.480	0.159
4291	42.90	-0.166	-0.485	-0.792	-1.069	-1.280	-1.376	-1.316	-1.088	-0.730	-0.325
4301	43.00	0.024	0.226	0.236	0.069	-0.208	-0.506	-0.743	-0.873	-0.890	-0.818
4311	43.10	-0.694	-0.550	-0.404	-0.261	-0.122	0.008	0.119	0.199	0.243	0.251
4321	43.20	0.234	0.208	0.191	0.202	0.257	0.369	0.542	0.763	1.001	1.204
4331	43.30	1.317	1.296	1.127	0.837	0.480	0.123	-0.183	-0.419	-0.595	-0.732
4341	43.40	-0.841	-0.904	-0.880	-0.728	-0.439	-0.055	0.335	0.627	0.742	0.657
4351	43.50	0.417	0.103	-0.203	-0.461	-0.682	-0.904	-1.158	-1.426	-1.637	-1.698
4361	43.60	-1.545	-1.190	-0.735	-0.339	-0.144	-0.211	-0.486	-0.823	-1.058	-1.092
4371	43.70	-0.943	-0.741	-0.653	-0.796	-1.157	-1.589	-1.867	-1.795	-1.303	-0.491
4381	43.80	0.410	1.137	1.507	1.495	1.225	0.903	0.711	0.718	0.858	0.983
4391	43.90	0.951	0.715	0.354	0.040	-0.054	0.149	0.581	1.046	1.307	1.191
4401	44.00	0.677	-0.087	-0.836	-1.300	-1.306	-0.841	-0.051	0.827	1.560	1.996
4411	44.10	2.103	1.944	1.625	1.233	0.801	0.320	-0.231	-0.837	-1.421	-1.862
4421	44.20	-2.038	-1.886	-1.446	-0.852	-0.295	0.059	0.134	-0.028	-0.282	-0.458
4431	44.30	-0.437	-0.219	0.078	0.266	0.183	-0.226	-0.870	-1.533	-1.968	-1.998
4441	44.40	-1.593	-0.881	-0.084	0.582	1.009	1.237	1.418	1.730	2.263	2.960
4451	44.50	3.620	3.990	3.881	3.264	2.300	1.276	0.493	0.143	0.238	0.627
4461	44.60	1.077	1.383	1.450	1.315	1.092	0.890	0.743	0.593	0.338	-0.095
4471	44.70	-0.677	-1.268	-1.667	-1.708	-1.346	-0.695	0.012	0.519	0.652	0.399
4481	44.80	-0.101	-0.618	-0.940	-0.959	-0.703	-0.304	0.072	0.303	0.354	0.265
4491	44.90	0.116	-0.029	-0.145	-0.240	-0.324	-0.380	-0.365	-0.240	-0.007	0.253

Table 7-86-10

TABLE OF CORRECTED ACCELERATION RECORD

NO.10

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.400	0.289	-0.158	-0.889	-1.716	-2.374	-2.622	-2.347	-1.619	-0.673
4511	45.10	0.181	0.676	0.689	0.275	-0.365	-0.977	-1.358	-1.419	-1.202	-0.836
4521	45.20	-0.466	-0.200	-0.079	-0.089	-0.189	-0.340	-0.517	-0.695	-0.838	-0.891
4531	45.30	-0.799	-0.540	-0.159	0.232	0.476	0.435	0.052	-0.610	-1.375	-2.007
4541	45.40	-2.289	-2.103	-1.467	-0.528	0.496	1.387	1.990	2.245	2.179	1.872
4551	45.50	1.419	0.905	0.398	-0.044	-0.361	-0.498	-0.417	-0.121	0.326	0.807
4561	45.60	1.179	1.316	1.158	0.729	0.139	-0.451	-0.883	-1.041	-0.888	-0.462
4571	45.70	0.138	0.789	1.369	1.785	1.979	1.935	1.676	1.258	0.765	0.293
4581	45.80	-0.070	-0.269	-0.294	-0.186	-0.020	0.125	0.197	0.187	0.133	0.091
4591	45.90	0.107	0.190	0.306	0.393	0.394	0.281	0.073	-0.181	-0.424	-0.619
4601	46.00	-0.756	-0.844	-0.890	-0.879	-0.776	-0.554	-0.229	0.119	0.352	0.330
4611	46.10	-0.027	-0.675	-1.442	-2.078	-2.354	-2.163	-1.583	-0.847	-0.255	-0.036
4621	46.20	-0.246	-0.739	-1.237	-1.459	-1.266	-0.725	-0.083	0.351	0.361	-0.068
4631	46.30	-0.730	-1.292	-1.445	-1.050	-0.193	0.851	1.752	2.266	2.330	2.063
4641	46.40	1.677	1.356	1.165	1.034	0.830	0.458	-0.051	-0.539	-0.790	-0.654
4651	46.50	-0.138	0.570	1.176	1.412	1.171	0.559	-0.146	-0.623	-0.654	-0.223
4661	46.60	0.489	1.201	1.672	1.813	1.713	1.567	1.558	1.740	2.001	2.122
4671	46.70	1.898	1.262	0.345	-0.562	-1.136	-1.168	-0.662	0.162	0.963	1.425
4681	46.80	1.389	0.904	0.185	-0.506	-0.981	-1.202	-1.276	-1.370	-1.612	-2.014
4691	46.90	-2.463	-2.777	-2.798	-2.470	-1.864	-1.138	-0.467	0.037	0.356	0.554
4701	47.00	0.721	0.916	1.127	1.283	1.292	1.092	0.690	0.155	-0.400	-0.866
4711	47.10	-1.165	-1.265	-1.169	-0.902	-0.504	-0.030	0.441	0.803	0.944	0.781
4721	47.20	0.302	-0.611	-1.185	-1.807	-2.086	-1.916	-1.307	-0.383	0.673	1.671
4731	47.30	2.469	3.000	3.256	3.272	3.091	2.749	2.276	1.698	1.052	0.381
4741	47.40	-0.274	-0.883	-1.428	-1.897	-2.271	-2.513	-2.578	-2.435	-2.091	-1.613
4751	47.50	-1.119	-0.746	-0.599	-0.703	-0.987	-1.304	-1.485	-1.411	-1.061	-0.531
4761	47.60	0.006	0.363	0.412	0.138	-0.351	-0.871	-1.225	-1.277	-1.008	-0.518
4771	47.70	0.005	0.350	0.356	-0.035	-0.760	-1.659	-2.526	-3.172	-3.480	-3.426
4781	47.80	-3.066	-2.497	-1.811	-1.055	-0.227	0.696	1.715	2.764	3.695	4.313
4791	47.90	4.435	3.973	2.993	1.721	0.497	-0.333	-0.526	-0.033	0.978	2.177
4801	48.00	3.183	3.692	3.583	2.950	2.056	1.230	0.742	0.705	1.043	1.533
4811	48.10	1.901	1.937	1.575	0.911	0.156	-0.458	-0.780	-0.798	-0.637	-0.498
4821	48.20	-0.554	-0.869	-1.359	-1.821	-2.022	-1.803	-1.162	-0.268	0.596	1.133
4831	48.30	1.149	0.618	-0.310	-1.374	-2.300	-2.896	-3.098	-2.959	-2.597	-2.119
4841	48.40	-1.577	-0.960	-0.234	0.605	1.490	2.277	2.792	2.891	2.523	1.760
4851	48.50	0.778	-0.198	-0.961	-1.379	-1.418	-1.130	-0.616	0.010	0.648	1.220
4861	48.60	1.661	1.917	1.946	1.729	1.293	0.721	0.139	-0.312	-0.515	-0.425
4871	48.70	-0.082	0.388	0.815	1.035	0.947	0.545	-0.069	-0.717	-1.191	-1.321
4881	48.80	-1.029	-0.359	0.526	1.386	1.974	2.107	1.721	0.891	-0.196	-1.304
4891	48.90	-2.216	-2.802	-3.042	-3.004	-2.808	-2.559	-2.318	-2.089	-1.850	-1.585
4901	49.00	-1.319	-1.111	-1.031	-1.116	-1.332	-1.578	-1.716	-1.632	-1.294	-0.770
4911	49.10	-0.209	0.222	0.412	0.354	0.148	-0.051	-0.104	0.037	0.307	0.560
4921	49.20	0.642	0.483	0.143	-0.191	-0.275	0.088	0.956	2.206	3.566	4.701
4931	49.30	5.329	5.317	4.713	3.715	2.593	1.590	0.856	0.419	0.222	0.177
4941	49.40	0.223	0.352	0.601	1.006	1.558	2.173	2.700	2.969	2.844	2.284
4951	49.50	1.357	0.234	-0.870	-1.750	-2.269	-2.382	-2.135	-1.641	-1.038	-0.457
4961	49.60	-0.008	0.237	0.236	-0.018	-0.501	-1.161	-1.916	-2.667	-3.315	-3.776
4971	49.70	-3.995	-3.955	-3.672	-3.196	-2.603	-1.996	-1.492	-1.210	-1.235	-1.588
4981	49.80	-2.188	-2.859	-3.353	-3.427	-2.924	-1.849	-0.383	1.154	2.402	3.081
4991	49.90	3.086	2.517	1.637	0.769	0.175	-0.026	0.118	0.437	0.729	0.846

Table 7-86-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.747	0.493	0.200	-0.017	-0.094	-0.023	0.163	0.424	0.730	1.065
5011	50.10	1.405	1.709	1.916	1.974	1.872	1.670	1.482	1.441	1.629	2.031
5021	50.20	2.521	2.911	3.020	2.763	2.184	1.446	0.753	0.261	0.009	-0.089
5031	50.30	-0.196	-0.454	-0.904	-1.450	-1.895	-2.026	-1.719	-1.013	-0.101	0.730
5041	50.40	1.217	1.222	0.787	0.107	-0.554	-0.976	-1.069	-0.908	-0.685	-0.620
5051	50.50	-0.854	-1.384	-2.060	-2.646	-2.922	-2.778	-2.267	-1.582	-0.987	-0.708
5061	50.60	-0.842	-1.324	-1.954	-2.476	-2.681	-2.478	-1.924	-1.183	-0.463	0.072
5071	50.70	0.344	0.377	0.258	0.090	-0.051	-0.138	-0.182	-0.207	-0.228	-0.241
5081	50.80	-0.234	-0.194	-0.127	-0.042	0.056	0.184	0.383	0.698	1.152	1.719
5091	50.90	2.312	2.806	3.074	3.033	2.668	2.035	1.240	0.402	-0.368	-0.981
5101	51.00	-1.369	-1.474	-1.262	-0.736	0.036	0.915	1.707	2.213	2.304	1.972
5111	51.10	1.344	0.654	0.153	0.030	0.339	0.995	1.809	2.564	3.092	3.314
5121	51.20	3.244	2.956	2.539	2.064	1.578	1.106	0.671	0.298	0.006	-0.206
5131	51.30	-0.363	-0.505	-0.667	-0.852	-1.027	-1.137	-1.140	-1.041	-0.912	-0.867
5141	51.40	-1.020	-1.427	-2.055	-2.778	-3.423	-3.827	-3.886	-3.584	-2.970	-2.131
5151	51.50	-1.149	-0.092	0.978	1.978	2.790	3.270	3.289	2.786	1.814	0.544
5161	51.60	-0.775	-1.884	-2.591	-2.818	-2.613	-2.115	-1.500	-0.933	-0.530	-0.353
5171	51.70	-0.416	-0.695	-1.134	-1.647	-2.122	-2.441	-2.506	-2.276	-1.778	-1.106
5181	51.80	-0.382	0.288	0.849	1.308	1.713	2.112	2.516	2.888	3.159	3.269
5191	51.90	3.207	3.021	2.794	2.606	2.485	2.391	2.242	1.970	1.572	1.142
5201	52.00	0.837	0.809	1.122	1.692	2.295	2.642	2.488	1.736	0.487	-0.985
5211	52.10	-2.337	-3.270	-3.638	-3.478	-2.972	-2.361	-1.846	-1.525	-1.384	-1.340
5221	52.20	-1.303	-1.226	-1.127	-1.061	-1.083	-1.212	-1.418	-1.640	-1.814	-1.907
5231	52.30	-1.924	-1.897	-1.865	-1.858	-1.889	-1.960	-2.077	-2.249	-2.472	-2.712
5241	52.40	-2.895	-2.913	-2.666	-2.106	-1.277	-0.321	0.565	1.190	1.444	1.335
5251	52.50	0.979	0.543	0.174	-0.055	-0.162	-0.214	-0.268	-0.321	-0.296	-0.081
5261	52.60	0.402	1.137	1.993	2.758	3.221	3.256	2.876	2.225	1.522	0.967
5271	52.70	0.670	0.625	0.735	0.880	0.984	1.049	1.140	1.345	1.712	2.214
5281	52.80	2.751	3.190	3.417	3.381	3.109	2.684	2.212	1.777	1.420	1.137
5291	52.90	0.897	0.661	0.401	0.107	-0.212	-0.537	-0.838	-1.079	-1.224	-1.247
5301	53.00	-1.141	-0.929	-0.664	-0.413	-0.235	-0.162	-0.185	-0.269	-0.367	-0.450
5311	53.10	-0.520	-0.605	-0.739	-0.934	-1.164	-1.373	-1.494	-1.483	-1.343	-1.127
5321	53.20	-0.912	-0.762	-0.701	-0.696	-0.677	-0.575	-0.363	-0.076	0.200	0.358
5331	53.30	0.326	0.102	-0.232	-0.533	-0.667	-0.660	0.051	0.812	1.673	2.446
5341	53.40	2.971	3.149	2.970	2.505	1.870	1.186	0.540	-0.039	-0.575	-1.120
5351	53.50	-1.709	-2.335	-2.922	-3.348	-3.484	-3.244	-2.632	-1.756	-0.802	0.019
5361	53.60	0.542	0.703	0.555	0.244	-0.056	-0.208	-0.158	0.049	0.306	0.493
5371	53.70	0.531	0.414	0.191	-0.059	-0.277	-0.450	-0.604	-0.781	-0.993	-1.200
5381	53.80	-1.305	-1.191	-0.774	-0.047	0.898	1.887	2.714	3.205	3.272	2.936
5391	53.90	2.311	1.568	0.875	0.357	0.074	0.015	0.120	0.302	0.471	0.549
5401	54.00	0.479	0.233	-0.188	-0.748	-1.384	-2.009	-2.537	-2.892	-3.030	-2.941
5411	54.10	-2.651	-2.208	-1.677	-1.122	-0.610	-0.198	0.065	0.153	0.067	-0.155
5421	54.20	-0.438	-0.691	-0.827	-0.791	-0.578	-0.239	0.147	0.497	0.761	0.938
5431	54.30	1.075	1.239	1.486	1.824	2.205	2.536	2.709	2.666	2.328	1.807
5441	54.40	1.193	0.621	0.208	0.022	0.064	0.273	0.543	0.760	0.824	0.676
5451	54.50	0.306	-0.246	-0.905	-1.571	-2.145	-2.543	-2.715	-2.648	-2.370	-1.933
5461	54.60	-1.407	-0.855	-0.329	0.136	0.519	0.804	0.971	1.000	0.873	0.588
5471	54.70	0.170	-0.329	-0.831	-1.260	-1.554	-1.692	-1.696	-1.623	-1.548	-1.535
5481	54.80	-1.619	-1.794	-2.019	-2.234	-2.380	-2.411	-2.309	-2.076	-1.731	-1.301
5491	54.90	-0.817	-0.305	0.210	0.708	1.176	1.609	2.009	2.383	2.729	3.033

Table 7-86-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	3.265	3.387	3.367	3.197	2.905	2.557	2.240	2.032	1.982	2.086
5511	55.10	2.296	2.532	2.713	2.785	2.730	2.563	2.315	2.014	1.674	1.294
5521	55.20	0.871	0.416	-0.042	-0.463	-0.812	-1.075	-1.271	-1.441	-1.629	-1.853
5531	55.30	-2.098	-2.314	-2.444	-2.455	-2.360	-2.219	-2.115	-2.111	-2.215	-2.368
5541	55.40	-2.457	-2.364	-2.018	-1.427	-0.683	0.073	0.707	1.140	1.373	1.475
5551	55.50	1.537	1.621	1.724	1.781	1.698	1.404	0.896	0.254	-0.384	-0.873
5561	55.60	-1.119	-1.113	-0.930	-0.698	-0.541	-0.537	-0.699	-0.982	-1.317	-1.642
5571	55.70	-1.921	-2.136	-2.271	-2.291	-2.138	-1.751	-1.102	-0.226	0.766	1.707
5581	55.80	2.423	2.784	2.752	2.391	1.341	1.271	0.826	0.587	0.563	0.702
5591	55.90	0.927	1.162	1.353	1.469	1.499	1.443	1.308	1.115	0.899	0.706
5601	56.00	0.579	0.541	0.578	0.638	0.649	0.546	0.304	-0.048	-0.433	-0.760
5611	56.10	-0.954	-0.999	-0.939	-0.860	-0.857	-0.983	-1.230	-1.531	-1.790	-1.924
5621	56.20	-1.898	-1.741	-1.527	-1.341	-1.237	-1.216	-1.231	-1.210	-1.101	-0.895
5631	56.30	-0.634	-0.394	-0.245	-0.222	-0.309	-0.447	-0.566	-0.620	-0.602	-0.545
5641	56.40	-0.498	-0.491	-0.512	-0.512	-0.424	-0.201	0.156	0.594	1.023	1.356
5651	56.50	1.546	1.601	1.576	1.543	1.554	1.619	1.706	1.765	1.758	1.682
5661	56.60	1.575	1.490	1.472	1.532	1.643	1.757	1.828	1.834	1.783	1.700
5671	56.70	1.606	1.507	1.386	1.227	1.026	0.812	0.629	0.518	0.484	0.483
5681	56.80	0.429	0.235	-0.144	-0.679	-1.269	-1.771	-2.060	-2.077	-1.852	-1.487
5691	56.90	-1.114	-0.836	-0.697	-0.676	-0.716	-0.763	-0.796	-0.834	-0.914	-1.061
5701	57.00	-1.267	-1.486	-1.658	-1.739	-1.723	-1.645	-1.559	-1.509	-1.510	-1.539
5711	57.10	-1.555	-1.525	-1.436	-1.304	-1.152	-0.994	-0.818	-0.599	-0.316	0.017
5721	57.20	0.347	0.592	0.681	0.590	0.364	0.108	-0.055	-0.037	0.176	0.515
5731	57.30	0.855	1.073	1.097	0.935	0.660	0.382	0.190	0.127	0.183	0.316
5741	57.40	0.480	0.655	0.844	1.056	1.281	1.475	1.563	1.467	1.146	0.617
5751	57.50	-0.041	-0.709	-1.273	-1.659	-1.856	-1.910	-1.897	-1.889	-1.923	-1.990
5761	57.60	-2.048	-2.034	-1.894	-1.601	-1.159	-0.606	-0.004	0.572	1.042	1.342
5771	57.70	1.433	1.312	1.022	0.641	0.269	0.003	-0.087	0.028	0.332	0.771
5781	57.80	1.269	1.749	2.142	2.399	2.493	2.423	2.213	1.916	1.605	1.357
5791	57.90	1.235	1.265	1.431	1.672	1.902	2.045	2.051	1.911	1.655	1.325
5801	58.00	0.956	0.564	0.142	-0.316	-0.796	-1.259	-1.637	-1.864	-1.905	-1.775
5811	58.10	-1.542	-1.308	-1.166	-1.167	-1.307	-1.523	-1.733	-1.861	-1.870	-1.768
5821	58.20	-1.593	-1.390	-1.189	-0.998	-0.807	-0.605	-0.394	-0.194	-0.034	0.065
5831	58.30	0.098	0.079	0.032	-0.027	-0.100	-0.203	-0.357	-0.566	-0.803	-1.016
5841	58.40	-1.145	-1.147	-1.015	-0.785	-0.521	-0.285	-0.117	-0.017	0.040	0.092
5851	58.50	0.158	0.236	0.304	0.344	0.360	0.390	0.492	0.717	1.078	1.537
5861	58.60	2.004	2.374	2.563	2.543	2.351	2.070	1.796	1.599	1.501	1.474
5871	58.70	1.464	1.422	1.326	1.192	1.057	0.962	0.926	0.938	0.967	0.971
5881	58.80	0.921	0.806	0.635	0.424	0.183	-0.085	-0.386	-0.722	-1.078	-1.415
5891	58.90	-1.680	-1.812	-1.769	-1.542	-1.162	-0.701	-0.252	0.087	0.240	0.174
5901	59.00	-0.096	-0.501	-0.939	-1.296	-1.479	-1.446	-1.215	-0.867	-0.514	-0.273
5911	59.10	-0.216	-0.355	-0.634	-0.950	-1.197	-1.299	-1.238	-1.055	-0.832	-0.651
5921	59.20	-0.570	-0.601	-0.715	-0.862	-0.999	-1.107	-1.194	-1.284	-1.397	-1.532
5931	59.30	-1.665	-1.757	-1.772	-1.692	-1.529	-1.312	-1.078	-0.855	-0.654	-0.467
5941	59.40	-0.283	-0.093	0.098	0.283	0.456	0.622	0.800	1.015	1.282	1.587
5951	59.50	1.893	2.139	2.267	2.246	2.087	1.842	1.591	1.409	1.341	1.385
5961	59.60	1.492	1.584	1.581	1.431	1.127	0.711	0.261	-0.130	-0.381	-0.446
5971	59.70	-0.330	-0.082	0.212	0.461	0.591	0.568	0.411	0.172	-0.076	-0.277
5981	59.80	-0.405	-0.471	-0.508	-0.550	-0.605	-0.650	-0.640	-0.536	-0.329	-0.056
5991	59.90	0.209	0.385	0.413	0.290	0.062	-0.192	-0.395	-0.503	-0.513	-0.451

Table 7-86-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.346	-0.202	0.001	0.293	0.680	1.121	1.524	1.771	1.773	1.511
6011	60.10	1.054	0.563	0.135	-0.060	-0.022	0.174	0.396	0.518	0.476	0.292
6021	60.20	0.061	-0.106	-0.131	-0.005	0.207	0.406	0.506	0.468	0.314	0.109
6031	60.30	-0.077	-0.203	-0.270	-0.313	-0.376	-0.487	-0.646	-0.828	-1.000	-1.139
6041	60.40	-1.236	-1.296	-1.327	-1.330	-1.305	-1.252	-1.187	-1.136	-1.134	-1.199
6051	60.50	-1.316	-1.439	-1.500	-1.438	-1.230	-0.901	-0.520	-0.171	0.081	0.214
6061	60.60	0.254	0.257	0.283	0.368	0.519	0.718	0.941	1.169	1.395	1.613
6071	60.70	1.802	1.923	1.929	1.789	1.511	1.154	0.810	0.577	0.510	0.593
6081	60.80	0.745	0.852	0.816	0.603	0.258	-0.115	-0.398	-0.520	-0.479	-0.349
6091	60.90	-0.239	-0.242	-0.395	-0.666	-0.975	-1.236	-1.392	-1.438	-1.412	-1.357
6101	61.00	-1.300	-1.231	-1.114	-0.918	-0.648	-0.355	-0.126	-0.046	-0.156	-0.426
6111	61.10	-0.765	-1.048	-1.171	-1.090	-0.840	-0.516	-0.233	-0.075	-0.066	-0.158
6121	61.20	-0.263	-0.286	-0.172	0.075	0.394	0.690	0.876	0.900	0.767	0.537
6131	61.30	0.298	0.141	0.127	0.269	0.527	0.822	1.060	1.165	1.096	0.864
6141	61.40	0.528	0.169	-0.128	-0.307	-0.355	-0.291	-0.172	-0.057	0.012	0.015
6151	61.50	-0.039	-0.125	-0.215	-0.284	-0.321	-0.321	-0.288	-0.227	-0.147	-0.061
6161	61.60	0.018	0.077	0.110	0.118	0.119	0.132	0.176	0.257	0.367	0.482
6171	61.70	0.576	0.628	0.629	0.581	0.491	0.369	0.218	0.048	-0.123	-0.262
6181	61.80	-0.325	-0.274	-0.095	0.185	0.502	0.770	0.913	0.897	0.746	0.532
6191	61.90	0.353	0.285	0.358	0.548	0.784	0.991	1.112	1.134	1.081	0.995
6201	62.00	0.917	0.862	0.826	0.796	0.744	0.731	0.705	0.685	0.649	0.557
6211	62.10	0.368	0.062	-0.338	-0.768	-1.149	-1.384	-1.471	-1.436	-1.351	-1.297
6221	62.20	-1.323	-1.424	-1.548	-1.627	-1.619	-1.527	-1.403	-1.315	-1.308	-1.375
6231	62.30	-1.458	-1.476	-1.373	-1.151	-0.876	-0.654	-0.579	-0.686	-0.931	-1.209
6241	62.40	-1.399	-1.422	-1.271	-1.016	-0.765	-0.613	-0.595	-0.675	-0.766	-0.774
6251	62.50	-0.665	-0.384	-0.056	0.252	0.473	0.585	0.620	0.644	0.719	0.879
6261	62.60	1.108	1.353	1.546	1.634	1.602	1.475	1.307	1.160	1.078	1.076
6271	62.70	1.133	1.203	1.237	1.201	1.096	0.954	0.837	0.807	0.902	1.116
6281	62.80	1.394	1.642	1.764	1.696	1.437	1.051	0.651	0.358	0.255	0.360
6291	62.90	0.614	0.917	1.158	1.270	1.243	1.129	1.005	0.942	0.963	1.039
6301	63.00	1.100	1.068	0.891	0.568	0.144	-0.305	-0.703	-1.005	-1.202	-1.319
6311	63.10	-1.396	-1.463	-1.531	-1.589	-1.616	-1.596	-1.532	-1.449	-1.379	-1.354
6321	63.20	-1.379	-1.436	-1.487	-1.490	-1.422	-1.288	-1.122	-0.970	-0.870	-0.832
6331	63.30	-0.831	-0.817	-0.741	-0.580	-0.351	-0.108	0.077	0.150	0.099	-0.037
6341	63.40	-0.183	-0.259	-0.219	-0.069	0.135	0.315	0.409	0.402	0.335	0.285
6351	63.50	0.332	0.515	0.811	1.144	1.413	1.534	1.475	1.266	0.984	0.718
6361	63.60	0.533	0.446	0.430	0.428	0.384	0.268	0.084	-0.141	-0.364	-0.554
6371	63.70	-0.690	-0.768	-0.791	-0.759	-0.667	-0.509	-0.288	-0.017	0.276	0.554
6381	63.80	0.781	0.933	0.999	0.983	0.898	0.757	0.577	0.369	0.147	-0.069
6391	63.90	-0.257	-0.394	-0.463	-0.459	-0.398	-0.312	-0.248	-0.257	-0.377	-0.616
6401	64.00	-0.955	-1.325	-1.642	-1.819	-1.797	-1.563	-1.167	-0.701	-0.281	0.001
6411	64.10	0.098	0.027	-0.145	-0.328	-0.450	-0.480	-0.439	-0.377	-0.348	-0.380
6421	64.20	-0.457	-0.533	-0.558	-0.505	-0.389	-0.261	-0.184	-0.204	-0.319	-0.484
6431	64.30	-0.626	-0.683	-0.626	-0.476	-0.286	-0.115	0.009	0.098	0.199	0.365
6441	64.40	0.617	0.928	1.225	1.417	1.438	1.273	0.973	0.630	0.341	0.170
6451	64.50	0.127	0.172	0.246	0.302	0.327	0.348	0.407	0.536	0.727	0.935
6461	64.60	1.092	1.136	1.039	0.816	0.522	0.224	-0.023	-0.193	-0.285	-0.318
6471	64.70	-0.309	-0.271	-0.209	-0.130	-0.050	0.003	0.001	-0.069	-0.198	-0.352
6481	64.80	-0.488	-0.572	-0.596	-0.584	-0.572	-0.589	-0.637	-0.686	-0.688	-0.602
6491	64.90	-0.425	-0.195	0.012	0.117	0.072	-0.119	-0.396	-0.671	-0.862	-0.924

Table 7-86-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-0.863	-0.725	-0.568	-0.436	-0.337	-0.245	-0.120	0.067	0.318	0.599
6511	65.10	0.858	1.040	1.118	1.093	1.000	0.890	0.817	0.816	0.901	1.061
6521	65.20	1.263	1.467	1.627	1.709	1.693	1.580	1.390	1.160	0.927	0.724
6531	65.30	0.566	0.451	0.368	0.308	0.267	0.255	0.281	0.349	0.447	0.548
6541	65.40	0.618	0.632	0.588	0.508	0.430	0.386	0.386	0.407	0.403	0.321
6551	65.50	0.135	-0.144	-0.464	-0.750	-0.936	-0.990	-0.924	-0.795	-0.670	-0.607
6561	65.60	-0.627	-0.716	-0.831	-0.927	-0.980	-0.988	-0.973	-0.962	-0.970	-0.991
6571	65.70	-1.001	-0.972	-0.886	-0.745	-0.575	-0.407	-0.269	-0.174	-0.114	-0.070
6581	65.80	-0.022	0.041	0.118	0.200	0.273	0.329	0.364	0.374	0.350	0.276
6591	65.90	0.132	-0.089	-0.376	-0.691	-0.976	-1.172	-1.240	-1.178	-1.020	-0.826
6601	66.00	-0.658	-0.553	-0.515	-0.517	-0.522	-0.502	-0.456	-0.407	-0.386	-0.413
6611	66.10	-0.482	-0.557	-0.588	-0.536	-0.390	-0.172	0.075	0.305	0.494	0.645
6621	66.20	0.784	0.937	1.114	1.298	1.457	1.556	1.584	1.554	1.504	1.469
6631	66.30	1.464	1.474	1.460	1.381	1.221	1.002	0.775	0.602	0.519	0.521
6641	66.40	0.561	0.569	0.488	0.302	0.040	-0.231	-0.442	-0.549	-0.552	-0.495
6651	66.50	-0.439	-0.436	-0.510	-0.647	-0.807	-0.945	-1.032	-1.061	-1.045	-1.009
6661	66.60	-0.976	-0.963	-0.976	-1.014	-1.077	-1.162	-1.261	-1.357	-1.427	-1.443
6671	66.70	-1.382	-1.235	-1.010	-0.737	-0.453	-0.200	-0.011	0.100	0.136	0.120
6681	66.80	0.091	0.091	0.153	0.292	0.496	0.724	0.924	1.045	1.063	0.991
6691	66.90	0.870	0.757	0.695	0.696	0.731	0.750	0.703	0.571	0.377	0.177
6701	67.00	0.028	-0.034	-0.022	0.016	0.020	-0.049	-0.177	-0.310	-0.370	-0.305
6711	67.10	-0.117	0.127	0.326	0.385	0.265	0.005	-0.293	-0.505	-0.541	-0.383
6721	67.20	-0.090	0.228	0.460	0.538	0.482	0.287	0.095	-0.048	-0.115	-0.123
6731	67.30	-0.112	-0.121	-0.164	-0.229	-0.286	-0.308	-0.286	-0.235	-0.183	-0.156
6741	67.40	-0.166	-0.209	-0.266	-0.319	-0.357	-0.378	-0.386	-0.384	-0.370	-0.341
6751	67.50	-0.295	-0.241	-0.195	-0.172	-0.182	-0.218	-0.255	-0.261	-0.213	-0.106
6761	67.60	0.040	0.191	0.307	0.365	0.366	0.332	0.298	0.295	0.338	0.420
6771	67.70	0.521	0.612	0.675	0.703	0.701	0.685	0.670	0.665	0.675	0.700
6781	67.80	0.734	0.774	0.815	0.852	0.878	0.888	0.876	0.836	0.770	0.678
6791	67.90	0.565	0.437	0.305	0.180	0.076	0.005	-0.026	-0.018	0.019	0.071
6801	68.00	0.123	0.169	0.212	0.284	0.334	0.426	0.526	0.609	0.643	0.604
6811	68.10	0.483	0.292	0.060	-0.180	-0.402	-0.589	-0.739	-0.858	-0.947	-1.009
6821	68.20	-1.041	-1.049	-1.050	-1.069	-1.133	-1.252	-1.410	-1.563	-1.652	-1.623
6831	68.30	-1.458	-1.183	-0.866	-0.596	-0.443	-0.436	-0.546	-0.705	-0.829	-0.858
6841	68.40	-0.781	-0.634	-0.485	-0.398	-0.403	-0.481	-0.577	-0.622	-0.568	-0.407
6851	68.50	-0.178	0.056	0.231	0.312	0.304	0.246	0.190	0.181	0.234	0.339
6861	68.60	0.464	0.572	0.641	0.662	0.646	0.610	0.570	0.536	0.514	0.504
6871	68.70	0.508	0.528	0.563	0.602	0.629	0.626	0.576	0.479	0.350	0.216
6881	68.80	0.109	0.054	0.058	0.108	0.182	0.255	0.314	0.361	0.410	0.477
6891	68.90	0.572	0.683	0.784	0.842	0.827	0.732	0.575	0.397	0.246	0.162
6901	69.00	0.160	0.224	0.309	0.360	0.332	0.206	-0.003	-0.251	-0.478	-0.631
6911	69.10	-0.679	-0.623	-0.490	-0.323	-0.161	-0.031	0.059	0.115	0.147	0.156
6921	69.20	0.137	0.073	-0.045	-0.212	-0.401	-0.569	-0.666	-0.652	-0.515	-0.274
6931	69.30	0.022	0.310	0.530	0.644	0.643	0.547	0.398	0.242	0.117	0.045
6941	69.40	0.024	0.041	0.071	0.094	0.097	0.074	0.028	-0.039	-0.127	-0.236
6951	69.50	-0.368	-0.515	-0.663	-0.788	-0.866	-0.880	-0.830	-0.735	-0.624	-0.528
6961	69.60	-0.480	-0.416	-0.374	-0.312	-0.214	-0.094	0.017	0.077	0.059	-0.039
6971	69.70	-0.183	-0.319	-0.397	-0.389	-0.306	-0.186	-0.077	-0.008	0.025	0.054
6981	69.80	0.120	0.248	0.422	0.592	0.697	0.695	0.591	0.445	0.343	0.365
6991	69.90	0.540	0.832	1.150	1.386	1.467	1.381	1.183	0.969	0.827	0.800

Table 7-86-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	0.862	0.961	0.948	0.825	0.569	0.236	-0.090	-0.326	-0.429	-0.407
7011	70.10	-0.306	-0.190	-0.108	-0.082	-0.106	-0.156	-0.211	-0.259	-0.307	-0.369
7021	70.20	-0.457	-0.575	-0.716	-0.862	-0.997	-1.104	-1.175	-1.210	-1.216	-1.209
7031	70.30	-1.209	-1.235	-1.299	-1.400	-1.520	-1.624	-1.674	-1.640	-1.515	-1.315
7041	70.40	-1.079	-0.850	-0.660	-0.518	-0.414	-0.321	-0.216	-0.086	0.068	0.236
7051	70.50	0.407	0.579	0.756	0.942	1.129	1.298	1.416	1.453	1.394	1.255
7061	70.60	1.073	0.899	0.781	0.739	0.767	0.834	0.903	0.941	0.938	0.900
7071	70.70	0.845	0.789	0.739	0.688	0.619	0.514	0.360	0.152	-0.104	-0.395
7081	70.80	-0.700	-0.995	-1.251	-1.446	-1.565	-1.608	-1.591	-1.542	-1.490	-1.451
7091	70.90	-1.423	-1.387	-1.312	-1.177	-0.981	-0.747	-0.512	-0.313	-0.169	-0.073
7101	71.00	0.005	0.099	0.233	0.405	0.586	0.734	0.812	0.806	0.733	0.630
7111	71.10	0.546	0.516	0.553	0.643	0.759	0.864	0.933	0.953	0.923	0.851
7121	71.20	0.751	0.635	0.515	0.403	0.307	0.237	0.191	0.165	0.149	0.128
7131	71.30	0.093	0.042	-0.020	-0.084	-0.140	-0.182	-0.207	-0.221	-0.228	-0.235
7141	71.40	-0.249	-0.271	-0.299	-0.325	-0.337	-0.318	-0.256	-0.145	0.006	0.175
7151	71.50	0.330	0.445	0.508	0.530	0.542	0.582	0.674	0.815	0.973	1.093
7161	71.60	1.126	1.045	0.867	0.644	0.446	0.329	0.319	0.397	0.514	0.613
7171	71.70	0.658	0.644	0.599	0.561	0.559	0.593	0.634	0.639	0.573	0.430
7181	71.80	0.238	0.048	-0.089	-0.143	-0.119	-0.049	0.020	0.054	0.042	0.001
7191	71.90	-0.041	-0.064	-0.067	-0.079	-0.141	-0.289	-0.534	-0.851	-1.182	-1.459
7201	72.00	-1.629	-1.671	-1.604	-1.479	-1.354	-1.274	-1.252	-1.261	-1.254	-1.176
7211	72.10	-0.998	-0.720	-0.384	-0.052	0.210	0.360	0.388	0.326	0.225	0.143
7221	72.20	0.120	0.162	0.248	0.336	0.382	0.363	0.281	0.164	0.053	-0.018
7231	72.30	-0.031	0.008	0.073	0.131	0.152	0.126	0.061	-0.021	-0.093	-0.130
7241	72.40	-0.119	-0.062	0.032	0.144	0.258	0.356	0.428	0.469	0.477	0.460
7251	72.50	0.425	0.380	0.332	0.283	0.228	0.160	0.070	-0.048	-0.195	-0.368
7261	72.60	-0.557	-0.753	-0.939	-1.103	-1.226	-1.293	-1.291	-1.214	-1.068	-0.874
7271	72.70	-0.661	-0.463	-0.307	-0.207	-0.159	-0.165	-0.141	-0.128	-0.102	-0.074
7281	72.80	-0.063	-0.089	-0.157	-0.254	-0.347	-0.399	-0.379	-0.278	-0.115	0.066
7291	72.90	0.213	0.284	0.263	0.170	0.052	-0.034	-0.044	0.036	0.181	0.340
7301	73.00	0.452	0.478	0.413	0.293	0.176	0.121	0.158	0.276	0.435	0.565
7311	73.10	0.615	0.567	0.445	0.303	0.201	0.181	0.245	0.362	0.481	0.558
7321	73.20	0.574	0.544	0.498	0.471	0.473	0.489	0.485	0.425	0.296	0.119
7331	73.30	-0.056	-0.171	-0.184	-0.088	0.083	0.267	0.399	0.438	0.380	0.258
7341	73.40	0.127	0.042	0.033	0.100	0.210	0.319	0.382	0.376	0.303	0.188
7351	73.50	0.069	-0.017	-0.047	-0.018	0.053	0.134	0.193	0.205	0.162	0.076
7361	73.60	-0.025	-0.109	-0.148	-0.129	-0.059	0.039	0.133	0.195	0.208	0.166
7371	73.70	0.078	-0.042	-0.181	-0.327	-0.471	-0.605	-0.715	-0.786	-0.801	-0.751
7381	73.80	-0.639	-0.480	-0.301	-0.132	0.004	0.096	0.145	0.165	0.174	0.184
7391	73.90	0.204	0.228	0.251	0.259	0.246	0.207	0.141	0.048	-0.067	-0.200
7401	74.00	-0.344	-0.482	-0.596	-0.662	-0.660	-0.585	-0.447	-0.277	-0.117	-0.007
7411	74.10	0.027	-0.014	-0.102	-0.191	-0.230	-0.191	-0.070	0.102	0.274	0.394
7421	74.20	0.429	0.377	0.266	0.141	0.045	0.007	0.027	0.085	0.149	0.190
7431	74.30	0.192	0.152	0.080	-0.010	-0.106	-0.196	-0.273	-0.326	-0.345	-0.323
7441	74.40	-0.264	-0.182	-0.097	-0.032	0.001	0.004	-0.005	-0.003	0.027	0.086
7451	74.50	0.156	0.207	0.210	0.148	0.028	-0.126	-0.280	-0.399	-0.461	-0.457
7461	74.60	-0.391	-0.274	-0.122	0.043	0.193	0.297	0.329	0.274	0.142	-0.032
7471	74.70	-0.194	-0.290	-0.286	-0.183	-0.018	0.151	0.267	0.295	0.242	0.144
7481	74.80	0.055	0.018	0.051	0.141	0.249	0.335	0.376	0.368	0.335	0.305
7491	74.90	0.305	0.342	0.408	0.482	0.543	0.578	0.584	0.566	0.527	0.471

Table 7-86-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	0.396	0.300	0.185	0.059	-0.062	-0.165	-0.237	-0.278	-0.293	-0.294
7511	75.10	-0.293	-0.298	-0.313	-0.335	-0.359	-0.379	-0.387	-0.373	-0.331	-0.257
7521	75.20	-0.154	-0.034	0.081	0.164	0.193	0.155	0.060	-0.066	-0.186	-0.264
7531	75.30	-0.280	-0.238	-0.163	-0.097	-0.077	-0.119	-0.215	-0.328	-0.410	-0.416
7541	75.40	-0.328	-0.160	0.045	0.227	0.335	0.339	0.243	0.080	-0.101	-0.256
7551	75.50	-0.356	-0.398	-0.392	-0.359	-0.312	-0.260	-0.200	-0.128	-0.045	0.045
7561	75.60	0.134	0.217	0.298	0.384	0.484	0.598	0.714	0.807	0.850	0.828
7571	75.70	0.743	0.622	0.500	0.410	0.367	0.362	0.368	0.355	0.304	0.218
7581	75.80	0.122	0.048	0.020	0.043	0.099	0.155	0.180	0.156	0.088	-0.005
7591	75.90	-0.096	-0.163	-0.199	-0.207	-0.196	-0.174	-0.144	-0.102	-0.047	0.016
7601	76.00	0.078	0.123	0.143	0.139	0.121	0.107	0.111	0.138	0.176	0.206
7611	76.10	0.205	0.163	0.083	-0.019	-0.121	-0.205	-0.268	-0.318	-0.368	-0.432
7621	76.20	-0.510	-0.586	-0.632	-0.621	-0.535	-0.374	-0.165	0.051	0.227	0.324
7631	76.30	0.323	0.232	0.079	-0.095	-0.253	-0.373	-0.453	-0.511	-0.570	-0.648
7641	76.40	-0.750	-0.863	-0.963	-1.030	-1.057	-1.057	-1.053	-1.071	-1.119	-1.186
7651	76.50	-1.236	-1.233	-1.150	-0.991	-0.792	-0.608	-0.488	-0.458	-0.506	-0.583
7661	76.60	-0.629	-0.593	-0.460	-0.252	-0.022	0.173	0.296	0.342	0.342	0.339
7671	76.70	0.376	0.467	0.599	0.735	0.837	0.878	0.857	0.794	0.722	0.670
7681	76.80	0.652	0.667	0.703	0.748	0.798	0.857	0.930	1.019	1.111	1.185
7691	76.90	1.214	1.179	1.079	0.933	0.775	0.643	0.564	0.543	0.568	0.609
7701	77.00	0.637	0.629	0.580	0.499	0.399	0.293	0.183	0.063	-0.080	-0.252
7711	77.10	-0.453	-0.664	-0.863	-1.020	-1.115	-1.141	-1.107	-1.031	-0.937	-0.845
7721	77.20	-0.771	-0.717	-0.682	-0.661	-0.648	-0.638	-0.626	-0.611	-0.591	-0.566
7731	77.30	-0.541	-0.521	-0.511	-0.511	-0.515	-0.510	-0.476	-0.396	-0.266	-0.091
7741	77.40	0.105	0.291	0.439	0.533	0.577	0.591	0.607	0.652	0.738	0.859
7751	77.50	0.986	1.086	1.128	1.099	1.006	0.876	0.746	0.651	0.616	0.645
7761	77.60	0.727	0.840	0.957	1.051	1.106	1.112	1.066	0.974	0.845	0.689
7771	77.70	0.518	0.342	0.166	-0.003	-0.162	-0.302	-0.416	-0.489	-0.513	-0.483
7781	77.80	-0.406	-0.305	-0.207	-0.142	-0.128	-0.165	-0.235	-0.306	-0.348	-0.346
7791	77.90	-0.304	-0.249	-0.212	-0.219	-0.278	-0.369	-0.457	-0.506	-0.495	-0.428
7801	78.00	-0.329	-0.237	-0.179	-0.162	-0.171	-0.173	-0.139	-0.055	0.065	0.186
7811	78.10	0.269	0.287	0.241	0.153	0.063	0.002	-0.015	0.002	0.026	0.029
7821	78.20	-0.004	-0.064	-0.132	-0.182	-0.199	-0.190	-0.171	-0.166	-0.184	-0.218
7831	78.30	-0.245	-0.240	-0.190	-0.106	-0.019	0.033	0.023	-0.049	-0.157	-0.257
7841	78.40	-0.311	-0.301	-0.238	-0.157	-0.101	-0.096	-0.165	-0.224	-0.297	-0.333
7851	78.50	-0.321	-0.272	-0.213	-0.172	-0.161	-0.176	-0.197	-0.201	-0.177	-0.131
7861	78.60	-0.082	-0.053	-0.059	-0.097	-0.147	-0.184	-0.183	-0.132	-0.055	0.043
7871	78.70	0.131	0.192	0.220	0.222	0.214	0.211	0.226	0.263	0.315	0.371
7881	78.80	0.416	0.433	0.411	0.344	0.238	0.108	-0.021	-0.125	-0.187	-0.202
7891	78.90	-0.181	-0.148	-0.131	-0.147	-0.197	-0.264	-0.318	-0.332	-0.289	-0.192
7901	79.00	-0.062	0.068	0.170	0.225	0.233	0.211	0.179	0.157	0.154	0.166
7911	79.10	0.186	0.202	0.208	0.205	0.196	0.187	0.181	0.178	0.172	0.161
7921	79.20	0.142	0.114	0.080	0.040	-0.007	-0.062	-0.127	-0.198	-0.268	-0.326
7931	79.30	-0.384	-0.376	-0.368	-0.351	-0.340	-0.348	-0.379	-0.431	-0.490	-0.543
7941	79.40	-0.576	-0.584	-0.566	-0.528	-0.479	-0.428	-0.383	-0.352	-0.342	-0.358
7951	79.50	-0.399	-0.456	-0.512	-0.546	-0.534	-0.466	-0.340	-0.173	0.009	0.178
7961	79.60	0.312	0.402	0.454	0.481	0.502	0.528	0.566	0.613	0.661	0.699
7971	79.70	0.719	0.714	0.679	0.612	0.518	0.405	0.288	0.182	0.102	0.055
7981	79.80	0.039	0.044	0.057	0.070	0.082	0.098	0.122	0.153	0.179	0.183
7991	79.90	0.148	0.072	-0.025	-0.109	-0.142	-0.100	0.013	0.162	0.295	0.361

Table 7-86-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	0.334	0.223	0.070	-0.072	-0.159	-0.180	-0.154	-0.122	-0.122	-0.174
8011	80.10	-0.265	-0.363	-0.431	-0.447	-0.416	-0.366	-0.332	-0.337	-0.384	-0.452
8021	80.20	-0.507	-0.523	-0.486	-0.406	-0.280	-0.143	0.000	0.147	0.292	0.424
8031	80.30	0.521	0.560	0.526	0.428	0.299	0.186	0.134	0.166	0.269	0.406
8041	80.40	0.521	0.579	0.567	0.505	0.427	0.368	0.339	0.328	0.303	0.237
8051	80.50	0.122	-0.020	-0.150	-0.225	-0.222	-0.151	-0.047	0.039	0.071	0.036
8061	80.60	-0.048	-0.143	-0.213	-0.238	-0.222	-0.191	-0.174	-0.190	-0.240	-0.307
8071	80.70	-0.365	-0.392	-0.381	-0.338	-0.276	-0.210	-0.149	-0.091	-0.033	0.025
8081	80.80	0.082	0.129	0.164	0.187	0.209	0.239	0.286	0.344	0.396	0.423
8091	80.90	0.412	0.368	0.314	0.285	0.307	0.388	0.503	0.609	0.660	0.631
8101	81.00	0.531	0.403	0.309	0.294	0.372	0.511	0.648	0.716	0.678	0.538
8111	81.10	0.347	0.171	0.068	0.052	0.096	0.142	0.135	0.052	-0.083	-0.215
8121	81.20	-0.279	-0.243	-0.120	0.028	0.118	0.083	-0.097	-0.387	-0.708	-0.969
8131	81.30	-1.103	-1.088	-0.950	-0.747	-0.543	-0.385	-0.291	-0.256	-0.262	-0.291
8141	81.40	-0.326	-0.358	-0.377	-0.374	-0.342	-0.281	-0.205	-0.138	-0.102	-0.110
8151	81.50	-0.151	-0.198	-0.214	-0.173	-0.074	0.059	0.185	0.268	0.292	0.269
8161	81.60	0.234	0.225	0.263	0.343	0.435	0.504	0.524	0.495	0.438	0.386
8171	81.70	0.361	0.361	0.366	0.345	0.276	0.164	0.033	-0.077	-0.139	-0.145
8181	81.80	-0.118	-0.096	-0.110	-0.173	-0.267	-0.353	-0.394	-0.369	-0.287	-0.183
8191	81.90	-0.101	-0.075	-0.114	-0.199	-0.298	-0.375	-0.412	-0.412	-0.392	-0.377
8201	82.00	-0.388	-0.430	-0.500	-0.587	-0.678	-0.760	-0.820	-0.846	-0.825	-0.749
8211	82.10	-0.621	-0.460	-0.296	-0.166	-0.095	-0.070	-0.132	-0.189	-0.223	-0.211
8221	82.20	-0.152	-0.068	0.012	0.062	0.071	0.050	0.022	0.011	0.027	0.063
8231	82.30	0.100	0.117	0.101	0.057	0.003	-0.036	-0.043	-0.011	0.054	0.137
8241	82.40	0.225	0.309	0.388	0.463	0.531	0.583	0.605	0.588	0.531	0.448
8251	82.50	0.365	0.309	0.300	0.339	0.406	0.472	0.505	0.488	0.424	0.335
8261	82.60	0.256	0.215	0.228	0.286	0.361	0.418	0.425	0.372	0.267	0.141
8271	82.70	0.032	-0.028	-0.027	0.026	0.103	0.171	0.205	0.196	0.154	0.097
8281	82.80	0.044	-0.002	-0.053	-0.130	-0.251	-0.411	-0.585	-0.725	-0.787	-0.744
8291	82.90	-0.608	-0.422	-0.248	-0.143	-0.130	-0.193	-0.283	-0.343	-0.337	-0.265
8301	83.00	-0.162	-0.080	-0.063	-0.120	-0.224	-0.324	-0.373	-0.348	-0.266	-0.169
8311	83.10	-0.105	-0.100	-0.144	-0.198	-0.212	-0.154	-0.026	0.136	0.279	0.359
8321	83.20	0.361	0.307	0.238	0.195	0.195	0.223	0.245	0.224	0.144	0.020
8331	83.30	-0.105	-0.182	-0.178	-0.086	0.070	0.248	0.409	0.527	0.599	0.637
8341	83.40	0.652	0.651	0.633	0.588	0.514	0.421	0.326	0.253	0.218	0.221
8351	83.50	0.251	0.286	0.304	0.292	0.249	0.181	0.100	0.013	-0.070	-0.146
8361	83.60	-0.208	-0.248	-0.263	-0.254	-0.233	-0.216	-0.222	-0.260	-0.324	-0.394
8371	83.70	-0.443	-0.450	-0.410	-0.336	-0.255	-0.195	-0.172	-0.183	-0.210	-0.228
8381	83.80	-0.219	-0.183	-0.135	-0.100	-0.097	-0.127	-0.173	-0.203	-0.188	-0.113
8391	83.90	0.015	0.169	0.311	0.410	0.449	0.431	0.374	0.302	0.233	0.177
8401	84.00	0.134	0.102	0.078	0.067	0.074	0.103	0.148	0.196	0.229	0.233
8411	84.10	0.203	0.149	0.088	0.040	0.016	0.014	0.020	0.015	-0.010	-0.057
8421	84.20	-0.112	-0.158	-0.182	-0.182	-0.169	-0.158	-0.160	-0.175	-0.188	-0.178
8431	84.30	-0.132	-0.050	0.051	0.144	0.206	0.229	0.226	0.222	0.239	0.282
8441	84.40	0.336	0.370	0.353	0.276	0.158	0.040	-0.030	-0.026	0.047	0.153
8451	84.50	0.237	0.258	0.205	0.100	-0.009	-0.078	-0.088	-0.058	-0.030	-0.050
8461	84.60	-0.138	-0.279	-0.423	-0.514	-0.516	-0.432	-0.302	-0.188	-0.137	-0.166
8471	84.70	-0.249	-0.334	-0.371	-0.335	-0.239	-0.126	-0.044	-0.023	-0.061	-0.126
8481	84.80	-0.175	-0.179	-0.138	-0.081	-0.049	-0.075	-0.165	-0.297	-0.425	-0.509
8491	84.90	-0.523	-0.468	-0.368	-0.254	-0.151	-0.072	-0.013	0.032	0.068	0.095

Table 7-86-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1278 S104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.105	0.097	0.074	0.049	0.035	0.038	0.053	0.062	0.043	-0.015
8511	85.10	-0.111	-0.222	-0.318	-0.368	-0.360	-0.297	-0.202	-0.103	-0.022	0.031
8521	85.20	0.063	0.089	0.125	0.180	0.250	0.324	0.385	0.419	0.415	0.373
8531	85.30	0.302	0.219	0.146	0.106	0.116	0.180	0.282	0.394	0.483	0.518
8541	85.40	0.489	0.409	0.310	0.230	0.196	0.213	0.261	0.301	0.301	0.243
8551	85.50	0.137	0.015	-0.087	-0.141	-0.145	-0.116	-0.084	-0.069	-0.075	-0.083
8561	85.60	-0.064	0.004	0.121	0.262	0.387	0.456	0.449	0.374	0.263	0.158
8571	85.70	0.092	0.076	0.096	0.124	0.135	0.114	0.064	0.000	-0.058	-0.099
8581	85.80	-0.121	-0.130	-0.134	-0.136	-0.138	-0.137	-0.135	-0.137	-0.152	-0.186
8591	85.90	-0.237	-0.291	-0.331	-0.345	-0.332	-0.307	-0.294	-0.314	-0.376	-0.471
8601	86.00	-0.572	-0.649	-0.679	-0.658	-0.595	-0.513	-0.432	-0.362	-0.302	-0.244
8611	86.10	-0.182	-0.112	-0.042	0.019	0.064	0.088	0.094	0.083	0.054	0.003
8621	86.20	-0.070	-0.155	-0.231	-0.269	-0.244	-0.150	-0.007	0.141	0.240	0.254
8631	86.30	0.176	0.038	-0.103	-0.188	-0.184	-0.097	0.033	0.150	0.209	0.195
8641	86.40	0.129	0.052	0.003	-0.001	0.029	0.064	0.073	0.042	-0.017	-0.073
8651	86.50	-0.098	-0.076	-0.020	0.040	0.071	0.055	-0.003	-0.079	-0.140	-0.167
8661	86.60	-0.158	-0.131	-0.103	-0.084	-0.065	-0.024	0.062	0.178	0.365	0.522
8671	86.70	0.627	0.651	0.596	0.490	0.378	0.300	0.276	0.303	0.361	0.426
8681	86.80	0.485	0.538	0.591	0.646	0.694	0.715	0.686	0.598	0.466	0.323
8691	86.90	0.209	0.155	0.166	0.218	0.271	0.288	0.252	0.174	0.085	0.020
8701	87.00	-0.000	0.022	0.062	0.088	0.079	0.033	-0.033	-0.094	-0.133	-0.149
8711	87.10	-0.160	-0.189	-0.249	-0.335	-0.424	-0.487	-0.505	-0.480	-0.437	-0.409
8721	87.20	-0.423	-0.484	-0.572	-0.651	-0.689	-0.671	-0.610	-0.534	-0.474	-0.446
8731	87.30	-0.444	-0.440	-0.407	-0.329	-0.215	-0.094	-0.006	0.024	-0.007	-0.076
8741	87.40	-0.144	-0.174	-0.150	-0.077	0.019	0.111	0.179	0.224	0.258	0.296
8751	87.50	0.347	0.404	0.449	0.463	0.433	0.361	0.263	0.159	0.068	-0.004
8761	87.60	-0.055	-0.087	-0.102	-0.096	-0.066	-0.017	0.040	0.085	0.099	0.077
8771	87.70	0.032	-0.009	-0.015	0.029	0.112	0.199	0.242	0.204	0.080	-0.097
8781	87.80	-0.269	-0.371	-0.367	-0.258	-0.089	0.080	0.193	0.230	0.206	0.166
8791	87.90	0.156	0.202	0.295	0.399	0.470	0.478	0.420	0.324	0.228	0.166
8801	88.00	0.148	0.157	0.165	0.145	0.087	0.003	-0.084	-0.149	-0.181	-0.181
8811	88.10	-0.162	-0.134	-0.099	-0.054	0.003	0.065	0.109	0.106	0.034	-0.104
8821	88.20	-0.276	-0.428	-0.508	-0.492	-0.396	-0.272	-0.187	-0.188	-0.282	-0.422
8831	88.30	-0.536	-0.558	-0.461	-0.274	-0.075	0.051	0.047	-0.086	-0.288	-0.465
8841	88.40	-0.536	-0.464	-0.279	-0.056	0.111	0.163	0.089	-0.063	-0.215	-0.294
8851	88.50	-0.267	-0.148	0.010	0.146	0.216	0.217	0.179	0.145	0.153	0.212
8861	88.60	0.301	0.382	0.419	0.401	0.342	0.278	0.251	0.287	0.388	0.526
8871	88.70	0.658	0.739	0.741	0.660	0.517	0.349	0.201	0.106	0.078	0.111
8881	88.80	0.175	0.236	0.260	0.228	0.144	0.031	-0.078	-0.154	-0.179	-0.160
8891	88.90	-0.118	-0.085	-0.083	-0.122	-0.192	-0.270	-0.333	-0.365	-0.365	-0.343
8901	89.00	-0.315	-0.291	-0.275	-0.265	-0.257	-0.252	-0.257	-0.282	-0.328	-0.385
8911	89.10	-0.429	-0.434	-0.381	-0.271	-0.129	0.005	0.091	0.104	0.050	-0.039
8921	89.20	-0.121	-0.156	-0.130	-0.055	0.036	0.105	0.129	0.108	0.067	0.036
8931	89.30	0.042	0.089	0.161	0.226	0.254	0.232	0.165	0.077	-0.002	-0.051
8941	89.40	-0.063	-0.051	-0.031	-0.022	-0.026	-0.035	-0.031	0.003	0.070	0.159
8951	89.50	0.244	0.294	0.287	0.215	0.090	-0.058	-0.192	-0.279	-0.299	-0.252
8961	89.60	-0.157	-0.043	0.056	0.111	0.107	0.048	-0.051	-0.161	-0.255	-0.312
8971	89.70	-0.322	-0.290	-0.233	-0.172	-0.121	-0.091	-0.076	-0.068	-0.055	-0.032
8981	89.80	-0.004	0.015	0.011	-0.028	-0.099	-0.190	-0.277	-0.335	-0.350	-0.318
8991	89.90	-0.251	-0.167	-0.088	-0.028	0.007	0.019	0.017	0.007	-0.001	-0.000

Table 7--86-19 TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1273 5104-GR-2-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -11.796 (GAL) T= 13.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.017	0.060	0.133	0.234	0.351	0.463	0.565	0.578	0.557	0.698
9011	90.10	0.431	0.389	0.396	0.456	0.551	0.651	0.721	0.744	0.716	0.654
9021	90.20	0.579	0.508	0.446	0.388	0.323	0.251	0.180	0.127	0.111	0.136
9031	90.30	0.190	0.245	0.271	0.247	0.171	0.063	-0.042	-0.119	-0.153	-0.153
9041	90.40	-0.145	-0.155	-0.200	-0.278	-0.371	-0.454	-0.507	-0.525	-0.516	-0.498
9051	90.50	-0.489	-0.497	-0.520	-0.547	-0.564	-0.562	-0.537	-0.488	-0.418	-0.331
9061	90.60	-0.233	-0.132	-0.039	0.032	0.070	0.069	0.034	-0.023	-0.056	-0.140
9071	90.70	-0.178	-0.198	-0.203	-0.195	-0.173	-0.132	-0.070	0.009	0.095	0.170
9081	90.80	0.216	0.225	0.199	0.151	0.099	0.057	0.031	0.017	0.008	-0.001
9091	90.90	-0.011	-0.017	-0.014	-0.001	0.017	0.027	0.019	-0.007	-0.044	-0.074
9101	91.00	-0.081	-0.058	-0.010	0.045	0.090	0.110	0.109	0.097	0.092	0.104
9111	91.10	0.130	0.156	0.162	0.137	0.085	0.023	-0.022	-0.029	0.008	0.073
9121	91.20	0.141	0.182	0.179	0.132	0.057	-0.023	-0.088	-0.129	-0.148	-0.155
9131	91.30	-0.161	-0.171	-0.185	-0.199	-0.212	-0.221	-0.229	-0.234	-0.235	-0.226
9141	91.40	-0.202	-0.165	-0.125	-0.099	-0.099	-0.131	-0.185	-0.239	-0.264	-0.242
9151	91.50	-0.170	-0.063	0.049	0.135	0.178	0.177	0.148	0.113	0.094	0.097
9161	91.60	0.117	0.142	0.159	0.165	0.167	0.175	0.195	0.223	0.247	0.252
9171	91.70	0.228	0.177	0.112	0.053	0.015	-0.000	-0.004	-0.016	-0.052	-0.118
9181	91.80	-0.200	-0.273	-0.310	-0.294	-0.225	-0.124	-0.019	0.063	0.106	0.112
9191	91.90	0.095	0.074	0.065	0.075	0.102	0.140	0.180	0.218	0.250	0.272
9201	92.00	0.279	0.266	0.229	0.173	0.109	0.054	0.026	0.030	0.064	0.110
9211	92.10	0.151	0.176	0.188	0.203	0.238	0.307	0.402	0.498	0.562	0.563
9221	92.20	0.489	0.357	0.202	0.067	-0.020	-0.053	-0.054	-0.061	-0.106	-0.204
9231	92.30	-0.339	-0.476	-0.574	-0.604	-0.563	-0.470	-0.361	-0.269	-0.213	-0.189
9241	92.40	-0.180	-0.165	-0.129	-0.075						

Table 7-87-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.874	-1.823	-1.384	-0.626	0.277	1.079	1.530	1.454	0.816	-0.250
11	0.10	-1.467	-2.485	-2.993	-2.814	-1.973	-0.694	0.674	1.764	2.319	2.261
21	0.20	1.709	0.916	0.172	-0.308	-0.447	-0.318	-0.094	0.034	-0.058	-0.379
31	0.30	-0.824	-1.219	-1.388	-1.226	-0.739	-0.044	0.668	1.198	1.404	1.253
41	0.40	0.834	0.323	-0.072	-0.189	0.032	0.536	1.177	1.776	2.194	2.362
51	0.50	2.283	1.989	1.491	0.760	-0.254	-1.553	-3.012	-4.353	-5.191	-5.160
61	0.60	-4.084	-2.098	0.331	2.532	3.859	3.941	2.843	1.055	-0.691	-1.713
71	0.70	-1.653	-0.618	0.874	2.125	2.556	1.948	0.516	-1.194	-2.554	-3.114
81	0.80	-2.763	-1.739	-0.483	0.562	1.132	1.205	0.946	0.580	0.259	0.004
91	0.90	-0.263	-0.623	-1.068	-1.463	-1.594	-1.280	-0.482	0.636	1.746	2.475
101	1.00	2.541	1.876	0.648	-0.799	-2.070	-2.854	-3.011	-2.584	-1.754	-0.744
111	1.10	0.260	1.151	1.897	2.506	2.973	3.260	3.292	2.995	2.339	1.371
121	1.20	0.227	-0.893	-1.775	-2.249	-2.237	-1.781	-1.033	-0.212	0.454	0.794
131	1.30	0.741	0.346	-0.241	-0.824	-1.227	-1.349	-1.195	-0.867	-0.521	-0.301
141	1.40	-0.285	-0.442	-0.672	-0.790	-0.657	-0.216	0.462	1.188	1.707	1.780
151	1.50	1.279	0.237	-1.142	-2.527	-3.562	-3.957	-3.579	-2.480	-0.878	0.911
161	1.60	2.560	3.805	4.492	4.587	4.151	3.303	2.191	0.970	-0.203	-1.174
171	1.70	-1.810	-2.012	-1.750	-1.081	-0.147	0.850	1.697	2.230	2.378	2.175
181	1.80	1.750	1.269	0.882	0.667	0.610	0.612	0.542	0.291	-0.164	-0.736
191	1.90	-1.246	-1.480	-1.269	-0.574	0.472	1.583	2.390	2.563	1.937	0.585
201	2.00	-1.173	-2.855	-3.959	-4.132	-3.286	-1.637	0.359	2.148	3.250	3.408
211	2.10	2.651	1.263	-0.321	-1.668	-2.481	-2.668	-2.343	-1.749	-1.154	-0.751
221	2.20	-0.604	-0.650	-0.750	-0.771	-0.642	-0.391	-0.122	0.037	0.003	-0.227
231	2.30	-0.562	-0.861	-0.996	-0.907	-0.634	-0.294	-0.027	0.069	-0.014	-0.192
241	2.40	-0.340	-0.352	-0.208	0.015	0.175	0.142	-0.127	-0.551	-0.937	-1.068
251	2.50	-0.788	-0.091	0.870	1.829	2.501	2.694	2.371	1.658	0.789	0.015
261	2.60	-0.472	-0.594	-0.387	0.037	0.533	0.970	1.254	1.339	1.225	0.956
271	2.70	0.608	0.281	0.064	0.012	0.114	0.296	0.444	0.453	0.277	-0.053
281	2.80	-0.438	-0.769	-0.985	-1.110	-1.247	-1.519	-1.993	-2.619	-3.228	-3.586
291	2.90	-3.497	-2.888	-1.864	-0.671	0.384	1.054	1.231	0.980	0.490	-0.006
301	3.00	-0.322	-0.376	-0.194	0.122	0.448	0.684	0.775	0.717	0.540	0.302
311	3.10	0.075	-0.070	-0.077	0.065	0.314	0.581	0.760	0.785	0.669	0.520
321	3.20	0.496	0.734	1.261	1.952	2.553	2.765	2.374	1.352	-0.110	-1.652
331	3.30	-2.873	-3.471	-3.337	-2.583	-1.473	-0.323	0.610	1.192	1.412	1.348
341	3.40	1.108	0.792	0.479	0.225	0.078	0.069	0.199	0.433	0.697	0.914
351	3.50	1.036	1.068	1.067	1.106	1.220	1.372	1.458	1.357	1.001	0.434
361	3.60	-0.185	-0.638	-0.743	-0.445	0.144	0.783	1.197	1.201	0.777	0.090
371	3.70	-0.591	-1.004	-1.009	-0.647	-0.121	0.290	0.337	-0.106	-0.999	-2.163
381	3.80	-3.337	-4.263	-4.749	-4.705	-4.146	-3.175	-1.951	-0.656	0.529	1.453
391	3.90	2.017	2.187	1.998	1.551	0.989	0.470	0.127	0.038	0.201	0.527
401	4.00	0.862	1.025	0.870	0.345	-0.470	-1.373	-2.082	-2.333	-1.976	-1.037
411	4.10	0.270	1.609	2.632	3.096	2.940	2.299	1.435	0.634	0.103	-0.091
421	4.20	-0.016	0.184	0.364	0.442	0.418	0.351	0.313	0.341	0.422	0.507
431	4.30	0.539	0.490	0.370	0.220	0.086	-0.007	-0.069	-0.138	-0.260	-0.469
441	4.40	-0.764	-1.102	-1.410	-1.598	-1.586	-1.328	-0.833	-0.176	0.514	1.083
451	4.50	1.398	1.397	1.119	0.697	0.321	0.163	0.307	0.707	1.199	1.558
461	4.60	1.598	1.257	0.595	-0.136	-0.666	-0.771	-0.377	0.406	1.300	1.957
471	4.70	2.070	1.484	0.253	-1.367	-2.991	-4.222	-4.764	-4.512	-3.569	-2.210
481	4.80	-0.783	0.401	1.151	1.435	1.353	1.069	0.728	0.408	0.107	-0.211
491	4.90	-0.559	-0.891	-1.094	-1.044	-0.670	-0.010	0.781	1.485	1.901	1.934

Table 7-87-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	1.623	1.121	0.616	0.244	0.037	-0.076	-0.211	-0.455	-0.805	-1.168
511	5.10	-1.403	-1.393	-1.103	-0.595	0.003	0.549	0.941	1.135	1.128	0.932
521	5.20	0.547	-0.025	-0.748	-1.524	-2.186	-2.538	-2.437	-1.861	-0.948	0.035
531	5.30	0.785	1.081	0.867	0.278	-0.419	-0.938	-1.083	-0.827	-0.306	0.250
541	5.40	0.611	0.669	0.377	-0.059	-0.443	-0.572	-0.329	0.269	1.074	1.845
551	5.50	2.319	2.294	1.702	0.645	-0.616	-1.729	-2.353	-2.278	-1.494	-0.213
561	5.60	1.207	2.376	3.005	2.999	2.467	1.665	0.879	0.317	0.049	0.007
571	5.70	0.054	0.061	-0.029	-0.181	-0.306	-0.314	-0.164	0.117	0.449	0.743
581	5.80	0.936	1.016	1.015	0.983	0.965	0.978	1.004	1.000	0.903	0.649
591	5.90	0.187	-0.499	-1.368	-2.311	-3.156	-3.708	-3.806	-3.386	-2.519	-1.402
601	6.00	-0.300	0.542	0.981	1.017	0.769	0.411	0.079	-0.181	-0.414	-0.704
611	6.10	-1.093	-1.525	-1.848	-1.879	-1.504	-0.763	0.134	0.873	1.170	0.905
621	6.20	0.202	-0.606	-1.101	-0.967	-0.137	1.145	2.408	3.135	2.982	1.927
631	6.30	0.301	-1.330	-2.387	-2.501	-1.658	-0.198	1.327	2.375	2.616	2.047
641	6.40	0.957	-0.210	-1.051	-1.352	-1.143	-0.640	-0.114	0.241	0.383	0.412
651	6.50	0.484	0.712	1.099	1.532	1.846	1.903	1.655	1.154	0.515	-0.144
661	6.60	-0.746	-1.254	-1.646	-1.878	-1.873	-1.549	-0.882	0.046	1.041	1.855
671	6.70	2.280	2.240	1.831	1.274	0.804	0.554	0.481	0.396	0.065	-0.641
681	6.80	-1.647	-2.666	-3.305	-3.234	-2.341	-0.808	0.939	2.388	3.121	2.966
691	6.90	2.038	0.676	-0.694	-1.707	-2.163	-2.054	-1.525	-0.801	-0.110	0.373
701	7.00	0.554	0.428	0.078	-0.353	-0.690	-0.788	-0.592	-0.170	0.290	0.546
711	7.10	0.407	-0.167	-1.017	-1.824	-2.226	-1.969	-1.029	0.359	1.771	2.755
721	7.20	2.997	2.428	1.243	-0.201	-1.516	-2.426	-2.825	-2.774	-2.426	-1.938
731	7.30	-1.417	-0.908	-0.421	0.031	0.409	0.661	0.743	0.646	0.398	0.049
741	7.40	-0.359	-0.801	-1.254	-1.673	-1.961	-1.978	-1.584	-0.718	0.548	1.987
751	7.50	3.273	4.082	4.215	3.676	2.665	1.509	0.528	-0.081	-0.298	-0.257
761	7.60	-0.158	-0.158	-0.298	-0.491	-0.583	-0.436	-0.009	0.622	1.287	1.795
771	7.70	2.005	1.872	1.444	0.834	0.164	-0.459	-0.964	-1.301	-1.433	-1.338
781	7.80	-1.022	-0.541	-0.008	0.426	0.617	0.490	0.070	-0.508	-1.043	-1.345
791	7.90	-1.301	-0.925	-0.341	0.261	0.706	0.893	0.825	0.586	0.291	0.036
801	8.00	-0.141	-0.259	-0.364	-0.488	-0.632	-0.755	-0.805	-0.743	-0.567	-0.307
811	8.10	-0.005	0.304	0.610	0.917	1.216	1.471	1.611	1.561	1.287	0.833
821	8.20	0.327	-0.053	-0.157	0.067	0.530	1.021	1.283	1.125	0.504	-0.443
831	8.30	-1.451	-2.224	-2.555	-2.395	-1.866	-1.190	-0.592	-0.218	-0.089	-0.124
841	8.40	-0.203	-0.226	-0.153	0.002	0.203	0.424	0.659	0.903	1.120	1.230
851	8.50	1.123	0.718	0.028	-0.805	-1.529	-1.861	-1.600	-0.722	0.590	1.995
861	8.60	3.104	3.614	3.407	2.571	1.350	0.049	-1.066	-1.835	-2.211	-2.233
871	8.70	-1.980	-1.535	-0.979	-0.386	0.166	0.607	0.892	1.024	1.055	1.062
881	8.80	1.105	1.181	1.208	1.056	0.599	-0.213	-1.310	-2.502	-3.531	-4.154
891	8.90	-4.221	-3.723	-2.784	-1.618	-0.454	0.526	1.224	1.630	1.793	1.788
901	9.00	1.674	1.484	1.216	0.859	0.412	-0.089	-0.562	-0.888	-0.942	-0.643
911	9.10	0.001	0.866	1.728	2.317	2.407	1.889	0.826	-0.562	-1.968	-3.091
921	9.20	-3.737	-3.858	-3.548	-2.975	-2.303	-1.634	-0.985	-0.320	0.399	1.169
931	9.30	1.930	2.582	3.019	3.168	3.002	2.539	1.831	0.953	0.009	-0.866
941	9.40	-1.516	-1.797	-1.630	-1.058	-0.253	0.518	0.989	1.004	0.594	-0.029
951	9.50	-0.551	-0.707	-0.405	0.214	0.829	1.084	0.757	-0.118	-1.242	-2.158
961	9.60	-2.440	-1.868	-0.521	1.244	2.937	4.102	4.474	4.036	2.986	1.628
971	9.70	0.268	-0.873	-1.674	-2.092	-2.125	-1.795	-1.157	-0.320	0.543	1.221
981	9.80	1.527	1.368	0.794	-0.013	-0.794	-1.310	-1.421	-1.131	-0.562	0.107
991	9.90	0.719	1.190	1.517	1.740	1.891	1.964	1.908	1.667	1.225	0.642

Table 7-87-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -60.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.062	-0.431	-0.673	-0.671	-0.516	-0.363	-0.368	-0.618	-1.097	-1.698
1011	10.10	-2.270	-2.689	-2.902	-2.940	-2.884	-2.811	-2.752	-2.679	-2.526	-2.247
1021	10.20	-1.855	-1.438	-1.122	-1.005	-1.094	-1.275	-1.341	-1.077	-0.367	0.738
1031	10.30	2.003	3.090	3.680	3.603	2.912	1.867	0.829	0.119	-0.107	0.090
1041	10.40	0.478	0.778	0.792	0.497	0.048	-0.302	-0.327	0.064	0.794	1.649
1051	10.50	2.388	2.842	2.974	2.870	2.667	2.456	2.228	1.870	1.235	0.231
1061	10.60	-1.106	-2.596	-3.961	-4.930	-5.323	-5.115	-4.428	-3.474	-2.477	-1.609
1071	10.70	-0.960	-0.546	-0.339	-0.290	-0.341	-0.417	-0.426	-0.259	0.171	0.894
1081	10.80	1.849	2.879	3.770	4.310	4.364	3.910	3.050	1.973	0.894	-0.003
1091	10.90	-0.605	-0.878	-0.851	-0.590	-0.176	0.316	0.818	1.279	1.657	1.915
1101	11.00	2.015	1.903	1.503	0.732	-0.470	-2.082	-3.963	-5.829	-7.299	-7.979
1111	11.10	-7.598	-6.109	-3.742	-0.960	1.665	3.619	4.588	4.528	3.642	2.272
1121	11.20	0.770	-0.609	-1.736	-2.590	-3.181	-3.504	-3.512	-3.153	-2.422	-1.400
1131	11.30	-0.251	0.823	1.653	2.155	2.346	2.307	2.129	1.859	1.494	1.016
1141	11.40	0.440	-0.148	-0.597	-0.752	-0.522	0.064	0.859	1.657	2.290	2.698
1151	11.50	2.953	3.204	3.578	4.085	4.583	4.821	4.552	3.658	2.235	0.586
1161	11.60	-0.871	-1.755	-1.856	-1.208	-0.073	1.169	2.110	2.521	2.328	1.652
1171	11.70	0.737	-0.132	-0.716	-0.876	-0.601	-0.005	0.705	1.283	1.506	1.246
1181	11.80	0.517	-0.516	-1.564	-2.302	-2.467	-1.949	-0.841	0.583	1.945	2.872
1191	11.90	3.111	2.602	1.487	0.062	-1.308	-2.301	-2.724	-2.562	-1.972	-1.221
1201	12.00	-0.595	-0.293	-0.354	-0.640	-0.889	-0.820	-0.268	0.731	1.928	2.935
1211	12.10	3.383	3.074	2.076	0.701	-0.619	-1.526	-1.895	-1.903	-1.947	-2.470
1221	12.20	-3.739	-5.709	-8.004	-10.041	-11.248	-11.258	-10.030	-7.822	-5.070	-2.221
1231	12.30	0.391	2.587	4.294	5.464	6.005	5.786	4.697	2.747	0.125	-2.800
1241	12.40	-5.549	-7.652	-8.761	-8.717	-7.563	-5.515	-2.908	-0.150	2.330	4.144
1251	12.50	5.022	4.905	4.000	2.773	1.827	1.710	2.691	4.620	6.932	8.830
1261	12.60	9.578	8.799	6.654	3.801	1.156	-0.462	-0.656	0.391	1.994	3.232
1271	12.70	3.319	1.904	-0.794	-4.068	-6.977	-8.655	-8.585	-6.726	-3.501	0.356
1281	12.80	3.994	6.652	7.807	7.258	5.151	1.929	-1.758	-5.195	-7.758	-9.054
1291	12.90	-9.002	-7.818	-5.911	-3.726	-1.582	0.407	2.311	4.266	6.311	8.272
1301	13.00	9.738	10.166	9.080	6.271	1.934	-3.330	-8.645	-13.079	-15.879	-16.635
1311	13.10	-15.348	-12.379	-8.330	-3.899	0.243	3.555	5.675	6.467	6.029	4.695
1321	13.20	2.975	1.469	0.721	1.081	2.601	5.014	7.800	10.341	12.082	12.672
1331	13.30	12.023	10.284	7.761	4.827	1.858	-0.778	-2.719	-3.613	-3.184	-1.333
1341	13.40	1.742	5.483	9.030	11.414	11.833	9.936	5.978	0.787	-4.471	-8.655
1351	13.50	-10.992	-11.290	-9.919	-7.597	-5.074	-2.850	-1.050	0.503	2.077	3.785
1361	13.60	5.443	6.600	6.724	5.461	2.838	-0.692	-4.380	-7.440	-9.305	-9.793
1371	13.70	-9.095	-7.624	-5.803	-3.882	-1.899	0.251	2.642	5.171	7.489	9.079
1381	13.80	9.422	8.202	5.458	1.608	-2.647	-6.520	-9.347	-10.751	-10.701	-9.479
1391	13.90	-7.556	-5.450	-3.591	-2.243	-1.486	-1.246	-1.355	-1.619	-1.672	-2.000
1401	14.00	-1.953	-1.726	-1.348	-0.856	-0.295	0.294	0.875	1.421	1.912	2.337
1411	14.10	2.684	2.926	3.099	2.858	2.404	1.622	0.577	-0.568	-1.578	-2.217
1421	14.20	-2.337	-1.948	-1.218	-0.408	0.240	0.614	0.776	0.916	1.230	1.784
1431	14.30	2.434	2.868	2.746	1.894	0.434	-1.214	-2.488	-2.932	-2.426	-1.265
1441	14.40	-0.057	0.552	0.184	-1.071	-2.660	-3.797	-3.805	-2.427	0.049	2.901
1451	14.50	5.260	6.460	6.280	4.981	3.153	1.445	0.322	-0.056	0.197	0.832
1461	14.60	1.614	2.409	3.172	3.877	4.447	4.738	4.591	3.903	2.674	0.982
1471	14.70	-1.084	-3.496	-6.300	-9.534	-13.107	-16.698	-19.767	-21.705	-22.070	-20.798
1481	14.80	-18.272	-15.185	-12.237	-9.809	-7.746	-5.507	-2.265	2.478	8.665	15.471
1491	14.90	21.711	26.079	27.735	26.590	23.317	19.054	14.949	11.738	9.541	7.930

Table 7-87-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	6.238	3.917	0.817	-2.742	-6.108	-8.551	-9.514	-8.771	-6.438	-2.891
1511	15.10	1.354	5.741	9.709	12.716	14.256	13.928	11.536	7.176	1.285	-5.416
1521	15.20	-12.057	-17.796	-21.996	-24.319	-24.744	-23.495	-20.926	-17.407	-13.244	-8.669
1531	15.30	-3.761	1.305	6.385	11.222	15.443	18.600	20.258	20.114	18.116	14.518
1541	15.40	9.852	4.797	-0.011	-4.146	-7.490	-10.188	-12.495	-14.560	-16.272	-17.219
1551	15.50	-16.812	-14.516	-10.099	-3.780	3.774	11.629	18.837	24.686	28.814	31.190
1561	15.60	31.948	31.204	28.922	24.904	18.914	10.871	1.034	-9.901	-20.842	-30.450
1571	15.70	-37.384	-40.553	-39.331	-33.688	-24.219	-12.073	1.231	14.042	24.856	32.560
1581	15.80	36.597	36.991	34.253	29.187	22.669	15.481	8.243	1.438	-4.505	-9.153
1591	15.90	-12.080	-12.968	-11.749	-8.725	-4.579	-0.253	3.289	5.314	5.518	4.070
1601	16.00	1.505	-1.490	-4.308	-6.573	-8.168	-9.150	-9.613	-9.584	-9.021	-7.897
1611	16.10	-6.349	-4.780	-3.855	-4.343	-6.861	-11.582	-18.043	-25.146	-31.365	-35.126
1621	16.20	-35.243	-31.275	-23.678	-13.711	-3.119	6.309	13.160	16.690	16.894	14.379
1631	16.30	10.100	5.058	0.083	-4.264	-7.650	-9.860	-10.697	-9.952	-7.476	-3.327
1641	16.40	2.098	8.016	13.362	17.025	18.164	16.497	12.433	6.997	1.558	-2.575
1651	16.50	-4.532	-4.117	-1.808	1.474	4.740	7.296	8.967	10.075	11.197	12.804
1661	16.60	14.938	17.069	18.226	17.347	13.726	7.372	-0.862	-9.460	-16.663	-20.996
1671	16.70	-21.682	-18.833	-13.340	-6.538	0.218	5.897	9.964	12.342	13.251	13.005
1681	16.80	11.891	10.132	7.936	5.538	3.191	1.083	-0.758	-2.517	-4.528	-7.090
1691	16.90	-10.251	-13.643	-16.491	-17.817	-16.781	-13.025	-6.876	0.686	8.303	14.632
1701	17.00	18.713	20.171	19.188	16.290	12.083	7.048	1.500	-4.322	-10.103	-15.365
1711	17.10	-19.510	-21.996	-22.553	-21.326	-18.854	-15.882	-13.076	-10.781	-8.935	-7.174
1721	17.20	-5.084	-2.463	0.533	3.426	5.624	6.698	6.575	5.577	4.262	3.170
1731	17.30	2.582	2.411	2.286	1.764	0.594	-1.114	-2.875	-3.982	-3.766	-1.839
1741	17.40	1.747	6.503	11.636	16.266	19.663	21.408	21.475	20.192	18.112	15.826
1751	17.50	13.769	12.072	10.522	8.650	5.944	2.116	-2.680	-7.765	-12.070	-14.453
1761	17.60	-14.099	-10.863	-5.394	1.010	6.795	10.631	11.829	10.506	7.478	3.907
1771	17.70	0.868	-0.998	-1.642	-1.518	-1.339	-1.781	-3.254	-5.806	-9.157	-12.813
1781	17.80	-16.198	-18.758	-20.027	-19.678	-17.576	-13.837	-8.869	-3.362	1.794	5.665
1791	17.90	7.479	6.808	3.698	-1.305	-7.238	-12.892	-17.044	-18.710	-17.366	-13.090
1801	18.00	-6.579	0.979	8.175	13.725	16.795	17.206	15.442	12.449	9.307	6.885
1811	18.10	5.612	5.437	5.975	6.744	7.392	7.799	8.037	8.234	8.432	8.516
1821	18.20	8.263	7.453	5.992	3.956	1.541	-1.031	-3.598	-6.058	-8.286	-10.027
1831	18.30	-10.862	-10.295	-7.983	-3.982	1.098	6.159	9.920	11.349	10.062	6.488
1841	18.40	1.727	-2.871	-6.211	-7.841	-8.052	-7.649	-7.517	-8.175	-9.537	-10.952
1851	18.50	-11.519	-10.490	-7.609	-3.214	1.895	6.761	10.593	12.974	13.908	13.710
1861	18.60	12.834	11.712	10.671	9.906	9.492	9.391	9.651	9.411	8.950	7.771
1871	18.70	5.722	2.870	-0.498	-3.946	-7.147	-9.813	-11.955	-13.719	-15.263	-16.612
1881	18.80	-17.593	-17.892	-17.215	-15.468	-12.866	-9.898	-7.172	-5.194	-4.194	-4.081
1891	18.90	-4.526	-5.141	-5.644	-5.941	-6.087	-6.157	-6.124	-5.801	-4.889	-3.119
1901	19.00	-0.389	3.140	7.075	10.889	14.080	16.289	17.349	17.267	16.170	14.246
1911	19.10	11.736	8.933	6.185	3.863	2.278	1.583	1.707	2.359	3.119	3.583
1921	19.20	3.496	2.822	1.718	0.429	-0.842	-2.023	-3.177	-4.431	-5.863	-7.413
1931	19.30	-8.858	-9.877	-10.156	-9.513	-7.960	-5.708	-3.101	-0.518	1.721	3.409
1941	19.40	4.473	4.949	4.947	4.609	4.076	3.470	2.880	2.363	1.947	1.630
1951	19.50	1.385	1.156	0.855	0.365	-0.439	-1.647	-3.259	-5.147	-7.045	-8.602
1961	19.60	-9.479	-9.461	-8.541	-6.918	-4.913	-2.832	-0.834	1.130	3.254	5.728
1971	19.70	8.557	11.439	13.785	14.884	14.163	11.441	7.065	1.860	-3.091	-6.766
1981	19.80	-8.508	-8.205	-6.290	-3.575	-0.993	0.673	0.985	-0.075	-2.146	-4.623
1991	19.90	-6.843	-8.261	-8.590	-7.862	-6.404	-4.718	-3.320	-2.550	-2.462	-2.805

Table 7-87-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-3.131	-2.986	-2.111	-0.576	1.232	2.751	3.469	3.142	1.905	0.234
2011	20.10	-1.233	-1.923	-1.533	-0.115	1.982	4.253	6.230	7.607	5.293	8.366
2021	20.20	7.990	7.324	6.489	5.565	4.626	3.773	3.127	2.811	2.900	3.403
2031	20.30	4.250	5.315	6.442	7.462	8.198	8.459	8.055	6.829	4.727	1.862
2041	20.40	-1.445	-4.694	-7.308	-8.784	-8.856	-7.594	-5.402	-2.911	-0.777	0.519
2051	20.50	0.825	0.348	-0.441	-1.006	-0.960	-0.219	0.960	2.081	2.607	2.173
2061	20.60	0.740	-1.381	-3.639	-5.440	-6.349	-6.236	-5.279	-3.873	-2.459	-1.362
2071	20.70	-0.699	-0.382	-0.206	0.040	0.474	1.083	1.745	2.284	2.530	2.363
2081	20.80	1.722	0.606	-0.916	-2.709	-4.560	-6.212	-7.415	-8.014	-8.020	-7.633
2091	20.90	-7.185	-7.013	-7.311	-8.021	-8.832	-9.287	-8.974	-7.716	-5.680	-3.346
2101	21.00	-1.340	-0.202	-0.171	-1.087	-2.439	-3.551	-3.819	-2.925	-0.939	1.707
2111	21.10	4.368	6.388	7.291	6.908	5.401	3.205	0.900	-0.943	-1.906	-1.815
2121	21.20	-0.763	0.939	2.867	4.624	5.946	6.771	7.211	7.477	7.758	8.130
2131	21.30	8.524	8.762	8.652	8.086	7.102	5.879	4.667	3.701	3.128	2.983
2141	21.40	3.225	3.790	4.633	5.726	7.014	8.355	9.495	10.095	9.830	8.502
2151	21.50	6.136	2.995	-0.490	-3.857	-6.749	-9.009	-10.670	-11.869	-12.728	-13.245
2161	21.60	-13.275	-12.588	-10.987	-8.439	-5.144	-1.529	1.856	4.472	5.944	6.146
2171	21.70	5.229	3.567	1.654	-0.014	-1.055	-1.279	-0.714	0.420	1.778	2.999
2181	21.80	3.809	4.091	3.906	3.441	2.918	2.489	2.167	1.832	1.305	0.455
2191	21.90	-0.694	-1.936	-2.929	-3.323	-2.901	-1.682	0.069	1.920	3.415	4.221
2201	22.00	4.215	3.493	2.305	0.948	-0.324	-1.357	-2.095	-2.562	-2.823	-2.967
2211	22.10	-3.097	-3.313	-3.688	-4.223	-4.826	-5.310	-5.449	-5.076	-4.171	-2.912
2221	22.20	-1.660	-0.748	-0.533	-1.077	-2.207	-3.561	-4.729	-5.401	-5.466	-4.999
2231	22.30	-4.201	-3.257	-2.263	-1.208	-0.034	1.273	2.618	3.799	4.574	4.761
2241	22.40	4.311	3.315	1.955	0.413	-1.187	-2.782	-4.312	-5.654	-6.596	-6.882
2251	22.50	-6.326	-4.939	-2.986	-0.937	0.687	1.517	1.475	0.810	-0.025	-0.572
2261	22.60	-0.568	-0.037	0.750	1.432	1.751	1.673	1.386	1.195	1.349	1.917
2271	22.70	2.754	3.572	4.076	4.078	3.558	2.629	1.467	0.237	-0.938	-1.957
2281	22.80	-2.709	-3.069	-2.936	-2.304	-1.315	-0.248	0.578	0.935	0.812	0.435
2291	22.90	0.178	0.380	1.170	2.380	3.600	4.359	4.341	3.538	2.244	0.921
2301	23.00	-0.019	-0.396	-0.318	-0.084	-0.014	-0.267	-0.784	-1.344	-1.724	-1.844
2311	23.10	-1.827	-1.921	-2.339	-3.092	-3.934	-4.436	-4.188	-3.002	-1.037	1.236
2321	23.20	3.207	4.358	4.447	3.570	2.079	0.421	-1.021	-2.011	-2.463	-2.366
2331	23.30	-1.737	-0.610	0.914	2.612	4.129	5.065	5.118	4.247	2.734	1.128
2341	23.40	0.048	-0.049	0.939	2.726	4.752	6.420	7.325	7.396	6.874	6.164
2351	23.50	5.632	5.443	5.513	5.580	5.346	4.621	3.397	1.837	0.199	-1.262
2361	23.60	-2.353	-2.972	-3.091	-2.731	-1.954	-0.866	0.390	1.628	2.683	3.448
2371	23.70	3.901	4.100	4.120	3.982	3.617	2.882	1.649	-0.090	-2.137	-4.108
2381	23.80	-5.541	-6.071	-5.599	-4.366	-2.884	-1.763	-1.477	-2.192	-3.703	-5.537
2391	23.90	-7.137	-8.078	-8.197	-7.609	-6.611	-5.531	-4.602	-3.912	-3.433	-3.097
2401	24.00	-2.863	-2.730	-2.690	-2.675	-2.524	-2.032	-1.045	0.420	2.116	3.613
2411	24.10	4.446	4.311	3.218	1.524	-0.193	-1.353	-1.622	-1.053	-0.062	0.751
2421	24.20	0.869	0.082	-1.420	-3.136	-4.468	-4.974	-4.536	-3.377	-1.933	-0.635
2431	24.30	0.261	0.759	1.057	1.399	1.916	2.547	3.063	3.195	2.772	1.824
2441	24.40	0.572	-0.656	-1.557	-1.958	-1.852	-1.353	-0.620	0.214	1.069	1.888
2451	24.50	2.597	3.078	3.196	2.862	2.106	1.103	0.136	-0.504	-0.628	-0.235
2461	24.60	0.498	1.288	1.870	2.104	2.017	1.773	1.581	1.594	1.848	2.250
2471	24.70	2.631	2.802	2.619	2.008	0.968	-0.432	-2.054	-3.694	-5.094	-5.984
2481	24.80	-6.155	-5.542	-4.276	-2.677	-1.162	-0.122	0.217	-0.149	-1.022	-2.113
2491	24.90	-3.175	-4.098	-4.921	-5.754	-6.659	-7.553	-8.198	-8.280	-7.551	-5.956

Table 7-87-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-3.687	-1.133	1.251	3.095	4.211	4.609	4.427	3.838	2.972	1.904
2511	25.10	0.703	-0.509	-1.535	-2.140	-2.145	-1.526	-0.453	0.751	1.739	2.282
2521	25.20	2.371	2.210	2.111	2.333	2.953	3.823	4.645	5.127	5.135	4.769
2531	25.30	4.322	4.144	4.462	5.264	6.279	7.087	7.289	6.669	5.280	3.414
2541	25.40	1.485	-0.123	-1.179	-1.646	-1.648	-1.382	-1.028	-0.699	-0.427	-0.200
2551	25.50	0.006	0.198	0.364	0.487	0.557	0.567	0.508	0.357	0.080	-0.345
2561	25.60	-0.898	-1.502	-2.027	-2.326	-2.291	-1.900	-1.234	-0.454	0.259	0.765
2571	25.70	1.011	1.039	0.950	0.858	0.844	0.931	1.102	1.324	1.583	1.892
2581	25.80	2.283	2.773	3.338	3.896	4.324	4.483	4.272	3.656	2.691	1.514
2591	25.90	0.315	-0.710	-1.409	-1.716	-1.670	-1.410	-1.122	-0.979	-1.065	-1.331
2601	26.00	-1.602	-1.640	-1.240	-0.342	0.913	2.204	3.125	3.334	2.689	1.313
2611	26.10	-0.444	-2.127	-3.348	-3.921	-3.906	-3.552	-3.161	-2.939	-2.908	-2.907
2621	26.20	-2.694	-2.076	-1.025	0.293	1.576	2.509	2.888	2.690	2.064	1.249
2631	26.30	0.467	-0.161	-0.633	-1.019	-1.389	-1.738	-1.976	-1.960	-1.576	-0.814
2641	26.40	0.199	1.217	1.957	2.191	1.825	0.933	-0.270	-1.494	-2.463	-2.987
2651	26.50	-3.003	-2.581	-1.888	-1.142	-0.554	-0.279	-0.383	-0.834	-1.512	-2.238
2661	26.60	-2.824	-3.123	-3.068	-2.697	-2.141	-1.582	-1.203	-1.124	-1.365	-1.838
2671	26.70	-2.373	-2.780	-2.908	-2.695	-2.191	-1.534	-0.904	-0.458	-0.284	-0.370
2681	26.80	-0.627	-0.923	-1.138	-1.207	-1.138	-0.995	-0.864	-0.812	-0.854	-0.946
2691	26.90	-0.996	-0.901	-0.579	0.003	0.811	1.746	2.668	3.417	3.855	3.894
2701	27.00	3.524	2.808	1.874	0.867	-0.084	-0.909	-1.596	-2.170	-2.668	-2.998
2711	27.10	-3.128	-2.914	-2.264	-1.192	0.142	1.449	2.394	2.710	2.306	1.310
2721	27.20	0.029	-1.157	-1.931	-2.145	-1.852	-1.251	-0.589	-0.056	0.278	0.451
2731	27.30	0.551	0.641	0.717	0.715	0.555	0.203	-0.300	-0.847	-1.316	-1.622
2741	27.40	-1.748	-1.729	-1.611	-1.404	-1.068	-0.543	0.197	1.096	2.014	2.771
2751	27.50	3.238	3.403	3.393	3.420	3.676	4.223	4.945	5.578	5.825	5.490
2761	27.60	4.573	3.281	1.947	0.890	0.291	0.131	0.230	0.340	0.271	-0.035
2771	27.70	-0.493	-0.939	-1.216	-1.251	-1.080	-0.821	-0.615	-0.572	-0.744	-1.126
2781	27.80	-1.685	-2.375	-3.146	-3.932	-4.642	-5.166	-5.405	-5.311	-4.918	-4.343
2791	27.90	-3.752	-3.300	-3.075	-3.073	-3.207	-3.350	-3.389	-3.260	-2.947	-2.462
2801	28.00	-1.811	-0.976	0.073	1.342	2.775	4.228	5.488	6.327	6.570	6.166
2811	28.10	5.219	3.967	2.724	1.792	1.374	1.525	2.139	2.993	3.818	4.383
2821	28.20	4.554	4.323	3.781	3.067	2.305	1.559	0.831	0.097	-0.638	-1.291
2831	28.30	-1.696	-1.651	-0.997	0.294	2.075	4.045	5.831	7.109	7.699	7.612
2841	28.40	7.016	6.147	5.209	4.305	3.430	2.527	1.561	0.582	-0.268	-0.806
2851	28.50	-0.890	-0.492	0.270	1.166	1.926	2.340	2.322	1.931	1.339	0.766
2861	28.60	0.406	0.366	0.641	1.113	1.589	1.846	1.693	1.026	-0.128	-1.604
2871	28.70	-3.130	-4.404	-5.189	-5.392	-5.108	-4.588	-4.148	-4.044	-4.372	-5.021
2881	28.80	-5.713	-6.108	-5.937	-5.102	-3.722	-2.082	-0.535	0.614	1.200	1.227
2891	28.90	0.837	0.241	-0.362	-0.846	-1.176	-1.392	-1.573	-1.794	-2.090	-2.444
2901	29.00	-2.796	-3.056	-3.137	-2.982	-2.582	-1.986	-1.294	-0.631	-0.119	0.152
2911	29.10	0.139	-0.144	-0.642	-1.273	-1.943	-2.561	-3.046	-3.327	-3.356	-3.120
2921	29.20	-2.649	-2.026	-1.375	-0.843	-0.561	-0.611	-1.002	-1.666	-2.472	-3.254
2931	29.30	-3.856	-4.154	-4.088	-3.667	-2.969	-2.116	-1.257	-0.529	-0.032	0.191
2941	29.40	0.158	-0.072	-0.420	-0.827	-1.261	-1.725	-2.231	-2.777	-3.314	-3.753
2951	29.50	-3.976	-3.876	-3.392	-2.541	-1.415	-0.159	1.062	2.105	2.875	3.332
2961	29.60	3.492	3.406	3.150	2.805	2.446	2.138	1.930	1.846	1.892	2.056
2971	29.70	2.312	2.628	2.964	3.277	3.520	3.651	3.647	3.512	3.297	3.084
2981	29.80	2.976	3.058	3.367	3.868	4.462	5.007	5.365	5.443	5.220	4.761
2991	29.90	4.193	3.670	3.335	3.278	3.508	3.946	4.436	4.784	4.816	4.440

Table 7-87-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	3.689	2.739	1.865	1.354	1.403	2.031	3.049	4.110	4.822	4.887
3011	30.10	4.206	2.919	1.342	-0.148	-1.252	-1.850	-2.016	-1.969	-1.973	-2.232
3021	30.20	-2.835	-3.749	-4.848	-5.971	-6.954	-7.655	-7.958	-7.786	-7.123	-6.039
3031	30.30	-4.708	-3.375	-2.289	-1.617	-1.367	-1.378	-1.371	-1.074	-0.339	0.778
3041	30.40	2.024	3.042	3.511	3.268	2.367	1.044	-0.378	-1.612	-2.486	-2.965
3051	30.50	-3.113	-3.028	-2.787	-2.429	-1.971	-1.441	-0.889	-0.378	0.052	0.403
3061	30.60	0.726	1.076	1.464	1.820	2.005	1.868	1.332	0.460	-0.535	-1.359
3071	30.70	-1.743	-1.558	-0.872	0.077	0.970	1.535	1.635	1.295	0.669	-0.141
3081	30.80	-0.970	-1.809	-2.676	-3.569	-4.402	-5.000	-5.152	-4.704	-3.650	-2.169
3091	30.90	-0.590	0.708	1.412	1.379	0.664	-0.511	-1.836	-3.011	-3.811	-4.126
3101	31.00	-3.953	-3.369	-2.503	-1.501	-0.502	0.386	1.107	1.666	2.112	2.508
3111	31.10	2.883	3.190	3.304	3.062	2.333	1.101	-0.485	-2.133	-3.492	-4.267
3121	31.20	-4.332	-3.779	-2.873	-1.950	-1.273	-0.931	-0.818	-0.693	-0.312	0.452
3131	31.30	1.533	2.695	3.622	4.052	3.884	3.218	2.313	1.485	0.993	0.964
3141	31.40	1.372	2.081	2.910	3.702	4.347	4.784	4.975	4.866	4.491	3.799
3151	31.50	2.877	1.867	0.960	0.363	0.143	0.377	0.955	1.714	2.476	3.107
3161	31.60	3.542	3.777	3.841	3.762	3.549	3.209	2.762	2.265	1.798	1.435
3171	31.70	1.205	1.064	0.911	0.634	0.172	-0.430	-1.032	-1.443	-1.512	-1.201
3181	31.80	-0.620	0.010	0.448	0.531	0.254	-0.238	-0.702	-0.912	-0.746	-0.241
3191	31.90	0.431	1.034	1.360	1.298	0.863	0.176	-0.588	-1.251	-1.677	-1.795
3201	32.00	-1.603	-1.171	-0.629	-0.148	0.100	-0.012	-0.517	-1.334	-2.285	-3.158
3211	32.10	-3.786	-4.114	-4.206	-4.211	-4.274	-4.457	-4.699	-4.849	-4.749	-4.331
3221	32.20	-3.673	-2.983	-2.513	-2.441	-2.786	-3.389	-3.983	-4.309	-4.225	-3.758
3231	32.30	-3.075	-2.389	-1.854	-1.502	-1.251	-0.969	-0.565	-0.052	0.457	0.799
3241	32.40	0.845	0.559	0.017	-0.636	-1.245	-1.706	-1.982	-2.083	-2.025	-1.799
3251	32.50	-1.374	-0.729	0.101	1.005	1.806	2.321	2.432	2.135	1.558	0.909
3261	32.60	0.414	0.228	0.396	0.842	1.409	1.919	2.233	2.288	2.110	1.799
3271	32.70	1.497	1.364	1.437	1.804	2.385	3.051	3.641	4.011	4.085	3.879
3281	32.80	3.489	3.051	2.676	2.409	2.212	1.998	1.689	1.268	0.809	0.452
3291	32.90	0.351	0.598	1.181	1.984	2.834	3.565	4.088	4.405	4.594	4.747
3301	33.90	4.912	5.056	5.062	4.778	4.076	2.915	1.370	-0.364	-2.021	-3.327
3311	33.10	-4.072	-4.175	-3.716	-2.918	-2.094	-1.554	-1.505	-1.973	-2.791	-3.654
3321	33.20	-4.222	-4.261	-3.735	-2.827	-1.878	-1.254	-1.199	-1.737	-2.666	-3.638
3331	33.30	-4.298	-4.423	-3.999	-3.212	-2.365	-1.750	-1.546	-1.765	-2.261	-2.802
3341	33.40	-3.149	-3.125	-2.656	-1.771	-0.589	0.713	1.928	2.853	3.326	3.264
3351	33.50	2.693	1.750	0.652	-0.365	-1.121	-1.542	-1.680	-1.674	-1.686	-1.823
3361	33.60	-2.089	-2.392	-2.581	-2.525	-2.166	-1.550	-0.801	-0.073	0.516	0.922
3371	33.70	1.184	1.391	1.633	1.961	2.363	2.780	3.134	3.368	3.462	3.443
3381	33.80	3.355	3.243	3.126	3.001	2.848	2.655	2.431	2.204	2.013	1.883
3391	33.90	1.814	1.781	1.746	1.683	1.590	1.493	1.421	1.383	1.351	1.255
3401	34.00	1.018	0.590	-0.011	-0.693	-1.317	-1.753	-1.931	-1.872	-1.676	-1.468
3411	34.10	-1.335	-1.279	-1.217	-1.034	-0.652	-0.091	0.522	1.006	1.213	1.108
3421	34.20	0.796	0.486	0.386	0.593	1.031	1.466	1.605	1.231	0.315	-0.954
3431	34.30	-2.235	-3.164	-3.501	-3.213	-2.469	-1.555	-0.743	-0.193	0.093	0.231
3441	34.40	0.366	0.594	0.909	1.221	1.409	1.387	1.136	0.700	0.144	-0.484
3451	34.50	-1.176	-1.944	-2.783	-3.635	-4.378	-4.861	-4.949	-4.586	-3.817	-2.775
3461	34.60	-1.642	-0.587	0.266	0.847	1.165	1.170	0.955	0.553	0.055	-0.420
3471	34.70	-0.738	-0.797	-0.569	-0.132	0.352	0.685	0.713	0.385	-0.217	-0.909
3481	34.80	-1.473	-1.728	-1.594	-1.101	-0.363	0.471	1.260	1.902	2.332	2.513
3491	34.90	2.432	2.100	1.572	0.949	0.367	-0.039	-0.188	-0.088	0.154	0.373

Table 7-87-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.412	0.189	-0.266	-0.823	-1.313	-1.602	-1.649	-1.516	-1.333	-1.221
3511	35.10	-1.233	-1.323	-1.373	-1.248	-0.868	-0.245	0.522	1.290	1.936	2.403
3521	35.20	2.708	2.917	3.094	3.263	3.397	3.440	3.351	3.133	2.850	2.594
3531	35.30	2.446	2.430	2.494	2.532	2.424	2.086	1.502	0.731	-0.124	-0.949
3541	35.40	-1.657	-2.200	-2.563	-2.751	-2.771	-2.633	-2.353	-1.970	-1.553	-1.189
3551	35.50	-0.968	-0.959	-1.184	-1.617	-2.190	-2.801	-3.341	-3.701	-3.795	-3.572
3561	35.60	-3.035	-2.253	-1.364	-0.549	0.010	0.180	-0.071	-0.660	-1.411	-2.105
3571	35.70	-2.556	-2.662	-2.425	-1.929	-1.284	-0.573	0.177	0.991	1.903	2.913
3581	35.80	3.952	4.891	5.582	5.911	5.843	5.433	4.803	4.089	3.398	2.734
3591	35.90	2.257	1.810	1.456	1.239	1.220	1.441	1.897	2.516	3.175	3.742
3601	36.00	4.109	4.227	4.104	3.780	3.301	2.693	1.964	1.127	0.219	-0.687
3611	36.10	-1.490	-2.094	-2.449	-2.565	-2.515	-2.401	-2.315	-2.303	-2.353	-2.409
3621	36.20	-2.402	-2.283	-2.042	-1.708	-1.329	-0.953	-0.610	-0.307	-0.034	0.226
3631	36.30	0.492	0.775	1.076	1.380	1.662	1.794	1.747	1.419	0.770	-0.166
3641	36.40	-1.270	-2.355	-3.222	-3.717	-3.786	-3.494	-2.996	-2.484	-2.112	-1.958
3651	36.50	-1.999	-2.147	-2.287	-2.331	-2.242	-2.033	-1.752	-1.452	-1.173	-0.939
3661	36.60	-0.759	-0.635	-0.562	-0.532	-0.531	-0.555	-0.613	-0.743	-1.002	-1.441
3671	36.70	-2.068	-2.817	-3.544	-4.063	-4.213	-3.923	-3.257	-2.399	-1.583	-1.005
3681	36.80	-0.741	-0.722	-0.779	-0.726	-0.461	-0.009	0.485	0.828	0.879	0.613
3691	36.90	0.127	-0.404	-0.818	-1.032	-1.069	-1.016	-0.965	-0.941	-0.893	-0.716
3701	37.00	-0.323	0.300	1.070	1.842	2.473	2.889	3.109	3.222	3.324	3.454
3711	37.10	3.569	3.568	3.355	2.907	2.303	1.699	1.254	1.055	1.068	1.155
3721	37.20	1.142	0.906	0.443	-0.130	-0.624	-0.868	-0.792	-0.448	0.011	0.412
3731	37.30	0.641	0.687	0.639	0.633	0.783	1.124	1.600	2.099	2.495	2.707
3741	37.40	2.716	2.555	2.280	1.936	1.538	1.078	0.545	-0.047	-0.645	-1.166
3751	37.50	-1.512	-1.608	-1.421	-0.975	-0.346	0.352	0.994	1.473	1.722	1.729
3761	37.60	1.537	1.232	0.921	0.698	0.618	0.682	0.839	1.009	1.107	1.074
3771	37.70	0.893	0.590	0.220	-0.153	-0.469	-0.688	-0.792	-0.780	-0.669	-0.485
3781	37.80	-0.266	-0.047	0.147	0.310	0.460	0.634	0.866	1.165	1.499	1.789
3791	37.90	1.931	1.825	1.419	0.732	-0.144	-1.063	-1.865	-2.423	-2.666	-2.597
3801	38.00	-2.272	-1.784	-1.227	-0.683	-0.205	0.178	0.460	0.652	0.772	0.838
3811	38.10	0.865	0.852	0.784	0.636	0.383	0.017	-0.440	-0.937	-1.401	-1.759
3821	38.20	-1.958	-1.980	-1.844	-1.595	-1.288	-0.970	-0.673	-0.417	-0.213	-0.071
3831	38.30	0.003	0.011	-0.028	-0.080	-0.100	-0.049	0.089	0.301	0.549	0.786
3841	38.40	0.975	1.102	1.176	1.212	1.213	1.157	1.000	0.697	0.228	-0.376
3851	38.50	-1.035	-1.635	-2.071	-2.281	-2.269	-2.103	-1.879	-1.685	-1.563	-1.497
3861	38.60	-1.436	-1.326	-1.150	-0.946	-0.799	-0.802	-1.010	-1.403	-1.886	-2.309
3871	38.70	-2.526	-2.441	-2.049	-1.430	-0.718	-0.053	0.472	0.829	1.052	1.206
3881	38.80	1.347	1.495	1.629	1.709	1.704	1.626	1.526	1.481	1.554	1.756
3891	38.90	2.032	2.269	2.336	2.132	1.629	0.889	0.044	-0.743	-1.330	-1.637
3901	39.00	-1.660	-1.457	-1.124	-0.755	-0.415	-0.136	0.078	0.235	0.340	0.385
3911	39.10	0.355	0.237	0.028	-0.255	-0.578	-0.892	-1.146	-1.297	-1.321	-1.219
3921	39.20	-1.021	-0.779	-0.562	-0.432	-0.433	-0.576	-0.830	-1.160	-1.434	-1.651
3931	39.30	-1.753	-1.731	-1.599	-1.382	-1.106	-0.790	-0.448	-0.100	0.227	0.501
3941	39.40	0.690	0.777	0.769	0.693	0.593	0.510	0.475	0.503	0.592	0.726
3951	39.50	0.875	0.991	1.006	0.837	0.414	-0.293	-1.228	-2.241	-3.107	-3.586
3961	39.60	-3.506	-2.837	-1.722	-0.440	0.680	1.375	1.543	1.273	0.800	0.405
3971	39.70	0.295	0.527	0.996	1.494	1.815	1.862	1.596	1.217	0.890	0.760
3981	39.80	0.878	1.189	1.569	1.889	2.069	2.101	2.036	1.948	1.900	1.926
3991	39.90	2.032	2.209	2.438	2.693	2.931	3.084	3.072	2.827	2.337	1.662

Table 7-87-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.933	0.312	-0.063	-0.134	0.056	0.384	0.697	0.880	0.892	0.772
4011	40.10	0.611	0.491	0.455	0.484	0.519	0.498	0.386	0.195	-0.035	-0.260
4021	40.20	-0.455	-0.622	-0.782	-0.947	-1.113	-1.255	-1.344	-1.372	-1.362	-1.359
4031	40.30	-1.408	-1.527	-1.693	-1.850	-1.938	-1.924	-1.819	-1.667	-1.522	-1.411
4041	40.40	-1.321	-1.212	-1.050	-0.845	-0.669	-0.631	-0.833	-1.302	-1.959	-2.628
4051	40.50	-3.090	-3.169	-2.802	-2.069	-1.169	-0.336	0.239	0.477	0.427	0.225
4061	40.60	0.025	-0.061	-0.007	0.140	0.294	0.382	0.377	0.300	0.202	0.130
4071	40.70	0.102	0.102	0.097	0.060	-0.008	-0.078	-0.105	-0.051	0.094	0.309
4081	40.80	0.552	0.779	0.962	1.096	1.195	1.277	1.350	1.406	1.429	1.400
4091	40.90	1.310	1.165	0.980	0.771	0.552	0.336	0.140	-0.006	-0.062	0.010
4101	41.00	0.221	0.535	0.859	1.062	1.015	0.639	-0.051	-0.931	-1.799	-2.431
4111	41.10	-2.656	-2.413	-1.772	-0.911	-0.052	0.606	0.953	0.985	0.792	0.513
4121	41.20	0.283	0.194	0.275	0.505	0.822	1.154	1.429	1.582	1.565	1.354
4131	41.30	0.956	0.423	-0.151	-0.652	-0.972	-1.046	-0.873	-0.518	-0.090	0.300
4141	41.40	0.574	0.709	0.731	0.697	0.660	0.649	0.663	0.684	0.698	0.709
4151	41.50	0.741	0.823	0.968	1.156	1.333	1.427	1.369	1.128	0.720	0.209
4161	41.60	-0.311	-0.744	-1.015	-1.100	-1.020	-0.842	-0.653	-0.534	-0.533	-0.648
4171	41.70	-0.829	-0.994	-1.066	-1.004	-0.831	-0.625	-0.496	-0.537	-0.780	-1.178
4181	41.80	-1.613	-1.966	-2.068	-1.945	-1.621	-1.197	-0.775	-0.416	-0.119	0.162
4191	41.90	0.467	0.796	1.081	1.216	1.104	0.719	0.130	-0.508	-1.020	-1.278
4201	42.00	-1.264	-1.073	-0.868	-0.809	-0.975	-1.328	-1.737	-2.031	-2.082	-1.854
4211	42.10	-1.414	-0.898	-0.451	-0.168	-0.071	-0.107	-0.190	-0.240	-0.209	-0.096
4221	42.20	0.070	0.242	0.372	0.421	0.359	0.170	-0.142	-0.542	-0.962	-1.313
4231	42.30	-1.504	-1.474	-1.216	-0.781	-0.267	0.224	0.615	0.881	1.051	1.187
4241	42.40	1.353	1.593	1.913	2.289	2.685	3.060	3.385	3.630	3.767	3.760
4251	42.50	3.577	3.202	2.653	1.988	1.292	0.659	0.161	-0.177	-0.376	-0.492
4261	42.60	-0.590	-0.709	-0.854	-0.993	-1.078	-1.070	-0.962	-0.784	-0.592	-0.447
4271	42.70	-0.387	-0.417	-0.511	-0.627	-0.729	-0.809	-0.891	-1.014	-1.213	-1.488
4281	42.80	-1.792	-2.035	-2.116	-1.958	-1.544	-0.935	-0.253	0.355	0.771	0.946
4291	42.90	0.918	0.797	0.721	0.797	1.065	1.474	1.907	2.218	2.291	2.071
4301	43.00	1.584	0.917	0.190	-0.490	-1.047	-1.449	-1.702	-1.828	-1.857	-1.810
4311	43.10	-1.707	-1.570	-1.423	-1.292	-1.192	-1.125	-1.068	-0.985	-0.837	-0.600
4321	43.20	-0.280	0.089	0.458	0.775	1.012	1.168	1.273	1.362	1.463	1.581
4331	43.30	1.690	1.751	1.732	1.625	1.453	1.260	1.093	0.971	0.878	0.770
4341	43.40	0.600	0.346	0.039	-0.244	-0.407	-0.377	-0.145	0.223	0.609	0.886
4351	43.50	0.980	0.904	0.753	0.666	0.758	1.065	1.519	1.969	2.241	2.210
4361	43.60	1.844	1.221	0.492	-0.175	-0.654	-0.890	-0.897	-0.734	-0.465	-0.141
4371	43.70	0.199	0.519	0.769	0.882	0.794	0.471	-0.073	-0.767	-1.511	-2.207
4381	43.80	-2.791	-3.241	-3.568	-3.789	-3.905	-3.898	-3.748	-3.463	-3.097	-2.738
4391	43.90	-2.480	-2.370	-2.378	-2.403	-2.314	-2.017	-1.515	-0.915	-0.392	-0.106
4401	44.00	-0.121	-0.367	-0.662	-0.799	-0.640	-0.200	0.362	0.799	0.900	0.589
4411	44.10	-0.030	-0.708	-1.157	-1.172	-0.718	0.065	0.920	1.590	1.914	1.881
4421	44.20	1.604	1.251	0.960	0.791	0.719	0.680	0.629	0.573	0.568	0.681
4431	44.30	0.936	1.291	1.644	1.880	1.925	1.784	1.534	1.285	1.129	1.096
4441	44.40	1.155	1.239	1.297	1.326	1.376	1.514	1.789	2.185	2.630	3.019
4451	44.50	3.267	3.362	3.271	3.118	2.940	2.750	2.516	2.188	1.742	1.214
4461	44.60	0.690	0.280	0.050	-0.014	-0.013	-0.098	-0.398	-0.959	-1.711	-2.494
4471	44.70	-3.122	-3.450	-3.432	-3.123	-2.653	-2.163	-1.759	-1.486	-1.332	-1.252
4481	44.80	-1.191	-1.097	-0.927	-0.651	-0.259	0.217	0.691	1.027	1.076	0.736
4491	44.90	0.007	-0.984	-2.006	-2.810	-3.218	-3.203	-2.896	-2.523	-2.304	-2.342

Table 7-87-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-2.581	-2.832	-2.866	-2.542	-1.860	-0.985	-0.163	0.392	0.593	0.504
4511	45.10	0.300	0.166	0.208	0.403	0.629	0.743	0.666	0.430	0.159	-0.001
4521	45.20	0.036	0.247	0.518	0.708	0.738	0.639	0.547	0.626	0.981	1.582
4531	45.30	2.267	2.798	2.974	2.717	2.113	1.374	0.742	0.391	0.360	0.552
4541	45.40	0.797	0.935	0.889	0.689	0.436	0.247	0.190	0.261	0.388	0.483
4551	45.50	0.482	0.377	0.211	0.056	-0.025	0.004	0.139	0.352	0.605	0.856
4561	45.60	1.060	1.181	1.182	1.041	0.772	0.427	0.093	-0.134	-0.189	-0.064
4571	45.70	0.181	0.446	0.628	0.670	0.580	0.427	0.303	0.274	0.345	0.459
4581	45.80	0.518	0.434	0.163	-0.275	-0.811	-1.355	-1.836	-2.217	-2.489	-2.660
4591	45.90	-2.731	-2.696	-2.552	-2.322	-2.063	-1.860	-1.787	-1.871	-2.068	-2.265
4601	46.00	-2.326	-2.158	-1.761	-1.243	-0.785	-0.562	-0.657	-1.017	-1.457	-1.733
4611	46.10	-1.643	-1.116	-0.257	0.698	1.465	1.829	1.725	1.252	0.629	0.090
4621	46.20	-0.207	-0.235	-0.098	0.040	0.031	-0.185	-0.561	-0.971	-1.267	-1.341
4631	46.30	-1.157	-0.744	-0.170	0.493	1.192	1.885	2.520	3.023	3.297	3.250
4641	46.40	2.834	2.069	1.050	-0.086	-1.194	-2.167	-2.938	-3.464	-3.700	-3.584
4651	46.50	-3.053	-2.092	-0.790	0.640	1.893	2.667	2.780	2.263	1.371	0.499
4661	46.60	0.035	0.197	0.946	1.996	2.937	3.414	3.274	2.632	1.807	1.193
4671	46.70	1.087	1.586	2.568	3.767	4.883	5.683	6.037	5.902	5.266	4.122
4681	46.80	2.478	0.408	-1.890	-4.089	-5.791	-6.650	-6.494	-5.409	-3.713	-1.851
4691	46.90	-0.238	0.877	1.467	1.682	1.744	1.824	1.977	2.142	2.201	2.061
4701	47.00	1.698	1.147	0.466	-0.323	-1.231	-2.276	-3.407	-4.464	-5.184	-5.280
4711	47.10	-4.570	-3.079	-1.076	0.989	2.629	3.480	3.425	2.608	1.364	0.076
4721	47.20	-0.954	-1.585	-1.833	-1.804	-1.614	-1.326	-0.942	-0.441	0.179	0.861
4731	47.30	1.493	1.942	2.089	1.864	1.251	0.278	-0.998	-2.491	-4.069	-5.540
4741	47.40	-6.654	-7.140	-6.781	-5.496	-3.403	-0.827	1.756	3.839	5.017	5.107
4751	47.50	4.192	2.601	0.806	-0.721	-1.637	-1.822	-1.391	-0.634	0.108	0.562
4761	47.60	0.632	0.418	0.173	0.185	0.650	1.573	2.752	3.836	4.463	4.391
4771	47.70	3.603	2.310	0.875	-0.323	-1.025	-1.167	-0.878	-0.388	0.083	0.428
4781	47.80	0.685	0.994	1.497	2.237	3.094	3.801	4.028	3.510	2.158	0.129
4791	47.90	-2.200	-4.321	-5.739	-6.114	-5.363	-3.685	-1.510	0.623	2.213	2.925
4801	48.00	2.670	1.597	0.020	-1.698	-3.257	-4.495	-5.383	-5.975	-6.318	-6.390
4811	48.10	-6.083	-5.252	-3.803	-1.779	0.598	2.958	4.885	6.033	6.233	5.536
4821	48.20	4.179	2.496	0.814	-0.631	-1.722	-2.449	-2.859	-3.011	-2.953	-2.717
4831	48.30	-2.331	-1.830	-1.253	-0.626	0.047	0.787	1.607	2.485	3.332	3.994
4841	48.40	4.272	4.083	3.327	2.124	0.700	-0.650	-1.655	-2.142	-2.091	-1.617
4851	48.50	-0.919	-0.203	0.398	0.855	1.236	1.655	2.204	2.894	3.623	4.196
4861	48.60	4.375	3.959	2.860	1.148	-0.939	-3.045	-4.772	-5.774	-5.847	-4.967
4871	48.70	-3.292	-1.111	1.226	3.387	5.117	6.266	6.780	6.685	6.062	5.028
4881	48.80	3.726	2.322	0.988	-0.120	-0.897	-1.307	-1.397	-1.271	-1.060	-0.869
4891	48.90	-0.753	-0.713	-0.719	-0.745	-0.802	-0.941	-1.232	-1.717	-2.382	-3.143
4901	49.00	-3.876	-4.467	-4.865	-5.103	-5.275	-5.470	-5.704	-5.870	-5.752	-5.100
4911	49.10	-3.746	-1.711	0.746	3.164	5.006	5.821	5.394	3.823	1.489	-1.060
4921	49.20	-3.275	-4.762	-5.360	-5.145	-4.344	-3.227	-2.005	-0.779	0.443	1.692
4931	49.30	2.973	4.224	5.317	6.100	6.455	6.348	5.847	5.095	4.272	3.532
4941	49.40	2.975	2.625	2.449	2.380	2.342	2.264	2.086	1.762	1.262	0.593
4951	49.50	-0.185	-0.940	-1.483	-1.607	-1.147	-0.051	1.570	3.443	5.178	6.365
4961	49.60	6.677	5.962	4.274	1.854	-0.936	-3.711	-6.129	-7.946	-9.019	-9.293
4971	49.70	-8.793	-7.617	-5.945	-4.038	-2.212	-0.773	0.070	0.273	-0.009	-0.474
4981	49.80	-0.787	-0.716	-0.246	0.403	0.852	0.726	-0.178	-1.773	-3.684	-5.361
4991	49.90	-6.277	-6.112	-4.871	-2.874	-0.642	1.285	2.522	2.939	2.666	2.014

Table 7-87-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	1.347	0.963	1.009	1.453	2.112	2.715	2.978	2.697	1.815	0.462
5011	50.10	-1.059	-2.342	-3.002	-2.810	-1.794	-0.256	1.318	2.425	2.740	2.239
5021	50.20	1.213	0.147	-0.491	-0.447	0.212	1.133	1.842	1.965	1.395	0.338
5031	50.30	-0.789	-1.553	-1.698	-1.249	-0.480	0.230	0.587	0.509	0.145	-0.218
5041	50.40	-0.323	-0.064	0.456	0.996	1.306	1.255	0.891	0.411	0.050	-0.032
5051	50.50	0.178	0.566	0.973	1.286	1.500	1.698	1.973	2.337	2.680	2.796
5061	50.60	2.486	1.674	0.472	-0.836	-1.902	-2.458	-2.426	-1.943	-1.288	-0.738
5071	50.70	-0.448	-0.387	-0.380	-0.232	0.146	0.660	1.063	1.058	0.452	-0.744
5081	50.80	-2.296	-3.837	-4.998	-5.549	-5.454	-4.838	-3.892	-2.760	-1.480	-0.002
5091	50.90	1.735	3.707	5.751	7.505	8.907	9.504	9.347	8.602	7.565	6.550
5101	51.00	5.774	5.299	5.037	4.814	4.451	3.830	2.915	1.740	0.379	-1.072
5111	51.10	-2.504	-3.785	-4.766	-5.297	-5.292	-4.761	-3.837	-2.755	-1.779	-1.127
5121	51.20	-0.900	-1.068	-1.507	-2.069	-2.645	-3.192	-3.718	-4.230	-4.688	-4.991
5131	51.30	-5.009	-4.645	-3.896	-2.871	-1.762	-0.781	-0.081	0.286	0.369	0.270
5141	51.40	0.088	-0.129	-0.382	-0.699	-1.094	-1.538	-1.958	-2.268	-2.395	-2.300
5151	51.50	-1.978	-1.437	-0.691	0.233	1.271	2.290	3.091	3.449	3.192	2.281
5161	51.60	0.857	-0.776	-2.247	-3.236	-3.581	-3.329	-2.688	-1.941	-1.328	-0.985
5171	51.70	-0.927	-1.101	-1.443	-1.916	-2.494	-3.118	-3.661	-3.924	-3.706	-2.898
5181	51.80	-1.567	0.033	1.536	2.605	3.067	2.995	2.660	2.410	2.493	2.938
5191	51.90	3.547	3.993	3.988	3.443	2.525	1.593	1.043	1.129	1.842	2.906
5201	52.00	3.884	4.346	4.022	2.888	1.150	-0.844	-2.719	-4.168	-5.002	-5.153
5211	52.10	-4.650	-3.599	-2.162	-0.547	1.019	2.325	3.228	3.682	3.744	3.533
5221	52.20	3.173	2.732	2.207	1.551	0.733	-0.188	-1.040	-1.568	-1.522	-0.761
5231	52.30	0.661	2.481	4.291	5.648	6.213	5.847	4.646	2.899	0.994	-0.688
5241	52.40	-1.873	-2.438	-2.415	-1.948	-1.228	-0.432	0.321	0.986	1.577	2.132
5251	52.50	2.672	3.175	3.571	3.764	3.672	3.263	2.565	1.660	0.649	-0.386
5261	52.60	-1.403	-2.380	-3.293	-4.071	-4.592	-4.714	-4.345	-3.508	-2.385	-1.286
5271	52.70	-0.555	-0.440	-0.985	-1.988	-3.059	-3.756	-3.753	-2.957	-1.547	0.104
5281	52.80	1.565	2.506	2.799	2.533	1.946	1.312	0.843	0.625	0.636	0.786
5291	52.90	0.983	1.163	1.290	1.334	1.246	0.962	0.427	-0.355	-1.294	-2.214
5301	53.00	-2.904	-3.182	-2.970	-2.329	-1.437	-0.534	0.156	0.499	0.471	0.155
5311	53.10	-0.319	-0.826	-1.293	-1.716	-2.143	-2.640	-3.247	-3.950	-4.672	-5.284
5321	53.20	-5.638	-5.611	-5.144	-4.267	-3.106	-1.859	-0.746	0.053	0.454	0.500
5331	53.30	0.348	0.219	0.321	0.770	1.548	2.504	3.404	4.014	4.181	3.877
5341	53.40	3.202	2.331	1.450	0.687	0.083	-0.392	-0.795	-1.151	-1.420	-1.500
5351	53.50	-1.269	-0.649	0.335	1.537	2.709	3.570	3.881	3.518	2.504	1.001
5361	53.60	-0.742	-2.447	-3.871	-4.839	-5.259	-5.115	-4.454	-3.370	-1.996	-0.489
5371	53.70	0.981	2.262	3.242	3.867	4.151	4.149	3.930	3.545	3.013	2.323
5381	53.80	1.472	0.492	-0.526	-1.439	-2.094	-2.372	-2.237	-1.750	-1.042	-0.264
5391	53.90	0.468	1.109	1.684	2.251	2.850	3.463	4.006	4.355	4.403	4.106
5401	54.00	3.507	2.715	1.864	1.060	0.348	-0.285	-0.872	-1.421	-1.886	-2.168
5411	54.10	-2.159	-1.801	-1.129	-0.286	0.515	1.063	1.225	0.984	0.443	-0.225
5421	54.20	-0.853	-1.338	-1.666	-1.891	-2.082	-2.266	-2.395	-2.364	-2.061	-1.433
5431	54.30	-0.537	0.461	1.326	1.836	1.860	1.404	0.608	-0.302	-1.096	-1.606
5441	54.40	-1.766	-1.608	-1.225	-0.722	-0.183	0.345	0.833	1.256	1.584	1.784
5451	54.50	1.852	1.826	1.795	1.866	2.112	2.531	3.014	3.373	3.402	2.958
5461	54.60	2.030	0.751	-0.636	-1.864	-2.736	-3.182	-3.270	-3.153	-2.996	-2.859
5471	54.70	-2.868	-2.830	-2.693	-2.401	-1.978	-1.515	-1.136	-0.932	-0.929	-1.070
5481	54.80	-1.255	-1.376	-1.369	-1.224	-0.974	-0.663	-0.316	0.078	0.548	1.118
5491	54.90	1.773	2.446	3.025	3.380	3.398	3.019	2.245	1.145	-0.163	-1.530

Table 7-87-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-2.805	-3.853	-4.578	-4.937	-4.935	-4.617	-4.041	-3.256	-2.287	-1.140
5511	55.10	0.170	1.587	2.992	4.211	5.052	5.368	5.111	4.353	3.267	2.068
5521	55.20	0.936	-0.027	-0.804	-1.420	-1.884	-2.140	-2.072	-1.556	-0.542	0.875
5531	55.30	2.440	3.799	4.605	4.650	3.941	2.703	1.301	0.115	-0.590	-0.727
5541	55.40	-0.387	0.237	0.944	1.606	2.196	2.762	3.363	4.006	4.621	5.073
5551	55.50	5.210	4.924	4.195	3.103	1.802	0.478	-0.695	-1.595	-2.159	-2.387
5561	55.60	-2.328	-2.064	-1.700	-1.353	-1.143	-1.178	-1.541	-2.263	-3.314	-4.588
5571	55.70	-5.907	-7.044	-7.766	-7.887	-7.324	-6.134	-4.517	-2.781	-1.270	-0.269
5581	55.80	0.065	-0.255	-1.063	-2.100	-3.105	-3.880	-4.340	-4.493	-4.402	-4.127
5591	55.90	-3.683	-3.042	-2.164	-1.043	0.249	1.558	2.677	3.407	3.613	3.273
5601	56.00	2.479	1.410	0.287	-0.684	-1.346	-1.610	-1.453	-0.907	-0.049	1.012
5611	56.10	2.141	3.192	4.021	4.514	4.606	4.293	3.639	2.750	1.759	0.786
5621	56.20	-0.074	-0.771	-1.291	-1.647	-1.860	-1.942	-1.869	-1.681	-1.295	-0.719
5631	56.30	0.024	0.873	1.731	2.478	3.008	3.254	3.212	2.942	2.552	2.157
5641	56.40	1.846	1.652	1.546	1.460	1.318	1.078	0.751	0.403	0.133	0.033
5651	56.50	0.155	0.490	0.970	1.488	1.932	2.210	2.266	2.089	1.699	1.144
5661	56.60	0.484	-0.207	-0.852	-1.379	-1.734	-1.895	-1.886	-1.765	-1.613	-1.496
5671	56.70	-1.445	-1.434	-1.393	-1.239	-0.916	-0.427	0.155	0.706	1.089	1.207
5681	56.80	1.033	0.616	0.067	-0.486	-0.930	-1.197	-1.259	-1.125	-0.816	-0.361
5691	56.90	0.202	0.820	1.415	1.895	2.177	2.213	2.019	1.675	1.302	1.024
5701	57.00	0.923	1.013	1.240	1.507	1.709	1.770	1.654	1.366	0.935	0.397
5711	57.10	-0.203	-0.815	-1.373	-1.803	-2.040	-2.059	-1.898	-1.659	-1.480	-1.486
5721	57.20	-1.733	-2.181	-2.702	-3.125	-3.308	-3.187	-2.801	-2.265	-1.712	-1.236
5731	57.30	-0.860	-0.542	-0.223	0.124	0.462	0.698	0.732	0.520	0.114	-0.343
5741	57.40	-0.670	-0.729	-0.498	-0.091	0.276	0.369	0.037	-0.722	-1.745	-2.766
5751	57.50	-3.501	-3.751	-3.460	-2.724	-1.743	-0.747	0.077	0.629	0.905	0.971
5761	57.60	0.923	0.855	0.826	0.860	0.951	1.070	1.182	1.254	1.267	1.221
5771	57.70	1.140	1.059	1.018	1.048	1.153	1.315	1.499	1.675	1.827	1.968
5781	57.80	2.123	2.315	2.546	2.786	2.985	3.093	3.087	2.985	2.846	2.739
5791	57.90	2.715	2.781	2.894	2.976	2.952	2.775	2.449	2.020	1.552	1.101
5801	58.00	0.693	0.327	-0.010	-0.323	-0.595	-0.792	-0.878	-0.849	-0.739	-0.625
5811	58.10	-0.596	-0.723	-1.030	-1.477	-1.981	-2.441	-2.779	-2.965	-3.023	-3.017
5821	58.20	-3.021	-3.085	-3.221	-3.397	-3.553	-3.626	-3.575	-3.398	-3.137	-2.864
5831	58.30	-2.658	-2.576	-2.629	-2.777	-2.930	-2.975	-2.816	-2.403	-1.756	-0.968
5841	58.40	-0.171	0.491	0.912	1.050	0.929	0.630	0.255	-0.100	-0.369	-0.518
5851	58.50	-0.539	-0.438	-0.226	0.080	0.453	0.848	1.207	1.468	1.585	1.551
5861	58.60	1.401	1.208	1.066	1.056	1.227	1.574	2.045	2.549	2.987	3.270
5871	58.70	3.350	3.221	2.928	2.551	2.177	1.882	1.699	1.615	1.572	1.493
5881	58.80	1.310	1.000	0.590	0.152	-0.224	-0.470	-0.563	-0.533	-0.447	-0.375
5891	58.90	-0.360	-0.400	-0.459	-0.490	-0.469	-0.410	-0.367	-0.409	-0.584	-0.896
5901	59.00	-1.295	-1.699	-2.020	-2.203	-2.238	-2.159	-2.021	-1.876	-1.750	-1.641
5911	59.10	-1.527	-1.383	-1.200	-0.986	-0.770	-0.581	-0.448	-0.389	-0.408	-0.500
5921	59.20	-0.645	-0.811	-0.957	-1.032	-0.994	-0.820	-0.519	-0.137	0.257	0.589
5931	59.30	0.799	0.861	0.780	0.583	0.306	-0.020	-0.373	-0.728	-1.055	-1.308
5941	59.40	-1.437	-1.400	-1.179	-0.798	-0.312	0.205	0.679	1.058	1.317	1.450
5951	59.50	1.461	1.353	1.133	0.816	0.438	0.063	-0.230	-0.371	-0.319	-0.087
5961	59.60	0.266	0.651	0.985	1.216	1.340	1.394	1.429	1.489	1.589	1.718
5971	59.70	1.852	1.971	2.075	2.180	2.303	2.450	2.596	2.696	2.692	2.542
5981	59.80	2.232	1.787	1.260	0.717	0.224	-0.166	-0.414	-0.495	-0.393	-0.113
5991	59.90	0.315	0.821	1.305	1.655	1.775	1.621	1.222	0.675	0.118	-0.316

Table 7-87-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.547	-0.573	-0.468	-0.350	-0.332	-0.473	-0.757	-1.099	-1.380	-1.495
6011	60.10	-1.394	-1.101	-0.701	-0.309	-0.019	0.121	0.122	0.040	-0.057	-0.117
6021	60.20	-0.129	-0.119	-0.128	-0.194	-0.323	-0.492	-0.657	-0.776	-0.833	-0.842
6031	60.30	-0.848	-0.902	-1.041	-1.267	-1.553	-1.860	-2.067	-2.181	-2.153	-1.982
6041	60.40	-1.692	-1.325	-0.936	-0.588	-0.343	-0.248	-0.326	-0.566	-0.916	-1.298
6051	60.50	-1.624	-1.825	-1.871	-1.781	-1.612	-1.439	-1.329	-1.315	-1.392	-1.517
6061	60.60	-1.632	-1.678	-1.613	-1.424	-1.125	-0.752	-0.356	0.012	0.309	0.521
6071	60.70	0.663	0.778	0.928	1.164	1.506	1.923	2.338	2.645	2.755	2.623
6081	60.80	2.272	1.789	1.292	0.889	0.646	0.569	0.619	0.738	0.881	1.034
6091	60.90	1.206	1.417	1.670	1.939	2.179	2.340	2.394	2.341	2.207	2.019
6101	61.00	1.789	1.500	1.123	0.638	0.068	-0.517	-1.004	-1.277	-1.265	-0.970
6111	61.10	-0.480	0.061	0.492	0.693	0.615	0.291	-0.183	-0.686	-1.110	-1.391
6121	61.20	-1.516	-1.521	-1.463	-1.406	-1.390	-1.431	-1.509	-1.587	-1.620	-1.577
6131	61.30	-1.453	-1.273	-1.086	-0.946	-0.893	-0.937	-1.055	-1.200	-1.317	-1.360
6141	61.40	-1.301	-1.133	-0.862	-0.502	-0.075	0.381	0.808	1.130	1.268	1.170
6151	61.50	0.831	0.312	-0.273	-0.794	-1.143	-1.277	-1.221	-1.051	-0.846	-0.655
6161	61.60	-0.468	-0.231	0.119	0.608	1.198	1.787	2.246	2.462	2.360	2.020
6171	61.70	1.461	0.810	0.169	-0.384	-0.797	-1.030	-1.052	-0.844	-0.416	0.174
6181	61.80	0.821	1.389	1.754	1.854	1.714	1.440	1.174	1.038	1.080	1.256
6191	61.90	1.450	1.530	1.405	1.066	0.588	0.097	-0.281	-0.467	-0.448	-0.275
6201	62.00	-0.033	0.190	0.326	0.338	0.214	-0.032	-0.369	-0.744	-1.086	-1.321
6211	62.10	-1.387	-1.265	-0.990	-0.645	-0.339	-0.164	-0.166	-0.324	-0.568	-0.810
6221	62.20	-0.986	-1.076	-1.102	-1.109	-1.125	-1.143	-1.124	-1.019	-0.803	-0.504
6231	62.30	-0.198	0.021	0.087	-0.006	-0.190	-0.350	-0.378	-0.224	0.079	0.421
6241	62.40	0.664	0.710	0.545	0.257	0.001	-0.060	0.176	0.704	1.412	2.123
6251	62.50	2.664	2.924	2.891	2.641	2.302	1.992	1.777	1.657	1.578	1.474
6261	62.60	1.306	1.082	0.852	0.677	0.593	0.586	0.592	0.520	0.292	-0.120
6271	62.70	-0.681	-1.304	-1.880	-2.323	-2.595	-2.713	-2.734	-2.721	-2.715	-2.719
6281	62.80	-2.708	-2.643	-2.502	-2.294	-2.061	-1.862	-1.754	-1.770	-1.911	-2.144
6291	62.90	-2.418	-2.673	-2.849	-2.902	-2.804	-2.557	-2.193	-1.782	-1.414	-1.176
6301	63.00	-1.127	-1.263	-1.515	-1.763	-1.875	-1.759	-1.397	-0.859	-0.276	0.211
6311	63.10	0.504	0.585	0.516	0.410	0.380	0.498	0.770	1.149	1.563	1.950
6321	63.20	2.275	2.535	2.733	2.866	2.915	2.856	2.682	2.424	2.150	1.951
6331	63.30	1.902	2.037	2.331	2.712	3.091	3.393	3.576	3.634	3.575	3.402
6341	63.40	3.110	2.691	2.158	1.565	1.005	0.589	0.407	0.494	0.814	1.273
6351	63.50	1.756	2.163	2.431	2.536	2.469	2.217	1.759	1.084	0.223	-0.729
6361	63.60	-1.620	-2.278	-2.579	-2.499	-2.131	-1.656	-1.270	-1.102	-1.166	-1.365
6371	63.70	-1.550	-1.593	-1.460	-1.218	-0.999	-0.927	-1.046	-1.291	-1.520	-1.577
6381	63.80	-1.367	-0.902	-0.289	0.315	0.776	1.026	1.079	0.993	0.831	0.619
6391	63.90	0.345	-0.015	-0.463	-0.947	-1.373	-1.639	-1.684	-1.515	-1.215	-0.895
6401	64.00	-0.653	-0.529	-0.493	-0.475	-0.404	-0.251	-0.037	0.181	0.348	0.445
6411	64.10	0.499	0.567	0.702	0.917	1.180	1.427	1.596	1.659	1.634	1.569
6421	64.20	1.515	1.492	1.477	1.421	1.276	1.033	0.731	0.445	0.251	0.191
6431	64.30	0.268	0.359	0.443	0.442	0.348	0.206	0.090	0.069	0.170	0.371
6441	64.40	0.606	0.796	0.873	0.809	0.608	0.302	-0.067	-0.460	-0.842	-1.182
6451	64.50	-1.447	-1.610	-1.656	-1.595	-1.466	-1.329	-1.246	-1.256	-1.364	-1.532
6461	64.60	-1.699	-1.806	-1.820	-1.751	-1.648	-1.579	-1.606	-1.766	-2.062	-2.463
6471	64.70	-2.924	-3.394	-3.827	-4.178	-4.408	-4.476	-4.348	-4.014	-3.495	-2.851
6481	64.80	-2.174	-1.563	-1.094	-0.798	-0.648	-0.575	-0.491	-0.329	-0.065	0.269
6491	64.90	0.603	0.860	0.983	0.966	0.843	0.698	0.587	0.555	0.602	0.690

Table 7-87-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.766	0.792	0.762	0.708	0.687	0.752	0.925	1.186	1.469	1.694
6511	65.10	1.791	1.730	1.529	1.249	0.968	0.751	0.627	0.586	0.593	0.608
6521	65.20	0.611	0.611	0.639	0.731	0.899	1.124	1.355	1.533	1.611	1.580
6531	65.30	1.468	1.326	1.207	1.135	1.099	1.065	0.995	0.876	0.730	0.604
6541	65.40	0.547	0.578	0.670	0.755	0.757	0.622	0.356	0.022	-0.280	-0.459
6551	65.50	-0.471	-0.340	-0.143	0.027	0.105	0.087	0.029	0.016	0.119	0.353
6561	65.60	0.671	0.981	1.185	1.226	1.109	0.896	0.675	0.523	0.471	0.501
6571	65.70	0.561	0.595	0.568	0.478	0.349	0.212	0.090	-0.010	-0.093	-0.157
6581	65.80	-0.191	-0.172	-0.080	0.087	0.297	0.495	0.612	0.597	0.436	0.152
6591	65.90	-0.200	-0.559	-0.878	-1.134	-1.325	-1.458	-1.536	-1.553	-1.497	-1.364
6601	66.00	-1.167	-0.935	-0.707	-0.510	-0.351	-0.216	-0.084	0.053	0.180	0.253
6611	66.10	0.221	0.054	-0.239	-0.598	-0.932	-1.151	-1.201	-1.081	-0.841	-0.558
6621	66.20	-0.293	-0.075	0.109	0.296	0.511	0.749	0.964	1.090	1.073	0.906
6631	66.30	0.638	0.362	0.175	0.142	0.262	0.472	0.678	0.792	0.774	0.665
6641	66.40	0.480	0.369	0.384	0.547	0.826	1.149	1.433	1.611	1.645	1.535
6651	66.50	1.307	1.002	0.668	0.349	0.087	-0.091	-0.173	-0.169	-0.108	-0.032
6661	66.60	0.024	0.040	0.020	-0.013	-0.036	-0.039	-0.040	-0.077	-0.191	-0.402
6671	66.70	-0.693	-1.008	-1.273	-1.424	-1.428	-1.294	-1.066	-0.798	-0.529	-0.274
6681	66.80	-0.026	0.228	0.488	0.732	0.926	1.040	1.068	1.032	0.970	0.919
6691	66.90	0.889	0.859	0.791	0.651	0.439	0.194	-0.022	-0.153	-0.182	-0.151
6701	67.00	-0.140	-0.235	-0.481	-0.856	-1.274	-1.621	-1.802	-1.784	-1.605	-1.352
6711	67.10	-1.121	-0.966	-0.889	-0.849	-0.795	-0.707	-0.616	-0.586	-0.682	-0.922
6721	67.20	-1.262	-1.601	-1.818	-1.829	-1.616	-1.236	-0.800	-0.417	-0.164	-0.059
6731	67.30	-0.072	-0.150	-0.247	-0.340	-0.424	-0.493	-0.531	-0.507	-0.391	-0.177
6741	67.40	0.104	0.389	0.607	0.713	0.712	0.656	0.617	0.649	0.752	0.866
6751	67.50	0.898	0.764	0.437	-0.037	-0.552	-0.990	-1.269	-1.376	-1.370	-1.341
6761	67.60	-1.367	-1.472	-1.616	-1.718	-1.703	-1.540	-1.260	-0.943	-0.678	-0.519
6771	67.70	-0.460	-0.441	-0.378	-0.204	0.098	0.488	0.886	1.206	1.388	1.414
6781	67.80	1.303	1.093	0.823	0.521	0.204	-0.111	-0.396	-0.615	-0.726	-0.705
6791	67.90	-0.557	-0.314	-0.031	0.239	0.462	0.634	0.774	0.907	1.054	1.211
6801	68.00	1.360	1.477	1.547	1.581	1.609	1.671	1.800	2.006	2.259	2.517
6811	68.10	2.722	2.823	2.794	2.636	2.371	2.034	1.659	1.279	0.915	0.586
6821	68.20	0.308	0.098	-0.033	-0.075	-0.032	0.083	0.242	0.411	0.552	0.630
6831	68.30	0.616	0.498	0.279	-0.018	-0.353	-0.676	-0.936	-1.093	-1.128	-1.050
6841	68.40	-0.888	-0.684	-0.475	-0.284	-0.116	0.039	0.193	0.365	0.476	0.551
6851	68.50	0.534	0.405	0.177	-0.105	-0.375	-0.573	-0.667	-0.667	-0.627	-0.619
6861	68.60	-0.701	-0.893	-1.161	-1.431	-1.615	-1.650	-1.523	-1.281	-1.014	-0.817
6871	68.70	-0.754	-0.829	-0.985	-1.125	-1.151	-1.001	-0.679	-0.250	0.182	0.510
6881	68.80	0.664	0.633	0.463	0.240	0.053	-0.038	-0.019	0.079	0.198	0.280
6891	68.90	0.289	0.222	0.106	-0.022	-0.130	-0.205	-0.252	-0.283	-0.305	-0.311
6901	69.00	-0.285	-0.212	-0.096	0.033	0.126	0.127	0.006	-0.233	-0.539	-0.838
6911	69.10	-1.056	-1.149	-1.118	-1.004	-0.867	-0.760	-0.704	-0.689	-0.681	-0.650
6921	69.20	-0.582	-0.493	-0.408	-0.351	-0.324	-0.303	-0.249	-0.134	0.045	0.254
6931	69.30	0.434	0.524	0.491	0.343	0.128	-0.081	-0.221	-0.252	-0.176	-0.024
6941	69.40	0.155	0.318	0.437	0.504	0.525	0.516	0.487	0.449	0.405	0.358
6951	69.50	0.306	0.248	0.179	0.104	0.032	-0.014	-0.006	0.083	0.262	0.519
6961	69.60	0.815	1.097	1.320	1.462	1.532	1.561	1.580	1.602	1.605	1.543
6971	69.70	1.364	1.046	0.614	0.143	-0.265	-0.519	-0.579	-0.472	-0.281	-0.115
6981	69.80	-0.057	-0.139	-0.323	-0.522	-0.637	-0.596	-0.383	-0.043	0.342	0.680
6991	69.90	0.903	0.982	0.933	0.798	0.627	0.460	0.318	0.205	0.112	0.024

Table 7-87-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.006	-0.162	-0.262	-0.358	-0.440	-0.498	-0.524	-0.513	-0.471	-0.408
7011	70.10	-0.340	-0.285	-0.254	-0.250	-0.262	-0.277	-0.278	-0.254	-0.200	-0.120
7021	70.20	-0.020	0.098	0.231	0.377	0.526	0.659	0.748	0.764	0.688	0.524
7031	70.30	0.304	0.077	-0.100	-0.192	-0.191	-0.123	-0.038	0.018	0.015	-0.042
7041	70.40	-0.124	-0.195	-0.228	-0.227	-0.217	-0.233	-0.295	-0.395	-0.497	-0.555
7051	70.50	-0.543	-0.472	-0.394	-0.380	-0.486	-0.720	-1.029	-1.318	-1.482	-1.455
7061	70.60	-1.239	-0.900	-0.548	-0.283	-0.163	-0.180	-0.277	-0.375	-0.416	-0.380
7071	70.70	-0.289	-0.189	-0.119	-0.101	-0.129	-0.166	-0.255	-0.335	-0.430	-0.541
7081	70.80	-0.652	-0.733	-0.748	-0.677	-0.531	-0.356	-0.208	-0.134	-0.140	-0.194
7091	70.90	-0.237	-0.213	-0.104	0.066	0.240	0.361	0.403	0.387	0.373	0.427
7101	71.00	0.581	0.815	1.055	1.206	1.194	0.999	0.665	0.283	-0.046	-0.245
7111	71.10	-0.284	-0.183	0.011	0.245	0.474	0.674	0.831	0.935	0.977	0.951
7121	71.20	0.868	0.752	0.643	0.581	0.592	0.674	0.803	0.941	1.051	1.117
7131	71.30	1.139	1.130	1.103	1.062	0.994	0.886	0.725	0.513	0.269	0.019
7141	71.40	-0.213	-0.408	-0.555	-0.653	-0.701	-0.702	-0.661	-0.597	-0.534	-0.505
7151	71.50	-0.530	-0.615	-0.741	-0.874	-0.977	-1.030	-1.040	-1.028	-1.024	-1.037
7161	71.60	-1.054	-1.042	-0.966	-0.818	-0.624	-0.442	-0.341	-0.363	-0.505	-0.713
7171	71.70	-0.906	-1.005	-0.973	-0.822	-0.605	-0.390	-0.227	-0.131	-0.086	-0.060
7181	71.80	-0.031	0.000	0.015	-0.003	-0.053	-0.103	-0.104	-0.013	0.180	0.444
7191	71.90	0.711	0.906	0.980	0.929	0.796	0.649	0.548	0.524	0.571	0.654
7201	72.00	0.735	0.795	0.835	0.874	0.930	1.004	1.080	1.130	1.131	1.079
7211	72.10	0.985	0.867	0.738	0.594	0.424	0.220	-0.008	-0.226	-0.389	-0.459
7221	72.20	-0.432	-0.347	-0.269	-0.266	-0.373	-0.571	-0.797	-0.967	-1.019	-0.942
7231	72.30	-0.781	-0.613	-0.515	-0.524	-0.625	-0.760	-0.866	-0.903	-0.874	-0.820
7241	72.40	-0.792	-0.824	-0.906	-0.998	-1.046	-1.011	-0.894	-0.730	-0.567	-0.440
7251	72.50	-0.354	-0.279	-0.178	-0.028	0.157	0.324	0.409	0.363	0.184	-0.078
7261	72.60	-0.338	-0.510	-0.541	-0.428	-0.216	0.026	0.238	0.388	0.478	0.537
7271	72.70	0.594	0.667	0.752	0.830	0.884	0.904	0.895	0.871	0.845	0.820
7281	72.80	0.793	0.756	0.704	0.647	0.600	0.577	0.585	0.616	0.652	0.673
7291	72.90	0.672	0.655	0.643	0.661	0.725	0.834	0.969	1.108	1.232	1.336
7301	73.00	1.430	1.530	1.646	1.770	1.878	1.934	1.908	1.788	1.585	1.335
7311	73.10	1.076	0.840	0.637	0.457	0.276	0.070	-0.166	-0.417	-0.650	-0.825
7321	73.20	-0.916	-0.920	-0.860	-0.777	-0.714	-0.698	-0.731	-0.789	-0.832	-0.824
7331	73.30	-0.748	-0.619	-0.478	-0.380	-0.373	-0.477	-0.680	-0.936	-1.180	-1.353
7341	73.40	-1.420	-1.378	-1.262	-1.126	-1.026	-1.001	-1.062	-1.184	-1.323	-1.425
7351	73.50	-1.443	-1.357	-1.174	-0.927	-0.666	-0.441	-0.287	-0.217	-0.217	-0.252
7361	73.60	-0.282	-0.272	-0.205	-0.087	0.053	0.179	0.252	0.246	0.155	-0.012
7371	73.70	-0.228	-0.457	-0.663	-0.811	-0.874	-0.837	-0.702	-0.490	-0.235	0.016
7381	73.80	0.222	0.353	0.406	0.400	0.371	0.358	0.383	0.449	0.534	0.604
7391	73.90	0.628	0.592	0.500	0.374	0.237	0.107	-0.015	-0.140	-0.282	-0.446
7401	74.00	-0.625	-0.797	-0.939	-1.034	-1.081	-1.091	-1.083	-1.070	-1.056	-1.030
7411	74.10	-0.982	-0.906	-0.812	-0.721	-0.659	-0.642	-0.668	-0.713	-0.745	-0.736
7421	74.20	-0.674	-0.569	-0.444	-0.326	-0.226	-0.140	-0.052	0.057	0.191	0.336
7431	74.30	0.464	0.546	0.571	0.553	0.532	0.552	0.647	0.823	1.049	1.273
7441	74.40	1.440	1.509	1.471	1.348	1.180	1.010	0.874	0.788	0.757	0.778
7451	74.50	0.845	0.950	1.083	1.226	1.356	1.450	1.492	1.480	1.427	1.354
7461	74.60	1.278	1.204	1.117	0.991	0.806	0.561	0.280	0.014	-0.181	-0.261
7471	74.70	-0.212	-0.057	0.155	0.367	0.532	0.630	0.668	0.669	0.658	0.646
7481	74.80	0.628	0.586	0.502	0.368	0.196	0.012	-0.152	-0.271	-0.336	-0.357
7491	74.90	-0.361	-0.377	-0.431	-0.535	-0.683	-0.859	-1.036	-1.187	-1.290	-1.329

Table 7-87-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-1.302	-1.213	-1.077	-0.915	-0.752	-0.608	-0.502	-0.439	-0.417	-0.421
7511	75.10	-0.432	-0.432	-0.408	-0.362	-0.306	-0.258	-0.239	-0.255	-0.303	-0.362
7521	75.20	-0.405	-0.410	-0.365	-0.277	-0.169	-0.072	-0.010	0.011	-0.001	-0.019
7531	75.30	-0.017	0.024	0.106	0.215	0.329	0.429	0.508	0.575	0.641	0.719
7541	75.40	0.806	0.886	0.931	0.918	0.838	0.705	0.554	0.425	0.352	0.347
7551	75.50	0.398	0.474	0.539	0.567	0.549	0.497	0.431	0.368	0.311	0.269
7561	75.60	0.159	0.024	-0.164	-0.387	-0.611	-0.793	-0.892	-0.885	-0.772	-0.573
7571	75.70	-0.325	-0.070	0.151	0.307	0.376	0.352	0.241	0.061	-0.156	-0.371
7581	75.80	-0.547	-0.658	-0.696	-0.675	-0.625	-0.582	-0.569	-0.587	-0.610	-0.597
7591	75.90	-0.509	-0.327	-0.065	0.229	0.490	0.657	0.693	0.606	0.439	0.257
7601	76.00	0.125	0.084	0.138	0.256	0.386	0.469	0.459	0.335	0.103	-0.210
7611	76.10	-0.565	-0.918	-1.231	-1.478	-1.645	-1.729	-1.736	-1.672	-1.543	-1.354
7621	76.20	-1.106	-0.807	-0.478	-0.150	0.135	0.339	0.441	0.449	0.394	0.323
7631	76.30	0.279	0.275	0.295	0.295	0.226	0.062	-0.181	-0.448	-0.660	-0.747
7641	76.40	-0.682	-0.488	-0.236	-0.016	0.100	0.082	-0.048	-0.227	-0.384	-0.462
7651	76.50	-0.441	-0.334	-0.177	-0.011	0.134	0.245	0.318	0.356	0.363	0.344
7661	76.60	0.309	0.278	0.275	0.321	0.422	0.566	0.720	0.844	0.910	0.910
7671	76.70	0.861	0.794	0.739	0.710	0.699	0.680	0.631	0.542	0.428	0.321
7681	76.80	0.257	0.261	0.328	0.434	0.537	0.600	0.606	0.561	0.491	0.428
7691	76.90	0.395	0.397	0.420	0.438	0.424	0.365	0.263	0.136	0.013	-0.078
7701	77.00	-0.118	-0.107	-0.062	-0.013	0.008	-0.024	-0.116	-0.252	-0.401	-0.526
7711	77.10	-0.600	-0.620	-0.606	-0.601	-0.649	-0.779	-0.995	-1.267	-1.545	-1.775
7721	77.20	-1.913	-1.943	-1.875	-1.735	-1.559	-1.376	-1.207	-1.065	-0.956	-0.881
7731	77.30	-0.838	-0.816	-0.796	-0.751	-0.660	-0.514	-0.327	-0.133	0.022	0.102
7741	77.40	0.098	0.033	-0.039	-0.055	0.033	0.237	0.531	0.855	1.144	1.367
7751	77.50	1.450	1.472	1.458	1.458	1.502	1.597	1.721	1.839	1.917	1.932
7761	77.60	1.881	1.775	1.633	1.475	1.316	1.167	1.036	0.930	0.853	0.810
7771	77.70	0.800	0.816	0.852	0.898	0.947	0.995	1.036	1.063	1.065	1.032
7781	77.80	0.953	0.830	0.670	0.494	0.322	0.168	0.037	-0.081	-0.198	-0.325
7791	77.90	-0.458	-0.581	-0.673	-0.714	-0.701	-0.649	-0.588	-0.548	-0.545	-0.572
7801	78.00	-0.599	-0.587	-0.507	-0.353	-0.150	0.057	0.219	0.303	0.304	0.243
7811	78.10	0.157	0.076	0.013	-0.043	-0.116	-0.232	-0.400	-0.609	-0.827	-1.019
7821	78.20	-1.159	-1.241	-1.274	-1.283	-1.287	-1.299	-1.320	-1.343	-1.362	-1.376
7831	78.30	-1.383	-1.381	-1.359	-1.297	-1.173	-0.974	-0.708	-0.405	-0.113	0.118
7841	78.40	0.258	0.303	0.280	0.234	0.208	0.231	0.305	0.411	0.522	0.614
7851	78.50	0.678	0.718	0.742	0.761	0.771	0.765	0.733	0.670	0.582	0.480
7861	78.60	0.381	0.291	0.209	0.129	0.042	-0.050	-0.138	-0.208	-0.247	-0.251
7871	78.70	-0.230	-0.196	-0.163	-0.131	-0.095	-0.047	0.012	0.064	0.074	0.010
7881	78.80	-0.147	-0.380	-0.641	-0.860	-0.980	-0.974	-0.865	-0.718	-0.619	-0.600
7891	78.90	-0.702	-0.877	-1.057	-1.170	-1.180	-1.094	-0.965	-0.859	-0.821	-0.857
7901	79.00	-0.925	-0.960	-0.903	-0.730	-0.467	-0.177	0.060	0.187	0.185	0.082
7911	79.10	-0.061	-0.176	-0.213	-0.153	-0.009	0.182	0.376	0.538	0.650	0.708
7921	79.20	0.720	0.701	0.666	0.629	0.601	0.592	0.608	0.653	0.726	0.820
7931	79.30	0.924	1.024	1.103	1.147	1.147	1.101	1.018	0.918	0.822	0.752
7941	79.40	0.715	0.702	0.690	0.653	0.570	0.439	0.282	0.137	0.043	0.026
7951	79.50	0.086	0.196	0.313	0.391	0.405	0.351	0.248	0.123	0.002	-0.105
7961	79.60	-0.202	-0.296	-0.391	-0.481	-0.547	-0.570	-0.545	-0.483	-0.411	-0.361
7971	79.70	-0.354	-0.387	-0.435	-0.657	-0.418	-0.309	-0.149	0.019	0.145	0.198
7981	79.80	0.179	0.118	0.064	0.055	0.103	0.181	0.239	0.221	0.099	-0.112
7991	79.90	-0.358	-0.563	-0.659	-0.616	-0.452	-0.229	-0.021	0.110	0.144	0.102

Table 7-87-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	0.037	0.008	0.052	0.172	0.341	0.513	0.648	0.728	0.757	0.752
8011	80.10	0.733	0.707	0.666	0.596	0.484	0.333	0.157	-0.017	-0.165	-0.273
8021	80.20	-0.339	-0.368	-0.369	-0.343	-0.287	-0.198	-0.079	0.055	0.181	0.276
8031	80.30	0.326	0.329	0.294	0.236	0.162	0.071	-0.046	-0.193	-0.365	-0.539
8041	80.40	-0.682	-0.765	-0.777	-0.729	-0.654	-0.592	-0.572	-0.602	-0.664	-0.728
8051	80.50	-0.762	-0.749	-0.689	-0.600	-0.504	-0.417	-0.348	-0.294	-0.249	-0.202
8061	80.60	-0.140	-0.048	0.089	0.284	0.533	0.814	1.083	1.284	1.374	1.334
8071	80.70	1.185	0.982	0.788	0.651	0.580	0.549	0.506	0.408	0.243	0.042
8081	80.80	-0.137	-0.233	-0.218	-0.108	0.042	0.163	0.202	0.147	0.024	-0.115
8091	80.90	-0.225	-0.286	-0.306	-0.316	-0.341	-0.392	-0.455	-0.508	-0.533	-0.532
8101	81.00	-0.522	-0.528	-0.562	-0.610	-0.640	-0.618	-0.523	-0.368	-0.189	-0.035
8111	81.10	0.065	0.109	0.129	0.169	0.260	0.406	0.574	0.718	0.797	0.797
8121	81.20	0.738	0.660	0.598	0.565	0.547	0.516	0.451	0.359	0.276	0.254
8131	81.30	0.329	0.501	0.722	0.914	1.000	0.938	0.741	0.473	0.223	0.065
8141	81.40	0.029	0.094	0.194	0.255	0.222	0.076	-0.158	-0.432	-0.694	-0.906
8151	81.50	-1.052	-1.129	-1.145	-1.103	-1.008	-0.865	-0.688	-0.502	-0.335	-0.215
8161	81.60	-0.153	-0.144	-0.171	-0.209	-0.245	-0.276	-0.315	-0.378	-0.471	-0.589
8171	81.70	-0.706	-0.788	-0.806	-0.742	-0.601	-0.404	-0.187	0.015	0.173	0.268
8181	81.80	0.296	0.266	0.196	0.109	0.031	-0.017	-0.023	0.006	0.052	0.090
8191	81.90	0.096	0.062	-0.000	-0.063	-0.093	-0.072	-0.004	0.080	0.130	0.104
8201	82.00	-0.019	-0.223	-0.460	-0.669	-0.796	-0.816	-0.740	-0.604	-0.454	-0.322
8211	82.10	-0.221	-0.143	-0.069	0.012	0.103	0.193	0.273	0.341	0.407	0.489
8221	82.20	0.599	0.732	0.861	0.952	0.975	0.921	0.807	0.668	0.539	0.434
8231	82.30	0.338	0.219	0.044	-0.195	-0.473	-0.730	-0.901	-0.943	-0.852	-0.669
8241	82.40	-0.460	-0.288	-0.187	-0.151	-0.149	-0.141	-0.104	-0.046	0.002	0.008
8251	82.50	-0.045	-0.148	-0.268	-0.365	-0.418	-0.427	-0.414	-0.406	-0.416	-0.437
8261	82.60	-0.444	-0.410	-0.326	-0.208	-0.088	0.001	0.046	0.061	0.082	0.145
8271	82.70	0.260	0.403	0.523	0.562	0.489	0.313	0.088	-0.116	-0.237	-0.256
8281	82.80	-0.196	-0.114	-0.071	-0.097	-0.185	-0.291	-0.360	-0.354	-0.271	-0.139
8291	82.90	-0.007	0.089	0.132	0.138	0.134	0.143	0.166	0.183	0.165	0.091
8301	83.00	-0.030	-0.167	-0.270	-0.300	-0.241	-0.115	0.037	0.167	0.247	0.278
8311	83.10	0.286	0.304	0.354	0.436	0.523	0.583	0.592	0.547	0.474	0.411
8321	83.20	0.394	0.442	0.551	0.705	0.882	1.069	1.265	1.472	1.685	1.885
8331	83.30	2.038	2.104	2.058	1.903	1.668	1.403	1.158	0.961	0.815	0.694
8341	83.40	0.567	0.414	0.236	0.062	-0.073	-0.137	-0.122	-0.047	0.054	0.145
8351	83.50	0.204	0.228	0.232	0.236	0.251	0.276	0.296	0.295	0.262	0.200
8361	83.60	0.121	0.040	-0.032	-0.090	-0.134	-0.166	-0.178	-0.165	-0.120	-0.053
8371	83.70	0.012	0.042	0.004	-0.118	-0.311	-0.538	-0.751	-0.911	-1.006	-1.054
8381	83.80	-1.093	-1.161	-1.274	-1.418	-1.552	-1.631	-1.626	-1.540	-1.409	-1.285
8391	83.90	-1.210	-1.201	-1.241	-1.290	-1.307	-1.265	-1.168	-1.041	-0.915	-0.814
8401	84.00	-0.740	-0.680	-0.612	-0.525	-0.420	-0.316	-0.234	-0.188	-0.174	-0.178
8411	84.10	-0.182	-0.178	-0.173	-0.183	-0.225	-0.300	-0.391	-0.463	-0.484	-0.433
8421	84.20	-0.318	-0.170	-0.027	0.079	0.136	0.159	0.171	0.194	0.231	0.266
8431	84.30	0.271	0.224	0.122	-0.017	-0.157	-0.266	-0.327	-0.346	-0.346	-0.353
8441	84.40	-0.378	-0.409	-0.415	-0.358	-0.217	0.008	0.286	0.568	0.806	0.962
8451	84.50	1.024	1.000	0.913	0.791	0.659	0.535	0.432	0.356	0.309	0.286
8461	84.60	0.282	0.290	0.308	0.344	0.408	0.512	0.658	0.825	0.980	1.075
8471	84.70	1.075	0.969	0.779	0.553	0.347	0.201	0.121	0.080	0.030	-0.070
8481	84.80	-0.232	-0.431	-0.615	-0.725	-0.728	-0.627	-0.459	-0.280	-0.137	-0.049
8491	84.90	-0.002	0.038	0.105	0.212	0.346	0.471	0.549	0.557	0.498	0.397

Table 7-87-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.291	0.207	0.158	0.135	0.117	0.087	0.036	-0.029	-0.092	-0.133
8511	85.10	-0.138	-0.105	-0.040	0.043	0.123	0.183	0.208	0.190	0.129	0.037
8521	85.20	-0.063	-0.150	-0.203	-0.219	-0.205	-0.185	-0.181	-0.204	-0.252	-0.303
8531	85.30	-0.335	-0.333	-0.302	-0.264	-0.251	-0.286	-0.367	-0.466	-0.536	-0.536
8541	85.40	-0.443	-0.272	-0.066	0.115	0.222	0.231	0.148	0.008	-0.149	-0.289
8551	85.50	-0.395	-0.463	-0.501	-0.512	-0.493	-0.442	-0.359	-0.258	-0.160	-0.094
8561	85.60	-0.075	-0.106	-0.165	-0.224	-0.256	-0.251	-0.219	-0.184	-0.171	-0.187
8571	85.70	-0.218	-0.235	-0.204	-0.108	0.042	0.210	0.350	0.423	0.422	0.368
8581	85.80	0.309	0.293	0.346	0.465	0.612	0.734	0.788	0.755	0.649	0.512
8591	85.90	0.394	0.333	0.344	0.417	0.527	0.643	0.745	0.821	0.870	0.891
8601	86.00	0.880	0.831	0.743	0.622	0.488	0.365	0.278	0.240	0.247	0.283
8611	86.10	0.328	0.369	0.409	0.456	0.522	0.609	0.704	0.781	0.814	0.791
8621	86.20	0.715	0.611	0.506	0.420	0.353	0.291	0.213	0.107	-0.019	-0.143
8631	86.30	-0.237	-0.288	-0.307	-0.326	-0.385	-0.507	-0.683	-0.873	-1.019	-1.073
8641	86.40	-1.021	-0.891	-0.744	-0.646	-0.642	-0.734	-0.886	-1.041	-1.148	-1.183
8651	86.50	-1.155	-1.098	-1.047	-1.027	-1.039	-1.067	-1.086	-1.079	-1.037	-0.959
8661	86.60	-0.847	-0.701	-0.523	-0.325	-0.134	0.008	0.059	-0.007	-0.179	-0.410
8671	86.70	-0.626	-0.756	-0.754	-0.622	-0.401	-0.155	0.056	0.200	0.281	0.322
8681	86.80	0.353	0.392	0.433	0.465	0.476	0.470	0.467	0.487	0.542	0.615
8691	86.90	0.674	0.681	0.618	0.502	0.378	0.304	0.317	0.416	0.557	0.673
8701	87.00	0.705	0.636	0.495	0.349	0.269	0.296	0.418	0.582	0.714	0.762
8711	87.10	0.716	0.616	0.530	0.516	0.599	0.752	0.916	1.020	1.022	0.919
8721	87.20	0.748	0.565	0.418	0.326	0.276	0.237	0.179	0.093	-0.008	-0.095
8731	87.30	-0.142	-0.161	-0.108	-0.070	-0.067	-0.118	-0.221	-0.357	-0.494	-0.609
8741	87.40	-0.688	-0.730	-0.742	-0.732	-0.698	-0.637	-0.543	-0.421	-0.285	-0.156
8751	87.50	-0.061	-0.018	-0.032	-0.093	-0.179	-0.266	-0.328	-0.353	-0.334	-0.278
8761	87.60	-0.200	-0.123	-0.069	-0.062	-0.114	-0.224	-0.374	-0.533	-0.663	-0.735
8771	87.70	-0.742	-0.697	-0.638	-0.606	-0.632	-0.719	-0.840	-0.941	-0.967	-0.881
8781	87.80	-0.682	-0.408	-0.126	0.094	0.198	0.175	0.051	-0.121	-0.283	-0.394
8791	87.90	-0.445	-0.455	-0.455	-0.472	-0.511	-0.550	-0.554	-0.490	-0.343	-0.133
8801	88.00	0.100	0.302	0.431	0.471	0.436	0.365	0.300	0.274	0.297	0.354
8811	88.10	0.420	0.465	0.474	0.443	0.385	0.316	0.254	0.212	0.195	0.202
8821	88.20	0.227	0.260	0.285	0.284	0.244	0.163	0.057	-0.065	-0.106	-0.097
8831	88.30	-0.014	0.115	0.239	0.300	0.260	0.119	-0.083	-0.275	-0.387	-0.376
8841	88.40	-0.249	-0.056	0.130	0.238	0.236	0.132	-0.028	-0.184	-0.289	-0.328
8851	88.50	-0.312	-0.274	-0.238	-0.214	-0.189	-0.142	-0.055	0.070	0.210	0.334
8861	88.60	0.417	0.457	0.473	0.502	0.577	0.707	0.873	1.032	1.135	1.148
8871	88.70	1.069	0.927	0.769	0.643	0.571	0.546	0.534	0.492	0.389	0.218
8881	88.80	0.006	-0.200	-0.348	-0.409	-0.382	-0.295	-0.196	-0.127	-0.111	-0.136
8891	88.90	-0.168	-0.163	-0.087	0.064	0.260	0.454	0.594	0.651	0.630	0.566
8901	89.00	0.505	0.492	0.543	0.641	0.746	0.818	0.832	0.794	0.734	0.692
8911	89.10	0.692	0.730	0.776	0.781	0.708	0.546	0.322	0.086	-0.103	-0.206
8921	89.20	-0.216	-0.161	-0.087	-0.040	-0.048	-0.113	-0.217	-0.333	-0.447	-0.557
8931	89.30	-0.675	-0.817	-0.985	-1.164	-1.321	-1.417	-1.420	-1.323	-1.142	-0.919
8941	89.40	-0.702	-0.530	-0.426	-0.385	-0.386	-0.400	-0.406	-0.403	-0.404	-0.432
8951	89.50	-0.502	-0.611	-0.731	-0.815	-0.811	-0.687	-0.449	-0.139	0.171	0.406
8961	89.60	0.515	0.489	0.368	0.223	0.125	0.121	0.212	0.357	0.488	0.544
8971	89.70	0.491	0.341	0.141	-0.047	-0.167	-0.194	-0.138	-0.034	0.071	0.138
8981	89.80	0.149	0.105	0.021	-0.080	-0.177	-0.255	-0.305	-0.321	-0.306	-0.264
8991	89.90	-0.207	-0.151	-0.108	-0.085	-0.077	-0.069	-0.040	0.022	0.116	0.223

Table 7-87-19 TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1279 S104-GR-2-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = -40.553 (GAL) T= 15.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.308	0.341	0.301	0.194	0.069	-0.066	-0.170	-0.176	-0.107	0.005
9011	90.10	0.112	0.169	0.151	0.061	-0.073	-0.207	-0.300	-0.331	-0.306	-0.253
9021	90.20	-0.210	-0.212	-0.277	-0.395	-0.540	-0.674	-0.767	-0.801	-0.777	-0.712
9031	90.30	-0.627	-0.537	-0.447	-0.353	-0.244	-0.111	0.043	0.206	0.349	0.454
9041	90.40	0.502	0.486	0.417	0.318	0.216	0.138	0.102	0.113	0.163	0.235
9051	90.50	0.307	0.364	0.398	0.412	0.419	0.430	0.453	0.484	0.509	0.507
9061	90.60	0.462	0.368	0.234	0.078	-0.076	-0.208	-0.305	-0.361	-0.373	-0.337
9071	90.70	-0.249	-0.109	0.070	0.261	0.422	0.509	0.497	0.387	0.212	0.027
9081	90.80	-0.118	-0.193	-0.203	-0.181	-0.167	-0.186	-0.226	-0.248	-0.204	-0.065
9091	90.90	0.153	0.393	0.572	0.620	0.514	0.288	0.023	-0.190	-0.291	-0.275
9101	91.00	-0.194	-0.124	-0.132	-0.236	-0.402	-0.556	-0.622	-0.558	-0.375	-0.127
9111	91.10	0.109	0.272	0.336	0.315	0.250	0.183	0.139	0.119	0.110	0.096
9121	91.20	0.071	0.044	0.027	0.030	0.053	0.082	0.104	0.114	0.119	0.137
9131	91.30	0.184	0.266	0.370	0.470	0.538	0.553	0.511	0.421	0.297	0.153
9141	91.40	-0.005	-0.168	-0.323	-0.450	-0.518	-0.507	-0.413	-0.260	-0.094	0.034
9151	91.50	0.092	0.080	0.032	0.000	0.028	0.128	0.277	0.422	0.511	0.518
9161	91.60	0.454	0.362	0.293	0.279	0.310	0.348	0.337	0.244	0.074	-0.128
9171	91.70	-0.292	-0.362	-0.321	-0.200	-0.066	0.012	-0.003	-0.100	-0.225	-0.311
9181	91.80	-0.310	-0.218	-0.080	0.036	0.069	-0.005	-0.157	-0.325	-0.437	-0.448
9191	91.90	-0.355	-0.197	-0.032	0.091	0.152	0.164	0.159	0.168	0.197	0.229
9201	92.00	0.229	0.174	0.061	-0.080	-0.201	-0.260	-0.239	-0.150	-0.035	0.063
9211	92.10	0.118	0.133	0.135	0.156	0.211	0.286	0.341	0.331	0.235	0.067
9221	92.20	-0.119	-0.255	-0.286	-0.200	-0.036	0.133	0.231	0.214	0.086	-0.100
9231	92.30	-0.267	-0.352	-0.332	-0.230	-0.102	-0.011	0.007	-0.047	-0.136	-0.210
9241	92.40	-0.231	-0.189	-0.106	-0.021						

Table 7-88-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	1.868	2.160	2.370	2.527	2.651	2.729	2.712	2.536	2.149	1.546
11	0.10	0.787	-0.009	-0.693	-1.131	-1.243	-1.030	-0.575	-0.014	0.501	0.851
21	0.20	0.980	0.906	0.706	0.484	0.336	0.315	0.421	0.608	0.805	0.951
31	0.30	1.007	0.971	0.860	0.697	0.492	0.238	-0.073	-0.429	-0.775	-1.020
41	0.40	-1.056	-0.810	-0.285	0.407	1.067	1.462	1.407	0.842	-0.130	-1.258
51	0.50	-2.226	-2.753	-2.698	-2.118	-1.250	-0.436	-0.004	-0.153	-0.874	-1.951
61	0.60	-3.022	-3.696	-3.680	-2.878	-1.429	0.330	1.964	3.071	3.405	2.955
71	0.70	1.940	0.736	-0.254	-0.730	-0.597	0.013	0.801	1.417	1.593	1.240
81	0.80	0.470	-0.451	-1.218	-1.598	-1.516	-1.064	-0.454	0.081	0.369	0.358
91	0.90	0.112	-0.236	-0.552	-0.748	-0.805	-0.753	-0.638	-0.484	-0.290	-0.040
101	1.00	0.265	0.581	0.821	0.882	0.694	0.260	-0.324	-0.886	-1.236	-1.235
111	1.10	-0.852	-0.188	0.551	1.122	1.331	1.096	0.480	-0.340	-1.145	-1.751
121	1.20	-2.080	-2.177	-2.167	-2.190	-2.220	-2.528	-2.692	-2.659	-2.329	-1.713
131	1.30	-0.941	-0.209	0.307	0.534	0.535	0.475	0.531	0.798	1.232	1.663
141	1.40	1.887	1.773	1.351	0.820	0.464	0.527	1.087	2.006	2.980	3.670
151	1.50	3.850	3.513	2.868	2.239	1.910	1.988	2.359	2.749	2.861	2.533
161	1.60	1.822	0.982	0.346	0.163	0.473	1.074	1.611	1.732	1.252	0.234
171	1.70	-1.029	-2.143	-2.778	-2.808	-2.348	-1.696	-1.188	-1.054	-1.326	-1.837
181	1.80	-2.317	-2.522	-2.353	-1.893	-1.359	-0.997	-0.958	-1.227	-1.628	-1.906
191	1.90	-1.842	-1.358	-0.545	0.368	1.119	1.516	1.511	1.205	0.786	0.438
201	2.00	0.261	0.243	0.287	0.279	0.157	-0.056	-0.272	-0.397	-0.400	-0.351
211	2.10	-0.398	-0.701	-1.343	-2.259	-3.235	-3.962	-4.150	-3.642	-2.487	-0.941
221	2.20	0.603	1.747	2.210	1.920	1.034	-0.127	-1.182	-1.821	-1.894	-1.451
231	2.30	-0.701	0.078	0.648	0.903	0.901	0.826	0.901	1.276	1.958	2.795
241	2.40	3.536	3.944	3.904	3.481	2.897	2.439	2.324	2.595	3.095	3.527
251	2.50	3.577	3.054	1.971	0.540	-0.923	-2.123	-2.904	-3.280	-3.399	-3.441
261	2.60	-3.508	-3.570	-3.479	-3.043	-2.131	-0.747	0.951	2.694	4.185	5.180
271	2.70	5.548	5.284	4.688	3.331	2.009	0.722	-0.364	-1.132	-1.545	-1.645
281	2.80	-1.549	-1.406	-1.362	-1.414	-1.587	-1.752	-1.785	-1.603	-1.208	-0.687
291	2.90	-0.172	0.225	0.450	0.519	0.490	0.407	0.272	0.041	-0.335	-0.857
301	3.00	-1.443	-1.945	-2.211	-2.162	-1.854	-1.466	-1.218	-1.274	-1.626	-2.071
311	3.10	-2.285	-1.957	-0.953	0.587	2.256	3.511	3.864	3.081	1.282	-1.083
321	3.20	-3.375	-4.982	-5.514	-4.920	-3.471	-1.648	0.026	1.153	1.547	1.243
331	3.30	0.437	-0.617	-1.685	-2.602	-3.271	-3.641	-3.681	-3.373	-2.730	-1.815
341	3.40	-0.746	0.327	1.270	2.018	2.605	3.142	3.760	4.519	5.348	6.040
351	3.50	6.315	5.932	4.818	3.126	1.223	-0.421	-1.393	-1.481	-0.748	0.495
361	3.60	1.810	2.782	3.161	2.917	2.216	1.331	0.533	0.007	-0.182	-0.063
371	3.70	0.268	0.699	1.107	1.371	1.367	0.994	0.207	-0.944	-2.298	-3.614
381	3.80	-4.636	-5.175	-5.187	-4.771	-4.130	-3.489	-3.004	-2.712	-2.539	-2.351
391	3.90	-2.031	-1.532	-0.891	-0.201	0.446	0.993	1.437	1.803	2.103	2.307
401	4.00	2.349	2.158	1.709	1.060	0.357	-0.209	-0.466	-0.331	0.155	0.842
411	4.10	1.518	1.989	2.144	1.995	1.661	1.320	1.145	1.234	1.577	2.054
421	4.20	2.479	2.661	2.475	1.900	1.039	0.082	-0.759	-1.313	-1.511	-1.396
431	4.30	-1.099	-0.773	-0.527	-0.386	-0.283	-0.103	0.256	0.821	1.522	2.203
441	4.40	2.681	2.807	2.526	1.887	1.027	0.119	-0.686	-1.295	-1.692	-1.920
451	4.50	-2.051	-2.152	-2.252	-2.340	-2.374	-2.301	-2.095	-1.781	-1.448	-1.234
461	4.60	-1.286	-1.704	-2.491	-3.523	-4.574	-5.372	-5.701	-5.476	-4.786	-3.862
471	4.70	-2.992	-2.400	-2.157	-2.151	-2.139	-1.859	-1.150	-0.032	1.298	2.545
481	4.80	3.435	3.826	3.748	3.374	2.922	2.555	2.310	2.110	1.825	1.367
491	4.90	0.757	0.138	-0.281	-0.319	0.089	0.852	1.752	2.526	2.965	2.991

Table 7-88-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	2.674	2.195	1.758	1.513	1.497	1.636	1.783	1.787	1.560	1.105
511	5.10	0.516	-0.064	-0.499	-0.704	-0.669	-0.451	-0.139	0.194	0.519	0.663
521	5.20	1.290	1.853	2.555	3.318	3.992	4.397	4.377	3.868	2.921	1.692
531	5.30	0.399	-0.755	-1.638	-2.226	-2.593	-2.870	-3.179	-3.589	-4.083	-4.572
541	5.40	-4.926	-5.026	-4.805	-4.273	-3.514	-2.667	-1.887	-1.302	-0.981	-0.913
551	5.50	-1.005	-1.116	-1.096	-0.838	-0.316	0.402	1.175	1.841	2.270	2.413
561	5.60	2.309	2.062	1.793	1.584	1.450	1.338	1.168	0.872	0.441	-0.068
571	5.70	-0.546	-0.873	-0.951	-0.737	-0.243	0.474	1.323	2.197	2.978	3.550
581	5.80	3.819	3.737	3.331	2.714	2.066	1.583	1.414	1.605	2.072	2.631
591	5.90	3.064	3.192	2.939	2.347	1.549	0.708	-0.043	-0.638	-1.078	-1.402
601	6.00	-1.658	-1.877	-2.072	-2.249	-2.427	-2.632	-2.884	-3.174	-3.449	-3.627
611	6.10	-3.625	-3.408	-3.015	-2.561	-2.198	-2.066	-2.238	-2.694	-3.334	-4.013
621	6.20	-4.589	-4.953	-5.040	-4.823	-4.299	-3.488	-2.450	-1.293	-0.180	0.699
631	6.30	1.177	1.170	0.724	0.013	-0.703	-1.163	-1.186	-0.732	0.090	1.065
641	6.40	1.943	2.520	2.693	2.484	2.022	1.504	1.139	1.099	1.464	2.199
651	6.50	3.152	4.082	4.724	4.874	4.462	3.595	2.534	1.613	1.121	1.191
661	6.60	1.745	2.519	3.165	3.385	3.046	2.225	1.165	0.165	-0.540	-0.869
671	6.70	-0.903	-0.820	-0.791	-0.897	-1.094	-1.248	-1.224	-0.963	-0.531	-0.094
681	6.80	0.156	0.093	-0.281	-0.828	-1.330	-1.579	-1.457	-0.986	-0.308	0.371
691	6.90	0.863	1.054	0.930	0.558	0.042	-0.524	-1.087	-1.632	-2.163	-2.679
701	7.00	-3.153	-3.535	-3.767	-3.807	-3.644	-3.304	-2.831	-2.280	-1.696	-1.122
711	7.10	-0.605	-0.208	-0.009	-0.081	-0.464	-1.124	-1.935	-2.697	-3.183	-3.213
721	7.20	-2.724	-1.804	-0.667	0.412	1.200	1.589	1.634	1.527	1.506	1.758
731	7.30	2.335	3.133	3.938	4.517	4.717	4.523	4.055	3.512	3.086	2.890
741	7.40	2.925	3.100	3.284	3.366	3.286	3.043	2.662	2.168	1.573	0.876
751	7.50	0.092	-0.728	-1.498	-2.117	-2.509	-2.653	-2.595	-2.424	-2.236	-2.092
761	7.60	-1.993	-1.891	-1.720	-1.427	-0.998	-0.461	0.135	0.736	1.303	1.806
771	7.70	2.215	2.493	2.595	2.497	2.211	1.803	1.380	1.054	0.892	0.886
781	7.80	0.944	0.927	0.711	0.241	-0.437	-1.186	-1.828	-2.216	-2.283	-2.065
791	7.90	-1.684	-1.295	-1.036	-0.981	-1.130	-1.422	-1.761	-2.047	-2.199	-2.167
801	8.00	-1.933	-1.519	-0.974	-0.379	0.177	0.607	0.858	0.919	0.830	0.665
811	8.10	0.509	0.426	0.440	0.533	0.655	0.744	0.749	0.647	0.444	0.170
821	8.20	-0.133	-0.426	-0.676	-0.865	-0.987	-1.047	-1.054	-1.023	-0.967	-0.904
831	8.30	-0.856	-0.849	-0.908	-1.045	-1.247	-1.460	-1.595	-1.553	-1.260	-0.717
841	8.40	-0.017	0.657	1.093	1.124	0.707	-0.046	-0.890	-1.542	-1.788	-1.579
851	8.50	-1.053	-0.482	-0.149	-0.226	-0.692	-1.344	-1.895	-2.105	-1.897	-1.391
861	8.60	-0.845	-0.531	-0.603	-1.030	-1.614	-2.097	-2.279	-2.116	-1.718	-1.271
871	8.70	-0.923	-0.692	-0.450	-0.004	0.782	1.874	3.039	3.917	4.170	3.643
881	8.80	2.451	0.956	-0.361	-1.091	-1.051	-0.347	0.683	1.611	2.094	1.987
891	8.90	1.380	0.531	-0.251	-0.715	-0.742	-0.343	0.375	1.267	2.186	2.998
901	9.00	3.583	3.836	3.698	3.188	2.434	1.660	1.127	1.037	1.442	2.197
911	9.10	3.003	3.513	3.478	2.860	1.865	0.870	0.275	0.334	1.045	2.144
921	9.20	3.207	3.816	3.723	2.938	1.715	0.439	-0.528	-0.980	-0.924	-0.546
931	9.30	-0.117	0.127	0.068	-0.275	-0.781	-1.300	-1.716	-1.982	-2.117	-2.167
941	9.40	-2.177	-2.165	-2.123	-2.032	-1.881	-1.671	-1.416	-1.130	-0.827	-0.533
951	9.50	-0.291	-0.169	-0.243	-0.570	-1.142	-1.867	-2.572	-3.052	-3.136	-2.759
961	9.60	-1.993	-1.031	-0.124	0.504	0.734	0.588	0.203	-0.225	-0.522	-0.596
971	9.70	-0.463	-0.220	-0.004	0.065	-0.073	-0.409	-0.875	-1.369	-1.785	-2.036
981	9.80	-2.071	-1.880	-1.490	-0.966	-0.388	0.168	0.644	1.024	1.326	1.585
991	9.90	1.832	2.066	2.251	2.335	2.274	2.075	1.803	1.567	1.474	1.577

Table 7−88−3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.835	2.118	2.239	2.035	1.427	0.465	-0.687	-1.803	-2.679	-3.197
1011	10.10	-3.360	-3.276	-3.101	-2.978	-2.983	-3.114	-3.301	-3.453	-3.489	-3.361
1021	10.20	-3.059	-2.595	-1.996	-1.301	-0.567	0.123	0.668	0.974	0.997	0.771
1031	10.30	0.422	0.140	0.113	0.464	1.192	2.165	3.166	3.970	4.426	4.508
1041	10.40	4.306	3.972	3.639	3.354	3.055	2.602	1.854	0.743	-0.684	-2.266
1051	10.50	-3.791	-5.065	-5.973	-6.496	-6.685	-6.605	-6.286	-5.711	-4.860	-3.662
1061	10.60	-2.246	-0.749	0.618	1.659	2.266	2.463	2.398	2.281	2.301	2.560
1071	10.70	3.040	3.631	4.183	4.577	4.759	4.746	4.597	4.369	4.084	3.733
1081	10.80	3.291	2.754	2.163	1.599	1.163	0.931	0.927	1.105	1.368	1.602
1091	10.90	1.713	1.660	1.465	1.201	0.966	0.848	0.894	1.093	1.377	1.636
1101	11.00	1.755	1.647	1.288	0.721	0.045	-0.630	-1.224	-1.722	-2.177	-2.678
1111	11.10	-3.299	-4.040	-4.813	-5.451	-5.774	-5.662	-5.108	-4.236	-3.257	-2.397
1121	11.20	-1.817	-1.572	-1.611	-1.827	-2.121	-2.448	-2.824	-3.287	-3.840	-4.404
1131	11.30	-4.820	-4.885	-4.437	-3.425	-1.948	-0.242	1.387	2.655	3.379	3.516
1141	11.40	3.154	2.458	1.614	0.768	0.008	-0.624	-1.107	-1.410	-1.485	-1.277
1151	11.50	-0.757	0.045	1.027	2.028	2.858	3.363	3.465	3.193	2.669	2.067
1161	11.60	1.552	1.232	1.125	1.180	1.311	1.468	1.573	1.719	1.942	2.266
1171	11.70	2.654	3.002	3.176	3.070	2.666	2.045	1.366	0.796	0.443	0.313
1181	11.80	0.326	0.368	0.372	0.356	0.420	0.678	1.171	1.800	2.329	2.465
1191	11.90	1.976	0.816	-0.835	-2.611	-4.096	-4.976	-5.161	-4.805	-4.229	-3.772
1201	12.00	-3.653	-3.890	-4.315	-4.680	-4.781	-4.554	-4.090	-3.573	-3.170	-2.943
1211	12.10	-2.815	-2.620	-2.195	-1.477	-0.545	0.409	1.167	1.595	1.705	1.652
1221	12.20	1.656	1.901	2.437	3.158	3.850	4.288	4.343	4.033	3.512	2.984
1231	12.30	2.598	2.368	2.168	1.790	1.059	-0.060	-1.416	-2.702	-3.562	-3.730
1241	12.40	-3.134	-1.934	-0.464	0.882	1.785	2.103	1.889	1.345	0.725	0.237
1251	12.50	-0.020	-0.055	0.051	0.204	0.344	0.453	0.541	0.616	0.667	0.673
1261	12.60	0.626	0.565	0.579	0.780	1.258	2.024	2.984	3.955	4.719	5.093
1271	12.70	4.995	4.458	3.610	2.621	1.640	0.765	0.034	-0.543	-0.961	-1.203
1281	12.80	-1.255	-1.140	-0.938	-0.792	-0.861	-1.257	-1.972	-2.853	-3.625	-3.979
1291	12.90	-3.685	-2.691	-1.170	0.519	1.931	2.680	2.557	1.600	0.074	-1.617
1301	13.00	-3.058	-3.948	-4.177	-3.831	-3.138	-2.368	-1.736	-1.338	-1.136	-1.003
1311	13.10	-0.795	-0.422	0.103	0.673	1.127	1.326	1.218	0.867	0.437	0.130
1321	13.20	0.109	0.435	1.035	1.740	2.343	2.689	2.730	2.547	2.316	2.241
1331	13.30	2.478	3.075	3.963	4.979	5.915	6.578	6.830	6.607	5.913	4.809
1341	13.40	3.398	1.809	0.188	-1.325	-2.620	-3.650	-4.446	-5.105	-5.754	-6.484
1351	13.50	-7.295	-8.070	-8.600	-8.663	-8.122	-7.005	-5.524	-4.023	-2.655	-2.247
1361	13.60	-2.200	-2.477	-2.681	-2.408	-1.402	0.341	2.566	4.846	6.737	7.921
1371	13.70	8.290	7.943	7.104	6.009	4.816	3.579	2.287	0.933	-0.414	-1.601
1381	13.80	-2.435	-2.773	-2.602	-2.067	-1.433	-0.986	-0.917	-1.253	-1.848	-2.455
1391	13.90	-2.836	-2.858	-2.540	-2.022	-1.492	-1.087	-0.848	-0.726	-0.643	-0.568
1401	14.00	-0.573	-0.813	-1.454	-2.573	-4.073	-5.670	-6.959	-7.542	-7.163	-5.798
1411	14.10	-3.660	-1.117	1.434	3.701	5.562	7.061	8.331	9.481	10.515	11.305
1421	14.20	11.630	11.273	10.123	8.240	5.870	3.382	1.179	-0.416	-1.236	-1.302
1431	14.30	-0.805	-0.033	0.709	1.183	1.277	1.019	0.551	0.067	-0.270	-0.390
1441	14.40	-0.364	-0.380	-0.692	-1.528	-3.004	-5.075	-7.545	-10.122	-12.517	-14.519
1451	14.50	-16.040	-17.096	-17.743	-18.003	-17.813	-17.041	-15.541	-13.253	-10.267	-6.854
1461	14.60	-3.408	-0.339	2.044	3.626	4.499	4.914	5.172	5.511	6.032	6.681
1471	14.70	7.284	7.630	7.542	6.936	5.841	4.376	2.723	1.088	-0.338	-1.391
1481	14.80	-1.953	-1.954	-1.371	-0.223	1.433	3.512	5.892	8.405	10.815	12.826
1491	14.90	14.099	14.319	13.282	10.990	7.696	3.895	0.218	-2.717	-4.480	-4.945

Table 7−88−4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-4.318	-3.049	-1.664	-0.579	0.041	0.315	0.567	1.157	2.297	3.918
1511	15.10	5.647	6.909	7.118	5.891	3.220	-0.479	-4.438	-7.732	-9.535	-9.346
1521	15.20	-7.141	-3.377	1.131	5.437	8.720	10.492	10.700	9.683	8.020	6.311
1531	15.30	4.974	4.131	3.610	3.063	2.142	0.671	-1.263	-3.329	-5.076	-6.108
1541	15.40	-6.247	-5.618	-4.624	-3.823	-3.748	-4.737	-6.826	-9.735	-12.944	-15.838
1551	15.50	-17.856	-18.625	-18.028	-16.216	-13.558	-10.552	-7.719	-5.499	-4.170	-3.797
1561	15.60	-4.237	-5.181	-6.232	-6.998	-7.172	-6.572	-5.142	-2.910	0.056	3.671
1571	15.70	7.824	12.330	16.878	21.012	24.177	25.840	25.652	23.591	20.032	15.694
1581	15.80	11.466	8.163	6.296	5.927	6.676	7.860	8.733	8.724	7.610	5.561
1591	15.90	3.063	0.754	-0.762	-1.069	-0.029	2.215	5.278	8.627	11.672	13.872
1601	16.00	14.817	14.300	12.350	9.214	5.298	1.060	-3.088	-6.860	-10.109	-12.789
1611	16.10	-14.881	-16.325	-17.004	-16.778	-15.570	-13.447	-10.655	-7.591	-4.708	-2.394
1621	16.20	-0.891	-0.264	-0.441	-1.287	-2.673	-4.496	-6.638	-8.915	-11.034	-12.617
1631	16.30	-13.288	-12.802	-11.149	-8.583	-5.559	-2.584	-0.058	1.835	3.140	4.052
1641	16.40	4.772	5.380	5.787	5.764	5.063	3.543	1.267	-1.488	-4.289	-6.666
1651	16.50	-8.233	-8.769	-8.249	-6.823	-4.767	-2.417	-0.112	1.856	3.287	4.101
1661	16.60	4.344	4.164	3.760	3.313	2.939	2.667	2.477	2.360	2.382	2.702
1671	16.70	3.525	4.999	7.097	9.542	11.825	13.333	13.539	12.203	9.493	5.979
1681	16.80	2.492	-0.107	-1.175	-0.467	1.800	5.005	8.287	10.747	11.645	10.542
1691	16.90	7.379	2.475	-3.537	-9.826	-15.531	-19.925	-22.572	-23.406	-22.725	-21.081
1701	17.00	-19.087	-17.227	-15.705	-14.411	-13.005	-11.095	-8.426	-5.019	-1.190	2.547
1711	17.10	5.669	7.730	8.679	8.679	8.128	7.503	7.222	7.548	8.549	10.118
1721	17.20	12.008	13.882	15.362	16.075	15.720	14.143	11.393	7.740	3.626	-0.449
1731	17.30	-4.076	-7.049	-9.401	-11.342	-13.108	-14.801	-16.291	-17.231	-17.193	-15.866
1741	17.40	-13.227	-9.611	-5.630	-1.985	0.770	2.397	3.021	3.045	2.964	3.174
1751	17.50	3.847	4.897	6.045	6.914	7.126	6.358	4.372	1.048	-3.552	-9.101
1761	17.60	-14.946	-20.127	-23.519	-24.100	-21.264	-15.084	-6.399	3.320	12.312	18.979
1771	17.70	22.292	22.031	18.774	13.659	8.001	2.911	-0.979	-3.599	-5.339	-6.819
1781	17.80	-8.614	-11.030	-13.999	-17.096	-19.677	-21.087	-20.868	-18.911	-15.502	-11.249
1791	17.90	-6.901	-3.117	-0.257	1.730	3.276	5.027	7.589	11.271	15.925	20.934
1801	18.00	25.364	28.222	28.743	26.607	22.021	15.663	8.496	1.545	-4.318	-8.516
1811	18.10	-10.814	-11.272	-10.158	-7.821	-4.603	-0.772	3.479	7.995	12.602	17.048
1821	18.20	20.987	24.015	25.753	25.963	24.647	22.091	18.833	15.541	12.853	11.225
1831	18.30	10.831	11.555	13.065	14.942	16.805	18.397	19.610	20.440	20.920	21.041
1841	18.40	20.712	19.754	17.934	15.022	10.863	5.438	-1.086	-8.344	-15.801	-22.825
1851	18.50	-28.808	-33.303	-36.150	-37.526	-37.915	-37.976	-38.341	-39.409	-41.196	-43.303
1861	18.60	-45.019	-45.524	-44.147	-40.578	-34.903	-27.966	-20.414	-13.249	-7.188	-2.568
1871	18.70	0.693	3.020	4.992	7.139	9.765	12.878	16.233	19.457	22.210	24.307
1881	18.80	25.760	26.721	27.372	27.802	27.941	27.576	26.433	24.298	21.095	16.914
1891	18.90	11.952	6.436	0.550	-5.556	-11.709	-17.607	-22.759	-26.510	-28.178	-27.269
1901	19.00	-23.670	-17.752	-10.308	-2.347	5.180	11.619	16.715	20.544	23.308	25.109
1911	19.10	25.802	25.005	22.278	17.380	10.490	2.292	-6.131	-13.563	-18.958	-21.763
1921	19.20	-21.922	-19.912	-16.503	-12.514	-8.623	-5.264	-2.641	-0.803	0.264	0.576
1931	19.30	0.146	-0.993	-2.756	-4.989	-7.484	-10.005	-12.315	-14.183	-15.393	-15.745
1941	19.40	-15.094	-13.393	-10.757	-7.490	-4.067	-1.041	1.089	2.018	1.733	0.532
1951	19.50	-1.045	-2.352	-2.786	-1.925	0.392	4.043	8.658	13.676	18.439	22.286
1961	19.60	24.661	25.218	23.897	20.951	16.894	12.382	8.047	4.340	1.436	-0.754
1971	19.70	-2.485	-4.013	-5.456	-6.729	-7.586	-7.751	-7.078	-5.654	-3.809	-2.008
1981	19.80	-0.672	-0.012	0.066	-0.079	0.034	0.809	2.401	4.637	7.067	9.110
1991	19.90	10.240	10.150	8.821	6.501	3.607	0.594	-2.154	-4.381	-5.967	-6.894

Table 7-88-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-7.204	-6.965	-6.264	-5.200	-3.893	-2.470	-1.049	0.282	1.478	2.545
2011	20.10	3.523	4.473	5.462	6.546	7.765	9.118	10.538	11.862	12.809	12.992
2021	20.20	11.984	9.416	5.103	-0.849	-8.003	-15.633	-22.860	-28.827	-32.890	-34.732
2031	20.30	-34.405	-32.266	-28.855	-24.757	-20.484	-16.419	-12.806	-9.775	-7.366	-5.549
2041	20.40	-4.224	-3.223	-2.328	-1.307	0.029	1.787	3.971	6.503	9.259	12.106
2051	20.50	14.918	17.552	19.809	21.418	22.060	21.453	19.477	16.276	12.292	8.192
2061	20.60	4.697	2.364	1.424	1.717	2.788	4.077	5.154	5.872	6.395	7.078
2071	20.70	8.251	10.029	12.208	14.322	15.815	16.271	15.579	13.969	11.906	9.887
2081	20.80	8.234	6.980	5.890	4.599	2.808	0.428	-2.368	-5.222	-7.748	-9.685
2091	20.90	-10.989	-11.819	-12.441	-13.092	-13.890	-14.802	-15.704	-16.467	-17.042	-17.481
2101	21.00	-17.906	-18.427	-19.070	-19.749	-20.282	-20.461	-20.119	-19.177	-17.649	-15.618
2111	21.10	-13.201	-10.525	-7.731	-4.972	-2.410	-0.176	1.683	3.253	4.765	6.529
2121	21.20	8.831	11.795	15.396	18.954	22.228	24.576	25.620	25.253	23.643	21.142
2131	21.30	18.137	14.928	11.658	8.337	4.925	1.429	-2.042	-5.272	-7.996	-9.974
2141	21.40	-11.038	-11.113	-10.191	-8.303	-5.503	-1.890	2.360	6.957	11.507	15.559
2151	21.50	18.692	20.599	21.137	20.335	18.346	15.392	11.711	7.538	3.104	-1.357
2161	21.60	-5.612	-9.461	-12.784	-15.565	-17.897	-19.928	-21.793	-23.548	-25.134	-26.395
2171	21.70	-27.127	-27.133	-26.260	-24.403	-21.487	-17.457	-12.300	-6.101	0.892	8.240
2181	21.80	15.347	21.581	26.430	29.640	31.274	31.653	31.198	30.239	28.879	26.960
2191	21.90	24.170	20.225	15.066	8.961	2.493	-3.583	-8.546	-11.895	-13.459	-13.391
2201	22.00	-12.078	-10.006	-7.639	-5.354	-3.415	-1.992	-1.176	-0.989	-1.383	-2.247
2211	22.10	-3.438	-4.817	-6.297	-7.855	-9.512	-11.272	-13.051	-14.668	-15.763	-16.078
2221	22.20	-15.367	-13.582	-10.875	-7.551	-3.955	-0.365	3.071	6.320	9.388	12.217
2231	22.30	14.620	16.301	16.942	16.337	14.494	11.660	8.253	4.720	1.395	-1.594
2241	22.40	-4.306	-6.902	-9.496	-12.059	-14.382	-16.139	-17.011	-16.814	-15.570	-13.504
2251	22.50	-10.971	-8.343	-5.923	-3.892	-2.316	-1.172	-0.391	0.126	0.496	0.849
2261	22.30	1.296	1.894	2.602	3.261	3.630	3.459	2.589	1.022	-1.065	-3.379
2271	22.70	-5.612	-7.541	-9.086	-10.277	-11.184	-11.810	-12.043	-11.668	-10.455	-8.276
2281	22.80	-5.192	-1.463	2.525	6.384	9.844	12.812	15.344	17.554	19.504	21.135
2291	22.90	22.271	22.702	22.297	21.094	19.323	17.350	15.556	14.215	13.403	12.986
2301	23.00	12.680	12.154	11.141	9.515	7.314	4.715	1.966	-0.686	-3.058	-5.061
2311	23.10	-6.706	-8.075	-9.280	-10.416	-11.527	-12.595	-13.552	-14.315	-14.824	-15.070
2321	23.20	-15.100	-15.002	-14.856	-14.695	-14.479	-14.090	-13.362	-12.135	-10.308	-7.888
2331	23.30	-5.008	-1.926	1.023	3.486	5.176	5.952	5.879	5.239	4.681	4.114
2341	23.40	4.560	6.021	8.398	11.306	14.189	16.500	17.884	18.295	17.996	17.441
2351	23.50	17.078	17.152	17.589	18.003	17.832	16.543	13.848	9.814	4.870	-0.319
2361	23.60	-5.054	-8.797	-11.305	-12.653	-13.164	-13.265	-13.332	-13.580	-14.023	-14.513
2371	23.70	-14.829	-14.786	-14.309	-13.463	-12.421	-11.390	-10.532	-9.900	-9.435	-8.997
2381	23.80	-8.442	-7.688	-6.761	-5.783	-4.914	-4.286	-3.933	-3.775	-3.649	-3.371
2391	23.90	-2.808	-1.921	-0.765	0.554	1.929	3.295	4.632	5.933	7.160	8.216
2401	24.00	8.951	9.221	8.960	8.235	7.260	6.350	5.819	5.874	6.539	7.640
2411	24.10	8.649	9.788	10.127	9.674	8.404	6.454	4.069	1.558	-0.768	-2.627
2421	24.20	-3.807	-4.188	-3.768	-2.672	-1.141	0.511	1.955	2.918	3.228	2.826
2431	24.30	1.741	0.042	-2.201	-4.936	-8.100	-11.574	-15.141	-18.473	-21.175	-22.875
2441	24.40	-23.323	-22.467	-20.466	-17.638	-14.355	-10.929	-7.546	-4.249	-0.993	2.274
2451	24.50	5.537	8.687	11.548	13.944	15.776	17.059	17.924	18.560	19.143	19.774
2461	24.60	20.447	21.061	21.459	21.478	20.983	19.892	18.175	15.861	13.034	9.834
2471	24.70	6.450	3.098	-0.023	-2.773	-5.106	-7.071	-8.788	-10.389	-11.970	-13.556
2481	24.80	-15.102	-16.520	-17.718	-18.623	-19.190	-19.382	-19.154	-18.451	-17.227	-15.485
2491	24.90	-13.308	-10.864	-8.370	-6.028	-3.955	-2.153	-0.526	1.061	2.696	4.355

Table 7-88-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	5.900	7.119	7.819	7.912	7.458	6.655	5.770	5.049	4.644	4.581
2511	25.10	4.780	5.105	5.419	5.621	5.651	5.488	5.127	4.586	3.911	3.194
2521	25.20	2.569	2.184	2.155	2.510	3.153	3.875	4.399	4.463	3.894	2.663
2531	25.30	0.887	-1.214	-3.388	-5.420	-7.176	-8.614	-9.753	-10.629	-11.245	-11.556
2541	25.40	-11.465	-10.866	-9.689	-7.955	-5.807	-3.506	-1.396	0.169	0.908	0.693
2551	25.50	-0.398	-2.084	-3.931	-5.453	-6.223	-5.986	-4.714	-2.607	-0.031	2.594
2561	25.60	4.905	6.686	7.895	8.635	9.080	9.382	9.608	9.727	9.650	9.297
2571	25.70	8.675	7.902	7.188	6.755	6.746	7.149	7.786	8.361	8.565	8.179
2581	25.80	7.160	5.632	3.834	2.022	0.375	-1.048	-2.296	-3.462	-4.609	-5.715
2591	25.90	-6.667	-7.303	-7.467	-7.065	-6.088	-4.603	-2.724	-0.591	1.643	3.795
2601	26.00	5.656	6.995	7.614	7.405	6.413	4.845	3.035	1.349	0.081	-0.632
2611	26.10	-0.828	-0.674	-0.370	-0.061	0.219	0.531	0.973	1.590	2.324	3.009
2621	26.20	3.431	3.412	2.888	1.935	0.743	-0.468	-1.530	-2.381	-3.071	-3.713
2631	26.30	-4.405	-5.170	-5.936	-6.558	-6.895	-6.880	-6.565	-6.125	-5.798	-5.805
2641	26.40	-6.264	-7.147	-8.276	-9.382	-10.182	-10.463	-10.136	-9.244	-7.937	-6.424
2651	26.50	-4.921	-3.619	-2.669	-2.179	-2.206	-2.740	-3.682	-4.829	-5.888	-6.525
2661	26.60	-6.454	-5.523	-3.778	-1.457	1.077	3.457	5.431	6.938	8.105	9.167
2671	26.70	10.343	11.730	13.251	14.684	15.757	16.257	16.107	15.375	14.230	12.851
2681	26.80	11.361	9.800	8.155	6.416	4.631	2.911	1.399	0.207	-0.640	-1.213
2691	26.90	-1.645	-2.060	-2.516	-2.986	-3.390	-3.661	-3.803	-3.913	-4.136	-4.584
2701	27.00	-5.258	-6.018	-6.622	-6.826	-6.503	-5.713	-4.697	-3.788	-3.266	-3.238
2711	27.10	-3.586	-4.012	-4.164	-3.783	-2.821	-1.461	-0.046	1.045	1.544	1.374
2721	27.20	0.656	-0.363	-1.421	-2.347	-3.114	-3.826	-4.552	-5.736	-7.124	-8.733
2731	27.30	-10.368	-11.779	-12.727	-13.047	-12.678	-11.665	-10.133	-8.249	-6.186	-4.088
2741	27.40	-2.053	-0.128	1.692	3.446	5.194	6.983	8.827	10.683	12.449	13.971
2751	27.50	15.086	15.660	15.642	15.081	14.128	12.990	11.869	10.902	10.114	9.425
2761	27.60	8.688	7.758	6.558	5.117	3.556	2.041	0.711	-0.375	-1.262	-2.064
2771	27.70	-2.907	-3.861	-4.894	-5.880	-6.638	-7.004	-6.890	-6.312	-5.381	-4.260
2781	27.80	-3.113	-2.067	-1.198	-0.541	-0.107	0.101	0.095	-0.090	-0.378	-0.662
2791	27.90	-0.830	-0.800	-0.568	-0.219	0.086	0.158	-0.162	-0.945	-2.152	-3.644
2801	28.00	-5.223	-6.683	-7.863	-8.669	-9.077	-9.121	-8.865	-8.384	-7.750	-7.027
2811	28.10	-6.266	-5.501	-4.743	-3.977	-3.164	-2.256	-1.210	-0.016	1.293	2.635
2821	28.20	3.894	4.955	5.733	6.209	6.439	6.543	6.674	6.964	7.483	8.213
2831	28.30	9.047	9.828	10.393	10.628	10.493	10.023	9.293	8.374	7.301	6.059
2841	28.40	4.616	2.957	1.136	-0.712	-2.388	-3.689	-4.470	-4.694	-4.450	-3.913
2851	28.50	-3.288	-2.742	-2.358	-2.121	-1.948	-1.725	-1.350	-0.763	0.051	1.058
2861	28.60	2.182	3.308	4.287	4.954	5.160	4.822	3.966	2.739	1.388	0.186
2871	28.70	-0.655	-1.059	-1.109	-1.016	-1.024	-1.310	-1.902	-2.663	-3.343	-3.675
2881	28.80	-3.478	-2.725	-1.545	-0.180	1.104	2.087	2.649	2.763	2.475	1.858
2891	28.90	0.988	-0.061	-1.214	-2.375	-3.436	-4.283	-4.831	-5.042	-4.935	-4.577
2901	29.00	-4.068	-3.511	-3.003	-2.633	-2.478	-2.604	-3.051	-3.812	-4.810	-5.903
2911	29.10	-6.899	-7.604	-7.876	-7.663	-7.013	-6.066	-4.907	-3.707	-2.491	-1.229
2921	29.20	0.144	1.685	3.395	5.198	6.953	8.496	9.687	10.458	10.822	10.871
2931	29.30	10.739	10.563	10.449	10.447	10.550	10.693	10.770	10.650	10.197	9.294
2941	29.40	7.873	5.941	3.600	1.040	-1.487	-3.721	-5.451	-6.569	-7.097	-7.169
2951	29.50	-6.985	-6.744	-6.586	-6.557	-6.619	-6.694	-6.725	-6.717	-6.756	-6.970
2961	29.60	-7.477	-8.314	-9.397	-10.527	-11.444	-11.904	-11.756	-10.982	-9.691	-8.068
2971	29.70	-6.303	-4.532	-2.818	-1.171	0.407	1.875	3.134	4.045	4.478	4.369
2981	29.80	3.748	2.739	1.513	0.236	-0.976	-2.070	-3.034	-3.855	-4.489	-4.856
2991	29.90	-4.865	-4.466	-3.689	-2.647	-1.505	-0.417	0.526	1.330	2.071	2.842

Table 7-88-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	3.686	4.559	5.339	5.804	6.100	5.994	5.678	5.320	5.062	4.956
3011	30.10	4.939	4.870	4.610	4.102	3.414	2.719	2.220	2.058	2.246	2.659
3021	30.20	3.091	3.367	3.326	3.063	2.708	2.455	2.457	2.772	3.348	4.056
3031	30.30	4.747	5.293	5.610	5.644	5.360	4.723	3.727	2.420	0.936	-0.505
3041	30.40	-1.642	-2.255	-2.262	-1.672	-0.775	0.127	0.724	0.820	0.382	-0.465
3051	30.50	-1.509	-2.536	-3.405	-4.084	-4.625	-5.112	-5.606	-6.102	-6.534	-6.804
3061	30.60	-6.827	-6.568	-6.068	-5.333	-4.497	-3.591	-2.624	-1.567	-0.375	0.986
3071	30.70	2.514	4.160	5.838	7.443	8.873	10.050	10.930	11.497	11.755	11.711
3081	30.80	11.364	10.710	9.745	8.490	7.003	5.391	3.793	2.358	1.209	0.409
3091	30.90	-0.057	-0.275	-0.377	-0.497	-0.742	-1.167	-1.773	-2.524	-3.374	-4.277
3101	31.00	-5.201	-6.121	-7.005	-7.810	-8.479	-8.955	-9.196	-9.187	-8.950	-8.539
3111	31.10	-8.023	-7.483	-6.989	-6.603	-6.365	-6.291	-6.368	-6.546	-6.744	-6.859
3121	31.20	-6.791	-6.465	-5.856	-4.992	-3.948	-2.823	-1.718	-0.713	0.135	0.787
3131	31.30	1.215	1.393	1.303	0.951	0.382	-0.315	-1.011	-1.559	-1.825	-1.712
3141	31.40	-1.174	-0.215	1.122	2.767	4.631	6.600	8.533	10.270	11.646	12.523
3151	31.50	12.825	12.563	11.825	10.760	9.527	8.255	7.019	5.842	4.714	3.628
3161	31.60	2.592	1.628	0.755	-0.042	-0.621	-1.667	-2.650	-3.785	-4.997	-6.133
3171	31.70	-7.065	-7.460	-7.438	-6.997	-6.295	-5.524	-4.835	-4.290	-3.849	-3.621
3181	31.80	-2.923	-2.356	-1.821	-1.494	-1.560	-2.120	-3.140	-4.435	-5.722	-6.704
3191	31.90	-7.160	-7.007	-6.308	-5.237	-4.010	-2.818	-1.776	-0.918	-0.216	0.381
3201	32.00	0.916	1.401	1.821	2.144	2.342	2.408	2.356	2.228	2.082	1.987
3211	32.10	2.018	2.247	2.729	3.494	4.525	5.756	7.076	8.344	9.423	10.207
3221	32.20	10.648	10.758	10.594	10.229	9.715	9.062	8.235	7.184	5.877	4.342
3231	32.30	2.687	1.094	-0.225	-1.082	-1.375	-1.113	-0.418	0.514	1.474	2.294
3241	32.40	2.879	3.213	3.327	3.264	3.050	2.681	2.136	1.407	0.523	-0.448
3251	32.50	-1.409	-2.267	-2.967	-3.506	-3.931	-4.312	-4.712	-5.164	-5.667	-6.197
3261	32.60	-6.734	-7.282	-7.869	-8.532	-9.292	-10.124	-10.965	-11.629	-12.037	-12.053
3271	32.70	-11.624	-10.769	-9.581	-8.204	-6.793	-5.493	-4.411	-3.599	-3.059	-2.736
3281	32.80	-2.534	-2.324	-1.970	-1.355	-0.407	0.880	2.437	4.139	5.830	7.367
3291	32.90	8.655	9.668	10.446	11.068	11.611	12.107	12.528	12.780	12.743	12.307
3301	33.00	11.423	10.131	8.556	6.877	5.277	3.888	2.760	1.851	1.056	0.251
3311	33.10	-0.654	-1.687	-2.804	-3.907	-4.890	-5.668	-6.206	-6.517	-6.637	-6.604
3321	33.20	-6.426	-6.083	-5.539	-4.773	-3.804	-2.706	-1.600	-0.622	0.110	0.531
3331	33.30	0.643	0.501	0.188	-0.221	-0.677	-1.170	-1.707	-2.295	-2.909	-3.486
3341	33.40	-3.932	-4.148	-4.066	-3.672	-3.012	-2.185	-1.307	-0.479	0.239	0.839
3351	33.50	1.350	1.815	2.262	2.685	3.041	3.273	3.329	3.188	2.869	2.427
3361	33.60	1.925	1.415	0.909	0.383	-0.211	-0.917	-1.747	-2.661	-3.571	-4.366
3371	33.70	-4.943	-5.242	-5.267	-5.081	-4.789	-4.504	-4.310	-4.246	-4.297	-4.407
3381	33.80	-4.503	-4.517	-4.406	-4.158	-3.790	-3.337	-2.838	-2.325	-1.815	-1.306
3391	33.90	-0.780	-0.212	0.420	1.123	1.877	2.632	3.312	3.833	4.124	4.146
3401	34.00	3.913	3.493	2.992	2.530	2.209	2.085	2.151	2.343	2.560	2.696
3411	34.10	2.673	2.466	2.109	1.687	1.310	1.077	1.057	1.269	1.688	2.256
3421	34.20	2.905	3.575	4.222	4.816	5.336	5.764	6.085	6.292	6.398	6.432
3431	34.30	6.435	6.433	6.418	6.336	6.094	5.594	4.771	3.639	2.292	0.891
3441	34.40	-0.396	-1.451	-2.248	-2.858	-3.410	-4.027	-4.767	-5.587	-6.361	-6.928
3451	34.50	-7.158	-7.000	-6.486	-5.702	-4.736	-3.626	-2.356	-0.869	0.870	2.833
3461	34.60	4.907	6.909	8.641	9.950	10.770	11.120	11.082	10.767	10.180	9.408
3471	34.70	8.438	7.288	6.014	4.710	3.485	2.421	1.541	0.802	0.112	-0.625
3481	34.80	-1.467	-2.412	-3.407	-4.376	-5.264	-6.066	-6.830	-7.636	-8.560	-9.632
3491	34.90	-10.815	-12.000	-13.035	-13.754	-14.024	-13.776	-13.019	-11.848	-10.412	-8.890

Table 7-88-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-7.445	-6.191	-5.177	-4.387	-3.767	-3.249	-2.787	-2.362	-1.975	-1.626
3511	35.10	-1.294	-0.924	-0.450	0.183	0.978	1.869	2.730	3.411	3.785	3.792
3521	35.20	3.455	2.872	2.179	1.508	0.953	0.557	0.323	0.229	0.252	0.374
3531	35.30	0.585	0.876	1.239	1.664	2.143	2.669	3.238	3.833	4.425	4.971
3541	35.40	5.424	5.756	5.984	6.076	6.130	6.149	6.120	5.993	5.699	5.192
3551	35.50	4.491	3.694	2.962	2.460	2.297	2.467	2.840	3.193	3.282	2.927
3561	35.60	2.073	0.806	-0.677	-2.133	-3.349	-4.202	-4.679	-4.861	-4.880	-4.862
3571	35.70	-4.886	-4.954	-5.000	-4.917	-4.600	-3.992	-3.118	-2.097	-1.111	-0.360
3581	35.80	0.008	-0.048	-0.434	-0.941	-1.309	-1.315	-0.862	-0.021	0.985	1.842
3591	35.90	2.260	2.063	1.251	0.002	-1.395	-2.635	-3.487	-3.854	-3.782	-3.415
3601	36.00	-2.927	-2.457	-2.069	-1.752	-1.445	-1.082	-0.635	-0.126	0.377	0.785
3611	36.10	1.019	1.042	0.866	0.551	0.188	-0.124	-0.299	-0.279	-0.049	0.371
3621	36.20	0.927	1.546	2.149	2.663	3.039	3.252	3.301	3.209	3.006	2.728
3631	36.30	2.409	2.077	1.762	1.488	1.277	1.139	1.067	1.037	1.012	0.953
3641	36.40	0.839	0.677	0.507	0.388	0.381	0.516	0.786	1.136	1.486	1.755
3651	36.50	1.888	1.873	1.735	1.517	1.257	0.967	0.635	0.240	-0.224	-0.727
3661	36.60	-1.199	-1.550	-1.698	-1.609	-1.307	-0.878	-0.437	-0.094	0.089	0.105
3671	36.70	0.008	-0.120	-0.195	-0.166	-0.026	0.182	0.382	0.485	0.409	0.105
3681	36.80	-0.432	-1.155	-1.971	-2.763	-3.419	-3.866	-4.096	-4.166	-4.182	-4.250
3691	36.90	-4.429	-4.701	-4.967	-5.084	-4.920	-4.413	-3.602	-2.619	-1.641	-0.829
3701	37.00	-0.273	0.031	0.162	0.224	0.292	0.385	0.459	0.448	0.307	0.049
3711	37.10	-0.248	-0.467	-0.500	-0.291	0.134	0.676	1.193	1.540	1.618	1.390
3721	37.20	0.893	0.229	-0.456	-0.994	-1.228	-1.039	-0.383	0.691	2.045	3.473
3731	37.30	4.761	5.744	6.357	6.648	6.756	6.844	7.033	7.354	7.733	8.026
3741	37.40	8.085	7.813	7.208	6.353	5.386	4.448	3.638	2.997	2.510	2.128
3751	37.50	1.787	1.421	0.964	0.346	-0.495	-1.593	-2.935	-4.441	-5.974	-7.375
3761	37.60	-8.507	-9.299	-9.761	-9.970	-10.024	-9.990	-9.874	-9.612	-9.108	-8.277
3771	37.70	-7.089	-5.591	-3.894	-2.144	-0.478	0.994	2.203	3.112	3.705	3.981
3781	37.80	3.963	3.696	3.253	2.720	2.171	1.651	1.157	0.655	0.102	-0.524
3791	37.90	-1.200	-1.870	-2.463	-2.931	-3.267	-3.514	-3.731	-3.965	-4.214	-4.423
3801	38.00	-4.497	-4.337	-3.881	-3.121	-2.105	-0.913	0.360	1.631	2.833	3.907
3811	38.10	4.800	5.465	5.873	6.026	5.967	5.772	5.531	5.322	5.191	5.150
3821	38.20	5.192	5.314	5.527	5.857	6.325	6.917	7.569	8.169	8.585	8.706
3831	38.30	8.473	7.892	7.026	5.960	4.773	3.520	2.238	0.963	-0.252	-1.342
3841	38.40	-2.238	-2.903	-3.351	-3.652	-3.904	-4.198	-4.577	-5.021	-5.464	-5.829
3851	38.50	-6.069	-6.190	-6.245	-6.303	-6.403	-6.533	-6.631	-6.612	-6.413	-6.022
3861	38.60	-5.485	-4.885	-4.297	-3.760	-3.265	-2.770	-2.237	-1.661	-1.075	-0.537
3871	38.70	-0.087	0.278	0.620	1.025	1.567	2.253	3.005	3.675	4.097	4.151
3881	38.80	3.807	3.136	2.281	1.393	0.577	-0.140	-0.799	-1.477	-2.227	-3.045
3891	38.90	-3.864	-4.575	-5.071	-5.289	-5.227	-4.944	-4.530	-4.074	-3.644	-3.279
3901	39.00	-2.993	-2.784	-2.642	-2.560	-2.431	-2.248	-1.913	-1.365	-0.587	0.381
3911	39.10	1.445	2.489	3.416	4.190	4.848	5.476	6.172	6.984	7.880	8.741
3921	39.20	9.399	9.693	9.532	8.923	7.973	6.847	5.711	4.677	3.777	2.970
3931	39.30	2.169	1.291	0.293	-0.809	-1.944	-3.003	-3.869	-4.444	-4.668	-4.531
3941	39.40	-4.072	-3.374	-2.555	-1.739	-1.039	-0.529	-0.238	-0.140	-0.196	-0.357
3951	39.50	-0.604	-0.968	-1.424	-2.060	-2.847	-3.723	-4.570	-5.246	-5.627	-5.640
3961	39.60	-5.286	-4.633	-3.789	-2.863	-1.941	-1.067	-0.255	0.497	1.192	1.823
3971	39.70	2.377	2.840	3.207	3.472	3.628	3.653	3.519	3.197	2.685	2.022
3981	39.80	1.289	0.594	0.037	-0.324	-0.490	-0.519	-0.492	-0.476	-0.483	-0.473
3991	39.90	-0.370	-0.106	0.331	0.878	1.404	1.756	1.812	1.527	0.952	0.213

Table 7-88-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.531	-1.150	-1.576	-1.816	-1.936	-2.020	-2.131	-2.285	-2.450	-2.564
4011	40.10	-2.566	-2.422	-2.136	-1.745	-1.306	-0.866	-0.447	-0.044	0.377	0.857
4021	40.20	1.429	2.103	2.859	3.654	4.433	5.142	5.744	6.225	6.591	6.857
4031	40.30	7.033	7.114	7.071	6.856	6.419	5.724	4.771	3.601	2.302	0.986
4041	40.40	-0.231	-1.260	-2.055	-2.629	-3.043	-3.384	-3.745	-4.187	-4.732	-5.353
4051	40.50	-5.992	-6.585	-7.083	-7.471	-7.768	-8.015	-8.247	-8.467	-8.639	-8.683
4061	40.60	-8.509	-8.039	-7.244	-6.157	-4.870	-3.510	-2.204	-1.044	-0.073	0.721
4071	40.70	1.382	1.962	2.489	2.958	3.324	3.524	3.497	3.216	2.699	2.018
4081	40.80	1.279	0.604	0.094	-0.195	-0.269	-0.193	-0.071	-0.011	-0.093	-0.341
4091	40.90	-0.715	-1.127	-1.467	-1.641	-1.600	-1.344	-0.922	-0.400	0.161	0.726
4101	41.00	1.291	1.870	2.478	3.111	3.739	4.315	4.790	5.132	5.363	5.460
4111	41.10	5.542	5.656	5.855	6.164	6.573	7.042	7.505	7.891	8.135	8.191
4121	41.20	8.049	7.734	7.299	6.816	6.349	5.935	5.567	5.200	4.762	4.186
4131	41.30	3.437	2.531	1.533	0.541	-0.351	-1.074	-1.610	-1.980	-2.234	-2.425
4141	41.40	-2.590	-2.751	-2.918	-3.108	-3.350	-3.680	-4.119	-4.654	-5.225	-5.734
4151	41.50	-6.074	-6.175	-6.036	-5.738	-5.416	-5.213	-5.219	-5.433	-5.753	-6.012
4161	41.60	-6.042	-5.736	-5.096	-4.235	-3.340	-2.612	-2.197	-2.150	-2.416	-2.862
4171	41.70	-3.320	-3.637	-3.717	-3.540	-3.158	-2.676	-2.222	-1.915	-1.832	-1.988
4181	41.80	-2.332	-2.754	-3.113	-3.283	-3.185	-2.817	-2.254	-1.620	-1.047	-0.624
4191	41.90	-0.367	-0.220	-0.084	0.140	0.502	0.983	1.497	1.932	2.189	2.229
4201	42.00	2.085	1.856	1.668	1.628	1.793	2.142	2.591	3.019	3.311	3.397
4211	42.10	3.276	3.022	2.753	2.597	2.636	2.875	3.227	3.537	3.634	3.395
4221	42.20	2.797	1.931	0.979	0.150	-0.394	-0.599	-0.530	-0.340	-0.200	-0.230
4231	42.30	-0.449	-0.782	-1.101	-1.290	-1.301	-1.163	-0.967	-0.802	-0.712	-0.671
4241	42.40	-0.600	-0.414	-0.075	0.361	0.852	1.219	1.396	1.372	1.216	1.037
4251	42.50	0.936	0.960	1.084	1.233	1.329	1.327	1.241	1.127	1.047	1.033
4261	42.60	1.066	1.092	1.048	0.908	0.701	0.498	0.380	0.397	0.535	0.730
4271	42.70	0.891	0.950	0.897	0.777	0.674	0.660	0.760	0.938	1.120	1.232
4281	42.80	1.245	1.195	1.164	1.246	1.490	1.872	2.298	2.635	2.774	2.668
4291	42.90	2.361	1.960	1.593	1.351	1.251	1.235	1.198	1.042	0.716	0.242
4301	43.00	-0.294	-0.783	-1.132	-1.300	-1.309	-1.227	-1.139	-1.116	-1.196	-1.383
4311	43.10	-1.659	-2.002	-2.393	-2.820	-3.267	-3.704	-4.079	-4.333	-4.408	-4.276
4321	43.20	-3.952	-3.496	-3.004	-2.580	-2.307	-2.225	-2.320	-2.527	-2.753	-2.902
4331	43.30	-2.902	-2.721	-2.370	-1.897	-1.366	-0.840	-0.363	0.041	0.367	0.614
4341	43.40	0.779	0.852	0.819	0.675	0.436	0.160	-0.158	-0.401	-0.549	-0.586
4351	43.50	-0.529	-0.404	-0.239	-0.044	0.187	0.461	0.773	1.083	1.323	1.418
4361	43.60	1.317	1.024	0.616	0.219	-0.025	-0.014	0.278	0.788	1.391	1.962
4371	43.70	2.335	2.533	2.572	2.534	2.508	2.549	2.657	2.796	2.884	2.885
4381	43.80	2.772	2.563	2.297	2.025	1.789	1.615	1.516	1.488	1.518	1.571
4391	43.90	1.600	1.542	1.344	0.975	0.453	-0.154	-0.745	-1.214	-1.489	-1.559
4401	44.00	-1.475	-1.327	-1.211	-1.191	-1.279	-1.448	-1.658	-1.888	-2.156	-2.514
4411	44.10	-3.016	-3.683	-4.468	-5.254	-5.883	-6.199	-6.109	-5.610	-4.794	-3.816
4421	44.20	-2.847	-2.017	-1.382	-0.918	-0.545	-0.160	0.321	0.938	1.680	2.494
4431	44.30	3.304	4.031	4.607	4.982	5.123	5.019	4.677	4.126	3.417	2.615
4441	44.40	1.788	0.989	0.243	-0.453	-1.126	-1.802	-2.486	-3.142	-3.699	-4.062
4451	44.50	-4.148	-3.918	-3.399	-2.685	-1.913	-1.225	-0.725	-0.455	-0.382	-0.419
4461	44.60	-0.454	-0.389	-0.171	0.199	0.669	1.158	1.563	1.884	2.040	2.074
4471	44.70	2.044	2.023	2.077	2.245	2.524	2.876	3.239	3.550	3.766	3.860
4481	44.80	3.912	3.903	3.885	3.872	3.847	3.777	3.625	3.367	3.006	2.561
4491	44.90	2.064	1.542	1.014	0.502	0.032	-0.350	-0.589	-0.642	-0.494	-0.185

Table 7-88-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.197	0.542	0.749	0.766	0.604	0.320	-0.014	-0.350	-0.684	-1.054
4511	45.10	-1.501	-2.036	-2.616	-3.147	-3.526	-3.688	-3.638	-3.455	-3.259	-3.148
4521	45.20	-3.153	-3.223	-3.243	-3.096	-2.722	-2.148	-1.483	-0.873	-0.437	-0.222
4531	45.30	-0.191	-0.244	-0.272	-0.200	-0.015	0.247	0.519	0.740	0.872	0.898
4541	45.40	0.811	0.605	0.274	-0.171	-0.688	-1.193	-1.580	-1.755	-1.676	-1.379
4551	45.50	-0.969	-0.587	-0.351	-0.315	-0.449	-0.653	-0.810	-0.831	-0.689	-0.420
4561	45.60	-0.098	0.209	0.465	0.677	0.879	1.096	1.317	1.490	1.540	1.397
4571	45.70	1.035	0.490	-0.147	-0.755	-1.227	-1.497	-1.562	-1.472	-1.310	-1.157
4581	45.80	-1.073	-1.077	-1.153	-1.267	-1.380	-1.471	-1.542	-1.618	-1.733	-1.915
4591	45.90	-2.175	-2.495	-2.834	-3.132	-3.323	-3.350	-3.172	-2.768	-2.145	-1.334
4601	46.00	-0.389	0.617	1.602	2.489	3.225	3.794	4.220	4.554	4.859	5.179
4611	46.10	5.517	5.837	6.067	6.130	5.968	5.567	4.959	4.213	3.418	2.662
4621	46.20	2.018	1.538	1.243	1.127	1.148	1.233	1.282	1.199	0.915	0.419
4631	46.30	-0.233	-0.931	-1.545	-1.978	-2.199	-2.251	-2.230	-2.236	-2.330	-2.508
4641	46.40	-2.712	-2.862	-2.904	-2.837	-2.714	-2.615	-2.601	-2.687	-2.835	-2.975
4651	46.50	-3.045	-3.016	-2.902	-2.739	-2.551	-2.334	-2.053	-1.667	-1.167	-0.601
4661	46.60	-0.063	0.340	0.536	0.527	0.395	0.264	0.244	0.385	0.651	0.948
4671	46.70	1.168	1.248	1.197	1.092	1.034	1.107	1.342	1.719	2.189	2.709
4681	46.80	3.257	3.827	4.395	4.900	5.238	5.288	4.974	4.306	3.403	2.468
4691	46.90	1.715	1.295	1.241	1.461	1.781	2.022	2.064	1.884	1.539	1.126
4701	47.00	0.721	0.358	0.019	-0.330	-0.706	-1.092	-1.439	-1.690	-1.816	-1.824
4711	47.10	-1.749	-1.632	-1.493	-1.323	-1.102	-0.828	-0.539	-0.319	-0.267	-0.460
4721	47.20	-0.903	-1.528	-2.205	-2.795	-3.200	-3.393	-3.412	-3.334	-3.221	-3.103
4731	47.30	-2.965	-2.782	-2.547	-2.292	-2.085	-1.990	-2.032	-2.172	-2.316	-2.355
4741	47.40	-2.223	-1.933	-1.577	-1.288	-1.173	-1.261	-1.477	-1.677	-1.707	-1.479
4751	47.50	-1.011	-0.424	0.107	0.433	0.489	0.322	0.066	-0.117	-0.107	0.133
4761	47.60	0.553	1.049	1.520	1.912	2.235	2.547	2.918	3.383	3.922	4.461
4771	47.70	4.901	5.151	5.165	4.952	4.569	4.095	3.605	3.152	2.751	2.392
4781	47.80	2.044	1.671	1.242	0.740	0.162	-0.478	-1.151	-1.821	-2.448	-3.004
4791	47.90	-3.475	-3.861	-4.172	-4.418	-4.594	-4.679	-4.638	-4.436	-4.051	-3.493
4801	48.00	-2.803	-2.051	-1.320	-0.683	-0.195	0.123	0.274	0.288	0.206	0.079
4811	48.10	-0.037	-0.088	-0.019	0.206	0.602	1.153	1.807	2.492	3.128	3.649
4821	48.20	4.018	4.232	4.316	4.305	4.228	4.094	3.891	3.590	3.167	2.610
4831	48.30	1.931	1.167	0.366	-0.421	-1.154	-1.802	-2.348	-2.780	-3.087	-3.259
4841	48.40	-3.291	-3.191	-2.989	-2.739	-2.512	-2.387	-2.427	-2.659	-3.061	-3.558
4851	48.50	-4.034	-4.360	-4.431	-4.195	-3.675	-2.970	-2.220	-1.571	-1.116	-0.868
4861	48.60	-0.750	-0.626	-0.352	0.158	0.897	1.755	2.555	3.121	3.345	3.232
4871	48.70	2.906	2.560	2.391	2.522	2.963	3.610	4.291	4.826	5.085	5.020
4881	48.80	4.658	4.068	3.330	2.508	1.646	0.782	-0.039	-0.764	-1.344	-1.763
4891	48.90	-2.044	-2.251	-2.458	-2.706	-2.979	-3.204	-3.284	-3.154	-2.820	-2.371
4901	49.00	-1.943	-1.649	-1.521	-1.484	-1.388	-1.093	-0.554	0.124	0.716	0.964
4911	49.10	0.716	0.024	-0.833	-1.438	-1.389	-0.478	1.199	3.258	5.144	6.336
4921	49.20	6.529	5.739	4.277	2.621	1.236	0.421	0.245	0.567	1.138	1.705
4931	49.30	2.088	2.191	1.982	1.456	0.621	-0.481	-1.741	-2.974	-3.951	-4.477
4941	49.40	-4.484	-4.081	-3.531	-3.143	-3.127	-3.468	-3.905	-4.013	-3.389	-1.845
4951	49.50	0.466	3.064	5.296	6.570	6.581	5.420	3.531	1.536	-0.003	-0.780
4961	49.60	-0.820	-0.414	0.050	0.271	0.153	-0.180	-0.485	-0.542	-0.285	0.162
4971	49.70	0.531	0.535	-0.004	-1.078	-2.485	-3.907	-5.020	-5.592	-5.533	-4.888
4981	49.80	-3.785	-2.379	-0.813	0.792	2.313	3.603	4.491	4.805	4.430	3.362
4991	49.90	1.744	-0.146	-1.948	-3.301	-3.941	-3.756	-2.812	-1.322	0.429	2.154

Table 7-88-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	3.639	4.772	5.530	5.938	6.015	5.735	5.019	3.770	1.923	-0.486
5011	50.10	-3.294	-6.209	-8.860	-10.881	-11.592	-12.062	-11.140	-9.432	-7.260	-4.986
5021	50.20	-2.952	-1.412	-0.496	-0.188	-0.326	-0.638	-0.801	-0.525	0.363	1.858
5031	50.30	3.772	5.784	7.547	8.812	9.514	9.798	9.950	10.268	10.920	11.851
5041	50.40	12.773	13.268	12.938	11.568	9.218	6.216	3.053	0.223	-1.917	-3.234
5051	50.50	-3.800	-3.814	-3.495	-2.999	-2.405	-1.749	-1.093	-0.572	-0.390	-0.768
5061	50.60	-1.850	-3.630	-5.923	-8.410	-10.716	-12.520	-13.618	-13.950	-13.557	-12.525
5071	50.70	-10.932	-8.831	-6.270	-3.343	-0.225	2.832	5.518	7.553	8.751	9.065
5081	50.80	8.590	7.518	6.088	4.523	3.007	1.671	0.611	-0.112	-0.471	-0.487
5091	50.90	-0.246	0.113	0.427	0.557	0.435	0.090	-0.371	-0.815	-1.143	-1.343
5101	51.00	-1.588	-1.703	-2.094	-2.687	-3.405	-4.086	-4.551	-4.673	-4.435	-3.923
5111	51.10	-3.291	-2.695	-2.232	-1.923	-1.734	-1.622	-1.579	-1.645	-1.881	-2.318
5121	51.20	-2.908	-3.505	-3.897	-3.870	-3.286	-2.135	-0.543	1.273	3.067	4.630
5131	51.30	5.822	6.577	6.869	6.690	6.037	4.926	3.419	1.645	-0.201	-1.892
5141	51.40	-3.221	-4.049	-4.340	-4.150	-3.602	-2.843	-2.006	-1.198	-0.496	0.042
5151	51.50	0.373	0.476	0.363	0.089	-0.257	-0.574	-0.772	-0.799	-0.643	-0.322
5161	51.60	0.141	0.737	1.462	2.302	3.195	4.017	4.589	4.721	4.275	3.232
5171	51.70	1.716	-0.019	-1.663	-2.836	-3.364	-3.133	-2.195	-0.722	1.043	2.839
5181	51.80	4.439	5.677	6.474	6.838	6.858	6.672	6.431	6.247	6.149	6.074
5191	51.90	5.884	5.433	4.644	3.577	2.453	1.610	1.412	2.125	3.808	6.266
5201	52.00	9.073	11.675	13.530	14.246	13.668	11.902	9.267	6.196	3.130	0.426
5211	52.10	-1.692	-3.147	-3.984	-4.340	-4.411	-4.416	-4.582	-5.114	-6.167	-7.821
5221	52.20	-10.050	-12.725	-15.623	-18.471	-20.988	-22.936	-24.141	-24.496	-23.954	-22.507
5231	52.30	-20.188	-17.085	-13.374	-9.334	-5.341	-1.815	0.866	2.468	2.969	2.579
5241	52.40	1.679	0.714	0.068	-0.028	0.474	1.484	2.857	4.482	6.328	8.427
5251	52.50	10.805	13.405	16.031	18.362	20.017	20.665	20.110	18.348	15.556	12.039
5261	52.60	8.164	4.302	0.798	-2.038	-3.949	-4.762	-4.445	-3.140	-1.176	1.003
5271	52.70	2.944	4.331	5.080	5.352	5.463	5.734	6.320	7.120	7.796	7.907
5281	52.80	7.092	5.235	2.530	-0.585	-3.587	-6.064	-7.856	-9.088	-10.086	-11.220
5291	52.90	-12.737	-14.660	-16.785	-18.759	-20.210	-20.861	-20.594	-19.457	-17.614	-15.291
5301	53.00	-12.726	-10.143	-7.740	-5.675	-4.049	-2.875	-2.066	-1.448	-0.804	0.052
5311	53.10	1.202	2.593	4.042	5.307	6.176	6.551	6.489	6.189	5.923	5.945
5321	53.20	6.413	7.341	8.607	10.004	11.305	12.335	13.009	13.333	13.380	13.242
5331	53.30	12.983	12.604	12.043	11.190	9.936	8.224	6.094	3.703	1.316	-0.740
5341	53.40	-2.145	-2.659	-2.183	-0.790	1.285	3.694	6.035	7.938	9.122	9.442
5351	53.50	8.894	7.601	5.773	3.652	1.463	-0.631	-2.545	-4.273	-5.864	-7.387
5361	53.60	-8.893	-10.396	-11.863	-13.235	-14.452	-15.484	-16.342	-17.071	-17.728	-18.348
5371	53.70	-18.909	-19.328	-19.467	-19.168	-18.297	-16.781	-14.640	-11.983	-8.991	-5.883
5381	53.80	-2.871	-0.122	2.270	4.294	6.011	7.521	8.924	10.271	11.537	12.612
5391	53.90	13.323	13.495	13.014	11.889	10.278	8.464	6.786	5.533	4.848	4.670
5401	54.00	4.749	4.724	4.252	3.134	1.401	-0.682	-2.704	-4.241	-5.003	-4.931
5411	54.10	-4.213	-3.206	-2.307	-1.815	-1.837	-2.272	-2.869	-3.329	-3.405	-2.975
5421	54.20	-2.044	-0.726	0.824	2.450	4.012	5.395	6.498	7.244	7.600	7.603
5431	54.30	7.369	7.068	6.864	6.838	6.936	6.972	6.691	5.877	4.463	2.590
5441	54.40	0.584	-1.153	-2.277	-2.629	-2.285	-1.511	-0.648	0.023	0.382	0.486
5451	54.50	0.519	0.674	1.059	1.642	2.271	2.744	2.896	2.661	2.082	1.272
5461	54.60	0.359	-0.570	-1.485	-2.395	-3.314	-4.226	-5.079	-5.790	-6.273	-6.463
5471	54.70	-6.315	-5.808	-4.926	-3.665	-2.049	-0.152	1.885	3.861	5.557	6.792
5481	54.80	7.473	7.621	7.357	6.841	6.214	5.543	4.812	3.949	2.878	1.569
5491	54.90	0.060	-1.555	-3.166	-4.690	-6.093	-7.391	-8.617	-9.778	-10.836	-11.709

Table 7-88-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-12.299	-12.537	-12.414	-11.989	-11.361	-10.630	-9.844	-8.984	-7.963	-6.676
5511	55.10	-5.048	-3.087	-0.903	1.311	3.322	4.928	6.006	6.547	6.640	6.432
5521	55.20	6.072	5.663	5.242	4.797	4.304	3.775	3.285	2.961	2.941	3.306
5531	55.30	4.031	4.966	5.866	6.458	6.531	5.994	4.901	3.419	1.767	0.140
5541	55.40	-1.332	-2.590	-3.617	-4.394	-4.867	-4.948	-4.543	-3.602	-2.152	-0.308
5551	55.50	1.753	3.836	5.770	7.437	8.770	9.729	10.283	10.405	10.077	9.322
5561	55.60	8.218	6.892	5.490	4.131	2.862	1.647	0.384	-1.040	-2.688	-4.534
5571	55.70	-6.456	-8.272	-9.800	-10.921	-11.616	-11.964	-12.109	-12.194	-12.311	-12.458
5581	55.80	-12.539	-12.389	-11.835	-10.748	-9.102	-6.995	-4.637	-2.309	-0.288	1.230
5591	55.90	2.188	2.688	2.964	3.302	3.945	5.005	6.415	7.942	9.255	10.027
5601	56.00	10.035	9.225	7.725	5.799	3.772	1.938	0.501	-0.457	-0.970	-1.146
5611	56.10	-1.129	-1.050	-1.006	-1.043	-1.164	-1.343	-1.538	-1.717	-1.869	-2.016
5621	56.20	-2.197	-2.462	-2.839	-3.315	-3.829	-4.281	-4.562	-4.596	-4.372	-3.952
5631	56.30	-3.453	-3.005	-2.698	-2.542	-2.457	-2.297	-1.909	-1.185	-0.115	1.210
5641	56.40	2.626	3.953	5.053	5.872	6.443	6.856	7.206	7.542	7.850	8.055
5651	56.50	8.066	7.822	7.327	6.655	5.926	5.256	4.719	4.319	3.998	3.676
5661	56.60	3.291	2.832	2.349	1.935	1.683	1.656	1.856	2.229	2.680	3.100
5671	56.70	3.387	3.457	3.242	2.689	1.760	0.441	-1.242	-3.208	-5.317	-7.387
5681	56.80	-9.217	-10.630	-11.498	-11.770	-11.470	-10.686	-9.543	-8.150	-6.719	-5.254
5691	56.90	-3.838	-2.497	-1.237	-0.061	1.011	1.942	2.683	3.187	3.430	3.421
5701	57.00	3.200	2.819	2.324	1.732	1.033	0.206	-0.751	-1.797	-2.838	-3.745
5711	57.10	-4.387	-4.677	-4.588	-4.161	-3.471	-2.599	-1.601	-0.507	0.655	1.829
5721	57.20	2.912	3.764	4.253	4.308	3.962	3.362	2.726	2.277	2.168	2.438
5731	57.30	3.017	3.774	4.572	5.332	6.036	6.712	7.377	7.998	8.471	8.648
5741	57.40	8.386	7.594	6.273	4.506	2.433	0.206	-2.042	-4.206	-6.200	-7.946
5751	57.50	-9.362	-10.384	-10.983	-11.200	-11.141	-10.960	-10.809	-10.787	-10.908	-11.097
5761	57.60	-11.222	-11.146	-10.772	-10.066	-9.047	-7.760	-6.238	-4.479	-2.455	-0.141
5771	57.70	2.439	5.184	7.908	10.369	12.318	13.561	14.001	13.659	12.657	11.186
5781	57.80	9.449	7.631	5.866	4.243	2.809	1.598	0.636	-0.050	-0.441	-0.537
5791	57.90	-0.364	0.018	0.523	1.050	1.496	1.771	1.804	1.553	1.009	0.207
5801	58.00	-0.775	-1.821	-2.790	-3.549	-4.006	-4.136	-3.991	-3.688	-3.367	-3.150
5811	58.10	-3.093	-3.175	-3.299	-3.334	-3.161	-2.707	-1.971	-1.015	0.059	1.143
5821	58.20	2.142	2.989	3.641	4.078	4.293	4.300	4.140	3.836	3.633	3.484
5831	58.30	3.518	3.767	4.206	4.755	5.307	5.753	6.017	6.067	5.909	5.577
5841	58.40	5.106	4.518	3.813	2.972	1.971	0.795	-0.547	-2.015	-3.533	-4.998
5851	58.50	-6.296	-7.319	-7.993	-8.293	-8.255	-7.968	-7.544	-7.091	-6.673	-6.296
5861	58.60	-5.912	-5.437	-4.796	-3.953	-2.929	-1.801	-0.675	0.349	1.199	1.845
5871	58.70	2.282	2.509	2.503	2.214	1.577	0.547	-0.868	-2.578	-4.416	-6.164
5881	58.80	-7.606	-8.579	-9.017	-8.957	-8.522	-7.870	-7.152	-6.460	-5.816	-5.175
5891	58.90	-4.460	-3.598	-2.553	-1.346	-0.050	1.227	2.374	3.304	3.976	4.403
5901	59.00	4.646	4.804	4.985	5.288	5.779	6.472	7.325	8.250	9.124	9.824
5911	59.10	10.251	10.362	10.174	9.759	9.220	8.652	8.113	7.603	7.065	6.412
5921	59.20	5.558	4.456	3.121	1.632	0.107	-1.330	-2.584	-3.618	-4.451	-5.143
5931	59.30	-5.760	-6.337	-6.860	-7.259	-7.430	-7.267	-6.701	-5.729	-4.422	-2.915
5941	59.40	-1.375	0.034	1.187	2.021	2.535	2.775	2.815	2.724	2.564	2.286
5951	59.50	1.930	1.444	0.805	0.019	-0.865	-1.759	-2.545	-3.110	-3.368	-3.294
5961	59.60	-2.929	-2.380	-1.786	-1.281	-0.954	-0.823	-0.828	-0.863	-0.812	-0.599
5971	59.70	-0.219	0.258	0.717	1.035	1.137	1.016	0.735	0.400	0.110	-0.075
5981	59.80	-0.154	-0.171	-0.186	-0.237	-0.321	-0.397	-0.405	-0.303	-0.084	0.220
5991	59.90	0.560	0.897	1.230	1.593	2.041	2.607	3.278	3.979	4.589	4.977

Table 7-88-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	5.041	4.747	4.129	3.280	2.317	1.353	0.470	-0.285	-0.896	-1.365
6011	60.10	-1.706	-1.933	-2.062	-2.101	-2.046	-1.881	-1.583	-1.136	-0.553	0.112
6021	60.20	0.757	1.260	1.515	1.470	1.154	0.671	0.160	-0.259	-0.528	-0.673
6031	60.30	-0.783	-0.958	-1.255	-1.657	-2.078	-2.399	-2.530	-2.455	-2.237	-1.996
6041	60.40	-1.854	-1.878	-2.060	-2.318	-2.544	-2.642	-2.569	-2.340	-2.007	-1.634
6051	60.50	-1.271	-0.955	-0.718	-0.599	-0.646	-0.901	-1.364	-1.975	-2.611	-3.117
6061	60.60	-3.357	-3.265	-2.874	-2.301	-1.697	-1.185	-0.814	-0.543	-0.277	0.083
6071	60.70	0.586	1.202	1.841	2.395	2.787	3.005	3.098	3.143	3.200	3.278
6081	60.80	3.332	3.282	3.059	2.640	2.058	1.393	0.734	0.146	-0.345	-0.747
6091	60.90	-1.081	-1.348	-1.523	-1.552	-1.380	-0.975	-0.346	0.456	1.355	2.279
6101	61.00	3.174	4.013	4.784	5.476	6.061	6.489	6.704	6.658	6.335	5.760
6111	61.10	5.002	4.155	3.317	2.569	1.957	1.485	1.117	0.790	0.435	-0.007
6121	61.20	-0.557	-1.199	-1.874	-2.501	-3.007	-3.348	-3.535	-3.625	-3.704	-3.854
6131	61.30	-4.123	-4.511	-4.977	-5.469	-5.957	-6.450	-6.998	-7.659	-8.462	-9.364
6141	61.40	-10.247	-10.931	-11.228	-10.998	-10.187	-8.847	-7.113	-5.158	-3.151	-1.219
6151	61.50	0.562	2.157	3.555	4.748	5.723	6.469	6.977	7.243	7.267	7.063
6161	61.60	6.565	5.833	4.878	3.779	2.668	1.716	1.088	0.891	1.136	1.728
6171	61.70	2.490	3.223	3.770	4.061	4.128	4.069	3.993	3.969	3.989	3.975
6181	61.80	3.819	3.432	2.785	1.927	0.967	0.033	-0.766	-1.375	-1.798	-2.087
6191	61.90	-2.309	-2.523	-2.755	-2.996	-3.207	-3.334	-3.325	-3.152	-2.824	-2.388
6201	62.00	-1.929	-1.544	-1.320	-1.302	-1.476	-1.768	-2.068	-2.270	-2.303	-2.164
6211	62.10	-1.910	-1.631	-1.410	-1.286	-1.238	-1.196	-1.073	-0.807	-0.384	0.159
6221	62.20	0.751	1.320	1.818	2.236	2.595	2.930	3.267	3.619	3.985	4.357
6231	62.30	4.728	5.084	5.399	5.628	5.705	5.570	5.189	4.580	3.824	3.041
6241	62.40	2.358	1.859	1.564	1.419	1.328	1.196	0.970	0.656	0.314	0.023
6251	62.50	-0.152	-0.188	-0.108	0.033	0.172	0.256	0.253	0.146	-0.072	-0.396
6261	62.60	-0.808	-1.265	-1.706	-2.061	-2.281	-2.367	-2.380	-2.427	-2.622	-3.031
6271	62.70	-3.633	-4.316	-4.909	-5.207	-5.123	-4.643	-3.869	-2.975	-2.142	-1.498
6281	62.80	-1.092	-0.899	-0.858	-0.916	-1.059	-1.313	-1.725	-2.318	-3.064	-3.879
6291	62.90	-4.632	-5.192	-5.457	-5.388	-5.014	-4.419	-3.708	-2.979	-2.292	-1.667
6301	63.00	-1.082	-0.498	0.117	0.761	1.393	1.935	2.300	2.429	2.319	2.042
6311	63.10	1.729	1.532	1.570	1.886	2.427	3.062	3.629	3.995	4.100	3.978
6321	63.20	3.732	3.487	3.361	3.333	3.439	3.601	3.759	3.881	3.969	4.041
6331	63.30	4.102	4.126	4.049	3.791	3.290	2.532	1.565	0.491	-0.562	-1.473
6341	63.40	-2.160	-2.589	-2.772	-2.750	-2.581	-2.325	-2.034	-1.750	-1.501	-1.297
6351	63.50	-1.128	-0.965	-0.776	-0.526	-0.208	0.168	0.577	0.986	1.369	1.716
6361	63.60	2.029	2.308	2.546	2.718	2.789	2.727	2.521	2.186	1.767	1.315
6371	63.70	0.875	0.464	0.072	-0.332	-0.785	-1.310	-1.913	-2.583	-3.301	-4.048
6381	63.80	-4.800	-5.528	-6.180	-6.686	-6.966	-6.956	-6.633	-6.036	-5.265	-4.449
6391	63.90	-3.712	-3.123	-2.679	-2.309	-1.910	-1.394	-0.734	0.023	0.773	1.393
6401	64.00	1.791	1.945	1.905	1.776	1.667	1.658	1.768	1.961	2.168	2.320
6411	64.10	2.378	2.342	2.245	2.132	2.040	1.989	1.979	1.996	2.024	2.048
6421	64.20	2.049	2.009	1.902	1.712	1.437	1.100	0.752	0.456	0.269	0.219
6431	64.30	0.299	0.467	0.667	0.852	1.002	1.124	1.242	1.377	1.527	1.666
6441	64.40	1.768	1.727	1.574	1.286	0.883	0.404	-0.109	-0.613	-1.068	-1.430
6451	64.50	-1.659	-1.724	-1.614	-1.353	-0.994	-0.604	-0.246	0.051	0.297	0.529
6461	64.60	0.791	1.100	1.429	1.717	1.885	1.880	1.694	1.377	1.012	0.683
6471	64.70	0.446	0.305	0.225	0.151	0.038	-0.133	-0.352	-0.601	-0.864	-1.146
6481	64.80	-1.461	-1.820	-2.216	-2.623	-2.998	-3.312	-3.561	-3.771	-3.981	-4.219
6491	64.90	-4.472	-4.684	-4.770	-4.658	-4.320	-3.803	-3.208	-2.656	-2.238	-1.968

Table 7-88-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-1.778	-1.543	-1.126	-0.443	0.510	1.646	2.821	3.883	4.716	5.275
6511	65.10	5.583	5.705	5.720	5.685	5.620	5.510	5.317	5.006	4.559	3.985
6521	65.20	3.322	2.624	1.956	1.377	0.929	0.628	0.461	0.379	0.315	0.187
6531	65.30	-0.080	-0.534	-1.188	-2.008	-2.924	-3.839	-4.655	-5.290	-5.703	-5.892
6541	65.40	-5.901	-5.798	-5.652	-5.516	-5.403	-5.288	-5.115	-4.820	-4.356	-3.721
6551	65.50	-2.960	-2.160	-1.422	-0.835	-0.440	-0.223	-0.116	-0.024	0.149	0.460
6561	65.60	0.919	1.488	2.096	2.668	3.146	3.507	3.758	3.926	4.046	4.144
6571	65.70	4.238	4.333	4.431	4.533	4.637	4.736	4.816	4.858	4.844	4.767
6581	65.80	4.637	4.478	4.312	4.151	3.979	3.759	3.445	3.011	2.467	1.867
6591	65.90	1.290	0.811	0.467	0.241	0.067	-0.135	-0.421	-0.793	-1.195	-1.545
6601	66.00	-1.779	-1.890	-1.941	-2.039	-2.286	-2.723	-3.303	-3.899	-4.357	-4.558
6611	66.10	-4.471	-4.164	-3.775	-3.451	-3.288	-3.299	-3.419	-3.547	-3.602	-3.554
6621	66.20	-3.437	-3.317	-3.257	-3.282	-3.370	-3.468	-3.517	-3.473	-3.321	-3.052
6631	66.30	-2.656	-2.113	-1.402	-0.523	0.476	1.500	2.428	3.159	3.654	3.953
6641	66.40	4.163	4.405	4.757	5.213	5.685	6.039	6.156	5.989	5.580	5.036
6651	66.50	4.481	3.996	3.590	3.208	2.770	2.222	1.564	0.855	0.178	-0.393
6661	66.60	-0.831	-1.155	-1.411	-1.639	-1.853	-2.040	-2.185	-2.290	-2.397	-2.568
6671	66.70	-2.858	-3.273	-3.751	-4.180	-4.437	-4.441	-4.185	-3.739	-3.211	-2.695
6681	66.80	-2.228	-1.778	-1.278	-0.674	0.025	0.734	1.315	1.638	1.639	1.347
6691	66.90	0.877	0.376	-0.036	-0.311	-0.478	-0.606	-0.759	-0.950	-1.139	-1.260
6701	67.00	-1.268	-1.175	-1.053	-1.001	-1.087	-1.303	-1.556	-1.696	-1.587	-1.170
6711	67.10	-0.493	0.298	1.020	1.521	1.736	1.696	1.497	1.245	1.006	0.781
6721	67.20	0.530	0.208	-0.194	-0.629	-1.009	-1.239	-1.258	-1.056	-0.670	-0.154
6731	67.30	0.445	1.104	1.809	2.536	3.229	3.797	4.143	4.203	3.980	3.556
6741	67.40	3.061	2.632	2.359	2.261	2.292	2.374	2.447	2.491	2.527	2.591
6751	67.50	2.694	2.804	2.852	2.766	2.512	2.117	1.660	1.240	0.923	0.711
6761	67.60	0.543	0.330	0.003	-0.445	-0.951	-1.418	-1.760	-1.946	-2.019	-2.068
6771	67.70	-2.178	-2.384	-2.650	-2.880	-2.975	-2.873	-2.591	-2.210	-1.845	-1.587
6781	67.80	-1.475	-1.484	-1.550	-1.613	-1.643	-1.654	-1.686	-1.774	-1.926	-2.113
6791	67.90	-2.284	-2.388	-2.394	-2.295	-2.099	-1.814	-1.442	-0.980	-0.445	0.118
6801	68.00	0.636	1.029	1.242	1.282	1.219	1.174	1.268	1.576	2.097	2.751
6811	68.10	3.417	3.975	4.368	4.521	4.526	4.414	4.226	3.978	3.667	3.286
6821	68.20	2.848	2.383	1.932	1.525	1.168	0.836	0.495	0.118	-0.294	-0.715
6831	68.30	-1.107	-1.441	-1.721	-1.977	-2.251	-2.576	-2.949	-3.336	-3.685	-3.956
6841	68.40	-4.136	-4.252	-4.345	-4.454	-4.578	-4.681	-4.694	-4.554	-4.230	-3.749
6851	68.50	-3.186	-2.648	-2.235	-2.013	-2.000	-2.164	-2.446	-2.778	-3.096	-3.354
6861	68.60	-3.517	-3.559	-3.467	-3.233	-2.865	-2.389	-1.844	-1.283	-0.752	-0.290
6871	68.70	0.087	0.380	0.608	0.790	0.941	1.062	1.142	1.162	1.112	1.001
6881	68.80	0.866	0.765	0.765	0.916	1.229	1.672	2.170	2.632	2.979	3.173
6891	68.90	3.229	3.202	3.168	3.188	3.292	3.472	3.691	3.904	4.080	4.205
6901	69.00	4.284	4.326	4.339	4.321	4.270	4.191	4.098	4.010	3.942	3.887
6911	69.10	3.819	3.700	3.500	3.215	2.878	2.542	2.260	2.055	1.905	1.752
6921	69.20	1.522	1.159	0.652	0.033	-0.636	-1.293	-1.901	-2.456	-2.975	-3.476
6931	69.30	-3.952	-4.373	-4.695	-4.886	-4.944	-4.896	-4.786	-4.647	-4.478	-4.242
6941	69.40	-3.884	-3.367	-2.698	-1.938	-1.184	-0.535	-0.056	0.240	0.391	0.456
6951	69.50	0.485	0.499	0.491	0.449	0.383	0.336	0.380	0.587	0.992	1.571
6961	69.60	2.241	2.885	3.394	3.703	3.804	3.736	3.558	3.312	3.008	2.624
6971	69.70	2.127	1.501	0.766	-0.019	-0.773	-1.414	-1.886	-2.166	-2.265	-2.219
6981	69.80	-2.071	-1.868	-1.652	-1.460	-1.318	-1.241	-1.219	-1.220	-1.196	-1.102
6991	69.90	-0.916	-0.654	-0.372	-0.149	-0.055	-0.119	-0.319	-0.580	-0.808	-0.925

Table 7-88-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.901	-0.766	-0.594	-0.469	-0.442	-0.516	-0.637	-0.728	-0.726	-0.611
7011	70.10	-0.420	-0.224	-0.095	-0.069	-0.127	-0.205	-0.230	-0.158	-0.004	0.165
7021	70.20	0.258	0.203	-0.012	-0.333	-0.662	-0.897	-0.981	-0.918	-0.771	-0.621
7031	70.30	-0.532	-0.514	-0.534	-0.536	-0.481	-0.371	-0.251	-0.181	-0.198	-0.293
7041	70.40	-0.405	-0.454	-0.378	-0.168	0.129	0.432	0.673	0.831	0.942	1.079
7051	70.50	1.307	1.645	2.049	2.431	2.707	2.836	2.848	2.829	2.874	3.043
7061	70.60	3.325	3.641	3.883	3.965	3.856	3.588	3.231	2.850	2.473	2.079
7071	70.70	1.625	1.071	0.420	-0.287	-0.983	-1.612	-2.159	-2.649	-3.133	-3.648
7081	70.80	-4.196	-4.737	-5.208	-5.559	-5.774	-5.879	-5.917	-5.919	-5.880	-5.764
7091	70.90	-5.525	-5.147	-4.668	-4.177	-3.774	-3.529	-3.441	-3.434	-3.391	-3.216
7101	71.00	-2.871	-2.415	-1.958	-1.620	-1.462	-1.456	-1.488	-1.408	-1.091	-0.487
7111	71.10	0.362	1.365	2.327	3.192	3.875	4.357	4.668	4.769	4.740	4.587
7121	71.20	4.349	4.084	3.860	3.723	3.681	3.688	3.663	3.528	3.250	2.868
7131	71.30	2.487	2.241	2.236	2.507	2.997	3.581	4.109	4.466	4.606	4.553
7141	71.40	4.380	4.162	3.943	3.723	3.464	3.125	2.685	2.158	1.585	1.019
7151	71.50	0.500	0.042	-0.360	-0.720	-1.041	-1.310	-1.499	-1.578	-1.536	-1.385
7161	71.60	-1.163	-0.922	-0.712	-0.572	-0.524	-0.574	-0.720	-0.954	-1.262	-1.626
7171	71.70	-2.021	-2.415	-2.782	-3.104	-3.376	-3.604	-3.796	-3.951	-4.060	-4.105
7181	71.80	-4.074	-3.972	-3.823	-3.667	-3.539	-3.450	-3.379	-3.277	-3.085	-2.768
7191	71.90	-2.331	-1.823	-1.322	-0.902	-0.603	-0.413	-0.278	-0.129	0.089	0.389
7201	72.00	0.744	1.102	1.416	1.663	1.853	2.012	2.161	2.296	2.392	2.414
7211	72.10	2.347	2.210	2.062	1.972	1.985	2.097	2.245	2.330	2.261	1.995
7221	72.20	1.558	1.043	0.562	0.212	0.028	-0.018	-0.005	-0.021	-0.129	-0.352
7231	72.30	-0.671	-1.045	-1.433	-1.805	-2.139	-2.418	-2.621	-2.726	-2.719	-2.610
7241	72.40	-2.433	-2.235	-2.052	-1.888	-1.708	-1.452	-1.069	-0.546	0.064	0.662
7251	72.50	1.129	1.375	1.375	1.172	0.860	0.535	0.261	0.045	-0.147	-0.362
7261	72.60	-0.619	-0.888	-1.098	-1.163	-1.027	-0.688	-0.204	0.330	0.818	1.195
7271	72.70	1.447	1.605	1.719	1.831	1.957	2.085	2.186	2.230	2.207	2.125
7281	72.80	2.009	1.885	1.772	1.672	1.572	1.454	1.301	1.101	0.857	0.577
7291	72.90	0.281	-0.007	-0.263	-0.462	-0.586	-0.625	-0.581	-0.470	-0.317	-0.147
7301	73.00	0.014	0.154	0.271	0.375	0.481	0.605	0.753	0.919	1.088	1.242
7311	73.10	1.364	1.450	1.508	1.555	1.607	1.669	1.732	1.772	1.767	1.704
7321	73.20	1.596	1.474	1.375	1.324	1.316	1.313	1.253	1.084	0.783	0.376
7331	73.30	-0.071	-0.479	-0.787	-0.979	-1.090	-1.184	-1.324	-1.534	-1.787	-2.015
7341	73.40	-2.140	-2.107	-1.913	-1.605	-1.265	-0.972	-0.781	-0.705	-0.726	-0.811
7351	73.50	-0.931	-1.065	-1.204	-1.332	-1.428	-1.462	-1.409	-1.259	-1.031	-0.762
7361	73.60	-0.494	-0.258	-0.065	0.091	0.220	0.320	0.368	0.332	0.185	-0.072
7371	73.70	-0.400	-0.734	-1.000	-1.149	-1.165	-1.076	-0.933	-0.786	-0.669	-0.593
7381	73.80	-0.555	-0.555	-0.608	-0.735	-0.955	-1.264	-1.626	-1.979	-2.255	-2.412
7391	73.90	-2.446	-2.399	-2.338	-2.325	-2.390	-2.525	-2.684	-2.811	-2.864	-2.827
7401	74.00	-2.714	-2.547	-2.346	-2.111	-1.822	-1.455	-0.996	-0.452	0.144	0.747
7411	74.10	1.312	1.811	2.239	2.604	2.919	3.189	3.401	3.530	3.547	3.432
7421	74.20	3.186	2.834	2.423	2.006	1.632	1.332	1.116	0.970	0.864	0.763
7431	74.30	0.634	0.455	0.217	-0.076	-0.411	-0.768	-1.121	-1.436	-1.679	-1.814
7441	74.40	-1.816	-1.678	-1.419	-1.081	-0.719	-0.387	-0.117	0.090	0.262	0.445
7451	74.50	0.684	1.001	1.388	1.809	2.215	2.558	2.809	2.965	3.042	3.074
7461	74.60	3.093	3.129	3.203	3.321	3.475	3.638	3.765	3.802	3.697	3.418
7471	74.70	2.970	2.399	1.781	1.202	0.726	0.381	0.153	-0.000	-0.126	-0.250
7481	74.80	-0.371	-0.466	-0.511	-0.497	-0.449	-0.412	-0.436	-0.552	-0.755	-1.009
7491	74.90	-1.263	-1.480	-1.647	-1.782	-1.921	-2.093	-2.304	-2.528	-2.722	-2.836

Table 7-88-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-2.842	-2.734	-2.534	-2.271	-1.975	-1.667	-1.355	-1.045	-0.744	-0.460
7511	75.10	-0.200	0.040	0.264	0.478	0.672	0.816	0.862	0.761	0.492	0.077
7521	75.20	-0.411	-0.869	-1.200	-1.347	-1.317	-1.178	-1.019	-0.920	-0.906	-0.948
7531	75.30	-0.974	-0.915	-0.734	-0.453	-0.133	0.149	0.346	0.455	0.521	0.610
7541	75.40	0.767	0.999	1.264	1.495	1.629	1.638	1.535	1.362	1.165	0.971
7551	75.50	0.779	0.573	0.338	0.084	-0.151	-0.321	-0.389	-0.358	-0.272	-0.205
7561	75.60	-0.232	-0.397	-0.705	-1.121	-1.594	-2.077	-2.544	-2.982	-3.380	-3.708
7571	75.70	-3.916	-3.944	-3.749	-3.329	-2.731	-2.042	-1.358	-0.749	-0.240	0.187
7581	75.80	0.569	0.933	1.269	1.537	1.677	1.651	1.457	1.142	0.782	0.451
7591	75.90	0.195	0.018	-0.103	-0.198	-0.283	-0.346	-0.361	-0.313	-0.218	-0.125
7601	76.00	-0.104	-0.209	-0.446	-0.763	-1.062	-1.236	-1.217	-1.002	-0.660	-0.302
7611	76.10	-0.041	0.054	-0.021	-0.213	-0.633	-0.595	-0.640	-0.545	-0.316	0.027
7621	76.20	0.462	0.971	1.529	2.100	2.633	3.070	3.363	3.490	3.462	3.319
7631	76.30	3.112	2.884	2.659	2.443	2.234	2.035	1.870	1.775	1.787	1.926
7641	76.40	2.182	2.518	2.874	3.195	3.445	3.616	3.720	3.780	3.812	3.817
7651	76.50	3.782	3.689	3.528	3.301	3.022	2.709	2.375	2.020	1.639	1.225
7661	76.60	0.781	0.324	-0.120	-0.522	-0.864	-1.145	-1.383	-1.603	-1.828	-2.066
7671	76.70	-2.309	-2.554	-2.718	-2.842	-2.900	-2.903	-2.867	-2.815	-2.765	-2.737
7681	76.80	-2.743	-2.793	-2.889	-3.026	-3.181	-3.323	-3.414	-3.423	-3.334	-3.158
7691	76.90	-2.921	-2.664	-2.419	-2.204	-2.016	-1.839	-1.656	-1.459	-1.258	-1.076
7701	77.00	-0.941	-0.873	-0.876	-0.940	-1.051	-1.198	-1.377	-1.589	-1.829	-2.074
7711	77.10	-2.282	-2.397	-2.374	-2.189	-1.861	-1.439	-0.991	-0.570	-0.198	0.139
7721	77.20	0.478	0.851	1.257	1.655	1.971	2.132	2.100	1.894	1.590	1.295
7731	77.30	1.107	1.077	1.193	1.396	1.607	1.764	1.851	1.890	1.927	1.997
7741	77.40	2.101	2.202	2.244	2.180	1.995	1.713	1.383	1.076	0.810	0.589
7751	77.50	0.387	0.172	-0.066	-0.314	-0.535	-0.695	-0.785	-0.827	-0.870	-0.963
7761	77.60	-1.131	-1.357	-1.592	-1.774	-1.859	-1.844	-1.762	-1.663	-1.588	-1.543
7771	77.70	-1.495	-1.391	-1.186	-0.872	-0.487	-0.100	0.222	0.442	0.572	0.665
7781	77.80	0.786	0.982	1.250	1.543	1.788	1.919	1.906	1.767	1.555	1.332
7791	77.90	1.139	0.984	0.840	0.670	0.449	0.181	-0.102	-0.351	-0.529	-0.623
7801	78.00	-0.652	-0.654	-0.669	-0.720	-0.805	-0.896	-0.960	-0.967	-0.905	-0.782
7811	78.10	-0.617	-0.431	-0.242	-0.063	0.100	0.242	0.357	0.443	0.504	0.547
7821	78.20	0.586	0.632	0.687	0.743	0.783	0.785	0.731	0.615	0.438	0.213
7831	78.30	-0.044	-0.314	-0.577	-0.803	-0.960	-1.017	-0.955	-0.780	-0.529	-0.266
7841	78.40	-0.063	0.028	-0.009	-0.139	-0.293	-0.386	-0.356	-0.185	0.100	0.438
7851	78.50	0.768	1.054	1.298	1.536	1.807	2.130	2.486	2.820	3.061	3.157
7861	78.60	3.102	2.936	2.739	2.593	2.550	2.614	2.740	2.857	2.892	2.803
7871	78.70	2.585	2.268	1.896	1.512	1.141	0.788	0.445	0.102	-0.248	-0.606
7881	78.80	-0.975	-1.354	-1.747	-2.148	-2.543	-2.904	-3.193	-3.375	-3.436	-3.388
7891	78.90	-3.269	-3.129	-3.015	-2.948	-2.922	-2.907	-2.869	-2.789	-2.672	-2.543
7901	79.00	-2.437	-2.374	-2.348	-2.329	-2.271	-2.137	-1.917	-1.628	-1.309	-1.001
7911	79.10	-0.719	-0.454	-0.172	0.160	0.551	0.970	1.352	1.621	1.720	1.640
7921	79.20	1.427	1.165	0.946	0.834	0.840	0.928	1.027	1.074	1.035	0.922
7931	79.30	0.779	0.661	0.607	0.623	0.684	0.752	0.796	0.809	0.809	0.827
7941	79.40	0.886	0.988	1.107	1.200	1.224	1.146	0.957	0.662	0.282	-0.162
7951	79.50	-0.644	-1.133	-1.586	-1.954	-2.193	-2.278	-2.223	-2.075	-1.907	-1.789
7961	79.60	-1.760	-1.814	-1.905	-1.970	-1.961	-1.869	-1.728	-1.601	-1.540	-1.563
7971	79.70	-1.641	-1.707	-1.688	-1.540	-1.269	-0.931	-0.601	-0.346	-0.193	-0.121
7981	79.80	-0.076	0.002	0.151	0.373	0.643	0.924	1.192	1.446	1.706	1.996
7991	79.90	2.322	2.667	2.986	3.225	3.341	3.315	3.158	2.900	2.579	2.230

Table 7-88-17

TABLE OF CORRECTED ACCELERATION RECORD

NO.17

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	1.878	1.544	1.251	1.022	0.883	0.851	0.926	1.086	1.295	1.507
8011	80.10	1.688	1.817	1.890	1.914	1.898	1.849	1.768	1.656	1.521	1.373
8021	80.20	1.225	1.086	0.953	0.811	0.639	0.421	0.153	-0.151	-0.466	-0.762
8031	80.30	-1.016	-1.215	-1.357	-1.442	-1.469	-1.440	-1.357	-1.236	-1.106	-1.005
8041	80.40	-0.967	-1.003	-1.099	-1.214	-1.301	-1.328	-1.298	-1.244	-1.219	-1.265
8051	80.50	-1.384	-1.531	-1.622	-1.568	-1.312	-0.859	-0.277	0.322	0.824	1.148
8061	80.60	1.268	1.218	1.063	0.874	0.703	0.570	0.473	0.399	0.339	0.292
8071	80.70	0.257	0.229	0.190	0.117	-0.002	-0.164	-0.338	-0.481	-0.554	-0.543
8081	80.80	-0.465	-0.367	-0.297	-0.286	-0.329	-0.387	-0.406	-0.344	-0.190	0.029
8091	80.90	0.266	0.471	0.619	0.711	0.770	0.819	0.860	0.870	0.811	0.649
8101	81.00	0.380	0.036	-0.323	-0.634	-0.855	-0.982	-1.044	-1.089	-1.155	-1.256
8111	81.10	-1.378	-1.494	-1.580	-1.637	-1.684	-1.749	-1.848	-1.969	-2.071	-2.098
8121	81.20	-2.006	-1.781	-1.451	-1.076	-0.723	-0.443	-0.257	-0.154	-0.107	-0.091
8131	81.30	-0.101	-0.146	-0.246	-0.410	-0.627	-0.859	-1.052	-1.156	-1.136	-0.988
8141	81.40	-0.738	-0.432	-0.124	0.135	0.307	0.372	0.329	0.197	0.015	-0.162
8151	81.50	-0.275	-0.278	-0.152	0.087	0.387	0.680	0.902	1.021	1.049	1.038
8161	81.60	1.055	1.154	1.350	1.606	1.954	2.013	2.032	1.911	1.700	1.480
8171	81.70	1.330	1.292	1.355	1.462	1.537	1.514	1.370	1.125	0.833	0.550
8181	81.80	0.310	0.113	-0.071	-0.279	-0.533	-0.824	-1.114	-1.351	-1.493	-1.524
8191	81.90	-1.459	-1.329	-1.165	-0.981	-0.775	-0.535	-0.259	0.035	0.309	0.513
8201	82.00	0.631	0.652	0.618	0.587	0.611	0.712	0.871	1.033	1.134	1.129
8211	82.10	1.013	0.822	0.618	0.460	0.382	0.383	0.431	0.487	0.522	0.528
8221	82.20	0.520	0.523	0.551	0.601	0.650	0.669	0.630	0.522	0.355	0.147
8231	82.30	-0.073	-0.283	-0.463	-0.599	-0.678	-0.690	-0.630	-0.500	-0.316	-0.099
8241	82.40	0.127	0.348	0.561	0.770	0.976	1.168	1.315	1.373	1.303	1.091
8251	82.50	0.760	0.372	0.003	-0.275	-0.433	-0.487	-0.495	-0.531	-0.650	-0.867
8261	82.60	-1.150	-1.441	-1.682	-1.846	-1.944	-2.018	-2.115	-2.258	-2.430	-2.582
8271	82.70	-2.653	-2.604	-2.440	-2.204	-1.962	-1.768	-1.641	-1.553	-1.454	-1.292
8281	82.80	-1.049	-0.748	-0.439	-0.171	0.038	0.217	0.424	0.719	1.125	1.607
8291	82.90	2.088	2.476	2.716	2.811	2.828	2.856	2.964	3.158	3.375	3.513
8301	83.00	3.483	3.254	2.879	2.468	2.140	1.967	1.937	1.964	1.931	1.751
8311	83.10	1.407	0.958	0.509	0.155	-0.061	-0.162	-0.214	-0.283	-0.391	-0.503
8321	83.20	-0.552	-0.479	-0.276	0.002	0.255	0.388	0.354	0.178	-0.059	-0.267
8331	83.30	-0.390	-0.436	-0.465	-0.554	-0.747	-1.029	-1.329	-1.558	-1.655	-1.613
8341	83.40	-1.488	-1.358	-1.287	-1.295	-1.350	-1.402	-1.418	-1.405	-1.414	-1.503
8351	83.50	-1.701	-1.979	-2.256	-2.433	-2.444	-2.291	-2.045	-1.812	-1.679	-1.672
8361	83.60	-1.740	-1.783	-1.707	-1.469	-1.102	-0.696	-0.350	-0.124	-0.011	0.055
8371	83.70	0.157	0.346	0.614	0.896	1.107	1.189	1.139	1.008	0.873	0.788
8381	83.80	0.750	0.703	0.567	0.285	-0.140	-0.633	-1.080	-1.375	-1.473	-1.401
8391	83.90	-1.249	-1.123	-1.089	-1.152	-1.252	-1.308	-1.256	-1.093	-0.875	-0.689
8401	84.00	-0.614	-0.675	-0.833	-1.002	-1.086	-1.021	-0.800	-0.464	-0.082	0.286
8411	84.10	0.615	0.914	1.210	1.521	1.839	2.127	2.338	2.440	2.435	2.362
8421	84.20	2.279	2.236	2.250	2.293	2.312	2.247	2.065	1.768	1.397	1.009
8431	84.30	0.658	0.374	0.167	0.032	-0.036	-0.030	0.059	0.234	0.478	0.747
8441	84.40	0.984	1.139	1.190	1.155	1.082	1.025	1.019	1.062	1.117	1.133
8451	84.50	1.081	0.964	0.829	0.739	0.741	0.842	1.001	1.144	1.203	1.143
8461	84.60	0.981	0.774	0.591	0.473	0.421	0.389	0.321	0.175	-0.066	-0.297
8471	84.70	-0.509	-0.627	-0.633	-0.557	-0.465	-0.426	-0.485	-0.649	-0.891	-1.165
8481	84.80	-1.431	-1.666	-1.863	-2.023	-2.142	-2.211	-2.217	-2.155	-2.037	-1.890
8491	84.90	-1.742	-1.609	-1.488	-1.362	-1.213	-1.044	-0.881	-0.764	-0.730	-0.782

Table 7-88-18

TABLE OF CORRECTED ACCELERATION RECORD

NO.18

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-0.883	-0.964	-0.954	-0.811	-0.548	-0.228	0.062	0.248	0.306	0.262
8511	85.10	0.181	0.124	0.121	0.151	0.162	0.104	-0.042	-0.242	-0.421	-0.503
8521	85.20	-0.441	-0.248	0.016	0.265	0.434	0.500	0.491	0.464	0.465	0.505
8531	85.30	0.553	0.555	0.463	0.271	0.019	-0.218	-0.363	-0.366	-0.227	0.011
8541	85.40	0.283	0.530	0.718	0.837	0.896	0.900	0.841	0.704	0.476	0.165
8551	85.50	-0.196	-0.550	-0.837	-1.010	-1.054	-0.983	-0.830	-0.634	-0.426	-0.225
8561	85.60	-0.041	0.119	0.245	0.333	0.384	0.413	0.446	0.507	0.607	0.732
8571	85.70	0.850	0.921	0.920	0.849	0.739	0.633	0.565	0.537	0.510	0.428
8581	85.80	0.240	-0.067	-0.451	-0.828	-1.098	-1.192	-1.096	-0.863	-0.582	-0.348
8591	85.90	-0.216	-0.189	-0.217	-0.236	-0.199	-0.102	0.018	0.106	0.123	0.073
8601	86.00	0.010	0.014	0.154	0.457	0.891	1.375	1.817	2.150	2.351	2.445
8611	86.10	2.480	2.490	2.474	2.394	2.196	1.845	1.351	0.780	0.226	-0.216
8621	86.20	-0.496	-0.621	-0.647	-0.653	-0.695	-0.788	-0.899	-0.977	-0.977	-0.896
8631	86.30	-0.771	-0.661	-0.616	-0.650	-0.729	-0.788	-0.763	-0.624	-0.389	-0.115
8641	86.40	0.126	0.287	0.361	0.385	0.415	0.498	0.652	0.861	1.088	1.303
8651	86.50	1.494	1.669	1.844	2.019	2.162	2.220	2.140	1.894	1.502	1.031
8661	86.60	0.553	0.164	-0.152	-0.421	-0.712	-1.083	-1.547	-2.049	-2.492	-2.771
8671	86.70	-2.826	-2.666	-2.372	-2.053	-1.807	-1.673	-1.627	-1.602	-1.534	-1.396
8681	86.80	-1.223	-1.085	-1.057	-1.171	-1.398	-1.658	-1.851	-1.911	-1.827	-1.651
8691	86.90	-1.465	-1.342	-1.313	-1.358	-1.423	-1.456	-1.435	-1.377	-1.325	-1.315
8701	87.00	-1.353	-1.402	-1.405	-1.311	-1.109	-0.831	-0.547	-0.322	-0.189	-0.136
8711	87.10	-0.112	-0.058	0.057	0.226	0.409	0.562	0.666	0.744	0.850	1.033
8721	87.20	1.311	1.645	1.958	2.162	2.206	2.100	1.909	1.726	1.620	1.609
8731	87.30	1.650	1.672	1.613	1.461	1.260	1.090	1.019	1.068	1.194	1.308
8741	87.40	1.316	1.167	0.873	0.506	0.163	-0.076	-0.181	-0.171	-0.097	-0.009
8751	87.50	0.068	0.136	0.216	0.321	0.442	0.554	0.622	0.626	0.564	0.450
8761	87.60	0.299	0.107	-0.139	-0.454	-0.830	-1.217	-1.533	-1.691	-1.640	-1.398
8771	87.70	-1.048	-0.715	-0.510	-0.476	-0.576	-0.704	-0.740	-0.611	-0.325	0.028
8781	87.80	0.323	0.459	0.408	0.228	0.037	-0.051	0.029	0.256	0.543	0.778
8791	87.90	0.876	0.818	0.647	0.449	0.299	0.236	0.246	0.283	0.301	0.285
8801	88.00	0.259	0.277	0.387	0.609	0.913	1.227	1.464	1.555	1.474	1.244
8811	88.10	0.927	0.598	0.315	0.103	-0.046	-0.168	-0.298	-0.456	-0.629	-0.784
8821	88.20	-0.874	-0.863	-0.744	-0.546	-0.326	-0.149	-0.066	-0.091	-0.201	-0.346
8831	88.30	-0.471	-0.542	-0.554	-0.528	-0.496	-0.477	-0.465	-0.433	-0.346	-0.184
8841	88.40	0.041	0.290	0.512	0.663	0.730	0.731	0.704	0.681	0.677	0.677
8851	88.50	0.656	0.597	0.506	0.419	0.383	0.433	0.568	0.747	0.902	0.966
8861	88.60	0.902	0.719	0.462	0.193	-0.038	-0.204	-0.313	-0.384	-0.437	-0.484
8871	88.70	-0.523	-0.556	-0.592	-0.655	-0.770	-0.946	-1.167	-1.389	-1.561	-1.646
8881	88.80	-1.643	-1.586	-1.525	-1.511	-1.559	-1.642	-1.708	-1.704	-1.604	-1.420
8891	88.90	-1.196	-0.982	-0.810	-0.679	-0.565	-0.437	-0.286	-0.129	-0.005	0.047
8901	89.00	0.013	-0.084	-0.190	-0.247	-0.213	-0.084	0.110	0.322	0.513	0.660
8911	89.10	0.767	0.843	0.893	0.907	0.866	0.755	0.583	0.380	0.193	0.063
8921	89.20	0.007	0.011	0.038	0.052	0.037	0.003	-0.020	-0.002	0.065	0.165
8931	89.30	0.263	0.334	0.378	0.425	0.523	0.703	0.958	1.234	1.451	1.532
8941	89.40	1.450	1.235	0.971	0.752	0.645	0.656	0.734	0.794	0.766	0.627
8951	89.50	0.413	0.195	0.050	0.016	0.083	0.201	0.305	0.354	0.343	0.298
8961	89.60	0.257	0.239	0.231	0.196	0.091	-0.104	-0.369	-0.653	-0.894	-1.041
8971	89.70	-1.083	-1.042	-0.962	-0.885	-0.834	-0.807	-0.787	-0.754	-0.699	-0.626
8981	89.80	-0.538	-0.434	-0.302	-0.124	0.110	0.387	0.675	0.931	1.120	1.236
8991	89.90	1.305	1.367	1.458	1.581	1.704	1.773	1.740	1.595	1.380	1.172

Table 7-88-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	1.052	1.066	1.198	1.375	1.500	1.494	1.334	1.058	0.747	0.482
9011	90.10	0.305	0.200	0.109	-0.035	-0.274	-0.599	-0.960	-1.291	-1.548	-1.729
9021	90.20	-1.869	-2.017	-2.202	-2.418	-2.620	-2.753	-2.779	-2.704	-2.572	-2.446
9031	90.30	-2.371	-2.356	-2.367	-2.352	-2.269	-2.114	-1.919	-1.737	-1.611	-1.546
9041	90.40	-1.513	-1.460	-1.351	-1.185	-1.004	-0.866	-0.816	-0.854	-0.924	-0.943
9051	90.50	-0.833	-0.567	-0.182	0.234	0.581	0.787	0.843	0.795	0.720	0.684
9061	90.60	0.714	0.786	0.850	0.857	0.785	0.652	0.502	0.379	0.306	0.278
9071	90.70	0.273	0.273	0.277	0.304	0.378	0.506	0.663	0.796	0.850	0.793
9081	90.80	0.643	0.463	0.344	0.357	0.530	0.828	1.176	1.488	1.708	1.832
9091	90.90	1.896	1.956	2.046	2.160	2.256	2.275	2.178	1.972	1.709	1.465
9101	91.00	1.310	1.270	1.325	1.416	1.482	1.482	1.418	1.321	1.230	1.167
9111	91.10	1.121	1.055	0.927	0.721	0.454	0.180	-0.042	-0.173	-0.212	-0.199
9121	91.20	-0.191	-0.230	-0.325	-0.443	-0.528	-0.535	-0.453	-0.323	-0.214	-0.197
9131	91.30	-0.308	-0.525	-0.776	-0.966	-1.021	-0.916	-0.690	-0.424	-0.211	-0.113
9141	91.40	-0.141	-0.254	-0.386	-0.474	-0.492	-0.454	-0.409	-0.408	-0.480	-0.616
9151	91.50	-0.772	-0.890	-0.922	-0.857	-0.723	-0.578	-0.486	-0.489	-0.591	-0.761
9161	91.60	-0.940	-1.075	-1.132	-1.115	-1.060	-1.017	-1.032	-1.121	-1.269	-1.432
9171	91.70	-1.558	-1.608	-1.575	-1.485	-1.384	-1.320	-1.318	-1.371	-1.442	-1.479
9181	91.80	-1.437	-1.298	-1.071	-0.793	-0.501	-0.223	0.036	0.289	0.554	0.841
9191	91.90	1.137	1.412	1.628	1.754	1.782	1.720	1.594	1.431	1.250	1.065
9201	92.00	0.885	0.729	0.624	0.599	0.675	0.844	1.068	1.282	1.412	1.403
9211	92.10	1.240	0.950	0.596	0.251	-0.025	-0.201	-0.278	-0.279	-0.231	-0.158
9221	92.20	-0.071	0.024	0.119	0.199	0.244	0.236	0.169	0.052	-0.087	-0.215
9231	92.30	-0.299	-0.321	-0.277	-0.179	-0.047	0.095	0.224	0.326	0.392	0.426
9241	92.40	0.440	0.452	0.478	0.521	0.566	0.581	0.527	0.377	0.132	-0.171
9251	92.50	-0.468	-0.690	-0.787	-0.753	-0.626	-0.477	-0.378	-0.374	-0.469	-0.628
9261	92.60	-0.798	-0.930	-1.002	-1.021	-1.008	-0.985	-0.955	-0.906	-0.818	-0.682
9271	92.70	-0.507	-0.321	-0.159	-0.047	0.010	0.026	0.019	-0.004	-0.054	-0.155
9281	92.80	-0.325	-0.558	-0.809	-1.005	-1.074	-0.972	-0.707	-0.345	0.014	0.275
9291	92.90	0.376	0.314	0.135	-0.089	-0.289	-0.428	-0.502	-0.534	-0.552	-0.572
9301	93.00	-0.585	-0.569	-0.496	-0.350	-0.132	0.137	0.426	0.703	0.945	1.137
9311	93.10	1.279	1.377	1.447	1.504	1.563	1.631	1.702	1.761	1.787	1.759
9321	93.20	1.674	1.546	1.405	1.286	1.210	1.178	1.164	1.130	1.042	0.889
9331	93.30	0.691	0.491	0.339	0.271	0.295	0.387	0.504	0.605	0.650	0.631
9341	93.40	0.547	0.403	0.203	-0.050	-0.352	-0.682	-1.005	-1.277	-1.456	-1.525
9351	93.50	-1.497	-1.418	-1.343	-1.321	-1.365	-1.455	-1.542	-1.573	-1.522	-1.397
9361	93.60	-1.246	-1.130	-1.096	-1.155	-1.268	-1.363	-1.361	-1.208	-0.897	-0.474
9371	93.70	-0.018	0.391	0.696	0.887	0.991	1.059	1.134	1.231	1.331	1.389
9381	93.80	1.360	1.223	0.987	0.692	0.387	0.111	-0.125	-0.334	-0.539	-0.752
9391	93.90	-0.962	-1.131	-1.215	-1.182	-1.039	-0.829	-0.615	-0.456	-0.374	-0.347
9401	94.00	-0.317	-0.220	-0.015	0.291	0.646	0.981	1.233	1.382	1.447	1.478
9411	94.10	1.523	1.600	1.690	1.745	1.713	1.570	1.331	1.048	0.782	0.580
9421	94.20	0.453	0.374	0.298	0.184	0.013	-0.201	-0.424	-0.620	-0.765	-0.858
9431	94.30	-0.911	-0.940	-0.955	-0.955	-0.936	-0.895	-0.840	-0.784	-0.742	-0.719
9441	94.40	-0.708	-0.691	-0.655	-0.594	-0.522	-0.456	-0.411	-0.386	-0.360	-0.303
9451	94.50	-0.192	-0.029	0.160	0.328	0.433	0.453	0.402	0.319	0.269	0.221
9461	94.60	0.234	0.260	0.263	0.222	0.147	0.071	0.039	0.075	0.165	0.263
9471	94.70	0.307	0.252	0.095	-0.119	-0.315	-0.423	-0.411	-0.299	-0.154	-0.050
9481	94.80	-0.044	-0.142	-0.301	-0.452	-0.531	-0.510	-0.404	-0.257	-0.124	-0.037
9491	94.90	-0.004	-0.007	-0.029	-0.062	-0.120	-0.221	-0.374	-0.556	-0.725	-0.814

Table 7-88-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	-0.780	-0.618	-0.369	-0.108	0.094	0.193	0.191	0.126	0.046	-0.019
9511	95.10	-0.077	-0.163	-0.314	-0.540	-0.801	-1.023	-1.122	-1.050	-0.817	-0.490
9521	95.20	-0.162	0.088	0.235	0.315	0.397	0.542	0.765	1.022	1.229	1.308
9531	95.30	1.231	1.039	0.829	0.705	0.728	0.884	1.093	1.246	1.260	1.117
9541	95.40	0.672	0.620	0.444	0.376	0.384	0.389	0.318	0.137	-0.126	-0.402
9551	95.50	-0.618	-0.739	-0.781	-0.802	-0.860	-0.978	-1.126	-1.240	-1.257	-1.159
9561	95.60	-0.985	-0.815	-0.729	-0.760	-0.867	-0.953	-0.912	-0.681	-0.280	0.196
9571	95.70	0.614	0.870	0.932	0.849	0.727	0.668	0.720	0.858	0.996	1.042
9581	95.80	0.946	0.725	0.459	0.250	0.170	0.230	0.381	0.539	0.632	0.631
9591	95.90	0.556	0.458	0.384	0.348	0.327	0.277	0.166	-0.007	-0.200	-0.354
9601	96.00	-0.417	-0.375	-0.254	-0.107	0.014	0.087	0.124	0.163	0.237	0.352
9611	96.10	0.481	0.570	0.573	0.476	0.304	0.116	-0.031	-0.105	-0.117	-0.110
9621	96.20	-0.141	-0.241	-0.407	-0.599	-0.767	-0.875	-0.927	-0.955	-1.006	-1.107
9631	96.30	-1.247	-1.375	-1.424	-1.341	-1.119	-0.798	-0.450	-0.149	0.064	0.194
9641	96.40	0.281	0.373	0.500	0.655	0.803	0.898	0.916	0.868	0.794	0.743
9651	96.50	0.744	0.789	0.841	0.852	0.797	0.690	0.579	0.524	0.561	0.677
9661	96.60	0.813	0.884	0.827	0.628	0.337	0.047	-0.148	-0.193	-0.104	0.049
9671	96.70	0.168	0.180	0.065	-0.134	-0.337	-0.462	-0.468	-0.371	-0.231	-0.124
9681	96.80	-0.105	-0.187	-0.339	-0.509	-0.648	-0.730	-0.761	-0.765	-0.766	-0.777
9691	96.90	-0.794	-0.806	-0.805	-0.794	-0.782	-0.778	-0.779	-0.765	-0.708	-0.588
9701	97.00	-0.404	-0.179	0.046	0.238	0.381	0.487	0.584	0.695	0.820	0.927
9711	97.10	0.966	0.896	0.711	0.453	0.204	0.051	0.050	0.199	0.437	0.667
9721	97.20	0.802	0.798	0.673	0.490	0.328	0.239	0.233	0.276	0.317	0.319
9731	97.30	0.284	0.246	0.252	0.328	0.460	0.593	0.655	0.593	0.402	0.126
9741	97.40	-0.161	-0.389	-0.524	-0.580	-0.607	-0.655	-0.727	-0.867	-0.967	-1.000
9751	97.50	-0.952	-0.854	-0.770	-0.764	-0.868	-1.060	-1.273	-1.435	-1.499	-1.475
9761	97.60	-1.423	-1.418	-1.509	-1.686	-1.880	-1.991	-1.942	-1.714	-1.364	-0.995
9771	97.70	-0.711	-0.568	-0.550	-0.583	-0.573	-0.460	-0.244	0.014	0.231	0.347
9781	97.80	0.357	0.318	0.319	0.436	0.694	1.049	1.415	1.696	1.832	1.816
9791	97.90	1.691	1.520	1.355	1.216	1.098	0.982	0.864	0.762	0.710	0.738
9801	98.00	0.846	1.000	1.140	1.209	1.177	1.056	0.892	0.745	0.660	0.646
9811	98.10	0.681	0.726	0.753	0.752	0.744	0.757	0.814	0.919	1.052	1.184
9821	98.20	1.290	1.357	1.387	1.378	1.321	1.192	0.962	0.615	0.164	-0.342
9831	98.30	-0.832	-1.232	-1.494	-1.610	-1.609	-1.542	-1.458	-1.388	-1.338	-1.303
9841	98.40	-1.276	-1.264	-1.280	-1.336	-1.425	-1.517	-1.567	-1.535	-1.407	-1.207
9851	98.50	-0.989	-0.815	-0.724	-0.710	-0.726	-0.702	-0.582	-0.352	-0.054	0.231
9861	98.60	0.420	0.460	0.360	0.185	0.029	-0.022	0.070	0.283	0.548	0.775
9871	98.70	0.898	0.895	0.796	0.658	0.540	0.472	0.447	0.428	0.378	0.281
9881	98.80	0.165	0.084	0.103	0.261	0.544	0.893	1.214	1.423	1.475	1.387
9891	98.90	1.225	1.079	1.018	1.065	1.187	1.312	1.366	1.307	1.140	0.916
9901	99.00	0.702	0.552	0.482	0.467	0.462	0.420	0.320	0.169	-0.009	-0.188
9911	99.10	-0.364	-0.549	-0.763	-1.012	-1.274	-1.502	-1.643	-1.669	-1.591	-1.466
9921	99.20	-1.376	-1.388	-1.529	-1.768	-2.030	-2.229	-2.303	-2.237	-2.068	-1.857
9931	99.30	-1.663	-1.515	-1.405	-1.300	-1.162	-0.975	-0.746	-0.502	-0.277	-0.091
9941	99.40	0.050	0.149	0.214	0.245	0.236	0.190	0.120	0.057	0.040	0.101
9951	99.50	0.247	0.452	0.668	0.839	0.925	0.914	0.820	0.676	0.514	0.361
9961	99.60	0.232	0.140	0.103	0.138	0.254	0.440	0.654	0.838	0.935	0.920
9971	99.70	0.813	0.676	0.587	0.603	0.731	0.921	1.090	1.163	1.111	0.964
9981	99.80	0.799	0.702	0.721	0.843	1.005	1.124	1.141	1.052	0.903	0.760
9991	99.90	0.672	0.632	0.584	0.449	0.172	-0.236	-0.696	-1.088	-1.297	-1.270

Table 7-88-21

TABLE OF CORRECTED ACCELERATION RECORD NO.21

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10001	100.00	-1.038	-0.702	-0.391	-0.206	-0.182	-0.281	-0.418	-0.504	-0.489	-0.379
10011	100.10	-0.224	-0.094	-0.037	-0.062	-0.139	-0.210	-0.223	-0.148	0.013	0.226
10021	100.20	0.444	0.621	0.717	0.711	0.597	0.387	0.111	-0.188	-0.457	-0.647
10031	100.30	-0.724	-0.685	-0.557	-0.393	-0.253	-0.185	-0.208	-0.308	-0.447	-0.578
10041	100.40	-0.668	-0.710	-0.722	-0.739	-0.794	-0.899	-1.043	-1.187	-1.285	-1.299
10051	100.50	-1.218	-1.056	-0.850	-0.642	-0.461	-0.317	-0.195	-0.075	0.058	0.198
10061	100.60	0.320	0.394	0.399	0.346	0.269	0.224	0.255	0.373	0.550	0.719
10071	100.70	0.810	0.776	0.618	0.385	0.155	0.001	-0.040	0.022	0.142	0.264
10081	100.80	0.353	0.414	0.480	0.597	0.790	1.051	1.336	1.589	1.764	1.848
10091	100.90	1.858	1.833	1.805	1.784	1.758	1.703	1.601	1.457	1.296	1.148
10101	101.00	1.036	0.956	0.886	0.798	0.676	0.528	0.375	0.239	0.119	-0.011
10111	101.10	-0.195	-0.466	-0.822	-1.217	-1.570	-1.805	-1.887	-1.838	-1.735	-1.671
10121	101.20	-1.707	-1.843	-2.016	-2.129	-2.104	-1.919	-1.627	-1.322	-1.099	-1.000
10131	101.30	-0.992	-0.987	-0.861	-0.618	-0.212	0.246	0.637	0.861	0.886	0.755
10141	101.40	0.563	0.407	0.345	0.370	0.425	0.440	0.369	0.213	0.015	-0.166
10151	101.50	-0.292	-0.360	-0.399	-0.452	-0.541	-0.657	-0.762	-0.816	-0.800	-0.735
10161	101.60	-0.673	-0.669	-0.752	-0.900	-1.054	-1.137	-1.099	-0.942	-0.722	-0.529
10171	101.70	-0.443	-0.498	-0.666	-0.869	-1.015	-1.033	-0.905	-0.662	-0.368	-0.083
10181	101.80	0.157	0.355	0.533	0.714	0.902	1.075	1.197	1.239	1.202	1.117
10191	101.90	1.038	1.015	1.074	1.199	1.363	1.450	1.479	1.428	1.330	1.242
10201	102.00	1.217	1.279	1.407	1.551	1.641	1.621	1.466	1.191	0.844	0.483
10211	102.10	0.161	-0.094	-0.280	-0.416	-0.525	-0.624	-0.714	-0.785	-0.819	-0.808
10221	102.20	-0.761	-0.704	-0.676	-0.707	-0.809	-0.964	-1.125	-1.233	-1.233	-1.102
10231	102.30	-0.856	-0.547	-0.243	-0.005	0.137	0.194	0.206	0.222	0.274	0.355
10241	102.40	0.426	0.429	0.322	0.102	-0.187	-0.464	-0.642	-0.668	-0.543	-0.326
10251	102.50	-0.110	0.015	-0.001	-0.151	-0.380	-0.608	-0.773	-0.849	-0.860	-0.856
10261	102.60	-0.886	-0.968	-1.077	-1.159	-1.151	-1.018	-0.768	-0.448	-0.126	0.141
10271	102.70	0.330	0.457	0.562	0.686	0.847	1.029	1.194	1.303	1.341	1.326
10281	102.80	1.306	1.334	1.446	1.639	1.878	2.105	2.269	2.340	2.323	2.238
10291	102.90	2.112	1.955	1.760	1.510	1.195	0.828	0.450	0.116	-0.120	-0.230
10301	103.00	-0.221	-0.132	-0.017	0.072	0.102	0.058	-0.057	-0.230	-0.448	-0.692
10311	103.10	-0.936	-1.144	-1.278	-1.306	-1.220	-1.046	-0.832	-0.639	-0.512	-0.467
10321	103.20	-0.487	-0.537	-0.584	-0.620	-0.661	-0.737	-0.864	-1.028	-1.175	-1.236
10331	103.30	-1.153	-0.914	-0.567	-0.203	0.076	0.205	0.175	0.043	-0.106	-0.192
10341	103.40	-0.181	-0.099	-0.009	0.019	-0.056	-0.222	-0.422	-0.586	-0.656	-0.616
10351	103.50	-0.[illegible]90	-0.323	-0.160	-0.019	0.105	0.232	0.374	0.523	0.646	0.709
10361	103.60	0.688	0.590	0.453	0.328	0.257	0.255	0.306	0.370	0.408	0.399
10371	103.70	0.343	0.262	0.176	0.098	0.018	-0.081	-0.211	-0.365	-0.514	-0.612
10381	103.80	-0.620	-0.522	-0.338	-0.119	0.075	0.198	0.231	0.193	0.128	0.081
10391	103.90	0.084	0.135	0.209	0.267	0.276	0.227	0.135	0.041	-0.015	-0.002
10401	104.00	0.086	0.225	0.372	0.481	0.516	0.461	0.328	0.147	-0.050	-0.231
10411	104.10	-0.383	-0.506	-0.608	-0.698	-0.776	-0.831	-0.847	-0.811	-0.724	-0.608
10421	104.20	-0.497	-0.431	-0.436	-0.517	-0.649	-0.790	-0.892	-0.922	-0.871	-0.759
10431	104.30	-0.624	-0.505	-0.424	-0.384	-0.363	-0.336	-0.284	-0.208	-0.134	-0.099
10441	104.40	-0.137	-0.261	-0.456	-0.678	-0.870	-0.983	-0.990	-0.893	-0.723	-0.525
10451	104.50	-0.341	-0.198	-0.102	-0.043	-0.001	0.041	0.089	0.144	0.198	0.245
10461	104.60	0.287	0.327	0.374	0.435	0.513	0.606	0.714	0.835	0.969	1.117
10471	104.70	1.271	1.417	1.531	1.585	1.556	1.433	1.229	0.971	0.700	0.458
10481	104.80	0.277	0.176	0.156	0.207	0.311	0.449	0.595	0.725	0.812	0.834
10491	104.90	0.780	0.658	0.500	0.354	0.270	0.288	0.415	0.624	0.861	1.060

Table 7-88-22

TABLE OF CORRECTED ACCELERATION RECORD NO.22

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10501	105.00	1.172	1.178	1.100	0.985	0.889	0.849	0.867	0.910	0.924	0.860
10511	105.10	0.696	0.447	0.164	-0.092	-0.269	-0.350	-0.353	-0.331	-0.340	-0.426
10521	105.20	-0.606	-0.863	-1.165	-1.472	-1.757	-2.005	-2.214	-2.384	-2.503	-2.550
10531	105.30	-2.501	-2.339	-2.067	-1.710	-1.312	-0.922	-0.577	-0.296	-0.078	0.095
10541	105.40	0.240	0.372	0.498	0.616	0.727	0.836	0.949	1.071	1.199	1.319
10551	105.50	1.412	1.462	1.463	1.424	1.364	1.300	1.240	1.176	1.087	0.952
10561	105.60	0.761	0.522	0.262	0.014	-0.199	-0.368	-0.503	-0.622	-0.741	-0.862
10571	105.70	-0.977	-1.078	-1.163	-1.251	-1.371	-1.549	-1.786	-2.053	-2.290	-2.431
10581	105.80	-2.426	-2.268	-1.994	-1.672	-1.369	-1.128	-0.952	-0.813	-0.671	-0.502
10591	105.90	-0.313	-0.131	0.010	0.100	0.158	0.232	0.368	0.586	0.865	1.146
10601	106.00	1.366	1.486	1.516	1.508	1.527	1.616	1.762	1.898	1.935	1.804
10611	106.10	1.501	1.097	0.709	0.451	0.382	0.477	0.641	0.752	0.718	0.522
10621	106.20	0.222	-0.080	-0.293	-0.377	-0.363	-0.323	-0.332	-0.424	-0.568	-0.692
10631	106.30	-0.718	-0.609	-0.386	-0.121	0.104	0.237	0.282	0.290	0.325	0.424
10641	106.40	0.567	0.688	0.705	0.570	0.299	-0.024	-0.282	-0.376	-0.267	0.002
10651	106.50	0.331	0.603	0.732	0.697	0.533	0.314	0.107	-0.051	-0.160	-0.241
10661	106.60	-0.313	-0.376	-0.405	-0.374	-0.266	-0.098	0.087	0.233	0.301	0.281
10671	106.70	0.201	0.106	0.043	0.032	0.064	0.106	0.117	0.070	-0.035	-0.176
10681	106.80	-0.313	-0.406	-0.425	-0.361	-0.225	-0.046	0.138	0.281	0.343	0.299
10691	106.90	0.150	-0.078	-0.330	-0.542	-0.661	-0.659	-0.549	-0.373	-0.190	-0.050
10701	107.00	0.020	0.023	-0.016	-0.068	-0.109	-0.137	-0.155	-0.171	-0.181	-0.172
10711	107.10	-0.123	-0.023	0.119	0.276	0.413	0.497	0.520	0.498	0.462	0.441
10721	107.20	0.445	0.459	0.450	0.383	0.245	0.051	-0.154	-0.323	-0.419	-0.442
10731	107.30	-0.421	-0.408	-0.446	-0.556	-0.718	-0.885	-1.006	-1.044	-1.004	-0.926
10741	107.40	-0.873	-0.901	-1.040	-1.271	-1.535	-1.754	-1.855	-1.800	-1.600	-1.307
10751	107.50	-0.996	-0.739	-0.574	-0.502	-0.482	-0.458	-0.375	-0.204	0.051	0.358
10761	107.60	0.674	0.959	1.193	1.376	1.524	1.653	1.773	1.883	1.973	2.028
10771	107.70	2.042	2.011	1.939	1.829	1.682	1.501	1.291	1.062	0.833	0.619
10781	107.80	0.431	0.267	0.111	-0.050	-0.226	-0.406	-0.569	-0.690	-0.760	-0.794
10791	107.90	-0.834	-0.924	-1.095	-1.341	-1.611	-1.833	-1.936	-1.884	-1.691	-1.414
10801	108.00	-1.122	-0.872	-0.676	-0.512	-0.335	-0.116	0.141	0.396	0.592	0.691
10811	108.10	0.696	0.655	0.638	0.706	0.876	1.112	1.342	1.491	1.519	1.432
10821	108.20	1.277	1.108	0.962	0.835	0.697	0.516	0.284	0.037	-0.164	-0.259
10831	108.30	-0.223	-0.084	0.086	0.208	0.228	0.145	0.007	-0.119	-0.178	-0.163
10841	108.40	-0.109	-0.075	-0.110	-0.228	-0.399	-0.570	-0.693	-0.743	-0.728	-0.674
10851	108.50	-0.604	-0.522	-0.419	-0.289	-0.148	-0.044	-0.041	-0.184	-0.472	-0.840
10861	108.60	-1.177	-1.371	-1.356	-1.143	-0.818	-0.503	-0.300	-0.246	-0.305	-0.389
10871	108.70	-0.411	-0.329	-0.169	-0.006	0.080	0.044	-0.094	-0.262	-0.369	-0.354
10881	108.80	-0.215	-0.006	0.194	0.318	0.346	0.307	0.260	0.258	0.316	0.408
10891	108.90	0.480	0.482	0.391	0.230	0.050	-0.091	-0.152	-0.129	-0.042	0.073
10901	109.00	0.186	0.284	0.365	0.434	0.486	0.509	0.490	0.420	0.309	0.184
10911	109.10	0.080	0.026	0.033	0.095	0.187	0.286	0.371	0.436	0.679	0.504
10921	109.20	0.510	0.496	0.463	0.422	0.389	0.386	0.425	0.502	0.598	0.681
10931	109.30	0.725	0.721	0.682	0.641	0.633	0.678	0.772	0.879	0.950	0.934
10941	109.40	0.805	0.566	0.254	-0.073	-0.355	-0.545	-0.624	-0.605	-0.526	-0.443
10951	109.50	-0.406	-0.445	-0.563	-0.735	-0.911	-1.044	-1.099	-1.072	-0.989	-0.896
10961	109.60	-0.835	-0.828	-0.861	-0.893	-0.869	-0.749	-0.530	-0.245	0.040	0.255
10971	109.70	0.353	0.329	0.214	0.068	-0.054	-0.116	-0.117	-0.083	-0.044	-0.022
10981	109.80	-0.013	0.009	0.075	0.208	0.490	0.616	0.804	0.917	0.929	0.852
10991	109.90	0.728	0.614	0.562	0.596	0.708	0.862	1.010	1.113	1.154	1.146

Table 7-88-23 TABLE OF CORRECTED ACCELERATION RECORD NO.23

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11001	110.00	1.118	1.102	1.118	1.155	1.186	1.168	1.074	0.896	0.661	0.415
11011	110.10	0.209	0.078	0.025	0.020	0.020	-0.019	-0.113	-0.248	-0.386	-0.484
11021	110.20	-0.519	-0.501	-0.475	-0.498	-0.616	-0.836	-1.120	-1.392	-1.567	-1.586
11031	110.30	-1.440	-1.171	-0.858	-0.584	-0.404	-0.328	-0.322	-0.335	-0.320	-0.265
11041	110.40	-0.192	-0.144	-0.162	-0.259	-0.409	-0.560	-0.658	-0.670	-0.605	-0.508
11051	110.50	-0.438	-0.439	-0.518	-0.641	-0.748	-0.784	-0.726	-0.595	-0.446	-0.342
11061	110.60	-0.321	-0.381	-0.480	-0.559	-0.571	-0.507	-0.400	-0.306	-0.275	-0.331
11071	110.70	-0.454	-0.598	-0.714	-0.778	-0.797	-0.806	-0.843	-0.921	-1.017	-1.078
11081	110.80	-1.049	-0.901	-0.650	-0.354	-0.092	0.076	0.127	0.085	0.004	-0.063
11091	110.90	-0.090	-0.084	-0.076	-0.096	-0.149	-0.204	-0.208	-0.112	0.103	0.414
11101	111.00	0.758	1.061	1.265	1.351	1.336	1.263	1.178	1.109	1.068	1.052
11111	111.10	1.054	1.077	1.123	1.188	1.253	1.283	1.244	1.115	0.913	0.684
11121	111.20	0.489	0.378	0.360	0.400	0.429	0.383	0.231	-0.005	-0.258	-0.448
11131	111.30	-0.519	-0.464	-0.329	-0.186	-0.098	-0.091	-0.148	-0.222	-0.272	-0.283
11141	111.40	-0.277	-0.297	-0.370	-0.491	-0.611	-0.655	-0.566	-0.327	0.015	0.371
11151	111.50	0.646	0.777	0.762	0.650	0.519	0.434	0.421	0.463	0.517	0.543
11161	111.60	0.535	0.515	0.525	0.597	0.727	0.877	0.991	1.023	0.962	0.840
11171	111.70	0.711	0.622	0.588	0.582	0.547	0.433	0.223	-0.049	-0.313	-0.490
11181	111.80	-0.530	-0.439	-0.276	-0.127	-0.068	-0.134	-0.305	-0.521	-0.705	-0.804
11191	111.90	-0.798	-0.712	-0.588	-0.472	-0.388	-0.339	-0.307	-0.270	-0.214	-0.136
11201	112.00	-0.044	0.051	0.136	0.199	0.227	0.209	0.133	0.002	-0.166	-0.337
11211	112.10	-0.467	-0.520	-0.487	-0.392	-0.286	-0.226	-0.251	-0.363	-0.524	-0.676
11221	112.20	-0.767	-0.775	-0.725	-0.672	-0.677	-0.771	-0.941	-1.126	-1.248	-1.246
11231	112.30	-1.101	-0.852	-0.574	-0.345	-0.216	-0.193	-0.237	-0.293	-0.316	-0.296
11241	112.40	-0.256	-0.231	-0.247	-0.295	-0.335	-0.312	-0.184	0.051	0.356	0.661
11251	112.50	0.899	1.033	1.069	1.051	1.034	1.059	1.134	1.231	1.308	1.328
11261	112.60	1.264	1.198	1.111	1.063	1.070	1.122	1.191	1.240	1.243	1.185
11271	112.70	1.066	0.887	0.647	0.345	-0.006	-0.379	-0.720	-0.969	-1.078	-1.033
11281	112.80	-0.865	-0.646	-0.456	-0.358	-0.372	-0.471	-0.597	-0.697	-0.745	-0.756
11291	112.90	-0.775	-0.847	-0.988	-1.175	-1.347	-1.434	-1.388	-1.204	-0.921	-0.606
11301	113.00	-0.321	-0.105	0.040	0.133	0.198	0.244	0.265	0.243	0.170	0.063
11311	113.10	-0.038	-0.085	-0.042	0.092	0.283	0.473	0.607	0.656	0.622	0.538
11321	113.20	0.441	0.352	0.269	0.175	0.051	-0.095	-0.230	-0.301	-0.262	-0.099
11331	113.30	0.158	0.443	0.681	0.821	0.853	0.811	0.749	0.715	0.721	0.742
11341	113.40	0.732	0.652	0.495	0.295	0.113	0.007	0.006	0.099	0.240	0.374
11351	113.50	0.466	0.509	0.526	0.544	0.576	0.606	0.599	0.523	0.375	0.192
11361	113.60	0.039	-0.020	0.043	0.203	0.387	0.505	0.497	0.357	0.147	-0.040
11371	113.70	-0.116	-0.044	0.140	0.347	0.472	0.440	0.245	-0.055	-0.359	-0.574
11381	113.80	-0.649	-0.592	-0.460	-0.329	-0.258	-0.268	-0.346	-0.456	-0.569	-0.674
11391	113.90	-0.779	-0.900	-1.042	-1.186	-1.296	-1.333	-1.273	-1.118	-0.904	-0.684
11401	114.00	-0.506	-0.406	-0.390	-0.443	-0.536	-0.638	-0.723	-0.773	-0.775	-0.726
11411	114.10	-0.628	-0.493	-0.341	-0.200	-0.092	-0.029	-0.005	-0.003	-0.001	0.015
11421	114.20	0.040	0.055	0.033	-0.040	-0.162	-0.305	-0.433	-0.510	-0.524	-0.484
11431	114.30	-0.418	-0.356	-0.314	-0.283	-0.242	-0.169	-0.058	0.069	0.171	0.207
11441	114.40	0.152	0.022	-0.139	-0.270	-0.322	-0.277	-0.157	-0.008	0.121	0.205
11451	114.50	0.246	0.271	0.307	0.359	0.400	0.383	0.269	0.051	-0.225	-0.472
11461	114.60	-0.599	-0.544	-0.313	0.026	0.364	0.602	0.688	0.643	0.543	0.478
11471	114.70	0.509	0.632	0.788	0.887	0.865	0.715	0.494	0.303	0.234	0.329
11481	114.80	0.562	0.849	1.093	1.228	1.244	1.186	1.119	1.094	1.114	1.140
11491	114.90	1.113	0.997	0.804	0.591	0.437	0.402	0.491	0.655	0.806	0.868

Table 7-88-24 TABLE OF CORRECTED ACCELERATION RECORD NO.24

INDEX NO. 1280 S104-FU-1-7 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -45.524 (GAL) T= 18.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11501	115.00	0.806	0.646	0.455	0.308	0.249	0.265	0.303	0.295	0.197	0.013
11511	115.10	-0.204	-0.381	-0.461	-0.426	-0.307	-0.169	-0.079	-0.079	-0.176	-0.343
11521	115.20	-0.541	-0.730	-0.868	-1.004	-1.078	-1.108	-1.094	-1.035	-0.936	-0.812
11531	115.30	-0.679	-0.553	-0.440	-0.338	-0.248	-0.176	-0.143	-0.175	-0.290	-0.483
11541	115.40	-0.723	-0.958	-1.137	-1.234	-1.258	-1.247	-1.247	-1.282	-1.335	-1.354
11551	115.50	-1.277	-1.068	-0.749	-0.402	-0.140	-0.063	-0.208	-0.523	-0.886	-1.141
11561	115.60	-1.165	-0.914	-0.444	0.116	0.612	0.926	1.018	0.935	0.782	0.672
11571	115.70	0.677	0.800	0.981	1.125	1.155	1.043	0.831	0.612	0.495	0.551
11581	115.80	0.789	1.144	1.503	1.749	1.807	1.673	1.408	1.117	0.894	0.789
11591	115.90	0.784	0.812	0.789	0.659	0.425	0.146	-0.085	-0.191	-0.141	0.027
11601	116.00	0.225	0.356	0.348	0.193	-0.061	-0.332	-0.541	-0.646	-0.651	-0.597
11611	116.10	-0.535	-0.496	-0.483	-0.474	-0.438	-0.360	-0.248	-0.134	-0.057	-0.044
11621	116.20	-0.098	-0.197	-0.309	-0.402	-0.456	-0.468	-0.446	-0.401	-0.344	-0.281
11631	116.30	-0.216	-0.156	-0.109	-0.078	-0.063	-0.059	-0.060	-0.064	-0.078	-0.117
11641	116.40	-0.191	-0.298	-0.416	-0.509	-0.536	-0.475	-0.333	-0.148	0.026	0.140
11651	116.50	0.171	0.133	0.066	0.016	0.012	0.051	0.104	0.132	0.114	0.057
11661	116.60	-0.004	-0.023	0.035	0.171	0.353	0.528	0.646	0.679	0.632	0.527
11671	116.70	0.395	0.252	0.097	-0.082	-0.291	-0.515	-0.719	-0.859	-0.903	-0.846
11681	116.80	-0.721	-0.578	-0.464	-0.404	-0.386	-0.373	-0.327	-0.232	-0.105	0.009
11691	116.90	0.067	0.045	-0.035	-0.120	-0.143	-0.062	0.122	0.360	0.574	0.695
11701	117.00	0.693	0.587	0.437	0.310	0.252	0.268	0.325	0.372	0.376	0.333
11711	117.10	0.273	0.241	0.272	0.367	0.497	0.615	0.678	0.674	0.619	0.550
11721	117.20	0.498	0.470	0.444	0.378	0.239	0.021	-0.247	-0.506	-0.698	-0.785
11731	117.30	-0.768	-0.680	-0.571	-0.488	-0.453	-0.468	-0.522	-0.604	-0.710	-0.840
11741	117.40	-0.987	-1.129	-1.228	-1.240	-1.140	-0.934	-0.665	-0.396	-0.183	-0.051
11751	117.50	0.017	0.069	0.154	0.295	0.467	0.615	0.674	0.610	0.442	0.236
11761	117.60	0.085	0.059	0.176	0.394	0.628	0.786	0.815	0.715	0.535	0.344
11771	117.70	0.195	0.104	0.050	-0.004	-0.083	-0.181	-0.259	-0.272	-0.190	-0.024
11781	117.80	0.174	0.337	0.409	0.372	0.254	0.111	-0.001	-0.051	-0.047	-0.026
11791	117.90	-0.028	-0.074	-0.151	-0.219	-0.231	-0.160	-0.008	0.191	0.391	0.558
11801	118.00	0.679	0.763	0.828	0.881	0.904	0.868	0.741	0.517	0.225	-0.073
11811	118.10	-0.309	-0.431	-0.429	-0.342	-0.232	-0.164	-0.174	-0.256	-0.373	-0.476
11821	118.20	-0.534	-0.549	-0.551	-0.576	-0.648	-0.757	-0.861	-0.909	-0.863	-0.719
11831	118.30	-0.514	-0.312	-0.173	-0.133	-0.190	-0.307	-0.437	-0.542	-0.608	-0.647
11841	118.40	-0.680	-0.723	-0.774	-0.811	-0.805	-0.735	-0.602	-0.429	-0.253	-0.110
11851	118.50	-0.021	0.010	-0.004	-0.046	-0.100	-0.155	-0.203	-0.231	-0.226	-0.170
11861	118.60	-0.055	0.113	0.313	0.516	0.697	0.843	0.963	1.070	1.180	1.289
11871	118.70	1.377	1.412	1.369	1.244	1.063	0.872	0.720	0.637	0.622	0.646
11881	118.80	0.667	0.653	0.596	0.514	0.435	0.378	0.344	0.307	0.237	0.117
11891	118.90	-0.042	-0.196	-0.293	-0.291	-0.187	-0.017	0.151	0.252	0.248	0.146

Table 7-89-1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-5.185	-4.951	-3.731	-1.898	0.073	1.785	3.012	3.684	3.808	3.389
11	0.10	2.430	0.987	-0.745	-2.413	-3.585	-3.908	-3.281	-1.924	-0.321	0.980
21	0.20	1.592	1.443	0.771	-0.017	-0.565	-0.728	-0.599	-0.404	-0.325	-0.372
31	0.30	-0.376	-0.122	0.477	1.264	1.870	1.892	1.132	-0.231	-1.657	-2.455
41	0.40	-2.099	-0.512	1.831	4.051	5.206	4.686	2.487	-0.744	-3.931	-5.959
51	0.50	-6.078	-4.181	-0.839	2.900	5.874	7.201	6.569	4.317	1.305	-1.411
61	0.60	-2.953	-2.928	-1.549	0.474	2.242	3.060	2.624	1.301	-0.241	-1.277
71	0.70	-1.394	-0.688	0.300	0.877	0.577	-0.570	-2.036	-3.052	-3.021	-1.854
81	0.80	-0.056	1.505	2.035	1.241	-0.495	-2.279	-3.164	-2.649	-0.983	0.920
91	0.90	1.914	1.210	-1.182	-4.377	-6.969	-7.657	-5.847	-1.954	2.733	6.584
101	1.00	8.283	7.352	4.292	0.336	-3.086	-4.900	-4.746	-3.007	-0.553	1.671
111	1.10	3.023	3.555	2.978	2.444	2.252	2.625	3.417	4.199	4.467	3.893
121	1.20	2.501	0.703	-0.845	-1.519	-1.017	0.459	2.231	3.409	3.287	1.697
131	1.30	-0.851	-3.340	-4.688	-4.255	-2.187	0.600	2.818	3.410	2.082	-0.522
141	1.40	-3.101	-4.328	-3.512	-0.976	2.078	4.149	4.205	2.218	-0.785	-3.229
151	1.50	-3.801	-2.152	0.863	3.570	4.294	2.232	-2.075	-6.916	-10.163	-10.255
161	1.60	-6.945	-1.442	4.112	7.592	7.812	4.999	0.619	-3.338	-5.261	-4.584
171	1.70	-1.930	1.292	3.603	4.121	2.878	0.678	-1.397	-2.541	-2.571	-1.913
181	1.80	-1.273	-1.191	-1.720	-2.398	-2.517	-1.527	0.625	3.404	5.899	7.228
191	1.90	6.941	5.233	2.858	0.785	-0.243	-0.051	0.898	1.715	1.513	-0.171
201	2.00	-3.123	-6.491	-9.109	-9.951	-8.550	-5.186	-0.793	3.381	6.214	7.072
211	2.10	5.976	3.520	0.622	-1.805	-3.111	-3.044	-1.742	0.375	2.742	4.785
221	2.20	6.027	6.174	5.171	3.226	0.773	-1.635	-3.491	-4.486	-4.602	-4.072
231	2.30	-3.244	-2.389	-1.574	-0.670	0.508	1.987	3.494	4.480	4.340	2.733
241	2.40	-0.152	-3.551	-6.361	-7.572	-6.717	-4.108	-0.742	2.120	3.492	3.088
251	2.50	1.422	-0.470	-1.535	-1.215	0.297	2.171	3.354	3.092	1.287	-1.449
261	2.60	-4.075	-5.582	-5.411	-3.647	-0.927	1.876	4.005	5.972	5.089	4.341
271	2.70	3.167	1.797	0.313	-1.275	-2.903	-4.362	-5.307	-5.367	-4.300	-2.141
281	2.80	0.744	3.704	5.960	6.824	5.924	3.368	-0.217	-3.812	-6.289	-6.799
291	2.90	-5.114	-1.801	1.895	4.464	4.716	2.312	-2.000	-6.585	-9.524	-9.395
301	3.00	-5.909	-0.102	6.020	10.262	11.118	8.372	3.157	-2.548	-6.749	-8.221
311	3.10	-6.905	-3.776	-0.274	2.382	3.683	3.888	3.688	3.685	3.995	4.186
321	3.20	3.575	1.719	-1.211	-4.365	-6.557	-6.816	-4.901	-1.474	2.148	4.574
331	3.30	6.973	3.448	0.975	-1.072	-1.586	-0.251	2.314	4.845	6.041	5.158
341	3.40	2.356	-1.389	-4.724	-6.506	-6.257	-4.297	-1.523	1.032	2.626	3.046
351	3.50	2.561	1.671	0.808	0.158	-0.374	-0.754	-1.132	-1.272	-0.893	0.167
361	3.60	1.763	3.403	4.416	4.255	2.793	0.429	-2.045	-3.789	-4.290	-3.579
371	3.70	-2.182	-0.816	-0.009	0.168	0.092	0.324	1.219	2.651	4.003	4.469
381	3.80	3.500	1.163	-1.803	-4.282	-5.309	-4.555	-2.512	-0.268	1.032	0.762
391	3.90	-0.856	-2.862	-4.055	-3.621	-1.580	1.201	3.426	4.027	2.714	0.142
401	4.00	-2.402	-3.617	-2.830	-0.311	2.861	5.323	6.063	4.860	2.329	-0.426
411	4.10	-2.343	-2.859	-2.066	-0.551	0.968	1.983	2.348	2.209	1.791	1.214
421	4.20	0.468	-0.474	-1.495	-2.262	-2.358	-1.539	0.011	1.625	2.375	1.506
431	4.30	-1.124	-4.833	-8.298	-10.078	-9.254	-5.888	-1.056	3.574	6.436	6.719
441	4.40	4.673	1.435	-1.531	-3.104	-2.962	-1.635	-0.146	0.546	0.031	-1.396
451	4.50	-2.932	-3.718	-3.292	-1.809	0.059	1.474	1.861	1.178	-0.084	-1.157
461	4.60	-1.380	-0.508	1.183	3.037	4.317	4.526	3.599	1.913	0.117	-1.133
471	4.70	-1.406	-0.637	0.871	2.571	3.852	4.243	3.557	1.963	-0.060	-1.855
481	4.80	-2.798	-2.510	-1.005	1.286	3.650	5.326	5.786	4.925	3.097	0.979
491	4.90	-0.696	-1.415	-1.055	0.100	1.517	2.638	3.097	2.818	1.985	0.918

Table 7-89-2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.081	-0.824	-1.259	-1.419	-1.358	-1.117	-0.727	-0.247	0.212	0.502
511	5.10	0.490	0.128	-0.514	-1.267	-1.936	-2.381	-2.570	-2.565	-2.462	-2.323
521	5.20	-2.140	-1.867	-1.485	-1.072	-0.796	-0.854	-1.338	-2.146	-2.971	-3.404
531	5.30	-3.126	-2.084	-0.559	0.920	1.789	1.711	0.739	-0.690	-1.933	-2.426
541	5.40	-1.928	-0.617	1.002	2.335	2.966	2.818	2.155	1.420	1.009	1.086
551	5.50	1.529	2.021	2.226	1.959	1.267	0.395	-0.352	-0.750	-0.756	-0.510
561	5.60	-0.249	-0.186	-0.409	-0.843	-1.287	-1.507	-1.331	-0.719	0.212	1.233
571	5.70	2.075	2.520	2.470	1.976	1.219	0.440	-0.154	-0.460	-0.519	-0.482
581	5.80	-0.532	-0.784	-1.232	-1.743	-2.128	-2.244	-2.072	-1.725	-1.384	-1.187
591	5.90	-1.137	-1.089	-0.828	-0.214	0.701	1.633	2.162	1.919	0.778	-1.030
601	6.00	-2.963	-4.358	-4.687	-3.774	-1.866	0.454	2.481	3.637	3.647	2.588
611	6.10	0.817	-1.171	-2.899	-4.007	-4.299	-3.756	-2.514	-0.858	0.824	2.110
621	6.20	2.659	2.330	1.269	-0.109	-1.243	-1.641	-1.079	0.280	1.933	3.229
631	6.30	3.637	2.974	1.501	-0.179	-1.357	-1.509	-0.503	1.341	3.389	4.939
641	6.40	5.491	4.921	3.502	1.767	0.276	-0.607	-0.832	-0.647	-0.442	-0.537
651	6.50	-1.011	-1.653	-2.054	-1.819	-0.790	0.832	2.524	3.639	3.695	2.605
661	6.60	0.752	-1.158	-2.394	-2.529	-1.632	-0.246	0.875	1.114	0.277	-1.321
671	6.70	-3.031	-4.199	-4.482	-3.998	-3.230	-2.736	-2.827	-3.385	-3.931	-3.889
681	6.80	-2.920	-1.135	0.936	2.598	3.340	3.085	2.209	1.308	0.862	0.959
691	6.90	1.258	1.205	0.399	-1.117	-2.779	-3.740	-3.274	-1.179	2.058	5.418
701	7.00	7.771	8.355	7.096	4.610	1.903	-0.087	-0.875	-0.572	0.260	0.950
711	7.10	1.071	0.617	-0.044	-0.425	-0.211	0.554	1.490	2.076	1.928	0.999
721	7.20	-0.391	-1.706	-2.448	-2.386	-1.650	-0.652	0.121	0.341	-0.012	-0.652
731	7.30	-1.133	-1.074	-0.345	0.852	2.060	2.757	2.573	1.444	-0.364	-2.363
741	7.40	-4.037	-5.024	-5.221	-4.760	-3.897	-2.871	-1.818	-0.772	0.252	1.165
751	7.50	1.765	1.812	1.174	-0.030	-1.394	-2.340	-2.375	-1.356	0.367	2.038
761	7.60	2.806	2.131	0.106	-2.510	-4.562	-5.000	-3.379	-0.113	3.642	6.463
771	7.70	7.260	5.754	2.596	-0.923	-3.441	-4.092	-2.839	-0.411	2.086	3.682
781	7.80	3.935	3.032	1.580	0.241	-0.599	-0.944	-1.065	-1.240	-1.523	-1.690
791	7.90	-1.396	-0.437	1.038	2.511	3.302	2.909	1.293	-1.042	-3.240	-4.469
801	8.00	-4.298	-2.889	-0.909	0.791	1.576	1.304	0.339	-0.678	-1.184	-0.990
811	8.10	-0.345	0.228	0.260	-0.382	-1.397	-2.214	-2.309	-1.533	-0.237	0.869
821	8.20	1.078	0.081	-1.799	-3.702	-4.604	-3.825	-1.410	1.817	4.569	5.671
831	8.30	4.610	1.811	-1.516	-3.900	-4.274	-2.459	0.747	3.939	5.752	5.484
841	8.40	3.408	0.606	-1.560	-2.114	-0.924	1.266	3.219	3.838	2.710	0.311
851	8.50	-2.236	-3.710	-3.392	-1.408	1.334	3.581	4.317	3.213	0.745	-2.073
861	8.60	-4.161	-4.840	-4.060	-2.314	-0.330	1.299	2.335	2.887	3.220	3.511
871	8.70	3.716	3.608	2.964	1.763	0.269	-1.056	-1.786	-1.760	-1.190	-0.558
881	8.80	-0.368	-0.860	-1.858	-2.830	-3.145	-2.400	-0.652	1.569	3.469	4.340
891	8.90	3.872	2.283	0.212	-1.565	-2.472	-2.350	-1.475	-0.380	0.426	0.691
901	9.00	0.506	0.212	0.184	0.610	1.368	2.076	2.266	1.617	0.124	-1.873
911	9.10	-3.802	-5.082	-5.333	-4.510	-2.892	-0.952	0.824	2.098	2.756	2.880
921	9.20	2.649	2.236	1.743	1.195	0.595	-0.035	-0.632	-1.129	-1.512	-1.860
931	9.30	-2.321	-3.034	-4.013	-5.068	-5.827	-5.857	-4.865	-2.873	-0.285	2.210
941	9.40	3.871	4.195	3.127	1.096	-1.138	-2.780	-3.300	-2.617	-1.091	0.661
951	9.50	2.042	2.707	2.658	2.184	1.672	1.411	1.471	1.701	1.840	1.666
961	9.60	1.109	0.285	-0.560	-1.154	-1.296	-0.912	-0.066	1.076	2.283	3.298
971	9.70	3.879	3.850	3.146	1.869	0.287	-1.221	-2.277	-2.637	-2.292	-1.465
981	9.80	-0.525	0.183	0.485	0.451	0.337	0.438	0.915	1.693	2.481	2.918
991	9.90	2.757	2.005	0.933	-0.049	-0.593	-0.581	-0.182	0.241	0.328	-0.091

Table 7-89-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.904	-1.774	-2.316	-2.299	-1.760	-0.978	-0.316	-0.913	-0.049	-0.161
1011	10.10	0.011	0.693	1.814	2.987	3.658	3.373	2.018	-0.088	-2.285	-3.843
1021	10.20	-4.263	-3.490	-1.929	-0.255	0.879	1.119	0.536	-0.442	-1.259	-1.496
1031	10.30	-1.047	-0.144	0.791	1.370	1.418	1.042	0.536	0.211	0.212	0.448
1041	10.40	0.650	0.532	-0.033	-0.920	-1.797	-2.281	-2.135	-1.399	-0.387	0.465
1051	10.50	0.810	0.572	-0.003	-0.468	-0.389	0.434	1.752	3.122	3.915	3.695
1061	10.60	2.413	0.453	-1.511	-2.794	-2.980	-2.096	-0.595	0.844	1.601	1.364
1071	10.70	0.244	-1.292	-2.624	-3.233	-2.897	-1.751	-0.218	1.173	1.976	1.980
1081	10.80	1.254	0.101	-1.064	-1.850	-2.020	-1.549	-0.632	0.391	1.149	1.368
1091	10.90	0.975	0.133	-0.815	-1.474	-1.559	-1.012	-0.042	0.971	1.637	1.736
1101	11.00	1.313	0.652	0.127	0.003	0.294	0.751	0.991	0.709	-0.142	-1.302
1111	11.10	-2.321	-2.795	-2.588	-1.928	-1.309	-1.233	-1.933	-3.206	-4.469	-5.026
1121	11.20	-4.408	-2.637	-0.254	1.907	3.096	3.068	1.926	0.591	-0.159	0.202
1131	11.30	1.621	3.478	4.873	5.039	3.708	1.237	-1.543	-3.687	-4.518	-3.877
1141	11.40	-2.132	0.030	1.911	3.062	3.388	3.083	2.461	1.787	1.192	0.686
1151	11.50	0.244	-0.125	-0.367	-0.436	-0.358	-0.267	-0.344	-0.708	-1.305	-1.872
1161	11.60	-2.027	-1.442	-0.040	1.896	3.779	4.919	4.803	3.333	0.904	-1.714
1171	11.70	-3.658	-4.300	-3.484	-1.584	0.654	2.398	3.051	2.458	0.739	-0.871
1181	11.80	-2.281	-2.818	-2.383	-1.258	0.047	1.025	1.372	1.101	0.494	-0.048
1191	11.90	-0.205	0.117	0.742	1.322	1.503	1.099	0.181	-0.955	-1.929	-2.463
1201	12.00	-2.510	-2.275	-2.107	-2.310	-2.970	-3.881	-4.610	-4.685	-3.819	-2.062
1211	12.10	0.179	2.283	3.651	3.945	3.213	1.867	0.502	-0.343	-0.391	0.279
1221	12.20	1.296	2.168	2.492	2.110	1.150	-0.046	-1.078	-1.638	-1.612	-1.082
1231	12.30	-0.254	0.646	1.466	2.151	2.714	3.170	3.469	3.491	3.095	2.194
1241	12.40	0.858	-0.671	-2.022	-2.810	-2.778	-1.906	-0.437	1.200	2.539	3.236
1251	12.50	3.179	2.501	1.499	0.493	-0.293	-0.793	-1.077	-1.260	-1.412	-1.500
1261	12.60	-1.418	-1.059	-0.402	0.439	1.249	1.802	1.958	1.734	1.280	0.800
1271	12.70	0.439	0.215	0.016	-0.312	-0.866	-1.605	-2.357	-2.903	-3.098	-2.951
1281	12.80	-2.620	-2.321	-2.189	-2.180	-2.084	-1.638	-0.712	0.560	1.766	2.360
1291	12.90	1.916	0.361	-1.922	-4.195	-5.636	-5.681	-4.259	-1.836	0.789	2.814
1301	13.00	3.769	3.683	3.022	2.421	2.356	2.904	3.700	4.130	3.638	2.019
1311	13.10	-0.447	-3.082	-5.078	-5.814	-5.095	-3.206	-0.780	1.463	2.968	3.502
1321	13.20	3.167	2.275	1.190	0.183	-0.611	-1.164	-1.478	-1.522	-1.218	-0.491
1331	13.30	0.653	2.078	3.508	4.604	5.064	4.741	3.705	2.235	0.731	-0.418
1341	13.40	-0.965	-0.898	-0.438	0.042	0.177	-0.237	-1.132	-2.165	-2.843	-2.722
1351	13.50	-1.623	0.241	2.291	3.776	4.065	2.924	0.663	-1.940	-3.913	-4.459
1361	13.60	-3.282	-0.718	2.387	5.001	6.297	5.955	4.235	1.823	-0.484	-2.099
1371	13.70	-2.835	-2.885	-2.643	-2.451	-2.429	-2.438	-2.214	-1.556	-0.478	0.760
1381	13.80	1.770	2.226	2.032	1.375	0.637	0.205	0.283	0.784	1.371	1.612
1391	13.90	1.185	0.031	-1.606	-3.268	-4.460	-4.836	-4.316	-3.100	-1.578	-0.174
1401	14.00	0.800	1.243	1.273	1.149	1.145	1.418	1.930	2.456	2.679	2.339
1411	14.10	1.380	0.011	-1.346	-2.218	-2.297	-1.606	-0.527	0.339	0.434	-0.475
1421	14.20	-2.149	-3.921	-4.963	-4.640	-2.816	0.046	3.045	5.198	5.831	4.837
1431	14.30	2.688	0.205	-1.794	-2.804	-2.761	-1.955	-0.810	0.342	1.364	2.262
1441	14.40	3.035	3.545	3.515	2.671	0.949	-1.364	-3.664	-5.254	-5.668	-4.918
1451	14.50	-3.532	-2.332	-2.045	-2.949	-4.711	-6.541	-7.560	-7.230	-5.612	-3.335
1461	14.60	-1.286	-0.184	-0.254	-1.156	-2.204	-2.736	-2.446	-1.501	-0.401	0.336
1471	14.70	0.474	0.177	-0.109	0.054	0.813	1.914	2.830	3.066	2.464	1.341
1481	14.80	0.358	0.188	1.147	2.986	4.958	6.155	5.930	4.221	1.601	-0.966
1491	14.90	-2.538	-2.589	-1.195	1.049	3.326	4.947	5.584	5.303	4.415	3.257

Table 7-89-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	2.042	0.838	-0.325	-1.327	-1.917	-1.797	-0.813	0.876	2.756	4.113
1511	15.10	4.330	3.189	1.033	-1.332	-2.953	-3.153	-1.858	0.333	2.368	3.183
1521	15.20	2.160	-0.597	-4.273	-7.658	-9.609	-9.480	-7.334	-3.875	-0.147	2.867
1531	15.30	4.570	4.885	4.179	3.041	2.024	1.452	1.367	1.585	1.816	1.784
1541	15.40	1.303	0.305	-1.162	-2.931	-4.724	-6.165	-6.843	-6.423	-4.786	-2.144
1551	15.50	0.940	3.662	5.203	5.001	2.977	-0.397	-4.218	-7.420	-9.114	-8.850
1561	15.60	-6.736	-3.351	0.480	3.969	6.581	8.133	8.735	8.653	8.145	7.363
1571	15.70	6.345	5.084	3.631	2.156	0.942	0.300	0.440	1.366	2.824	4.369
1581	15.80	5.394	5.496	4.432	2.306	-0.462	-3.246	-5.386	-6.371	-5.981	-4.341
1591	15.90	-1.878	0.802	3.075	4.453	4.684	3.788	2.024	-0.183	-2.338	-3.979
1601	16.00	-4.759	-4.521	-3.328	-1.455	0.678	2.627	4.057	4.843	5.100	5.092
1611	16.10	5.080	5.150	5.126	4.622	3.224	0.747	-2.582	-6.098	-8.878	-10.074
1621	16.20	-9.242	-6.543	-2.687	1.325	4.572	6.508	7.050	6.454	5.056	3.043
1631	16.30	0.404	-2.933	-6.839	-10.798	-13.930	-15.272	-14.204	-10.811	-5.979	-1.126
1641	16.40	2.326	3.529	2.551	0.321	-1.791	-2.584	-1.528	1.064	4.239	6.874
1651	16.50	8.161	7.874	6.341	4.171	1.926	-0.079	-1.758	-3.086	-3.924	-3.991
1661	16.60	-3.026	-1.045	1.481	3.682	4.598	3.635	0.909	-2.696	-5.845	-7.303
1671	16.70	-6.482	-3.701	-0.040	3.157	4.878	4.865	3.652	2.284	1.691	2.338
1681	16.80	3.999	5.943	7.326	7.591	6.674	4.945	2.947	1.125	-0.334	-1.442
1691	16.90	-2.244	-2.648	-2.404	-1.253	0.836	3.486	5.931	7.261	6.792	4.391
1701	17.00	0.589	-3.586	-6.995	-8.815	-8.832	-7.472	-5.581	-4.060	-3.527	-4.130
1711	17.10	-5.556	-7.215	-8.476	-8.880	-8.249	-6.702	-4.590	-2.389	-0.581	0.471
1721	17.20	0.633	0.058	-0.831	-1.463	-1.336	-0.240	1.598	3.532	4.713	4.432
1731	17.30	2.457	-0.786	-4.287	-6.782	-7.222	-5.194	-1.129	3.815	8.141	10.537
1741	17.40	10.331	7.708	3.612	-0.622	-3.745	-5.011	-4.378	-2.445	-0.165	1.523
1751	17.50	2.009	1.167	-0.690	-2.992	-5.141	-6.679	-7.354	-7.076	-5.843	-3.694
1761	17.60	-0.725	2.823	6.493	9.632	11.533	11.679	10.002	7.002	3.668	1.165
1771	17.70	0.404	1.663	4.434	7.578	9.750	9.935	7.854	4.085	-0.170	-3.569
1781	17.80	-5.160	-4.733	-2.848	-0.541	1.143	1.595	0.857	-0.462	-1.510	-1.607
1791	17.90	-0.562	1.247	3.038	3.952	3.394	1.255	-2.077	-5.878	-9.354	-11.885
1801	18.00	-13.170	-13.229	-12.298	-10.676	-8.600	-6.201	-3.531	-0.648	2.301	5.044
1811	18.10	7.217	8.462	8.542	7.436	5.363	2.729	0.010	-2.375	-4.164	-5.276
1821	18.20	-5.763	-5.732	-5.264	-4.395	-3.145	-1.590	0.084	1.588	2.601	2.897
1831	18.30	2.448	1.465	0.338	-0.497	-0.719	-0.229	0.832	2.162	3.432	4.395
1841	18.40	4.954	5.141	5.065	4.845	4.579	4.344	4.207	4.205	4.303	4.336
1851	18.50	4.000	2.925	0.838	-2.244	-5.889	-9.276	-11.411	-11.479	-9.202	-5.031
1861	18.60	-0.092	4.153	6.396	5.948	2.995	-1.461	-5.958	-9.078	-9.920	-8.352
1871	18.70	-4.978	-0.857	2.896	5.474	6.562	6.332	5.260	3.890	2.642	1.712
1881	18.80	1.096	0.678	0.332	-0.015	-0.376	-0.728	-1.049	-1.326	-1.539	-1.628
1891	18.90	-1.474	-0.917	0.180	1.845	3.919	6.040	7.697	8.364	7.674	5.566
1901	19.00	2.365	-1.269	-4.499	-6.546	-6.916	-5.557	-2.867	0.436	3.535	5.766
1911	19.10	6.792	6.657	5.703	4.393	3.124	2.099	1.262	0.458	-0.515	-1.739
1921	19.20	-3.117	-4.401	-5.285	-5.521	-5.003	-3.787	-2.051	-0.010	2.144	4.281
1931	19.30	6.310	8.135	9.626	10.614	10.932	10.474	9.235	7.318	4.893	2.135
1941	19.40	-0.809	-3.820	-6.754	-9.372	-11.320	-12.175	-11.581	-9.413	-5.913	-1.696
1951	19.50	2.377	5.444	6.920	6.678	5.071	2.775	0.514	-1.210	-2.271	-2.905
1961	19.60	-3.521	-4.470	-5.845	-7.432	-8.818	-9.588	-9.524	-8.704	-7.443	-6.134
1971	19.70	-5.049	-4.216	-3.420	-2.334	-0.707	1.480	3.965	6.287	7.959	8.650
1981	19.80	8.302	7.130	5.515	3.848	2.391	1.211	0.218	-0.736	-1.739	-2.744
1991	19.90	-3.574	-3.996	-3.834	-3.059	-1.828	-0.435	0.789	1.592	1.872	1.681

Table 7-89-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	1.163	0.458	-0.367	-1.315	-2.392	-3.507	-4.402	-4.684	-3.963	-2.055
2011	20.10	0.838	4.084	6.753	7.924	7.030	4.119	-0.109	-4.511	-7.868	-9.398
2021	20.20	-8.812	-6.520	-3.310	-0.017	2.771	4.832	6.221	7.049	7.287	6.713
2031	20.30	5.038	2.154	-1.659	-5.690	-8.981	-10.664	-10.306	-8.084	-4.715	-1.160
2041	20.40	1.747	3.585	4.405	4.579	4.518	4.440	4.278	3.797	2.803	1.338
2051	20.50	-0.274	-1.541	-2.039	-1.614	-0.463	0.965	2.177	2.857	2.964	2.693
2061	20.60	2.305	1.966	1.653	1.213	0.496	-0.498	-1.567	-2.382	-2.651	-2.275
2071	20.70	-1.410	-0.396	0.408	0.785	0.739	0.439	0.070	-0.306	-0.301	-1.619
2081	20.80	-2.887	-4.499	-6.074	-7.079	-7.058	-5.864	-3.767	-1.362	0.676	1.890
2091	20.90	2.245	2.124	2.125	2.757	4.175	6.089	7.892	8.938	8.842	7.646
2101	21.00	5.795	3.920	2.557	1.918	1.834	1.871	1.556	0.608	-0.945	-2.789
2111	21.10	-4.474	-5.592	-5.912	-5.422	-4.278	-2.718	-0.991	0.666	2.012	2.793
2121	21.20	2.772	1.806	-0.053	-2.503	-5.026	-7.024	-8.017	-7.808	-6.559	-4.718
2131	21.30	-2.837	-1.352	-0.429	0.063	0.446	1.047	2.031	3.328	4.680	5.778
2141	21.40	6.404	6.510	6.197	5.612	4.842	3.865	2.593	0.983	-0.845	-2.574
2151	21.50	-3.766	-4.035	-3.229	-1.537	0.546	2.392	3.483	3.603	2.910	1.834
2161	21.60	0.876	0.380	0.394	0.678	0.847	0.568	-0.276	-1.537	-2.871	-3.897
2171	21.70	-4.357	-4.204	-3.598	-2.810	-2.103	-1.636	-1.434	-1.416	-1.455	-1.436
2181	21.80	-1.288	-0.980	-0.513	0.086	0.755	1.385	1.831	1.944	1.637	0.936
2191	21.90	0.007	-0.881	-1.444	-1.487	-0.987	-0.104	0.875	1.656	2.048	2.034
2201	22.00	1.762	1.468	1.360	1.530	1.918	2.348	2.615	2.578	2.210	1.601
2211	22.10	0.898	0.236	-0.324	-0.798	-1.246	-1.711	-2.176	-2.558	-2.756	-2.717
2221	22.20	-2.492	-2.240	-2.173	-2.455	-3.109	-3.964	-4.693	-4.923	-4.381	-3.014
2231	22.30	-1.036	1.130	2.994	4.160	4.460	3.997	3.096	2.170	1.583	1.533
2241	22.40	2.014	2.864	3.752	4.470	4.821	4.751	4.333	3.731	3.147	2.759
2251	22.50	2.665	2.853	3.195	3.484	3.510	3.136	2.369	1.369	0.400	-0.277
2261	22.60	-0.508	-0.324	0.070	0.375	0.331	-0.167	-1.024	-1.985	-2.751	-3.113
2271	22.70	-3.031	-2.647	-2.198	-1.908	-1.885	-2.088	-2.369	-2.555	-2.533	-2.292
2281	22.80	-1.909	-1.500	-1.162	-0.942	-0.839	-0.828	-0.873	-0.932	-0.944	-0.827
2291	22.90	-0.502	0.050	0.733	1.317	1.490	0.979	-0.314	-2.219	-4.310	-6.038
2301	23.00	-6.935	-6.803	-5.796	-4.354	-3.003	-2.131	-1.827	-1.873	-1.886	-1.536
2311	23.10	-0.735	0.309	1.201	1.568	1.273	0.521	-0.211	-0.378	0.376	2.045
2321	23.20	4.231	6.295	7.602	7.763	6.757	4.908	2.721	0.673	-0.943	-2.074
2331	23.30	-2.835	-3.374	-3.741	-3.830	-3.633	-2.356	-0.556	1.751	4.128	6.016
2341	23.40	6.920	6.582	5.087	2.849	0.486	-1.384	-2.343	-2.304	-1.521	-0.476
2351	23.50	0.308	0.474	-0.050	-1.037	-2.067	-2.703	-2.670	-1.953	-0.797	0.407
2361	23.60	1.271	1.558	1.258	0.567	-0.201	-0.734	-0.837	-0.484	0.187	0.930
2371	23.70	1.473	1.606	1.240	0.433	-0.623	-1.660	-2.413	-2.705	-2.504	-1.932
2381	23.80	-1.215	-0.593	-0.223	-0.121	-0.171	-0.199	-0.074	0.214	0.545	0.735
2391	23.90	0.646	0.283	-0.188	-0.506	-0.446	0.054	0.849	1.640	2.123	2.143
2401	24.00	1.780	1.310	1.057	1.212	1.701	2.195	2.242	1.490	-0.138	-2.374
2411	24.10	-4.699	-6.542	-7.498	-7.457	-6.610	-5.320	-3.949	-2.727	-1.716	-0.871
2421	24.20	-0.149	0.413	0.695	0.564	-0.018	-0.932	-1.915	-2.650	-2.895	-2.579
2431	24.30	-1.816	-0.838	0.118	0.904	1.490	1.923	2.269	2.442	2.398	1.999
2441	24.40	1.198	0.097	-1.049	-1.901	-2.158	-1.671	-0.499	1.113	2.827	4.327
2451	24.50	5.406	5.998	6.148	5.962	5.540	4.957	4.260	3.492	2.707	1.966
2461	24.60	1.321	0.794	0.369	0.010	-0.312	-0.595	-0.804	-0.894	-0.853	-0.731
2471	24.70	-0.640	-0.718	-1.058	-1.654	-2.369	-2.968	-3.200	-2.899	-2.060	-0.859
2481	24.80	0.404	1.408	1.933	1.931	1.537	0.999	0.568	0.395	0.487	0.725
2491	24.90	0.945	1.031	0.970	0.847	0.783	0.851	1.019	1.155	1.090	0.715

Table 7-89-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.049	-0.760	-1.495	-1.979	-2.167	-2.164	-2.169	-2.363	-2.798	-3.349
2511	25.10	-3.762	-3.757	-3.161	-1.986	-0.418	1.257	2.764	3.917	4.630	4.875
2521	25.20	4.619	3.811	2.422	0.533	-1.592	-3.514	-4.731	-4.858	-3.806	-1.859
2531	25.30	0.400	2.294	3.311	3.296	2.486	1.390	0.553	0.329	0.759	1.598
2541	25.40	2.465	3.017	3.086	2.694	1.988	1.132	0.244	-0.606	-1.345	-1.844
2551	25.50	-1.929	-1.452	-0.407	1.001	2.367	3.225	3.228	2.308	0.723	-1.037
2561	25.60	-2.446	-3.147	-3.073	-2.424	-1.536	-0.714	-0.107	0.297	0.586	0.807
2571	25.70	0.899	0.719	0.156	-0.752	-1.763	-2.495	-2.592	-1.902	-0.581	0.947
2581	25.80	2.162	2.668	2.367	1.489	0.465	-0.283	-0.538	-0.368	-0.062	0.045
2591	25.90	-0.236	-0.850	-1.538	-1.986	-2.011	-1.667	-1.232	-1.059	-1.378	-2.158
2601	26.00	-3.084	-3.691	-3.578	-2.608	-0.997	0.764	2.105	2.620	2.245	1.280
2611	26.10	0.260	-0.275	-0.017	0.988	2.354	3.524	3.995	3.520	2.197	0.414
2621	26.20	-1.307	-2.517	-2.987	-2.767	-2.121	-1.397	-0.884	-0.721	-0.877	-1.214
2631	26.30	-1.573	-1.855	-2.050	-2.218	-2.436	-2.742	-3.100	-3.406	-3.523	-3.323
2641	26.40	-2.738	-1.781	-0.557	0.748	1.896	2.651	2.834	2.390	1.423	0.200
2651	26.50	-0.916	-1.572	-1.541	-0.809	0.410	1.754	2.847	3.437	3.478	3.125
2661	26.60	2.628	2.204	1.928	1.711	1.374	0.775	-0.080	-0.996	-1.664	-1.798
2671	26.70	-1.296	-0.309	0.774	1.487	1.474	0.646	-0.772	-2.322	-3.491	-3.911
2681	26.80	-3.490	-2.433	-1.141	-0.043	0.581	0.689	0.474	0.258	0.337	0.842
2691	26.90	1.673	2.533	3.044	2.905	2.028	0.590	-1.013	-2.304	-2.909	-2.696
2701	27.00	-1.832	-0.716	0.187	0.540	0.275	-0.377	-0.993	-1.161	-0.580	0.636
2711	27.10	2.178	3.584	4.459	4.629	4.198	3.472	2.808	2.452	2.452	2.668
2721	27.20	2.875	2.880	2.608	2.103	1.475	0.816	0.162	-0.499	-1.165	-1.771
2731	27.30	-2.179	-2.238	-1.880	-1.196	-0.444	0.036	-0.034	-0.736	-1.898	-3.155
2741	27.40	-4.091	-4.415	-4.076	-3.265	-2.320	-1.565	-1.178	-1.136	-1.259	-1.316
2751	27.50	-1.140	-0.688	-0.035	0.686	1.354	1.899	2.307	2.581	2.720	2.713
2761	27.60	2.564	2.318	2.071	1.937	1.990	2.209	2.467	2.580	2.385	1.836
2771	27.70	1.035	0.203	-0.417	-0.667	-0.544	-0.198	0.143	0.280	0.133	-0.236
2781	27.80	-0.668	-0.993	-1.111	-1.032	-0.852	-0.700	-0.670	-0.798	-1.073	-1.468
2791	27.90	-1.977	-2.614	-3.375	-4.198	-4.939	-5.395	-5.374	-4.780	-3.671	-2.259
2801	28.00	-0.840	0.312	1.040	1.353	1.394	1.353	1.368	1.462	1.545	1.481
2811	28.10	1.180	0.667	0.096	-0.316	-0.389	-0.084	0.460	0.960	1.101	0.672
2821	28.20	-0.334	-1.692	-3.019	-3.912	-4.106	-3.572	-2.536	-1.384	-0.512	-0.171
2831	28.30	-0.377	-0.910	-1.421	-1.573	-1.183	-0.286	0.894	2.047	2.907	3.357
2841	28.40	3.452	3.375	3.337	3.472	3.788	4.171	4.453	4.491	4.236	3.747
2851	28.50	3.166	2.655	2.350	2.318	2.557	3.005	3.566	4.115	4.522	4.659
2861	28.60	4.434	3.822	2.893	1.812	0.798	0.056	-0.302	-0.302	-0.105	0.059
2871	28.70	-0.018	-0.434	-1.138	-1.961	-2.687	-3.156	-3.321	-3.263	-3.141	-3.112
2881	28.80	-3.260	-3.568	-3.933	-4.224	-4.337	-4.236	-3.948	-3.534	-3.049	-2.520
2891	28.90	-1.950	-1.342	-0.722	-0.153	0.278	0.493	0.454	0.187	-0.229	-0.689
2901	29.00	-1.091	-1.365	-1.479	-1.433	-1.243	-0.930	-0.516	-0.033	0.474	0.940
2911	29.10	1.299	1.494	1.495	1.309	0.975	0.553	0.112	-0.284	-0.587	-0.764
2921	29.20	-0.809	-0.743	-0.617	-0.499	-0.461	-0.547	-0.751	-1.008	-1.206	-1.227
2931	29.30	-0.989	-0.492	0.174	0.849	1.352	1.551	1.409	1.009	0.527	0.177
2941	29.40	0.139	0.493	1.191	2.061	2.864	3.363	3.397	2.934	2.085	1.071
2951	29.50	0.153	-0.445	-0.615	-0.397	0.033	0.428	0.555	0.282	-0.370	-1.234
2961	29.60	-2.051	-2.568	-2.622	-2.198	-1.432	-0.557	0.184	0.617	0.691	0.481
2971	29.70	0.139	-0.166	-0.317	-0.288	-0.135	0.030	0.101	0.014	-0.223	-0.540
2981	29.80	-0.830	-0.998	-0.985	-0.794	-0.476	-0.114	0.208	0.429	0.522	0.495
2991	29.90	0.373	0.188	-0.030	-0.259	-0.472	-0.639	-0.726	-0.706	-0.569	-0.337

Table 7-89-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.061	0.192	0.364	0.431	0.407	0.344	0.303	0.327	0.425	0.567
3011	30.10	0.708	0.812	0.876	0.930	1.017	1.168	1.371	1.575	1.710	1.722
3021	30.20	1.609	1.427	1.268	1.222	1.326	1.548	1.786	1.915	1.833	1.595
3031	30.30	0.969	0.325	-0.304	-0.803	-1.096	-1.144	-0.949	-0.543	0.003	0.582
3041	30.40	1.055	1.275	1.132	0.602	-0.228	-1.166	-1.977	-2.459	-2.521	-2.221
3051	30.50	-1.743	-1.322	-1.154	-1.320	-1.763	-2.325	-2.820	-3.112	-3.162	-3.025
3061	30.60	-2.807	-2.604	-2.462	-2.361	-2.241	-2.041	-1.731	-1.321	-0.856	-0.390
3071	30.70	0.036	0.395	0.672	0.852	0.915	0.847	0.654	0.377	0.089	-0.118
3081	30.80	-0.169	-0.026	0.297	0.745	1.234	1.681	2.015	2.179	2.132	1.847
3091	30.90	1.319	0.588	-0.259	-1.088	-1.747	-2.109	-2.115	-1.795	-1.261	-0.666
3101	31.00	-0.153	0.190	0.338	0.320	0.180	-0.051	-0.363	-0.754	-1.190	-1.591
3111	31.10	-1.827	-1.765	-1.326	-0.537	0.454	1.421	2.149	2.477	2.452	2.232
3121	31.20	2.062	2.153	2.584	3.251	3.901	4.236	4.044	3.300	2.189	1.043
3131	31.30	0.205	-0.108	0.106	0.642	1.184	1.451	1.326	0.904	0.442	0.234
3141	31.40	0.462	1.101	1.923	2.590	2.811	2.475	1.700	0.785	0.075	-0.194
3151	31.50	0.005	0.484	0.931	1.055	0.714	-0.033	-0.968	-1.818	-2.388	-2.629
3161	31.60	-2.642	-2.600	-2.639	-2.784	-2.926	-2.876	-2.467	-1.640	-0.484	0.786
3171	31.70	1.913	2.686	3.009	2.909	2.503	1.930	1.300	0.668	0.057	-0.512
3181	31.80	-0.989	-1.292	-1.337	-1.078	-0.550	0.131	0.798	1.288	1.494	1.398
3191	31.90	1.061	0.585	0.064	-0.446	-0.927	-1.370	-1.740	-1.957	-1.913	-1.520
3201	32.00	-0.773	0.215	1.223	1.987	2.292	2.065	1.407	0.556	-0.200	-0.647
3211	32.10	-0.726	-0.547	-0.338	-0.324	-0.630	-1.218	-1.907	-2.460	-2.692	-2.550
3221	32.20	-2.136	-1.651	-1.304	-1.220	-1.394	-1.705	-1.976	-2.055	-1.873	-1.462
3231	32.30	-0.926	-0.393	0.033	0.299	0.402	0.372	0.252	0.078	-0.120	-0.326
3241	32.40	-0.527	-0.720	-0.907	-1.089	-1.256	-1.383	-1.432	-1.368	-1.178	-0.894
3251	32.50	-0.586	-0.343	-0.229	-0.255	-0.367	-0.467	-0.460	-0.302	-0.014	0.326
3261	32.60	0.637	0.873	1.054	1.244	1.506	1.854	2.230	2.526	2.638	2.518
3271	32.70	2.202	1.774	1.319	0.863	0.361	-0.262	-1.032	-1.872	-2.585	-2.935
3281	32.80	-2.758	-2.067	-1.087	-0.180	0.305	0.192	-0.430	-1.241	-1.831	-1.891
3291	32.90	-1.358	-0.443	0.469	0.995	0.923	0.299	-0.617	-1.476	-1.997	-2.062
3301	33.00	-1.730	-1.172	-0.568	-0.042	0.352	0.602	0.695	0.613	0.353	-0.021
3311	33.10	-0.361	-0.476	-0.210	0.456	1.367	2.231	2.742	2.726	2.228	1.507
3321	33.20	0.909	0.704	0.948	1.459	1.908	1.988	1.572	0.771	-0.125	-0.798
3331	33.30	-1.063	-0.954	-0.692	-0.552	-0.710	-1.146	-1.646	-1.918	-1.737	-1.058
3341	33.40	-0.044	1.008	1.797	2.128	1.977	1.662	0.779	0.118	-0.388	-0.669
3351	33.50	-0.704	-0.499	-0.086	0.464	1.044	1.525	1.805	1.857	1.751	1.637
3361	33.60	1.666	1.917	2.342	2.779	3.024	2.934	2.501	1.864	1.241	0.833
3371	33.70	0.733	0.898	1.185	1.440	1.571	1.579	1.519	1.437	1.310	1.068
3381	33.80	0.552	-0.202	-1.103	-1.919	-2.380	-2.305	-1.696	-0.756	0.191	0.837
3391	33.90	1.015	0.757	0.253	-0.258	-0.606	-0.756	-0.782	-0.794	-0.847	-0.902
3401	34.00	-0.865	-0.674	-0.373	-0.125	-0.146	-0.579	-1.390	-2.349	-3.119	-3.416
3411	34.10	-3.159	-2.532	-1.904	-1.652	-1.962	-2.714	-3.524	-3.915	-3.554	-2.429
3421	34.20	-0.874	0.560	1.349	1.220	0.266	-1.106	-2.365	-3.078	-3.078	-2.487
3431	34.30	-1.612	-0.775	-0.163	0.230	0.547	0.942	1.470	2.034	2.427	2.448
3441	34.40	2.010	1.205	0.280	-0.458	-0.766	-0.549	0.110	0.997	1.860	2.499
3451	34.50	2.833	2.903	2.835	2.773	2.810	2.952	3.107	3.131	2.880	2.285
3461	34.60	1.395	0.383	-0.496	-0.991	-0.939	-0.343	0.625	1.670	2.470	2.780
3471	34.70	2.501	1.697	0.563	-0.739	-1.956	-2.975	-3.715	-4.129	-4.180	-3.853
3481	34.80	-3.179	-2.269	-1.308	-0.519	-0.086	-0.083	-0.442	-0.974	-1.451	-1.688
3491	34.90	-1.618	-1.292	-0.842	-0.414	-0.114	0.015	-0.027	-0.222	-0.541	-0.935

Table 7-89-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-1.311	-1.528	-1.441	-0.971	-0.181	0.695	1.321	1.392	0.794	-0.305
3511	35.10	-1.482	-2.215	-2.110	-1.097	0.515	2.145	3.175	3.215	2.262	0.700
3521	35.20	-0.878	-1.917	-2.118	-1.528	-0.469	0.638	1.460	1.870	1.944	1.869
3531	35.30	1.812	1.838	1.892	1.850	1.598	1.094	0.382	-0.419	-1.148	-1.635
3541	35.40	-1.718	-1.278	-0.280	1.173	2.813	4.241	5.038	4.920	3.876	2.219
3551	35.50	0.493	-0.731	-1.097	-0.624	0.290	1.038	1.076	0.183	-1.440	-3.239
3561	35.60	-4.554	-4.897	-4.155	-2.622	-0.865	0.514	1.096	0.767	-0.298	-1.743
3571	35.70	-3.177	-4.279	-4.847	-4.797	-4.151	-3.024	-1.633	-0.271	0.745	1.175
3581	35.80	0.954	0.239	-0.635	-1.281	-1.427	-1.038	-0.327	0.344	0.643	0.427
3591	35.90	-0.193	-0.912	-1.384	-1.386	-0.922	-0.196	0.504	0.955	1.101	1.063
3601	36.00	1.051	1.242	1.686	2.287	2.868	3.269	3.428	3.403	3.330	3.345
3611	36.10	3.514	3.811	4.146	4.416	4.550	4.535	4.397	4.177	3.905	3.595
3621	36.20	3.251	2.878	2.475	2.028	1.504	0.861	0.083	-0.790	-1.636	-2.285
3631	36.30	-2.577	-2.443	-1.962	-1.353	-0.906	-0.866	-1.331	-2.203	-3.221	-4.063
3641	36.40	-4.466	-4.320	-3.695	-2.803	-1.914	-1.267	-1.012	-1.186	-1.720	-2.660
3651	36.50	-3.200	-3.719	-3.826	-3.420	-2.565	-1.402	-0.308	0.398	0.485	-0.071
3661	36.60	-1.061	-2.108	-2.815	-2.919	-2.400	-1.480	-0.523	0.124	0.277	-0.025
3671	36.70	-0.550	-0.995	-1.118	-0.838	-0.252	0.432	0.984	1.253	1.202	0.905
3681	36.80	0.492	0.094	-0.200	-0.357	-0.382	-0.303	-0.166	0.073	0.357	0.716
3691	36.90	1.161	1.685	2.242	2.742	3.056	3.051	2.652	1.888	0.917	-0.005
3701	37.00	-0.607	-0.711	-0.307	0.424	1.173	1.630	1.603	1.100	0.314	-0.467
3711	37.10	-0.988	-1.130	-0.940	-0.583	-0.242	-0.018	0.103	0.231	0.486	0.921
3721	37.20	1.477	2.000	2.317	2.305	1.950	1.343	0.639	-0.006	-0.485	-0.755
3731	37.30	-0.829	-0.749	-0.567	-0.333	-0.097	0.097	0.220	0.271	0.287	0.324
3741	37.40	0.425	0.591	0.766	0.860	0.798	0.574	0.270	0.031	-0.010	0.190
3751	37.50	0.565	0.869	0.956	0.695	0.137	-0.515	-0.994	-1.099	-0.796	-0.241
3761	37.60	0.301	0.583	0.499	0.136	-0.285	-0.526	-0.467	-0.164	0.177	0.319
3771	37.70	0.115	-0.409	-1.072	-1.635	-1.914	-1.869	-1.593	-1.243	-0.934	-0.673
3781	37.80	-0.370	0.085	0.726	1.456	2.069	2.346	2.171	1.605	0.867	0.236
3791	37.90	-0.075	-0.021	0.268	0.565	0.671	0.514	0.184	-0.129	-0.246	-0.096
3801	38.00	0.244	0.590	0.751	0.622	0.225	-0.315	-0.847	-1.275	-1.593	-1.862
3811	38.10	-2.138	-2.403	-2.565	-2.453	-1.945	-1.033	0.138	1.298	2.147	2.465
3821	38.20	2.194	1.455	0.501	-0.384	-0.977	-1.185	-1.052	-0.724	-0.382	-0.171
3831	38.30	-0.154	-0.297	-0.492	-0.600	-0.510	-0.193	0.276	0.739	1.005	0.934
3841	38.40	0.503	-0.166	-0.838	-1.255	-1.241	-0.787	-0.058	0.670	1.130	1.184
3851	38.50	0.877	0.410	0.029	-0.101	0.014	0.204	0.223	-0.112	-0.809	-1.683
3861	38.60	-2.427	-2.763	-2.572	-1.958	-1.198	-0.609	-0.390	-0.539	-0.855	-1.061
3871	38.70	-0.953	-0.511	0.082	0.539	0.616	0.249	-0.403	-1.031	-1.321	-1.112
3881	38.80	-0.474	0.326	0.950	1.156	0.908	0.383	-0.122	-0.343	-0.181	0.256
3891	38.90	0.721	0.952	0.816	0.369	-0.176	-0.566	-0.636	-0.398	-0.022	0.259
3901	39.00	0.283	0.056	-0.240	-0.338	-0.020	0.759	1.836	2.900	3.632	3.841
3911	39.10	3.550	2.967	2.378	2.010	1.926	2.018	2.074	1.909	1.463	0.837
3921	39.20	0.244	-0.105	-0.094	0.241	0.740	1.208	1.500	1.583	1.521	1.417
3931	39.30	1.347	1.318	1.282	1.183	1.010	0.814	0.677	0.652	0.709	0.731
3941	39.40	0.565	0.107	-0.625	-1.480	-2.236	-2.703	-2.828	-2.726	-2.631	-2.775
3951	39.50	-3.265	-4.018	-4.789	-5.285	-5.305	-4.831	-4.042	-3.215	-2.601	-2.311
3961	39.60	-2.289	-2.363	-2.354	-2.175	-1.861	-1.531	-1.294	-1.179	-1.106	-0.944
3971	39.70	-0.596	-0.072	0.500	0.942	1.126	1.064	0.912	0.906	1.227	1.899
3981	39.80	2.752	3.490	3.828	3.629	2.976	2.136	1.436	1.113	1.215	1.592
3991	39.90	1.989	2.172	2.041	1.664	1.222	0.907	0.822	0.943	1.147	1.290

Table 7-89-9

TABLE OF CORRECTED ACCELERATION RECORD

NO. 9

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	1.282	1.126	0.894	0.669	0.489	0.327	0.112	-0.219	-0.671	-1.184
4011	40.10	-1.669	-2.016	-2.222	-2.308	-2.329	-2.317	-2.252	-2.072	-1.720	-1.203
4021	40.20	-0.621	-0.145	0.052	-0.120	-0.607	-1.228	-1.739	-1.939	-1.754	-1.263
4031	40.30	-0.652	-0.117	0.223	0.370	0.429	0.528	0.743	1.053	1.353	1.516
4041	40.40	1.469	1.236	0.923	0.663	0.539	0.544	0.585	0.542	0.342	0.006
4051	40.50	-0.354	-0.587	-0.581	-0.324	0.088	0.494	0.758	0.811	0.702	0.559
4061	40.60	0.520	0.667	0.984	1.366	1.675	1.805	1.727	1.500	1.233	1.035
4071	40.70	0.965	1.015	1.119	1.197	1.189	1.087	0.931	0.797	0.761	0.875
4081	40.80	1.148	1.534	1.940	2.247	2.331	2.107	1.558	0.759	-0.127	-0.890
4091	40.90	-1.342	-1.386	-1.067	-0.576	-0.185	-0.154	-0.622	-1.541	-2.678	-3.700
4101	41.00	-4.288	-4.271	-3.686	-2.767	-1.854	-1.250	-1.111	-1.382	-1.836	-2.176
4111	41.10	-2.166	-1.731	-0.988	-0.194	0.372	0.524	0.251	-0.288	-0.827	-1.116
4121	41.20	-1.022	-0.583	0.019	0.533	0.750	0.581	0.093	-0.539	-1.100	-1.425
4131	41.30	-1.452	-1.224	-0.850	-0.442	-0.068	0.265	0.591	0.947	1.337	1.719
4141	41.40	2.024	2.190	2.193	2.064	1.870	1.689	1.576	1.537	1.555	1.592
4151	41.50	1.614	1.609	1.574	1.510	1.409	1.255	1.042	0.787	0.536	0.346
4161	41.60	0.256	0.255	0.275	0.207	-0.044	-0.506	-1.112	-1.705	-2.098	-2.150
4171	41.70	-1.832	-1.248	-0.601	-0.117	0.048	-0.136	-0.564	-1.042	-1.369	-1.408
4181	41.80	-1.133	-0.625	-0.037	0.466	0.756	0.763	0.487	-0.014	-0.638	-1.260
4191	41.90	-1.752	-2.011	-1.993	-1.733	-1.349	-1.005	-0.853	-0.972	-1.318	-1.739
4201	42.00	-2.028	-2.014	-1.647	-1.030	-0.385	0.037	0.069	-0.294	-0.882	-1.418
4211	42.10	-1.636	-1.389	-0.710	0.205	1.088	1.717	2.002	2.011	1.928	1.951
4221	42.20	2.198	2.647	3.155	3.514	3.553	3.209	2.553	1.762	1.044	0.565
4231	42.30	0.392	0.480	0.706	0.925	1.026	0.964	0.768	0.512	0.282	0.143
4241	42.40	0.115	0.177	0.280	0.367	0.395	0.344	0.221	0.053	-0.119	-0.257
4251	42.50	-0.323	-0.296	-0.174	0.021	0.241	0.419	0.487	0.402	0.168	-0.154
4261	42.60	-0.456	-0.620	-0.565	-0.291	0.108	0.472	0.631	0.486	0.055	-0.513
4271	42.70	-0.998	-1.199	-1.025	-0.548	0.019	0.408	0.416	-0.003	-0.707	-1.427
4281	42.80	-1.886	-1.910	-1.528	-0.934	-0.405	-0.169	-0.300	-0.691	-1.114	-1.335
4291	42.90	-1.235	-0.867	-0.426	-0.152	-0.206	-0.593	-1.158	-1.661	-1.894	-1.778
4301	43.00	-1.394	-0.939	-0.621	-0.557	-0.721	-0.958	-1.066	-0.897	-0.429	0.220
4311	43.10	0.852	1.273	1.377	1.191	0.848	0.527	0.378	0.458	0.724	1.059
4321	43.20	1.327	1.431	1.337	1.082	0.745	0.414	0.160	0.022	0.008	0.107
4331	43.30	0.295	0.534	0.775	0.955	1.006	0.879	0.566	0.119	-0.354	-0.711
4341	43.40	-0.827	-0.641	-0.190	0.402	0.957	1.311	1.378	1.177	0.819	0.455
4351	43.50	0.201	0.094	0.078	0.051	-0.078	-0.326	-0.623	-0.847	-0.892	-0.732
4361	43.60	-0.441	-0.164	-0.034	-0.103	-0.305	-0.490	-0.512	-0.319	0.001	0.254
4371	43.70	0.238	-0.136	-0.779	-1.441	-1.829	-1.750	-1.224	-0.488	0.106	0.268
4381	43.80	-0.083	-0.765	-1.417	-1.679	-1.374	-0.615	0.244	0.768	0.657	-0.104
4391	43.90	-1.230	-2.266	-2.799	-2.651	-1.942	-1.026	-0.301	-0.015	-0.152	-0.455
4401	44.00	-0.573	-0.247	0.545	1.573	2.459	2.849	2.583	1.764	0.714	-0.164
4411	44.10	-0.559	-0.365	0.287	1.100	1.743	1.979	1.749	1.174	0.494	-0.035
4421	44.20	-0.236	-0.066	0.373	0.893	1.292	1.436	1.310	1.017	0.732	0.623
4431	44.30	0.772	1.138	1.567	1.864	1.880	1.585	1.089	0.594	0.304	0.329
4441	44.40	0.632	1.050	1.373	1.442	1.221	0.810	0.386	0.113	0.064	0.194
4451	44.50	0.381	0.500	0.492	0.393	0.300	0.307	0.438	0.626	0.745	0.678
4461	44.60	0.380	-0.092	-0.613	-1.046	-1.313	-1.422	-1.447	-1.474	-1.546	-1.645
4471	44.70	-1.716	-1.715	-1.654	-1.605	-1.657	-1.857	-2.160	-2.433	-2.515	-2.306
4481	44.80	-1.833	-1.261	-0.823	-0.715	-0.989	-1.519	-2.048	-2.304	-2.123	-1.529
4491	44.90	-0.718	0.034	0.502	0.616	0.478	0.304	0.310	0.603	1.131	1.712

Table 7-89-10

TABLE OF CORRECTED ACCELERATION RECORD

NO.10

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	2.126	2.220	1.968	1.480	0.937	0.505	0.267	0.202	0.210	0.176
4511	45.10	0.025	-0.245	-0.570	-0.850	-0.993	-0.936	-0.660	-0.187	0.426	1.093
4521	45.20	1.709	2.160	2.352	2.245	1.879	1.376	0.907	0.633	0.637	0.885
4531	45.30	1.232	1.476	1.445	1.068	0.413	-0.343	-0.980	-1.332	-1.343	-1.079
4541	45.40	-0.689	-0.327	-0.090	0.013	0.039	0.060	0.109	0.149	0.100	-0.120
4551	45.50	-0.526	-1.047	-1.531	-1.809	-1.765	-1.390	-0.796	-0.174	0.278	0.432
4561	45.60	0.276	-0.089	-0.488	-0.747	-0.755	-0.498	-0.059	0.420	0.794	0.964
4571	45.70	0.914	0.706	0.458	0.297	0.312	0.516	0.835	1.133	1.259	1.107
4581	45.80	0.663	0.021	-0.645	-1.138	-1.318	-1.149	-0.714	-0.179	0.273	0.511
4591	45.90	0.501	0.294	-0.012	-0.331	-0.629	-0.920	-1.240	-1.591	-1.921	-2.128
4601	46.00	-2.110	-1.824	-1.322	-0.743	-0.260	-0.002	0.003	-0.166	-0.372	-0.495
4611	46.10	-0.503	-0.466	-0.508	-0.725	-1.104	-1.503	-1.699	-1.494	-0.824	0.188
4621	46.20	1.261	2.066	2.366	2.119	1.494	0.795	0.318	0.227	0.491	0.917
4631	46.30	1.263	1.362	1.204	0.923	0.714	0.711	0.897	1.104	1.091	0.680
4641	46.40	-0.134	-1.146	-2.014	-2.399	-2.119	-1.247	-0.083	0.961	1.537	1.502
4651	46.50	0.974	0.264	-0.279	-0.431	-0.197	0.200	0.434	0.244	-0.430	-1.402
4661	46.60	-2.313	-2.792	-2.622	-1.835	-0.705	0.379	1.077	1.241	0.952	0.464
4671	46.70	0.060	-0.088	0.016	0.208	0.280	0.106	-0.284	-0.707	-0.931	-0.799
4681	46.80	-0.321	0.322	0.871	1.118	1.028	0.753	0.568	0.719	1.294	2.159
4691	46.90	3.008	3.500	3.417	2.760	1.750	0.724	-0.015	-0.322	-0.243	0.042
4701	47.00	0.331	0.503	0.567	0.612	0.723	0.898	1.026	0.943	0.535	-0.174
4711	47.10	-0.993	-1.633	-1.839	-1.507	-0.750	0.148	0.859	1.154	1.003	0.576
4721	47.20	0.146	-0.051	0.071	0.410	0.744	0.843	0.593	0.045	-0.617	-1.169
4731	47.30	-1.447	-1.413	-1.141	-0.759	-0.366	0.003	0.368	0.747	1.101	1.314
4741	47.40	1.244	0.799	0.023	-0.884	-1.626	-1.926	-1.664	-0.941	-0.063	0.576
4751	47.50	0.663	0.097	-0.954	-2.122	-2.981	-3.215	-2.740	-1.722	-0.508	0.517
4761	47.60	1.064	1.033	0.520	-0.237	-0.962	-1.427	-1.514	-1.226	-0.665	0.013
4771	47.70	0.642	1.082	1.245	1.100	0.681	0.073	-0.604	-1.218	-1.657	-1.842
4781	47.80	-1.746	-1.392	-0.844	-0.196	0.448	0.983	1.330	1.445	1.341	1.087
4791	47.90	0.794	0.582	0.536	0.670	0.918	1.155	1.244	1.093	0.693	0.125
4801	48.00	-0.476	-0.975	-1.287	-1.396	-1.348	-1.207	-1.019	-0.790	-0.495	-0.113
4811	48.10	0.340	0.798	1.160	1.332	1.275	1.025	0.682	0.372	0.187	0.151
4821	48.20	0.214	0.282	0.266	0.125	-0.116	-0.372	-0.545	-0.555	-0.380	-0.056
4831	48.30	0.332	0.678	0.890	0.910	0.730	0.390	-0.024	-0.412	-0.679	-0.769
4841	48.40	-0.682	-0.475	-0.237	-0.052	0.036	0.044	0.029	0.053	0.129	0.205
4851	48.50	0.168	-0.095	-0.634	-1.384	-2.169	-2.756	-2.954	-2.695	-2.068	-1.289
4861	48.60	-0.606	-0.201	-0.117	-0.254	-0.435	-0.497	-0.368	-0.088	0.232	0.482
4871	48.70	0.627	0.715	0.843	1.085	1.427	1.754	1.907	1.762	1.320	0.727
4881	48.80	0.225	0.067	0.304	0.922	1.666	2.237	2.396	2.067	1.361	0.515
4891	48.90	-0.217	-0.674	-0.839	-0.816	-0.744	-0.706	-0.673	-0.530	-0.150	0.497
4901	49.00	1.288	1.966	2.235	1.905	1.006	-0.180	-1.207	-1.627	-1.190	0.037
4911	49.10	1.655	3.074	3.724	3.281	1.806	-0.277	-2.324	-3.716	-4.075	-3.385
4921	49.20	-1.970	-0.337	1.026	1.822	2.006	1.738	1.248	0.698	0.121	-0.562
4931	49.30	-1.428	-2.450	-3.436	-4.080	-4.088	-3.329	-1.933	-0.271	1.171	1.992
4941	49.40	2.041	1.479	0.714	0.218	0.319	1.051	2.132	3.078	3.399	2.804
4951	49.50	1.330	-0.660	-2.590	-3.873	-4.100	-3.179	-1.360	0.840	2.796	3.959
4961	49.60	4.016	2.977	1.169	-0.863	-2.525	-3.352	-3.146	-2.028	-0.383	1.279
4971	49.70	2.502	3.030	2.875	2.286	1.629	1.242	1.304	1.788	2.481	3.075
4981	49.80	3.270	2.865	1.805	0.189	-1.761	-3.739	-5.410	-6.481	-6.757	-6.209
4991	49.90	-4.994	-3.431	-1.912	-0.789	-0.250	-0.263	-0.604	-0.965	-1.097	-0.925

Table 7-89-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.576	-0.308	-0.373	-0.876	-1.705	-2.568	-3.109	-3.064	-2.367	-1.168
5011	50.10	0.234	1.520	2.453	2.931	2.960	2.594	1.882	0.856	-0.420	-1.800
5021	50.20	-3.023	-3.767	-3.747	-2.845	-1.190	0.852	2.792	4.175	4.742	4.496
5031	50.30	3.674	2.633	1.699	1.061	0.734	0.597	0.484	0.262	-0.112	-0.594
5041	50.40	-1.073	-1.413	-1.482	-1.179	-0.455	0.663	2.051	3.486	4.687	5.383
5051	50.50	5.406	4.747	3.575	2.167	0.809	-0.310	-1.146	-1.776	-2.317	-2.807
5061	50.60	-3.162	-3.193	-2.694	-1.570	0.083	1.967	3.672	4.803	5.119	4.588
5071	50.70	3.371	1.745	-0.006	-1.655	-3.055	-4.118	-4.782	-5.001	-4.766	-4.130
5081	50.80	-3.231	-2.264	-1.421	-0.825	-0.489	-0.328	-0.225	-0.105	0.017	0.051
5091	50.90	-0.106	-0.477	-0.971	-1.392	-1.539	-1.303	-0.739	-0.050	0.512	0.778
5101	51.00	0.760	0.653	0.743	1.252	2.203	3.381	4.405	4.894	4.623	3.627
5111	51.10	2.167	0.610	-0.732	-1.714	-2.372	-2.831	-3.176	-3.355	-3.182	-2.437
5121	51.20	-1.018	0.937	3.029	4.710	5.471	5.039	3.490	1.223	-1.180	-3.168
5131	51.30	-4.392	-4.790	-4.552	-3.988	-3.380	-2.878	-2.469	-2.045	-1.495	-0.794
5141	51.40	-0.044	0.567	0.840	0.664	0.069	-0.766	-1.572	-2.084	-2.135	-1.723
5151	51.50	-1.007	-0.251	0.278	0.413	0.162	-0.291	-0.669	-0.668	-0.178	0.736
5161	51.60	1.797	2.626	2.898	2.488	1.542	0.440	-0.341	-0.414	0.355	1.789
5171	51.70	3.461	4.864	5.593	5.491	4.686	3.507	2.336	1.451	0.943	0.725
5181	51.80	0.615	0.456	0.193	-0.109	-0.328	-0.359	-0.189	0.096	0.359	0.488
5191	51.90	0.457	0.342	0.274	0.357	0.601	0.888	1.014	0.768	0.025	-1.183
5201	52.00	-2.661	-4.097	-5.154	-5.566	-5.207	-4.133	-2.559	-0.822	0.704	1.687
5211	52.10	1.917	1.361	0.177	-1.323	-2.756	-3.783	-4.209	-4.044	-3.483	-2.828
5221	52.20	-2.355	-2.204	-2.316	-2.460	-2.335	-1.705	-0.514	1.068	2.686	3.920
5231	52.30	4.425	4.051	2.894	1.266	-0.401	-1.689	-2.300	-2.135	-1.294	-0.031
5241	52.40	1.329	2.481	3.211	3.437	3.199	2.626	1.883	1.117	0.435	-0.107
5251	52.50	-0.487	-0.699	-0.740	-0.616	-0.355	-0.011	0.346	0.659	0.928	1.223
5261	52.60	1.665	2.371	3.362	4.508	5.524	6.048	5.784	4.633	2.785	0.677
5271	52.70	-1.139	-2.205	-2.332	-1.678	-0.684	0.108	0.272	-0.329	-1.503	-2.825
5281	52.80	-3.824	-4.170	-3.797	-2.894	-1.803	-0.867	-0.306	-0.168	-0.359	-0.727
5291	52.90	-1.142	-1.533	-1.879	-2.172	-2.385	-2.473	-2.400	-2.180	-1.891	-1.648
5301	53.00	-1.541	-1.575	-1.641	-1.550	-1.116	-0.261	0.913	2.119	2.969	3.100
5311	53.10	2.317	0.681	-1.484	-3.677	-5.366	-6.145	-5.857	-4.637	-2.860	-1.024
5321	53.20	0.408	1.151	1.176	0.708	0.131	-0.155	0.114	0.971	2.205	3.443
5331	53.30	4.294	4.494	3.998	2.991	1.806	0.798	0.218	0.144	0.478	1.013
5341	53.40	1.520	1.827	1.851	1.602	1.152	0.611	0.166	-0.227	-0.256	0.117
5351	53.50	0.911	2.040	3.301	4.420	5.128	5.246	4.749	3.770	2.543	1.314
5361	53.60	0.268	-0.519	-1.062	-1.412	-1.608	-1.650	-1.515	-1.208	-0.793	-0.399
5371	53.70	-0.169	-0.196	-0.454	-0.800	-1.021	-0.941	-0.511	0.148	0.781	1.107
5381	53.80	0.940	0.276	-0.697	-1.683	-2.401	-2.706	-2.640	-2.396	-2.213	-2.252
5391	53.90	-2.511	-2.826	-2.945	-2.659	-1.906	-0.824	0.291	1.097	1.336	0.941
5401	54.00	0.057	-1.016	-1.938	-2.455	-2.481	-2.105	-1.536	-0.995	-0.620	-0.420
5411	54.10	-0.283	-0.047	0.416	1.138	2.034	2.934	3.650	4.038	4.033	3.657
5421	54.20	2.987	2.129	1.196	0.308	-0.406	-0.814	-0.808	-0.354	0.467	1.448
5431	54.30	2.294	2.710	2.508	1.684	0.436	-0.502	-1.952	-2.439	-2.257	-1.485
5441	54.40	-0.337	0.930	2.096	3.023	3.649	3.958	3.945	3.611	2.978	2.110
5451	54.50	1.123	0.159	-0.668	-1.319	-1.848	-2.377	-3.024	-3.832	-4.726	-5.529
5461	54.60	-6.029	-6.073	-5.633	-4.825	-3.855	-2.943	-2.241	-1.795	-1.562	-1.463
5471	54.70	-1.436	-1.466	-1.571	-1.760	-1.995	-2.178	-2.188	-1.933	-1.401	-0.682
5481	54.80	0.062	0.663	1.009	1.090	0.992	0.851	0.788	0.861	1.044	1.243
5491	54.90	1.345	1.258	0.953	0.468	-0.093	-0.592	-0.885	-0.852	-0.435	0.347

Table 7-89-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	1.383	2.494	3.468	4.118	4.336	4.124	3.582	2.872	2.154	1.539
5511	55.10	1.064	0.708	0.427	0.193	0.013	-0.079	-0.057	0.074	0.266	0.446
5521	55.20	0.549	0.557	0.502	0.452	0.476	0.601	0.802	1.013	1.157	1.185
5531	55.30	1.086	0.890	0.638	0.369	0.111	-0.104	-0.228	-0.188	0.090	0.640
5541	55.40	1.413	2.267	2.985	3.349	3.213	2.565	1.529	0.319	-0.845	-1.815
5551	55.50	-2.553	-3.116	-3.595	-4.046	-4.446	-4.696	-4.668	-4.274	-3.514	-2.488
5561	55.60	-1.369	-0.343	0.442	0.914	1.076	0.991	0.754	0.474	0.253	0.174
5571	55.70	0.289	0.592	1.018	1.447	1.743	1.806	1.621	1.279	0.947	0.805
5581	55.80	0.963	1.405	1.981	2.463	2.637	2.388	1.747	0.875	-0.005	-0.703
5591	55.90	-1.130	-1.316	-1.381	-1.469	-1.681	-2.045	-2.516	-3.012	-3.451	-3.776
5601	56.00	-3.946	-3.931	-3.690	-3.182	-2.392	-1.362	-0.209	0.885	1.719	2.138
5611	56.10	2.087	1.632	0.941	0.228	-0.317	-0.579	-0.544	-0.284	0.087	0.458
5621	56.20	0.760	0.980	1.153	1.333	1.568	1.870	2.209	2.517	2.717	2.747
5631	56.30	2.596	2.309	1.983	1.730	1.636	1.714	1.888	2.015	1.930	1.516
5641	56.40	0.755	-0.254	-1.321	-2.232	-2.822	-3.028	-2.902	-2.585	-2.238	-1.989
5651	56.50	-1.892	-1.926	-2.017	-2.084	-2.064	-1.930	-1.686	-1.356	-0.974	-0.579
5661	56.60	-0.214	0.078	0.268	0.353	0.362	0.346	0.352	0.390	0.413	0.327
5671	56.70	0.037	-0.501	-1.224	-1.961	-2.476	-2.552	-2.084	-1.129	0.106	1.338
5681	56.80	2.311	2.890	3.096	3.070	2.990	2.975	3.034	3.068	2.940	2.554
5691	56.90	1.922	1.174	0.503	0.087	0.003	0.198	0.506	0.726	0.699	0.371
5701	57.00	-0.192	-0.843	-1.414	-1.782	-1.905	-1.826	-1.647	-1.478	-1.407	-1.470
5711	57.10	-1.655	-1.911	-2.177	-2.398	-2.550	-2.636	-2.686	-2.736	-2.810	-2.896
5721	57.20	-2.945	-2.881	-2.629	-2.151	-1.471	-0.684	0.066	0.636	0.931	0.937
5731	57.30	0.730	0.446	0.231	0.187	0.348	0.674	1.082	1.484	1.827	2.103
5741	57.40	2.354	2.595	2.887	3.221	3.566	3.858	4.071	4.132	4.020	3.726
5751	57.50	3.253	2.626	1.888	1.116	0.408	-0.127	-0.392	-0.337	0.028	0.618
5761	57.60	1.293	1.890	2.267	2.332	2.071	1.542	0.852	0.122	-0.544	-1.083
5771	57.70	-1.481	-1.763	-1.970	-2.146	-2.317	-2.492	-2.666	-2.826	-2.959	-3.054
5781	57.80	-3.095	-3.065	-2.946	-2.725	-2.411	-2.030	-1.628	-1.250	-0.930	-0.674
5791	57.90	-0.462	-0.267	-0.078	0.085	0.171	0.125	-0.080	-0.411	-0.767	-1.010
5801	58.00	-1.020	-0.756	-0.285	0.226	0.568	0.583	0.232	-0.371	-0.995	-1.371
5811	58.10	-1.304	-0.749	0.164	1.174	1.981	2.355	2.209	1.616	0.778	-0.058
5821	58.20	-0.679	-0.962	-0.892	-0.540	-0.022	0.546	1.077	1.523	1.864	2.100
5831	58.30	2.237	2.283	2.248	2.148	2.006	1.855	1.733	1.678	1.714	1.849
5841	58.40	2.055	2.274	2.423	2.414	2.184	1.718	1.065	0.326	-0.382	-0.964
5851	58.50	-1.388	-1.693	-1.970	-2.315	-2.772	-3.302	-3.779	-4.026	-3.933	-3.421
5861	58.60	-2.580	-1.605	-0.743	-0.215	-0.134	-0.476	-1.090	-1.761	-2.289	-2.552
5871	58.70	-2.537	-2.317	-2.006	-1.693	-1.414	-1.143	-0.825	-0.421	0.059	0.552
5881	58.80	0.964	1.223	1.309	1.275	1.220	1.253	1.433	1.750	2.128	2.458
5891	58.90	2.653	2.678	2.560	2.366	2.156	1.957	1.752	1.501	1.188	0.844
5901	59.00	0.558	0.443	0.582	0.979	1.540	2.102	2.493	2.607	2.444	2.111
5911	59.10	1.766	1.547	1.506	1.589	1.662	1.579	1.249	0.680	-0.029	-0.736
5921	59.20	-1.314	-1.703	-1.922	-2.040	-2.135	-2.250	-2.378	-2.474	-2.485	-2.385
5931	59.30	-2.178	-1.898	-1.576	-1.228	-0.852	-0.444	-0.019	0.371	0.650	0.742
5941	59.40	0.617	0.305	-0.101	-0.483	-0.748	-0.869	-0.898	-0.940	-1.101	-1.433
5951	59.50	-1.901	-2.387	-2.733	-2.803	-2.533	-1.958	-1.202	-0.432	0.195	0.576
5961	59.60	0.690	0.589	0.374	0.161	0.044	0.074	0.243	0.492	0.725	0.837
5971	59.70	0.748	0.435	-0.057	-0.610	-1.070	-1.291	-1.188	-0.775	-0.168	0.449
5981	59.80	0.881	0.996	0.775	0.318	-0.184	-0.520	-0.535	-0.188	0.432	1.138
5991	59.90	1.712	1.977	1.856	1.393	0.723	0.022	-0.560	-0.940	-1.119	-1.156

Table 7-89-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-1.133	-1.106	-1.089	-1.052	-0.946	-0.740	-0.441	-0.098	0.220	0.449
6011	60.10	0.556	0.554	0.485	0.400	0.336	0.302	0.290	0.286	0.293	0.333
6021	60.20	0.439	0.630	0.896	1.192	1.447	1.599	1.614	1.506	1.326	1.133
6031	60.30	0.968	0.836	0.713	0.570	0.400	0.234	0.131	0.145	0.289	0.522
6041	60.40	0.756	0.903	0.920	0.838	0.754	0.775	0.956	1.248	1.504	1.528
6051	60.50	1.174	0.427	-0.568	-1.539	-2.198	-2.357	-2.017	-1.374	-0.741	-0.419
6061	60.60	-0.569	-1.149	-1.932	-2.612	-2.934	-2.798	-2.290	-1.628	-1.058	-0.742
6071	60.70	-0.702	-0.827	-0.947	-0.922	-0.710	-0.384	-0.085	0.049	-0.051	-0.354
6081	60.80	-0.752	-1.115	-1.341	-1.395	-1.302	-1.111	-0.861	-0.556	-0.174	0.303
6091	60.90	0.862	1.436	1.927	2.239	2.325	2.210	1.990	1.792	1.720	1.815
6101	61.00	2.033	2.269	2.398	2.329	2.037	1.579	1.062	0.606	0.304	0.194
6111	61.10	0.254	0.425	0.633	0.817	0.943	1.002	1.002	0.953	0.862	0.733
6121	61.20	0.573	0.398	0.237	0.120	0.064	0.062	0.076	0.046	-0.089	-0.360
6131	61.30	-0.750	-1.189	-1.572	-1.794	-1.788	-1.558	-1.176	-0.762	-0.438	-0.283
6141	61.40	-0.305	-0.438	-0.574	-0.612	-0.505	-0.277	-0.022	0.139	0.107	-0.154
6151	61.50	-0.598	-1.109	-1.552	-1.816	-1.857	-1.710	-1.474	-1.264	-1.170	-1.219
6161	61.60	-1.367	-1.520	-1.575	-1.469	-1.204	-0.859	-0.557	-0.419	-0.513	-0.823
6171	61.70	-1.241	-1.607	-1.758	-1.593	-1.106	-0.399	0.359	0.989	1.366	1.458
6181	61.80	1.334	1.133	1.002	1.042	1.266	1.601	1.915	2.070	1.980	1.638
6191	61.90	1.124	0.574	0.133	-0.089	-0.060	0.174	0.504	0.797	0.939	0.872
6201	62.00	0.609	0.222	-0.183	-0.511	-0.700	-0.743	-0.674	-0.547	-0.407	-0.270
6211	62.10	-0.127	0.040	0.238	0.445	0.616	0.700	0.677	0.569	0.440	0.370
6221	62.20	0.414	0.570	0.778	0.946	0.995	0.905	0.730	0.572	0.529	0.645
6231	62.30	0.871	1.091	1.167	1.013	0.639	0.150	-0.302	-0.587	-0.660	-0.573
6241	62.40	-0.460	-0.368	-0.395	-0.463	-0.453	-0.253	0.167	0.720	1.229	1.495
6251	62.50	1.391	0.918	0.209	-0.525	-1.082	-1.341	-1.298	-1.035	-0.673	-0.307
6261	62.60	0.017	0.296	0.535	0.718	0.799	0.737	0.529	0.244	0.007	-0.044
6271	62.70	0.167	0.613	1.153	1.581	1.711	1.454	0.850	0.054	-0.738	-1.364
6281	62.80	-1.752	-1.928	-1.978	-1.989	-2.005	-2.008	-1.966	-1.775	-1.495	-1.161
6291	62.90	-0.858	-0.664	-0.615	-0.690	-0.830	-0.963	-1.037	-1.035	-0.965	-0.847
6301	63.00	-0.693	-0.504	-0.273	-0.004	0.283	0.558	0.786	0.950	1.051	1.103
6311	63.10	1.122	1.111	1.057	0.944	0.769	0.561	0.378	0.287	0.343	0.554
6321	63.20	0.876	1.226	1.506	1.641	1.599	1.396	1.083	0.725	0.372	0.054
6331	63.30	-0.222	-0.463	-0.676	-0.862	-1.014	-1.112	-1.138	-1.073	-0.910	-0.658
6341	63.40	-0.353	-0.048	0.191	0.304	0.262	0.079	-0.190	-0.466	-0.679	-0.790
6351	63.50	-0.812	-0.797	-0.807	-0.886	-1.034	-1.209	-1.352	-1.412	-1.373	-1.261
6361	63.60	-1.118	-0.982	-0.859	-0.721	-0.527	-0.254	0.079	0.407	0.637	0.693
6371	63.70	0.551	0.253	-0.101	-0.396	-0.541	-0.504	-0.314	-0.047	0.217	0.420
6381	63.80	0.545	0.613	0.657	0.706	0.762	0.805	0.801	0.720	0.554	0.327
6391	63.90	0.086	-0.100	-0.169	-0.080	0.172	0.542	0.949	1.291	1.478	1.458
6401	64.00	1.238	0.877	0.467	0.099	-0.174	-0.347	-0.455	-0.540	-0.621	-0.678
6411	64.10	-0.657	-0.502	-0.194	0.228	0.668	1.011	1.166	1.112	0.904	0.648
6421	64.20	0.458	0.402	0.477	0.617	0.730	0.740	0.627	0.424	0.200	0.023
6431	64.30	-0.074	-0.100	-0.090	-0.084	-0.098	-0.122	-0.130	-0.098	-0.028	0.053
6441	64.40	0.106	0.104	0.064	-0.043	-0.107	-0.108	-0.032	0.100	0.240	0.339
6451	64.50	0.362	0.307	0.202	0.092	0.016	0.001	0.045	0.130	0.223	0.293
6461	64.60	0.313	0.267	0.154	-0.010	-0.200	-0.385	-0.539	-0.653	-0.736	-0.816
6471	64.70	-0.923	-1.077	-1.269	-1.465	-1.616	-1.680	-1.644	-1.530	-1.386	-1.266
6481	64.80	-1.197	-1.174	-1.157	-1.104	-0.990	-0.831	-0.678	-0.591	-0.606	-0.709
6491	64.90	-0.833	-0.888	-0.804	-0.568	-0.240	0.073	0.260	0.268	0.127	-0.056

Table 7-89-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-0.140	-0.020	0.325	0.811	1.285	1.585	1.614	1.381	1.000	0.635
6511	65.10	0.435	0.467	0.694	0.997	1.238	1.323	1.244	1.079	0.947	0.948
6521	65.20	1.111	1.379	1.634	1.752	1.664	1.383	1.003	0.658	0.461	0.464
6531	65.30	0.642	0.910	1.168	1.342	1.408	1.391	1.338	1.290	1.258	1.221
6541	65.40	1.141	0.987	0.756	0.472	0.179	-0.084	-0.297	-0.468	-0.628	-0.808
6551	65.50	-1.026	-1.273	-1.510	-1.684	-1.743	-1.657	-1.432	-1.112	-0.774	-0.506
6561	65.60	-0.385	-0.450	-0.688	-1.028	-1.365	-1.589	-1.624	-1.460	-1.158	-0.827
6571	65.70	-0.585	-0.513	-0.614	-0.821	-1.016	-1.087	-0.974	-0.693	-0.333	-0.011
6581	65.80	0.175	0.194	0.084	-0.061	-0.140	-0.091	0.083	0.318	0.518	0.603
6591	65.90	0.544	0.367	0.145	-0.041	-0.136	-0.132	-0.064	0.013	0.050	0.032
6601	66.00	-0.019	-0.058	-0.041	0.053	0.207	0.368	0.477	0.483	0.375	0.181
6611	66.10	-0.038	-0.211	-0.281	-0.230	-0.075	0.140	0.364	0.562	0.721	0.851
6621	66.20	0.966	1.069	1.140	1.142	1.060	0.820	0.508	0.170	-0.116	-0.282
6631	66.30	-0.304	-0.211	-0.072	0.035	0.058	-0.011	-0.131	-0.242	-0.298	-0.289
6641	66.40	-0.248	-0.230	-0.281	-0.411	-0.584	-0.737	-0.810	-0.778	-0.665	-0.526
6651	66.50	-0.420	-0.380	-0.391	-0.408	-0.380	-0.285	-0.146	-0.024	0.014	-0.066
6661	66.60	-0.248	-0.467	-0.643	-0.721	-0.700	-0.631	-0.589	-0.632	-0.767	-0.940
6671	66.70	-1.068	-1.075	-0.934	-0.681	-0.397	-0.166	-0.033	0.012	0.026	0.073
6681	66.80	0.189	0.352	0.503	0.570	0.518	0.375	0.218	0.147	0.229	0.466
6691	66.90	0.788	1.085	1.251	1.228	1.029	0.721	0.396	0.130	-0.033	-0.087
6701	67.00	-0.040	0.099	0.324	0.627	0.970	1.281	1.461	1.417	1.109	0.571
6711	67.10	-0.080	-0.686	-1.103	-1.257	-1.169	-0.938	-0.694	-0.538	-0.505	-0.552
6721	67.20	-0.597	-0.563	-0.421	-0.200	0.027	0.187	0.244	0.215	0.154	0.124
6731	67.30	0.157	0.245	0.344	0.403	0.388	0.306	0.184	0.066	-0.039	-0.138
6741	67.40	-0.262	-0.435	-0.652	-0.874	-1.035	-1.074	-0.964	-0.724	-0.412	-0.100
6751	67.50	0.160	0.349	0.482	0.588	0.689	0.783	0.847	0.855	0.801	0.704
6761	67.60	0.611	0.568	0.601	0.700	0.820	0.906	0.916	0.840	0.704	0.558
6771	67.70	0.449	0.401	0.413	0.460	0.514	0.552	0.571	0.576	0.579	0.586
6781	67.80	0.596	0.611	0.635	0.676	0.744	0.839	0.943	1.022	1.037	0.961
6791	67.90	0.797	0.573	0.337	0.136	-0.007	-0.099	-0.170	-0.257	-0.380	-0.534
6801	68.00	-0.690	-0.813	-0.879	-0.892	-0.881	-0.885	-0.932	-1.023	-1.135	-1.224
6811	68.10	-1.255	-1.211	-1.103	-0.962	-0.825	-0.713	-0.633	-0.571	-0.512	-0.448
6821	68.20	-0.383	-0.329	-0.300	-0.297	-0.304	-0.301	-0.270	-0.212	-0.149	-0.119
6831	68.30	-0.159	-0.284	-0.477	-0.693	-0.867	-0.947	-0.909	-0.771	-0.581	-0.400
6841	68.40	-0.276	-0.220	-0.207	-0.186	-0.106	0.055	0.275	0.495	0.639	0.669
6851	68.50	0.509	0.262	-0.007	-0.203	-0.250	-0.127	0.129	0.440	0.720	0.905
6861	68.60	0.979	0.967	0.919	0.877	0.857	0.840	0.788	0.669	0.479	0.249
6871	68.70	0.040	-0.085	-0.087	0.029	0.216	0.402	0.523	0.542	0.461	0.321
6881	68.80	0.172	0.060	-0.001	-0.025	-0.047	-0.106	-0.222	-0.389	-0.576	-0.733
6891	68.90	-0.818	-0.804	-0.699	-0.536	-0.369	-0.253	-0.223	-0.287	-0.417	-0.566
6901	69.00	-0.682	-0.726	-0.688	-0.586	-0.460	-0.347	-0.273	-0.237	-0.219	-0.192
6911	69.10	-0.137	-0.056	0.029	0.087	0.095	0.049	-0.031	-0.113	-0.165	-0.174
6921	69.20	-0.146	-0.100	-0.056	-0.020	0.015	0.068	0.152	0.262	0.370	0.441
6931	69.30	0.447	0.384	0.279	0.180	0.132	0.152	0.221	0.287	0.291	0.198
6941	69.40	0.015	-0.204	-0.386	-0.468	-0.428	-0.296	-0.142	-0.044	-0.052	-0.166
6951	69.50	-0.340	-0.502	-0.587	-0.570	-0.471	-0.341	-0.237	-0.187	-0.179	-0.169
6961	69.60	-0.102	0.057	0.300	0.580	0.830	0.990	1.037	0.991	0.908	0.847
6971	69.70	0.850	0.918	1.014	1.082	1.070	0.955	0.749	0.490	0.227	-0.003
6981	69.80	-0.184	-0.319	-0.416	-0.479	-0.501	-0.468	-0.372	-0.225	-0.065	0.054
6991	69.90	0.079	-0.020	-0.233	-0.514	-0.792	-1.000	-1.099	-1.084	-0.985	-0.851

Table 7-89-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.727	-0.638	-0.589	-0.569	-0.562	-0.556	-0.540	-0.508	-0.446	-0.334
7011	70.10	-0.159	0.083	0.370	0.659	0.902	1.058	1.118	1.105	1.063	1.034
7021	70.20	1.040	1.064	1.069	1.014	0.888	0.721	0.579	0.531	0.619	0.825
7031	70.30	1.076	1.271	1.319	1.187	0.910	0.583	0.315	0.192	0.241	0.426
7041	70.40	0.675	0.912	1.087	1.186	1.222	1.210	1.147	1.016	0.796	0.480
7051	70.50	0.102	-0.280	-0.595	-0.798	-0.880	-0.875	-0.861	-0.826	-0.847	-0.888
7061	70.60	-0.915	-0.906	-0.867	-0.840	-0.877	-1.011	-1.230	-1.478	-1.676	-1.755
7071	70.70	-1.694	-1.527	-1.324	-1.160	-1.078	-1.076	-1.112	-1.137	-1.123	-1.075
7081	70.80	-1.025	-1.002	-1.008	-1.012	-0.960	-0.812	-0.569	-0.279	-0.025	0.117
7091	70.90	0.116	0.003	-0.146	-0.241	-0.231	-0.118	0.039	0.165	0.203	0.146
7101	71.00	0.038	-0.057	-0.085	-0.033	0.076	0.201	0.312	0.413	0.533	0.699
7111	71.10	0.906	1.106	1.221	1.182	0.973	0.650	0.326	0.123	0.109	0.272
7121	71.20	0.514	0.706	0.749	0.627	0.417	0.247	0.233	0.417	0.741	1.074
7131	71.30	1.277	1.268	1.060	0.756	0.490	0.361	0.387	0.500	0.586	0.547
7141	71.40	0.350	0.044	-0.276	-0.513	-0.625	-0.640	-0.634	-0.685	-0.822	-1.006
7151	71.50	-1.145	-1.142	-0.947	-0.587	-0.158	0.217	0.439	0.478	0.372	0.207
7161	71.60	0.067	-0.007	-0.031	-0.064	-0.163	-0.350	-0.589	-0.801	-0.898	-0.830
7171	71.70	-0.606	-0.298	-0.009	0.173	0.208	0.124	-0.005	-0.089	-0.069	0.060
7181	71.80	0.246	0.409	0.476	0.419	0.265	0.087	-0.030	-0.025	0.113	0.334
7191	71.90	0.555	0.688	0.676	0.513	0.247	-0.046	-0.291	-0.437	-0.477	-0.439
7201	72.00	-0.368	-0.306	-0.278	-0.286	-0.319	-0.367	-0.427	-0.503	-0.600	-0.707
7211	72.10	-0.794	-0.819	-0.741	-0.542	-0.241	0.104	0.415	0.619	0.680	0.611
7221	72.20	0.472	0.350	0.320	0.418	0.629	0.889	1.110	1.220	1.182	1.012
7231	72.30	0.769	0.534	0.375	0.328	0.385	0.504	0.629	0.716	0.748	0.743
7241	72.40	0.736	0.766	0.850	0.970	1.079	1.117	1.032	0.804	0.458	0.056
7251	72.50	-0.324	-0.611	-0.766	-0.793	-0.734	-0.647	-0.588	-0.590	-0.655	-0.760
7261	72.60	-0.878	-0.985	-1.076	-1.162	-1.259	-1.378	-1.514	-1.649	-1.754	-1.803
7271	72.70	-1.778	-1.675	-1.500	-1.268	-0.997	-0.710	-0.441	-0.228	-0.112	-0.122
7281	72.80	-0.257	-0.480	-0.720	-0.889	-0.911	-0.749	-0.427	-0.016	0.384	0.686
7291	72.90	0.844	0.871	0.825	0.784	0.812	0.932	1.123	1.334	1.512	1.625
7301	73.00	1.670	1.667	1.640	1.600	1.535	1.421	1.240	0.995	0.720	0.464
7311	73.10	0.275	0.176	0.153	0.162	0.150	0.081	-0.053	-0.227	-0.399	-0.533
7321	73.20	-0.614	-0.654	-0.676	-0.708	-0.760	-0.825	-0.888	-0.936	-0.969	-0.996
7331	73.30	-1.028	-1.061	-1.076	-1.037	-0.916	-0.707	-0.438	-0.165	0.048	0.154
7341	73.40	0.148	0.060	-0.051	-0.128	-0.140	-0.089	-0.003	0.083	0.148	0.196
7351	73.50	0.247	0.325	0.436	0.565	0.679	0.745	0.748	0.696	0.616	0.535
7361	73.60	0.467	0.401	0.311	0.174	-0.012	-0.222	-0.406	-0.512	-0.510	-0.403
7371	73.70	-0.230	-0.050	0.081	0.129	0.090	-0.014	-0.151	-0.289	-0.403	-0.475
7381	73.80	-0.486	-0.419	-0.258	-0.007	0.306	0.623	0.870	0.977	0.909	0.680
7391	73.90	0.361	0.053	-0.139	-0.149	0.029	0.336	0.670	0.921	1.007	0.908
7401	74.00	0.662	0.356	0.087	-0.072	-0.095	-0.010	0.121	0.230	0.275	0.255
7411	74.10	0.210	0.198	0.260	0.402	0.583	0.735	0.794	0.731	0.568	0.375
7421	74.20	0.233	0.204	0.293	0.454	0.599	0.648	0.560	0.351	0.090	-0.139
7431	74.30	-0.271	-0.292	-0.236	-0.171	-0.161	-0.238	-0.388	-0.566	-0.717	-0.806
7441	74.40	-0.833	-0.825	-0.825	-0.862	-0.944	-1.055	-1.164	-1.246	-1.287	-1.291
7451	74.50	-1.265	-1.218	-1.150	-1.053	-0.923	-0.767	-0.599	-0.442	-0.319	-0.240
7461	74.60	-0.204	-0.202	-0.220	-0.249	-0.282	-0.310	-0.320	-0.293	-0.212	-0.070
7471	74.70	0.119	0.321	0.494	0.604	0.639	0.616	0.575	0.555	0.581	0.648
7481	74.80	0.720	0.753	0.714	0.595	0.425	0.256	0.142	0.122	0.203	0.361
7491	74.90	0.549	0.716	0.815	0.817	0.716	0.526	0.279	0.020	-0.205	-0.357

Table 7-89-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.415	-0.386	-0.302	-0.210	-0.158	-0.173	-0.255	-0.377	-0.502	-0.597
7511	75.10	-0.651	-0.676	-0.694	-0.728	-0.778	-0.823	-0.828	-0.765	-0.627	-0.439
7521	75.20	-0.247	-0.099	-0.023	-0.016	-0.049	-0.077	-0.068	-0.014	0.061	0.123
7531	75.30	0.137	0.094	0.013	-0.064	-0.098	-0.067	0.020	0.124	0.190	0.174
7541	75.40	0.057	-0.146	-0.386	-0.603	-0.736	-0.749	-0.633	-0.410	-0.123	0.176
7551	75.50	0.442	0.643	0.767	0.820	0.821	0.790	0.741	0.680	0.602	0.505
7561	75.60	0.393	0.285	0.210	0.200	0.275	0.426	0.612	0.772	0.842	0.784
7571	75.70	0.601	0.344	0.092	-0.073	-0.100	0.012	0.213	0.423	0.568	0.607
7581	75.80	0.551	0.451	0.375	0.374	0.456	0.583	0.687	0.704	0.600	0.389
7591	75.90	0.126	-0.118	-0.283	-0.346	-0.323	-0.259	-0.199	-0.171	-0.174	-0.186
7601	76.00	-0.179	-0.141	-0.078	-0.018	0.011	-0.005	-0.057	-0.120	-0.164	-0.170
7611	76.10	-0.143	-0.105	-0.081	-0.089	-0.122	-0.160	-0.177	-0.162	-0.127	-0.099
7621	76.20	-0.112	-0.180	-0.288	-0.394	-0.449	-0.420	-0.308	-0.155	-0.024	0.029
7631	76.30	-0.022	-0.157	-0.320	-0.445	-0.486	-0.436	-0.328	-0.219	-0.157	-0.161
7641	76.40	-0.213	-0.267	-0.274	-0.206	-0.071	0.091	0.225	0.288	0.259	0.152
7651	76.50	0.005	-0.139	-0.242	-0.284	-0.261	-0.177	-0.044	0.126	0.312	0.485
7661	76.60	0.609	0.647	0.580	0.415	0.188	-0.038	-0.203	-0.263	-0.213	-0.086
7671	76.70	0.058	0.162	0.188	0.134	0.033	-0.069	-0.132	-0.140	-0.103	-0.055
7681	76.80	-0.030	-0.053	-0.124	-0.227	-0.338	-0.433	-0.501	-0.537	-0.543	-0.517
7691	76.90	-0.458	-0.365	-0.250	-0.136	-0.056	-0.042	-0.108	-0.245	-0.415	-0.569
7701	77.00	-0.662	-0.669	-0.595	-0.467	-0.320	-0.181	-0.060	0.046	0.145	0.236
7711	77.10	0.308	0.338	0.311	0.228	0.114	0.009	-0.049	-0.045	0.010	0.082
7721	77.20	0.132	0.139	0.115	0.100	0.144	0.283	0.513	0.789	1.038	1.186
7731	77.30	1.189	1.048	0.809	0.545	0.329	0.209	0.198	0.274	0.393	0.504
7741	77.40	0.561	0.537	0.426	0.242	0.020	-0.192	-0.343	-0.392	-0.326	-0.164
7751	77.50	0.040	0.218	0.305	0.274	0.136	-0.052	-0.215	-0.290	-0.244	-0.093
7761	77.60	0.108	0.292	0.396	0.392	0.286	0.111	-0.085	-0.261	-0.391	-0.467
7771	77.70	-0.492	-0.481	-0.449	-0.416	-0.400	-0.419	-0.484	-0.592	-0.726	-0.853
7781	77.80	-0.938	-0.950	-0.875	-0.723	-0.521	-0.307	-0.119	0.021	0.106	0.134
7791	77.90	0.128	0.102	0.079	0.041	0.020	0.006	-0.003	-0.009	-0.012	-0.008
7801	78.00	0.009	0.047	0.111	0.202	0.311	0.425	0.528	0.606	0.656	0.678
7811	78.10	0.679	0.663	0.628	0.569	0.485	0.385	0.290	0.229	0.232	0.307
7821	78.20	0.436	0.577	0.673	0.679	0.581	0.403	0.203	0.048	-0.011	0.034
7831	78.30	0.152	0.279	0.351	0.327	0.207	0.035	-0.128	-0.223	-0.220	-0.129
7841	78.40	0.010	0.141	0.218	0.219	0.153	0.053	-0.042	-0.106	-0.131	-0.132
7851	78.50	-0.137	-0.171	-0.245	-0.351	-0.460	-0.544	-0.581	-0.572	-0.541	-0.525
7861	78.60	-0.558	-0.649	-0.780	-0.904	-0.966	-0.927	-0.781	-0.561	-0.327	-0.141
7871	78.70	-0.039	-0.015	-0.033	-0.039	-0.001	0.079	0.161	0.183	0.101	-0.092
7881	78.80	-0.349	-0.593	-0.748	-0.777	-0.700	-0.583	-0.510	-0.537	-0.663	-0.831
7891	78.90	-0.954	-0.958	-0.823	-0.593	-0.361	-0.225	-0.240	-0.396	-0.619	-0.809
7901	79.00	-0.879	-0.797	-0.591	-0.335	-0.106	0.045	0.115	0.138	0.161	0.213
7911	79.10	0.289	0.359	0.389	0.363	0.303	0.255	0.273	0.387	0.588	0.827
7921	79.20	1.038	1.168	1.197	1.145	1.059	0.991	0.967	0.984	1.013	1.017
7931	79.30	0.973	0.885	0.781	0.698	0.670	0.706	0.797	0.913	1.022	1.093
7941	79.40	1.102	1.034	0.881	0.644	0.342	0.014	-0.285	-0.494	-0.567	-0.496
7951	79.50	-0.318	-0.109	0.036	0.045	-0.112	-0.403	-0.752	-1.060	-1.249	-1.282
7961	79.60	-1.171	-0.972	-0.754	-0.576	-0.471	-0.445	-0.485	-0.572	-0.689	-0.823
7971	79.70	-0.954	-1.060	-1.111	-1.081	-0.961	-0.766	-0.535	-0.315	-0.145	-0.039
7981	79.80	0.021	0.074	0.160	0.300	0.485	0.677	0.826	0.893	0.863	0.753
7991	79.90	0.603	0.457	0.349	0.292	0.284	0.312	0.367	0.450	0.563	0.708

Table 7-89-17

TABLE OF CORRECTED ACCELERATION RECORD

NO.17

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	0.875	1.040	1.177	1.262	1.289	1.274	1.241	1.212	1.193	1.165
8011	80.10	1.093	0.945	0.707	0.402	0.079	-0.196	-0.374	-0.436	-0.407	-0.345
8021	80.20	-0.310	-0.342	-0.441	-0.565	-0.655	-0.658	-0.558	-0.383	-0.194	-0.057
8031	80.30	-0.018	-0.078	-0.199	-0.320	-0.387	-0.377	-0.305	-0.213	-0.145	-0.128
8041	80.40	-0.155	-0.196	-0.211	-0.182	-0.115	-0.043	-0.007	-0.032	-0.110	-0.209
8051	80.50	-0.283	-0.300	-0.254	-0.172	-0.092	-0.045	-0.035	-0.038	-0.017	0.052
8061	80.60	0.163	0.274	0.329	0.286	0.141	-0.060	-0.242	-0.333	-0.304	-0.180
8071	80.70	-0.033	0.049	0.011	-0.144	-0.357	-0.537	-0.607	-0.545	-0.391	-0.229
8081	80.80	-0.147	-0.188	-0.333	-0.503	-0.600	-0.556	-0.362	-0.076	0.199	0.366
8091	80.90	0.370	0.225	0.001	-0.206	-0.319	-0.307	-0.194	-0.042	0.077	0.116
8101	81.00	0.065	-0.051	-0.187	-0.298	-0.357	-0.358	-0.313	-0.241	-0.162	-0.089
8111	81.10	-0.034	-0.004	-0.002	-0.028	-0.068	-0.100	-0.099	-0.042	0.070	0.217
8121	81.20	0.353	0.427	0.600	0.263	0.047	-0.189	-0.375	-0.457	-0.419	-0.290
8131	81.30	-0.128	-0.003	0.037	-0.018	-0.133	-0.249	-0.303	-0.259	-0.121	0.071
8141	81.40	0.258	0.390	0.446	0.441	0.415	0.413	0.460	0.549	0.669	0.714
8151	81.50	0.713	0.645	0.536	0.432	0.374	0.378	0.428	0.484	0.499	0.441
8161	81.60	0.310	0.132	-0.047	-0.185	-0.257	-0.267	-0.239	-0.206	-0.195	-0.219
8171	81.70	-0.279	-0.364	-0.464	-0.575	-0.692	-0.812	-0.924	-1.009	-1.048	-1.027
8181	81.80	-0.948	-0.828	-0.702	-0.602	-0.553	-0.555	-0.588	-0.616	-0.602	-0.526
8191	81.90	-0.391	-0.223	-0.066	0.038	0.065	0.017	-0.078	-0.177	-0.235	-0.221
8201	82.00	-0.131	0.018	0.192	0.357	0.486	0.571	0.614	0.629	0.628	0.617
8211	82.10	0.600	0.579	0.560	0.549	0.552	0.566	0.577	0.558	0.523	0.442
8221	82.20	0.347	0.277	0.271	0.354	0.511	0.694	0.833	0.866	0.767	0.559
8231	82.30	0.310	0.107	0.019	0.066	0.216	0.396	0.525	0.546	0.449	0.265
8241	82.40	0.049	-0.148	-0.301	-0.414	-0.510	-0.608	-0.707	-0.790	-0.826	-0.798
8251	82.50	-0.711	-0.593	-0.488	-0.431	-0.434	-0.481	-0.538	-0.570	-0.557	-0.500
8261	82.60	-0.414	-0.319	-0.223	-0.122	-0.007	0.126	0.265	0.383	0.454	0.461
8271	82.70	0.417	0.356	0.321	0.340	0.412	0.502	0.559	0.541	0.435	0.273
8281	82.80	0.113	0.020	0.031	0.136	0.283	0.400	0.423	0.327	0.138	-0.084
8291	82.90	-0.265	-0.351	-0.325	-0.210	-0.056	0.085	0.178	0.215	0.212	0.195
8301	83.00	0.184	0.186	0.189	0.172	0.118	0.018	-0.119	-0.276	-0.427	-0.549
8311	83.10	-0.626	-0.666	-0.608	-0.514	-0.375	-0.204	-0.020	0.153	0.293	0.384
8321	83.20	0.418	0.398	0.341	0.267	0.198	0.148	0.125	0.124	0.133	0.138
8331	83.30	0.131	0.109	0.080	0.062	0.070	0.115	0.199	0.308	0.416	0.498
8341	83.40	0.532	0.515	0.461	0.396	0.354	0.356	0.405	0.465	0.560	0.597
8351	83.50	0.571	0.482	0.351	0.213	0.097	0.020	-0.023	-0.057	-0.109	-0.194
8361	83.60	-0.310	-0.435	-0.538	-0.596	-0.606	-0.583	-0.558	-0.555	-0.584	-0.633
8371	83.70	-0.676	-0.687	-0.657	-0.601	-0.550	-0.537	-0.575	-0.649	-0.718	-0.731
8381	83.80	-0.652	-0.480	-0.247	-0.013	0.165	0.253	0.252	0.194	0.126	0.084
8391	83.90	0.082	0.109	0.140	0.151	0.137	0.109	0.088	0.092	0.123	0.169
8401	84.00	0.210	0.233	0.237	0.234	0.240	0.261	0.285	0.293	0.263	0.193
8411	84.10	0.104	0.034	0.019	0.075	0.180	0.280	0.317	0.249	0.080	-0.143
8421	84.20	-0.343	-0.450	-0.430	-0.300	-0.120	0.036	0.114	0.099	0.023	-0.061
8431	84.30	-0.106	-0.094	-0.047	-0.010	-0.024	-0.108	-0.242	-0.382	-0.476	-0.497
8441	84.40	-0.451	-0.373	-0.311	-0.302	-0.351	-0.435	-0.516	-0.558	-0.548	-0.497
8451	84.50	-0.438	-0.402	-0.407	-0.445	-0.492	-0.515	-0.490	-0.412	-0.292	-0.153
8461	84.60	-0.017	0.101	0.198	0.277	0.346	0.406	0.456	0.490	0.502	0.487
8471	84.70	0.447	0.385	0.310	0.233	0.164	0.116	0.096	0.108	0.147	0.199
8481	84.80	0.249	0.281	0.290	0.282	0.268	0.264	0.276	0.298	0.312	0.298
8491	84.90	0.241	0.144	0.030	-0.067	-0.113	-0.087	0.005	0.137	0.271	0.369

Table 7-89-18

TABLE OF CORRECTED ACCELERATION RECORD

NO.18

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.411	0.397	0.347	0.290	0.251	0.240	0.251	0.270	0.277	0.263
8511	85.10	0.230	0.186	0.147	0.122	0.112	0.111	0.107	0.095	0.071	0.041
8521	85.20	0.011	-0.016	-0.046	-0.091	-0.162	-0.264	-0.388	-0.511	-0.603	-0.638
8531	85.30	-0.606	-0.519	-0.406	-0.305	-0.245	-0.234	-0.263	-0.305	-0.338	-0.350
8541	85.40	-0.350	-0.358	-0.397	-0.472	-0.563	-0.633	-0.645	-0.573	-0.427	-0.242
8551	85.50	-0.071	0.045	0.091	0.088	0.077	0.098	0.166	0.265	0.348	0.372
8561	85.60	0.315	0.197	0.073	0.008	0.045	0.182	0.369	0.528	0.594	0.540
8571	85.70	0.396	0.228	0.116	0.106	0.197	0.339	0.464	0.517	0.484	0.398
8581	85.80	0.320	0.303	0.370	0.495	0.625	0.698	0.681	0.574	0.413	0.247
8591	85.90	0.110	0.010	-0.067	-0.144	-0.234	-0.327	-0.397	-0.418	-0.385	-0.316
8601	86.00	-0.250	-0.225	-0.256	-0.329	-0.407	-0.455	-0.456	-0.429	-0.415	-0.454
8611	86.10	-0.557	-0.695	-0.802	-0.809	-0.678	-0.426	-0.121	0.144	0.289	0.287
8621	86.20	0.169	0.011	-0.109	-0.143	-0.095	-0.010	0.053	0.058	0.013	-0.035
8631	86.30	-0.029	0.066	0.241	0.444	0.607	0.678	0.653	0.571	0.495	0.476
8641	86.40	0.524	0.603	0.649	0.606	0.457	0.238	0.019	-0.126	-0.159	-0.090
8651	86.50	0.026	0.124	0.157	0.123	0.057	0.006	0.004	0.048	0.102	0.117
8661	86.60	0.065	-0.044	-0.167	-0.243	-0.233	-0.136	0.005	0.127	0.178	0.146
8671	86.70	0.059	-0.025	-0.055	-0.011	0.081	0.168	0.197	0.143	0.025	-0.107
8681	86.80	-0.196	-0.208	-0.149	-0.061	0.005	0.011	-0.045	-0.134	-0.211	-0.248
8691	86.90	-0.241	-0.217	-0.212	-0.250	-0.322	-0.391	-0.412	-0.352	-0.215	-0.041
8701	87.00	0.110	0.185	0.168	0.083	-0.015	-0.064	-0.031	0.079	0.222	0.340
8711	87.10	0.382	0.333	0.215	0.078	-0.027	-0.064	-0.031	0.046	0.128	0.179
8721	87.20	0.181	0.139	0.076	0.018	-0.018	-0.026	-0.017	-0.009	-0.018	-0.053
8731	87.30	-0.114	-0.190	-0.271	-0.350	-0.422	-0.489	-0.553	-0.613	-0.666	-0.702
8741	87.40	-0.714	-0.696	-0.650	-0.581	-0.501	-0.420	-0.343	-0.272	-0.203	-0.132
8751	87.50	-0.062	-0.001	0.039	0.046	0.017	-0.040	-0.105	-0.153	-0.159	-0.109
8761	87.60	-0.005	0.136	0.290	0.428	0.528	0.576	0.572	0.525	0.454	0.380
8771	87.70	0.322	0.294	0.300	0.331	0.370	0.395	0.391	0.353	0.294	0.235
8781	87.80	0.200	0.206	0.249	0.310	0.357	0.361	0.310	0.211	0.087	-0.027
8791	87.90	-0.106	-0.138	-0.128	-0.092	-0.047	-0.006	0.027	0.053	0.072	0.081
8801	88.00	0.073	0.043	-0.007	-0.065	-0.113	-0.135	-0.123	-0.084	-0.034	0.013
8811	88.10	0.052	0.089	0.141	0.220	0.324	0.432	0.510	0.522	0.452	0.313
8821	88.20	0.142	-0.012	-0.108	-0.132	-0.103	-0.059	-0.043	-0.077	-0.160	-0.265
8831	88.30	-0.357	-0.410	-0.421	-0.409	-0.404	-0.429	-0.491	-0.578	-0.663	-0.723
8841	88.40	-0.746	-0.738	-0.714	-0.690	-0.669	-0.645	-0.602	-0.531	-0.434	-0.326
8851	88.50	-0.227	-0.152	-0.100	-0.056	-0.000	0.075	0.160	0.224	0.230	0.157
8861	88.60	0.012	-0.165	-0.315	-0.387	-0.358	-0.248	-0.111	-0.007	0.026	-0.011
8871	88.70	-0.077	-0.113	-0.078	0.031	0.174	0.285	0.309	0.227	0.074	-0.082
8881	88.80	-0.170	-0.155	-0.055	0.068	0.139	0.111	-0.007	-0.156	-0.252	-0.236
8891	88.90	-0.102	0.094	0.260	0.314	0.227	0.041	-0.149	-0.239	-0.166	0.062
8901	89.00	0.369	0.649	0.813	0.827	0.725	0.580	0.470	0.435	0.464	0.508
8911	89.10	0.512	0.449	0.336	0.221	0.162	0.188	0.290	0.425	0.542	0.607
8921	89.20	0.621	0.613	0.622	0.666	0.732	0.782	0.774	0.688	0.541	0.379
8931	89.30	0.257	0.207	0.227	0.277	0.305	0.273	0.178	0.053	-0.052	-0.098
8941	89.40	-0.076	-0.014	0.040	0.043	-0.022	-0.130	-0.235	-0.289	-0.268	-0.182
8951	89.50	-0.077	-0.006	-0.009	-0.097	-0.247	-0.417	-0.563	-0.661	-0.710	-0.728
8961	89.60	-0.741	-0.766	-0.809	-0.859	-0.898	-0.907	-0.877	-0.806	-0.703	-0.579
8971	89.70	-0.449	-0.325	-0.218	-0.130	-0.057	0.010	0.083	0.171	0.272	0.370
8981	89.80	0.441	0.461	0.416	0.313	0.179	0.054	-0.024	-0.037	0.010	0.089
8991	89.90	0.161	0.197	0.189	0.154	0.123	0.126	0.175	0.257	0.340	0.388

Table 7-89-19

TABLE OF CORRECTED ACCELERATION RECORD

NO.19

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.379	0.314	0.221	0.137	0.095	0.102	0.142	0.180	0.179	0.120
9011	90.10	0.009	-0.125	-0.235	-0.294	-0.287	-0.226	-0.137	-0.049	0.016	0.054
9021	90.20	0.068	0.062	0.037	-0.015	-0.101	-0.216	-0.335	-0.421	-0.435	-0.352
9031	90.30	-0.181	0.039	0.246	0.385	0.425	0.371	0.262	0.148	0.069	0.039
9041	90.40	0.044	0.055	0.046	0.014	-0.024	-0.062	-0.020	0.035	0.095	0.119
9051	90.50	0.079	-0.025	-0.161	-0.280	-0.338	-0.321	-0.249	-0.167	-0.123	-0.142
9061	90.60	-0.213	-0.298	-0.354	-0.351	-0.294	-0.215	-0.158	-0.152	-0.200	-0.279
9071	90.70	-0.353	-0.399	-0.416	-0.427	-0.457	-0.519	-0.598	-0.656	-0.650	-0.560
9081	90.80	-0.400	-0.219	-0.074	-0.067	-0.020	-0.075	-0.112	-0.083	0.025	0.180
9091	90.90	0.320	0.385	0.348	0.226	0.080	-0.017	-0.015	0.100	0.292	0.502
9101	91.00	0.669	0.754	0.754	0.690	0.596	0.491	0.393	0.303	0.219	0.150
9111	91.10	0.108	0.107	0.148	0.217	0.283	0.313	0.287	0.205	0.091	-0.019
9121	91.20	-0.094	-0.121	-0.107	-0.077	-0.059	-0.072	-0.119	-0.187	-0.254	-0.302
9131	91.30	-0.322	-0.315	-0.269	-0.254	-0.217	-0.182	-0.147	-0.111	-0.075	-0.039
9141	91.40	-0.008	0.015	0.028	0.029	0.020	0.006	-0.002	0.004	0.035	0.092
9151	91.50	0.172	0.261	0.344	0.411	0.459	0.494	0.528	0.568	0.608	0.635
9161	91.60	0.627	0.569	0.461	0.320	0.175	0.056	-0.025	-0.075	-0.115	-0.166
9171	91.70	-0.236	-0.309	-0.355	-0.341	-0.254	-0.113	0.039	0.148	0.177	0.118
9181	91.80	0.001	-0.125	-0.213	-0.243	-0.225	-0.193	-0.186	-0.223	-0.298	-0.380
9191	91.90	-0.432	-0.430	-0.371	-0.275	-0.172	-0.082	-0.010	0.051	0.113	0.178
9201	92.00	0.235	0.263	0.247	0.183	0.090	-0.004	-0.071	-0.098	-0.089	-0.065
9211	92.10	-0.045	-0.037	-0.037	-0.034	-0.023	-0.013	-0.022	-0.074	-0.173	-0.299
9221	92.20	-0.413	-0.472	-0.454	-0.374	-0.278	-0.226	-0.257	-0.371	-0.520	-0.631
9231	92.30	-0.660	-0.524	-0.315	-0.089	0.074	0.118	0.044	-0.095	-0.222	-0.269
9241	92.40	-0.207	-0.056	0.132	0.298	0.410	0.469	0.505	0.552	0.632	0.735
9251	92.50	0.833	0.892	0.892	0.838	0.759	0.686	0.641	0.629	0.630	0.623
9261	92.60	0.590	0.530	0.454	0.380	0.320	0.273	0.226	0.163	0.074	-0.038
9271	92.70	-0.161	-0.276	-0.369	-0.433	-0.468	-0.478	-0.466	-0.432	-0.377	-0.306
9281	92.80	-0.228	-0.159	-0.114	-0.103	-0.122	-0.162	-0.207	-0.242	-0.265	-0.278
9291	92.90	-0.290	-0.309	-0.335	-0.363	-0.381	-0.380	-0.353	-0.301	-0.228	-0.140
9301	93.00	-0.046	0.048	0.131	0.193	0.222	0.213	0.170	0.106	0.041	-0.008
9311	93.10	-0.031	-0.031	-0.023	-0.022	-0.036	-0.062	-0.083	-0.084	-0.058	-0.017
9321	93.20	0.014	0.003	-0.064	-0.178	-0.305	-0.392	-0.396	-0.301	-0.129	0.066
9331	93.30	0.219	0.278	0.228	0.095	-0.065	-0.192	-0.244	-0.212	-0.125	-0.024
9341	93.40	0.051	0.085	0.089	0.088	0.110	0.162	0.226	0.269	0.260	0.185
9351	93.50	0.061	-0.072	-0.168	-0.193	-0.144	-0.044	0.067	0.151	0.193	0.199
9361	93.60	0.193	0.196	0.214	0.228	0.212	0.140	0.015	-0.136	-0.264	-0.324
9371	93.70	-0.301	-0.217	-0.125	-0.090	-0.153	-0.313	-0.525	-0.720	-0.834	-0.837
9381	93.80	-0.744	-0.605	-0.476	-0.391	-0.351	-0.324	-0.271	-0.173	-0.044	0.075
9391	93.90	0.135	0.110	0.018	-0.086	-0.133	-0.075	0.091	0.315	0.520	0.633
9401	94.00	0.623	0.513	0.372	0.274	0.272	0.365	0.506	0.626	0.668	0.613
9411	94.10	0.486	0.340	0.226	0.167	0.150	0.140	0.103	0.031	-0.048	-0.088
9421	94.20	-0.047	0.087	0.279	0.462	0.562	0.533	0.378	0.148	-0.075	-0.218
9431	94.30	-0.239	-0.148	0.003	0.146	0.225	0.219	0.144	0.045	-0.028	-0.039
9441	94.40	0.020	0.126	0.243	0.332	0.368	0.351	0.299	0.245	0.220	0.243
9451	94.50	0.311	0.400	0.472	0.489	0.429	0.294	0.116	-0.053	-0.162	-0.178
9461	94.60	-0.099	0.039	0.182	0.277	0.292	0.230	0.128	0.036	-0.006	0.015
9471	94.70	0.077	0.139	0.156	0.105	-0.002	-0.129	-0.228	-0.264	-0.233	-0.161
9481	94.80	-0.093	-0.069	-0.109	-0.201	-0.313	-0.406	-0.456	-0.462	-0.445	-0.432
9491	94.90	-0.438	-0.462	-0.482	-0.471	-0.415	-0.322	-0.226	-0.168	-0.183	-0.278

Table 7-89-20

TABLE OF CORRECTED ACCELERATION RECORD

NO.20

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	-0.429	-0.590	-0.714	-0.770	-0.756	-0.699	-0.639	-0.608	-0.608	-0.626
9511	95.10	-0.625	-0.571	-0.448	-0.269	-0.068	0.113	0.238	0.294	0.285	0.229
9521	95.20	0.146	0.048	-0.059	-0.169	-0.273	-0.351	-0.379	-0.340	-0.235	-0.090
9531	95.30	0.053	0.150	0.173	0.120	0.020	-0.081	-0.146	-0.155	-0.116	-0.058
9541	95.40	-0.012	0.004	-0.005	-0.018	-0.010	0.035	0.111	0.193	0.254	0.273
9551	95.50	0.251	0.205	0.158	0.129	0.124	0.135	0.151	0.170	0.201	0.260
9561	95.60	0.359	0.490	0.624	0.718	0.736	0.664	0.521	0.351	0.207	0.121
9571	95.70	0.095	0.102	0.102	0.069	0.001	-0.074	-0.116	-0.099	-0.027	0.064
9581	95.80	0.125	0.118	0.037	-0.083	-0.189	-0.233	-0.199	-0.111	-0.021	0.018
9591	95.90	-0.016	-0.102	-0.190	-0.221	-0.162	-0.022	0.152	0.297	0.368	0.354
9601	96.00	0.285	0.206	0.156	0.145	0.152	0.143	0.093	0.010	-0.070	-0.096
9611	96.10	-0.035	0.105	0.277	0.409	0.439	0.344	0.153	-0.067	-0.240	-0.317
9621	96.20	-0.295	-0.216	-0.140	-0.116	-0.155	-0.252	-0.296	-0.299	-0.224	-0.092
9631	96.30	0.049	0.149	0.177	0.137	0.062	-0.004	-0.029	-0.006	0.049	0.102
9641	96.40	0.130	0.126	0.104	0.092	0.112	0.172	0.253	0.329	0.369	0.362
9651	96.50	0.316	0.255	0.207	0.191	0.203	0.223	0.222	0.182	0.099	-0.006
9661	96.60	-0.102	-0.162	-0.171	-0.139	-0.092	-0.059	-0.059	-0.091	-0.132	-0.153
9671	96.70	-0.131	-0.060	0.038	0.128	0.172	0.148	0.057	-0.074	-0.205	-0.299
9681	96.80	-0.334	-0.309	-0.240	-0.154	-0.077	-0.025	-0.004	-0.011	-0.038	-0.074
9691	96.90	-0.108	-0.126	-0.121	-0.087	-0.033	0.022	0.050	0.027	-0.058	-0.190
9701	97.00	-0.336	-0.449	-0.494	-0.460	-0.366	-0.257	-0.181	-0.166	-0.206	-0.265
9711	97.10	-0.287	-0.233	-0.092	0.102	0.289	0.404	0.408	0.303	0.132	-0.039
9721	97.20	-0.153	-0.182	-0.137	-0.058	0.003	0.010	-0.045	-0.140	-0.237	-0.297
9731	97.30	-0.300	-0.249	-0.164	-0.079	-0.021	-0.007	-0.036	-0.092	-0.150	-0.184
9741	97.40	-0.173	-0.107	0.004	0.137	0.258	0.330	0.329	0.255	0.129	-0.008
9751	97.50	-0.112	-0.153	-0.127	-0.057	0.022	0.074	0.081	0.050	0.008	-0.016
9761	97.60	-0.003	0.043	0.103	0.151	0.169	0.159	0.137	0.126	0.139	0.172
9771	97.70	0.200	0.197	0.147	0.057	-0.039	-0.099	-0.089	-0.002	0.139	0.286
9781	97.80	0.390	0.420	0.376	0.289	0.204	0.164	0.188	0.270	0.379	0.478
9791	97.90	0.537	0.539	0.487	0.396	0.284	0.169	0.065	-0.017	-0.072	-0.094
9801	98.00	-0.089	-0.069	-0.052	-0.057	-0.099	-0.178	-0.279	-0.375	-0.439	-0.452
9811	98.10	-0.410	-0.326	-0.224	-0.132	-0.072	-0.057	-0.090	-0.168	-0.274	-0.397
9821	98.20	-0.516	-0.608	-0.650	-0.630	-0.546	-0.416	-0.266	-0.128	-0.024	0.040
9831	98.30	0.076	0.106	0.151	0.221	0.308	0.389	0.436	0.432	0.374	0.280
9841	98.40	0.177	0.091	0.039	0.020	0.021	0.021	0.006	-0.035	-0.095	-0.163
9851	98.50	-0.219	-0.248	-0.237	-0.182	-0.085	0.039	0.171	0.287	0.367	0.396
9861	98.60	0.375	0.314	0.234	0.158	0.100	0.068	0.055	0.051	0.049	0.043
9871	98.70	0.038	0.037	0.042	0.050	0.050	0.036	0.007	-0.030	-0.058	-0.060
9881	98.80	-0.026	0.038	0.116	0.182	0.213	0.198	0.139	0.047	-0.061	-0.168
9891	98.90	-0.264	-0.342	-0.396	-0.419	-0.405	-0.353	-0.271	-0.177	-0.097	-0.052
9901	99.00	-0.054	-0.102	-0.178	-0.262	-0.333	-0.381	-0.405	-0.406	-0.390	-0.356
9911	99.10	-0.305	-0.241	-0.181	-0.147	-0.162	-0.236	-0.359	-0.495	-0.594	-0.611
9921	99.20	-0.526	-0.353	-0.140	0.052	0.167	0.180	0.104	-0.017	-0.127	-0.179
9931	99.30	-0.151	-0.052	0.089	0.233	0.347	0.413	0.433	0.417	0.385	0.355
9941	99.40	0.341	0.350	0.385	0.436	0.490	0.530	0.540	0.514	0.458	0.388
9951	99.50	0.323	0.280	0.261	0.256	0.246	0.213	0.150	0.064	-0.025	-0.097
9961	99.60	-0.138	-0.146	-0.132	-0.107	-0.079	-0.050	-0.012	0.038	0.097	0.152
9971	99.70	0.184	0.183	0.153	0.114	0.097	0.124	0.203	0.311	0.413	0.466
9981	99.80	0.445	0.351	0.211	0.065	-0.049	-0.111	-0.125	-0.107	-0.076	-0.043
9991	99.90	-0.004	0.050	0.123	0.208	0.283	0.324	0.313	0.250	0.155	0.057

Table 7-89-21

TABLE OF CORRECTED ACCELERATION RECORD NO.21

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10001	100.00	-0.020	-0.068	-0.098	-0.136	-0.202	-0.301	-0.415	-0.511	-0.558	-0.541
10011	100.10	-0.468	-0.370	-0.286	-0.246	-0.258	-0.307	-0.366	-0.409	-0.420	-0.404
10021	100.20	-0.376	-0.353	-0.344	-0.346	-0.345	-0.328	-0.286	-0.222	-0.141	-0.051
10031	100.30	0.047	0.154	0.274	0.401	0.518	0.597	0.610	0.540	0.397	0.213
10041	100.40	0.039	-0.075	-0.099	-0.030	0.101	0.248	0.364	0.421	0.416	0.369
10051	100.50	0.309	0.261	0.233	0.216	0.193	0.151	0.092	0.035	0.009	0.035
10061	100.60	0.117	0.230	0.332	0.373	0.320	0.169	-0.050	-0.286	-0.482	-0.597
10071	100.70	-0.618	-0.558	-0.451	-0.331	-0.223	-0.139	-0.078	-0.036	-0.012	-0.009
10081	100.80	-0.033	-0.083	-0.145	-0.198	-0.217	-0.188	-0.116	-0.026	0.049	0.076
10091	100.90	0.044	-0.035	-0.128	-0.195	-0.206	-0.151	-0.045	0.082	0.197	0.278
10101	101.00	0.320	0.332	0.329	0.326	0.328	0.333	0.337	0.339	0.342	0.354
10111	101.10	0.377	0.404	0.420	0.403	0.340	0.229	0.089	-0.050	-0.153	-0.200
10121	101.20	-0.186	-0.132	-0.067	-0.023	-0.019	-0.053	-0.109	-0.162	-0.193	-0.196
10131	101.30	-0.183	-0.171	-0.179	-0.213	-0.268	-0.324	-0.364	-0.374	-0.358	-0.330
10141	101.40	-0.306	-0.301	-0.317	-0.342	-0.359	-0.356	-0.329	-0.290	-0.258	-0.248
10151	101.50	-0.266	-0.300	-0.331	-0.335	-0.304	-0.244	-0.175	-0.122	-0.102	-0.113
10161	101.60	-0.137	-0.149	-0.130	-0.081	-0.018	0.030	0.041	0.008	-0.051	-0.107
10171	101.70	-0.129	-0.103	-0.039	0.034	0.081	0.077	0.021	-0.067	-0.136	-0.218
10181	101.80	-0.244	-0.243	-0.238	-0.247	-0.278	-0.322	-0.360	-0.371	-0.349	-0.298
10191	101.90	-0.230	-0.158	-0.083	0.000	0.101	0.217	0.333	0.418	0.442	0.387
10201	102.00	0.264	0.107	-0.034	-0.114	-0.112	-0.037	0.081	0.201	0.295	0.354
10211	102.10	0.388	0.413	0.442	0.470	0.483	0.463	0.403	0.316	0.230	0.175
10221	102.20	0.170	0.213	0.283	0.349	0.385	0.385	0.363	0.342	0.344	0.373
10231	102.30	0.414	0.440	0.422	0.349	0.233	0.101	-0.010	-0.071	-0.071	-0.020
10241	102.40	0.058	0.135	0.190	0.211	0.201	0.168	0.121	0.066	0.009	-0.052
10251	102.50	-0.114	-0.176	-0.237	-0.292	-0.338	-0.372	-0.389	-0.380	-0.340	-0.265
10261	102.60	-0.159	-0.033	0.092	0.192	0.247	0.242	0.175	0.057	-0.091	-0.242
10271	102.70	-0.370	-0.450	-0.468	-0.422	-0.319	-0.179	-0.024	0.120	0.235	0.310
10281	102.80	0.340	0.331	0.288	0.221	0.136	0.044	-0.042	-0.107	-0.135	-0.117
10291	102.90	-0.056	0.032	0.121	0.184	0.204	0.182	0.137	0.098	0.088	0.114
10301	103.00	0.161	0.197	0.191	0.129	0.021	-0.094	-0.170	-0.171	-0.091	0.046
10311	103.10	0.191	0.293	0.322	0.281	0.204	0.135	0.110	0.138	0.198	0.251
10321	103.20	0.263	0.219	0.136	0.047	-0.009	-0.011	0.036	0.109	0.176	0.215
10331	103.30	0.224	0.217	0.211	0.209	0.199	0.156	0.056	-0.100	-0.285	-0.450
10341	103.40	-0.544	-0.537	-0.440	-0.297	-0.170	-0.105	-0.120	-0.189	-0.263	-0.296
10351	103.50	-0.267	-0.193	-0.119	-0.091	-0.135	-0.235	-0.347	-0.416	-0.410	-0.332
10361	103.60	-0.227	-0.154	-0.155	-0.240	-0.369	-0.482	-0.517	-0.450	-0.299	-0.123
10371	103.70	0.011	0.058	0.012	-0.092	-0.196	-0.247	-0.221	-0.133	-0.020	0.071
10381	103.80	0.112	0.101	0.059	0.014	-0.013	-0.018	-0.013	-0.013	-0.027	-0.046
10391	103.90	-0.054	-0.030	0.030	0.115	0.198	0.249	0.250	0.205	0.133	0.065
10401	104.00	0.020	0.003	-0.001	-0.013	-0.050	-0.111	-0.179	-0.222	-0.217	-0.156
10411	104.10	-0.054	0.057	0.142	0.181	0.175	0.142	0.113	0.108	0.132	0.171
10421	104.20	0.200	0.201	0.169	0.117	0.071	0.054	0.080	0.141	0.216	0.279
10431	104.30	0.312	0.309	0.274	0.220	0.154	0.081	0.002	-0.080	-0.152	-0.194
10441	104.40	-0.189	-0.129	-0.030	0.072	0.134	0.120	0.020	-0.140	-0.312	-0.441
10451	104.50	-0.489	-0.456	-0.374	-0.294	-0.260	-0.293	-0.373	-0.459	-0.501	-0.468
10461	104.60	-0.362	-0.215	-0.076	0.014	0.036	-0.003	-0.075	-0.149	-0.204	-0.234
10471	104.70	-0.243	-0.237	-0.214	-0.163	-0.069	0.071	0.243	0.417	0.551	0.614
10481	104.80	0.593	0.505	0.385	0.277	0.215	0.215	0.268	0.355	0.450	0.533
10491	104.90	0.595	0.631	0.641	0.622	0.571	0.487	0.379	0.263	0.160	0.089

Table 7-89-22

TABLE OF CORRECTED ACCELERATION RECORD NO.22

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10501	105.00	0.058	0.060	0.077	0.086	0.072	0.035	-0.008	-0.032	-0.013	0.058
10511	105.10	0.169	0.290	0.381	0.404	0.343	0.202	0.008	-0.195	-0.366	-0.476
10521	105.20	-0.516	-0.498	-0.449	-0.397	-0.361	-0.346	-0.340	-0.326	-0.288	-0.225
10531	105.30	-0.148	-0.084	-0.058	-0.088	-0.173	-0.295	-0.420	-0.518	-0.566	-0.562
10541	105.40	-0.515	-0.449	-0.384	-0.331	-0.291	-0.256	-0.215	-0.167	-0.116	-0.075
10551	105.50	-0.056	-0.063	-0.089	-0.117	-0.121	-0.082	0.009	0.143	0.298	0.441
10561	105.60	0.544	0.587	0.567	0.495	0.393	0.285	0.190	0.120	0.081	0.072
10571	105.70	0.092	0.138	0.209	0.299	0.397	0.486	0.547	0.567	0.542	0.481
10581	105.80	0.405	0.336	0.287	0.263	0.253	0.240	0.214	0.173	0.127	0.093
10591	105.90	0.083	0.094	0.110	0.104	0.057	-0.033	-0.147	-0.249	-0.305	-0.300
10601	106.00	-0.246	-0.180	-0.149	-0.183	-0.285	-0.422	-0.544	-0.605	-0.583	-0.493
10611	106.10	-0.377	-0.285	-0.251	-0.277	-0.336	-0.389	-0.403	-0.375	-0.325	-0.291
10621	106.20	-0.302	-0.362	-0.445	-0.503	-0.496	-0.405	-0.250	-0.077	0.061	0.124
10631	106.30	0.107	0.036	-0.047	-0.104	-0.118	-0.100	-0.076	-0.069	-0.084	-0.105
10641	106.40	-0.100	-0.041	0.073	0.216	0.339	0.390	0.344	0.212	0.042	-0.100
10651	106.50	-0.158	-0.111	0.018	0.176	0.298	0.342	0.303	0.216	0.136	0.111
10661	106.60	0.162	0.271	0.393	0.477	0.493	0.448	0.376	0.324	0.325	0.377
10671	106.70	0.445	0.478	0.434	0.308	0.133	-0.027	-0.108	-0.080	0.043	0.202
10681	106.80	0.322	0.344	0.251	0.077	-0.109	-0.240	-0.275	-0.217	-0.112	-0.020
10691	106.90	0.012	-0.030	-0.122	-0.219	-0.279	-0.278	-0.225	-0.145	-0.071	-0.022
10701	107.00	0.000	0.006	0.010	0.016	0.019	0.010	-0.016	-0.049	-0.070	-0.057
10711	107.10	-0.004	0.077	0.155	0.195	0.177	0.102	0.001	-0.087	-0.128	-0.111
10721	107.20	-0.051	0.018	0.062	0.064	0.030	-0.014	-0.039	-0.029	0.015	0.076
10731	107.30	0.131	0.165	0.178	0.178	0.179	0.182	0.179	0.155	0.098	0.010
10741	107.40	-0.091	-0.175	-0.215	-0.197	-0.129	-0.032	0.063	0.135	0.174	0.184
10751	107.50	0.176	0.162	0.147	0.135	0.127	0.126	0.158	0.164	0.196	0.216
10761	107.60	0.205	0.148	0.051	-0.064	-0.165	-0.220	-0.221	-0.184	-0.145	-0.141
10771	107.70	-0.191	-0.281	-0.369	-0.408	-0.364	-0.239	-0.072	0.078	0.158	0.147
10781	107.80	0.059	-0.061	-0.166	-0.230	-0.260	-0.288	-0.352	-0.466	-0.609	-0.730
10791	107.90	-0.775	-0.708	-0.538	-0.318	-0.119	-0.003	0.005	-0.073	-0.181	-0.255
10801	108.00	-0.255	-0.182	-0.069	0.033	0.085	0.075	0.021	-0.041	-0.081	-0.085
10811	108.10	-0.066	-0.050	-0.060	-0.100	-0.158	-0.207	-0.224	-0.200	-0.146	-0.084
10821	108.20	-0.037	-0.014	-0.012	-0.019	-0.023	-0.020	-0.013	-0.012	-0.016	-0.018
10831	108.30	-0.003	0.041	0.107	0.172	0.201	0.167	0.067	-0.067	-0.179	-0.209
10841	108.40	-0.122	0.069	0.311	0.525	0.643	0.635	0.524	0.367	0.232	0.161
10851	108.50	0.153	0.174	0.172	0.118	0.016	-0.089	-0.141	-0.102	0.025	0.195
10861	108.60	0.337	0.393	0.346	0.226	0.095	0.016	0.019	0.090	0.174	0.211
10871	108.70	0.163	0.039	-0.114	-0.234	-0.274	-0.230	-0.137	-0.051	-0.021	-0.063
10881	108.80	-0.153	-0.242	-0.285	-0.262	-0.186	-0.094	-0.024	0.008	0.013	0.024
10891	108.90	0.071	0.166	0.292	0.408	0.477	0.478	0.423	0.348	0.293	0.282
10901	109.00	0.312	0.350	0.355	0.297	0.174	0.013	-0.142	-0.248	-0.282	-0.247
10911	109.10	-0.166	-0.072	0.007	0.053	0.062	0.038	-0.013	-0.081	-0.157	-0.227
10921	109.20	-0.277	-0.293	-0.270	-0.218	-0.152	-0.094	-0.056	-0.040	-0.036	-0.027
10931	109.30	-0.007	0.021	0.040	0.032	-0.010	-0.073	-0.127	-0.136	-0.077	0.047
10941	109.40	0.200	0.330	0.388	0.347	0.217	0.039	-0.127	-0.233	-0.252	-0.189
10951	109.50	-0.072	0.062	0.180	0.267	0.315	0.330	0.315	0.276	0.222	0.169
10961	109.60	0.137	0.144	0.198	0.282	0.358	0.377	0.299	0.115	-0.144	-0.414
10971	109.70	-0.617	-0.692	-0.622	-0.435	-0.200	0.005	0.123	0.131	0.052	-0.067
10981	109.80	-0.174	-0.236	-0.245	-0.220	-0.188	-0.168	-0.166	-0.174	-0.177	-0.166
10991	109.90	-0.143	-0.117	-0.097	-0.085	-0.071	-0.038	0.028	0.127	0.242	0.345

Table 7-89-23

TABLE OF CORRECTED ACCELERATION RECORD NO.23

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11001	110.00	0.408	0.418	0.383	0.331	0.294	0.299	0.350	0.430	0.507	0.548
11011	110.10	0.537	0.475	0.384	0.291	0.219	0.173	0.145	0.120	0.084	0.037
11021	110.20	-0.009	-0.039	-0.039	-0.012	0.025	0.047	0.031	-0.032	-0.150	-0.232
11031	110.30	-0.307	-0.331	-0.304	-0.249	-0.203	-0.199	-0.256	-0.366	-0.500	-0.617
11041	110.40	-0.685	-0.688	-0.633	-0.545	-0.451	-0.369	-0.307	-0.259	-0.218	-0.183
11051	110.50	-0.165	-0.177	-0.227	-0.307	-0.391	-0.443	-0.434	-0.358	-0.240	-0.129
11061	110.60	-0.077	-0.111	-0.223	-0.365	-0.470	-0.482	-0.380	-0.194	0.015	0.173
11071	110.70	0.236	0.202	0.112	0.032	0.016	0.088	0.224	0.376	0.488	0.530
11081	110.80	0.501	0.429	0.347	0.277	0.217	0.154	0.074	-0.016	-0.088	-0.102
11091	110.90	-0.033	0.112	0.292	0.443	0.508	0.468	0.350	0.215	0.130	0.129
11101	111.00	0.199	0.286	0.323	0.267	0.122	-0.059	-0.201	-0.246	-0.184	-0.057
11111	111.10	0.064	0.114	0.070	-0.038	-0.142	-0.178	-0.115	0.020	0.159	0.225
11121	111.20	0.175	0.019	-0.177	-0.328	-0.369	-0.284	-0.115	0.059	0.164	0.158
11131	111.30	0.053	-0.100	-0.238	-0.317	-0.328	-0.293	-0.247	-0.215	-0.195	-0.163
11141	111.40	-0.094	0.023	0.172	0.311	0.394	0.391	0.306	0.172	0.041	-0.044
11151	111.50	-0.062	-0.021	0.048	0.111	0.147	0.154	0.146	0.145	0.164	0.204
11161	111.60	0.251	0.288	0.301	0.286	0.247	0.195	0.140	0.089	0.045	0.011
11171	111.70	-0.011	-0.018	-0.011	0.008	0.027	0.034	0.020	-0.016	-0.064	-0.110
11181	111.80	-0.140	-0.148	-0.141	-0.137	-0.155	-0.205	-0.281	-0.362	-0.419	-0.427
11191	111.90	-0.377	-0.279	-0.162	-0.058	0.006	0.023	0.004	-0.026	-0.042	-0.032
11201	112.00	-0.001	0.032	0.044	0.023	-0.027	-0.080	-0.105	-0.076	0.011	0.134
11211	112.10	0.253	0.323	0.315	0.232	0.104	-0.022	-0.102	-0.115	-0.068	0.005
11221	112.20	0.066	0.088	0.068	0.026	-0.008	-0.013	0.011	0.041	0.050	0.019
11231	112.30	-0.048	-0.120	-0.157	-0.131	-0.048	0.054	0.117	0.090	-0.042	-0.244
11241	112.40	-0.448	-0.573	-0.567	-0.430	-0.212	0.005	0.146	0.175	0.106	-0.004
11251	112.50	-0.088	-0.097	-0.023	0.101	0.224	0.302	0.318	0.289	0.249	0.230
11261	112.60	0.245	0.276	0.293	0.265	0.184	0.064	-0.060	-0.153	-0.192	-0.178
11271	112.70	-0.128	-0.065	-0.004	0.053	0.112	0.181	0.260	0.334	0.384	0.393
11281	112.80	0.357	0.288	0.204	0.124	0.054	-0.009	-0.075	-0.145	-0.212	-0.255
11291	112.90	-0.251	-0.190	-0.084	0.036	0.129	0.161	0.123	0.034	-0.068	-0.143
11301	113.00	-0.162	-0.128	-0.061	0.003	0.036	0.027	-0.015	-0.068	-0.107	-0.119
11311	113.10	-0.103	-0.066	-0.021	0.021	0.055	0.078	0.088	0.084	0.063	0.031
11321	113.20	-0.001	-0.020	-0.014	0.018	0.064	0.100	0.104	0.064	-0.011	-0.095
11331	113.30	-0.156	-0.172	-0.141	-0.083	-0.032	-0.017	-0.051	-0.118	-0.189	-0.229
11341	113.40	-0.219	-0.160	-0.077	0.004	0.061	0.092	0.109	0.127	0.150	0.166
11351	113.50	0.154	0.090	-0.026	-0.172	-0.307	-0.387	-0.388	-0.318	-0.214	-0.126
11361	113.60	-0.086	-0.100	-0.140	-0.164	-0.138	-0.058	0.046	0.125	0.139	0.078
11371	113.70	-0.026	-0.114	-0.129	-0.045	0.120	0.306	0.446	0.492	0.441	0.335
11381	113.80	0.233	0.186	0.206	0.266	0.314	0.308	0.240	0.142	0.067	0.064
11391	113.90	0.141	0.261	0.355	0.359	0.249	0.056	-0.145	-0.270	-0.263	-0.130
11401	114.00	0.070	0.245	0.321	0.270	0.125	-0.044	-0.163	-0.190	-0.134	-0.045
11411	114.10	0.012	-0.004	-0.095	-0.225	-0.341	-0.405	-0.407	-0.374	-0.345	-0.352
11421	114.20	-0.397	-0.457	-0.492	-0.472	-0.392	-0.272	-0.151	-0.064	-0.025	-0.027
11431	114.30	-0.047	-0.065	-0.072	-0.075	-0.086	-0.110	-0.136	-0.143	-0.107	-0.024
11441	114.40	0.088	0.190	0.239	0.211	0.114	-0.015	-0.127	-0.183	-0.171	-0.112
11451	114.50	-0.047	-0.011	-0.021	-0.064	-0.107	-0.120	-0.087	-0.022	0.045	0.080
11461	114.60	0.068	0.016	-0.051	-0.103	-0.123	-0.115	-0.097	-0.089	-0.097	-0.106
11471	114.70	-0.093	-0.036	0.066	0.186	0.280	0.304	0.242	0.110	-0.041	-0.150
11481	114.80	-0.175	-0.108	0.015	0.135	0.194	0.166	0.055	-0.084	-0.193	-0.222
11491	114.90	-0.159	-0.024	0.133	0.261	0.326	0.320	0.265	0.192	0.132	0.099

Table 7-89-24

TABLE OF CORRECTED ACCELERATION RECORD NO.24

INDEX NO. 1281 S104-FU-1-7 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = -15.272 (GAL) T= 16.36 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11501	115.00	0.092	0.095	0.096	0.086	0.070	0.056	0.052	0.057	0.062	0.053
11511	115.10	0.023	-0.029	-0.089	-0.139	-0.160	-0.147	-0.107	-0.060	-0.027	-0.021
11521	115.20	-0.037	-0.054	-0.046	0.009	0.113	0.246	0.369	0.442	0.439	0.360
11531	115.30	0.234	0.103	0.012	-0.017	0.012	0.070	0.117	0.123	0.083	0.017
11541	115.40	-0.036	-0.042	0.017	0.129	0.258	0.360	0.402	0.374	0.293	0.193
11551	115.50	0.109	0.063	0.058	0.080	0.112	0.139	0.161	0.185	0.217	0.258
11561	115.60	0.296	0.313	0.293	0.232	0.142	0.046	-0.030	-0.070	-0.071	-0.048
11571	115.70	-0.018	0.001	0.007	0.006	0.010	0.027	0.057	0.087	0.099	0.076
11581	115.80	0.012	-0.086	-0.200	-0.311	-0.396	-0.444	-0.451	-0.419	-0.361	-0.289
11591	115.90	-0.220	-0.171	-0.153	-0.170	-0.217	-0.278	-0.334	-0.366	-0.367	-0.340
11601	116.00	-0.298	-0.254	-0.219	-0.193	-0.171	-0.146	-0.116	-0.084	-0.063	-0.060
11611	116.10	-0.075	-0.098	-0.113	-0.106	-0.076	-0.038	-0.013	-0.020	-0.064	-0.125
11621	116.20	-0.174	-0.179	-0.130	-0.038	0.059	0.119	0.114	0.045	-0.054	-0.135
11631	116.30	-0.159	-0.113	-0.017	0.082	0.137	0.121	0.042	-0.058	-0.130	-0.135
11641	116.40	-0.065	0.052	0.167	0.234	0.226	0.152	0.043	-0.057	-0.117	-0.130
11651	116.50	-0.111	-0.091	-0.096	-0.135	-0.198	-0.258	-0.287	-0.268	-0.202	-0.108
11661	116.60	-0.015	0.050	0.070	0.044	-0.014	-0.085	-0.149	-0.196	-0.219	-0.222
11671	116.70	-0.210	-0.183	-0.141	-0.078	0.007	0.113	0.226	0.329	0.401	0.430
11681	116.80	0.417	0.375	0.326	0.289	0.272	0.267	0.257	0.224	0.162	0.081
11691	116.90	0.008	-0.026	-0.004	0.072	0.174	0.262	0.299	0.271	0.188	0.083
11701	117.00	-0.005	-0.048	-0.045	-0.012	0.021	0.032	0.014	-0.022	-0.054	-0.066
11711	117.10	-0.054	-0.030	-0.011	-0.008	-0.019	-0.028	-0.015	0.030	0.103	0.180
11721	117.20	0.236	0.254	0.234	0.198	0.173	0.180	0.218	0.266	0.291	0.268
11731	117.30	0.190	0.077	-0.034	-0.109	-0.126	-0.089	-0.023	0.041	0.079	0.085
11741	117.40	0.070	0.053	0.047	0.058	0.075	0.085	0.078	0.053	0.020	-0.007
11751	117.50	-0.015	-0.005	0.019	0.045	0.066	0.077	0.080	0.077	0.065	0.039
11761	117.60	-0.009	-0.079	-0.163	-0.247	-0.309	-0.336	-0.323	-0.279	-0.222	-0.171
11771	117.70	-0.139	-0.127	-0.128	-0.129	-0.118	-0.092	-0.052	-0.003	0.043	0.079
11781	117.80	0.095	0.085	0.045	-0.023	-0.108	-0.189	-0.243	-0.249	-0.197	-0.095
11791	117.90	0.035	0.160	0.251	0.290	0.273	0.212	0.126	0.030	-0.060	-0.138
11801	118.00	-0.195	-0.224	-0.214	-0.162	-0.076	0.022	0.100	0.128	0.088	-0.010
11811	118.10	-0.133	-0.239	-0.290	-0.272	-0.201	-0.115	-0.057	-0.053	-0.100	-0.168
11821	118.20	-0.215	-0.206	-0.134	-0.023	0.084	0.143	0.132	0.058	-0.044	-0.130
11831	118.30	-0.168	-0.148	-0.088	-0.019	0.028	0.042	0.032	0.021	0.031	0.067
11841	118.40	0.115	0.149	0.141	0.082	-0.013	-0.112	-0.175	-0.176	-0.115	-0.019
11851	118.50	0.071	0.116	0.097	0.022	-0.075	-0.153	-0.180	-0.147	-0.069	0.019
11861	118.60	0.082	0.095	0.054	-0.024	-0.111	-0.179	-0.209	-0.199	-0.159	-0.108
11871	118.70	-0.059	-0.022	0.005	0.029	0.061	0.106	0.163	0.223	0.272	0.296
11881	118.80	0.284	0.236	0.163	0.084	0.025	0.006	-0.035	0.107	0.198	0.276
11891	118.90	0.311	0.285	0.198	0.073	-0.058	-0.158	-0.205	-0.192	-0.135	-0.060

Table 7-90-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.141	-0.973	-0.669	-0.325	-0.058	0.033	-0.098	-0.420	-0.829	-1.177
11	0.10	-1.315	-1.150	-0.677	0.012	0.752	1.357	1.679	1.653	1.312	0.776
21	0.20	0.209	-0.236	-0.450	-0.404	-0.140	0.242	0.616	0.859	0.884	0.656
31	0.30	0.213	-0.345	-0.869	-1.195	-1.197	-0.824	-0.133	0.722	1.528	2.072
41	0.40	2.214	1.927	1.302	0.516	-0.226	-0.760	-0.997	-0.939	-0.658	-0.258
51	0.50	0.154	0.497	0.714	0.782	0.702	0.505	0.253	0.029	-0.083	-0.030
61	0.60	0.178	0.465	0.705	0.771	0.597	0.218	-0.233	-0.561	-0.592	-0.248
71	0.70	0.409	1.189	1.832	2.106	1.885	1.197	0.207	-0.841	-1.702	-2.204
81	0.80	-2.280	-1.974	-1.404	-0.722	-0.083	0.385	0.589	0.483	0.072	-0.572
91	0.90	-1.319	-2.002	-2.449	-2.543	-2.255	-1.664	-0.937	-0.276	0.153	0.272
101	1.00	0.119	-0.171	-0.420	-0.470	-0.244	0.234	0.369	1.444	1.876	2.062
111	1.10	2.002	1.766	1.459	1.178	0.978	0.854	0.754	0.602	0.338	-0.061
121	1.20	-0.565	-1.103	-1.578	-1.895	-1.980	-1.795	-1.337	-0.638	0.238	1.203
131	1.30	2.143	2.932	3.444	3.582	3.300	2.627	1.667	0.586	-0.429	-1.220
141	1.40	-1.692	-1.840	-1.739	-1.510	-1.282	-1.146	-1.133	-1.217	-1.339	-1.436
151	1.50	-1.471	-1.445	-1.391	-1.352	-1.355	-1.396	-1.439	-1.427	-1.304	-1.042
161	1.60	-0.649	-0.172	0.321	0.760	1.092	1.293	1.364	1.324	1.196	0.997
171	1.70	0.740	0.443	0.131	-0.150	-0.346	-0.409	-0.322	-0.114	0.138	0.321
181	1.80	0.325	0.078	-0.417	-1.074	-1.746	-2.262	-2.482	-2.338	-1.858	-1.148
191	1.90	-0.362	0.343	0.854	1.119	1.149	0.995	0.728	0.410	0.091	-0.197
201	2.00	-0.429	-0.587	-0.665	-0.671	-0.640	-0.622	-0.671	-0.815	-1.036	-1.261
211	2.10	-1.372	-1.250	-0.817	-0.077	0.872	1.857	2.679	3.171	3.254	2.952
221	2.20	2.384	1.718	1.116	0.685	0.460	0.408	0.455	0.521	0.547	0.509
231	2.30	0.416	0.293	0.177	0.108	0.128	0.276	0.582	1.052	1.647	2.282
241	2.40	2.829	3.146	3.111	2.663	1.821	0.688	-0.579	-1.800	-2.818	-3.528
251	2.50	-3.888	-3.914	-3.669	-3.240	-2.721	-2.201	-1.747	-1.397	-1.152	-0.979
261	2.60	-0.824	-0.633	-0.378	-0.068	0.243	0.484	0.594	0.557	0.419	0.274
271	2.70	0.231	0.367	0.691	1.130	1.554	1.825	1.850	1.622	1.223	0.800
281	2.80	0.507	0.450	0.649	1.032	1.461	1.776	1.849	1.614	1.085	0.351
291	2.90	-0.447	-1.146	-1.535	-1.641	-1.246	-0.416	0.747	2.051	3.252	4.091
301	3.00	4.359	3.950	2.900	1.387	-0.300	-1.829	-2.902	-3.326	-3.060	-2.224
311	3.10	-1.067	0.097	0.965	1.318	1.076	0.307	-0.788	-1.947	-2.911	-3.506
321	3.20	-3.682	-3.519	-3.183	-2.856	-2.664	-2.624	-2.635	-2.524	-2.115	-1.306
331	3.30	-0.125	1.264	2.600	3.597	4.022	3.759	2.833	1.396	-0.307	-1.984
341	3.40	-3.354	-4.178	-4.308	-3.706	-2.473	-0.842	0.855	2.255	3.063	3.134
351	3.50	2.535	1.526	0.490	-0.197	-0.297	0.212	1.126	2.094	2.748	2.834
361	3.60	2.297	1.288	0.095	-0.961	-1.640	-1.838	-1.592	-1.035	-0.335	0.365
371	3.70	0.963	1.400	1.641	1.667	1.482	1.126	0.689	0.291	0.044	0.009
381	3.80	0.159	0.381	0.522	0.458	0.160	-0.287	-0.708	-0.916	-0.796	-0.364
391	3.90	0.233	0.776	1.059	0.969	0.526	-0.143	-0.870	-1.518	-2.028	-2.417
401	4.00	-2.741	-3.039	-3.300	-3.467	-3.473	-3.298	-2.985	-2.633	-2.348	-2.178
411	4.10	-2.085	-1.957	-1.663	-1.133	-0.404	0.384	1.044	1.443	1.567	1.548
421	4.20	1.605	1.942	2.644	3.623	4.640	5.401	5.684	5.425	4.749	3.906
431	4.30	3.166	2.709	2.573	2.668	2.846	2.989	3.064	3.119	3.228	3.419
441	4.40	3.629	3.712	3.497	2.866	1.816	0.463	-1.002	-2.384	-3.551	-4.450
451	4.50	-5.089	-5.482	-5.612	-5.424	-4.874	-3.981	-2.877	-1.795	-1.006	-0.717
461	4.60	-0.988	-1.700	-2.594	-3.375	-3.816	-3.842	-3.529	-3.049	-2.587	-2.257
471	4.70	-2.078	-1.999	-1.945	-1.871	-1.772	-1.660	-1.523	-1.297	-0.886	-0.210
481	4.80	0.726	1.798	2.780	3.421	3.546	3.134	2.331	1.400	0.602	0.099
491	4.90	-0.107	-0.151	-0.227	-0.479	-0.931	-1.476	-1.932	-2.124	-1.963	-1.469

Table 7-90-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.740	0.101	0.969	1.829	2.676	3.491	4.204	4.702	4.872	4.664
511	5.10	4.138	3.454	2.818	2.396	2.237	2.257	2.274	2.103	1.645	0.942
521	5.20	0.168	-0.443	-0.690	-0.486	0.116	0.944	1.771	2.384	2.632	2.438
531	5.30	1.795	0.747	-0.619	-2.172	-3.741	-5.128	-6.149	-6.681	-6.704	-6.313
541	5.40	-5.689	-5.028	-4.479	-4.091	-3.815	-3.549	-3.199	-2.739	-2.229	-1.791
551	5.50	-1.547	-1.555	-1.778	-2.082	-2.282	-2.204	-1.739	-0.873	0.313	1.673
561	5.60	3.029	4.208	5.065	5.507	5.496	5.064	4.311	3.390	2.486	1.772
571	5.70	1.367	1.309	1.549	1.961	2.388	2.681	2.740	2.534	2.106	1.559
581	5.80	1.026	0.646	0.524	0.707	1.162	1.781	2.396	2.824	2.913	2.592
591	5.90	1.889	0.919	-0.156	-1.179	-2.051	-2.745	-3.291	-3.743	-4.128	-4.426
601	6.00	-4.573	-4.498	-4.166	-3.612	-2.941	-2.290	-1.778	-1.450	-1.254	-1.060
611	6.10	-0.714	-0.101	0.799	1.891	2.993	3.893	4.419	4.494	4.155	3.536
621	6.20	2.822	2.181	1.718	1.445	1.295	1.149	0.890	0.446	-0.189	-0.951
631	6.30	-1.733	-2.424	-2.945	-3.269	-3.425	-3.476	-3.493	-3.521	-3.570	-3.614
641	6.40	-3.607	-3.502	-3.278	-2.936	-2.504	-2.024	-1.536	-1.069	-0.642	-0.259
651	6.50	0.086	0.412	0.750	1.140	1.619	2.211	2.899	3.623	4.277	4.734
661	6.60	4.880	4.652	4.072	3.250	2.364	1.620	1.195	1.192	1.615	2.365
671	6.70	3.269	4.124	4.739	4.976	4.775	4.160	3.225	2.113	0.982	-0.025
681	6.80	-0.803	-1.310	-1.566	-1.649	-1.669	-1.744	-1.968	-2.384	-2.969	-3.642
691	6.90	-4.280	-4.751	-4.954	-4.847	-4.465	-3.914	-3.341	-2.895	-2.679	-2.714
701	7.00	-2.932	-3.190	-3.316	-3.155	-2.627	-1.739	-0.592	0.660	1.859	2.886
711	7.10	3.696	4.308	4.789	5.204	5.582	5.895	6.063	5.983	5.571	4.796
721	7.20	3.497	2.377	0.987	-0.329	-1.644	-2.277	-2.798	-3.022	-2.996	-2.793
731	7.30	-2.498	-2.204	-1.996	-1.934	-2.039	-2.282	-2.593	-2.876	-3.047	-3.067
741	7.40	-2.955	-2.786	-2.656	-2.637	-2.737	-2.879	-2.925	-2.717	-2.143	-1.188
751	7.50	0.041	1.335	2.442	3.134	3.277	2.865	2.020	0.948	-0.109	-0.938
761	7.60	-1.393	-1.410	-1.001	-0.241	0.762	1.877	2.969	3.910	4.600	4.975
771	7.70	5.030	4.819	4.442	4.015	3.627	3.308	3.005	2.600	1.949	0.944
781	7.80	-0.439	-2.100	-3.835	-5.378	-6.478	-6.968	-6.819	-6.140	-5.138	-4.054
791	7.90	-3.089	-2.351	-1.843	-1.486	-1.165	-0.787	-0.310	0.241	0.796	1.268
801	8.00	1.592	1.742	1.736	1.633	1.510	1.445	1.504	1.721	2.091	2.564
811	8.10	3.043	3.399	3.508	3.282	2.714	1.894	0.993	0.220	-0.245	-0.317
821	8.20	-0.040	0.425	0.847	1.015	0.805	0.231	-0.567	-1.373	-1.969	-2.206
831	8.30	-2.042	-1.540	-0.830	-0.060	0.641	1.179	1.491	1.532	1.270	0.698
841	8.40	-0.141	-1.137	-2.114	-2.871	-3.235	-3.132	-2.620	-1.875	-1.129	-0.583
851	8.50	-0.322	-0.287	-0.299	-0.143	0.327	1.116	2.066	2.913	3.383	3.300
861	8.60	2.649	1.579	0.337	-0.826	-1.739	-2.350	-2.707	-2.901	-2.997	-2.998
871	8.70	-2.848	-2.485	-1.895	-1.154	-0.415	0.137	0.355	0.196	-0.268	-0.876
881	8.80	-1.443	-1.832	-1.994	-1.969	-1.854	-1.742	-1.682	-1.664	-1.632	-1.523
891	8.90	-1.292	-0.931	-0.459	0.101	0.730	1.419	2.153	2.882	3.520	3.953
901	9.00	4.079	3.852	3.312	2.587	1.853	1.281	0.973	0.934	1.081	1.284
911	9.10	1.426	1.653	1.386	1.302	1.292	1.413	1.663	1.987	2.301	2.533
921	9.20	2.648	2.648	2.555	2.383	2.125	1.746	1.219	0.547	-0.207	-0.923
931	9.30	-1.459	-1.696	-1.583	-1.169	-0.588	-0.017	0.374	0.479	0.276	-0.177
941	9.40	-0.777	-1.417	-2.020	-2.553	-3.015	-3.422	-3.776	-4.063	-4.245	-4.281
951	9.50	-4.138	-3.802	-3.284	-2.612	-1.836	-1.020	-0.243	0.405	0.863	1.022
961	9.60	0.945	0.687	0.381	0.178	0.202	0.493	0.986	1.524	1.914	2.002
971	9.70	1.734	1.183	0.528	-0.016	-0.275	-0.187	0.187	0.692	1.141	1.394
981	9.80	1.400	1.203	0.906	0.618	0.409	0.285	0.205	0.111	-0.038	-0.249
991	9.90	-0.500	-0.763	-1.021	-1.279	-1.551	-1.839	-2.122	-2.347	-2.455	-2.403

Table 7-90-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-2.186	-1.839	-1.417	-0.964	-0.492	0.025	0.622	1.312	2.048	2.730
1011	10.10	3.226	3.436	3.335	3.001	2.589	2.275	2.185	2.339	2.648	2.953
1021	10.20	3.099	2.997	2.664	2.206	1.766	1.458	1.320	1.308	1.327	1.278
1031	10.30	1.109	0.825	0.674	0.107	-0.256	-0.638	-1.085	-1.634	-2.276	-2.944
1041	10.40	-3.531	-3.930	-4.082	-3.994	-3.742	-3.445	-3.216	-3.139	-3.247	-3.528
1051	10.50	-3.941	-4.423	-4.893	-5.252	-5.383	-5.172	-4.534	-3.455	-2.017	-0.389
1061	10.60	1.202	2.538	3.467	3.940	4.015	3.820	3.506	3.194	2.962	2.841
1071	10.70	2.839	2.957	3.194	3.529	3.902	4.210	4.323	4.121	3.549	2.643
1081	10.80	1.524	0.377	-0.625	-1.364	-1.805	-1.982	-1.961	-1.794	-1.494	-1.045
1091	10.90	-0.439	0.295	1.066	1.737	2.176	2.300	2.117	1.715	1.227	0.774
1101	11.00	0.415	0.139	-0.116	-0.414	-0.775	-1.162	-1.498	-1.709	-1.768	-1.714
1111	11.10	-1.638	-1.635	-1.756	-1.971	-2.183	-2.264	-2.119	-1.722	-1.135	-0.480
1121	11.20	0.114	0.557	0.827	0.963	1.033	1.091	1.152	1.188	1.151	1.005
1131	11.30	0.745	0.401	0.021	-0.353	-0.707	-1.051	-1.404	-1.771	-2.122	-2.399
1141	11.40	-2.535	-2.486	-2.258	-1.911	-1.545	-1.242	-1.131	-1.164	-1.322	-1.527
1151	11.50	-1.700	-1.782	-1.738	-1.558	-1.236	-0.763	-0.127	0.668	1.584	2.543
1161	11.60	3.427	4.114	4.509	4.572	4.334	3.874	3.288	2.654	2.012	1.367
1171	11.70	0.717	0.080	-0.486	-0.892	-1.054	-0.928	-0.548	-0.025	0.488	0.863
1181	11.80	0.949	0.800	0.466	0.053	-0.345	-0.681	-0.957	-1.207	-1.452	-1.680
1191	11.90	-1.841	-1.876	-1.758	-1.524	-1.272	-1.133	-1.211	-1.537	-2.047	-2.603
1201	12.00	-3.049	-3.268	-3.227	-2.974	-2.600	-2.194	-1.789	-1.360	-0.843	-0.184
1211	12.10	0.626	1.531	2.439	3.257	3.935	4.479	4.939	5.362	5.752	6.054
1221	12.20	6.170	6.008	5.529	4.785	3.903	3.049	2.354	1.870	1.544	1.267
1231	12.30	0.825	0.164	-0.762	-1.884	-3.055	-4.100	-4.855	-5.212	-5.129	-4.631
1241	12.40	-3.799	-2.752	-1.633	-0.578	0.295	0.920	1.287	1.445	1.479	1.475
1251	12.50	1.489	1.521	1.523	1.418	1.144	0.682	0.069	-0.615	-1.285	-1.883
1261	12.60	-2.400	-2.870	-3.344	-3.852	-4.375	-4.840	-5.150	-5.222	-5.024	-4.602
1271	12.70	-4.059	-3.526	-3.108	-2.844	-2.699	-2.578	-2.362	-1.956	-1.317	-0.465
1281	12.80	0.537	1.605	2.663	3.654	4.531	5.248	5.747	5.957	5.815	5.294
1291	12.90	4.427	3.312	2.104	0.972	0.060	-0.542	-0.815	-0.791	-0.527	-0.075
1301	13.00	0.532	1.277	2.136	3.065	3.991	4.820	5.469	5.890	6.082	6.081
1311	13.10	5.934	5.662	5.245	4.619	3.713	2.484	0.953	-0.787	-2.590	-4.303
1321	13.20	-5.807	-7.047	-8.031	-8.804	-9.409	-9.855	-10.107	-10.093	-9.741	-9.000
1331	13.30	-7.872	-6.405	-4.694	-2.852	-1.002	0.738	2.261	3.476	4.320	4.760
1341	13.40	4.812	4.534	4.025	3.407	2.805	2.330	2.071	2.080	2.375	2.928
1351	13.50	3.666	4.468	5.182	5.646	5.728	5.357	4.552	3.416	2.111	0.818
1361	13.60	-0.312	-1.190	-1.802	-2.194	-2.446	-2.641	-2.837	-3.062	-3.311	-3.559
1371	13.70	-3.772	-3.921	-3.984	-3.957	-3.851	-3.693	-3.519	-3.364	-3.257	-3.213
1381	13.80	-3.242	-3.351	-3.556	-3.879	-4.334	-4.896	-5.481	-5.929	-6.022	-5.541
1391	13.90	-4.326	-2.354	0.233	3.137	5.966	8.337	9.974	10.777	10.838	10.400
1401	14.00	9.773	9.236	8.962	8.980	9.181	9.371	9.341	8.930	8.074	6.823
1411	14.10	5.318	3.755	2.331	1.193	0.412	-0.026	-0.199	-0.216	-0.181	-0.164
1421	14.20	-0.200	-0.293	-0.448	-0.676	-1.009	-1.489	-2.101	-2.838	-3.607	-4.278
1431	14.30	-4.714	-4.807	-4.511	-3.859	-2.959	-1.966	-1.048	-0.351	0.026	0.050
1441	14.40	-0.245	-0.766	-1.389	-1.983	-2.452	-2.760	-2.940	-3.083	-3.300	-3.671
1451	14.50	-4.206	-4.830	-5.397	-5.748	-5.760	-5.398	-4.717	-3.841	-2.900	-1.990
1461	14.60	-1.136	-0.313	0.512	1.333	2.062	2.543	2.591	2.061	0.906	-0.788
1471	14.70	-2.817	-4.900	-6.750	-8.127	-8.880	-8.959	-8.400	-7.308	-5.830	-4.133
1481	14.80	-2.380	-0.710	0.775	2.018	3.001	3.727	4.204	4.426	4.380	4.057
1491	14.90	3.480	2.715	1.860	1.018	0.254	-0.432	-1.103	-1.841	-2.684	-3.573

Table 7-90-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-4.323	-4.657	-4.292	-3.034	-0.864	2.033	5.305	8.527	11.304	13.368
1511	15.10	14.613	15.093	14.964	14.421	13.642	12.755	11.820	10.840	9.768	8.525
1521	15.20	7.026	5.213	3.093	0.767	-1.567	-3.647	-5.217	-6.108	-6.304	-5.971
1531	15.30	-5.412	-4.990	-5.020	-5.673	-6.943	-8.662	-10.566	-12.381	-13.896	-14.995
1541	15.40	-15.640	-15.833	-15.564	-14.786	-13.525	-11.418	-8.773	-5.615	-2.202	1.107
1551	15.50	3.921	5.909	6.889	6.879	6.093	4.882	3.639	2.689	2.204	2.174
1561	15.60	2.421	2.676	2.666	2.197	1.205	-0.232	-1.911	-3.550	-4.827	-5.438
1571	15.70	-5.131	-3.761	-1.322	2.025	5.962	10.060	13.866	16.992	19.191	20.386
1581	15.80	20.641	20.093	18.884	17.115	14.864	12.236	9.414	6.637	4.392	2.824
1591	15.90	2.111	2.148	2.613	3.075	3.148	2.641	1.616	0.343	-0.835	-1.655
1601	16.00	-2.041	-2.111	-2.090	-2.181	-2.456	-2.842	-3.184	-3.363	-3.393	-3.434
1611	16.10	-3.713	-4.387	-5.422	-6.557	-7.393	-7.565	-6.920	-5.627	-4.139	-3.037
1621	16.20	-2.812	-3.674	-5.494	-7.869	-10.302	-12.391	-13.956	-15.038	-15.804	-16.401
1631	16.30	-16.845	-16.999	-16.643	-15.593	-13.800	-11.383	-8.567	-5.589	-2.598	0.364
1641	16.40	3.313	6.214	8.895	11.030	12.216	12.128	10.677	8.100	4.932	1.861
1651	16.50	-0.474	-1.667	-1.637	-0.603	1.036	2.863	4.575	6.037	7.256	8.313
1661	16.60	9.284	10.196	11.027	11.730	12.249	12.527	12.483	11.999	10.935	9.179
1671	16.70	6.722	3.716	0.480	-2.561	-5.001	-6.572	-7.225	-7.115	-6.508	-5.653
1681	16.80	-4.670	-3.531	-2.123	-0.376	1.618	3.558	4.990	5.457	4.666	2.611
1691	16.90	-0.409	-3.882	-7.239	-10.017	-11.952	-12.988	-13.218	-12.791	-11.845	-10.495
1701	17.00	-8.848	-7.036	-5.220	-3.559	-2.150	-0.994	0.004	0.980	2.029	3.144
1711	17.10	4.213	5.080	5.652	5.972	6.235	6.698	7.532	8.686	9.825	10.407
1721	17.20	9.873	7.876	4.460	0.092	-4.473	-8.445	-11.286	-12.890	-13.610	-14.097
1731	17.30	-15.035	-16.864	-19.610	-22.859	-25.891	-27.905	-28.240	-26.522	-22.712	-17.055
1741	17.40	-9.973	-1.970	6.441	14.769	22.553	29.375	34.878	38.798	40.995	41.452
1751	17.50	40.251	37.544	33.518	28.388	22.415	15.931	9.344	3.118	-2.291	-6.514
1761	17.60	-9.328	-10.683	-10.667	-9.448	-7.215	-4.151	-0.454	3.610	7.666	11.227
1771	17.70	13.767	14.840	14.200	11.882	8.186	3.584	-1.432	-6.483	-11.374	-16.064
1781	17.80	-20.572	-24.862	-28.756	-31.941	-34.035	-34.707	-33.781	-31.290	-27.470	-22.699
1791	17.90	-17.429	-12.129	-7.257	-3.232	-0.413	0.961	0.835	-0.613	-2.962	-5.622
1801	18.00	-7.944	-9.364	-9.496	-8.173	-5.401	-1.286	4.043	10.451	17.763	25.692
1811	18.10	33.782	41.409	47.858	52.456	54.717	54.436	51.719	46.930	40.593	33.293
1821	18.20	25.593	17.985	10.869	4.535	-0.865	-5.320	-8.952	-11.960	-14.534	-16.767
1831	18.30	-18.590	-19.787	-20.073	-19.208	-17.115	-13.935	-10.002	-5.758	-1.644	1.985
1841	18.40	4.884	6.899	7.907	7.794	6.464	3.894	0.204	-4.306	-9.174	-13.851
1851	18.50	-17.808	-20.627	-22.045	-21.953	-20.351	-17.316	-12.999	-7.656	-1.697	4.292
1861	18.60	9.576	13.376	15.012	14.047	10.390	4.327	-3.541	-12.411	-21.416	-29.758
1871	18.70	-36.805	-42.137	-45.565	-47.099	-46.901	-45.218	-42.319	-38.443	-33.776	-28.466
1881	18.80	-22.651	-16.503	-10.241	-4.125	1.593	6.715	11.124	14.771	17.624	19.607
1891	18.90	20.572	20.332	18.761	15.924	12.183	8.205	4.868	3.058	3.439	6.265
1901	19.00	11.315	17.968	25.397	32.796	39.568	45.400	50.217	54.047	56.870	58.515
1911	19.10	58.663	56.939	53.064	47.003	39.039	29.758	19.929	10.334	1.597	-5.935
1921	19.20	-12.222	-17.472	-22.008	-26.118	-29.936	-33.375	-36.159	-37.917	-38.311	-37.169
1931	19.30	-34.564	-30.828	-26.492	-22.185	-18.504	-15.911	-14.662	-14.780	-16.071	-18.162
1941	19.40	-20.564	-22.735	-24.149	-24.362	-23.070	-20.147	-15.664	-9.875	-3.184	3.905
1951	19.50	10.836	17.059	22.073	25.474	27.007	26.596	24.369	20.645	15.884	10.613
1961	19.60	5.337	0.474	-3.692	-7.004	-9.414	-10.961	-11.749	-11.954	-11.821	-11.634
1971	19.70	-11.661	-12.069	-12.839	-13.737	-14.358	-14.252	-13.085	-10.797	-7.659	-4.227
1981	19.80	-1.183	0.877	1.627	1.113	-0.270	-1.901	-3.107	-3.333	-2.247	0.224
1991	19.90	3.929	8.561	13.737	19.066	24.210	28.923	33.078	36.654	39.702	42.272

Table 7-90-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	44.335	45.733	46.188	45.374	43.040	39.134	33.866	27.681	21.152	14.816
2011	20.10	9.030	3.907	-0.661	-4.892	-8.976	-12.973	-16.774	-20.147	-22.823	-24.596
2021	20.20	-25.383	-25.248	-24.386	-23.084	-21.689	-20.569	-20.069	-20.451	-21.823	-24.088
2031	20.30	-26.936	-29.899	-32.472	-34.250	-35.042	-34.904	-34.086	-32.906	-31.617	-30.317
2041	20.40	-28.932	-27.283	-25.185	-22.531	-19.314	-15.598	-11.447	-6.872	-1.836	3.698
2051	20.50	9.675	15.884	21.950	27.398	31.769	34.739	36.194	36.233	35.106	33.122
2061	20.60	30.570	27.683	24.647	21.635	18.839	16.467	14.707	13.675	13.366	13.645
2071	20.70	14.266	14.933	15.364	15.348	14.773	13.639	12.040	10.134	8.109	6.137
2081	20.80	4.326	2.696	1.169	-0.395	-2.135	-4.112	-6.252	-8.338	-10.067	-11.152
2091	20.90	-11.440	-10.984	-10.047	-9.028	-8.330	-8.234	-8.822	-9.972	-11.440	-12.954
2101	21.00	-14.308	-15.395	-16.180	-16.640	-16.707	-16.251	-15.119	-13.200	-10.493	-7.133
2111	21.10	-3.361	0.544	4.338	7.865	11.051	13.863	16.262	18.168	19.464	20.045
2121	21.20	19.861	18.944	17.389	15.304	12.754	9.735	6.196	2.108	-2.657	-7.284
2131	21.30	-12.024	-16.280	-19.716	-22.153	-23.610	-24.269	-24.387	-24.196	-23.832	-23.324
2141	21.40	-22.633	-21.719	-20.589	-19.305	-17.962	-16.633	-15.340	-14.044	-12.677	-11.177
2151	21.50	-9.512	-7.676	-5.653	-3.387	-0.771	2.323	5.981	10.186	14.780	19.491
2161	21.60	23.997	28.017	31.380	34.035	36.015	37.358	38.044	37.971	36.989	34.976
2171	21.70	31.918	27.954	23.359	18.485	13.673	9.178	5.141	1.610	-1.422	-3.963
2181	21.80	-6.008	-7.544	-8.581	-9.184	-9.485	-9.661	-9.904	-10.376	-11.183	-12.363
2191	21.90	-13.894	-15.705	-17.679	-19.656	-21.441	-22.818	-23.591	-23.623	-22.886	-21.474
2201	22.00	-19.591	-17.498	-15.437	-13.572	-11.941	-10.470	-9.006	-7.388	-5.506	-3.339
2211	22.10	-0.956	1.517	3.954	6.289	8.550	10.863	13.419	16.397	19.885	23.812
2221	22.20	27.908	31.738	34.775	36.524	36.667	35.052	31.915	27.633	22.704	17.591
2231	22.30	12.608	7.859	3.257	-1.393	-6.287	-11.525	-17.060	-22.702	-28.172	-33.175
2241	22.40	-37.459	-40.854	-43.272	-44.690	-45.126	-44.623	-43.242	-41.066	-38.197	-34.743
2251	22.50	-30.811	-26.487	-21.835	-16.903	-11.744	-6.421	-1.015	4.401	9.775	15.097
2261	22.60	20.384	25.653	30.866	35.884	40.459	44.264	46.960	48.292	48.158	46.646
2271	22.70	44.005	40.582	36.722	32.697	28.659	24.645	20.615	16.513	12.312	8.050
2281	22.80	3.829	-0.197	-3.854	-6.978	-9.443	-11.181	-12.192	-12.548	-12.373	-11.827
2291	22.90	-11.070	-10.245	-9.465	-8.816	-8.370	-8.203	-8.391	-8.997	-10.048	-11.500
2301	23.00	-13.235	-15.073	-16.807	-18.246	-19.253	-19.755	-19.740	-19.232	-18.271	-16.906
2311	23.10	-15.200	-13.241	-11.143	-9.031	-7.009	-5.132	-3.388	-1.706	0.007	1.827
2321	23.20	3.783	5.847	7.960	10.058	12.090	14.022	15.808	17.367	18.563	19.230
2331	23.30	19.213	18.428	16.900	14.761	12.212	9.462	6.668	3.908	1.199	-1.469
2341	23.40	-4.092	-6.636	-9.054	-11.316	-13.442	-15.503	-17.578	-19.710	-21.852	-23.859
2351	23.50	-25.529	-26.665	-27.150	-26.978	-26.243	-25.086	-23.625	-21.913	-19.940	-17.678
2361	23.60	-15.132	-12.383	-9.580	-6.881	-4.386	-2.080	0.182	2.618	5.440	8.763
2371	23.70	12.556	16.652	20.804	24.771	28.387	31.587	34.390	36.843	38.966	40.713
2381	23.80	41.972	42.599	42.467	41.510	39.749	37.290	34.293	30.946	27.419	23.845
2391	23.90	20.303	16.813	13.347	9.846	6.244	2.495	-1.405	-5.402	-9.388	-13.221
2401	24.00	-16.753	-19.864	-22.495	-24.655	-26.416	-27.886	-29.171	-30.345	-31.422	-32.348
2411	24.10	-33.013	-33.285	-33.039	-32.197	-30.751	-28.768	-26.368	-23.697	-20.883	-18.003
2421	24.20	-15.070	-12.038	-8.835	-5.399	-1.721	2.142	6.065	9.888	13.458	16.663
2431	24.30	19.454	21.836	23.839	25.477	26.716	27.467	27.602	26.998	25.579	23.358
2441	24.40	20.444	17.026	13.338	9.616	6.062	2.824	-0.007	-2.396	-4.355	-5.936
2451	24.50	-7.227	-8.337	-9.374	-10.418	-11.501	-12.595	-13.624	-14.491	-15.107	-15.412
2461	24.60	-15.379	-14.997	-14.251	-13.122	-11.594	-9.702	-7.560	-5.377	-3.424	-1.965
2471	24.70	-1.169	-1.044	-1.423	-2.016	-2.503	-2.634	-2.296	-1.514	-0.397	0.940
2481	24.80	2.437	4.102	5.965	8.013	10.138	12.137	13.763	14.816	15.211	15.003
2491	24.90	14.338	13.371	12.177	10.719	8.883	6.568	3.778	0.677	-2.443	-5.254

Table 7-90-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-7.518	-9.178	-10.364	-11.327	-12.318	-13.468	-14.740	-15.957	-16.888	-17.363
2511	25.10	-17.335	-16.881	-16.143	-15.238	-14.196	-12.946	-11.364	-9.357	-6.928	-4.201
2521	25.20	-1.388	1.272	3.592	5.475	6.918	7.989	8.787	9.418	9.987	10.602
2531	25.30	11.366	12.358	13.596	14.998	16.382	17.504	18.133	18.129	17.498	16.387
2541	25.40	15.022	13.613	12.270	10.968	9.573	7.925	5.922	3.582	1.036	-1.527
2551	25.50	-3.933	-6.090	-7.994	-9.691	-11.211	-12.517	-13.497	-14.007	-13.949	-13.335
2561	25.60	-12.307	-11.102	-9.967	-9.068	-8.437	-7.976	-7.517	-6.907	-6.074	-5.058
2571	25.70	-3.984	-3.000	-2.225	-1.704	-1.407	-1.252	-1.127	-0.907	-0.463	0.334
2581	25.80	1.586	3.341	5.517	7.904	10.176	11.967	12.992	13.152	12.587	11.634
2591	25.90	10.711	10.164	10.139	10.540	11.082	11.426	11.319	10.698	9.690	8.538
2601	26.00	7.476	6.630	5.972	5.359	4.620	3.647	2.443	1.118	-0.178	-1.320
2611	26.10	-2.255	-3.009	-3.640	-4.203	-4.711	-5.140	-5.456	-5.647	-5.733	-5.749
2621	26.20	-5.709	-5.584	-5.301	-4.775	-3.970	-2.933	-1.804	-0.773	-0.013	0.377
2631	26.30	0.397	0.127	-0.338	-0.944	-1.701	-2.662	-3.863	-5.257	-6.688	-7.912
2641	26.40	-8.676	-8.808	-8.284	-7.239	-5.922	-4.607	-3.517	-2.776	-2.402	-2.345
2651	26.50	-2.523	-2.847	-3.225	-3.542	-3.665	-3.458	-2.832	-1.801	-0.506	0.801
2661	26.60	1.823	2.317	2.177	1.469	0.408	-0.731	-1.705	-2.389	-2.798	-3.059
2671	26.70	-3.336	-3.762	-4.381	-5.146	-5.941	-6.624	-7.068	-7.180	-6.905	-6.215
2681	26.80	-5.111	-3.623	-1.821	0.180	2.225	4.143	5.774	7.000	7.760	8.052
2691	26.90	7.926	7.466	6.785	6.017	5.304	4.782	4.551	4.652	5.047	5.626
2701	27.00	6.237	6.738	7.049	7.175	7.199	7.242	7.401	7.707	8.105	8.475
2711	27.10	8.682	8.622	8.256	7.607	6.724	5.648	4.388	2.925	1.244	-0.619
2721	27.20	-2.561	-4.415	-5.997	-7.170	-7.893	-8.238	-8.358	-8.425	-8.560	-8.785
2731	27.30	-9.029	-9.163	-9.075	-8.725	-8.172	-7.559	-7.061	-6.821	-6.907	-7.295
2741	27.40	-7.894	-8.585	-9.272	-9.897	-10.452	-10.943	-11.369	-11.688	-11.817	-11.646
2751	27.50	-11.065	-10.005	-8.466	-6.524	-4.328	-2.064	0.078	1.955	3.495	4.710
2761	27.60	5.685	6.538	7.374	8.246	9.130	9.939	10.554	10.868	10.828	10.453
2771	27.70	9.822	9.042	8.215	7.415	6.686	6.059	5.583	5.329	5.383	5.814
2781	27.80	6.624	7.724	8.936	10.026	10.768	11.010	10.714	9.958	8.902	7.733
2791	27.90	6.602	5.591	4.704	3.888	3.069	2.180	1.186	0.088	-1.085	-2.279
2801	28.00	-3.422	-4.438	-5.249	-5.797	-6.062	-6.068	-5.893	-5.641	-5.412	-5.264
2811	28.10	-5.193	-5.130	-4.969	-4.609	-3.999	-3.155	-2.159	-1.127	-0.169	0.643
2821	28.20	1.283	1.762	2.105	2.322	2.404	2.335	2.112	1.766	1.365	0.997
2831	28.30	0.737	0.613	0.591	0.583	0.482	0.203	-0.278	-0.916	-1.607	-2.228
2841	28.40	-2.672	-2.882	-2.852	-2.625	-2.259	-1.804	-1.294	-0.735	-0.125	0.539
2851	28.50	1.251	1.986	2.712	3.385	3.960	4.397	4.662	4.739	4.631	4.369
2861	28.60	4.002	3.589	3.180	2.797	2.428	2.034	1.564	0.984	0.293	-0.467
2871	28.70	-1.223	-1.893	-2.408	-2.729	-2.847	-2.778	-2.549	-2.186	-1.714	-1.170
2881	28.80	-0.605	-0.088	0.307	0.521	0.530	0.361	0.080	-0.226	-0.483	-0.659
2891	28.90	-0.775	-0.898	-1.117	-1.512	-2.126	-2.953	-3.934	-4.977	-5.971	-6.814
2901	29.00	-7.433	-7.794	-7.914	-7.854	-7.702	-7.553	-7.474	-7.484	-7.545	-7.571
2911	29.10	-7.459	-7.121	-6.518	-5.671	-4.652	-3.555	-2.470	-1.458	-0.546	0.258
2921	29.20	0.947	1.509	1.922	2.171	2.272	2.276	2.265	2.325	2.518	2.852
2931	29.30	3.279	3.710	4.048	4.221	4.198	3.995	3.654	3.221	2.738	2.233
2941	29.40	1.736	1.288	0.943	0.755	0.763	0.965	1.315	1.732	2.132	2.452
2951	29.50	2.677	2.842	3.006	3.229	3.538	3.920	4.326	4.696	4.980	5.162
2961	29.60	5.250	5.272	5.251	5.189	5.067	4.854	4.517	4.045	3.446	2.749
2971	29.70	1.986	1.185	0.361	-0.481	-1.337	-2.195	-3.032	-3.815	-4.517	-5.130
2981	29.80	-5.671	-6.178	-6.702	-7.276	-7.903	-8.542	-9.112	-9.520	-9.687	-9.579
2991	29.90	-9.224	-8.698	-8.109	-7.556	-7.095	-6.725	-6.394	-6.017	-5.511	-4.823

Table 7-90-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-3.938	-2.873	-1.662	-0.340	1.065	2.525	3.997	5.417	6.703	7.778
3011	30.10	8.602	9.189	9.614	9.986	10.397	10.879	11.377	11.757	11.851	11.524
3021	30.20	10.725	9.514	8.045	6.507	5.062	3.790	2.677	1.637	0.562	-0.623
3031	30.30	-1.921	-3.262	-4.530	-5.598	-6.380	-6.846	-7.032	-7.022	-6.924	-6.847
3041	30.40	-6.872	-7.047	-7.371	-7.797	-8.242	-8.599	-8.769	-8.684	-8.330	-7.749
3051	30.50	-7.025	-6.253	-5.510	-4.830	-4.199	-3.570	-2.887	-2.102	-1.187	-0.126
3061	30.60	1.097	2.509	4.141	6.012	8.098	10.317	12.519	14.512	16.096	17.116
3071	30.70	17.489	17.218	16.383	15.114	13.556	11.849	10.114	8.447	6.923	5.592
3081	30.80	4.477	3.574	2.849	2.252	1.733	1.258	0.818	0.426	0.105	-0.132
3091	30.90	-0.292	-0.411	-0.540	-0.727	-0.999	-1.355	-1.760	-2.160	-2.497	-2.725
3101	31.00	-2.824	-2.802	-2.695	-2.555	-2.441	-2.399	-2.450	-2.573	-2.710	-2.775
3111	31.10	-2.680	-2.365	-1.827	-1.127	-0.385	0.257	0.674	0.791	0.606	0.175
3121	31.20	-0.414	-1.075	-1.757	-2.450	-3.176	-3.966	-4.833	-5.763	-6.716	-7.642
3131	31.30	-8.502	-9.273	-9.959	-10.566	-11.096	-11.529	-11.823	-11.921	-11.762	-11.299
3141	31.40	-10.505	-9.380	-7.949	-6.263	-4.400	-2.456	-0.541	1.240	2.808	4.129
3151	31.50	5.225	6.164	7.042	7.946	8.928	9.986	11.059	12.050	12.843	13.337
3161	31.60	13.458	13.178	12.507	11.496	10.223	8.791	7.308	5.869	4.544	3.350
3171	31.70	2.256	1.184	0.040	-1.264	-2.773	-4.480	-6.324	-8.211	-10.036	-11.706
3181	31.80	-13.152	-14.328	-15.210	-15.786	-16.062	-16.061	-15.831	-15.439	-14.966	-14.475
3191	31.90	-14.015	-13.584	-13.149	-12.655	-12.042	-11.270	-10.318	-9.184	-7.872	-6.383
3201	32.00	-4.718	-2.881	-0.897	1.178	3.263	5.269	7.115	8.759	10.203	11.486
3211	32.10	12.669	13.802	14.909	15.970	16.932	17.719	18.249	18.452	18.274	17.687
3221	32.20	16.690	15.314	13.621	11.703	9.671	7.641	5.714	3.959	2.416	1.095
3231	32.30	0.006	-0.835	-1.386	-1.597	-1.426	-0.870	0.014	1.104	2.234	3.236
3241	32.40	3.981	4.418	4.576	4.551	4.459	4.400	4.412	4.474	4.514	4.449
3251	32.50	4.222	3.817	3.269	2.633	1.960	1.275	0.562	-0.214	-1.085	-2.055
3261	32.60	-3.086	-4.107	-5.031	-5.790	-6.345	-6.696	-6.869	-6.901	-6.822	-6.657
3271	32.70	-6.424	-6.153	-5.880	-5.648	-5.492	-5.424	-5.430	-5.481	-5.554	-5.648
3281	32.80	-5.789	-6.013	-6.338	-6.735	-7.115	-7.350	-7.315	-6.935	-6.223	-5.279
3291	32.90	-4.257	-3.313	-2.545	-1.971	-1.540	-1.172	-0.804	-0.426	-0.079	0.175
3301	33.00	0.294	0.290	0.237	0.246	0.422	0.831	1.479	2.320	3.281	4.292
3311	33.10	5.301	6.269	7.163	7.938	8.542	8.933	9.097	9.067	8.918	8.739
3321	33.20	8.599	8.512	8.436	8.282	7.957	7.402	6.613	5.638	4.550	3.410
3331	33.30	2.240	1.016	-0.314	-1.800	-3.452	-5.229	-7.039	-8.759	-10.268	-11.470
3341	33.40	-12.315	-12.801	-12.965	-12.869	-12.583	-12.174	-11.692	-11.166	-10.605	-10.001
3351	33.50	-9.337	-8.592	-7.750	-6.799	-5.729	-4.538	-3.228	-1.822	-0.369	1.050
3361	33.60	2.326	3.344	4.010	4.282	4.182	3.796	3.241	2.630	2.036	1.473
3371	33.70	0.906	0.282	-0.429	-1.203	-1.958	-2.571	-2.917	-2.912	-2.541	-1.860
3381	33.80	-0.971	0.007	0.984	1.912	2.792	3.646	4.496	5.339	6.140	6.846
3391	33.90	7.407	7.804	8.056	8.220	8.365	8.540	8.753	8.960	9.084	9.043
3401	34.00	8.790	8.335	7.752	7.151	6.646	6.311	6.155	6.123	6.114	6.027
3411	34.10	5.790	5.389	4.869	4.312	3.812	3.445	3.245	3.202	3.262	3.344
3421	34.20	3.354	3.202	2.820	2.175	1.277	0.179	-1.031	-2.255	-3.405	-4.427
3431	34.30	-5.305	-6.055	-6.702	-7.255	-7.695	-7.976	-8.043	-7.867	-7.462	-6.898
3441	34.40	-6.282	-5.733	-5.344	-5.160	-5.167	-5.308	-5.498	-5.654	-5.705	-5.601
3451	34.50	-5.314	-4.833	-4.172	-3.374	-2.512	-1.681	-0.976	-0.469	-0.180	-0.066
3461	34.60	-0.034	0.027	0.205	0.532	0.963	1.395	1.695	1.748	1.492	0.938
3471	34.70	0.160	-0.734	-1.632	-2.456	-3.172	-3.791	-4.349	-4.892	-5.447	-6.017
3481	34.80	-6.571	-7.057	-7.407	-7.554	-7.445	-7.051	-6.377	-5.461	-4.375	-3.206
3491	34.90	-2.048	-0.974	-0.025	0.802	1.550	2.286	3.083	3.989	5.010	6.101

Table 7-90-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	7.173	8.111	8.805	9.176	9.198	8.900	8.353	7.648	6.869	6.069
3511	35.10	5.269	4.464	3.666	2.824	2.037	1.348	0.828	0.530	0.460	0.575
3521	35.20	0.785	0.981	1.064	0.971	0.682	0.220	-0.364	-1.013	-1.669	-2.286
3531	35.30	-2.818	-3.228	-3.481	-3.556	-3.454	-3.192	-2.802	-2.305	-1.703	-0.963
3541	35.40	-0.037	1.119	2.508	4.075	5.707	7.256	8.587	9.610	10.303	10.696
3551	35.50	10.846	10.795	10.548	10.080	9.366	8.419	7.314	6.179	5.153	4.330
3561	35.60	3.709	3.184	2.575	1.692	0.410	-1.281	-3.273	-5.376	-7.383	-9.137
3571	35.70	-10.565	-11.683	-12.560	-13.279	-13.901	-14.446	-14.905	-15.248	-15.448	-15.477
3581	35.80	-15.312	-14.926	-14.294	-13.403	-12.271	-10.949	-9.518	-8.067	-6.656	-5.299
3591	35.90	-3.958	-2.563	-1.050	0.600	2.341	4.071	5.655	6.977	7.969	8.634
3601	36.00	9.033	9.257	9.395	9.501	9.589	9.631	9.578	9.378	8.990	8.393
3611	36.10	7.588	6.598	5.461	4.236	2.991	1.795	0.714	-0.205	-0.938	-1.485
3621	36.20	-1.860	-2.084	-2.173	-2.135	-1.971	-1.687	-1.304	-0.862	-0.420	-0.044
3631	36.30	0.211	0.317	0.287	0.169	0.030	-0.061	-0.063	0.032	0.194	0.376
3641	36.40	0.541	0.681	0.823	1.022	1.330	1.773	2.328	2.927	3.480	3.905
3651	36.50	4.160	4.254	4.227	4.131	3.991	3.793	3.490	3.029	2.385	1.587
3661	36.60	0.711	-0.141	-0.879	-1.459	-1.889	-2.214	-2.481	-2.712	-2.885	-2.955
3671	36.70	-2.882	-2.669	-2.375	-2.108	-1.979	-2.067	-2.380	-2.850	-3.362	-3.790
3681	36.80	-4.037	-4.056	-3.843	-3.422	-2.817	-2.053	-1.155	-0.171	0.821	1.716
3691	36.90	2.407	2.816	2.926	2.786	2.490	2.142	1.810	1.509	1.201	0.818
3701	37.00	0.305	-0.355	-1.132	-1.957	-2.751	-3.443	-3.985	-4.357	-4.554	-4.583
3711	37.10	-4.462	-4.229	-3.939	-3.661	-3.455	-3.352	-3.332	-3.328	-3.246	-3.005
3721	37.20	-2.572	-1.981	-1.321	-0.700	-0.203	0.140	0.360	0.526	0.705	0.934
3731	37.30	1.209	1.496	1.765	2.014	2.276	2.600	3.018	3.518	4.040	4.495
3741	37.40	4.811	4.965	4.997	4.992	5.030	5.136	5.257	5.270	5.034	4.449
3751	37.50	3.505	2.290	0.961	-0.322	-1.446	-2.381	-3.166	-3.872	-4.546	-5.178
3761	37.60	-5.701	-6.015	-6.038	-5.737	-5.149	-4.355	-3.456	-2.533	-1.629	-0.755
3771	37.70	0.094	0.919	1.703	2.415	3.028	3.531	3.935	4.270	4.569	4.854
3781	37.80	5.131	5.387	5.607	5.769	5.851	5.824	5.645	5.269	4.656	3.797
3791	37.90	2.732	1.554	0.387	-0.642	-1.440	-1.976	-2.277	-2.414	-2.468	-2.503
3801	38.00	-2.552	-2.627	-2.731	-2.877	-3.089	-3.389	-3.779	-4.229	-4.676	-5.048
3811	38.10	-5.297	-5.421	-5.477	-5.560	-5.768	-6.161	-6.735	-7.419	-8.103	-8.666
3821	38.20	-9.014	-9.094	-8.894	-8.425	-7.707	-6.754	-5.574	-4.183	-2.607	-0.886
3831	38.30	0.927	2.783	4.639	6.466	8.237	9.924	11.493	12.899	14.100	15.060
3841	38.40	15.754	16.171	16.300	16.131	15.661	14.899	13.887	12.702	11.447	10.226
3851	38.50	9.110	8.111	7.177	6.218	5.148	3.928	2.590	1.233	-0.022	-1.080
3861	38.60	-1.918	-2.589	-3.204	-3.874	-4.660	-5.546	-6.447	-7.247	-7.857	-8.249
3871	38.70	-8.470	-8.610	-8.763	-8.979	-9.249	-9.512	-9.688	-9.711	-9.553	-9.214
3881	38.80	-8.709	-8.041	-7.200	-6.168	-4.951	-3.596	-2.202	-0.892	0.215	1.051
3891	38.90	1.610	1.947	2.139	2.248	2.292	2.246	2.063	1.712	1.203	0.599
3901	39.00	-0.009	-0.533	-0.914	-1.135	-1.218	-1.193	-1.085	-0.905	-0.662	-0.378
3911	39.10	-0.103	0.092	0.143	0.017	-0.262	-0.616	-0.946	-1.165	-1.238	-1.193
3921	39.20	-1.100	-1.043	-1.079	-1.224	-1.461	-1.765	-2.124	-2.551	-3.065	-3.666
3931	39.30	-4.305	-4.884	-5.280	-5.389	-5.168	-4.651	-3.935	-3.129	-2.314	-1.509
3941	39.40	-0.680	0.221	1.211	2.260	3.204	3.979	4.477	4.688	4.680	4.573
3951	39.50	4.476	4.448	4.477	4.505	4.476	4.374	4.243	4.159	4.183	4.313
3961	39.60	4.468	4.515	4.325	3.837	3.094	2.226	1.403	0.761	0.351	0.133
3971	39.70	0.005	-0.132	-0.321	-0.531	-0.677	-0.668	-0.461	-0.087	0.364	0.782
3981	39.80	1.088	1.260	1.335	1.376	1.432	1.510	1.574	1.573	1.470	1.269
3991	39.90	1.014	0.764	0.561	0.406	0.254	0.041	-0.285	-0.729	-1.250	-1.768

Table 7-90-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-2.200	-2.489	-2.622	-2.618	-2.516	-2.346	-2.122	-1.843	-1.510	-1.141
4011	40.10	-0.778	-0.472	-0.267	-0.181	-0.192	-0.248	-0.287	-0.258	-0.137	0.072
4021	40.20	0.351	0.682	1.060	1.496	1.998	2.563	3.161	3.733	4.210	4.526
4031	40.30	4.639	4.545	4.272	3.868	3.382	2.855	2.303	1.732	1.138	0.525
4041	40.40	-0.086	-0.660	-1.149	-1.506	-1.697	-1.714	-1.575	-1.326	-1.027	-0.743
4051	40.50	-0.528	-0.418	-0.429	-0.554	-0.770	-1.043	-1.330	-1.583	-1.760	-1.832
4061	40.60	-1.795	-1.680	-1.551	-1.491	-1.583	-1.878	-2.370	-2.994	-3.660	-4.185
4071	40.70	-4.535	-4.655	-4.580	-4.391	-4.184	-4.027	-3.931	-3.848	-3.697	-3.397
4081	40.80	-2.905	-2.230	-1.429	-0.582	0.242	1.007	1.714	2.390	3.063	3.743
4091	40.90	4.408	5.015	5.513	5.864	6.057	6.108	6.051	5.925	5.758	5.567
4101	41.00	5.347	5.087	4.767	4.370	3.882	3.303	2.639	1.910	1.139	0.349
4111	41.10	-0.448	-1.255	-2.084	-2.952	-3.859	-4.780	-5.661	-6.432	-7.026	-7.402
4121	41.20	-7.565	-7.556	-7.441	-7.275	-7.084	-6.851	-6.529	-6.063	-5.425	-4.625
4131	41.30	-3.712	-2.752	-1.803	-0.890	-0.002	0.892	1.819	2.776	3.718	4.573
4141	41.40	5.262	5.729	5.959	5.980	5.850	5.632	5.377	5.112	4.844	4.570
4151	41.50	4.289	4.006	3.733	3.478	3.246	3.029	2.813	2.580	2.313	1.996
4161	41.60	1.614	1.153	0.606	-0.025	-0.722	-1.458	-2.197	-2.913	-3.599	-4.246
4171	41.70	-4.937	-5.630	-6.346	-7.054	-7.705	-8.244	-8.631	-8.850	-8.904	-8.801
4181	41.80	-8.533	-8.070	-7.369	-6.398	-5.166	-3.738	-2.231	-0.777	0.510	1.578
4191	41.90	2.445	3.183	3.830	4.600	5.358	6.121	6.835	7.451	7.952	8.347
4201	42.00	8.654	8.869	8.957	8.848	8.472	7.789	6.817	5.632	4.345	3.060
4211	42.10	1.843	0.705	-0.383	-1.464	-2.556	-3.636	-4.644	-5.506	-6.163	-6.589
4221	42.20	-6.798	-6.823	-6.702	-6.456	-6.090	-5.601	-4.995	-4.292	-3.528	-2.747
4231	42.30	-1.985	-1.265	-0.603	-0.009	0.499	0.902	1.190	1.378	1.519	1.693
4241	42.40	1.984	2.447	3.085	3.835	4.596	5.263	5.767	6.101	6.318	6.497
4251	42.50	6.712	6.987	7.294	7.562	7.712	7.685	7.461	7.052	6.484	5.770
4261	42.60	4.904	3.870	2.664	1.322	-0.072	-1.398	-2.536	-3.402	-3.978	-4.314
4271	42.70	-4.505	-4.651	-4.823	-5.041	-5.284	-5.510	-5.686	-5.802	-5.871	-5.909
4281	42.80	-5.911	-5.847	-5.665	-5.318	-4.796	-4.139	-3.430	-2.770	-2.231	-1.833
4291	42.90	-1.530	-1.238	-0.878	-0.414	0.119	0.631	1.009	1.172	1.104	0.869
4301	43.00	0.582	0.364	0.298	0.404	0.634	0.909	1.156	1.335	1.451	1.537
4311	43.10	1.620	1.703	1.749	1.696	1.487	1.096	0.543	-0.106	-0.765	-1.352
4321	43.20	-1.809	-2.112	-2.262	-2.272	-2.154	-1.917	-1.573	-1.144	-0.671	-0.208
4331	43.30	0.191	0.488	0.675	0.778	0.852	0.960	1.157	1.472	1.903	2.415
4341	43.40	2.950	3.436	3.805	4.002	4.000	3.803	3.444	2.981	2.476	1.972
4351	43.50	1.500	1.050	0.594	0.094	-0.478	-1.126	-1.825	-2.528	-3.176	-3.715
4361	43.60	-4.106	-4.334	-4.404	-4.343	-4.193	-3.997	-3.799	-3.626	-3.481	-3.343
4371	43.70	-3.167	-2.902	-2.506	-1.966	-1.306	-0.582	0.128	0.750	1.227	1.534
4381	43.80	1.674	1.674	1.575	1.424	1.270	1.167	1.161	1.288	1.562	1.964
4391	43.90	2.450	2.957	3.428	3.826	4.144	4.402	4.626	4.838	5.038	5.206
4401	44.00	5.317	5.354	5.318	5.220	5.072	4.872	4.592	4.190	3.627	2.890
4411	44.10	2.000	1.012	-0.012	-1.025	-2.010	-2.977	-3.945	-4.910	-5.831	-6.630
4421	44.20	-7.221	-7.538	-7.570	-7.360	-6.992	-6.551	-6.091	-5.614	-5.082	-4.440
4431	44.30	-3.656	-2.735	-1.726	-0.704	0.262	1.123	1.859	2.469	2.952	3.300
4441	44.40	3.497	3.530	3.406	3.157	2.838	2.505	2.196	1.922	1.663	1.392
4451	44.50	1.092	0.771	0.467	0.227	0.090	0.060	0.108	0.172	0.182	0.083
4461	44.60	-0.156	-0.532	-1.016	-1.565	-2.135	-2.683	-3.176	-3.585	-3.888	-4.074
4471	44.70	-4.139	-4.092	-3.955	-3.758	-3.542	-3.348	-3.220	-3.192	-3.284	-3.495
4481	44.80	-3.796	-4.122	-4.404	-4.561	-4.529	-4.273	-3.789	-3.098	-2.237	-1.239
4491	44.90	-0.135	1.050	2.286	3.537	4.756	5.894	6.909	7.780	8.503	9.086

Table 7-90-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	9.536	9.845	9.992	9.946	9.684	9.205	8.540	7.737	6.855	5.937
4511	45.10	5.008	4.065	3.098	2.103	1.092	0.099	-0.832	-1.662	-2.373	-2.969
4521	45.20	-3.472	-3.909	-4.301	-4.652	-4.952	-5.184	-5.335	-5.402	-5.386	-5.291
4531	45.30	-5.113	-4.842	-4.465	-3.979	-3.404	-2.785	-2.186	-1.674	-1.293	-1.048
4541	45.40	-0.895	-0.756	-0.538	-0.173	0.362	1.030	1.740	2.377	2.834	3.045
4551	45.50	2.996	2.729	2.319	1.850	1.391	0.984	0.647	0.380	0.180	0.043
4561	45.60	-0.035	-0.061	-0.059	-0.061	-0.106	-0.225	-0.435	-0.735	-1.108	-1.529
4571	45.70	-1.974	-2.414	-2.823	-3.168	-3.414	-3.536	-3.524	-3.402	-3.214	-3.017
4581	45.80	-2.849	-2.714	-2.569	-2.343	-1.965	-1.398	-0.658	0.192	1.066	1.897
4591	45.90	2.659	3.376	4.097	4.860	5.654	6.419	7.059	7.488	7.665	7.616
4601	46.00	7.424	7.184	6.970	6.796	6.625	6.389	6.034	5.544	4.945	4.288
4611	46.10	3.613	2.928	2.205	1.405	0.505	-0.475	-1.470	-2.400	-3.200	-3.856
4621	46.20	-4.411	-4.947	-5.545	-6.252	-7.062	-7.923	-8.756	-9.488	-10.063	-10.442
4631	46.30	-10.591	-10.470	-10.041	-9.282	-8.220	-6.945	-5.601	-4.354	-3.341	-2.620
4641	46.40	-2.154	-1.824	-1.475	-0.976	-0.268	0.618	1.581	2.486	3.215	3.701
4651	46.50	3.936	3.963	3.844	3.634	3.360	3.018	2.583	2.027	1.342	0.554
4661	46.60	-0.268	-1.021	-1.587	-1.864	-1.798	-1.401	-0.756	0.003	0.734	1.331
4671	46.70	1.755	2.048	2.308	2.644	3.131	3.776	4.516	5.244	5.846	6.266
4681	46.80	6.421	6.397	6.222	5.939	5.566	5.102	4.540	3.898	3.229	2.614
4691	46.90	2.142	1.874	1.822	1.941	2.149	2.353	2.480	2.494	2.392	2.194
4701	47.00	1.917	1.568	1.143	0.635	0.055	-0.563	-1.160	-1.669	-2.035	-2.230
4711	47.10	-2.265	-2.183	-2.049	-1.933	-1.898	-1.994	-2.247	-2.658	-3.201	-3.821
4721	47.20	-4.439	-4.970	-5.341	-5.516	-5.513	-5.399	-5.274	-5.235	-5.338	-5.575
4731	47.30	-5.875	-6.127	-6.218	-6.074	-5.682	-5.094	-4.399	-3.687	-3.028	-2.452
4741	47.40	-1.956	-1.530	-1.171	-0.888	-0.696	-0.593	-0.543	-0.472	-0.288	0.086
4751	47.50	0.676	1.442	2.281	3.064	3.681	4.073	4.257	4.301	4.296	4.313
4761	47.60	4.381	4.478	4.560	4.586	4.544	4.453	4.353	4.273	4.213	4.136
4771	47.70	3.979	3.685	3.228	2.628	1.948	1.271	0.671	0.187	-0.182	-0.472
4781	47.80	-0.732	-1.000	-1.291	-1.593	-1.873	-2.090	-2.208	-2.205	-2.075	-1.824
4791	47.90	-1.472	-1.045	-0.572	-0.081	0.406	0.877	1.327	1.755	2.160	2.531
4801	48.00	2.849	3.091	3.236	3.276	3.217	3.078	2.883	2.652	2.391	2.094
4811	48.10	1.754	1.364	0.930	0.468	-0.003	-0.469	-0.933	-1.403	-1.893	-2.399
4821	48.20	-2.890	-3.314	-3.603	-3.701	-3.536	-3.284	-2.863	-2.423	-2.057	-1.829
4831	48.30	-1.753	-1.792	-1.875	-1.920	-1.864	-1.681	-1.388	-1.040	-0.707	-0.461
4841	48.40	-0.350	-0.392	-0.575	-0.858	-1.189	-1.515	-1.793	-2.000	-2.128	-2.186
4851	48.50	-2.191	-2.165	-2.126	-2.087	-2.051	-2.010	-1.944	-1.825	-1.621	-1.309
4861	48.60	-0.884	-0.373	0.169	0.663	1.028	1.204	1.172	0.963	0.647	0.314
4871	48.70	0.040	-0.142	-0.248	-0.335	-0.472	-0.704	-1.022	-1.358	-1.596	-1.619
4881	48.80	-1.343	-0.760	0.063	0.998	1.899	2.648	3.187	3.524	3.712	3.804
4891	48.90	3.825	3.745	3.498	3.015	2.271	1.316	0.279	-0.670	-1.375	-1.752
4901	49.00	-1.824	-1.709	-1.578	-1.583	-1.795	-2.180	-2.609	-2.915	-2.961	-2.687
4911	49.10	-2.125	-1.374	-0.548	0.275	1.075	1.888	2.765	3.727	4.748	5.749
4921	49.20	6.660	7.354	7.881	8.265	8.567	8.827	9.016	9.037	8.748	8.022
4931	49.30	6.802	5.132	3.159	1.089	-0.861	-2.520	-3.782	-4.611	-5.025	-5.073
4941	49.40	-4.829	-4.388	-3.869	-3.402	-3.100	-3.024	-3.149	-3.366	-3.511	-3.434
4951	49.50	-3.069	-2.478	-1.849	-1.425	-1.416	-1.897	-2.766	-3.763	-4.556	-4.866
4961	49.60	-4.575	-3.769	-2.716	-1.764	-1.217	-1.229	-1.756	-2.580	-3.392	-3.990
4971	49.70	-3.912	-3.381	-2.390	-1.103	0.305	1.690	2.966	4.096	5.069	5.877
4981	49.80	6.503	6.919	7.092	6.993	6.593	5.870	4.807	3.412	1.736	-0.106
4991	49.90	-1.932	-3.521	-4.660	-5.213	-5.168	-4.664	-3.952	-3.329	-3.043	-3.217

Table 7-90-11

TABLE OF CORRECTED ACCELERATION RECORD

NO.11

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-3.811	-4.643	-5.460	-6.027	-6.202	-5.973	-5.433	-4.730	-3.990	-3.267
5011	50.10	-2.526	-1.673	-0.610	0.710	2.247	3.876	5.424	6.724	7.665	8.224
5021	50.20	8.459	8.479	8.406	8.327	8.275	8.227	8.127	7.910	7.531	6.982
5031	50.30	6.281	5.463	4.556	3.569	2.493	1.312	0.032	-1.302	-2.559	-3.739
5041	50.40	-4.608	-5.131	-5.310	-5.222	-5.004	-4.801	-4.728	-4.835	-5.099	-5.454
5051	50.50	-5.826	-6.169	-6.480	-6.788	-7.127	-7.499	-7.864	-8.138	-8.230	-8.066
5061	50.60	-7.615	-6.894	-5.944	-4.807	-3.510	-2.072	-0.519	1.086	2.632	3.978
5071	50.70	4.989	5.590	5.795	5.716	5.519	5.371	5.375	5.536	5.774	5.958
5081	50.80	5.967	5.742	5.296	4.704	4.066	3.464	2.942	2.506	2.145	1.847
5091	50.90	1.616	1.460	1.375	1.333	1.274	1.126	0.830	0.357	-0.273	-1.009
5101	51.00	-1.785	-2.539	-3.228	-3.819	-4.272	-4.535	-4.543	-4.248	-3.668	-2.812
5111	51.10	-1.882	-1.042	-0.469	-0.271	-0.445	-0.877	-1.367	-1.689	-1.655	-1.166
5121	51.20	-0.236	1.018	2.411	3.732	4.792	5.461	5.694	5.531	5.088	4.532
5131	51.30	4.037	3.748	3.744	4.026	4.524	5.124	5.697	6.132	6.347	6.280
5141	51.40	5.884	5.115	3.936	2.338	0.368	-1.861	-4.175	-6.380	-8.306	-9.859
5151	51.50	-11.038	-11.918	-12.599	-13.152	-13.567	-13.754	-13.572	-12.890	-11.648	-9.889
5161	51.60	-7.760	-5.475	-3.260	-1.308	0.245	1.319	1.876	1.913	1.460	0.602
5171	51.70	-0.504	-1.626	-2.492	-2.844	-2.511	-1.466	0.154	2.087	4.010	5.637
5181	51.80	6.792	7.449	7.711	7.765	7.807	7.984	8.361	8.928	9.627	10.388
5191	51.90	11.159	11.904	12.597	13.188	13.592	13.684	13.319	12.374	10.790	8.603
5201	52.00	5.958	3.086	0.271	-2.211	-4.143	-5.405	-5.987	-5.984	-5.563	-4.923
5211	52.10	-4.262	-3.740	-3.465	-3.485	-3.795	-4.337	-5.022	-5.745	-6.404	-6.923
5221	52.20	-7.274	-7.485	-7.635	-7.832	-8.181	-8.739	-9.489	-10.330	-11.092	-11.580
5231	52.30	-11.626	-11.141	-10.161	-8.744	-7.143	-5.543	-4.108	-2.918	-1.957	-1.137
5241	52.40	-0.340	0.520	1.462	2.423	3.282	3.908	4.215	4.204	3.965	3.648
5251	52.50	3.405	3.326	3.399	3.515	3.505	3.217	2.580	1.653	0.614	-0.289
5261	52.60	-0.820	-0.833	-0.322	0.582	1.651	2.644	3.377	3.783	3.915	3.928
5271	52.70	4.015	4.346	5.021	6.045	7.326	8.707	9.997	11.013	11.609	11.698
5281	52.80	11.258	10.328	8.989	7.348	5.507	3.553	1.542	-0.493	-2.526	-4.522
5291	52.90	-6.418	-8.121	-9.515	-10.486	-10.945	-10.853	-10.231	-9.153	-7.725	-6.067
5301	53.00	-4.287	-2.480	-0.726	0.896	2.296	3.372	4.022	4.166	3.773	2.873
5311	53.10	1.556	-0.041	-1.769	-3.488	-5.087	-6.477	-7.582	-8.320	-8.610	-8.384
5321	53.20	-7.626	-6.403	-4.879	-3.298	-1.930	-0.996	-0.608	-0.733	-1.210	-1.801
5331	53.30	-2.267	-2.433	-2.216	-1.626	-0.717	0.444	1.818	3.389	5.146	7.060
5341	53.40	9.063	11.055	12.928	14.590	15.981	17.063	17.801	18.142	18.016	17.354
5351	53.50	16.131	14.402	12.312	10.066	7.873	5.878	4.123	2.544	1.024	-0.544
5361	53.60	-2.189	-3.847	-5.385	-6.665	-7.617	-8.276	-8.778	-9.309	-10.030	-11.017
5371	53.70	-12.233	-13.554	-14.815	-15.867	-16.615	-17.019	-17.072	-16.775	-16.114	-15.067
5381	53.80	-13.631	-11.849	-9.823	-7.707	-5.673	-3.869	-2.386	-1.254	-0.447	0.078
5391	53.90	0.364	0.437	0.316	0.035	-0.336	-0.684	-0.867	-0.743	-0.214	0.747
5401	54.00	2.086	3.676	5.353	6.957	8.367	9.522	10.430	11.145	11.740	12.278
5411	54.10	12.783	13.229	13.539	13.603	13.305	12.551	11.293	9.537	7.350	4.843
5421	54.20	2.157	-0.556	-3.150	-5.497	-7.491	-9.060	-10.162	-10.796	-11.002	-10.856
5431	54.30	-10.470	-9.973	-9.491	-9.131	-8.955	-8.973	-9.138	-9.354	-9.496	-9.430
5441	54.40	-9.039	-8.242	-7.000	-5.328	-3.285	-0.973	1.476	3.908	6.159	8.074
5451	54.50	9.533	10.470	10.894	10.893	10.621	10.262	9.984	9.899	10.031	10.309
5461	54.60	10.596	10.721	10.536	9.948	8.941	7.574	5.957	4.220	2.481	0.824
5471	54.70	-0.712	-2.123	-3.430	-4.654	-5.795	-6.819	-7.656	-8.212	-8.398	-8.159
5481	54.80	-7.506	-6.517	-5.329	-4.094	-2.938	-1.921	-1.020	-0.164	0.822	1.969
5491	54.90	3.323	4.830	6.369	7.792	8.961	9.780	10.203	10.227	9.872	9.168

Table 7-90-12

TABLE OF CORRECTED ACCELERATION RECORD

NO.12

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	8.150	6.869	5.399	3.838	2.302	0.898	-0.293	-1.230	-1.917	-2.383
5511	55.10	-2.671	-2.824	-2.888	-2.914	-2.970	-3.134	-3.485	-4.078	-4.927	-5.999
5521	55.20	-7.223	-8.513	-9.790	-10.990	-12.064	-12.962	-13.622	-13.970	-13.941	-13.499
5531	55.30	-12.669	-11.528	-10.190	-8.758	-7.290	-5.778	-4.160	-2.362	-0.345	1.860
5541	55.40	4.148	6.371	8.386	10.097	11.477	12.553	13.378	13.993	14.401	14.570
5551	55.50	14.459	14.035	13.295	12.267	10.986	9.485	7.785	5.897	3.845	1.673
5561	55.60	-0.546	-2.722	-4.773	-6.635	-8.262	-9.617	-10.642	-11.277	-11.418	-11.008
5571	55.70	-10.052	-8.656	-7.027	-5.436	-4.155	-3.387	-3.213	-3.584	-4.342	-5.278
5581	55.80	-6.179	-6.872	-7.242	-7.227	-6.806	-5.992	-4.824	-3.365	-1.706	0.049
5591	55.90	1.792	3.427	4.877	6.088	7.018	7.640	7.938	7.916	7.611	7.096
5601	56.00	6.465	5.820	5.235	4.742	4.324	3.931	3.508	3.019	2.461	1.859
5611	56.10	1.252	0.675	0.144	-0.336	-0.768	-1.143	-1.448	-1.666	-1.791	-1.839
5621	56.20	-1.841	-1.830	-1.818	-1.786	-1.691	-1.485	-1.147	-0.705	-0.232	0.171
5631	56.30	0.422	0.488	0.404	0.256	0.146	0.151	0.292	0.529	0.791	1.012
5641	56.40	1.161	1.261	1.373	1.574	1.916	2.414	3.034	3.711	4.363	4.911
5651	56.50	5.290	5.446	5.339	4.950	4.284	3.382	2.323	1.215	0.167	-0.734
5661	56.60	-1.449	-1.994	-2.424	-2.812	-3.213	-3.646	-4.089	-4.501	-4.840	-5.089
5671	56.70	-5.263	-5.394	-5.508	-5.598	-5.609	-5.451	-5.021	-4.246	-3.113	-1.685
5681	56.80	-0.085	1.529	3.007	4.231	5.134	5.691	5.906	5.792	5.371	4.681
5691	56.90	3.786	2.783	1.794	0.938	0.297	-0.109	-0.323	-0.435	-0.534	-0.674
5701	57.00	-0.843	-0.976	-0.985	-0.805	-0.429	0.085	0.642	1.144	1.538	1.826
5711	57.10	2.054	2.272	2.495	2.674	2.705	2.467	1.863	0.865	-0.471	-2.025
5721	57.20	-3.640	-5.165	-6.474	-7.479	-8.119	-8.356	-8.174	-7.587	-6.653	-5.479
5731	57.30	-4.206	-2.981	-1.919	-1.078	-0.450	0.019	0.395	0.730	1.042	1.322
5741	57.40	1.553	1.735	1.895	2.076	2.315	2.616	2.940	3.209	3.342	3.279
5751	57.50	3.013	2.588	2.080	1.566	1.095	0.678	0.296	-0.077	-0.448	-0.791
5761	57.60	-1.053	-1.176	-1.119	-0.877	-0.480	0.018	0.562	1.110	1.643	2.152
5771	57.70	2.625	3.036	3.343	3.499	3.473	3.259	2.880	2.379	1.791	1.132
5781	57.80	0.389	-0.466	-1.453	-2.552	-3.692	-4.756	-5.609	-6.134	-6.265	-5.997
5791	57.90	-5.381	-4.489	-3.386	-2.114	-0.687	0.888	2.582	4.338	6.063	7.657
5801	58.00	9.038	10.165	11.041	11.696	12.158	12.426	12.469	12.234	11.683	10.815
5811	58.10	9.680	8.368	6.971	5.546	4.097	2.571	0.893	-0.998	-3.113	-5.397
5821	58.20	-7.742	-10.015	-12.093	-13.879	-15.311	-16.353	-16.982	-17.187	-16.972	-16.371
5831	58.30	-15.455	-14.324	-13.086	-11.830	-10.600	-9.396	-8.192	-6.984	-5.725	-4.530
5841	58.40	-3.468	-2.626	-2.053	-1.741	-1.623	-1.605	-1.601	-1.561	-1.482	-1.391
5851	58.50	-1.308	-1.219	-1.061	-0.732	-0.123	0.840	2.174	3.831	5.708	7.685
5861	58.60	9.642	11.483	13.133	14.533	15.620	16.331	16.607	16.403	15.706	14.563
5871	58.70	12.976	11.099	9.014	6.826	4.631	2.510	0.530	-1.260	-2.833	-4.184
5881	58.80	-5.328	-6.291	-7.095	-7.747	-8.236	-8.538	-8.632	-8.518	-8.230	-7.831
5891	58.90	-7.397	-6.996	-6.655	-6.352	-6.023	-5.579	-4.936	-4.041	-2.885	-1.501
5901	59.00	0.047	1.685	3.334	4.917	6.359	7.582	8.517	9.112	9.349	9.260
5911	59.10	8.921	8.433	7.897	7.381	6.912	6.452	5.943	5.323	4.554	3.637
5921	59.20	2.612	1.540	0.483	-0.511	-1.417	-2.227	-2.946	-3.579	-4.139	-4.641
5931	59.30	-5.113	-5.587	-6.091	-6.638	-7.213	-7.766	-8.228	-8.524	-8.597	-8.425
5941	59.40	-8.020	-7.420	-6.673	-5.817	-4.869	-3.827	-2.679	-1.412	-0.027	1.456
5951	59.50	2.994	4.526	5.977	7.266	8.315	9.064	9.479	9.568	9.380	8.995
5961	59.60	8.504	7.988	7.492	7.020	6.542	6.012	5.393	4.670	3.854	2.971
5971	59.70	2.042	1.073	0.052	-1.042	-2.218	-3.455	-4.700	-5.878	-6.909	-7.736
5981	59.80	-8.346	-8.754	-9.004	-9.145	-9.208	-9.202	-9.117	-8.929	-8.620	-8.180
5991	59.90	-7.611	-6.926	-6.148	-5.310	-4.454	-3.634	-2.904	-2.301	-1.829	-1.450

Table 7−90−13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-1.088	-0.651	-0.064	0.705	1.626	2.623	3.598	4.469	5.192	5.772
6011	60.10	6.244	6.644	6.983	7.244	7.390	7.394	7.254	7.005	6.699	6.375
6021	60.20	6.026	5.600	5.010	4.180	3.088	1.795	0.437	-0.813	-1.795	-2.410
6031	60.30	-2.643	-2.552	-2.232	-1.780	-1.262	-0.715	-0.159	0.381	0.867	1.254
6041	60.40	1.511	1.663	1.697	1.752	1.890	2.159	2.555	3.023	3.482	3.855
6051	60.50	4.097	4.207	4.214	4.156	4.057	3.914	3.707	3.413	3.018	2.530
6061	60.60	1.970	1.365	0.727	0.058	-0.655	-1.424	-2.255	-3.165	-4.086	-5.068
6071	60.70	-6.081	-7.109	-8.118	-9.053	-9.840	-10.403	-10.696	-10.719	-10.525	-10.210
6081	60.80	-9.875	-9.594	-9.390	-9.228	-9.040	-8.755	-8.330	-7.767	-7.101	-6.381
6091	60.90	-5.642	-4.895	-4.122	-3.297	-2.403	-1.450	-0.466	0.507	1.441	2.329
6101	61.00	3.189	4.052	4.945	5.873	6.812	7.716	8.524	9.176	9.628	9.850
6111	61.10	9.835	9.597	9.173	8.622	8.024	7.463	7.017	6.733	6.613	6.615
6121	61.20	6.662	6.662	6.543	6.264	5.831	5.286	4.691	4.111	3.597	3.178
6131	61.30	2.858	2.626	2.454	2.306	2.134	1.890	1.528	1.012	0.334	-0.489
6141	61.40	-1.412	-2.374	-3.310	-4.164	-4.898	-5.492	-5.936	-6.229	-6.372	-6.373
6151	61.50	-6.252	-6.047	-5.814	-5.612	-5.494	-5.484	-5.571	-5.706	-5.825	-5.865
6161	61.60	-5.787	-5.588	-5.294	-4.951	-4.605	-4.291	-4.026	-3.822	-3.688	-3.642
6171	61.70	-3.696	-3.850	-4.067	-4.276	-4.379	-4.284	-3.935	-3.347	-2.600	-1.819
6181	61.80	-1.127	-0.601	-0.236	0.046	0.366	0.836	1.514	2.383	3.357	4.325
6191	61.90	5.194	5.917	6.507	7.007	7.461	7.876	8.211	8.391	8.333	7.986
6201	62.00	7.347	6.464	5.421	4.306	3.193	2.134	1.162	0.303	-0.412	-0.948
6211	62.10	-1.273	-1.372	-1.257	-0.970	-0.572	-0.131	0.294	0.665	0.967	1.206
6221	62.20	1.404	1.593	1.804	2.063	2.380	2.744	3.116	3.442	3.664	3.736
6231	62.30	3.643	3.403	3.061	2.673	2.284	1.920	1.580	1.252	0.926	0.600
6241	62.40	0.289	0.013	-0.218	-0.410	-0.590	-0.796	-1.058	-1.392	-1.790	-2.225
6251	62.50	-2.666	-3.085	-3.462	-3.787	-4.050	-4.234	-4.324	-4.306	-4.179	-3.961
6261	62.60	-3.685	-3.386	-3.092	-2.817	-2.559	-2.314	-2.088	-1.898	-1.774	-1.740
6271	62.70	-1.799	-1.920	-2.047	-2.109	-2.047	-1.833	-1.476	-1.019	-0.520	-0.033
6281	62.80	0.401	0.755	1.016	1.175	1.229	1.187	1.072	0.929	0.811	0.765
6291	62.90	0.813	0.941	1.102	1.230	1.262	1.161	0.922	0.568	0.133	-0.355
6301	63.00	-0.878	-1.428	-1.992	-2.545	-3.045	-3.445	-3.705	-3.812	-3.781	-3.647
6311	63.10	-3.450	-3.215	-2.945	-2.621	-2.221	-1.733	-1.167	-0.552	0.079	0.704
6321	63.20	1.320	1.941	2.582	3.240	3.883	4.449	4.865	5.070	5.039	4.795
6331	63.30	4.409	3.936	3.480	3.085	2.773	2.532	2.339	2.166	1.996	1.828
6341	63.40	1.673	1.548	1.471	1.458	1.518	1.650	1.844	2.075	2.306	2.490
6351	63.50	2.579	2.532	2.327	1.968	1.482	0.919	0.340	-0.196	-0.645	-0.987
6361	63.60	-1.226	-1.391	-1.523	-1.661	-1.827	-2.022	-2.218	-2.377	-2.457	-2.438
6371	63.70	-2.331	-2.177	-2.040	-1.981	-2.038	-2.216	-2.478	-2.763	-3.005	-3.153
6381	63.80	-3.182	-3.093	-2.909	-2.655	-2.350	-2.009	-1.644	-1.274	-0.925	-0.629
6391	63.90	-0.408	-0.263	-0.170	-0.081	0.048	0.243	0.490	0.735	0.902	0.921
6401	64.00	0.757	0.423	-0.019	-0.487	-0.904	-1.223	-1.439	-1.572	-1.648	-1.676
6411	64.10	-1.640	-1.503	-1.233	-0.824	-0.309	0.245	0.755	1.153	1.400	1.496
6421	64.20	1.467	1.347	1.162	0.926	0.647	0.341	0.042	-0.202	-0.342	-0.350
6431	64.30	-0.233	-0.035	0.180	0.359	0.480	0.568	0.682	0.890	1.235	1.715
6441	64.40	2.281	2.854	3.353	3.727	3.968	4.107	4.193	4.272	4.366	4.468
6451	64.50	4.550	4.580	4.537	4.421	4.250	4.052	3.850	3.653	3.451	3.217
6461	64.60	2.919	2.529	2.038	1.457	0.817	0.162	-0.468	-1.051	-1.589	-2.104
6471	64.70	-2.633	-3.204	-3.822	-4.466	-5.092	-5.650	-6.107	-6.461	-6.736	-6.975
6481	64.80	-7.207	-7.437	-7.637	-7.756	-7.751	-7.605	-7.345	-7.027	-6.714	-6.442
6491	64.90	-6.199	-5.925	-5.531	-4.936	-4.097	-3.033	-1.808	-0.515	0.759	1.960

Table 7−90−14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	3.070	4.100	5.073	6.001	6.874	7.675	8.366	8.919	9.313	9.538
6511	65.10	9.590	9.469	9.179	8.732	8.148	7.454	6.684	5.858	4.989	4.083
6521	65.20	3.144	2.187	1.244	0.363	-0.410	-1.044	-1.540	-1.931	-2.277	-2.639
6531	65.30	-3.060	-3.548	-4.080	-4.610	-5.091	-5.491	-5.803	-6.040	-6.227	-6.391
6541	65.40	-6.554	-6.728	-6.917	-7.121	-7.329	-7.520	-7.661	-7.710	-7.626	-7.379
6551	65.50	-6.964	-6.404	-5.743	-5.036	-4.329	-3.652	-3.007	-2.379	-1.741	-1.070
6561	65.60	-0.349	0.429	1.257	2.122	3.006	3.885	4.729	5.510	6.202	6.787
6571	65.70	7.255	7.605	7.836	7.942	7.914	7.740	7.423	6.986	6.483	5.986
6581	65.80	5.573	5.297	5.173	5.166	5.208	5.219	5.141	4.957	4.696	4.418
6591	65.90	4.188	4.045	3.991	3.992	4.001	3.980	3.916	3.822	3.725	3.634
6601	66.00	3.532	3.364	3.060	2.563	1.857	0.987	0.047	-0.849	-1.605	-2.183
6611	66.10	-2.607	-2.954	-3.322	-3.783	-4.362	-5.027	-5.708	-6.330	-6.840	-7.225
6621	66.20	-7.508	-7.726	-7.906	-8.050	-8.135	-8.126	-7.999	-7.748	-7.391	-6.959
6631	66.30	-6.473	-5.939	-5.349	-4.690	-3.966	-3.204	-2.455	-1.773	-1.190	-0.702
6641	66.40	-0.268	0.169	0.653	1.191	1.744	2.241	2.617	2.836	2.920	2.935
6651	66.50	2.967	3.084	3.302	3.587	3.870	4.078	4.176	4.178	4.140	4.133
6661	66.60	4.210	4.380	4.607	4.822	4.957	4.965	4.838	4.601	4.300	3.977
6671	66.70	3.656	3.343	3.022	2.670	2.264	1.788	1.237	0.621	-0.037	-0.699
6681	66.80	-1.314	-1.830	-2.208	-2.426	-2.492	-2.436	-2.297	-2.109	-1.891	-1.644
6691	66.90	-1.363	-1.052	-0.727	-0.425	-0.183	-0.027	0.044	0.059	0.062	0.087
6701	67.00	0.144	0.208	0.232	0.174	0.015	-0.226	-0.497	-0.742	-0.923	-1.042
6711	67.10	-1.139	-1.269	-1.477	-1.773	-2.131	-2.499	-2.835	-3.125	-3.394	-3.692
6721	67.20	-4.064	-4.523	-5.033	-5.516	-5.883	-6.069	-6.054	-5.872	-5.588	-5.275
6731	67.30	-4.980	-4.718	-4.476	-4.237	-3.994	-3.766	-3.581	-3.461	-3.401	-3.360
6741	67.40	-3.272	-3.069	-2.704	-2.173	-1.513	-0.785	-0.055	0.631	1.251	1.805
6751	67.50	2.304	2.758	3.176	3.563	3.928	4.284	4.640	4.996	5.334	5.626
6761	67.60	5.840	5.964	6.013	6.038	6.097	6.241	6.481	6.780	7.067	7.263
6771	67.70	7.311	7.200	6.957	6.630	6.256	5.841	5.354	4.746	3.985	3.072
6781	67.80	2.054	1.005	-0.001	-0.920	-1.749	-2.514	-3.248	-3.962	-4.640	-5.239
6791	67.90	-5.714	-6.042	-6.229	-6.300	-6.278	-6.164	-5.928	-5.526	-4.928	-4.146
6801	68.00	-3.246	-2.330	-1.499	-0.814	-0.273	0.186	0.652	1.193	1.830	2.522
6811	68.10	3.189	3.748	4.147	4.382	4.484	4.496	4.445	4.325	4.108	3.765
6821	68.20	3.286	2.691	2.027	1.343	0.677	0.039	-0.575	-1.170	-1.734	-2.236
6831	68.30	-2.639	-2.921	-3.092	-3.201	-3.312	-3.482	-3.730	-4.028	-4.311	-4.506
6841	68.40	-4.564	-4.476	-4.274	-4.008	-3.720	-3.427	-3.115	-2.759	-2.341	-1.870
6851	68.50	-1.379	-0.915	-0.513	-0.179	0.111	0.403	0.742	1.150	1.623	2.134
6861	68.60	2.648	3.138	3.591	4.006	4.380	4.699	4.935	5.057	5.042	4.890
6871	68.70	4.631	4.315	3.990	3.685	3.398	3.094	2.725	2.249	1.652	0.959
6881	68.80	0.224	-0.488	-1.119	-1.643	-2.065	-2.417	-2.734	-3.039	-3.326	-3.563
6891	68.90	-3.706	-3.711	-3.560	-3.266	-2.866	-2.412	-1.949	-1.506	-1.090	-0.694
6901	69.00	-0.306	0.072	0.434	0.761	1.045	1.283	1.488	1.677	1.857	2.023
6911	69.10	2.152	2.217	2.201	2.109	1.969	1.819	1.687	1.580	1.473	1.329
6921	69.20	1.117	0.834	0.517	0.227	0.024	-0.061	-0.045	0.017	0.050	-0.001
6931	69.30	-0.147	-0.355	-0.558	-0.694	-0.732	-0.686	-0.604	-0.543	-0.539	-0.590
6941	69.40	-0.662	-0.707	-0.689	-0.606	-0.484	-0.370	-0.301	-0.296	-0.342	-0.411
6951	69.50	-0.471	-0.502	-0.499	-0.467	-0.407	-0.315	-0.182	-0.004	0.211	0.433
6961	69.60	0.627	0.759	0.817	0.810	0.762	0.693	0.599	0.451	0.202	-0.187
6971	69.70	-0.724	-1.369	-2.046	-2.661	-3.141	-3.454	-3.621	-3.698	-3.748	-3.817
6981	69.80	-3.914	-4.019	-4.093	-4.107	-4.047	-3.918	-3.731	-3.487	-3.176	-2.774
6991	69.90	-2.269	-1.667	-1.005	-0.338	0.283	0.830	1.315	1.785	2.291	2.864

Table 7-90-15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	3.486	4.091	4.577	4.847	4.841	4.560	4.060	3.433	2.766	2.118
7011	70.10	1.505	0.910	0.306	-0.319	-0.950	-1.546	-2.062	-2.462	-2.739	-2.907
7021	70.20	-2.987	-2.988	-2.894	-2.672	-2.285	-1.721	-1.010	-0.223	0.544	1.198
7031	70.30	1.673	1.945	2.028	1.953	1.755	1.458	1.082	0.652	0.203	-0.189
7041	70.40	-0.474	-0.597	-0.546	-0.346	-0.055	0.269	0.590	0.906	1.241	1.623
7051	70.50	2.054	2.496	2.879	3.131	3.213	3.140	2.983	2.840	2.796	2.886
7061	70.60	3.078	3.292	3.432	3.425	3.246	2.920	2.503	2.049	1.593	1.145
7071	70.70	0.699	0.254	-0.179	-0.574	-0.900	-1.141	-1.299	-1.393	-1.446	-1.470
7081	70.80	-1.462	-1.407	-1.295	-1.127	-0.924	-0.708	-0.495	-0.281	-0.041	0.245
7091	70.90	0.579	0.926	1.223	1.401	1.426	1.312	1.128	0.961	0.875	0.872
7101	71.00	0.885	0.806	0.532	0.024	-0.674	-1.445	-2.146	-2.671	-2.988	-3.143
7111	71.10	-3.229	-3.329	-3.468	-3.606	-3.658	-3.544	-3.239	-2.788	-2.292	-1.860
7121	71.20	-1.560	-1.389	-1.279	-1.139	-0.903	-0.565	-0.182	0.155	0.367	0.423
7131	71.30	0.357	0.245	0.168	0.169	0.237	0.317	0.335	0.242	0.031	-0.254
7141	71.40	-0.545	-0.776	-0.915	-0.964	-0.959	-0.944	-0.953	-0.998	-1.066	-1.132
7151	71.50	-1.170	-1.161	-1.100	-0.987	-0.832	-0.666	-0.465	-0.250	-0.084	0.035
7161	71.60	0.096	0.102	0.070	0.025	-0.005	0.004	0.065	0.188	0.372	0.614
7171	71.70	0.899	1.205	1.493	1.723	1.859	1.884	1.815	1.692	1.572	1.500
7181	71.80	1.492	1.521	1.529	1.449	1.240	0.906	0.498	0.105	-0.189	-0.329
7191	71.90	-0.308	-0.168	0.026	0.216	0.369	0.488	0.596	0.719	0.865	1.020
7201	72.00	1.157	1.252	1.298	1.308	1.301	1.286	1.249	1.155	0.964	0.655
7211	72.10	0.248	-0.198	-0.601	-0.892	-1.040	-1.070	-1.048	-1.051	-1.132	-1.296
7221	72.20	-1.496	-1.663	-1.732	-1.673	-1.500	-1.261	-1.012	-0.792	-0.616	-0.475
7231	72.30	-0.358	-0.260	-0.193	-0.170	-0.195	-0.245	-0.277	-0.239	-0.096	0.151
7241	72.40	0.465	0.788	1.063	1.258	1.369	1.416	1.411	1.353	1.213	0.959
7251	72.50	0.576	0.088	-0.435	-0.901	-1.229	-1.377	-1.365	-1.257	-1.132	-1.047
7261	72.60	-1.015	-0.998	-0.938	-0.785	-0.522	-0.179	0.199	0.532	0.819	1.062
7271	72.70	1.302	1.581	1.921	2.312	2.710	3.060	3.318	3.465	3.512	3.489
7281	72.80	3.432	3.365	3.294	3.212	3.101	2.942	2.722	2.433	2.071	1.638
7291	72.90	1.137	0.581	-0.014	-0.629	-1.242	-1.837	-2.402	-2.928	-3.405	-3.824
7301	73.00	-4.174	-4.445	-4.633	-4.744	-4.785	-4.764	-4.681	-4.525	-4.278	-3.920
7311	73.10	-3.445	-2.866	-2.216	-1.547	-0.918	-0.380	0.035	0.318	0.483	0.561
7321	73.20	0.595	0.620	0.659	0.715	0.773	0.802	0.775	0.680	0.529	0.359
7331	73.30	0.218	0.151	0.176	0.281	0.425	0.556	0.638	0.659	0.638	0.605
7341	73.40	0.583	0.572	0.540	0.442	0.246	-0.044	-0.381	-0.686	-0.880	-0.909
7351	73.50	-0.775	-0.524	-0.234	0.022	0.199	0.292	0.325	0.336	0.355	0.399
7361	73.60	0.472	0.579	0.730	0.942	1.227	1.572	1.939	2.267	2.494	2.583
7371	73.70	2.538	2.408	2.266	2.182	2.199	2.318	2.501	2.697	2.858	2.955
7381	73.80	2.977	2.922	2.786	2.556	2.217	1.763	1.213	0.609	0.008	-0.532
7391	73.90	-0.981	-1.340	-1.637	-1.920	-2.225	-2.569	-2.941	-3.311	-3.647	-3.925
7401	74.00	-4.140	-4.302	-4.423	-4.512	-4.571	-4.588	-4.557	-4.474	-4.348	-4.198
7411	74.10	-4.042	-3.895	-3.755	-3.608	-3.428	-3.191	-2.883	-2.503	-2.070	-1.616
7421	74.20	-1.176	-0.777	-0.429	-0.123	0.169	0.480	0.835	1.242	1.684	2.124
7431	74.30	2.516	2.820	3.014	3.102	3.110	3.073	3.027	2.997	2.991	3.005
7441	74.40	3.027	3.048	3.060	3.064	3.065	3.068	3.077	3.095	3.118	3.137
7451	74.50	3.138	3.105	3.019	2.864	2.639	2.353	2.031	1.705	1.404	1.146
7461	74.60	0.932	0.745	0.564	0.366	0.142	-0.105	-0.359	-0.598	-0.804	-0.964
7471	74.70	-1.077	-1.150	-1.195	-1.228	-1.267	-1.327	-1.419	-1.545	-1.697	-1.854
7481	74.80	-1.991	-2.088	-2.135	-2.141	-2.128	-2.125	-2.155	-2.226	-2.327	-2.436
7491	74.90	-2.533	-2.607	-2.663	-2.721	-2.802	-2.919	-3.071	-3.241	-3.401	-3.522

Table 7-90-16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-3.578	-3.551	-3.428	-3.200	-2.870	-2.450	-1.970	-1.475	-1.009	-0.604
7511	75.10	-0.260	0.054	0.392	0.803	1.308	1.875	2.434	2.892	3.183	3.290
7521	75.20	3.263	3.195	3.185	3.289	3.498	3.737	3.904	3.917	3.755	3.468
7531	75.30	3.159	2.930	2.842	2.882	2.974	3.020	2.938	2.708	2.370	2.005
7541	75.40	1.692	1.470	1.329	1.223	1.099	0.934	0.747	0.588	0.511	0.545
7551	75.50	0.672	0.843	0.995	1.088	1.122	1.129	1.159	1.241	1.372	1.513
7561	75.60	1.610	1.620	1.533	1.373	1.182	0.997	0.833	0.677	0.500	0.282
7571	75.70	0.018	-0.275	-0.573	-0.865	-1.164	-1.497	-1.894	-2.354	-2.840	-3.282
7581	75.80	-3.609	-3.781	-3.815	-3.788	-3.802	-3.940	-4.231	-4.627	-5.022	-5.298
7591	75.90	-5.364	-5.195	-4.832	-4.355	-3.846	-3.356	-2.892	-2.434	-1.961	-1.472
7601	76.00	-0.999	-0.590	-0.281	-0.077	0.056	0.180	0.351	0.596	0.899	1.212
7611	76.10	1.482	1.674	1.792	1.868	1.946	2.051	2.177	2.287	2.334	2.286
7621	76.20	2.147	1.952	1.752	1.592	1.484	1.407	1.315	1.167	0.944	0.662
7631	76.30	0.367	0.111	-0.062	-0.139	-0.132	-0.069	0.024	0.137	0.276	0.456
7641	76.40	0.687	0.964	1.260	1.531	1.733	1.827	1.796	1.643	1.390	1.067
7651	76.50	0.711	0.352	0.014	-0.291	-0.562	-0.810	-1.049	-1.293	-1.546	-1.798
7661	76.60	-2.030	-2.215	-2.338	-2.395	-2.406	-2.404	-2.426	-2.496	-2.618	-2.771
7671	76.70	-2.916	-3.010	-3.016	-2.916	-2.707	-2.404	-2.031	-1.623	-1.216	-0.853
7681	76.80	-0.571	-0.400	-0.349	-0.399	-0.505	-0.605	-0.639	-0.564	-0.376	-0.102
7691	76.90	0.207	0.497	0.734	0.912	1.052	1.193	1.367	1.592	1.866	2.174
7701	77.00	2.498	2.831	3.173	3.527	3.890	4.245	4.561	4.806	4.960	5.026
7711	77.10	5.026	4.994	4.951	4.896	4.797	4.607	4.287	3.830	3.271	2.683
7721	77.20	2.150	1.739	1.472	1.324	1.231	1.126	0.961	0.725	0.441	0.147
7731	77.30	-0.125	-0.371	-0.611	-0.875	-1.185	-1.540	-1.914	-2.274	-2.597	-2.886
7741	77.40	-3.166	-3.472	-3.822	-4.200	-4.558	-4.825	-4.960	-4.950	-4.836	-4.689
7751	77.50	-4.579	-4.537	-4.545	-4.537	-4.439	-4.202	-3.834	-3.400	-2.993	-2.696
7761	77.60	-2.542	-2.504	-2.508	-2.468	-2.331	-2.092	-1.793	-1.489	-1.221	-0.985
7771	77.70	-0.738	-0.422	0.002	0.530	1.110	1.671	2.150	2.529	2.841	3.150
7781	77.80	3.518	3.971	4.483	4.985	5.397	5.664	5.776	5.768	5.702	5.629
7791	77.90	5.568	5.498	5.374	5.153	4.816	4.376	3.875	3.357	2.856	2.379
7801	78.00	1.913	1.435	0.933	0.410	-0.119	-0.634	-1.122	-1.581	-2.017	-2.433
7811	78.10	-2.824	-3.175	-3.464	-3.675	-3.804	-3.863	-3.872	-3.846	-3.787	-3.683
7821	78.20	-3.514	-3.263	-2.928	-2.522	-2.074	-1.615	-1.175	-0.776	-0.437	-0.181
7831	78.30	-0.032	-0.013	-0.130	-0.364	-0.665	-0.959	-1.172	-1.253	-1.192	-1.028
7841	78.40	-0.829	-0.668	-0.595	-0.618	-0.706	-0.803	-0.858	-0.840	-0.749	-0.604
7851	78.50	-0.432	-0.245	-0.037	0.208	0.507	0.852	1.208	1.522	1.737	1.817
7861	78.60	1.766	1.625	1.463	1.343	1.304	1.342	1.416	1.465	1.432	1.292
7871	78.70	1.058	0.778	0.516	0.323	0.229	0.224	0.277	0.342	0.382	0.376
7881	78.80	0.320	0.222	0.093	-0.062	-0.242	-0.444	-0.652	-0.839	-0.968	-1.005
7891	78.90	-0.938	-0.786	-0.599	-0.447	-0.394	-0.478	-0.698	-1.009	-1.343	-1.624
7901	79.00	-1.797	-1.834	-1.740	-1.544	-1.283	-0.990	-0.690	-0.397	-0.117	0.150
7911	79.10	0.407	0.662	0.923	1.200	1.492	1.788	2.059	2.268	2.377	2.362
7921	79.20	2.219	1.972	1.658	1.319	0.986	0.673	0.376	0.085	-0.206	-0.491
7931	79.30	-0.752	-0.966	-1.111	-1.179	-1.177	-1.124	-1.041	-0.943	-0.839	-0.725
7941	79.40	-0.593	-0.436	-0.250	-0.040	0.180	0.389	0.561	0.673	0.707	0.662
7951	79.50	0.556	0.426	0.321	0.284	0.337	0.469	0.641	0.792	0.866	0.833
7961	79.60	0.696	0.490	0.260	0.042	-0.155	-0.348	-0.568	-0.835	-1.142	-1.451
7971	79.70	-1.709	-1.874	-1.935	-1.923	-1.896	-1.918	-2.021	-2.193	-2.378	-2.502
7981	79.80	-2.508	-2.380	-2.152	-1.892	-1.674	-1.545	-1.507	-1.521	-1.527	-1.469
7991	79.90	-1.314	-1.060	-0.730	-0.350	0.057	0.476	0.898	1.311	1.693	2.022

Table 7-90-17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	2.277	2.461	2.597	2.721	2.873	3.070	3.303	3.538	3.730	3.868
8011	80.10	3.883	3.857	3.807	3.771	3.763	3.771	3.760	3.692	3.541	3.306
8021	80.20	3.017	2.716	2.445	2.232	2.074	1.951	1.823	1.650	1.404	1.070
8031	80.30	0.654	0.178	-0.326	-0.823	-1.284	-1.691	-2.040	-2.343	-2.612	-2.859
8041	80.40	-3.075	-3.236	-3.304	-3.243	-3.036	-2.699	-2.285	-1.869	-1.527	-1.308
8051	80.50	-1.219	-1.222	-1.251	-1.234	-1.124	-0.914	-0.636	-0.352	-0.125	0.001
8061	80.60	0.014	-0.064	-0.188	-0.309	-0.382	-0.384	-0.313	-0.185	-0.030	0.118
8071	80.70	0.225	0.267	0.234	0.133	-0.013	-0.172	-0.314	-0.423	-0.502	-0.579
8081	80.80	-0.689	-0.862	-1.107	-1.405	-1.709	-1.964	-2.124	-2.168	-2.107	-1.976
8091	80.90	-1.817	-1.659	-1.509	-1.352	-1.165	-0.935	-0.672	-0.409	-0.190	-0.049
8101	81.00	0.009	0.013	0.022	0.097	0.281	0.575	0.939	1.304	1.598	1.774
8111	81.10	1.824	1.779	1.697	1.634	1.623	1.666	1.736	1.793	1.803	1.754
8121	81.20	1.658	1.545	1.446	1.378	1.334	1.285	1.193	1.022	0.759	0.412
8131	81.30	0.012	-0.606	-0.809	-1.188	-1.550	-1.916	-2.303	-2.713	-3.125	-3.497
8141	81.40	-3.785	-3.956	-4.002	-3.947	-3.833	-3.701	-3.576	-3.450	-3.293	-3.063
8151	81.50	-2.727	-2.284	-1.762	-1.213	-0.688	-0.218	0.199	0.591	1.000	1.450
8161	81.60	1.936	2.420	2.839	3.132	3.265	3.235	3.077	2.841	2.576	2.315
8171	81.70	2.069	1.839	1.624	1.433	1.285	1.199	1.181	1.213	1.258	1.269
8181	81.80	1.210	1.072	0.880	0.684	0.541	0.490	0.543	0.679	0.856	1.029
8191	81.90	1.170	1.270	1.341	1.398	1.446	1.476	1.463	1.382	1.219	0.983
8201	82.00	0.706	0.432	0.202	0.040	-0.059	-0.118	-0.173	-0.248	-0.350	-0.465
8211	82.10	-0.564	-0.619	-0.613	-0.549	-0.446	-0.327	-0.215	-0.117	-0.032	0.042
8221	82.20	0.102	0.131	0.101	-0.017	-0.234	-0.538	-0.888	-1.224	-1.489	-1.646
8231	82.30	-1.685	-1.631	-1.526	-1.413	-1.322	-1.263	-1.231	-1.214	-1.204	-1.200
8241	82.40	-1.206	-1.222	-1.238	-1.235	-1.194	-1.105	-0.974	-0.828	-0.696	-0.594
8251	82.50	-0.515	-0.421	-0.264	-0.001	0.378	0.841	1.324	1.751	2.063	2.236
8261	82.60	2.285	2.251	2.172	2.065	1.922	1.720	1.445	1.109	0.762	0.470
8271	82.70	0.298	0.273	0.375	0.546	0.713	0.822	0.856	0.836	0.802	0.783
8281	82.80	0.775	0.745	0.643	0.438	0.136	-0.213	-0.534	-0.766	-0.889	-0.933
8291	82.90	-0.967	-1.060	-1.246	-1.504	-1.768	-1.956	-2.013	-1.936	-1.774	-1.602
8301	83.00	-1.478	-1.419	-1.385	-1.308	-1.127	-0.823	-0.434	-0.037	0.286	0.485
8311	83.10	0.568	0.585	0.610	0.693	0.844	1.030	1.194	1.294	1.317	1.289
8321	83.20	1.255	1.249	1.278	1.314	1.316	1.252	1.118	0.940	0.760	0.607
8331	83.30	0.483	0.361	0.204	-0.010	-0.270	-0.534	-0.747	-0.872	-0.916	-0.922
8341	83.40	-0.955	-1.067	-1.268	-1.526	-1.779	-1.970	-2.079	-2.122	-2.140	-2.169
8351	83.50	-2.205	-2.206	-2.109	-1.868	-1.489	-1.035	-0.609	-0.305	-0.163	-0.146
8361	83.60	-0.155	-0.072	0.182	0.612	1.150	1.685	2.118	2.405	2.567	2.674
8371	83.70	2.792	2.953	3.130	3.259	3.272	3.144	2.903	2.619	2.368	2.190
8381	83.80	2.073	1.958	1.778	1.496	1.131	0.749	0.434	0.241	0.166	0.148
8391	83.90	0.096	-0.069	-0.376	-0.798	-1.265	-1.708	-2.088	-2.412	-2.720	-3.057
8401	84.00	-3.437	-3.833	-4.182	-4.419	-4.501	-4.429	-4.241	-3.990	-3.716	-3.430
8411	84.10	-3.115	-2.746	-2.314	-1.842	-1.373	-0.956	-0.618	-0.347	-0.102	0.169
8421	84.20	0.499	0.882	1.274	1.616	1.859	1.994	2.049	2.075	2.120	2.201
8431	84.30	2.296	2.364	2.363	2.285	2.156	2.031	1.958	1.956	1.998	2.023
8441	84.40	1.964	1.786	1.499	1.161	0.844	0.606	0.458	0.363	0.254	0.075
8451	84.50	-0.193	-0.514	-0.815	-1.016	-1.070	-0.978	-0.793	-0.588	-0.426	-0.337
8461	84.60	-0.305	-0.294	-0.267	-0.214	-0.154	-0.125	-0.158	-0.258	-0.391	-0.502
8471	84.70	-0.534	-0.456	-0.272	-0.022	0.239	0.465	0.635	0.749	0.826	0.883
8481	84.80	0.928	0.955	0.954	0.916	0.844	0.746	0.626	0.478	0.284	0.026
8491	84.90	-0.305	-0.692	-1.095	-1.461	-1.745	-1.928	-2.023	-2.064	-2.092	-2.126

Table 7-90-18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-2.158	-2.156	-2.086	-1.927	-1.691	-1.416	-1.148	-0.923	-0.749	-0.607
8511	85.10	-0.465	-0.301	-0.113	0.074	0.231	0.336	0.396	0.443	0.519	0.656
8521	85.20	0.857	1.092	1.316	1.488	1.593	1.650	1.695	1.759	1.848	1.934
8531	85.30	1.965	1.891	1.691	1.386	1.031	0.694	0.429	0.254	0.152	0.082
8541	85.40	0.008	-0.085	-0.187	-0.276	-0.331	-0.356	-0.381	-0.447	-0.587	-0.812
8551	85.50	-1.097	-1.397	-1.663	-1.862	-1.992	-2.070	-2.122	-2.162	-2.180	-2.151
8561	85.60	-2.044	-1.841	-1.568	-1.195	-0.821	-0.457	-0.113	0.220	0.562	0.926
8571	85.70	1.310	1.692	2.040	2.332	2.563	2.750	2.917	3.081	3.235	3.351
8581	85.80	3.386	3.308	3.116	2.842	2.545	2.284	2.093	1.965	1.855	1.707
8591	85.90	1.480	1.170	0.818	0.486	0.235	0.090	0.036	0.025	0.004	-0.056
8601	86.00	-0.145	-0.219	-0.227	-0.143	0.021	0.212	0.361	0.418	0.374	0.267
8611	86.10	0.156	0.090	0.079	0.080	0.021	-0.166	-0.506	-0.966	-1.463	-1.896
8621	86.20	-2.192	-2.330	-2.343	-2.294	-2.243	-2.218	-2.207	-2.175	-2.093	-1.965
8631	86.30	-1.825	-1.725	-1.703	-1.757	-1.844	-1.896	-1.855	-1.708	-1.490	-1.273
8641	86.40	-1.132	-1.105	-1.179	-1.295	-1.382	-1.388	-1.305	-1.163	-1.012	-0.888
8651	86.50	-0.792	-0.697	-0.564	-0.372	-0.138	0.088	0.243	0.289	0.226	0.100
8661	86.60	-0.023	-0.092	-0.093	-0.054	-0.026	-0.045	-0.110	-0.172	-0.154	0.008
8671	86.70	0.333	0.780	1.262	1.678	1.955	2.076	2.073	2.008	1.934	1.869
8681	86.80	1.795	1.672	1.468	1.188	0.871	0.579	0.368	0.258	0.227	0.220
8691	86.90	0.183	0.084	-0.070	-0.240	-0.378	-0.453	-0.465	-0.444	-0.431	-0.451
8701	87.00	-0.499	-0.542	-0.530	-0.427	-0.224	0.049	0.344	0.607	0.805	0.930
8711	87.10	0.998	1.036	1.064	1.090	1.114	1.130	1.141	1.159	1.190	1.235
8721	87.20	1.273	1.269	1.187	1.009	0.744	0.428	0.111	-0.168	-0.396	-0.593
8731	87.30	-0.799	-1.050	-1.354	-1.682	-1.977	-2.176	-2.238	-2.164	-1.996	-1.798
8741	87.40	-1.627	-1.513	-1.447	-1.396	-1.318	-1.189	-1.013	-0.817	-0.637	-0.501
8751	87.50	-0.415	-0.362	-0.313	-0.238	-0.117	0.059	0.285	0.545	0.817	1.068
8761	87.60	1.260	1.355	1.332	1.200	1.009	0.837	0.773	0.874	1.142	1.512
8771	87.70	1.869	2.094	2.108	1.910	1.582	1.252	1.044	1.025	1.174	1.393
8781	87.80	1.545	1.516	1.255	0.797	0.241	-0.288	-0.694	-0.934	-1.032	-1.048
8791	87.90	-1.055	-1.097	-1.186	-1.301	-1.411	-1.492	-1.543	-1.561	-1.625	-1.684
8801	88.00	-1.747	-1.786	-1.770	-1.678	-1.512	-1.299	-1.073	-0.872	-0.714	-0.597
8811	88.10	-0.506	-0.421	-0.332	-0.248	-0.192	-0.191	-0.261	-0.396	-0.562	-0.713
8821	88.20	-0.798	-0.789	-0.686	-0.517	-0.329	-0.165	-0.050	0.019	0.063	0.109
8831	88.30	0.176	0.262	0.353	0.430	0.486	0.534	0.605	0.732	0.936	1.203
8841	88.40	1.506	1.797	2.036	2.207	2.317	2.389	2.443	2.484	2.496	2.454
8851	88.50	2.361	2.164	1.957	1.765	1.629	1.564	1.551	1.553	1.528	1.458
8861	88.60	1.350	1.236	1.152	1.114	1.113	1.118	1.091	1.013	0.889	0.744
8871	88.70	0.610	0.501	0.405	0.290	0.118	-0.132	-0.452	-0.816	-1.186	-1.542
8881	88.80	-1.881	-2.220	-2.572	-2.933	-3.268	-3.524	-3.649	-3.617	-3.442	-3.174
8891	88.90	-2.876	-2.597	-2.357	-2.148	-1.948	-1.745	-1.552	-1.404	-1.341	-1.385
8901	89.00	-1.521	-1.705	-1.876	-1.990	-2.035	-2.036	-2.034	-2.066	-2.137	-2.221
8911	89.10	-2.272	-2.249	-2.137	-1.955	-1.741	-1.531	-1.338	-1.147	-0.923	-0.633
8921	89.20	-0.270	0.143	0.557	0.924	1.211	1.419	1.568	1.692	1.813	1.938
8931	89.30	2.063	2.186	2.317	2.479	2.700	2.990	3.331	3.673	3.952	4.114
8941	89.40	4.137	4.043	3.884	3.716	3.577	3.468	3.358	3.205	2.981	2.687
8951	89.50	2.357	2.039	1.774	1.580	1.446	1.364	1.245	1.135	1.016	0.899
8961	89.60	0.790	0.678	0.540	0.350	0.097	-0.203	-0.513	-0.786	-0.987	-1.109
8971	89.70	-1.176	-1.224	-1.287	-1.378	-1.481	-1.565	-1.604	-1.587	-1.534	-1.480
8981	89.80	-1.458	-1.483	-1.543	-1.607	-1.642	-1.635	-1.595	-1.549	-1.527	-1.538
8991	89.90	-1.567	-1.579	-1.543	-1.445	-1.307	-1.171	-1.083	-1.063	-1.096	-1.131

Table 7-90-19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	-1.109	-0.993	-0.786	-0.535	-0.308	-0.163	-0.120	-0.150	-0.194	-0.189
9011	90.10	-0.105	0.044	0.205	0.317	0.336	0.262	0.133	0.005	-0.076	-0.098
9021	90.20	-0.080	-0.060	-0.066	-0.098	-0.127	-0.113	-0.029	0.116	0.274	0.385
9031	90.30	0.397	0.300	0.127	-0.057	-0.192	-0.247	-0.234	-0.205	-0.205	-0.270
9041	90.40	-0.388	-0.514	-0.594	-0.595	-0.521	-0.412	-0.316	-0.268	-0.266	-0.275
9051	90.50	-0.251	-0.167	-0.035	0.096	0.160	0.110	-0.057	-0.295	-0.527	-0.677
9061	90.60	-0.703	-0.609	-0.434	-0.233	-0.049	0.106	0.242	0.379	0.525	0.666
9071	90.70	0.773	0.822	0.802	0.731	0.638	0.548	0.464	0.365	0.218	0.003
9081	90.80	-0.270	-0.553	-0.780	-0.896	-0.886	-0.785	-0.664	-0.600	-0.638	-0.770
9091	90.90	-0.945	-1.091	-1.155	-1.123	-1.027	-0.921	-0.846	-0.815	-0.799	-0.753
9101	91.00	-0.641	-0.460	-0.240	-0.029	0.137	0.257	0.368	0.525	0.766	1.090
9111	91.10	1.451	1.773	1.993	2.086	2.085	2.059	2.079	2.188	2.374	2.585
9121	91.20	2.754	2.837	2.831	2.773	2.715	2.685	2.672	2.625	2.482	2.204
9131	91.30	1.804	1.345	0.916	0.593	0.406	0.325	0.281	0.200	0.036	-0.204
9141	91.40	-0.472	-0.704	-0.854	-0.917	-0.927	-0.936	-0.986	-1.086	-1.205	-1.291
9151	91.50	-1.291	-1.182	-0.976	-0.718	-0.461	-0.250	-0.101	-0.001	0.081	0.176
9161	91.60	0.305	0.465	0.636	0.788	0.869	0.920	0.872	0.757	0.594	0.412
9171	91.70	0.235	0.078	-0.057	-0.181	-0.315	-0.480	-0.685	-0.926	-1.185	-1.439
9181	91.80	-1.667	-1.862	-2.028	-2.179	-2.331	-2.487	-2.643	-2.780	-2.878	-2.920
9191	91.90	-2.900	-2.818	-2.685	-2.512	-2.314	-2.107	-1.905	-1.723	-1.563	-1.415
9201	92.00	-1.253	-1.039	-0.736	-0.328	0.173	0.725	1.265	1.736	2.099	2.350
9211	92.10	2.517	2.639	2.751	2.865	2.971	3.046	3.069	3.053	2.949	2.840
9221	92.20	2.722	2.602	2.469	2.307	2.106	1.870	1.614	1.360	1.118	0.881
9231	92.30	0.627	0.328	-0.028	-0.435	-0.864	-1.275	-1.639	-1.944	-2.199	-2.423
9241	92.40	-2.629	-2.817	-2.969	-3.061	-3.080	-3.028	-2.929	-2.812	-2.693	-2.570
9251	92.50	-2.418	-2.204	-1.908	-1.536	-1.118	-0.699	-0.321	-0.006	0.250	0.467
9261	92.60	0.666	0.857	1.038	1.197	1.331	1.447	1.570	1.721	1.904	2.100
9271	92.70	2.263	2.342	2.304	2.149	1.911	1.644	1.392	1.171	0.963	0.727
9281	92.80	0.426	0.053	-0.360	-0.751	-1.051	-1.219	-1.255	-1.205	-1.138	-1.115
9291	92.90	-1.167	-1.281	-1.410	-1.496	-1.495	-1.390	-1.199	-0.959	-0.709	-0.477
9301	93.00	-0.272	-0.085	0.099	0.296	0.509	0.735	0.960	1.170	1.350	1.489
9311	93.10	1.580	1.625	1.629	1.603	1.558	1.503	1.437	1.352	1.233	1.069
9321	93.20	0.854	0.597	0.321	0.054	-0.180	-0.371	-0.526	-0.669	-0.827	-1.022
9331	93.30	-1.256	-1.511	-1.753	-1.944	-2.052	-2.065	-1.989	-1.848	-1.675	-1.501
9341	93.40	-1.350	-1.233	-1.149	-1.089	-1.035	-0.974	-0.890	-0.777	-0.633	-0.465
9351	93.50	-0.284	-0.105	0.066	0.227	0.390	0.574	0.796	1.064	1.364	1.663
9361	93.60	1.914	2.075	2.122	2.066	1.951	1.842	1.797	1.848	1.982	2.146
9371	93.70	2.267	2.282	2.161	1.917	1.602	1.274	0.975	0.714	0.466	0.191
9381	93.80	-0.135	-0.505	-0.875	-1.185	-1.385	-1.462	-1.444	-1.387	-1.347	-1.349
9391	93.90	-1.375	-1.372	-1.283	-1.080	-0.787	-0.471	-0.222	-0.106	-0.140	-0.282
9401	94.00	-0.447	-0.549	-0.535	-0.411	-0.229	-0.065	0.014	-0.016	-0.138	-0.306
9411	94.10	-0.469	-0.602	-0.704	-0.799	-0.912	-1.048	-1.191	-1.307	-1.361	-1.335
9421	94.20	-1.237	-1.097	-0.946	-0.812	-0.698	-0.595	-0.482	-0.344	-0.178	0.008
9431	94.30	0.201	0.389	0.573	0.756	0.946	1.145	1.347	1.541	1.712	1.852
9441	94.40	1.957	2.025	2.058	2.053	2.008	1.923	1.808	1.679	1.552	1.439
9451	94.50	1.334	1.218	1.061	0.845	0.571	0.269	-0.011	-0.214	-0.305	-0.282
9461	94.60	-0.179	-0.051	0.069	0.091	0.079	0.046	0.034	0.070	0.153	0.256
9471	94.70	0.339	0.370	0.363	0.278	0.214	0.183	0.193	0.223	0.230	0.168
9481	94.80	0.014	-0.224	-0.507	-0.781	-1.004	-1.158	-1.253	-1.323	-1.399	-1.501
9491	94.90	-1.624	-1.750	-1.859	-1.938	-1.989	-2.022	-2.045	-2.053	-2.029	-1.951

Table 7-90-20

TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	-1.809	-1.614	-1.401	-1.211	-1.076	-0.999	-0.954	-0.896	-0.782	-0.596
9511	95.10	-0.354	-0.102	0.114	0.266	0.362	0.436	0.532	0.676	0.860	1.066
9521	95.20	1.189	1.260	1.269	1.260	1.289	1.395	1.572	1.770	1.921	1.969
9531	95.30	1.907	1.780	1.667	1.641	1.729	1.695	2.054	2.113	2.014	1.765
9541	95.40	1.433	1.114	0.885	0.766	0.720	0.668	0.540	0.307	-0.004	-0.328
9551	95.50	-0.596	-0.776	-0.883	-0.972	-1.100	-1.293	-1.532	-1.763	-1.932	-2.016
9561	95.60	-2.043	-2.078	-2.187	-2.396	-2.673	-2.932	-3.074	-3.036	-2.812	-2.480
9571	95.70	-2.144	-1.898	-1.784	-1.772	-1.786	-1.741	-1.588	-1.339	-1.053	-0.806
9581	95.80	-0.648	-0.579	-0.551	-0.493	-0.350	-0.113	0.186	0.484	0.728	0.898
9591	95.90	1.014	1.122	1.263	1.453	1.669	1.861	1.983	2.010	1.955	1.855
9601	96.00	1.753	1.673	1.612	1.541	1.433	1.274	1.082	0.900	0.772	0.725
9611	96.10	0.753	0.817	0.870	0.872	0.816	0.726	0.646	0.619	0.663	0.766
9621	96.20	0.890	0.990	1.033	1.007	0.925	0.811	0.686	0.564	0.446	0.328
9631	96.30	0.211	0.106	0.028	-0.006	0.065	0.049	0.100	0.131	0.124	0.078
9641	96.40	0.006	-0.070	-0.154	-0.182	-0.224	-0.273	-0.339	-0.418	-0.494	-0.549
9651	96.50	-0.569	-0.557	-0.529	-0.504	-0.493	-0.492	-0.477	-0.420	-0.304	-0.137
9661	96.60	0.046	0.197	0.275	0.264	0.188	0.097	0.049	0.082	0.193	0.340
9671	96.70	0.455	0.482	0.394	0.216	0.007	-0.160	-0.230	-0.193	-0.081	0.039
9681	96.80	0.101	0.061	-0.085	-0.306	-0.549	-0.765	-0.922	-1.016	-1.059	-1.074
9691	96.90	-1.078	-1.080	-1.079	-1.071	-1.048	-1.007	-0.941	-0.840	-0.696	-0.499
9701	97.00	-0.251	0.037	0.342	0.637	0.897	1.105	1.253	1.339	1.357	1.303
9711	97.10	1.175	0.985	0.761	0.547	0.392	0.331	0.367	0.466	0.568	0.613
9721	97.20	0.562	0.419	0.229	0.056	-0.045	-0.053	0.011	0.098	0.157	0.156
9731	97.30	0.103	0.029	-0.028	-0.049	-0.049	-0.067	-0.147	-0.311	-0.542	-0.795
9741	97.40	-1.013	-1.156	-1.222	-1.243	-1.266	-1.325	-1.422	-1.525	-1.585	-1.563
9751	97.50	-1.454	-1.286	-1.105	-0.959	-0.833	-0.731	-0.608	-0.436	-0.223	-0.011
9761	97.60	0.138	0.175	0.090	-0.081	-0.267	-0.403	-0.456	-0.441	-0.414	-0.436
9771	97.70	-0.543	-0.723	-0.925	-1.085	-1.159	-1.145	-1.085	-1.037	-1.043	-1.102
9781	97.80	-1.171	-1.179	-1.071	-0.827	-0.479	-0.093	0.260	0.531	0.710	0.821
9791	97.90	0.896	0.963	1.025	1.069	1.085	1.073	1.057	1.067	1.126	1.229
9801	98.00	1.344	1.422	1.425	1.345	1.214	1.089	1.027	1.060	1.179	1.343
9811	98.10	1.499	1.606	1.658	1.674	1.690	1.733	1.804	1.886	1.948	1.970
9821	98.20	1.954	1.922	1.901	1.905	1.920	1.912	1.837	1.667	1.404	1.086
9831	98.30	0.769	0.505	0.324	0.220	0.166	0.126	0.074	0.010	-0.051	-0.088
9841	98.40	-0.086	-0.049	0.004	0.050	0.073	0.070	0.049	0.019	-0.019	-0.074
9851	98.50	-0.165	-0.305	-0.493	-0.711	-0.928	-1.113	-1.253	-1.358	-1.460	-1.594
9861	98.60	-1.786	-2.034	-2.311	-2.574	-2.780	-2.905	-2.952	-2.946	-2.920	-2.900
9871	98.70	-2.892	-2.881	-2.840	-2.748	-2.598	-2.406	-2.201	-2.012	-1.851	-1.704
9881	98.80	-1.538	-1.313	-1.003	-0.611	-0.175	0.247	0.596	0.838	0.976	1.052
9891	98.90	1.123	1.240	1.423	1.651	1.874	2.033	2.087	2.033	1.904	1.752
9901	99.00	1.627	1.551	1.514	1.481	1.413	1.285	1.099	0.881	0.659	0.454
9911	99.10	0.267	0.086	-0.102	-0.295	-0.471	-0.595	-0.640	-0.600	-0.504	-0.401
9921	99.20	-0.340	-0.346	-0.408	-0.484	-0.521	-0.487	-0.387	-0.259	-0.155	-0.113
9931	99.30	-0.137	-0.190	-0.219	-0.178	-0.059	0.107	0.261	0.351	0.353	0.287
9941	99.40	0.199	0.140	0.133	0.164	0.192	0.173	0.096	-0.012	-0.089	-0.069
9951	99.50	0.083	0.352	0.676	0.970	1.163	1.225	1.177	1.072	0.965	0.892
9961	99.60	0.852	0.820	0.765	0.667	0.531	0.375	0.221	0.082	-0.042	-0.155
9971	99.70	-0.252	-0.314	-0.311	-0.222	-0.048	0.172	0.379	0.511	0.537	0.465
9981	99.80	0.344	0.239	0.197	0.225	0.287	0.324	0.282	0.144	-0.063	-0.287
9991	99.90	-0.475	-0.600	-0.677	-0.740	-0.828	-0.946	-1.062	-1.119	-1.060	-0.866

Table 7−90−21

TABLE OF CORRECTED ACCELERATION RECORD NO.21

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10001	100.00	-0.568	-0.243	0.023	0.163	0.164	0.064	-0.064	-0.149	-0.154	-0.085
10011	100.10	0.015	0.094	0.114	0.073	-0.002	-0.068	-0.090	-0.056	0.025	0.123
10021	100.20	0.211	0.266	0.282	0.257	0.194	0.097	-0.028	-0.166	-0.291	-0.372
10031	100.30	-0.386	-0.328	-0.225	-0.124	-0.081	-0.133	-0.281	-0.488	-0.693	-0.834
10041	100.40	-0.881	-0.847	-0.781	-0.749	-0.798	-0.932	-1.112	-1.269	-1.338	-1.284
10051	100.50	-1.123	-0.908	-0.707	-0.567	-0.498	-0.471	-0.434	-0.347	-0.206	-0.047
10061	100.60	0.072	0.099	0.021	-0.123	-0.258	-0.301	-0.202	0.032	0.335	0.611
10071	100.70	0.775	0.784	0.660	0.469	0.296	0.207	0.222	0.316	0.440	0.547
10081	100.80	0.618	0.663	0.714	0.801	0.934	1.098	1.259	1.387	1.464	1.496
10091	100.90	1.502	1.499	1.493	1.474	1.428	1.344	1.231	1.110	1.005	0.933
10101	101.00	0.887	0.849	0.790	0.699	0.578	0.449	0.331	0.228	0.121	-0.025
10111	101.10	-0.237	-0.511	-0.805	-1.068	-1.168	-1.129	-0.949	-0.704	-0.490	-0.388
10121	101.20	-0.425	-0.564	-0.722	-0.811	-0.780	-0.632	-0.426	-0.239	-0.129	-0.105
10131	101.30	-0.127	-0.128	-0.052	0.112	0.331	0.537	0.662	0.673	0.587	0.457
10141	101.40	0.351	0.315	0.358	0.445	0.526	0.552	0.504	0.391	0.248	0.107
10151	101.50	-0.012	-0.110	-0.202	-0.304	-0.420	-0.537	-0.637	-0.701	-0.730	-0.742
10161	101.60	-0.763	-0.818	-0.913	-1.032	-1.141	-1.199	-1.180	-1.083	-0.931	-0.768
10171	101.70	-0.636	-0.568	-0.572	-0.633	-0.720	-0.794	-0.827	-0.805	-0.731	-0.625
10181	101.80	-0.517	-0.435	-0.404	-0.435	-0.525	-0.659	-0.810	-0.947	-1.046	-1.088
10191	101.90	-1.070	-1.005	-0.913	-0.817	-0.735	-0.671	-0.617	-0.553	-0.457	-0.316
10201	102.00	-0.130	0.039	0.312	0.512	0.666	0.764	0.811	0.826	0.828	0.838
10211	102.10	0.865	0.912	0.971	1.033	1.089	1.137	1.178	1.217	1.261	1.313
10221	102.20	1.371	1.424	1.462	1.471	1.449	1.403	1.352	1.322	1.338	1.405
10231	102.30	1.511	1.620	1.687	1.674	1.567	1.383	1.165	0.961	0.805	0.698
10241	102.40	0.606	0.477	0.265	-0.040	-0.406	-0.765	-1.039	-1.179	-1.180	-1.091
10251	102.50	-0.988	-0.940	-0.982	-1.094	-1.219	-1.286	-1.252	-1.117	-0.925	-0.746
10261	102.60	-0.634	-0.609	-0.645	-0.687	-0.678	-0.589	-0.429	-0.239	-0.069	0.048
10271	102.70	0.109	0.140	0.178	0.251	0.360	0.482	0.581	0.630	0.623	0.578
10281	102.80	0.524	0.491	0.486	0.499	0.506	0.486	0.430	0.345	0.250	0.161
10291	102.90	0.083	0.005	-0.092	-0.223	-0.393	-0.588	-0.782	-0.946	-1.059	-1.113
10301	103.00	-1.107	-1.049	-0.948	-0.812	-0.656	-0.503	-0.382	-0.322	-0.341	-0.432
10311	103.10	-0.562	-0.679	-0.730	-0.682	-0.536	-0.326	-0.109	0.055	0.128	0.102
10321	103.20	-0.003	-0.155	-0.323	-0.491	-0.656	-0.822	-0.984	-1.125	-1.217	-1.233
10331	103.30	-1.163	-1.023	-0.849	-0.683	-0.556	-0.472	-0.406	-0.319	-0.177	0.028
10341	103.40	0.274	0.515	0.702	0.807	0.835	0.820	0.808	0.835	0.910	1.013
10351	103.50	1.107	1.163	1.174	1.160	1.160	1.209	1.317	1.461	1.595	1.669
10361	103.60	1.655	1.560	1.426	1.310	1.260	1.292	1.387	1.501	1.582	1.597
10371	103.70	1.536	1.415	1.258	1.085	0.901	0.701	0.482	0.252	0.033	-0.147
10381	103.80	-0.266	-0.327	-0.361	-0.414	-0.532	-0.736	-1.012	-1.313	-1.581	-1.772
10391	103.90	-1.875	-1.915	-1.942	-2.001	-2.114	-2.263	-2.402	-2.475	-2.442	-2.299
10401	104.00	-2.077	-1.829	-1.606	-1.438	-1.323	-1.235	-1.138	-1.006	-0.835	-0.644
10411	104.10	-0.459	-0.306	-0.192	-0.106	-0.025	0.077	0.212	0.377	0.551	0.708
10421	104.20	0.826	0.894	0.914	0.902	0.879	0.861	0.859	0.875	0.904	0.936
10431	104.30	0.959	0.965	0.951	0.920	0.880	0.842	0.814	0.799	0.791	0.773
10441	104.40	0.725	0.631	0.689	0.317	0.146	0.018	-0.037	-0.006	0.094	0.222
10451	104.50	0.330	0.376	0.366	0.257	0.153	0.084	0.090	0.184	0.349	0.543
10461	104.60	0.720	0.849	0.917	0.938	0.938	0.942	0.965	1.006	1.053	1.092
10471	104.70	1.113	1.113	1.092	1.045	0.963	0.829	0.632	0.371	0.068	-0.238
10481	104.80	-0.501	-0.683	-0.767	-0.768	-0.722	-0.678	-0.682	-0.761	-0.916	-1.131
10491	104.90	-1.375	-1.612	-1.811	-1.945	-1.997	-1.961	-1.842	-1.663	-1.456	-1.257

Table 7−90−22

TABLE OF CORRECTED ACCELERATION RECORD NO.22

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
10501	105.00	-1.098	-0.989	-0.920	-0.859	-0.772	-0.632	-0.441	-0.224	-0.027	0.107
10511	105.10	0.155	0.124	0.048	-0.022	-0.044	0.002	0.107	0.240	0.364	0.450
10521	105.20	0.487	0.482	0.452	0.412	0.370	0.327	0.284	0.246	0.228	0.249
10531	105.30	0.325	0.460	0.638	0.832	1.005	1.128	1.186	1.182	1.133	1.060
10541	105.40	0.984	0.914	0.853	0.800	0.751	0.701	0.647	0.582	0.499	0.392
10551	105.50	0.262	0.118	-0.020	-0.128	-0.187	-0.192	-0.156	-0.108	-0.081	-0.105
10561	105.60	-0.188	-0.324	-0.485	-0.642	-0.769	-0.852	-0.889	-0.889	-0.859	-0.805
10571	105.70	-0.735	-0.658	-0.592	-0.562	-0.590	-0.689	-0.851	-1.046	-1.232	-1.365
10581	105.80	-1.425	-1.418	-1.375	-1.338	-1.341	-1.393	-1.478	-1.563	-1.616	-1.622
10591	105.90	-1.590	-1.538	-1.483	-1.424	-1.338	-1.192	-0.967	-0.672	-0.350	-0.066
10601	106.00	0.126	0.208	0.212	0.209	0.274	0.447	0.712	0.999	1.212	1.281
10611	106.10	1.192	1.000	0.808	0.714	0.771	0.963	1.211	1.415	1.503	1.462
10621	106.20	1.340	1.218	1.166	1.210	1.322	1.443	1.516	1.529	1.512	1.530
10631	106.30	1.638	1.850	2.128	2.395	2.574	2.623	2.553	2.421	2.290	2.199
10641	106.40	2.137	2.053	1.885	1.600	1.218	0.806	0.455	0.230	0.148	0.166
10651	106.50	0.202	0.171	0.026	-0.234	-0.567	-0.913	-1.227	-1.488	-1.703	-1.886
10661	106.60	-2.042	-2.158	-2.208	-2.174	-2.062	-1.906	-1.765	-1.692	-1.714	-1.820
10671	106.70	-1.961	-2.074	-2.107	-2.041	-1.897	-1.723	-1.574	-1.489	-1.477	-1.516
10681	106.80	-1.559	-1.559	-1.477	-1.301	-1.044	-0.741	-0.440	-0.186	-0.015	0.065
10691	106.90	0.066	0.025	-0.012	-0.003	0.078	0.231	0.435	0.655	0.857	1.015
10701	107.00	1.122	1.178	1.192	1.166	1.100	0.993	0.847	0.677	0.510	0.373
10711	107.10	0.289	0.260	0.272	0.300	0.316	0.308	0.279	0.249	0.243	0.276
10721	107.20	0.345	0.430	0.502	0.536	0.518	0.457	0.374	0.300	0.259	0.244
10731	107.30	0.318	0.411	0.529	0.660	0.795	0.925	1.045	1.146	1.220	1.257
10741	107.40	1.251	1.201	1.112	0.996	0.870	0.752	0.656	0.589	0.548	0.519
10751	107.50	0.479	0.406	0.286	0.117	-0.087	-0.303	-0.503	-0.666	-0.781	-0.856
10761	107.60	-0.904	-0.944	-0.988	-1.041	-1.096	-1.142	-1.165	-1.158	-1.117	-1.048
10771	107.70	-0.962	-0.872	-0.792	-0.733	-0.700	-0.691	-0.695	-0.693	-0.670	-0.612
10781	107.80	-0.520	-0.404	-0.280	-0.164	-0.060	0.038	0.143	0.267	0.408	0.551
10791	107.90	0.665	0.725	0.718	0.651	0.555	0.467	0.415	0.407	0.425	0.443
10801	108.00	0.436	0.395	0.334	0.275	0.236	0.216	0.192	0.131	0.006	-0.182
10811	108.10	-0.600	-0.596	-0.717	-0.739	-0.674	-0.566	-0.470	-0.427	-0.444	-0.500
10821	108.20	-0.558	-0.590	-0.589	-0.573	-0.567	-0.582	-0.601	-0.588	-0.500	-0.322
10831	108.30	-0.077	0.176	0.366	0.446	0.414	0.319	0.239	0.240	0.346	0.524
10841	108.40	0.698	0.788	0.744	0.568	0.313	0.050	-0.159	-0.290	-0.356	-0.393
10851	108.50	-0.430	-0.677	-0.522	-0.550	-0.565	-0.595	-0.687	-0.880	-1.173	-1.519
10861	108.60	-1.830	-2.012	-2.006	-1.814	-1.499	-1.155	-0.865	-0.669	-0.553	-0.461
10871	108.70	-0.338	-0.158	0.066	0.286	0.456	0.556	0.607	0.660	0.764	0.937
10881	108.80	1.157	1.365	1.501	1.530	1.462	1.342	1.227	1.149	1.102	1.041
10891	108.90	0.913	0.687	0.374	0.033	-0.260	-0.439	-0.482	-0.414	-0.294	-0.183
10901	109.00	-0.121	-0.107	-0.112	-0.098	-0.042	0.052	0.157	0.239	0.277	0.276
10911	109.10	0.260	0.261	0.298	0.371	0.457	0.530	0.572	0.582	0.578	0.585
10921	109.20	0.619	0.679	0.748	0.805	0.837	0.844	0.845	0.862	0.913	0.997
10931	109.30	1.097	1.188	1.253	1.287	1.303	1.321	1.355	1.404	1.444	1.435
10941	109.40	1.344	1.153	0.873	0.543	0.219	-0.050	-0.232	-0.329	-0.368	-0.396
10951	109.50	-0.456	-0.576	-0.759	-0.982	-1.208	-1.399	-1.525	-1.574	-1.553	-1.484
10961	109.60	-1.393	-1.303	-1.230	-1.177	-1.136	-1.094	-1.034	-0.947	-0.829	-0.687
10971	109.70	-0.538	-0.402	-0.298	-0.237	-0.222	-0.243	-0.281	-0.315	-0.327	-0.308
10981	109.80	-0.258	-0.189	-0.115	-0.054	-0.020	-0.022	-0.062	-0.136	-0.236	-0.346
10991	109.90	-0.448	-0.524	-0.559	-0.549	-0.499	-0.426	-0.347	-0.277	-0.218	-0.157

Table 7-90-23 TABLE OF CORRECTED ACCELERATION RECORD NO.23

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11001	110.00	-0.076	0.042	0.197	0.370	0.520	0.604	0.591	0.477	0.294	0.094
11011	110.10	-0.063	-0.141	-0.132	-0.066	0.009	0.050	0.039	-0.010	-0.057	-0.059
11021	110.20	0.006	0.125	0.253	0.333	0.323	0.218	0.058	-0.085	-0.141	-0.069
11031	110.30	0.123	0.380	0.618	0.763	0.779	0.675	0.505	0.337	0.221	0.175
11041	110.40	0.174	0.173	0.129	0.023	-0.131	-0.297	-0.431	-0.509	-0.531	-0.521
11051	110.50	-0.506	-0.499	-0.493	-0.457	-0.364	-0.202	0.010	0.228	0.404	0.506
11061	110.60	0.540	0.547	0.583	0.693	0.882	1.115	1.324	1.441	1.426	1.286
11071	110.70	1.066	0.828	0.622	0.463	0.334	0.200	0.035	-0.160	-0.355	-0.510
11081	110.80	-0.593	-0.606	-0.584	-0.577	-0.624	-0.732	-0.873	-0.996	-1.059	-1.052
11091	110.90	-1.002	-0.963	-0.981	-1.067	-1.187	-1.274	-1.261	-1.112	-0.845	-0.526
11101	111.00	-0.239	-0.054	0.006	-0.038	-0.134	-0.227	-0.287	-0.313	-0.327	-0.344
11111	111.10	-0.364	-0.368	-0.332	-0.245	-0.130	-0.029	0.013	-0.025	-0.118	-0.206
11121	111.20	-0.214	-0.097	0.140	0.437	0.703	0.858	0.869	0.764	0.613	0.496
11131	111.30	0.464	0.519	0.618	0.707	0.749	0.742	0.718	0.713	0.742	0.788
11141	111.40	0.804	0.748	0.612	0.434	0.286	0.243	0.339	0.548	0.791	0.967
11151	111.50	1.004	0.889	0.671	0.437	0.267	0.194	0.197	0.218	0.196	0.105
11161	111.60	-0.036	-0.174	-0.256	-0.263	-0.219	-0.179	-0.196	-0.287	-0.421	-0.536
11171	111.70	-0.571	-0.504	-0.372	-0.254	-0.232	-0.349	-0.585	-0.858	-1.063	-1.122
11181	111.80	-1.016	-0.798	-0.562	-0.402	-0.367	-0.446	-0.574	-0.673	-0.683	-0.594
11191	111.90	-0.437	-0.265	-0.124	-0.030	0.029	0.082	0.151	0.236	0.316	0.367
11201	112.00	0.372	0.338	0.286	0.241	0.211	0.180	0.116	-0.009	-0.201	-0.433
11211	112.10	-0.654	-0.809	-0.866	-0.834	-0.755	-0.685	-0.666	-0.704	-0.771	-0.815
11221	112.20	-0.796	-0.703	-0.559	-0.412	-0.306	-0.253	-0.226	-0.171	-0.031	0.222
11231	112.30	0.569	0.948	1.279	1.497	1.580	1.550	1.465	1.386	1.353	1.368
11241	112.40	1.404	1.421	1.389	1.308	1.199	1.091	1.004	0.932	0.849	0.721
11251	112.50	0.532	0.290	0.036	-0.178	-0.310	-0.349	-0.320	-0.276	-0.268	-0.329
11261	112.60	-0.454	-0.606	-0.736	-0.801	-0.786	-0.704	-0.592	-0.493	-0.436	-0.436
11271	112.70	-0.488	-0.561	-0.700	-0.832	-0.963	-1.073	-1.138	-1.135	-1.050	-0.894
11281	112.80	-0.695	-0.498	-0.338	-0.232	-0.168	-0.111	-0.024	0.111	0.280	0.443
11291	112.90	0.552	0.576	0.522	0.434	0.382	0.424	0.585	0.841	1.129	1.376
11301	113.00	1.522	1.549	1.478	1.354	1.225	1.108	1.004	0.889	0.742	0.555
11311	113.10	0.366	0.146	-0.016	-0.126	-0.188	-0.223	-0.255	-0.294	-0.342	-0.390
11321	113.20	-0.436	-0.487	-0.558	-0.662	-0.793	-0.921	-1.000	-0.988	-0.867	-0.661
11331	113.30	-0.429	-0.243	-0.155	-0.177	-0.268	-0.359	-0.384	-0.313	-0.164	0.004
11341	113.40	0.128	0.168	0.135	0.083	0.079	0.170	0.356	0.586	0.785	0.888
11351	113.50	0.872	0.766	0.633	0.531	0.487	0.480	0.455	0.362	0.182	-0.052
11361	113.60	-0.272	-0.411	-0.438	-0.382	-0.519	-0.335	-0.485	-0.754	-1.066	-1.317
11371	113.70	-1.421	-1.357	-1.176	-0.978	-0.864	-0.884	-1.015	-1.175	-1.259	-1.197
11381	113.80	-0.976	-0.652	-0.312	-0.036	0.139	0.229	0.283	0.350	0.449	0.559
11391	113.90	0.639	0.656	0.611	0.545	0.518	0.582	0.744	0.962	1.158	1.253
11401	114.00	1.203	1.018	0.757	0.495	0.295	0.182	0.140	0.131	0.119	0.087
11411	114.10	0.045	0.010	-0.005	-0.002	-0.003	-0.028	-0.084	-0.155	-0.210	-0.220
11421	114.20	-0.180	-0.113	-0.065	-0.080	-0.178	-0.341	-0.521	-0.660	-0.721	-0.702
11431	114.30	-0.636	-0.572	-0.547	-0.569	-0.612	-0.636	-0.610	-0.533	-0.434	-0.356
11441	114.40	-0.330	-0.359	-0.410	-0.435	-0.396	-0.284	-0.127	0.028	0.134	0.176
11451	114.50	0.169	0.148	0.142	0.154	0.156	0.105	-0.025	-0.224	-0.436	-0.580
11461	114.60	-0.588	-0.439	-0.175	0.117	0.343	0.442	0.418	0.332	0.269	0.294
11471	114.70	0.418	0.591	0.731	0.769	0.684	0.520	0.359	0.285	0.338	0.493
11481	114.80	0.675	0.799	0.811	0.717	0.580	0.483	0.484	0.587	0.736	0.845
11491	114.90	0.842	0.704	0.472	0.230	0.065	0.026	0.106	0.249	0.381	0.451

Table 7-90-24 TABLE OF CORRECTED ACCELERATION RECORD NO.24

INDEX NO. 1282 S104-FU-1-7 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 58.663 (GAL) T= 19.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
11501	115.00	0.448	0.403	0.367	0.374	0.428	0.495	0.522	0.474	0.345	0.169
11511	115.10	0.002	-0.102	-0.120	-0.047	0.016	0.072	0.059	-0.040	-0.216	-0.445
11521	115.20	-0.698	-0.954	-1.201	-1.430	-1.637	-1.817	-1.960	-2.062	-2.119	-2.129
11531	115.30	-2.091	-2.004	-1.871	-1.703	-1.522	-1.357	-1.236	-1.172	-1.153	-1.142
11541	115.40	-1.093	-0.968	-0.759	-0.494	-0.227	-0.011	0.127	0.207	0.281	0.418
11551	115.50	0.663	1.011	1.407	1.760	1.987	2.045	1.953	1.785	1.639	1.594
11561	115.60	1.683	1.877	2.107	2.291	2.371	2.334	2.212	2.065	1.950	1.903
11571	115.70	1.919	1.960	1.973	1.907	1.739	1.478	1.165	0.859	0.617	0.475
11581	115.80	0.434	0.460	0.497	0.488	0.394	0.213	-0.021	-0.258	-0.449	-0.573
11591	115.90	-0.643	-0.699	-0.784	-0.922	-1.099	-1.268	-1.369	-1.357	-1.229	-1.027
11601	116.00	-0.825	-0.695	-0.682	-0.779	-0.940	-1.095	-1.183	-1.179	-1.095	-0.973
11611	116.10	-0.861	-0.796	-0.783	-0.807	-0.842	-0.864	-0.864	-0.849	-0.833	-0.835
11621	116.20	-0.861	-0.913	-0.979	-1.047	-1.098	-1.117	-1.092	-1.019	-0.906	-0.775
11631	116.30	-0.653	-0.568	-0.533	-0.540	-0.564	-0.569	-0.531	-0.448	-0.343	-0.257
11641	116.40	-0.225	-0.257	-0.333	-0.405	-0.421	-0.352	-0.206	-0.028	0.119	0.184
11651	116.50	0.151	0.045	-0.083	-0.177	-0.206	-0.173	-0.115	-0.075	-0.082	-0.134
11661	116.60	-0.200	-0.235	-0.207	-0.109	0.033	0.178	0.284	0.331	0.326	0.291
11671	116.70	0.254	0.227	0.208	0.182	0.136	0.069	0.002	-0.036	-0.018	0.064
11681	116.80	0.198	0.352	0.492	0.593	0.653	0.685	0.708	0.736	0.769	0.793
11691	116.90	0.793	0.762	0.711	0.664	0.645	0.665	0.712	0.752	0.748	0.670
11701	117.00	0.518	0.323	0.134	-0.003	-0.060	-0.048	0.000	0.036	0.024	-0.043
11711	117.10	-0.143	-0.231	-0.265	-0.220	-0.099	0.073	0.258	0.424	0.556	0.653
11721	117.20	0.723	0.773	0.804	0.808	0.782	0.729	0.665	0.615	0.603	0.639
11731	117.30	0.717	0.817	0.909	0.970	0.986	0.958	0.892	0.800	0.689	0.568
11741	117.40	0.448	0.345	0.275	0.253	0.275	0.324	0.368	0.376	0.332	0.241
11751	117.50	0.131	0.036	-0.015	-0.027	-0.027	-0.054	-0.140	-0.286	-0.461	-0.607
11761	117.60	-0.673	-0.632	-0.498	-0.325	-0.179	-0.114	-0.150	-0.271	-0.430	-0.582
11771	117.70	-0.696	-0.763	-0.798	-0.815	-0.819	-0.804	-0.755	-0.665	-0.547	-0.430
11781	117.80	-0.350	-0.333	-0.376	-0.452	-0.517	-0.534	-0.494	-0.415	-0.341	-0.314
11791	117.90	-0.358	-0.465	-0.600	-0.714	-0.771	-0.755	-0.676	-0.580	-0.433	-0.312
11801	118.00	-0.201	-0.104	-0.025	0.018	0.004	-0.081	-0.228	-0.406	-0.561	-0.640
11811	118.10	-0.612	-0.482	-0.290	-0.094	0.052	0.120	0.120	0.090	0.077	0.113
11821	118.20	0.196	0.300	0.379	0.394	0.339	0.230	0.111	0.030	0.015	0.064
11831	118.30	0.144	0.207	0.213	0.141	0.004	-0.163	-0.315	-0.417	-0.455	-0.441
11841	118.40	-0.400	-0.363	-0.346	-0.350	-0.360	-0.354	-0.314	-0.234	-0.123	-0.005
11851	118.50	0.094	0.154	0.165	0.131	0.070	0.006	-0.035	-0.032	0.023	0.125
11861	118.60	0.257	0.394	0.513	0.596	0.637	0.643	0.629	0.609	0.589	0.566
11871	118.70	0.524	0.447	0.323	0.153	-0.049	-0.258	-0.449	-0.600	-0.696	-0.735
11881	118.80	-0.715	-0.640	-0.518	-0.362	-0.191	-0.030	0.100	0.191	0.254	0.318
11891	118.90	0.421	0.590	0.823	1.079	1.292	1.388	1.318	1.074	0.714	0.323

Table 7-91-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1283 S104-GR-1-12 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -25.282 (GAL) T= 8.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	1.959	0.943	-0.123	-0.867	-1.075	-0.765	-0.148	0.499	0.982	1.264
11	0.10	1.448	1.671	1.973	2.242	2.247	1.784	0.814	-0.448	-1.590	-2.167
21	0.20	-1.911	-0.875	0.567	1.870	2.554	2.408	1.579	0.477	-0.417	-0.776
31	0.30	-0.558	0.015	0.592	0.887	0.803	0.453	0.057	-0.196	-0.262	-0.241
41	0.40	-0.296	-0.524	-0.874	-1.159	-1.153	-0.739	0.006	0.817	1.355	1.367
51	0.50	0.817	-0.094	-1.019	-1.620	-1.717	-1.352	-0.737	-0.135	0.274	0.460
61	0.60	0.519	0.584	0.722	0.881	0.928	0.733	0.270	-0.344	-0.889	-1.152
71	0.70	-1.037	-0.626	-0.145	0.147	0.092	-0.278	-0.753	-1.045	-0.936	-0.402
81	0.80	0.364	1.026	1.264	0.932	0.137	-0.793	-1.446	-1.512	-0.925	0.097
91	0.90	1.137	1.762	1.703	0.980	-0.114	-1.134	-1.679	-1.562	-0.882	0.032
101	1.00	0.776	1.056	0.816	0.246	-0.319	-0.575	-0.389	0.134	0.719	1.062
111	1.10	0.986	0.533	-0.068	-0.515	-0.596	-0.291	0.221	0.660	0.802	0.590
121	1.20	0.164	-0.223	-0.348	-0.146	0.247	0.569	0.569	0.157	-0.536	-1.212
131	1.30	-1.548	-1.365	-0.718	0.114	0.762	0.935	0.556	-0.208	-1.027	-1.559
141	1.40	-1.600	-1.158	-0.432	0.293	0.771	0.883	0.665	0.259	-0.162	-0.466
151	1.50	-0.594	-0.556	-0.407	-0.210	-0.022	0.112	0.158	0.096	-0.073	-0.322
161	1.60	-0.601	-0.866	-0.999	-1.023	-0.903	-0.645	-0.268	0.195	0.684	1.107
171	1.70	1.350	1.313	0.957	0.340	-0.379	-0.986	-1.300	-1.247	-0.900	-0.442
181	1.80	-0.078	0.073	0.034	-0.050	-0.008	0.243	0.621	0.909	0.869	0.389
191	1.90	-0.413	-1.207	-1.587	-1.274	-0.275	1.080	2.264	2.779	2.385	1.223
201	2.00	-0.267	-1.443	-1.921	-1.553	-0.569	0.572	1.396	1.613	1.211	0.415
211	2.10	-0.445	-1.086	-1.366	-1.293	-0.957	-0.468	0.093	0.655	1.129	1.393
221	2.20	1.317	0.841	0.034	-0.892	-1.643	-1.964	-1.756	-1.124	-0.335	0.308
231	2.30	0.609	0.561	0.324	0.125	0.124	0.327	0.596	0.741	0.649	0.353
241	2.40	0.028	-0.117	0.038	0.435	0.854	1.020	0.755	0.079	-0.774	-1.459
251	2.50	-1.673	-1.297	-0.450	0.564	1.390	1.757	1.574	0.941	0.083	-0.741
261	2.60	-1.318	-1.517	-1.298	-0.700	0.165	1.120	1.931	2.355	2.219	1.497
271	2.70	0.361	-0.843	-1.705	-1.908	-1.363	-0.269	0.951	1.815	1.973	1.358
281	2.80	0.214	-1.006	-1.830	-1.958	-1.380	-0.364	0.673	1.342	1.446	1.042
291	2.90	0.392	-0.166	-0.380	-0.193	0.248	0.668	0.810	0.558	0.003	-0.600
301	3.00	-0.951	-0.855	-0.327	0.398	0.965	1.061	0.574	-0.336	-1.290	-1.852
311	3.10	-1.737	-0.954	0.173	1.143	1.502	1.066	0.021	-1.147	-1.868	-1.756
321	3.20	-0.802	0.609	1.863	2.401	1.975	0.770	-0.685	-1.756	-2.004	-1.381
331	3.30	-0.240	0.839	1.331	1.015	0.071	-1.014	-1.688	-1.596	-0.751	0.476
341	3.40	1.531	1.934	1.495	0.399	-0.877	-1.782	-1.921	-1.226	0.024	1.324
351	3.50	2.157	2.198	1.442	0.200	-1.034	-1.779	-1.754	-0.983	0.218	1.367
361	3.60	2.007	1.885	1.045	-0.192	-1.353	-2.006	-1.925	-1.173	-0.063	0.974
371	3.70	1.566	1.535	0.952	0.079	-0.755	-1.288	-1.411	-1.178	-0.741	-0.269
381	3.80	0.119	0.375	0.502	0.514	0.423	0.239	-0.003	-0.229	-0.350	-0.306
391	3.90	-0.118	0.100	0.182	0.001	-0.443	-0.990	-1.372	-1.342	-0.815	0.056
401	4.00	0.916	1.365	1.157	0.336	-0.749	-1.595	-1.784	-1.189	-0.060	1.088
411	4.10	1.715	1.521	0.606	-0.575	-1.426	-1.508	-0.757	0.475	1.586	2.022
421	4.20	1.548	0.367	-0.975	-1.849	-1.846	-0.966	0.389	1.611	2.178	1.888
431	4.30	0.936	-0.201	-1.007	-1.167	-0.696	0.094	0.774	1.012	0.727	0.098
441	4.40	-0.544	-0.894	-0.824	-0.420	0.076	0.412	0.450	0.232	-0.064	-0.224
451	4.50	-0.119	0.233	0.678	1.003	1.060	0.736	0.171	-0.482	-1.037	-1.350
461	4.60	-1.357	-1.074	-0.568	0.058	0.681	1.167	1.384	1.235	0.707	-0.097
471	4.70	-0.958	-1.598	-1.775	-1.394	-0.564	0.419	1.178	1.409	1.012	0.154
481	4.80	-0.794	-1.409	-1.402	-0.751	0.277	1.232	1.680	1.392	0.453	-0.767
491	4.90	-1.771	-2.151	-1.761	-0.783	0.366	1.215	1.455	1.070	0.329	-0.346

Table 7-91-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1283 S104-GR-1-12 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -25.282 (GAL) T= 8.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.593	-0.281	0.421	1.126	1.421	1.068	0.139	-1.002	-1.857	-2.019
511	5.10	-1.370	-0.149	1.141	1.951	1.928	1.083	-0.212	-1.378	-1.890	-1.507
521	5.20	-0.382	1.000	2.037	2.266	1.564	0.198	-1.299	-2.351	-2.581	-1.949
531	5.30	-0.747	0.546	1.468	1.755	1.409	0.664	-0.149	-0.742	-0.965	-0.823
541	5.40	-0.432	0.056	0.510	0.831	0.950	0.816	0.414	-0.198	-0.860	-1.321
551	5.50	-1.322	-0.713	0.634	1.790	2.859	3.167	2.482	0.956	-0.890	-2.360
561	5.60	-2.873	-2.231	-0.733	0.943	2.032	2.036	0.963	-0.664	-2.049	-2.495
571	5.70	-1.745	-0.118	1.633	2.673	2.485	1.125	-0.806	-2.437	-3.048	-2.402
581	5.80	-0.851	0.850	1.920	1.926	0.984	-0.329	-1.281	-1.364	-0.547	0.723
591	5.90	1.759	2.001	1.295	-0.029	-1.337	-2.013	-1.775	-0.794	0.407	1.236
601	6.00	1.342	0.778	-0.047	-0.605	-0.538	0.146	1.083	1.745	1.723	0.937
611	6.10	-0.311	-1.489	-2.087	-1.862	-0.936	0.276	1.266	1.666	1.392	0.649
621	6.20	-0.194	-0.779	-0.907	-0.599	-0.045	0.493	0.800	0.774	0.445	-0.056
631	6.30	-0.556	-0.895	-0.976	-0.791	-0.426	-0.035	0.218	0.227	0.004	-0.313
641	6.40	-0.516	-0.430	-0.022	0.549	0.991	1.011	0.489	-0.427	-1.345	-1.807
651	6.50	-1.516	-0.516	0.783	1.781	1.969	1.202	-0.207	-1.612	-2.345	-2.051
661	6.60	-0.880	0.578	1.584	1.632	0.718	-0.646	-1.693	-1.801	-0.830	0.784
671	6.70	2.238	2.765	2.037	0.345	-1.531	-2.702	-2.614	-1.324	0.530	2.049
681	6.80	2.516	1.747	0.167	-1.416	-2.224	-1.892	-0.633	0.892	1.912	1.942
691	6.90	1.003	-0.403	-1.563	-1.913	-1.308	-0.071	1.188	1.884	1.741	0.905
701	7.00	-0.158	-0.905	-0.995	-0.437	0.433	1.141	1.320	0.888	0.075	-0.705
711	7.10	-1.062	-0.827	-0.123	0.705	1.257	1.272	0.743	-0.094	-0.879	-1.294
721	7.20	-1.206	-0.697	-0.014	0.561	0.835	0.761	0.432	0.004	-0.385	-0.657
731	7.30	-0.792	-0.794	-0.650	-0.339	0.133	0.680	1.133	1.281	0.980	0.253
741	7.40	-0.671	-1.423	-1.653	-1.212	-0.259	0.777	1.381	1.201	0.248	-1.075
751	7.50	-2.135	-2.370	-1.574	-0.027	1.605	2.571	2.394	1.101	-0.766	-2.396
761	7.60	-3.081	-2.536	-1.019	0.810	2.204	2.666	2.146	1.015	-0.165	-0.915
771	7.70	-1.049	-0.703	-0.197	0.161	0.237	0.089	-0.128	-0.294	-0.413	-0.578
781	7.80	-0.860	-1.190	-1.337	-1.608	-0.040	1.445	3.015	4.084	4.186	3.222
791	7.90	1.541	-0.200	-1.356	-1.618	-1.176	-0.604	-0.528	-1.226	-2.406	-3.284
801	8.00	-2.976	-1.018	2.265	5.747	7.914	7.547	4.344	-0.821	-6.176	-9.789
811	8.10	-10.436	-8.193	-4.447	-1.262	-0.377	-2.294	-5.912	-8.929	-8.904	-4.498
821	8.20	3.679	13.055	20.013	21.391	15.914	4.919	-8.020	-18.448	-22.817	-19.943
831	8.30	-11.468	-1.123	6.915	9.838	7.394	1.910	-2.856	-3.529	1.244	10.056
841	8.40	19.267	24.557	22.867	13.730	-0.208	-14.331	-23.758	-25.282	-18.611	-6.440
851	8.50	6.642	15.953	18.482	13.932	4.669	-5.360	-12.259	-13.722	-9.850	-2.966
861	8.60	3.460	6.369	4.434	-1.334	-8.018	-12.069	-10.928	-4.283	5.600	14.697
871	8.70	18.901	15.860	6.187	-6.569	-17.260	-21.267	-16.532	-4.573	10.018	21.434
881	8.80	25.084	19.552	7.183	-6.943	-17.206	-19.812	-14.290	-3.472	7.947	15.549
891	8.90	17.019	12.860	5.765	-0.909	-4.756	-5.234	-3.519	-1.533	-0.756	-1.503
901	9.00	-3.007	-4.134	-4.245	-3.621	-3.207	-3.841	-5.503	-7.095	-6.981	-4.012
911	9.10	1.559	7.860	12.130	12.094	7.259	-0.588	-8.048	-11.699	-9.815	-3.326
921	9.20	4.527	9.740	9.542	3.833	-4.690	-11.817	-13.891	-9.622	-0.736	8.873
931	9.30	15.040	15.322	10.081	2.151	-4.690	-7.627	-6.081	-1.757	2.506	4.397
941	9.40	3.363	0.777	-1.041	-0.336	2.905	6.807	8.611	6.289	-0.136	-8.316
951	9.50	-14.581	-15.742	-10.773	-1.472	8.269	14.266	14.025	7.909	-1.085	-8.821
961	9.60	-12.027	-9.795	-3.868	2.398	5.805	4.899	0.569	-4.582	-7.706	-7.209
971	9.70	-3.489	1.409	4.993	5.666	3.482	-0.050	-2.955	-3.957	-3.147	-1.772
981	9.80	-1.309	-2.392	-4.265	-5.133	-3.246	1.880	8.849	14.794	16.695	12.952
991	9.90	4.375	-5.978	-14.104	-16.889	-13.554	-5.973	2.292	7.761	8.699	5.827

Table 7-91-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1283 S104-GR-1-12 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -25.282 (GAL) T= 8.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.738	-0.630	0.341	4.075	8.144	9.661	6.936	0.512	-7.002	-12.227
1011	10.10	-12.759	-8.433	-1.442	4.774	7.279	5.133	-0.168	-5.511	-7.824	-5.696
1021	10.20	-0.120	6.017	9.433	8.153	2.543	-4.842	-10.503	-11.694	-7.737	-0.302
1031	10.30	7.419	12.219	12.295	7.924	1.155	-5.266	-9.133	-9.602	-7.271	-3.604
1041	10.40	-0.096	2.371	3.686	4.226	4.379	4.224	3.542	2.117	0.073	-1.989
1051	10.50	-3.215	-2.939	-1.117	1.542	3.847	4.684	3.576	0.948	-2.060	-4.147
1061	10.60	-4.473	-3.053	-0.714	1.356	2.209	1.591	0.018	-1.549	-2.240	-1.730
1071	10.70	-0.379	0.991	1.576	1.029	-0.348	-1.773	-2.408	-1.821	-0.231	1.580
1081	10.80	2.659	2.366	0.704	-1.663	-3.642	-4.396	-3.582	-1.622	0.511	1.743
1091	10.90	1.426	-0.332	-2.673	-4.350	-4.286	-2.085	1.732	5.890	8.847	9.428
1101	11.00	7.320	3.222	-1.415	-4.966	-6.274	-5.095	-2.167	1.136	3.396	3.736
1111	11.10	2.170	-0.467	-2.914	-4.055	-3.389	-1.214	1.552	3.802	4.729	4.140
1121	11.20	2.487	0.597	-0.726	-1.053	-0.479	0.481	1.185	1.177	0.390	-0.861
1131	11.30	-2.055	-2.732	-2.696	-2.086	-1.280	-0.698	-0.600	-0.965	-1.512	-1.835
1141	11.40	-1.591	-0.666	0.758	2.243	3.249	3.330	2.317	0.414	-1.839	-3.723
1151	11.50	-4.586	-4.093	-2.372	-0.008	2.157	3.340	3.129	1.676	-0.352	-2.037
1161	11.60	-2.605	-1.766	0.131	2.242	3.593	3.521	1.989	-0.386	-2.593	-3.685
1171	11.70	-3.199	-1.361	1.022	2.946	3.660	2.993	1.389	-0.337	-1.415	-1.473
1181	11.80	-0.682	0.384	1.076	1.017	0.280	-0.670	-1.250	-1.072	-0.142	1.156
1191	11.90	2.273	2.785	2.592	1.921	1.159	0.596	0.258	-0.085	-0.739	-1.830
1201	12.00	-3.140	-4.146	-4.259	-3.155	-1.011	1.490	3.417	4.003	3.015	0.890
1211	12.10	-1.436	-2.948	-3.008	-1.646	0.470	2.354	3.170	2.619	1.050	-0.732
1221	12.20	-1.879	-1.912	-0.937	0.426	1.376	1.332	0.222	-1.485	-3.010	-3.643
1231	12.30	-3.068	-1.504	0.423	1.976	2.646	2.354	1.446	0.484	-0.039	0.072
1241	12.40	0.648	1.275	1.532	1.209	0.415	-0.479	-1.032	-0.948	-0.231	0.815
1251	12.50	1.714	2.033	1.569	0.636	-0.982	-2.191	-2.777	-2.555	-1.612	-0.252
1261	12.60	1.139	2.231	2.834	2.920	2.570	1.902	1.027	0.029	-0.997	-1.920
1271	12.70	-2.562	-2.746	-2.371	-1.489	-0.330	0.751	1.394	1.379	0.727	-0.291
1281	12.80	-1.253	-1.764	-1.623	-0.914	0.021	0.738	0.887	0.374	-0.593	-1.589
1291	12.90	-2.168	-2.060	-1.299	-0.210	0.738	1.135	0.826	-0.027	-1.004	-1.620
1301	13.00	-1.529	-0.688	0.622	1.908	2.666	2.589	1.694	0.322	-1.005	-1.780
1311	13.10	-1.718	-0.858	0.452	1.701	2.415	2.345	1.563	0.422	-0.596	-1.082
1321	13.20	-0.872	-0.113	0.808	1.442	1.486	0.927	0.052	-0.683	-0.875	-0.380
1331	13.30	0.599	1.581	2.022	1.583	0.306	-1.365	-2.763	-3.295	-2.715	-1.257
1341	13.40	0.457	1.684	1.901	1.046	-0.453	-1.875	-2.548	-2.170	-0.949	0.492
1351	13.50	1.426	1.379	0.368	-1.092	-2.238	-2.434	-1.490	0.228	1.953	2.885
1361	13.60	2.571	1.132	-0.783	-2.304	-2.748	-1.949	-0.331	1.296	2.128	1.761
1371	13.70	0.378	-1.339	-2.548	-2.654	-1.596	0.134	1.741	2.518	2.193	1.044
1381	13.80	-0.256	-0.996	-0.788	0.236	1.497	2.275	2.085	0.928	-0.699	-2.051
1391	13.90	-2.510	-1.892	-0.534	0.872	1.634	1.396	0.310	-1.049	-1.980	-2.002
1401	14.00	-1.085	0.353	1.658	2.266	1.962	0.960	-0.233	-1.076	-1.248	-0.773
1411	14.10	0.040	0.775	1.117	0.979	0.489	-0.119	-0.645	-1.006	-1.225	-1.359
1421	14.20	-1.416	-1.333	-1.028	-0.483	0.192	0.780	1.055	0.911	0.439	-0.102
1431	14.30	-0.411	-0.312	0.145	0.690	0.983	0.798	0.171	-0.600	-1.099	-1.011
1441	14.40	-0.309	0.710	1.554	1.785	1.244	0.154	-0.973	-1.583	-1.346	-0.331
1451	14.50	1.020	2.091	2.378	1.721	0.371	-1.128	-2.184	-2.415	-1.795	-0.640
1461	14.60	0.546	1.294	1.367	0.738	-0.264	-1.281	-1.979	-2.177	-1.878	-1.235
1471	14.70	-0.479	0.169	0.558	0.647	0.498	0.246	0.045	0.004	0.144	0.381
1481	14.80	0.561	0.529	0.212	-0.328	-0.899	-1.248	-1.172	-0.612	0.299	1.283
1491	14.90	2.016	2.265	1.973	1.281	0.460	-0.196	-0.481	-0.340	0.139	0.770

Table 7-91-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1283 S104-GR-1-12 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -25.282 (GAL) T= 8.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.352	1.726	1.806	1.586	1.122	0.525	-0.067	-0.507	-0.679	-0.544
1511	15.10	-0.159	0.323	0.709	0.844	0.680	0.301	-0.109	-0.360	-0.348	-0.106
1521	15.20	0.216	0.433	0.428	0.213	-0.086	-0.307	-0.353	-0.257	-0.160	-0.222
1531	15.30	-0.511	-0.938	-1.289	-1.338	-0.986	-0.339	0.319	0.667	0.517	-0.066
1541	15.40	-0.784	-1.252	-1.203	-0.650	0.106	0.622	0.553	-0.144	-1.156	-1.946
1551	15.50	-2.026	-1.220	0.218	1.695	2.558	2.411	1.317	-0.217	-1.480	-1.901
1561	15.60	-1.325	-0.084	1.166	1.773	1.407	0.219	-1.237	-2.280	-2.425	-1.606
1571	15.70	-0.192	1.201	2.006	1.953	1.162	0.049	-0.894	-1.323	-1.169	-0.618
1581	15.80	0.023	0.491	0.674	0.623	0.473	0.345	0.284	0.263	0.237	0.196
1591	15.90	0.185	0.261	0.436	0.640	0.737	0.607	0.229	-0.273	-0.676	-0.761
1601	16.00	-0.442	0.166	0.793	1.136	1.029	0.535	-0.072	-0.445	-0.355	0.175
1611	16.10	0.867	1.326	1.250	0.606	-0.330	-1.100	-1.290	-0.757	0.286	1.356
1621	16.20	1.928	1.695	0.715	-0.610	-1.732	-2.215	-1.932	-1.101	-0.156	0.478
1631	16.30	0.585	0.228	-0.325	-0.776	-0.962	-0.926	-0.853	-0.929	-1.209	-1.572
1641	16.40	-1.791	-1.677	-1.213	-0.579	-0.073	0.052	-0.268	-0.863	-1.409	-1.594
1651	16.50	-1.278	-0.561	0.280	0.934	1.223	1.170	0.961	0.818	0.857	1.027
1661	16.60	1.151	1.055	0.696	0.210	-0.148	-0.145	0.290	1.008	1.710	2.096
1671	16.70	2.027	1.594	1.084	0.725	0.725	0.983	1.240	1.204	0.731	-0.088
1681	16.80	-0.953	-1.511	-1.535	-1.044	-0.290	0.369	0.650	0.472	-0.024	-0.578
1691	16.90	-0.960	-1.080	-1.011	-0.906	-0.879	-0.929	-0.947	-0.808	-0.481	-0.089
1701	17.00	0.148	0.037	-0.448	-1.110	-1.601	-1.593	-0.971	0.079	1.128	1.707
1711	17.10	1.541	0.695	-0.443	-1.351	-1.636	-1.227	-0.405	0.353	0.631	0.296
1721	17.20	-0.431	-1.100	-1.276	-0.781	0.204	1.227	1.799	1.645	0.843	-0.220
1731	17.30	-1.050	-1.295	-0.908	-0.145	0.593	0.975	0.907	0.545	0.178	0.038
1741	17.40	0.168	0.408	0.509	0.298	-0.196	-0.752	-1.077	-0.979	-0.486	0.163
1751	17.50	0.651	0.760	0.505	0.119	-0.079	0.121	0.687	1.345	1.731	1.594
1761	17.60	0.954	0.107	-0.526	-0.630	-0.178	0.542	1.073	1.045	0.383	-0.629
1771	17.70	-1.486	-1.725	-1.183	-0.098	1.000	1.555	1.274	0.291	-0.895	-1.673
1781	17.80	-1.626	-0.753	0.533	1.612	1.964	1.423	0.245	-1.037	-1.892	-2.044
1791	17.90	-1.586	-0.888	-0.373	-0.276	-0.533	-0.846	-0.880	-0.482	0.213	0.847
1801	18.00	1.043	0.630	-0.231	-1.110	-1.519	-1.173	-0.153	1.111	2.041	2.194
1811	18.10	1.484	0.232	-0.988	-1.615	-1.369	-0.367	0.966	2.017	2.442	2.134
1821	18.20	1.321	0.409	-0.235	-0.446	-0.296	-0.016	0.165	0.146	-0.009	-0.132
1831	18.30	-0.076	0.182	0.527	0.768	0.756	0.476	0.060	-0.288	-0.404	-0.266
1841	18.40	0.000	0.192	0.149	-0.140	-0.529	-0.783	-0.717	-0.302	0.296	0.798
1851	18.50	0.943	0.634	-0.011	-0.711	-1.153	-1.151	-0.728	-0.102	0.434	0.653
1861	18.60	0.504	0.115	-0.285	-0.500	-0.463	-0.261	-0.067	-0.032	-0.192	-0.451
1871	18.70	-0.638	-0.610	-0.337	0.076	0.446	0.609	0.506	0.202	-0.154	-0.424
1881	18.80	-0.549	-0.571	-0.582	-0.650	-0.756	-0.801	-0.673	-0.336	0.117	0.483
1891	18.90	0.553	0.233	-0.377	-1.004	-1.323	-1.124	-0.427	0.502	1.274	1.587
1901	19.00	1.289	0.631	-0.026	-0.309	-0.047	0.634	1.367	1.736	1.489	0.674
1911	19.10	-0.376	-1.211	-1.489	-1.141	-0.402	0.324	0.678	0.531	0.048	-0.412
1921	19.20	-0.498	-0.063	0.745	1.553	1.951	1.710	0.899	-0.137	-0.953	-1.218
1931	19.30	-0.881	-0.186	0.452	0.663	0.311	-0.441	-1.206	-1.567	-1.278	-0.388
1941	19.40	0.778	1.764	2.179	1.863	0.947	-0.219	-1.217	-1.724	-1.622	-1.016
1951	19.50	-0.161	0.649	1.184	1.341	1.140	0.687	0.118	-0.435	-0.872	-1.122
1961	19.60	-1.150	-0.956	-0.587	-0.134	0.279	0.531	0.545	0.317	-0.077	-0.505
1971	19.70	-0.829	-0.951	-0.846	-0.559	-0.184	0.179	0.455	0.602	0.606	0.468
1981	19.80	0.189	-0.212	-0.690	-1.153	-1.477	-1.539	-1.273	-0.717	-0.020	0.598
1991	19.90	0.931	0.877	0.488	-0.045	-0.467	-0.586	-0.358	0.078	0.464	0.548

Table 7-91-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1283 S104-GR-1-12 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -25.282 (GAL) T= 8.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.212	-0.458	-1.190	-1.651	-1.593	-0.980	-0.010	0.961	1.576	1.628
2011	20.10	1.152	0.394	-0.303	-0.652	-0.543	-0.073	0.523	0.986	1.156	1.025
2021	20.20	0.709	0.376	0.144	0.036	-0.014	-0.103	-0.285	-0.537	-0.764	-0.858
2031	20.30	-0.757	-0.487	-0.145	0.148	0.311	0.340	0.301	0.286	0.351	0.481
2041	20.40	0.592	0.581	0.386	0.026	-0.392	-0.718	-0.831	-0.691	-0.360	0.026
2051	20.50	0.321	0.436	0.371	0.215	0.087	0.081	0.219	0.438	0.630	0.696
2061	20.60	0.601	0.387	0.157	0.018	0.024	0.145	0.277	0.295	0.121	-0.230
2071	20.70	-0.641	-0.944	-0.990	-0.724	-0.217	0.360	0.809	0.989	0.879	0.575
2081	20.80	0.241	0.018	-0.039	0.015	0.054	-0.038	-0.297	-0.651	-0.955	-1.069
2091	20.90	-0.939	-0.638	-0.330	-0.195	-0.325	-0.676	-1.080	-1.328	-1.276	-0.920
2101	21.00	-0.398	0.076	0.322	0.280	0.036	-0.231	-0.341	-0.208	0.125	0.518
2111	21.10	0.819	0.942	0.904	0.800	0.732	0.739	0.772	0.728	0.522	0.154
2121	21.20	-0.269	-0.578	-0.629	-0.383	0.064	0.525	0.810	0.820	0.591	0.263
2131	21.30	0.001	-0.095	-0.039	0.069	0.110	0.029	-0.126	-0.237	-0.190	0.044
2141	21.40	0.373	0.628	0.649	0.388	-0.056	-0.474	-0.653	-0.488	-0.046	0.460
2151	21.50	0.780	0.754	0.398	-0.107	-0.504	-0.596	-0.350	0.094	0.493	0.635
2161	21.60	0.445	0.028	-0.395	-0.598	-0.469	-0.058	0.455	0.862	1.024	0.938
2171	21.70	0.710	0.484	0.354	0.318	0.292	0.186	-0.032	-0.305	-0.515	-0.561
2181	21.80	-0.429	-0.216	-0.078	-0.145	-0.426	-0.792	-1.029	-0.953	-0.524	0.115
2191	21.90	0.687	0.917	0.673	0.044	-0.686	-1.179	-1.204	-0.755	-0.057	0.547
2201	22.00	0.773	0.537	-0.004	-0.541	-0.780	-0.602	-0.124	0.361	0.552	0.302
2211	22.10	-0.287	-0.920	-1.260	-1.114	-0.543	0.166	0.654	0.683	0.277	-0.287
2221	22.20	-0.624	-0.455	0.221	1.106	1.736	1.721	0.960	-0.236	-1.500	-2.150
2231	22.30	-1.948	-0.996	0.267	1.274	1.606	1.188	0.306	-0.553	-0.960	-0.759
2241	22.40	-0.127	0.537	0.843	0.628	0.037	-0.564	-0.798	-0.500	0.192	0.897
2251	22.50	1.209	0.915	0.129	-0.764	-1.303	-1.198	-0.488	0.478	1.218	1.369
2261	22.60	0.883	0.044	-0.678	-0.880	-0.441	0.412	1.224	1.547	1.176	0.258
2271	22.70	-0.791	-1.494	-1.558	-1.014	-0.188	0.480	0.660	0.300	-0.366	-0.958
2281	22.80	-1.155	-0.860	-0.239	0.387	0.723	0.655	0.300	-0.075	-0.218	-0.038
2291	22.90	0.346	0.670	0.684	0.296	-0.365	-1.007	-1.328	-1.169	-0.598	0.128
2301	23.00	0.687	0.857	0.615	0.130	-0.330	-0.541	-0.425	-0.074	0.322	0.585
2311	23.10	0.637	0.528	0.386	0.332	0.405	0.550	0.658	0.645	0.502	0.307
2321	23.20	0.172	0.174	0.301	0.457	0.515	0.393	0.109	-0.224	-0.454	-0.473
2331	23.30	-0.281	0.012	0.244	0.280	0.087	-0.252	-0.586	-0.774	-0.764	-0.608
2341	23.40	-0.431	-0.354	-0.421	-0.580	-0.714	-0.713	-0.545	-0.283	-0.070	-0.041
2351	23.50	-0.245	-0.606	-0.957	-1.114	-0.977	-0.584	-0.100	0.254	0.311	0.038
2361	23.60	-0.446	-0.922	-1.171	-1.074	-0.665	-0.114	0.352	0.557	0.447	0.118
2371	23.70	-0.234	-0.397	-0.239	0.240	0.905	1.547	1.962	2.033	1.766	1.281
2381	23.80	0.758	0.363	0.189	0.223	0.363	0.469	0.424	0.186	-0.188	-0.572
2391	23.90	-0.815	-0.806	-0.524	-0.044	0.479	0.876	1.024	0.886	0.530	0.091
2401	24.00	-0.280	-0.476	-0.473	-0.333	-0.171	-0.103	-0.194	-0.427	-0.712	-0.923
2411	24.10	-0.947	-0.744	-0.360	0.074	0.395	0.469	0.244	-0.218	-0.758	-1.173
2421	24.20	-1.295	-1.058	-0.527	0.112	0.632	0.848	0.697	0.267	-0.236	-0.572
2431	24.30	-0.574	-0.217	0.367	0.945	1.281	1.243	0.856	0.286	-0.232	-0.502
2441	24.40	-0.447	-0.134	0.269	0.578	0.678	0.566	0.338	0.125	0.019	0.032
2451	24.50	0.097	0.120	0.044	-0.109	-0.249	-0.261	-0.078	0.274	0.680	0.983
2461	24.60	1.064	0.898	0.571	0.236	0.041	0.057	0.250	0.500	0.666	0.662
2471	24.70	0.488	0.229	-0.002	-0.130	-0.153	-0.146	-0.204	-0.388	-0.668	-0.935
2481	24.80	-1.044	-0.889	-0.468	0.104	0.633	0.926	0.873	0.497	-0.052	-0.565
2491	24.90	-0.851	-0.818	-0.500	-0.037	0.389	0.626	0.602	0.342	-0.062	-0.488

Table 7-91-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1283 S104-GR-1-12 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -25.282 (GAL) T= 8.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.840	-1.065	-1.156	-1.135	-1.027	-0.845	-0.596	-0.288	0.054	0.382
2511	25.10	0.634	0.752	0.707	0.508	0.206	-0.130	-0.428	-0.639	-0.744	-0.752
2521	25.20	-0.683	-0.559	-0.394	-0.199	0.009	0.198	0.320	0.332	0.209	-0.028
2531	25.30	-0.311	-0.543	-0.628	-0.520	-0.243	0.107	0.392	0.492	0.354	0.019
2541	25.40	-0.385	-0.695	-0.776	-0.579	-0.162	0.337	0.751	0.954	0.905	0.655
2551	25.50	0.323	0.035	-0.127	-0.145	-0.068	0.028	0.075	0.047	-0.039	-0.132
2561	25.60	-0.178	-0.145	-0.030	0.139	0.318	0.458	0.519	0.475	0.319	0.076
2571	25.70	-0.204	-0.440	-0.549	-0.469	-0.193	0.219	0.649	0.957	1.039	0.867
2581	25.80	0.508	0.093	-0.228	-0.352	-0.261	-0.020	0.261	0.481	0.588	0.596
2591	25.90	0.556	0.517	0.496	0.469	0.396	0.258	0.078	-0.083	-0.162	-0.134
2601	26.00	-0.044	0.017	-0.044	-0.262	-0.582	-0.877	-1.005	-0.889	-0.565	-0.169
2611	26.10	0.131	0.110	-0.078	-0.172	-0.057	0.247	0.580	0.725	0.533	0.533
2621	26.20	0.032	-0.565	-0.944	-0.850	-0.241	0.663	1.454	1.723	1.265	0.199
2631	26.30	-1.060	-1.983	-2.164	-1.521	-0.334	0.874	1.586	1.528	0.793	-0.216
2641	26.40	-0.984	-1.141	-0.632	0.264	1.082	1.403	1.058	0.203	-0.766	-1.611
2651	26.50	-1.464	-0.946	-0.142	0.545	0.791	0.501	-0.165	-0.878	-1.305	-1.262
2661	26.60	-0.788	-0.115	0.455	0.677	0.474	-0.049	-0.659	-1.102	-1.201	-0.921
2671	26.70	-0.371	0.248	0.720	0.893	0.725	0.299	-0.215	-0.620	-0.767	-0.615
2681	26.80	-0.243	0.174	0.439	0.414	0.090	-0.407	-0.862	-1.067	-0.911	-0.435
2691	26.90	0.184	0.714	0.976	0.915	0.625	0.286	0.072	0.058	0.189	0.317
2701	27.00	0.296	0.066	-0.300	-0.628	-0.734	-0.522	-0.043	0.520	0.933	1.027
2711	27.10	0.769	0.283	-0.222	-0.543	-0.582	-0.375	-0.066	0.174	0.232	0.096
2721	27.20	-0.149	-0.377	-0.483	-0.427	-0.238	0.015	0.259	0.450	0.569	0.611
2731	27.30	0.568	0.430	0.198	-0.089	-0.352	-0.486	-0.408	-0.105	0.350	0.804
2741	27.40	1.088	1.088	0.795	0.314	-0.173	-0.491	-0.536	-0.319	0.045	0.399
2751	27.50	0.606	0.610	0.448	0.221	0.040	-0.022	0.043	0.179	0.306	0.360
2761	27.60	0.317	0.200	0.065	-0.034	-0.070	-0.052	-0.019	-0.017	-0.076	-0.189
2771	27.70	-0.317	-0.402	-0.395	-0.276	-0.071	0.158	0.335	0.393	0.307	0.097
2781	27.80	-0.182	-0.458	-0.674	-0.797	-0.829	-0.789	-0.697	-0.564	-0.392	-0.189
2791	27.90	0.025	0.210	0.320	0.328	0.241	0.106	-0.007	-0.038	0.029	0.157
2801	28.00	0.274	0.310	0.237	0.087	-0.060	-0.128	-0.082	0.041	0.151	0.153
2811	28.10	0.013	-0.220	-0.422	-0.463	-0.276	0.090	0.480	0.707	0.643	0.297
2821	28.20	-0.175	-0.540	-0.596	-0.280	0.290	0.868	1.191	1.112	0.674	0.090
2831	28.30	-0.360	-0.467	-0.198	0.285	0.708	0.824	0.536	-0.053	-0.686	-1.081
2841	28.40	-1.067	-0.659	-0.051	0.490	0.749	0.666	0.347	0.002	-0.172	-0.095
2851	28.50	0.166	0.435	0.530	0.354	-0.048	-0.519	-0.867	-0.963	-0.798	-0.484
2861	28.60	-0.190	-0.057	-0.130	-0.347	-0.574	-0.681	-0.600	-0.358	-0.050	0.205
2871	28.70	0.326	0.295	0.155	-0.024	-0.175	-0.267	-0.297	-0.280	-0.230	-0.153
2881	28.80	-0.061	0.026	0.069	0.032	-0.096	-0.273	-0.413	-0.410	-0.200	0.200
2891	28.90	0.671	1.035	1.125	0.870	0.342	-0.267	-0.715	-0.824	-0.558	-0.046
2901	29.00	0.478	0.785	0.753	0.428	-0.013	-0.349	-0.431	-0.248	0.071	0.341
2911	29.10	0.425	0.308	0.105	-0.008	0.088	0.387	0.736	0.917	0.764	0.267
2921	29.20	-0.406	-0.974	-1.184	-0.936	-0.345	0.309	0.717	0.690	0.254	-0.363
2931	29.30	-0.847	-0.948	-0.604	0.038	0.708	1.146	1.226	1.004	0.657	0.374
2941	29.40	0.242	0.209	0.128	-0.134	-0.595	-1.126	-1.504	-1.530	-1.148	-0.486
2951	29.50	0.192	0.613	0.632	0.301	-0.162	-0.490	-0.510	-0.228	0.178	0.460
2961	29.60	0.442	0.117	-0.344	-0.688	-0.713	-0.386	0.141	0.604	0.765	0.534
2971	29.70	0.020	-0.530	-0.857	-0.818	-0.452	0.048	0.438	0.553	0.380	0.050
2981	29.80	-0.243	-0.350	-0.242	-0.016	0.172	0.204	0.065	-0.149	-0.290	-0.248
2991	29.90	-0.018	0.293	0.523	0.537	0.306	-0.080	-0.456	-0.659	-0.614	-0.353

Table 7-91-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1283 S104-GR-1-12 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -25.282 (GAL) T= 8.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	0.003	0.313	0.487	0.514	0.454	0.381	0.339	0.313	0.247	0.092
3011	30.10	-0.154	-0.427	-0.626	-0.663	-0.514	-0.236	0.057	0.249	0.283	0.181
3021	30.20	0.034	-0.052	-0.018	0.121	0.283	0.365	0.303	0.106	-0.144	-0.341
3031	30.30	-0.406	-0.339	-0.217	-0.153	-0.237	-0.482	-0.806	-1.069	-1.134	-0.934
3041	30.40	-0.511	-0.001	0.418	0.605	0.513	0.207	-0.160	-0.415	-0.440	-0.212
3051	30.50	0.183	0.597	0.875	0.922	0.739	0.410	0.070	-0.163	-0.231	-0.158
3061	30.60	-0.032	0.040	-0.006	-0.165	-0.351	-0.440	-0.329	0.013	0.517	1.034
3071	30.70	1.391	1.467	1.239	0.802	0.325	-0.017	-0.117	0.021	0.288	0.523
3081	30.80	0.587	0.426	0.093	-0.282	-0.551	-0.616	-0.466	-0.179	0.124	0.330
3091	30.90	0.385	0.305	0.158	0.025	-0.039	-0.026	0.034	0.097	0.126	0.109
3101	31.00	0.053	-0.026	-0.116	-0.214	-0.318	-0.419	-0.492	-0.508	-0.449	-0.321
3111	31.10	-0.155	0.004	0.120	0.191	0.248	0.333	0.473	0.647	0.788	0.806
3121	31.20	0.635	0.276	-0.188	-0.618	-0.874	-0.882	-0.670	-0.357	-0.100	-0.018
3131	31.30	-0.136	-0.368	-0.566	-0.589	-0.382	-0.003	0.396	0.644	0.632	0.366
3141	31.40	-0.037	-0.406	-0.593	-0.546	-0.325	-0.063	0.102	0.098	-0.048	-0.234
3151	31.50	-0.339	-0.293	-0.114	0.105	0.249	0.240	0.091	-0.106	-0.224	-0.166
3161	31.60	0.078	0.428	0.748	0.912	0.869	0.665	0.415	0.246	0.232	0.357
3171	31.70	0.528	0.627	0.570	0.352	0.052	-0.216	-0.355	-0.342	-0.234	-0.135
3181	31.80	-0.141	-0.284	-0.509	-0.698	-0.727	-0.526	-0.131	0.347	0.744	0.919
3191	31.90	0.814	0.471	0.010	-0.423	-0.715	-0.826	-0.788	-0.680	-0.580	-0.532
3201	32.00	-0.528	-0.525	-0.475	-0.356	-0.189	-0.023	0.085	0.101	0.030	-0.085
3211	32.10	-0.186	-0.226	-0.191	-0.105	-0.013	0.043	0.068	0.021	0.005	0.045
3221	32.20	0.160	0.327	0.490	0.579	0.541	0.367	0.096	-0.199	-0.436	-0.561
3231	32.30	-0.562	-0.464	-0.320	-0.178	-0.062	0.024	0.097	0.169	0.241	0.296
3241	32.40	0.318	0.301	0.258	0.220	0.213	0.241	0.279	0.282	0.207	0.047
3251	32.50	-0.156	-0.324	-0.373	-0.255	0.010	0.340	0.616	0.740	0.673	0.455
3261	32.60	0.181	-0.042	-0.147	-0.131	-0.048	0.025	0.035	-0.021	-0.099	-0.138
3271	32.70	-0.102	-0.007	0.091	0.118	0.035	-0.143	-0.367	-0.486	-0.496	-0.374
3281	32.80	-0.180	-0.011	0.048	-0.035	-0.233	-0.469	-0.657	-0.742	-0.712	-0.594
3291	32.90	-0.434	-0.273	-0.138	-0.045	-0.008	-0.044	-0.160	-0.339	-0.526	-0.639
3301	33.00	-0.596	-0.364	0.016	0.430	0.731	0.802	0.611	0.232	-0.185	-0.483
3311	33.10	-0.559	-0.415	-0.138	0.145	0.337	0.414	0.420	0.427	0.480	0.559
3321	33.20	0.593	0.504	0.270	-0.046	-0.312	-0.394	-0.228	0.133	0.533	0.784
3331	33.30	0.760	0.463	0.027	-0.350	-0.501	-0.379	-0.077	0.220	0.336	0.196
3341	33.40	-0.134	-0.481	-0.660	-0.571	-0.252	0.140	0.413	0.444	0.243	-0.052
3351	33.50	-0.252	-0.215	0.071	0.480	0.811	0.887	0.649	0.189	-0.295	-0.593
3361	33.60	-0.583	-0.284	0.156	0.534	0.696	0.598	0.323	0.029	-0.132	-0.093
3371	33.70	0.103	0.327	0.432	0.329	0.030	-0.353	-0.662	-0.761	-0.597	-0.223
3381	33.80	0.226	0.587	0.733	0.624	0.317	-0.062	-0.368	-0.495	-0.418	-0.195
3391	33.90	0.054	0.203	0.169	-0.049	-0.366	-0.648	-0.760	-0.624	-0.250	0.257
3401	34.00	0.741	1.048	1.080	0.831	0.385	-0.126	-0.562	-0.834	-0.915	-0.845
3411	34.10	-0.695	-0.532	-0.392	-0.275	-0.156	-0.011	0.163	0.337	0.467	0.509
3421	34.20	0.446	0.298	0.119	-0.027	-0.088	-0.050	0.059	0.176	0.236	0.192
3431	34.30	0.044	-0.157	-0.331	-0.397	-0.308	-0.079	0.216	0.469	0.577	0.487
3441	34.40	0.222	-0.127	-0.430	-0.576	-0.515	-0.279	0.033	0.298	0.425	0.391
3451	34.50	0.247	0.087	0.001	0.025	0.127	0.224	0.230	0.100	-0.137	-0.394
3461	34.60	-0.563	-0.575	-0.430	-0.203	-0.006	0.072	0.003	-0.156	-0.298	-0.318
3471	34.70	-0.168	0.116	0.428	0.644	0.682	0.540	0.294	0.062	-0.062	-0.052
3481	34.80	0.038	0.104	0.052	-0.146	-0.430	-0.672	-0.731	-0.526	-0.077	0.494
3491	34.90	1.007	1.297	1.272	0.955	0.458	-0.057	-0.452	-0.652	-0.660	-0.543

Table 7-91-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1283 S104-GR-1-12 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -25.282 (GAL) T= 8.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.383	-0.244	-0.149	-0.089	-0.040	0.006	0.035	0.018	-0.064	-0.205
3511	35.10	-0.361	-0.466	-0.459	-0.317	-0.069	0.211	0.431	0.522	0.464	0.298
3521	35.20	0.106	-0.026	-0.045	0.045	0.189	0.302	0.310	0.186	-0.039	-0.289
3531	35.30	-0.474	-0.529	-0.442	-0.258	-0.055	0.087	0.128	0.082	0.013	0.005
3541	35.40	0.119	0.357	0.652	0.892	0.957	0.777	0.365	-0.178	-0.698	-1.042
3551	35.50	-1.117	-0.929	-0.577	-0.208	0.043	0.117	0.046	-0.062	-0.087	0.042
3561	35.60	0.304	0.588	0.747	0.670	0.348	-0.109	-0.516	-0.690	-0.542	-0.124
3571	35.70	0.384	0.749	0.792	0.475	-0.082	-0.643	-0.968	-0.920	-0.529	0.022
3581	35.80	0.476	0.630	0.416	-0.061	-0.583	-0.922	-0.951	-0.696	-0.320	-0.038
3591	35.90	-0.006	-0.246	-0.635	-0.971	-1.070	-0.858	-0.404	0.115	0.503	0.635
3601	36.00	0.516	0.261	0.036	-0.033	0.078	0.291	0.467	0.490	0.327	0.044
3611	36.10	-0.227	-0.359	-0.294	-0.075	0.186	0.359	0.367	0.221	0.004	-0.172
3621	36.20	-0.229	-0.159	-0.022	0.094	0.127	0.078	0.003	-0.017	0.064	0.229
3631	36.30	0.395	0.461	0.360	0.108	-0.197	-0.416	-0.439	-0.245	0.083	0.392
3641	36.40	0.529	0.418	0.100	-0.288	-0.571	-0.622	-0.418	-0.052	0.313	0.524
3651	36.50	0.503	0.280	-0.030	-0.286	-0.391	-0.328	-0.163	0.002	0.082	0.050
3661	36.60	-0.053	-0.147	-0.161	-0.064	0.117	0.315	0.462	0.514	0.469	0.360
3671	36.70	0.227	0.105	0.005	-0.070	-0.121	-0.141	-0.120	-0.060	0.016	0.066
3681	36.80	0.045	-0.066	-0.242	-0.411	-0.484	-0.397	-0.166	0.199	0.517	0.688
3691	36.90	0.649	0.420	0.105	-0.161	-0.266	-0.175	0.061	0.328	0.507	0.528
3701	37.00	0.391	0.169	-0.040	-0.156	-0.152	-0.056	0.068	0.156	0.174	0.127
3711	37.10	0.046	-0.031	-0.079	-0.098	-0.097	-0.088	-0.070	-0.031	0.040	0.145
3721	37.20	0.262	0.353	0.378	0.316	0.174	-0.008	-0.172	-0.263	-0.247	-0.128
3731	37.30	0.054	0.238	0.357	0.361	0.239	0.015	-0.249	-0.481	-0.616	-0.627
3741	37.40	-0.530	-0.381	-0.250	-0.190	-0.209	-0.271	-0.307	-0.258	-0.104	0.111
3751	37.50	0.304	0.385	0.309	0.105	-0.128	-0.271	-0.239	-0.036	0.244	0.452
3761	37.60	0.465	0.245	-0.123	-0.467	-0.601	-0.420	0.042	0.618	1.075	1.217
3771	37.70	0.971	0.426	-0.209	-0.693	-0.857	-0.674	-0.254	0.212	0.540	0.636
3781	37.80	0.519	0.301	0.117	0.060	0.140	0.293	0.416	0.427	0.299	0.071
3791	37.90	-0.183	-0.384	-0.485	-0.481	-0.402	-0.288	-0.173	-0.074	0.004	0.061
3801	38.00	0.094	0.098	0.074	0.030	-0.017	-0.048	-0.055	-0.048	-0.050	-0.085
3811	38.10	-0.162	-0.268	-0.366	-0.414	-0.380	-0.260	-0.083	0.104	0.250	0.317
3821	38.20	0.295	0.196	0.048	-0.118	-0.273	-0.398	-0.478	-0.509	-0.497	-0.455
3831	38.30	-0.408	-0.384	-0.398	-0.449	-0.510	-0.542	-0.505	-0.386	-0.201	0.001
3841	38.40	0.161	0.235	0.215	0.134	0.047	0.006	0.036	0.117	0.201	0.237
3851	38.50	0.198	0.100	-0.004	-0.053	-0.009	0.121	0.279	0.390	0.393	0.275
3861	38.60	0.083	-0.099	-0.184	-0.125	0.061	0.299	0.492	0.565	0.499	0.339
3871	38.70	0.177	0.101	0.157	0.324	0.522	0.646	0.619	0.426	0.121	-0.189
3881	38.80	-0.396	-0.434	-0.308	-0.091	0.107	0.189	0.112	-0.098	-0.358	-0.566
3891	38.90	-0.647	-0.583	-0.415	-0.222	-0.081	-0.033	-0.067	-0.130	-0.161	-0.120
3901	39.00	-0.015	0.104	0.170	0.131	-0.021	-0.244	-0.463	-0.600	-0.612	-0.502
3911	39.10	-0.316	-0.120	0.034	0.120	0.145	0.135	0.110	0.075	0.021	-0.064
3921	39.20	-0.170	-0.266	-0.302	-0.238	-0.068	0.163	0.372	0.468	0.392	0.149
3931	39.30	-0.190	-0.509	-0.698	-0.694	-0.504	-0.199	0.122	0.373	0.512	0.549
3941	39.40	0.526	0.487	0.454	0.415	0.341	0.211	0.031	-0.162	-0.313	-0.373
3951	39.50	-0.327	-0.196	-0.028	0.126	0.234	0.296	0.333	0.374	0.432	0.494
3961	39.60	0.534	0.521	0.445	0.320	0.183	0.074	0.015	0.007	0.023	0.030
3971	39.70	0.001	-0.065	-0.149	-0.216	-0.235	-0.189	-0.089	0.035	0.142	0.191
3981	39.80	0.158	0.041	-0.137	-0.330	-0.482	-0.543	-0.483	-0.303	-0.044	0.231
3991	39.90	0.452	0.568	0.565	0.466	0.318	0.172	0.054	-0.036	-0.121	-0.223

Table 7-91-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1283 S104-GR-1-12 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -25.282 (GAL) T= 8.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.345	-0.458	-0.517	-0.481	-0.345	-0.145	0.049	0.167	0.171	0.080
4011	40.10	-0.043	-0.116	-0.081	0.063	0.260	0.423	0.473	0.379	0.169	-0.084
4021	40.20	-0.300	-0.425	-0.448	-0.393	-0.293	-0.168	-0.016	0.172	0.392	0.604
4031	40.30	0.739	0.727	0.538	0.210	-0.155	-0.427	-0.508	-0.380	-0.117	0.146
4041	40.40	0.278	0.213	-0.010	-0.271	-0.420	-0.359	-0.034	0.309	0.665	0.851
4051	40.50	0.804	0.564	0.241	-0.040	-0.196	-0.217	-0.157	-0.091	-0.074	-0.110
4061	40.60	-0.162	-0.183	-0.147	-0.072	-0.007	-0.001	-0.071	-0.192	-0.307	-0.361
4071	40.70	-0.334	-0.250	-0.162	-0.113	-0.113	-0.124	-0.088	0.035	0.233	0.432
4081	40.80	0.532	0.458	0.203	-0.154	-0.479	-0.645	-0.596	-0.372	-0.095	0.097
4091	40.90	0.113	-0.040	-0.265	-0.425	-0.418	-0.229	0.061	0.317	0.420	0.330
4101	41.00	0.099	-0.152	-0.303	-0.294	-0.155	0.018	0.118	0.085	-0.057	-0.222
4111	41.10	-0.305	-0.245	-0.064	0.151	0.287	0.266	0.091	-0.162	-0.378	-0.462
4121	41.20	-0.384	-0.190	0.031	0.192	0.249	0.219	0.155	0.115	0.123	0.165
4131	41.30	0.203	0.202	0.162	0.112	0.090	0.113	0.159	0.176	0.112	-0.043
4141	41.40	-0.241	-0.384	-0.371	-0.156	0.217	0.622	0.901	0.933	0.693	0.271
4151	41.50	-0.169	-0.459	-0.504	-0.521	-0.023	0.238	0.344	0.269	0.078	-0.109
4161	41.60	-0.184	-0.108	0.075	0.265	0.362	0.323	0.184	0.037	-0.022	0.053
4171	41.70	0.230	0.466	0.461	0.317	-0.017	-0.450	-0.838	-1.053	-1.033	-0.808
4181	41.80	-0.480	-0.179	-0.003	0.015	-0.091	-0.242	-0.360	-0.401	-0.363	-0.281
4191	41.90	-0.193	-0.119	-0.057	0.015	0.108	0.211	0.290	0.299	0.211	0.038
4201	42.00	-0.167	-0.328	-0.382	-0.304	-0.125	0.083	0.242	0.306	0.277	0.208
4211	42.10	0.167	0.204	0.316	0.446	0.510	0.441	0.224	-0.088	-0.388	-0.566
4221	42.20	-0.553	-0.351	-0.037	0.273	0.468	0.490	0.345	0.099	-0.158	-0.351
4231	42.30	-0.441	-0.432	-0.353	-0.240	-0.118	-0.001	0.102	0.177	0.201	0.154
4241	42.40	0.030	-0.148	-0.332	-0.463	-0.500	-0.431	-0.283	-0.108	0.045	0.150
4251	42.50	0.210	0.252	0.298	0.351	0.382	0.353	0.233	0.033	-0.197	-0.379
4261	42.60	-0.446	-0.371	-0.188	0.020	0.162	0.174	0.054	-0.139	-0.318	-0.404
4271	42.70	-0.368	-0.240	-0.089	0.011	0.022	-0.045	-0.134	-0.178	-0.135	-0.008
4281	42.80	0.158	0.298	0.365	0.346	0.271	0.189	0.142	0.144	0.172	0.188
4291	42.90	0.158	0.079	-0.017	-0.021	-0.066	0.045	0.227	0.424	0.571	0.619
4301	43.00	0.555	0.491	0.206	0.024	-0.105	-0.160	-0.139	-0.058	0.061	0.192
4311	43.10	0.307	0.378	0.384	0.319	0.199	0.062	-0.046	-0.086	-0.042	0.062
4321	43.20	0.179	0.252	0.241	0.147	0.010	-0.107	-0.142	-0.067	0.106	0.322
4331	43.30	0.513	0.623	0.626	0.530	0.368	0.173	-0.030	-0.232	-0.427	-0.598
4341	43.40	-0.711	-0.721	-0.594	-0.336	0.001	0.322	0.521	0.524	0.322	-0.017
4351	43.50	-0.373	-0.620	-0.678	-0.545	-0.300	-0.068	0.037	-0.042	-0.278	-0.571
4361	43.60	-0.797	-0.855	-0.717	-0.430	-0.098	0.164	0.281	0.247	0.117	-0.015
4371	43.70	-0.066	0.001	0.164	0.351	0.473	0.464	0.311	0.054	-0.227	-0.447
4381	43.80	-0.545	-0.508	-0.369	-0.191	-0.042	0.036	0.034	-0.018	-0.074	-0.089
4391	43.90	-0.041	0.063	0.191	0.304	0.370	0.385	0.367	0.350	0.366	0.426
4401	44.00	0.513	0.586	0.599	0.523	0.363	0.162	-0.014	-0.102	-0.069	0.070
4411	44.10	0.256	0.407	0.447	0.341	0.104	-0.197	-0.475	-0.651	-0.685	-0.587
4421	44.20	-0.406	-0.211	-0.061	0.014	0.016	-0.027	-0.080	-0.118	-0.134	-0.134
4431	44.30	-0.131	-0.133	-0.133	-0.119	-0.077	-0.004	0.086	0.167	0.204	0.174
4441	44.40	0.070	-0.092	-0.277	-0.440	-0.542	-0.560	-0.493	-0.364	-0.209	-0.070
4451	44.50	0.022	0.052	0.028	-0.024	-0.071	-0.080	-0.037	0.055	0.174	0.289
4461	44.60	0.368	0.390	0.348	0.246	0.099	-0.072	-0.245	-0.393	-0.488	-0.506
4471	44.70	-0.434	-0.282	-0.083	0.108	0.237	0.264	0.186	0.039	-0.116	-0.217
4481	44.80	-0.231	-0.167	-0.071	-0.004	-0.009	-0.087	-0.197	-0.275	-0.269	-0.171
4491	44.90	-0.022	0.105	0.141	0.062	-0.098	-0.255	-0.316	-0.229	-0.008	0.266

Table 7-91-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1283 S104-GR-1-12 HA. (HA.) TSUKINOKI BRIDGE MAX. ACC. = -25.282 (GAL) T= 8.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.481	0.545	0.432	0.195	-0.060	-0.222	-0.225	-0.081	0.130	0.300
4511	45.10	0.345	0.239	0.029	-0.198	-0.352	-0.382	-0.298	-0.150	-0.009	0.081
4521	45.20	0.110	0.109	0.119	0.168	0.250	0.329	0.355	0.295	0.153	-0.030
4531	45.30	-0.192	-0.273	-0.245	-0.122	0.044	0.184	0.242	0.192	0.053	-0.121
4541	45.40	-0.262	-0.308	-0.232	-0.048	0.188	0.399	0.514	0.494	0.347	0.128
4551	45.50	-0.080	-0.201	-0.194	-0.074	0.094	0.220	0.228	0.091	-0.155	-0.426
4561	45.60	-0.621	-0.666	-0.545	-0.307	-0.041	0.161	0.244	0.212	0.120	0.047
4571	45.70	0.057	0.164	0.333	0.491	0.563	0.508	0.333	0.092	-0.138	-0.292
4581	45.80	-0.337	-0.285	-0.178	-0.064	0.023	0.078	0.121	0.182	0.279	0.409
4591	45.90	0.539	0.628	0.639	0.559	0.408	0.232	0.079	-0.013	-0.037	-0.016
4601	46.00	0.010	0.001	-0.056	-0.150	-0.240	-0.284	-0.252	-0.147	-0.003	0.126
4611	46.10	0.190	0.164	0.056	-0.094	-0.238	-0.338	-0.384	-0.392	-0.392	-0.409
4621	46.20	-0.445	-0.477	-0.471	-0.398	-0.255	-0.073	0.094	0.192	0.189	0.090
4631	46.30	-0.059	-0.195	-0.262	-0.233	-0.122	0.029	0.165	0.247	0.264	0.235
4641	46.40	0.197	0.187	0.223	0.299	0.387	0.453	0.472	0.436	0.357	0.260
4651	46.50	0.170	0.104	0.069	0.061	0.070	0.092	0.123	0.164	0.213	0.262
4661	46.60	0.297	0.301	0.263	0.185	0.081	-0.020	-0.089	-0.105	-0.065	0.012
4671	46.70	0.096	0.152	0.160	0.119	0.050	-0.015	-0.050	-0.046	-0.017	0.004
4681	46.80	-0.016	-0.093	-0.218	-0.356	-0.463	-0.502	-0.467	-0.381	-0.290	-0.241
4691	46.90	-0.259	-0.334	-0.425	-0.479	-0.458	-0.354	-0.197	-0.041	0.062	0.085
4701	47.00	0.040	-0.032	-0.079	-0.066	0.008	0.107	0.180	0.183	0.106	-0.024
4711	47.10	-0.151	-0.221	-0.208	-0.126	-0.028	0.024	-0.014	-0.139	-0.303	-0.429
4721	47.20	-0.447	-0.328	-0.103	0.150	0.332	0.372	0.252	0.021	-0.226	-0.390
4731	47.30	-0.405	-0.272	-0.054	0.148	0.242	0.181	-0.017	-0.278	-0.501	-0.606
4741	47.40	-0.558	-0.385	-0.155	0.049	0.166	0.180	0.117	0.028	-0.034	-0.042

Table 7-92-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1284 S104-GR-1-12 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = 9.377 (GAL) T= 9.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.202	0.200	0.432	0.411	0.174	-0.134	-0.328	-0.271	0.057	0.541
11	0.10	0.974	1.147	0.945	0.399	-0.320	-0.967	-1.317	-1.254	-0.812	-0.150
21	0.20	0.508	0.961	1.095	0.910	0.502	0.015	-0.412	-0.688	-0.781	-0.710
31	0.30	-0.525	-0.283	-0.032	0.193	0.374	0.501	0.576	0.611	0.623	0.630
41	0.40	0.646	0.674	0.706	0.726	0.713	0.650	0.526	0.336	0.085	-0.209
51	0.50	-0.511	-0.767	-0.911	-0.888	-0.671	-0.287	0.186	0.631	0.936	1.034
61	0.60	0.933	0.712	0.486	0.353	0.363	0.407	0.435	0.327	0.047	-0.340
71	0.70	-0.683	-0.811	-0.623	-0.146	0.456	0.949	1.125	0.909	0.397	-0.176
81	0.80	-0.544	-0.534	-0.155	0.397	0.831	0.894	0.507	-0.189	-0.885	-1.241
91	0.90	-1.048	-0.337	0.624	1.436	1.745	1.401	0.529	-0.522	-1.334	-1.601
101	1.00	-1.258	-0.502	0.304	0.608	0.821	0.403	-0.184	-0.605	-0.623	-0.210
111	1.10	0.438	1.000	1.186	0.881	0.203	-0.549	-1.037	-1.037	-0.552	0.198
121	1.20	0.873	1.177	0.990	0.419	-0.256	-0.723	-0.785	-0.450	0.083	0.523
131	1.30	0.639	0.370	-0.150	-0.659	-0.907	-0.776	-0.340	0.175	0.515	0.525
141	1.40	0.239	-0.141	-0.344	-0.178	0.360	1.068	1.617	1.707	1.210	0.238
151	1.50	-0.893	-1.795	-2.174	-1.950	-1.281	-0.482	0.122	0.334	0.164	-0.199
161	1.60	-0.487	-0.488	-0.146	0.422	0.979	1.284	1.195	0.730	0.052	-0.606
171	1.70	-1.035	-1.132	-0.931	-0.566	-0.211	-0.004	0.009	-0.125	-0.299	-0.400
181	1.80	-0.367	-0.215	-0.027	0.095	0.079	-0.073	-0.277	-0.400	-0.319	0.016
191	1.90	0.543	1.100	1.478	1.504	1.115	0.395	-0.450	-1.169	-1.552	-1.515
201	2.00	-1.124	-0.558	-0.033	0.283	0.334	0.180	-0.046	-0.205	-0.213	-0.075
211	2.10	0.134	0.314	0.388	0.338	0.203	0.054	-0.049	-0.082	-0.072	-0.075
221	2.20	-0.149	-0.314	-0.542	-0.756	-0.854	-0.753	-0.421	0.092	0.660	1.108
231	2.30	1.274	1.070	0.526	-0.201	-0.871	-1.247	-1.188	-0.716	-0.016	0.632
241	2.40	0.961	0.840	0.322	-0.368	-0.939	-1.160	-0.962	-0.469	0.107	0.500
251	2.50	0.594	0.427	0.168	0.013	0.074	0.313	0.569	0.651	0.454	0.031
261	2.60	-0.421	-0.663	-0.541	-0.082	0.501	0.906	0.888	0.390	-0.417	-1.198
271	2.70	-1.601	-1.420	-0.687	0.338	1.281	1.807	1.755	1.189	0.349	-0.456
281	2.80	-0.977	-1.100	-0.865	-0.419	0.060	0.429	0.611	0.597	0.419	0.135
291	2.90	-0.189	-0.481	-0.671	-0.701	-0.567	-0.235	0.155	0.519	0.755	0.807
301	3.00	0.685	0.450	0.190	-0.020	-0.145	-0.196	-0.208	-0.220	-0.248	-0.285
311	3.10	-0.311	-0.309	-0.281	-0.243	-0.215	-0.203	-0.191	-0.149	-0.043	0.138
321	3.20	0.379	0.634	0.846	0.961	0.949	0.809	0.564	0.257	-0.060	-0.336
331	3.30	-0.523	-0.592	-0.536	-0.380	-0.178	-0.001	0.089	0.058	-0.075	-0.247
341	3.40	-0.366	-0.354	-0.176	0.136	0.495	0.782	0.900	0.806	0.529	0.161
351	3.50	-0.181	-0.403	-0.464	-0.398	-0.286	-0.226	-0.281	-0.449	-0.664	-0.819
361	3.60	-0.817	-0.614	-0.258	0.174	0.517	0.674	0.613	0.386	0.113	-0.085
371	3.70	-0.136	-0.051	0.077	0.132	0.031	-0.224	-0.536	-0.758	-0.763	-0.510
381	3.80	-0.073	0.382	0.669	0.665	0.371	-0.086	-0.504	-0.690	-0.543	-0.091
391	3.90	0.513	1.064	1.373	1.342	0.986	0.419	-0.192	-0.682	-0.939	-0.928
401	4.00	-0.691	-0.330	0.022	0.266	0.269	0.097	-0.188	-0.444	-0.527	-0.348
411	4.10	0.076	0.617	1.077	1.270	1.104	0.632	0.032	-0.462	-0.672	-0.551
421	4.20	-0.211	0.141	0.307	0.199	-0.110	-0.426	-0.538	-0.338	0.113	0.603
431	4.30	0.870	0.743	0.236	-0.442	-0.982	-1.124	-0.787	-0.119	0.571	0.961
441	4.40	0.873	0.359	-0.325	-0.843	-0.952	-0.612	-0.009	0.546	0.772	0.555
451	4.50	-0.000	-0.628	-1.043	-1.078	-0.756	-0.268	0.146	0.323	0.263	0.116
461	4.60	0.085	0.305	0.751	1.236	1.504	1.558	0.767	-0.107	-0.975	-1.548
471	4.70	-1.663	-1.341	-0.758	-0.154	0.282	0.480	0.491	0.425	0.375	0.367
481	4.80	0.364	0.313	0.204	0.051	0.069	0.206	0.485	0.787	0.936	0.795
491	4.90	0.350	-0.260	-0.794	-1.022	-0.845	-0.351	0.208	0.546	0.482	0.039

Table 7-92-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1284 S104-GR-1-12 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = 9.377 (GAL) T= 9.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.558	-0.985	-0.990	-0.520	0.242	0.954	1.282	1.067	0.404	-0.400
511	5.10	-0.969	-1.045	-0.606	0.120	0.772	1.029	0.764	0.102	-0.650	-1.151
521	5.20	-1.191	-0.782	-0.139	0.436	0.700	0.587	0.223	-0.155	-0.322	-0.185
531	5.30	0.178	0.564	0.755	0.629	0.223	-0.292	-0.695	-0.827	-0.662	-0.312
541	5.40	0.036	0.219	0.175	-0.033	-0.254	-0.341	-0.225	0.047	0.334	0.480
551	5.50	0.395	0.107	-0.246	-0.486	-0.481	-0.216	0.189	0.534	0.631	0.395
561	5.60	-0.106	-0.674	-1.064	-1.089	-0.714	-0.071	0.591	1.008	1.021	0.637
571	5.70	0.035	-0.522	-0.792	-0.667	-0.213	0.357	0.781	0.861	0.554	-0.014
581	5.80	-0.603	-0.962	-0.945	-0.572	-0.015	0.471	0.667	0.481	-0.012	-0.605
591	5.90	-1.049	-1.160	-0.899	-0.376	0.195	0.601	0.711	0.535	0.204	-0.096
601	6.00	-0.212	-0.094	0.188	0.485	0.641	0.568	0.283	-0.106	-0.454	-0.666
611	6.10	-0.847	-0.502	-0.303	-0.138	-0.044	0.001	0.050	0.148	0.291	0.425
621	6.20	0.474	0.388	0.179	-0.071	-0.250	-0.271	-0.125	0.105	0.287	0.303
631	6.30	0.117	-0.188	-0.447	-0.486	-0.217	0.308	0.899	1.302	1.314	0.876
641	6.40	0.112	-0.714	-1.308	-1.466	-1.164	-0.559	0.086	0.519	0.611	0.406
651	6.50	0.083	-0.140	-0.125	0.116	0.426	0.584	0.430	-0.043	-0.659	-1.132
661	6.60	-1.199	-0.752	0.087	1.001	1.608	1.630	1.029	0.034	-0.946	-1.507
671	6.70	-1.425	-0.770	0.131	0.845	1.033	0.618	-0.178	-0.937	-1.253	-0.927
681	6.80	-0.078	0.910	1.568	1.572	0.903	-0.130	-1.041	-1.394	-1.020	-0.100
691	6.90	0.919	1.541	1.463	0.724	-0.313	-1.144	-1.369	-0.893	0.027	0.910
701	7.00	1.290	0.954	0.050	-0.981	-1.616	-1.509	-0.666	0.553	1.596	1.977
711	7.10	1.503	0.363	-0.961	-1.918	-2.128	-1.549	-0.467	0.644	1.353	1.451
721	7.20	1.028	0.394	-0.092	-0.196	0.083	0.538	0.870	0.850	0.430	-0.238
731	7.30	-0.876	-1.219	-1.134	-0.671	-0.031	0.529	0.807	0.729	0.358	-0.149
741	7.40	-0.612	-0.889	-0.909	-0.677	-0.249	0.281	0.795	1.169	1.294	1.115
751	7.50	0.664	0.071	-0.460	-0.732	-0.635	-0.216	0.330	0.727	0.753	0.349
761	7.60	-0.332	-0.984	-1.281	-1.044	-0.338	0.537	1.177	1.262	0.714	-0.249
771	7.70	-1.208	-1.725	-1.547	-0.726	0.413	1.409	1.880	1.677	0.931	-0.026
781	7.80	-0.833	-1.257	-1.280	-1.065	-0.841	-0.769	-0.857	-0.965	-0.899	-0.522
791	7.90	0.151	0.946	1.590	1.827	1.523	0.721	-0.367	-1.432	-2.166	-2.353
801	8.00	-1.934	-1.015	0.158	1.275	2.047	2.292	1.984	1.256	0.341	-0.521
811	8.10	-1.169	-1.571	-1.801	-1.959	-2.076	-2.057	-1.711	-0.858	0.538	2.276
821	8.20	3.936	5.021	5.160	4.284	2.677	0.872	-0.579	-1.344	-1.440	-1.193
831	8.30	-1.036	-1.255	-1.808	-2.330	-2.314	-1.399	0.402	2.639	4.576	5.495
841	8.40	5.006	3.216	0.681	-1.837	-3.685	-4.558	-4.561	-4.077	-3.516	-3.096
851	8.50	-2.753	-2.221	-1.237	0.252	1.992	3.489	4.213	3.843	2.431	0.403
861	8.60	-1.606	-3.016	-3.530	-3.240	-2.542	-1.919	-1.674	-1.759	-1.787	-1.223
871	8.70	0.309	2.761	5.569	7.810	8.562	7.327	4.313	0.436	-3.005	-4.856
881	8.80	-4.622	-2.709	-0.279	1.268	0.946	-1.307	-4.546	-7.199	-7.782	-5.616
891	8.90	-1.208	3.903	7.785	8.953	7.025	2.887	-1.710	-4.930	-5.648	-3.890
901	9.00	-0.726	2.293	3.875	3.549	1.772	-0.398	-1.888	-2.139	-1.309	-0.103
911	9.10	0.655	0.462	-0.654	-2.206	-3.545	-4.182	-3.951	-2.973	-1.466	0.412
921	9.20	2.599	5.001	7.322	9.007	9.377	7.946	4.745	0.461	-3.736	-6.637
931	9.30	-7.502	-6.387	-4.105	-1.837	-0.565	-0.628	-1.609	-2.608	-2.746	-1.629
941	9.40	0.467	2.771	4.435	4.964	4.410	3.264	2.111	1.293	0.757	0.179
951	9.50	-0.723	-1.919	-3.000	-3.401	-2.766	-1.247	0.477	1.499	1.170	-0.506
961	9.60	-2.792	-4.544	-4.781	-3.201	-0.379	2.507	4.262	4.287	2.885	1.085
971	9.70	0.081	0.564	2.328	4.349	5.312	4.314	1.362	-2.592	-6.103	-7.938
981	9.80	-7.661	-5.802	-3.517	-1.945	-1.602	-2.138	-2.578	-1.913	0.291	3.598
991	9.90	6.878	8.868	8.807	6.813	3.804	1.005	-0.684	-1.120	-0.929	-1.086

Table 7−92−3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1284 S104-GR-1-12 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = 9.377 (GAL) T= 9.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-2.302	-4.560	-7.044	-8.517	-7.751	-5.082	-0.641	3.993	7.321	8.403
1011	10.10	7.219	4.595	1.762	-0.241	-0.985	-0.748	-0.230	-0.111	-0.661	-1.625
1021	10.20	-2.406	-2.441	-1.525	0.047	1.625	2.538	2.416	1.362	-0.124	-1.400
1031	10.30	-1.992	-1.780	-1.001	-0.081	0.594	0.862	0.720	0.424	0.141	-0.056
1041	10.40	-0.217	-0.439	-0.762	-1.121	-1.372	-1.381	-1.114	-0.672	-0.231	0.052
1051	10.50	0.134	0.104	0.116	0.282	0.582	0.865	0.927	0.647	0.081	-0.538
1061	10.60	-0.904	-0.802	-0.234	0.559	1.199	1.359	0.927	0.074	-0.824	-1.359
1071	10.70	-1.288	-0.636	0.319	1.193	1.669	1.630	1.181	0.564	0.016	-0.337
1081	10.80	-0.511	-0.609	-0.720	-0.843	-0.883	-0.708	-0.246	0.451	1.207	1.799
1091	10.90	2.052	1.920	1.491	0.930	0.385	-0.081	-0.502	-0.961	-1.507	-2.104
1101	11.00	-2.621	-2.888	-2.776	-2.253	-1.402	-0.372	0.677	1.632	2.429	3.021
1111	11.10	3.348	3.317	2.846	1.924	0.676	-0.641	-1.703	-2.241	-2.166	-1.616
1121	11.20	-0.911	-0.416	-0.370	-0.775	-1.388	-1.834	-1.783	-1.114	0.018	1.246
1131	11.30	2.150	2.443	2.090	1.313	0.469	-0.121	-0.313	-0.199	-0.028	-0.066
1141	11.40	-0.443	-1.072	-1.681	-1.936	-1.606	-0.678	0.624	1.917	2.813	3.061
1151	11.50	2.634	1.712	0.589	-0.447	-1.212	-1.663	-1.855	-1.874	-1.767	-1.521
1161	11.60	-1.093	-0.464	0.298	1.034	1.534	1.625	1.249	0.508	-0.357	-1.052
1171	11.70	-1.342	-1.138	-0.531	9.244	0.908	1.240	1.162	0.750	0.192	-0.300
1181	11.80	-0.577	-0.599	-0.430	-0.194	-0.001	0.099	0.127	0.142	0.195	0.282
1191	11.90	0.333	0.249	-0.049	-0.556	-1.170	-1.707	-1.972	-1.830	-1.268	-0.398
1201	12.00	0.572	1.417	1.960	2.126	1.940	1.499	0.920	0.304	-0.285	-0.808
1211	12.10	-1.239	-1.542	-1.675	-1.604	-1.322	-0.865	-0.305	0.268	0.762	1.102
1221	12.20	1.231	1.118	0.756	0.179	-0.527	-1.216	-1.712	-1.857	-1.577	-0.933
1231	12.30	-0.115	0.612	1.013	0.989	0.627	0.170	-0.088	0.056	0.611	1.376
1241	12.40	2.026	2.262	1.954	1.209	0.316	-0.392	-0.704	-0.632	-0.394	-0.297
1251	12.50	-0.561	-1.194	-1.963	-2.507	-2.503	-1.836	-0.662	0.653	1.700	2.198
1261	12.60	2.112	1.635	1.076	0.694	0.579	0.628	0.624	0.376	-0.172	-0.897
1271	12.70	-1.559	-1.923	-1.870	-1.451	-0.855	-0.309	0.030	0.137	0.115	0.120
1281	12.80	0.274	0.598	1.007	1.350	1.486	1.349	0.964	0.435	-0.106	-0.566
1291	12.90	-0.819	-0.912	-0.848	-0.670	-0.425	-0.156	0.100	0.312	0.462	0.550
1301	13.00	0.589	0.596	0.583	0.546	0.475	0.359	0.209	0.058	-0.042	-0.065
1311	13.10	0.066	0.265	0.485	0.643	0.668	0.526	0.230	-0.172	-0.608	-1.003
1321	13.20	-1.291	-1.425	-1.385	-1.184	-0.874	-0.547	-0.302	-0.218	-0.306	-0.498
1331	13.30	-0.660	-0.650	-0.385	0.107	0.681	1.135	1.295	1.106	0.660	0.162
1341	13.40	-0.170	-0.207	0.019	0.338	0.528	0.435	0.065	-0.416	-0.755	-0.747
1351	13.50	-0.343	0.316	0.955	1.301	1.211	0.738	0.104	-0.413	-0.611	-0.454
1361	13.60	-0.072	0.324	0.553	0.560	0.423	0.293	0.285	0.404	0.531	0.495
1371	13.70	0.177	-0.397	-1.048	-1.515	-1.578	-1.175	-0.445	0.327	0.839	0.911
1381	13.80	0.568	0.021	-0.431	-0.553	-0.285	0.237	0.748	0.988	0.823	0.312
1391	13.90	-0.333	-0.851	-1.059	-0.933	-0.609	-0.301	-0.185	-0.308	-0.566	-0.763
1401	14.00	-0.719	-0.374	0.170	0.689	0.948	0.813	0.330	-0.290	-0.764	-0.868
1411	14.10	-0.544	0.068	0.692	1.040	0.942	0.421	-0.319	-0.991	-1.349	-1.293
1421	14.20	-0.894	-0.347	0.136	0.417	0.489	0.446	0.418	0.489	0.649	0.812
1431	14.30	0.872	0.771	0.538	0.270	0.080	0.026	0.078	0.133	0.081	-0.125
1441	14.40	-0.431	-0.697	-0.768	-0.556	-0.097	0.455	0.899	1.078	0.952	0.613
1451	14.50	0.235	-0.019	-0.075	0.018	0.126	0.109	-0.096	-0.440	-0.777	-0.944
1461	14.60	-0.845	-0.501	-0.042	0.354	0.550	0.507	0.300	0.071	-0.042	0.026
1471	14.70	0.240	0.489	0.642	0.609	0.378	0.012	-0.384	-0.708	-0.897	-0.935
1481	14.80	-0.847	-0.675	-0.463	-0.249	-0.061	0.075	0.152	0.177	0.182	0.212
1491	14.90	0.300	0.447	0.607	0.697	0.636	0.388	-0.009	-0.440	-0.761	-0.857

Table 7−92−4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1284 S104-GR-1-12 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = 9.377 (GAL) T= 9.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.702	-0.380	-0.048	0.132	0.068	-0.209	-0.557	-0.791	-0.764	-0.449
1511	15.10	0.050	0.539	0.825	0.806	0.515	0.105	-0.228	-0.340	-0.207	0.070
1521	15.20	0.318	0.381	0.202	-0.152	-0.528	-0.760	-0.763	-0.568	-0.304	-0.130
1531	15.30	-0.142	-0.319	-0.528	-0.589	-0.374	0.121	0.754	1.299	1.541	1.380
1541	15.40	0.879	0.238	-0.295	-0.541	-0.466	-0.190	0.075	0.138	-0.073	-0.470
1551	15.50	-0.845	-0.970	-0.710	-0.096	0.681	1.352	1.679	1.566	1.088	0.454
1561	15.60	-0.087	-0.364	-0.343	-0.131	0.089	0.152	-0.098	-0.333	-0.678	-0.884
1571	15.70	-0.860	-0.620	-0.274	0.028	0.173	0.130	-0.039	-0.218	-0.295	-0.219
1581	15.80	-0.013	0.236	0.430	0.497	0.426	0.254	0.048	-0.136	-0.270	-0.354
1591	15.90	-0.401	-0.415	-0.391	-0.314	-0.189	-0.049	0.047	0.037	-0.113	-0.373
1601	16.00	-0.658	-0.845	-0.833	-0.583	-0.142	0.368	0.803	1.054	1.084	0.943
1611	16.10	0.728	0.534	0.408	0.333	0.245	0.081	-0.175	-0.474	-0.717	-0.799
1621	16.20	-0.667	-0.345	0.068	0.437	0.651	0.666	0.518	0.297	0.105	0.005
1631	16.30	-0.001	0.040	0.062	0.023	-0.072	-0.177	-0.224	-0.167	-0.002	0.228
1641	16.40	0.447	0.585	0.596	0.478	0.267	0.016	-0.219	-0.399	-0.499	-0.517
1651	16.50	-0.460	-0.352	-0.224	-0.114	-0.054	-0.056	-0.106	-0.161	-0.168	-0.087
1661	16.60	0.084	0.302	0.487	0.560	0.476	0.247	-0.054	-0.324	-0.474	-0.466
1671	16.70	-0.327	-0.139	0.003	0.034	-0.052	-0.207	-0.352	-0.416	-0.373	-0.249
1681	16.80	-0.103	0.002	0.035	0.011	-0.023	-0.008	0.090	0.262	0.456	0.600
1691	16.90	0.629	0.513	0.272	-0.037	-0.332	-0.539	-0.615	-0.555	-0.394	-0.191
1701	17.00	-0.008	0.110	0.151	0.140	0.132	0.181	0.322	0.542	0.781	0.947
1711	17.10	0.955	0.761	0.393	-0.054	-0.452	-0.689	-0.717	-0.573	-0.360	-0.198
1721	17.20	-0.162	-0.247	-0.369	-0.407	-0.267	0.064	0.503	0.903	1.121	1.084
1731	17.30	0.819	0.445	0.111	-0.076	-0.092	-0.005	0.072	0.043	-0.116	-0.345
1741	17.40	-0.540	-0.605	-0.510	-0.306	-0.095	0.024	0.012	-0.092	-0.199	-0.218
1751	17.50	-0.118	0.057	0.206	0.233	0.104	-0.125	-0.332	-0.392	-0.243	0.072
1761	17.60	0.424	0.653	0.649	0.404	0.014	-0.372	-0.622	-0.682	-0.594	-0.458
1771	17.70	-0.369	-0.364	-0.401	-0.396	-0.271	-0.017	0.299	0.559	0.659	0.556
1781	17.80	0.300	0.001	-0.224	-0.312	-0.277	-0.194	-0.147	-0.176	-0.250	-0.288
1791	17.90	-0.208	0.017	0.336	0.632	0.787	0.736	0.503	0.193	-0.068	-0.189
1801	18.00	-0.159	-0.049	0.039	0.023	-0.104	-0.281	-0.410	-0.414	-0.280	-0.068
1811	18.10	0.124	0.217	0.191	0.098	0.032	0.074	0.238	0.465	0.638	0.645
1821	18.20	0.430	0.030	-0.446	-0.851	-1.071	-1.059	-0.849	-0.534	-0.222	0.003
1831	18.30	0.107	0.099	0.018	-0.090	-0.189	-0.252	-0.262	-0.209	-0.094	0.066
1841	18.40	0.237	0.366	0.404	0.320	0.122	-0.143	-0.402	-0.582	-0.634	-0.554
1851	18.50	-0.377	-0.164	0.023	0.143	0.188	0.178	0.151	0.143	0.174	0.238
1861	18.60	0.309	0.352	0.333	0.235	0.070	-0.126	-0.301	-0.398	-0.380	-0.240
1871	18.70	-0.003	0.278	0.546	0.755	0.884	0.936	0.929	0.879	0.788	0.650
1881	18.80	0.457	0.220	-0.025	-0.221	-0.317	-0.288	-0.160	-0.003	0.091	0.052
1891	18.90	-0.132	-0.406	-0.664	-0.792	-0.724	-0.467	-0.105	0.236	0.446	0.476
1901	19.00	0.354	0.167	0.016	-0.038	-0.001	0.063	0.068	-0.039	-0.248	-0.482
1911	19.10	-0.635	-0.627	-0.449	-0.174	0.069	0.160	0.044	-0.235	-0.551	-0.749
1921	19.20	-0.719	-0.450	-0.038	0.355	0.572	0.535	0.276	-0.080	-0.373	-0.483
1931	19.30	-0.387	-0.159	0.069	0.179	0.127	-0.031	-0.170	-0.162	0.056	0.438
1941	19.40	0.849	1.117	1.118	0.831	0.354	-0.139	-0.474	-0.550	-0.382	-0.087
1951	19.50	0.174	0.272	0.166	-0.087	-0.361	-0.525	-0.506	-0.317	-0.042	0.206
1961	19.60	0.339	0.334	0.232	0.111	0.039	0.040	0.087	0.120	0.087	-0.023
1971	19.70	-0.166	-0.271	-0.268	-0.138	0.076	0.278	0.367	0.285	0.053	-0.229
1981	19.80	-0.425	-0.419	-0.173	0.246	0.689	0.983	1.006	0.736	0.267	-0.235
1991	19.90	-0.601	-0.725	-0.612	-0.359	-0.106	0.033	0.023	-0.080	-0.172	-0.157

Table 7-92-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1284 S104-GR-1-12 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = 9.377 (GAL) T= 9.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.008	0.219	0.406	0.445	0.292	0.002	-0.290	-0.438	-0.355	-0.064
2011	20.10	0.308	0.582	0.617	0.374	-0.059	-0.511	-0.804	-0.837	-0.634	-0.323
2021	20.20	-0.074	-0.014	-0.167	-0.444	-0.688	-0.754	-0.576	-0.197	0.254	0.622
2031	20.30	0.797	0.756	0.562	0.326	0.151	0.091	0.131	0.212	0.265	0.251
2041	20.40	0.170	0.059	-0.034	-0.075	-0.057	0.002	0.077	0.146	0.202	0.245
2051	20.50	0.279	0.299	0.294	0.252	0.167	0.047	-0.087	-0.209	-0.297	-0.335
2061	20.60	-0.320	-0.255	-0.149	-0.017	0.116	0.220	0.260	0.213	0.082	-0.098
2071	20.70	-0.264	-0.352	-0.319	-0.174	0.023	0.181	0.214	0.082	-0.187	-0.503
2081	20.80	-0.754	-0.852	-0.770	-0.554	-0.295	-0.090	0.010	0.020	0.003	0.042
2091	20.90	0.183	0.410	0.650	0.805	0.806	0.645	0.389	0.145	0.011	0.027
2101	21.00	0.154	0.296	0.346	0.244	0.010	-0.261	-0.445	-0.446	-0.250	0.069
2111	21.10	0.375	0.538	0.488	0.250	-0.071	-0.339	-0.449	-0.376	-0.177	0.039
2121	21.20	0.169	0.166	0.056	-0.081	-0.157	-0.131	-0.025	0.087	0.118	0.023
2131	21.30	-0.174	-0.389	-0.519	-0.492	-0.310	-0.047	0.185	0.290	0.237	0.072
2141	21.40	-0.106	-0.198	-0.154	-0.003	0.166	0.251	0.187	-0.014	-0.272	-0.475
2151	21.50	-0.535	-0.429	-0.211	0.021	0.168	0.179	0.071	-0.090	-0.220	-0.266
2161	21.60	-0.223	-0.131	-0.044	0.001	0.007	0.010	0.051	0.151	0.287	0.403
2171	21.70	0.438	0.354	0.163	-0.078	-0.291	-0.412	-0.417	-0.325	-0.189	-0.060
2181	21.80	0.031	0.084	0.117	0.152	0.195	0.235	0.256	0.250	0.226	0.210
2191	21.90	0.222	0.265	0.309	0.309	0.224	0.048	-0.184	-0.401	-0.535	-0.547
2201	22.00	-0.453	-0.311	-0.192	-0.140	-0.144	-0.146	-0.079	0.096	0.350	0.591
2211	22.10	0.703	0.605	0.293	-0.143	-0.558	-0.813	-0.833	-0.644	-0.351	-0.082
2221	22.20	0.069	0.091	0.046	0.026	0.096	0.254	0.427	0.517	0.457	0.254
2231	22.30	-0.009	-0.213	-0.272	-0.172	0.011	0.156	0.158	-0.009	-0.278	-0.521
2241	22.40	-0.615	-0.508	-0.245	0.056	0.270	0.326	0.249	0.137	0.101	0.200
2251	22.50	0.396	0.576	0.608	0.422	0.056	-0.351	-0.625	-0.637	-0.377	0.038
2261	22.60	0.418	0.591	0.482	0.151	-0.243	-0.518	-0.560	-0.373	-0.068	0.200
2271	22.70	0.310	0.237	0.055	-0.108	-0.142	-0.016	0.209	0.413	0.482	0.368
2281	22.80	0.115	-0.163	-0.340	-0.338	-0.160	0.111	0.358	0.482	0.441	0.265
2291	22.90	0.028	-0.190	-0.334	-0.391	-0.384	-0.344	-0.295	-0.238	-0.163	-0.062
2301	23.00	0.060	0.179	0.264	0.293	0.260	0.183	0.089	0.008	-0.044	-0.065
2311	23.10	-0.063	-0.048	-0.025	0.009	0.057	0.115	0.174	0.220	0.238	0.224
2321	23.20	0.181	0.120	0.051	-0.021	-0.096	-0.173	-0.243	-0.288	-0.285	-0.214
2331	23.30	-0.078	0.095	0.256	0.351	0.345	0.235	0.062	-0.111	-0.217	-0.216
2341	23.40	-0.111	0.052	0.207	0.292	0.280	0.185	0.061	-0.031	-0.044	0.031
2351	23.50	0.161	0.286	0.346	0.306	0.173	-0.012	-0.187	-0.301	-0.329	-0.284
2361	23.60	-0.205	-0.137	-0.106	-0.108	-0.112	-0.075	0.030	0.197	0.384	0.522
2371	23.70	0.551	0.436	0.195	-0.113	-0.402	-0.594	-0.669	-0.573	-0.417	-0.251
2381	23.80	-0.135	-0.093	-0.111	-0.144	-0.143	-0.080	0.036	0.165	0.250	0.245
2391	23.90	0.135	-0.050	-0.250	-0.397	-0.440	-0.369	-0.214	-0.038	0.093	0.136
2401	24.00	0.087	-0.015	-0.109	-0.135	-0.062	0.096	0.289	0.446	0.508	0.451
2411	24.10	0.293	0.093	-0.079	-0.168	-0.152	-0.050	0.089	0.211	0.277	0.281
2421	24.20	0.242	0.194	0.161	0.147	0.132	0.083	-0.025	-0.191	-0.382	-0.542
2431	24.30	-0.613	-0.558	-0.382	-0.124	0.144	0.354	0.455	0.438	0.329	0.178
2441	24.40	0.037	-0.058	-0.100	-0.105	-0.102	-0.118	-0.160	-0.218	-0.269	-0.289
2451	24.50	-0.266	-0.209	-0.139	-0.085	-0.065	-0.081	-0.115	-0.142	-0.138	-0.097
2461	24.60	-0.030	0.039	0.086	0.100	0.087	0.069	0.068	0.092	0.130	0.150
2471	24.70	0.123	0.033	-0.103	-0.247	-0.350	-0.378	-0.333	-0.249	-0.181	-0.174
2481	24.80	-0.237	-0.333	-0.397	-0.366	-0.214	0.030	0.291	0.477	0.524	0.425
2491	24.90	0.236	0.047	-0.057	-0.043	0.063	0.185	0.238	0.176	0.014	-0.178

Table 7-92-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1284 S104-GR-1-12 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = 9.377 (GAL) T= 9.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.304	-0.295	-0.138	0.119	0.383	0.565	0.609	0.519	0.342	0.145
2511	25.10	-0.016	-0.116	-0.157	-0.158	-0.132	-0.084	-0.012	0.081	0.175	0.237
2521	25.20	0.236	0.160	0.031	-0.107	-0.201	-0.222	-0.175	-0.096	-0.033	-0.014
2531	25.30	-0.033	-0.053	-0.032	0.047	0.152	0.218	0.172	-0.018	-0.314	-0.618
2541	25.40	-0.802	-0.773	-0.514	-0.099	0.337	0.656	0.773	0.690	0.482	0.253
2551	25.50	0.079	-0.018	-0.074	-0.144	-0.257	-0.391	-0.479	-0.451	-0.281	-0.015
2561	25.60	0.243	0.377	0.326	0.114	-0.150	-0.327	-0.316	-0.109	0.204	0.475
2571	25.70	0.578	0.472	0.217	-0.052	-0.206	-0.184	-0.031	0.134	0.186	0.068
2581	25.80	-0.169	-0.392	-0.454	-0.277	0.092	0.500	0.759	0.742	0.453	0.027
2591	25.90	-0.332	-0.460	-0.317	-0.007	0.276	0.355	0.169	-0.188	-0.510	-0.592
2601	26.00	-0.343	0.148	0.649	0.894	0.723	0.178	-0.508	-1.007	-1.063	-0.621
2611	26.10	0.136	0.865	1.229	1.055	0.426	-0.362	-0.939	-1.048	-0.666	-0.015
2621	26.20	0.549	0.724	0.410	-0.232	-0.865	-1.147	-0.902	-0.217	0.594	1.150
2631	26.30	1.180	0.669	-0.143	-0.872	-1.177	-0.923	-0.243	0.534	1.044	1.062
2641	26.40	0.603	-0.099	-0.710	-0.960	-0.764	-0.251	0.321	0.692	0.725	0.455
2651	26.50	0.052	-0.277	-0.394	-0.293	-0.069	0.132	0.208	0.144	0.011	-0.089
2661	26.60	-0.079	0.041	0.210	0.338	0.357	0.259	0.085	-0.097	-0.237	-0.317
2671	26.70	-0.351	-0.355	-0.330	-0.255	-0.107	0.109	0.345	0.523	0.567	0.453
2681	26.80	0.225	-0.017	-0.169	-0.176	-0.069	0.056	0.089	-0.024	-0.243	-0.446
2691	26.90	-0.492	-0.308	0.060	0.457	0.687	0.619	0.261	-0.228	-0.612	-0.694
2701	27.00	-0.421	0.085	0.574	0.798	0.633	0.147	-0.430	-0.819	-0.832	-0.468
2711	27.10	0.087	0.550	0.688	0.432	-0.087	-0.609	-0.871	-0.741	-0.280	0.293
2721	27.20	0.716	0.811	0.570	0.147	-0.228	-0.365	-0.216	0.119	0.444	0.577
2731	27.30	0.441	0.096	-0.299	-0.573	-0.632	-0.498	-0.285	-0.131	-0.121	-0.241
2741	27.40	-0.399	-0.477	-0.402	-0.187	0.079	0.283	0.369	0.279	0.144	0.043
2751	27.50	0.040	0.128	0.235	0.268	0.166	-0.052	-0.302	-0.469	-0.475	-0.320
2761	27.60	-0.087	0.102	0.148	0.028	-0.190	-0.388	-0.456	-0.353	-0.125	0.113
2771	27.70	0.245	0.212	0.045	-0.153	-0.266	-0.220	-0.030	0.212	0.386	0.406
2781	27.80	0.272	0.061	-0.106	-0.134	-0.004	0.218	0.415	0.483	0.384	0.172
2791	27.90	-0.044	-0.152	-0.101	0.075	0.276	0.389	0.353	0.189	-0.008	-0.126
2801	28.00	-0.096	0.066	0.263	0.371	0.303	0.059	-0.267	-0.534	-0.620	-0.487
2811	28.10	-0.198	0.115	0.318	0.338	0.198	-0.000	-0.136	-0.133	0.003	0.187
2821	28.20	0.310	0.296	0.147	-0.061	-0.214	-0.230	-0.099	0.106	0.265	0.277
2831	28.30	0.108	-0.190	-0.503	-0.714	-0.758	-0.643	-0.453	-0.284	-0.197	-0.195
2841	28.40	-0.218	-0.191	-0.062	0.138	0.356	0.493	0.685	0.327	0.081	-0.156
2851	28.50	-0.297	-0.306	-0.209	-0.076	0.027	0.057	0.028	-0.008	0.005	0.095
2861	28.60	0.245	0.396	0.483	0.460	0.326	0.124	-0.079	-0.225	-0.285	-0.266
2871	28.70	-0.202	-0.135	-0.091	-0.078	-0.082	-0.083	-0.063	-0.012	0.071	0.181
2881	28.80	0.307	0.436	0.545	0.605	0.591	0.490	0.311	0.094	-0.105	-0.233
2891	28.90	-0.260	-0.193	-0.074	0.034	0.080	0.041	-0.067	-0.196	-0.295	-0.327
2901	29.00	-0.288	-0.203	-0.108	-0.034	0.006	0.021	0.033	0.055	0.087	0.115
2911	29.10	0.121	0.098	0.058	0.024	0.022	0.060	0.123	0.174	0.175	0.107
2921	29.20	-0.017	-0.151	-0.238	-0.237	-0.143	0.010	0.158	0.237	0.217	0.107
2931	29.30	-0.045	-0.176	-0.242	-0.234	-0.181	-0.131	-0.124	-0.166	-0.230	-0.266
2941	29.40	-0.228	-0.104	0.080	0.265	0.388	0.413	0.345	0.230	0.129	0.088
2951	29.50	0.110	0.171	0.215	0.198	0.112	-0.012	-0.117	-0.151	-0.096	0.016
2961	29.60	0.117	0.136	0.032	-0.179	-0.428	-0.625	-0.694	-0.613	-0.419	-0.191
2971	29.70	-0.014	0.067	0.063	0.034	0.056	0.177	0.389	0.626	0.792	0.808
2981	29.80	0.646	0.353	0.028	-0.218	-0.310	-0.241	-0.075	0.088	0.153	0.078
2991	29.90	-0.111	-0.333	-0.486	-0.498	-0.354	-0.103	0.164	0.357	0.419	0.351

Table 7-92-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1284 S104-GR-1-12 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = 9.377 (GAL) T= 9.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	0.200	0.636	-0.082	-0.132	-0.133	-0.129	-0.161	-0.247	-0.364	-0.467
3011	30.10	-0.502	-0.441	-0.295	-0.108	0.057	0.147	0.147	0.079	-0.001	-0.039
3021	30.20	-0.002	0.098	0.215	0.288	0.270	0.154	-0.022	-0.191	-0.286	-0.274
3031	30.30	-0.171	-0.031	0.073	0.090	0.015	-0.105	-0.196	-0.190	-0.058	0.169
3041	30.40	0.418	0.600	0.654	0.573	0.407	0.238	0.141	0.148	0.234	0.328
3051	30.50	0.351	0.256	0.045	-0.214	-0.432	-0.533	-0.488	-0.327	-0.128	0.023
3061	30.60	0.070	0.005	-0.128	-0.256	-0.317	-0.283	-0.174	-0.044	0.046	0.058
3071	30.70	-0.009	-0.122	-0.228	-0.283	-0.271	-0.205	-0.124	-0.067	-0.057	-0.090
3081	30.80	-0.140	-0.171	-0.155	-0.089	0.009	0.103	0.157	0.148	0.075	-0.037
3091	30.90	-0.150	-0.227	-0.243	-0.195	-0.103	0.001	0.081	0.115	0.098	0.042
3101	31.00	-0.024	-0.073	-0.083	-0.048	0.021	0.107	0.189	0.251	0.288	0.301
3111	31.10	0.293	0.268	0.223	0.157	0.076	-0.008	-0.074	-0.099	-0.073	-0.001
3121	31.20	0.090	0.164	0.188	0.150	0.065	-0.025	-0.075	-0.051	0.045	0.177
3131	31.30	0.267	0.319	0.248	0.094	-0.086	-0.219	-0.251	-0.169	-0.013	0.146
3141	31.40	0.235	0.217	0.104	-0.046	-0.155	-0.168	-0.076	0.076	0.208	0.244
3151	31.50	0.151	-0.049	-0.286	-0.469	-0.536	-0.475	-0.330	-0.183	-0.105	-0.132
3161	31.60	-0.241	-0.366	-0.429	-0.377	-0.210	0.022	0.243	0.383	0.407	0.332
3171	31.70	0.209	0.100	0.045	0.049	0.083	0.103	0.073	-0.015	-0.138	-0.254
3181	31.80	-0.323	-0.325	-0.269	-0.184	-0.109	-0.072	-0.079	-0.111	-0.134	-0.109
3191	31.90	-0.015	0.150	0.357	0.559	0.699	0.733	0.645	0.454	0.216	0.094
3201	32.00	-0.118	-0.118	-0.015	0.127	0.227	0.216	0.075	-0.154	-0.382	-0.509
3211	32.10	-0.470	-0.268	0.026	0.301	0.455	0.438	0.278	0.065	-0.095	-0.124
3221	32.20	-0.016	0.175	0.343	0.399	0.306	0.093	-0.156	-0.349	-0.423	-0.376
3231	32.30	-0.256	-0.149	-0.091	-0.131	-0.234	-0.347	-0.413	-0.398	-0.304	-0.156
3241	32.40	0.010	0.167	0.304	0.416	0.498	0.537	0.513	0.410	0.232	0.005
3251	32.50	-0.226	-0.414	-0.527	-0.557	-0.526	-0.464	-0.401	-0.348	-0.300	-0.242
3261	32.60	-0.160	-0.054	0.064	0.175	0.262	0.316	0.335	0.322	0.275	0.195
3271	32.70	0.084	-0.044	-0.161	-0.231	-0.221	-0.123	0.044	0.233	0.384	0.451
3281	32.80	0.418	0.305	0.161	0.039	-0.021	-0.013	0.042	0.110	0.156	0.165
3291	32.90	0.142	0.105	0.076	0.065	0.074	0.093	0.112	0.126	0.136	0.147
3301	33.00	0.166	0.192	0.223	0.249	0.264	0.259	0.230	0.171	0.084	-0.025
3311	33.10	-0.139	-0.234	-0.284	-0.274	-0.207	-0.109	-0.021	0.014	-0.025	-0.131
3321	33.20	-0.263	-0.368	-0.395	-0.324	-0.171	0.018	0.186	0.289	0.310	0.262
3331	33.30	0.174	0.077	-0.014	-0.102	-0.201	-0.317	-0.445	-0.558	-0.622	-0.611
3341	33.40	-0.517	-0.360	-0.179	-0.017	0.097	0.154	0.171	0.176	0.195	0.241
3351	33.50	0.307	0.370	0.404	0.388	0.316	0.198	0.055	-0.087	-0.208	-0.293
3361	33.60	-0.340	-0.351	-0.332	-0.288	-0.223	-0.141	-0.050	0.038	0.108	0.146
3371	33.70	0.147	0.115	0.067	0.023	-0.002	-0.003	0.006	0.004	-0.029	-0.097
3381	33.80	-0.183	-0.254	-0.271	-0.210	-0.078	0.088	0.235	0.313	0.302	0.218
3391	33.90	0.106	0.021	-0.001	0.040	0.112	0.165	0.159	0.085	-0.033	-0.148
3401	34.00	-0.215	-0.216	-0.169	-0.112	-0.089	-0.121	-0.199	-0.286	-0.340	-0.336
3411	34.10	-0.278	-0.199	-0.137	-0.122	-0.152	-0.198	-0.220	-0.188	-0.094	0.039
3421	34.20	0.173	0.275	0.326	0.331	0.307	0.273	0.238	0.195	0.133	0.069
3431	34.30	-0.050	-0.139	-0.193	-0.199	-0.161	-0.103	-0.056	-0.039	-0.053	-0.074
3441	34.40	-0.070	-0.015	0.094	0.235	0.365	0.441	0.433	0.335	0.169	-0.028
3451	34.50	-0.215	-0.353	-0.417	-0.394	-0.286	-0.110	0.104	0.312	0.464	0.518
3461	34.60	0.453	0.279	0.038	-0.206	-0.390	-0.469	-0.433	-0.309	-0.147	-0.006
3471	34.70	0.072	0.071	0.006	-0.086	-0.160	-0.179	-0.126	-0.006	0.155	0.317
3481	34.80	0.436	0.481	0.440	0.324	0.167	0.017	-0.086	-0.118	-0.084	-0.016
3491	34.90	0.046	0.064	0.025	-0.052	-0.131	-0.170	-0.147	-0.066	0.038	0.122

Table 7-92-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1284 S104-GR-1-12 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = 9.377 (GAL) T= 9.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.152	0.123	0.059	0.006	0.005	0.073	0.191	0.316	0.395	0.392
3511	35.10	0.303	0.158	0.003	-0.120	-0.188	-0.207	-0.199	-0.187	-0.181	-0.172
3521	35.20	-0.142	-0.076	0.019	0.112	0.163	0.139	0.034	-0.118	-0.261	-0.333
3531	35.30	-0.299	-0.168	0.009	0.157	0.212	0.149	-0.006	-0.184	-0.306	-0.315
3541	35.40	-0.205	-0.022	0.154	0.247	0.216	0.074	-0.116	-0.271	-0.322	-0.248
3551	35.50	-0.080	0.113	0.253	0.291	0.226	0.101	-0.017	-0.075	-0.053	0.020
3561	35.60	0.091	0.106	0.040	-0.086	-0.217	-0.286	-0.250	-0.114	0.074	0.243
3571	35.70	0.330	0.311	0.214	0.098	0.029	0.042	0.128	0.231	0.286	0.244
3581	35.80	0.099	-0.103	-0.289	-0.395	-0.387	-0.285	-0.142	-0.022	0.036	0.033
3591	35.90	0.007	0.008	0.074	0.200	0.346	0.451	0.466	0.377	0.215	0.042
3601	36.00	-0.079	-0.109	-0.055	0.041	0.118	0.132	0.068	-0.046	-0.163	-0.233
3611	36.10	-0.234	-0.176	-0.098	-0.048	-0.059	-0.130	-0.230	-0.307	-0.314	-0.227
3621	36.20	-0.059	0.143	0.318	0.411	0.398	0.290	0.134	-0.012	-0.097	-0.101
3631	36.30	-0.041	0.038	0.082	0.057	-0.036	-0.157	-0.250	-0.264	-0.183	-0.035
3641	36.40	0.117	0.203	0.181	0.058	-0.109	-0.240	-0.265	-0.163	0.032	0.240
3651	36.50	0.378	0.398	0.305	0.161	0.045	0.014	0.076	0.182	0.253	0.225
3661	36.60	0.080	-0.142	-0.358	-0.489	-0.491	-0.383	-0.229	-0.105	-0.061	-0.092
3671	36.70	-0.148	-0.161	-0.087	0.069	0.251	0.382	0.401	0.298	0.117	-0.064
3681	36.80	-0.172	-0.177	-0.101	-0.006	0.043	0.013	-0.082	-0.188	-0.240	-0.200
3691	36.90	-0.078	0.073	0.181	0.192	0.095	-0.071	-0.235	-0.327	-0.308	-0.184
3701	37.00	-0.005	0.161	0.254	0.242	0.131	-0.043	-0.226	-0.366	-0.426	-0.394
3711	37.10	-0.282	-0.123	0.036	0.149	0.186	0.142	0.044	-0.060	-0.118	-0.094
3721	37.20	0.012	0.163	0.300	0.362	0.317	0.171	-0.031	-0.228	-0.368	-0.428
3731	37.30	-0.418	-0.368	-0.307	-0.248	-0.181	-0.084	0.055	0.224	0.384	0.480
3741	37.40	0.471	0.349	0.150	-0.062	-0.217	-0.274	-0.234	-0.138	-0.046	-0.004
3751	37.50	-0.028	-0.090	-0.142	-0.135	-0.051	0.090	0.238	0.333	0.339	0.254
3761	37.60	0.114	-0.027	-0.119	-0.138	-0.095	-0.026	0.028	0.040	0.008	-0.044
3771	37.70	-0.081	-0.077	-0.030	0.041	0.097	0.106	0.056	-0.039	-0.141	-0.204
3781	37.80	-0.199	-0.123	-0.005	0.107	0.168	0.156	0.082	-0.012	-0.073	-0.065
3791	37.90	0.017	0.139	0.244	0.275	0.205	0.049	-0.140	-0.293	-0.354	-0.305
3801	38.00	-0.176	-0.026	0.076	0.092	0.021	-0.095	-0.192	-0.220	-0.161	-0.041
3811	38.10	0.086	0.159	0.143	0.046	-0.089	-0.196	-0.217	-0.129	0.051	0.267
3821	38.20	0.451	0.549	0.536	0.426	0.263	0.102	-0.014	-0.064	-0.055	-0.018
3831	38.30	0.013	0.009	-0.040	-0.121	-0.207	-0.263	-0.265	-0.206	-0.099	0.025
3841	38.40	0.128	0.179	0.164	0.094	-0.002	-0.085	-0.124	-0.102	-0.028	0.069
3851	38.50	0.153	0.195	0.182	0.124	0.049	-0.013	-0.038	-0.023	0.014	0.044
3861	38.60	0.041	-0.007	-0.091	-0.185	-0.256	-0.282	-0.258	-0.204	-0.149	-0.119
3871	38.70	-0.125	-0.150	-0.163	-0.129	-0.030	0.124	0.293	0.425	0.476	0.430
3881	38.80	0.306	0.155	0.031	-0.025	-0.008	0.055	0.116	0.136	0.099	0.023
3891	38.90	-0.051	-0.079	-0.041	0.052	0.157	0.224	0.220	0.141	0.024	-0.081
3901	39.00	-0.126	-0.093	-0.002	0.101	0.164	0.153	0.068	-0.057	-0.174	-0.238
3911	39.10	-0.229	-0.155	-0.045	0.064	0.145	0.190	0.201	0.190	0.164	0.127
3921	39.20	0.077	0.015	-0.050	-0.101	-0.120	-0.100	-0.048	0.014	0.060	0.069
3931	39.30	0.039	-0.012	-0.053	-0.056	-0.005	0.092	0.206	0.302	0.349	0.334
3941	39.40	0.260	0.150	0.028	-0.083	-0.170	-0.227	-0.252	-0.248	-0.213	-0.150
3951	39.50	-0.065	0.029	0.115	0.174	0.194	0.172	0.117	0.042	-0.036	-0.106
3961	39.60	-0.163	-0.208	-0.243	-0.270	-0.286	-0.288	-0.269	-0.224	-0.151	-0.056
3971	39.70	0.053	0.160	0.245	0.288	0.274	0.200	0.079	-0.059	-0.176	-0.239
3981	39.80	-0.231	-0.165	-0.078	-0.017	-0.024	-0.169	-0.246	-0.381	-0.450	-0.409
3991	39.90	-0.255	-0.031	0.191	0.340	0.375	0.302	0.170	0.045	-0.017	0.004

Table 7-92-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1284 S104-GR-1-12 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = 9.377 (GAL) T= 9.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.086	0.178	0.232	0.220	0.153	0.067	0.002	-0.017	0.001	0.027
4011	40.10	0.022	-0.031	-0.122	-0.213	-0.263	-0.246	-0.168	-0.065	0.015	0.038
4021	40.20	-0.000	-0.073	-0.136	-0.153	-0.114	-0.034	0.053	0.121	0.163	0.196
4031	40.30	0.242	0.312	0.390	0.434	0.398	0.257	0.030	-0.223	-0.422	-0.504
4041	40.40	-0.452	-0.306	-0.146	-0.055	-0.076	-0.198	-0.355	-0.460	-0.450	-0.313
4051	40.50	-0.095	0.120	0.249	0.249	0.132	-0.042	-0.196	-0.265	-0.227	-0.104
4061	40.60	0.050	0.177	0.237	0.219	0.142	0.043	-0.041	-0.084	-0.075	-0.024
4071	40.70	0.049	0.115	0.146	0.124	0.047	-0.064	-0.176	-0.248	-0.248	-0.171
4081	40.80	-0.041	0.094	0.187	0.207	0.158	0.076	0.012	0.007	0.069	0.170
4091	40.90	0.257	0.281	0.224	0.106	-0.019	-0.092	-0.080	0.006	0.116	0.181
4101	41.00	0.152	0.022	-0.166	-0.339	-0.428	-0.399	-0.269	-0.098	0.043	0.101
4111	41.10	0.068	-0.019	-0.099	-0.121	-0.068	0.032	0.122	0.142	0.066	-0.087
4121	41.20	-0.257	-0.369	-0.367	-0.242	-0.039	0.162	0.281	0.274	0.153	-0.015
4131	41.30	-0.141	-0.157	-0.046	0.143	0.313	0.368	0.255	0.000	-0.301	-0.517
4141	41.40	-0.541	-0.347	-0.002	0.347	0.543	0.486	0.188	-0.228	-0.572	-0.669
4151	41.50	-0.443	0.046	0.615	1.039	1.107	0.787	0.168	-0.532	-1.061	-1.231
4161	41.60	-0.986	-0.423	0.257	0.825	1.114	1.067	0.745	0.287	-0.151	-0.450
4171	41.70	-0.560	-0.500	-0.332	-0.129	0.050	0.172	0.227	0.222	0.170	0.089
4181	41.80	-0.000	-0.074	-0.114	-0.109	-0.061	0.013	0.085	0.133	0.143	0.115
4191	41.90	0.063	0.007	-0.032	-0.044	-0.027	0.013	0.065	0.114	0.146	0.149
4201	42.00	0.116	0.054	-0.024	-0.095	-0.136	-0.138	-0.107	-0.066	-0.041	-0.049
4211	42.10	-0.084	-0.121	-0.122	-0.066	0.045	0.172	0.260	0.258	0.152	-0.028
4221	42.20	-0.215	-0.336	-0.345	-0.246	-0.091	0.045	0.102	0.062	-0.038	-0.129
4231	42.30	-0.148	-0.071	0.076	0.224	0.303	0.276	0.160	0.020	-0.064	-0.040
4241	42.40	0.094	0.284	0.448	0.513	0.454	0.300	0.118	-0.018	-0.064	-0.021
4251	42.50	0.065	0.137	0.148	0.087	-0.019	-0.124	-0.185	-0.181	-0.120	-0.032
4261	42.60	0.048	0.096	0.104	0.083	0.056	0.043	0.061	0.117	0.206	0.311
4271	42.70	0.406	0.459	0.441	0.340	0.167	-0.039	-0.223	-0.331	-0.331	-0.230
4281	42.80	-0.072	0.083	0.177	0.187	0.124	0.032	-0.044	-0.075	-0.065	-0.046
4291	42.90	-0.055	-0.110	-0.196	-0.268	-0.275	-0.189	-0.025	0.162	0.294	0.312
4301	43.00	0.201	-0.001	-0.216	-0.361	-0.383	-0.283	-0.112	0.054	0.149	0.145
4311	43.10	0.058	-0.062	-0.162	-0.210	-0.206	-0.181	-0.173	-0.206	-0.281	-0.369
4321	43.20	-0.433	-0.445	-0.399	-0.310	-0.207	-0.113	-0.037	0.030	0.103	0.189
4331	43.30	0.276	0.335	0.332	0.245	0.081	-0.120	-0.299	-0.397	-0.383	-0.263
4341	43.40	-0.082	0.095	0.210	0.235	0.178	0.080	-0.009	-0.051	-0.036	0.015
4351	43.50	0.067	0.087	0.056	0.018	-0.024	-0.030	0.010	0.079	0.139	0.152
4361	43.60	0.099	-0.008	-0.124	-0.198	-0.190	-0.097	0.047	0.180	0.244	0.209
4371	43.70	0.089	-0.067	-0.192	-0.236	-0.185	-0.070	0.052	0.120	0.105	0.015
4381	43.80	-0.103	-0.193	-0.210	-0.148	-0.036	0.070	0.121	0.091	-0.002	-0.113
4391	43.90	-0.185	-0.179	-0.092	0.043	0.172	0.241	0.226	0.134	0.005	-0.110
4401	44.00	-0.172	-0.172	-0.128	-0.079	-0.061	-0.090	-0.154	-0.219	-0.246	-0.214
4411	44.10	-0.125	-0.011	0.082	0.112	0.065	-0.045	-0.176	-0.277	-0.311	-0.266
4421	44.20	-0.162	-0.038	0.066	0.125	0.139	0.128	0.120	0.132	0.161	0.189
4431	44.30	0.185	0.130	0.026	-0.102	-0.211	-0.264	-0.243	-0.160	-0.049	0.047
4441	44.40	0.093	0.080	0.027	-0.033	-0.068	-0.061	-0.019	0.033	0.068	0.068
4451	44.50	0.036	-0.008	-0.037	-0.034	0.003	0.056	0.097	0.108	0.085	0.043
4461	44.60	0.010	0.010	0.050	0.117	0.179	0.205	0.175	0.091	-0.021	-0.124
4471	44.70	-0.187	-0.198	-0.163	-0.107	-0.059	-0.037	-0.043	-0.062	-0.074	-0.062
4481	44.80	-0.022	0.035	0.093	0.136	0.158	0.163	0.163	0.166	0.176	0.183
4491	44.90	0.175	0.142	0.084	0.015	-0.046	-0.083	-0.091	-0.081	-0.075	-0.096

Table 7-92-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1284 S104-GR-1-12 U-D (U-D) TSUKINOKI BRIDGE MAX. ACC. = 9.377 (GAL) T= 9.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.154	-0.239	-0.322	-0.364	-0.335	-0.225	-0.052	0.143	0.311	0.415
4511	45.10	0.440	0.397	0.317	0.237	0.182	0.158	0.155	0.151	0.126	0.076
4521	45.20	0.005	-0.068	-0.125	-0.154	-0.155	-0.134	-0.102	-0.064	-0.022	0.029
4531	45.30	0.090	0.160	0.228	0.279	0.299	0.278	0.219	0.133	0.038	-0.046
4541	45.40	-0.105	-0.129	-0.116	-0.067	0.010	0.103	0.195	0.266	0.295	0.271
4551	45.50	0.191	0.072	-0.059	-0.169	-0.228	-0.223	-0.161	-0.066	0.030	0.096
4561	45.60	0.119	0.102	0.061	0.021	-0.001	-0.001	0.015	0.027	0.021	-0.008
4571	45.70	-0.053	-0.093	-0.105	-0.075	-0.004	0.088	0.173	0.224	0.228	0.189
4581	45.80	0.128	0.070	0.035	0.027	0.031	0.024	-0.015	-0.089	-0.184	-0.268
4591	45.90	-0.311	-0.294	-0.221	-0.116	-0.013	0.061	0.099	0.112	0.123	0.151
4601	46.00	0.197	0.243	0.260	0.224	0.130	0.000	-0.124	-0.204	-0.214	-0.162
4611	46.10	-0.077	0.002	0.044	0.044	0.021	0.004	0.014	0.055	0.105	0.135
4621	46.20	0.124	0.073	0.006	-0.042	-0.043	0.006	0.082	0.148	0.170	0.141
4631	46.30	0.081	0.029	0.020	0.064	0.137	0.196	0.192	0.106	-0.045	-0.213
4641	46.40	-0.339	-0.380	-0.331	-0.223	-0.109	-0.034	-0.019	-0.048	-0.085	-0.094
4651	46.50	-0.059	0.009	0.076	0.109	0.088	0.023	-0.057	-0.119	-0.141	-0.124
4661	46.60	-0.091	-0.068	-0.071	-0.096	-0.122	-0.122	-0.080	-0.000	0.093	0.168
4671	46.70	0.202	0.189	0.142	0.085	0.035	-0.002	-0.034	-0.076	-0.135	-0.204
4681	46.80	-0.260	-0.273	-0.225	-0.119	0.017	0.143	0.219	0.222	0.156	0.051
4691	46.90	-0.056	-0.129	-0.153	-0.131	-0.084	-0.034	-0.001	0.011	0.003	-0.017
4701	47.00	-0.043	-0.075	-0.114	-0.160	-0.202	-0.227	-0.216	-0.161	-0.065	0.050
4711	47.10	0.155	0.216	0.214	0.147	0.030	-0.109	-0.242	-0.349	-0.424	-0.474
4721	47.20	-0.507	-0.528	-0.536	-0.522	-0.481	-0.412	-0.327	-0.245	-0.186	-0.162
4731	47.30	-0.173	-0.201	-0.226	-0.229	-0.207	-0.169	-0.135	-0.127	-0.154	-0.210
4741	47.40	-0.274	-0.318	-0.322	-0.276	-0.191	-0.087	0.014	0.094	0.146	0.175

Table 7-93-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1285 S104-GR-1-12 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 41.838 (GAL) T= 8.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	1.061	0.578	-0.002	-0.498	-0.744	-0.642	-0.201	0.465	1.173	1.724
11	0.10	1.967	1.843	1.394	0.746	0.066	-0.493	-0.825	-0.900	-0.752	-0.465
21	0.20	-0.136	0.143	0.307	0.328	0.220	0.032	-0.152	-0.235	-0.139	0.164
31	0.30	0.616	1.077	1.348	1.249	0.694	-0.243	-1.322	-2.198	-2.542	-2.175
41	0.40	-1.164	0.184	1.410	2.080	1.950	1.071	-0.226	-1.454	-2.164	-2.116
51	0.50	-1.362	-0.208	0.923	1.661	1.825	1.460	0.785	0.068	-0.484	-0.788
61	0.60	-0.879	-0.849	-0.773	-0.680	-0.554	-0.379	-0.179	-0.024	0.008	-0.120
71	0.70	-0.362	-0.599	-0.691	-0.553	-0.214	0.185	0.449	0.424	0.078	-0.476
81	0.80	-1.023	-1.344	-1.315	-0.958	-0.426	0.078	0.391	0.461	0.356	0.212
91	0.90	0.156	0.242	0.429	0.613	0.685	0.588	0.339	0.019	-0.269	-0.442
101	1.00	-0.464	-0.348	-0.137	0.112	0.344	0.511	0.575	0.515	0.343	0.108
111	1.10	-0.109	-0.221	-0.178	0.006	0.245	0.420	0.431	0.258	-0.025	-0.273
121	1.20	-0.348	-0.190	0.135	0.460	0.588	0.393	-0.106	-0.745	-1.279	-1.496
131	1.30	-1.314	-0.825	-0.247	0.175	0.286	0.091	-0.258	-0.543	-0.592	-0.365
141	1.40	0.032	0.413	0.611	0.566	0.355	0.142	0.082	0.227	0.488	0.679
151	1.50	0.615	0.224	-0.391	-0.983	-1.269	-1.061	-0.372	0.571	1.417	1.843
161	1.60	1.694	1.058	0.222	-0.462	-0.743	-0.586	-0.181	0.149	0.124	-0.351
171	1.70	-1.118	-1.832	-2.117	-1.748	-0.767	0.520	1.662	2.262	2.141	1.406
181	1.80	0.396	-0.479	-0.913	-0.829	-0.384	0.125	0.414	0.342	-0.043	-0.550
191	1.90	-0.950	-1.088	-0.945	-0.619	-0.257	0.028	0.201	0.298	0.381	0.485
201	2.00	0.591	0.647	0.615	0.509	0.396	0.364	0.459	0.648	0.818	0.835
211	2.10	0.615	0.182	-0.329	-0.735	-0.889	-0.755	-0.426	-0.075	0.135	0.134
221	2.20	-0.025	-0.200	-0.243	-0.085	0.232	0.578	0.803	0.820	0.640	0.354
231	2.30	0.075	-0.134	-0.279	-0.415	-0.588	-0.775	-0.879	-0.770	-0.371	0.274
241	2.40	0.985	1.509	1.623	1.248	0.493	-0.376	-1.055	-1.321	-1.127	-0.607
251	2.50	-0.001	0.459	0.642	0.561	0.331	0.094	-0.062	-0.132	-0.174	-0.253
261	2.60	-0.382	-0.510	-0.551	-0.438	-0.179	0.140	0.388	0.459	0.328	0.070
271	2.70	-0.175	-0.273	-0.163	0.107	0.407	0.581	0.533	0.266	-0.113	-0.448
281	2.80	-0.601	-0.520	-0.257	0.057	0.278	0.315	0.171	-0.058	-0.225	-0.204
291	2.90	0.055	0.492	0.954	1.258	1.259	0.917	0.321	-0.340	-0.841	-1.009
301	3.00	-0.791	-0.275	0.340	0.824	1.004	0.830	0.382	-0.170	-0.641	-0.907
311	3.10	-0.940	-0.795	-0.563	-0.309	-0.049	0.239	0.570	0.898	1.109	1.055
321	3.20	0.637	-0.119	-1.025	-1.778	-2.072	-1.736	-0.834	0.330	1.315	1.717
331	3.30	1.343	0.312	-0.980	-2.007	-2.323	-1.755	-0.477	1.050	2.257	2.691
341	3.40	2.195	0.963	-0.542	-1.774	-2.321	-2.054	-1.166	-0.058	0.789	1.099
351	3.50	0.824	0.186	-0.444	-0.723	-0.491	0.159	0.927	1.446	1.454	0.914
361	3.60	0.036	-0.817	-1.291	-1.203	-0.613	0.202	0.885	1.157	0.939	0.371
371	3.70	-0.272	-0.720	-0.842	-0.690	-0.452	-0.333	-0.435	-0.691	-0.913	-0.891
381	3.80	-0.527	0.098	0.754	1.172	1.180	0.801	0.240	-0.213	-0.337	-0.092
391	3.90	0.358	0.728	0.767	0.386	-0.282	-0.947	-1.304	-1.185	-0.641	0.083
401	4.00	0.672	0.896	0.720	0.313	-0.053	-0.143	0.111	0.575	0.980	1.058
411	4.10	0.679	-0.075	-0.948	-1.619	-1.847	-1.568	-0.920	-0.166	0.423	0.683
421	4.20	0.605	0.320	0.017	-0.153	-0.133	0.028	0.224	0.357	0.389	0.348
431	4.30	0.300	0.294	0.320	0.303	0.144	-0.215	-0.740	-1.286	-1.637	-1.591
441	4.40	-1.060	-0.124	0.965	1.867	2.277	2.044	1.244	0.160	-0.821	-1.355
451	4.50	-1.275	-0.653	0.234	1.022	1.402	1.247	0.647	-0.142	-0.811	-1.126
461	4.60	-1.015	-0.577	-0.020	0.432	0.631	0.546	0.251	-0.127	-0.462	-0.672
471	4.70	-0.726	-0.633	-0.418	-0.118	0.212	0.499	0.658	0.615	0.352	-0.065
481	4.80	-0.496	-0.764	-0.738	-0.399	0.130	0.617	0.818	0.579	-0.071	-0.915
491	4.90	-1.619	-1.864	-1.480	-0.532	0.692	1.782	2.358	2.221	1.422	0.248

Table 7-93-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1285 S104-GR-1-12 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 41.838 (GAL) T= 8.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.898	-1.648	-1.803	-1.398	-0.663	0.083	0.570	0.680	0.477	0.158
511	5.10	-0.058	-0.031	0.234	0.598	0.867	0.888	0.629	0.193	-0.235	-0.482
521	5.20	-0.468	-0.242	0.046	0.227	0.199	-0.025	-0.329	-0.555	-0.590	-0.418
531	5.30	-0.119	0.178	0.371	0.425	0.383	0.316	0.267	0.215	0.093	-0.157
541	5.40	-0.520	-0.880	-1.062	-0.915	-0.415	0.292	0.933	1.222	1.008	0.363
551	5.50	-0.433	-1.005	-1.069	-0.567	0.288	1.112	1.528	1.349	0.668	-0.190
561	5.60	-0.831	-0.986	-0.632	-0.017	0.523	0.700	0.445	-0.070	-0.532	-0.667
571	5.70	-0.390	0.141	0.613	0.722	0.345	-0.383	-1.131	-1.527	-1.348	-0.628
581	5.80	0.358	1.226	1.664	1.567	1.067	0.443	-0.027	-0.199	-0.113	0.060
591	5.90	0.138	0.029	-0.218	-0.455	-0.536	-0.407	-0.140	0.113	0.211	0.117
601	6.00	-0.079	-0.207	-0.124	0.194	0.620	0.932	0.928	0.543	-0.105	-0.756
611	6.10	-1.134	-1.075	-0.613	0.038	0.594	0.837	0.718	0.369	0.020	-0.131
621	6.20	-0.024	0.231	0.425	0.369	0.012	-0.521	-0.982	-1.130	-0.859	-0.264
631	6.30	0.391	0.798	0.753	0.259	-0.465	-1.086	-1.309	-1.016	-0.323	0.471
641	6.40	1.016	1.072	0.611	-0.166	-0.917	-1.310	-1.161	-0.514	0.378	1.161
651	6.50	1.524	1.325	0.651	-0.226	-0.955	-1.257	-1.036	-0.418	0.300	0.779
661	6.60	0.786	0.301	-0.468	-1.166	-1.444	-1.116	-0.249	0.849	1.753	2.096
671	6.70	1.731	0.792	-0.357	-1.277	-1.636	-1.341	-0.567	0.338	1.006	1.212
681	6.80	0.952	0.420	-0.100	-0.376	-0.329	-0.048	0.265	0.414	0.297	-0.045
691	6.90	-0.462	-0.777	-0.867	-0.720	-0.422	-0.107	0.112	0.198	0.193	0.189
701	7.00	0.265	0.441	0.660	0.811	0.786	0.534	0.100	-0.386	-0.756	-0.871
711	7.10	-0.690	-0.288	0.160	0.460	0.477	0.203	-0.236	-0.635	-0.801	-0.649
721	7.20	-0.244	0.231	0.560	0.601	0.357	-0.031	-0.363	-0.487	-0.381	-0.160
731	7.30	-0.000	-0.033	-0.252	-0.511	-0.602	-0.377	0.149	0.799	1.272	1.377
741	7.40	1.062	0.482	-0.087	-0.402	-0.374	-0.111	0.160	0.237	0.066	-0.229
751	7.50	-0.435	-0.393	-0.116	0.205	0.315	0.063	-0.476	-1.015	-1.197	-0.869
761	7.60	0.077	1.119	1.868	2.009	1.528	0.712	-0.029	-0.400	-0.383	-0.221
771	7.70	-0.214	-0.485	-0.841	-0.863	-0.183	1.222	2.904	4.104	4.143	2.832
781	7.80	0.653	-1.437	-2.495	-2.132	-0.765	0.587	0.891	-0.244	-2.235	-3.767
791	7.90	-3.533	-1.075	2.748	6.026	6.725	3.844	-1.845	-7.948	-11.519	-10.562
801	8.00	-5.189	2.233	8.134	9.522	5.602	-1.663	-8.425	-10.911	-7.499	0.266
811	8.10	7.956	10.927	6.305	-4.945	-18.115	-26.742	-25.678	-13.790	5.100	23.606
821	8.20	33.963	31.556	17.134	-3.392	-21.524	-29.961	-25.850	-11.966	4.699	16.290
831	8.30	17.786	9.314	-3.986	-14.481	-15.733	-5.642	12.418	30.996	41.838	39.555
841	8.40	24.033	0.543	-22.471	-36.906	-38.260	-27.263	-9.249	8.341	19.153	20.393
851	8.50	13.566	3.298	-5.091	-8.063	-5.255	0.760	6.127	7.833	5.244	0.273
861	8.60	-3.849	-4.542	-1.341	3.458	6.195	3.786	-4.299	-15.280	-24.044	-25.509
871	8.70	-17.266	-1.182	16.961	29.772	31.537	20.949	1.951	-17.805	-30.255	-30.480
881	8.80	-18.870	-0.871	15.570	23.658	20.769	9.439	-4.092	-13.018	-13.218	-5.072
891	8.90	7.002	16.924	20.025	15.237	5.380	-4.505	-9.836	-8.767	-2.927	3.673
901	9.00	6.914	4.769	-1.706	-9.068	-13.429	-12.557	-7.012	0.247	5.535	6.452
911	9.10	3.132	-1.927	-5.327	-4.720	-0.172	5.813	9.625	8.528	2.243	-6.724
921	9.20	-14.207	-16.405	-11.790	-1.939	9.132	16.789	17.881	12.109	2.046	-8.140
931	9.30	-14.597	-15.407	-11.192	-4.498	1.613	5.039	5.454	4.148	3.069	3.625
941	9.40	5.897	8.621	9.926	8.380	3.830	-2.420	-8.147	-11.200	-10.457	-6.315
951	9.50	-0.503	4.681	7.332	6.697	3.410	-0.858	-4.136	-4.980	-3.024	0.911
961	9.60	5.187	8.007	8.112	5.249	0.259	-5.234	-9.408	-10.895	-9.249	-5.093
971	9.70	0.127	4.676	7.156	6.988	4.567	1.041	-2.201	-4.097	-4.315	-3.298
981	9.80	-1.960	-1.174	-1.300	-1.995	-2.401	-1.640	0.646	3.966	7.072	8.471
991	9.90	7.124	3.026	-2.648	-7.944	-10.926	-10.541	-7.136	-2.370	1.484	2.565

Table 7-93-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1285 S104-GR-1-12 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 41.838 (GAL) T= 8.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.317	-4.167	-8.546	-10.225	-7.541	-0.589	8.680	17.164	21.843	21.006
1011	10.10	14.940	5.785	-3.369	-9.759	-12.012	-10.558	-7.230	-4.270	-3.231	-4.271
1021	10.20	-6.178	-7.054	-5.338	-0.642	5.982	12.466	16.633	17.128	13.960	8.406
1031	10.30	2.369	-2.471	-5.295	-6.288	-6.273	-6.075	-6.005	-5.727	-4.585	-2.166
1041	10.40	1.241	4.603	6.571	6.186	3.478	-0.406	-3.664	-4.699	-2.967	0.651
1051	10.50	4.190	5.526	3.455	-1.601	-7.675	-12.105	-12.781	-9.190	-2.734	3.874
1061	10.60	7.855	7.670	3.739	-1.774	-6.025	-6.881	-3.953	1.228	5.989	7.852
1071	10.70	5.768	0.633	-5.161	-8.907	-8.909	-5.280	0.165	4.851	6.732	5.265
1081	10.80	1.594	-2.129	-3.908	-2.941	0.016	3.114	4.459	3.171	-0.120	-3.594
1091	10.90	-5.214	-3.836	0.141	4.926	8.229	8.439	5.465	0.811	-3.165	-4.440
1101	11.00	-2.354	2.042	6.500	8.677	7.286	2.714	-3.177	-7.962	-9.798	-8.236
1111	11.10	-4.333	-0.037	2.803	3.295	1.810	-0.363	-1.792	-1.662	-0.146	1.789
1121	11.20	2.981	2.732	1.162	-0.914	-2.476	-2.870	-2.139	-0.933	-0.081	-0.088
1131	11.30	-0.845	-1.723	-1.972	-1.195	0.386	2.045	2.963	2.712	1.520	0.157
1141	11.40	-0.505	-0.008	1.394	2.843	3.338	2.311	-0.007	-2.649	-4.393	-4.399
1151	11.50	-2.679	-0.119	1.968	2.526	1.330	-0.886	-2.800	-3.213	-1.708	1.083
1161	11.60	3.774	4.921	3.789	0.762	-2.802	-5.228	-5.353	-3.118	0.395	3.487
1171	11.70	4.680	3.438	0.422	-2.852	-4.777	-4.440	-2.059	1.155	3.621	4.176
1181	11.80	2.641	-0.123	-2.674	-3.718	-2.753	-0.293	2.412	4.017	3.750	1.785
1191	11.90	-0.870	-2.887	-3.280	-1.884	0.580	2.875	3.868	3.080	0.916	-1.544
1201	12.00	-3.078	-2.915	-1.111	1.482	3.616	4.246	3.022	0.459	-2.300	-4.002
1211	12.10	-3.858	-1.893	1.070	3.789	5.151	4.650	2.578	-0.143	-2.404	-3.405
1221	12.20	-2.980	-1.616	-0.163	0.605	0.359	-0.649	-1.746	-2.202	-1.615	-0.120
1231	12.30	1.676	2.993	3.270	2.435	0.938	-0.483	-1.181	-0.934	-0.063	0.725
1241	12.40	0.698	-0.511	-2.677	-5.040	-6.626	-6.684	-5.040	-2.199	0.857	3.081
1251	12.50	3.801	2.993	1.256	-0.474	-1.356	-1.004	0.360	2.048	3.239	3.364
1261	12.60	2.364	0.692	-0.905	-1.738	-1.688	-0.337	1.136	2.226	2.428	1.650
1271	12.70	0.238	-1.206	-2.101	-2.140	-1.396	-0.253	0.807	1.435	1.564	1.391
1281	12.80	1.233	1.325	1.668	2.029	2.063	1.523	0.417	-0.951	-2.100	-2.596
1291	12.90	-2.262	-1.274	-0.099	0.727	0.843	0.236	-0.754	-1.590	-1.798	-1.188
1301	13.00	0.053	1.445	2.430	2.615	1.935	0.664	-0.722	-1.756	-2.169	-1.972
1311	13.10	-1.411	-0.827	-0.493	-0.502	-0.753	-1.020	-1.068	-0.763	-0.120	0.702
1321	13.20	1.462	1.924	1.934	1.465	0.629	-0.352	-1.212	-1.714	-1.725	-1.261
1331	13.30	-0.485	0.359	1.027	1.371	1.379	1.161	0.866	0.600	0.360	0.052
1341	13.40	-0.431	-1.106	-1.841	-2.375	-2.435	-1.881	-0.816	0.421	1.384	1.725
1351	13.50	1.362	0.536	-0.299	-0.701	-0.466	0.255	1.020	1.326	0.877	-0.235
1361	13.60	-1.547	-2.436	-2.627	-1.443	0.135	1.637	2.422	2.191	1.135	-0.163
1371	13.70	-1.018	-0.986	-0.088	1.202	2.199	2.355	1.540	0.111	-1.264	-1.933
1381	13.80	-1.588	-0.409	1.022	2.011	2.080	1.199	-0.224	-1.546	-2.208	-1.991
1391	13.90	-1.103	-0.048	0.630	0.619	-0.031	-0.951	-1.656	-1.789	-1.285	-0.387
1401	14.00	0.495	0.987	0.932	0.636	-0.204	-0.670	-0.782	-0.572	-0.240	-0.024
1411	14.10	-0.059	-0.294	-0.525	-0.510	-0.111	0.615	1.421	1.985	2.060	1.601
1421	14.20	0.788	-0.051	-0.596	-0.680	-0.362	0.115	0.454	0.459	0.134	-0.326
1431	14.30	-0.648	-0.628	-0.255	0.280	0.682	0.709	0.315	-0.313	-0.866	-0.981
1441	14.40	-0.609	0.104	0.795	1.079	0.761	-0.050	-0.975	-1.543	-1.437	-0.662
1451	14.50	0.434	1.327	1.573	1.060	-0.018	-1.083	-1.632	-1.407	-0.548	0.474
1461	14.60	1.103	0.987	0.166	-0.946	-1.776	-1.893	-1.244	-0.179	0.723	0.966
1471	14.70	0.405	-0.667	-1.660	-1.987	-1.369	0.019	1.623	2.781	3.039	2.355
1481	14.80	1.094	-0.180	-0.986	-1.144	-0.809	-0.332	-0.027	0.003	-0.101	-0.087
1491	14.90	0.209	0.722	1.169	1.216	0.705	-0.206	-1.070	-1.371	-0.805	0.517

Table 7-93-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1285 S104-GR-1-12 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 41.838 (GAL) T= 8.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	2.076	3.171	3.265	2.266	0.592	-1.022	-1.890	-1.713	-0.730	0.419
1511	15.10	1.037	0.740	-0.326	-1.570	-2.270	-1.969	-0.741	0.829	1.942	1.998
1521	15.20	0.931	-0.743	-2.166	-2.576	-1.696	0.117	2.036	3.172	3.014	1.676
1531	15.30	-0.172	-1.640	-2.065	-1.324	0.130	1.521	2.163	1.804	0.735	-0.380
1541	15.40	-0.880	-0.461	0.652	1.821	2.324	1.735	0.161	-1.791	-3.289	-3.676
1551	15.50	-2.773	-0.970	0.957	2.200	2.272	1.206	-0.490	-2.088	-2.965	-2.867
1561	15.60	-1.982	-0.819	0.046	0.225	-0.333	-1.343	-2.335	-2.859	-2.664	-1.777
1571	15.70	-0.474	0.840	1.783	2.119	1.825	1.073	0.163	-0.582	-0.925	-0.782
1581	15.80	-0.243	0.468	1.082	1.396	1.345	1.037	0.692	0.545	0.729	1.208
1591	15.90	1.782	2.185	2.209	1.817	1.168	0.548	0.237	0.366	0.847	1.410
1601	16.00	1.723	1.555	0.885	-0.092	-1.056	-1.720	-1.956	-1.844	-1.607	-1.480
1611	16.10	-1.579	-1.839	-2.061	-2.025	-1.622	-0.927	-0.168	0.382	0.542	0.311
1621	16.20	-0.140	-0.559	-0.745	-0.667	-0.376	-0.135	-0.095	-0.297	-0.630	-0.887
1631	16.30	-0.880	-0.539	0.053	0.703	1.211	1.465	1.490	1.406	1.352	1.386
1641	16.40	1.452	1.414	1.138	0.595	-0.102	-0.725	-1.033	-0.880	-0.292	0.532
1651	16.50	1.305	1.763	1.766	1.344	0.659	-0.072	-0.666	-1.037	-1.194	-1.206
1661	16.60	-1.150	-1.067	-0.954	-0.788	-0.557	-0.278	-0.007	0.187	0.250	0.163
1671	16.70	-0.048	-0.319	-0.569	-0.726	-0.743	-0.619	-0.395	-0.152	0.020	0.048
1681	16.80	-0.087	-0.328	-0.561	-0.645	-0.481	-0.063	0.506	1.039	1.341	1.295
1691	16.90	0.923	0.384	-0.087	-0.288	-0.140	0.271	0.735	1.012	0.946	0.539
1701	17.00	-0.051	-0.591	-0.886	-0.866	-0.618	-0.327	-0.181	-0.267	-0.526	-0.793
1711	17.10	-0.878	-0.677	-0.230	0.293	0.670	0.733	0.450	-0.063	-0.598	-0.955
1721	17.20	-1.028	-0.845	-0.544	-0.285	-0.174	-0.207	-0.283	-0.264	-0.055	0.336
1731	17.30	0.795	1.149	1.244	1.020	0.538	-0.040	-0.519	-0.750	-0.683	-0.379
1741	17.40	0.020	0.360	0.530	0.504	0.339	0.138	0.006	0.002	0.122	0.303
1751	17.50	0.458	0.507	0.414	0.198	-0.078	-0.323	-0.458	-0.439	-0.274	-0.023
1761	17.60	0.223	0.372	0.364	0.196	-0.071	-0.332	-0.475	-0.426	-0.183	0.175
1771	17.70	0.514	0.701	0.660	0.416	0.087	-0.154	-0.160	0.122	0.614	1.130
1781	17.80	1.451	1.419	1.011	0.353	-0.330	-0.811	-0.963	-0.806	-0.491	-0.215
1791	17.90	-0.123	-0.233	-0.437	-0.570	-0.509	-0.252	0.068	0.250	0.140	-0.270
1801	18.00	-0.814	-1.215	-1.216	-0.721	0.136	1.032	1.584	1.527	0.838	-0.243
1811	18.10	-1.311	-1.977	-2.028	-1.515	-0.715	0.009	0.375	0.298	-0.087	-0.511
1821	18.20	-0.708	-0.536	-0.028	0.644	1.259	1.650	1.755	1.611	1.310	0.932
1831	18.30	0.524	0.107	-0.294	-0.619	-0.782	-0.714	-0.405	0.060	0.531	0.844
1841	18.40	0.902	0.718	0.411	0.141	0.032	0.111	0.307	0.490	0.553	0.461
1851	18.50	0.262	0.045	-0.117	-0.214	-0.289	-0.395	-0.537	-0.647	-0.612	-0.349
1861	18.60	0.120	0.641	0.980	0.932	0.442	-0.341	-1.110	-1.535	-1.426	-0.837
1871	18.70	-0.054	0.539	0.649	0.226	-0.506	-1.159	-1.375	-1.016	-0.230	0.620
1881	18.80	1.144	1.124	0.625	-0.053	-0.536	-0.588	-0.227	0.284	0.598	0.483
1891	18.90	-0.036	-0.687	-1.100	-1.019	-0.456	0.298	0.825	0.817	0.253	-0.562
1901	19.00	-1.148	-1.102	-0.332	0.868	1.944	2.355	1.848	0.603	-0.843	-1.852
1911	19.10	-1.997	-1.268	-0.071	0.983	1.390	1.003	0.094	-0.805	-1.183	-0.827
1921	19.20	0.077	1.041	1.542	1.293	0.397	-0.713	-1.498	-1.593	-0.993	-0.042
1931	19.30	0.750	0.981	0.562	-0.265	-0.923	-1.201	-0.779	0.091	0.966	1.387
1941	19.40	1.119	0.270	-0.764	-1.498	-1.595	-1.024	-0.063	0.851	1.338	1.259
1951	19.50	0.762	0.192	-0.097	0.077	0.638	1.297	1.696	1.587	0.944	-0.022
1961	19.60	-0.968	-1.566	-1.639	-1.224	-0.539	0.119	0.494	0.465	0.072	-0.514
1971	19.70	-1.073	-1.414	-1.442	-1.177	-0.737	-0.291	0.003	0.052	-0.139	-0.472
1981	19.80	-0.793	-0.951	-0.861	-0.545	-0.125	0.220	0.339	0.174	-0.198	-0.595
1991	19.90	-0.796	-0.641	-0.110	0.667	1.450	1.987	2.118	1.834	1.278	0.683

Table 7-93-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1285 S104-GR-1-12 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 41.838 (GAL) T= 8.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.263	0.139	0.289	0.578	0.827	0.894	0.737	0.419	0.072	-0.173
2011	20.10	-0.239	-0.136	0.051	0.213	0.268	0.195	0.040	-0.110	-0.177	-0.130
2021	20.20	-0.004	0.116	0.130	-0.028	-0.355	-0.772	-1.153	-1.373	-1.360	-1.123
2031	20.30	-0.756	-0.391	-0.148	-0.081	-0.161	-0.294	-0.371	-0.333	-0.197	-0.052
2041	20.40	-0.008	-0.126	-0.376	-0.629	-0.716	-0.508	0.005	0.692	1.323	1.662
2051	20.50	1.584	1.130	0.502	-0.030	-0.243	-0.070	0.376	0.857	1.125	1.044
2061	20.60	0.646	0.115	-0.317	-0.482	-0.361	-0.082	0.152	0.178	-0.039	-0.385
2071	20.70	-0.661	-0.684	-0.392	0.127	0.665	1.002	1.006	0.689	0.198	-0.269
2081	20.80	-0.554	-0.611	-0.508	-0.380	-0.343	-0.440	-0.624	-0.794	-0.859	-0.785
2091	20.90	-0.612	-0.419	-0.280	-0.226	-0.232	-0.247	-0.233	-0.190	-0.155	-0.170
2101	21.00	-0.246	-0.342	-0.385	-0.308	-0.095	0.195	0.455	0.576	0.507	0.284
2111	21.10	0.017	-0.167	-0.185	-0.041	0.178	0.552	0.386	0.263	0.043	-0.171
2121	21.20	-0.286	-0.269	-0.154	-0.012	0.097	0.159	0.211	0.311	0.493	0.731
2131	21.30	0.961	1.018	0.837	0.566	0.076	-0.389	-0.714	-0.810	-0.661	-0.313
2141	21.40	0.152	0.646	1.095	1.434	1.609	1.575	1.316	0.862	0.304	-0.218
2151	21.50	-0.563	-0.644	-0.467	-0.136	0.192	0.376	0.352	0.165	-0.067	-0.218
2161	21.60	-0.225	-0.123	-0.024	-0.050	-0.258	-0.600	-0.935	-1.099	-0.988	-0.618
2171	21.70	-0.120	0.317	0.534	0.472	0.190	-0.177	-0.491	-0.675	-0.737	-0.739
2181	21.80	-0.744	-0.763	-0.747	-0.627	-0.369	-0.020	0.300	0.454	0.363	0.071
2191	21.90	-0.270	-0.458	-0.352	0.052	0.596	1.030	1.130	0.809	0.173	-0.527
2201	22.00	-1.004	-1.072	-0.731	-0.165	0.360	0.624	0.564	0.297	0.048	0.030
2211	22.10	0.315	0.797	1.232	1.365	1.060	0.374	-0.456	-1.122	-1.385	-1.185
2221	22.20	-0.663	-0.089	0.269	0.265	-0.059	-0.509	-0.838	-0.869	-0.577	-0.088
2231	22.30	0.385	0.654	0.644	0.417	0.128	-0.062	-0.070	0.069	0.228	0.265
2241	22.40	0.106	-0.211	-0.549	-0.740	-0.674	-0.357	0.087	0.466	0.617	0.475
2251	22.50	0.107	-0.324	-0.633	-0.698	-0.513	-0.178	0.155	0.358	0.390	0.308
2261	22.60	0.231	0.276	0.492	0.831	1.165	1.340	1.250	0.877	0.307	-0.302
2271	22.70	-0.779	-0.997	-0.917	-0.589	-0.137	0.292	0.574	0.644	0.514	0.267
2281	22.80	0.023	-0.102	-0.062	0.187	0.489	0.720	0.740	0.479	-0.032	-0.658
2291	22.90	-1.214	-1.533	-1.541	-1.284	-0.909	-0.589	-0.448	-0.497	-0.637	-0.713
2301	23.00	-0.597	-0.265	0.189	0.590	0.770	0.654	0.297	-0.137	-0.461	-0.553
2311	23.10	-0.416	-0.167	0.031	0.062	-0.075	-0.266	-0.341	-0.176	0.236	0.765
2321	23.20	1.202	1.358	1.165	0.708	0.187	-0.173	-0.234	-0.002	0.382	0.719
2331	23.30	0.853	0.746	0.481	0.212	0.072	0.100	0.225	0.311	0.236	-0.029
2341	23.40	-0.403	-0.724	-0.839	-0.680	-0.304	0.127	0.424	0.459	0.222	-0.175
2351	23.50	-0.554	-0.759	-0.725	-0.501	-0.225	-0.050	-0.071	-0.279	-0.573	-0.806
2361	23.60	-0.851	-0.660	-0.281	0.169	0.554	0.770	0.784	0.636	0.408	0.188
2371	23.70	0.035	-0.031	-0.030	0.008	0.057	0.109	0.166	0.228	0.281	0.294
2381	23.80	0.235	0.085	-0.136	-0.372	-0.545	-0.588	-0.475	-0.239	0.033	0.235
2391	23.90	0.281	0.148	-0.114	-0.399	-0.585	-0.586	-0.383	-0.030	0.362	0.673
2401	24.00	0.810	0.734	0.470	0.083	-0.339	-0.710	-0.961	-1.048	-0.953	-0.694
2411	24.10	-0.318	0.095	0.455	0.681	0.729	0.612	0.394	0.165	0.006	-0.044
2421	24.20	-0.004	0.069	0.108	0.076	-0.021	-0.140	-0.225	-0.245	-0.204	-0.138
2431	24.30	-0.085	-0.052	-0.012	0.086	0.277	0.543	0.804	0.948	0.880	0.579
2441	24.40	0.124	-0.330	-0.618	-0.643	-0.419	-0.071	0.224	0.331	0.215	-0.030
2451	24.50	-0.241	-0.260	-0.028	0.386	0.808	1.066	0.981	0.628	0.128	-0.316
2461	24.60	-0.533	-0.461	-0.170	0.183	0.431	0.473	0.315	0.050	-0.194	-0.323
2471	24.70	-0.319	-0.235	-0.158	-0.159	-0.252	-0.395	-0.518	-0.561	-0.509	-0.392
2481	24.80	-0.267	-0.181	-0.152	-0.157	-0.154	-0.111	-0.022	0.083	0.159	0.167
2491	24.90	0.094	-0.037	-0.181	-0.290	-0.332	-0.304	-0.226	-0.132	-0.050	0.000

Table 7-93-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1285 S104-GR-1-12 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 41.838 (GAL) T= 8.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.019	0.017	0.015	0.030	0.074	0.147	0.232	0.301	0.324	0.283
2511	25.10	0.182	0.054	-0.047	-0.072	0.004	0.161	0.334	0.443	0.425	0.270
2521	25.20	0.027	-0.212	-0.358	-0.365	-0.255	-0.105	-0.007	-0.010	-0.097	-0.184
2531	25.30	-0.170	0.002	0.304	0.618	0.784	0.684	0.300	-0.254	-0.780	-1.075
2541	25.40	-1.025	-0.663	-0.154	0.278	0.451	0.308	-0.057	-0.447	-0.656	-0.561
2551	25.50	-0.178	0.350	0.820	1.061	1.000	0.683	0.240	-0.179	-0.444	-0.582
2561	25.60	-0.561	-0.461	-0.332	-0.196	-0.053	0.098	0.239	0.332	0.335	0.229
2571	25.70	0.040	-0.167	-0.309	-0.323	-0.191	0.052	0.340	0.600	0.786	0.880
2581	25.80	0.891	0.829	0.698	0.496	0.231	-0.066	-0.340	-0.526	-0.581	-0.510
2591	25.90	-0.368	-0.239	-0.191	-0.237	-0.328	-0.372	-0.289	-0.060	0.252	0.528
2601	26.00	0.649	0.562	0.317	0.048	-0.095	-0.022	0.241	0.558	0.746	0.671
2611	26.10	0.317	-0.191	-0.649	-0.872	-0.787	-0.472	-0.116	0.079	0.007	-0.283
2621	26.20	-0.608	-0.747	-0.560	-0.071	0.528	0.963	1.008	0.596	-0.143	-0.938
2631	26.30	-1.497	-1.635	-1.351	-0.810	-0.253	0.123	0.247	0.189	0.102	0.124
2641	26.40	0.300	0.564	0.786	0.848	0.721	0.480	0.258	0.177	0.267	0.455
2651	26.50	0.599	0.565	0.307	-0.109	-0.529	-0.793	-0.811	-0.609	-0.305	-0.057
2661	26.60	0.027	-0.071	-0.277	-0.472	-0.561	-0.518	-0.391	-0.263	-0.203	-0.223
2671	26.70	-0.279	-0.304	-0.251	-0.129	0.005	0.078	0.047	-0.074	-0.220	-0.310
2681	26.80	-0.294	-0.182	-0.033	0.076	0.100	0.048	-0.026	-0.056	-0.010	0.090
2691	26.90	0.182	0.202	0.133	0.021	-0.051	-0.010	0.156	0.372	0.515	0.473
2701	27.00	0.220	-0.160	-0.497	-0.615	-0.422	0.037	0.595	1.032	1.185	1.019
2711	27.10	0.640	0.238	-0.017	-0.054	0.064	0.188	0.171	-0.045	-0.394	-0.718
2721	27.20	-0.856	-0.732	-0.400	-0.018	0.232	0.246	0.041	-0.247	-0.448	-0.448
2731	27.30	-0.250	0.025	0.213	0.201	-0.009	-0.291	-0.465	-0.392	-0.060	0.405
2741	27.40	0.793	0.914	0.697	0.225	-0.295	-0.635	-0.649	-0.340	0.147	0.600
2751	27.50	0.837	0.787	0.507	0.147	-0.135	-0.240	-0.168	0.004	0.168	0.245
2761	27.60	0.212	0.101	-0.039	-0.167	-0.275	-0.370	-0.457	-0.508	-0.473	-0.297
2771	27.70	0.036	0.483	0.939	1.274	1.384	1.240	0.896	0.477	0.119	-0.085
2781	27.80	-0.115	-0.028	0.079	0.110	0.019	-0.183	-0.440	-0.677	-0.837	-0.897
2791	27.90	-0.862	-0.760	-0.615	-0.446	-0.268	-0.093	0.057	0.158	0.190	0.153
2801	28.00	0.067	-0.029	-0.099	-0.123	-0.105	-0.071	-0.047	-0.044	-0.048	-0.024
2811	28.10	0.059	0.207	0.386	0.526	0.551	0.410	0.115	-0.263	-0.604	-0.791
2821	28.20	-0.753	-0.501	-0.120	0.257	0.502	0.548	0.412	0.182	-0.013	-0.071
2831	28.30	0.067	0.295	0.561	0.717	0.670	0.409	0.008	-0.403	-0.685	-0.746
2841	28.40	-0.576	-0.245	0.124	0.407	0.522	0.457	0.268	0.045	-0.127	-0.201
2851	28.50	-0.187	-0.135	-0.107	-0.148	-0.257	-0.389	-0.476	-0.458	-0.318	-0.092
2861	28.60	0.138	0.275	0.252	0.060	-0.234	-0.511	-0.642	-0.542	-0.207	0.274
2871	28.70	0.746	1.051	1.085	0.848	0.447	0.052	-0.172	-0.136	0.127	0.480
2881	28.80	0.734	0.736	0.439	-0.070	-0.607	-0.962	-0.997	-0.703	-0.204	0.297
2891	28.90	0.608	0.631	0.396	0.040	-0.268	-0.413	-0.379	-0.255	-0.172	-0.227
2901	29.00	-0.420	-0.653	-0.771	-0.652	-0.281	0.234	0.695	0.911	0.787	0.378
2911	29.10	-0.132	-0.510	-0.588	-0.339	0.106	0.522	0.700	0.552	0.153	-0.288
2921	29.20	-0.533	-0.432	-0.002	0.572	1.017	1.092	0.707	-0.037	-0.886	-1.534
2931	29.30	-1.757	-1.496	-0.872	-0.127	0.483	0.797	0.794	0.585	0.339	0.199
2941	29.40	0.217	0.343	0.461	0.459	0.288	-0.017	-0.353	-0.603	-0.689	-0.606
2951	29.50	-0.420	-0.234	-0.137	-0.166	-0.292	-0.440	-0.521	-0.479	-0.310	-0.062
2961	29.60	0.181	0.340	0.367	0.268	0.093	-0.081	-0.181	-0.168	-0.050	0.121
2971	29.70	0.273	0.341	0.300	0.176	0.040	-0.025	0.039	0.230	0.483	0.687
2981	29.80	0.731	0.559	0.195	-0.256	-0.647	-0.851	-0.816	-0.589	-0.294	-0.078
2991	29.90	-0.045	-0.211	-0.495	-0.763	-0.888	-0.809	-0.550	-0.205	0.115	0.333

Table 7-93-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1285 S104-GR-1-12 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 41.838 (GAL) T= 8.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	0.438	0.476	0.513	0.583	0.670	0.709	0.630	0.405	0.074	-0.265
3011	30.10	-0.500	-0.560	-0.451	-0.254	-0.081	-0.014	-0.061	-0.146	-0.157	-0.009
3021	30.20	0.300	0.676	0.964	1.026	0.814	0.403	-0.037	-0.314	-0.308	-0.030
3031	30.30	0.378	0.709	0.787	0.551	0.068	-0.408	-0.724	-0.725	-0.422	0.038
3041	30.40	0.438	0.591	0.420	-0.005	-0.508	-0.888	-1.006	-0.849	-0.520	-0.187
3051	30.50	0.002	-0.013	-0.182	-0.377	-0.463	-0.372	-0.136	0.123	0.257	0.173
3061	30.60	-0.116	-0.483	-0.741	-0.730	-0.400	0.154	0.727	1.083	1.065	0.671
3071	30.70	0.064	-0.495	-0.754	-0.582	-0.032	0.687	1.292	1.556	1.397	0.912
3081	30.80	0.325	-0.124	-0.283	-0.153	0.127	0.358	0.389	0.190	-0.133	-0.398
3091	30.90	-0.442	-0.208	0.221	0.661	0.916	0.867	0.538	0.074	-0.326	-0.502
3101	31.00	-0.411	-0.138	0.145	0.268	0.139	-0.213	-0.657	-1.023	-1.176	-1.075
3111	31.10	-0.772	-0.390	-0.055	0.152	0.220	0.198	0.162	0.174	0.258	0.391
3121	31.20	0.524	0.605	0.598	0.497	0.321	0.105	-0.109	-0.289	-0.411	-0.467
3131	31.30	-0.461	-0.409	-0.334	-0.256	-0.189	-0.133	-0.080	-0.021	0.049	0.120
3141	31.40	0.173	0.189	0.169	0.094	0.019	-0.035	-0.049	-0.024	0.011	0.016
3151	31.50	-0.041	-0.171	-0.349	-0.525	-0.640	-0.651	-0.545	-0.343	-0.096	0.138
3161	31.60	0.311	0.402	0.416	0.383	0.343	0.330	0.359	0.421	0.486	0.513
3171	31.70	0.467	0.335	0.135	-0.083	-0.259	-0.342	-0.315	-0.202	-0.064	0.031
3181	31.80	0.033	-0.062	-0.208	-0.329	-0.353	-0.244	-0.024	0.240	0.462	0.571
3191	31.90	0.542	0.402	0.206	0.017	-0.126	-0.225	-0.291	-0.347	-0.399	-0.428
3201	32.00	-0.410	-0.327	-0.190	-0.035	0.090	0.148	0.135	0.078	0.023	0.005
3211	32.10	0.029	0.065	0.063	-0.016	-0.175	-0.373	-0.537	-0.597	-0.516	-0.310
3221	32.20	-0.043	0.197	0.337	0.343	0.232	0.059	-0.106	-0.209	-0.224	-0.160
3231	32.30	-0.049	0.069	0.161	0.211	0.218	0.195	0.158	0.123	0.102	0.096
3241	32.40	0.099	0.103	0.098	0.082	0.058	0.033	0.013	-0.004	-0.028	-0.067
3251	32.50	-0.120	-0.165	-0.166	-0.082	0.105	0.373	0.650	0.840	0.856	0.664
3261	32.60	0.303	-0.115	-0.454	-0.601	-0.521	-0.270	0.033	0.256	0.317	0.217
3271	32.70	0.030	-0.138	-0.204	-0.149	-0.023	0.093	0.128	0.065	-0.057	-0.169
3281	32.80	-0.219	-0.205	-0.174	-0.194	-0.304	-0.482	-0.647	-0.694	-0.557	-0.251
3291	32.90	0.121	0.415	0.507	0.360	0.041	-0.305	-0.525	-0.531	-0.334	-0.036
3301	33.00	0.228	0.355	0.321	0.180	0.022	-0.084	-0.132	-0.170	-0.270	-0.465
3311	33.10	-0.718	-0.930	-0.982	-0.807	-0.430	0.031	0.413	0.589	0.527	0.312
3321	33.20	0.098	0.040	0.207	0.549	0.918	1.137	1.087	0.765	0.289	-0.162
3331	33.30	-0.425	-0.431	-0.230	0.039	0.217	0.205	0.009	-0.266	-0.469	-0.478
3341	33.40	-0.260	0.116	0.504	0.750	0.760	0.535	0.172	-0.187	-0.414	-0.447
3351	33.50	-0.312	-0.097	0.084	0.153	0.091	-0.053	-0.198	-0.267	-0.227	-0.100
3361	33.60	0.056	0.176	0.221	0.201	0.160	0.152	0.204	0.297	0.374	0.360
3371	33.70	0.210	-0.069	-0.405	-0.691	-0.829	-0.769	-0.539	-0.230	0.040	0.176
3381	33.80	0.150	0.009	-0.146	-0.206	-0.099	0.175	0.548	0.907	1.141	1.181
3391	33.90	1.017	0.698	0.310	-0.053	-0.321	-0.457	-0.466	-0.381	-0.254	-0.141
3401	34.00	-0.085	-0.106	-0.196	-0.318	-0.416	-0.440	-0.362	-0.193	0.021	0.217
3411	34.10	0.340	0.366	0.315	0.233	0.166	0.131	0.105	0.033	-0.132	-0.399
3421	34.20	-0.713	-0.970	-1.062	-0.926	-0.588	-0.161	0.196	0.351	0.257	-0.015
3431	34.30	-0.305	-0.440	-0.310	0.068	0.555	0.947	1.068	0.856	0.387	-0.149
3441	34.40	-0.538	-0.635	-0.432	-0.053	0.304	0.466	0.360	0.052	-0.296	-0.502
3451	34.50	-0.453	-0.160	0.250	0.596	0.730	0.609	0.310	-0.005	-0.169	-0.094
3461	34.60	0.194	0.560	0.825	0.848	0.591	0.134	-0.363	-0.727	-0.848	-0.721
3471	34.70	-0.442	-0.155	0.013	0.012	-0.117	-0.268	-0.328	-0.235	-0.012	0.242
3481	34.80	0.402	0.375	0.154	-0.179	-0.480	-0.614	-0.510	-0.204	0.180	0.480
3491	34.90	0.571	0.419	0.100	-0.232	-0.416	-0.356	-0.061	0.353	0.721	0.898

Table 7-93-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1285 S104-GR-1-12 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 41.838 (GAL) T= 8.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.820	0.533	0.161	-0.150	-0.304	-0.290	-0.183	-0.098	-0.127	-0.293
3511	35.10	-0.536	-0.743	-0.810	-0.689	-0.420	-0.110	0.118	0.184	0.089	-0.084
3521	35.20	-0.212	-0.195	-0.001	0.307	0.606	0.764	0.701	0.429	0.050	-0.293
3531	35.30	-0.474	-0.437	-0.218	0.074	0.311	0.403	0.333	0.159	-0.021	-0.114
3541	35.40	-0.085	0.038	0.173	0.236	0.180	0.021	-0.168	-0.292	-0.284	-0.137
3551	35.50	0.095	0.321	0.457	0.470	0.389	0.286	0.237	0.277	0.382	0.477
3561	35.60	0.481	0.347	0.098	-0.182	-0.387	-0.440	-0.333	-0.133	0.051	0.122
3571	35.70	0.047	-0.127	-0.297	-0.360	-0.272	-0.072	0.126	0.196	0.062	-0.255
3581	35.80	-0.638	-0.925	-0.980	-0.763	-0.346	0.111	0.435	0.512	0.334	0.000
3591	35.90	-0.341	-0.553	-0.576	-0.438	-0.233	-0.066	-0.001	-0.035	-0.108	-0.143
3601	36.00	-0.091	0.040	0.194	0.293	0.282	0.156	-0.034	-0.210	-0.296	-0.261
3611	36.10	-0.127	0.044	0.177	0.219	0.162	0.040	-0.085	-0.157	-0.148	-0.070
3621	36.20	0.027	0.088	0.069	-0.034	-0.182	-0.305	-0.335	-0.232	-0.011	0.257
3631	36.30	0.470	0.533	0.401	0.108	-0.240	-0.502	-0.556	-0.359	0.031	0.470
3641	36.40	0.782	0.833	0.588	0.132	-0.366	-0.721	-0.810	-0.621	-0.257	0.118
3651	36.50	0.351	0.368	0.199	-0.040	-0.215	-0.239	-0.110	0.090	0.242	0.256
3661	36.60	0.115	-0.113	-0.311	-0.371	-0.251	0.007	0.295	0.494	0.526	0.396
3671	36.70	0.183	-0.001	-0.061	0.033	0.232	0.438	0.564	0.466	0.264	-0.055
3681	36.80	-0.378	-0.613	-0.713	-0.675	-0.540	-0.360	-0.186	-0.045	0.053	0.109
3691	36.90	0.130	0.121	0.090	0.051	0.025	0.036	0.100	0.215	0.359	0.492
3701	37.00	0.573	0.571	0.482	0.325	0.138	-0.032	-0.145	-0.174	-0.113	0.023
3711	37.10	0.204	0.386	0.519	0.565	0.502	0.345	0.139	-0.046	-0.141	-0.106
3721	37.20	0.048	0.258	0.428	0.464	0.320	0.021	-0.345	-0.653	-0.796	-0.734
3731	37.30	-0.511	-0.235	-0.038	-0.012	-0.167	-0.428	-0.666	-0.756	-0.633	-0.323
3741	37.40	0.071	0.413	0.596	0.579	0.406	0.173	-0.020	-0.111	-0.103	-0.051
3751	37.50	-0.025	-0.069	-0.179	-0.305	-0.381	-0.367	-0.264	-0.122	-0.007	0.031
3761	37.60	-0.011	-0.090	-0.138	-0.100	0.032	0.214	0.369	0.422	0.341	0.153
3771	37.70	-0.070	-0.241	-0.302	-0.244	-0.110	0.032	0.123	0.145	0.123	0.110
3781	37.80	0.155	0.277	0.448	0.610	0.697	0.666	0.512	0.273	0.009	-0.221
3791	37.90	-0.373	-0.428	-0.393	-0.285	-0.135	0.028	0.170	0.259	0.274	0.210
3801	38.00	0.090	-0.045	-0.142	-0.163	-0.101	0.013	0.124	0.174	0.131	0.008
3811	38.10	-0.143	-0.255	-0.272	-0.182	-0.017	0.155	0.263	0.265	0.157	-0.021
3821	38.20	-0.211	-0.361	-0.443	-0.455	-0.418	-0.357	-0.290	-0.222	-0.157	-0.098
3831	38.30	-0.057	-0.044	-0.066	-0.114	-0.169	-0.203	-0.201	-0.164	-0.111	-0.069
3841	38.40	-0.053	-0.059	-0.061	-0.025	0.068	0.207	0.350	0.440	0.430	0.308
3851	38.50	0.106	-0.111	-0.272	-0.331	-0.282	-0.164	-0.037	0.046	0.064	0.033
3861	38.60	-0.006	-0.006	0.055	0.170	0.304	0.412	0.462	0.445	0.381	0.304
3871	38.70	0.242	0.208	0.191	0.167	0.115	0.026	-0.087	-0.190	-0.248	-0.235
3881	38.80	-0.150	-0.021	0.106	0.180	0.167	0.064	-0.100	-0.268	-0.382	-0.401
3891	38.90	-0.320	-0.172	-0.015	0.090	0.106	0.033	-0.092	-0.214	-0.285	-0.286
3901	39.00	-0.232	-0.164	-0.125	-0.136	-0.184	-0.230	-0.230	-0.156	-0.014	0.157
3911	39.10	0.303	0.378	0.366	0.283	0.165	0.052	-0.036	-0.096	-0.141	-0.180
3921	39.20	-0.210	-0.212	-0.163	-0.056	0.088	0.224	0.299	0.278	0.159	-0.015
3931	39.30	-0.180	-0.272	-0.260	-0.157	-0.012	0.111	0.163	0.126	0.022	-0.106
3941	39.40	-0.213	-0.270	-0.271	-0.229	-0.164	-0.092	-0.019	0.052	0.118	0.168
3951	39.50	0.191	0.177	0.129	0.062	0.002	-0.030	-0.025	0.007	0.043	0.059
3961	39.60	0.042	-0.004	-0.059	-0.099	-0.107	-0.085	-0.046	-0.014	-0.003	-0.018
3971	39.70	-0.042	-0.052	-0.028	0.039	0.141	0.253	0.347	0.396	0.388	0.321
3981	39.80	0.210	0.075	-0.061	-0.174	-0.249	-0.274	-0.247	-0.171	-0.057	0.080
3991	39.90	0.220	0.339	0.413	0.422	0.356	0.219	0.035	-0.157	-0.312	-0.393

Table 7-93-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1285 S104-GR-1-12 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 41.838 (GAL) T= 8.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.385	-0.303	-0.191	-0.101	-0.075	-0.124	-0.219	-0.306	-0.324	-0.242
4011	40.10	-0.070	0.137	0.304	0.368	0.308	0.154	-0.026	-0.158	-0.195	-0.140
4021	40.20	-0.038	0.050	0.075	0.030	-0.049	-0.107	-0.099	-0.018	0.102	0.201
4031	40.30	0.231	0.180	0.085	0.012	0.022	0.136	0.321	0.502	0.598	0.562
4041	40.40	0.406	0.197	0.022	-0.049	-0.002	0.121	0.242	0.295	0.253	0.144
4051	40.50	0.031	-0.025	0.001	0.078	0.144	0.137	0.036	-0.124	-0.264	-0.304
4061	40.60	-0.206	-0.001	0.223	0.359	0.337	0.157	-0.108	-0.348	-0.472	-0.449
4071	40.70	-0.322	-0.179	-0.101	-0.119	-0.191	-0.231	-0.155	0.058	0.351	0.605
4081	40.80	0.695	0.554	0.210	-0.218	-0.577	-0.747	-0.696	-0.492	-0.266	-0.142
4091	40.90	-0.180	-0.348	-0.543	-0.646	-0.582	-0.359	-0.056	0.212	0.357	0.349
4101	41.00	0.227	0.066	-0.061	-0.121	-0.126	-0.114	-0.120	-0.151	-0.182	-0.178
4111	41.10	-0.118	-0.015	0.092	0.152	0.141	0.071	-0.014	-0.058	-0.026	0.076
4121	41.20	0.204	0.298	0.316	0.248	0.125	-0.002	-0.090	-0.116	-0.091	-0.038
4131	41.30	0.014	0.052	0.071	0.077	0.068	0.045	0.008	-0.027	-0.032	0.022
4141	41.40	0.145	0.310	0.454	0.502	0.407	0.183	-0.085	-0.274	-0.278	-0.069
4151	41.50	0.275	0.589	0.694	0.475	-0.047	-0.714	-1.287	-1.538	-1.355	-0.783
4161	41.60	-0.014	0.695	1.122	1.164	0.865	0.381	-0.090	-0.386	-0.440	-0.282
4171	41.70	-0.010	0.260	0.435	0.473	0.380	0.201	-0.008	-0.189	-0.299	-0.319
4181	41.80	-0.259	-0.156	-0.069	-0.054	-0.142	-0.316	-0.518	-0.663	-0.679	-0.539
4191	41.90	-0.281	0.011	0.244	0.350	0.324	0.211	0.086	0.008	-0.005	0.024
4201	42.00	0.050	0.040	-0.001	-0.034	-0.013	0.085	0.238	0.387	0.463	0.439
4211	42.10	0.302	0.141	0.020	-0.015	0.028	0.093	0.111	0.040	-0.109	-0.273
4221	42.20	-0.376	-0.369	-0.261	-0.113	-0.002	0.023	-0.027	-0.090	-0.086	0.030
4231	42.30	0.237	0.449	0.559	0.492	0.244	-0.108	-0.442	-0.650	-0.680	-0.557
4241	42.40	-0.357	-0.170	-0.050	-0.004	-0.003	-0.010	-0.009	-0.014	-0.047	-0.119
4251	42.50	-0.208	-0.264	-0.238	-0.117	0.067	0.242	0.333	0.305	0.182	0.035
4261	42.60	-0.058	-0.058	0.013	0.083	0.073	-0.050	-0.249	-0.432	-0.496	-0.392
4271	42.70	-0.155	0.106	0.265	0.245	0.063	-0.169	-0.305	-0.236	0.046	0.441
4281	42.80	0.786	0.935	0.830	0.528	0.173	-0.084	-0.154	-0.052	0.120	0.234
4291	42.90	0.209	0.054	-0.138	-0.243	-0.176	0.058	0.364	0.600	0.650	0.477
4301	43.00	0.147	-0.208	-0.446	-0.482	-0.321	-0.045	0.224	0.385	0.392	0.267
4311	43.10	0.076	-0.102	-0.214	-0.242	-0.201	-0.120	-0.026	0.064	0.145	0.215
4321	43.20	0.270	0.306	0.322	0.322	0.318	0.319	0.327	0.329	0.306	0.241
4331	43.30	0.131	-0.006	-0.137	-0.229	-0.263	-0.247	-0.210	-0.186	-0.202	-0.255
4341	43.40	-0.318	-0.350	-0.319	-0.220	-0.083	0.040	0.092	0.043	-0.099	-0.290
4351	43.50	-0.459	-0.545	-0.519	-0.398	-0.239	-0.115	-0.088	-0.176	-0.346	-0.523
4361	43.60	-0.617	-0.564	-0.349	-0.019	0.333	0.605	0.723	0.673	0.503	0.300
4371	43.70	0.157	0.127	0.204	0.330	0.423	0.415	0.286	0.072	-0.159	-0.331
4381	43.80	-0.405	-0.385	-0.315	-0.249	-0.223	-0.231	-0.238	-0.201	-0.100	0.042
4391	43.90	0.166	0.205	0.115	-0.093	-0.354	-0.575	-0.673	-0.611	-0.413	-0.153
4401	44.00	0.080	0.223	0.258	0.217	0.157	0.128	0.153	0.216	0.280	0.309
4411	44.10	0.289	0.234	0.179	0.159	0.190	0.262	0.345	0.399	0.401	0.344
4421	44.20	0.248	0.143	0.064	0.031	0.053	0.119	0.207	0.287	0.330	0.314
4431	44.30	0.232	0.101	-0.042	-0.152	-0.186	-0.129	-0.004	0.137	0.224	0.204
4441	44.40	0.062	-0.169	-0.420	-0.614	-0.702	-0.681	-0.594	-0.504	-0.460	-0.473
4451	44.50	-0.508	-0.506	-0.419	-0.236	0.003	0.226	0.360	0.367	0.265	0.113
4461	44.60	-0.014	-0.064	-0.035	0.033	0.074	0.039	-0.081	-0.247	-0.392	-0.456
4471	44.70	-0.408	-0.266	-0.079	0.093	0.208	0.256	0.252	0.221	0.181	0.130
4481	44.80	0.060	-0.035	-0.147	-0.246	-0.299	-0.285	-0.210	-0.110	-0.031	-0.009
4491	44.90	-0.045	-0.107	-0.146	-0.119	-0.016	0.131	0.266	0.336	0.323	0.252

Table 7-93-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1285 S104-GR-1-12 HB. (HB.) TSUKINOKI BRIDGE MAX. ACC. = 41.838 (GAL) T= 8.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.183	0.179	0.267	0.425	0.583	0.656	0.584	0.368	0.069	-0.212
4511	45.10	-0.379	-0.383	-0.243	-0.037	0.135	0.194	0.119	-0.051	-0.234	-0.350
4521	45.20	-0.353	-0.254	-0.109	0.007	0.040	-0.021	-0.141	-0.256	-0.308	-0.273
4531	45.30	-0.172	-0.060	0.003	-0.017	-0.111	-0.231	-0.309	-0.292	-0.170	0.019
4541	45.40	0.207	0.320	0.318	0.210	0.052	-0.078	-0.118	-0.048	0.100	0.258
4551	45.50	0.354	0.345	0.238	0.083	-0.050	-0.107	-0.076	0.010	0.088	0.105
4561	45.60	0.039	-0.079	-0.185	-0.207	-0.105	0.110	0.378	0.613	0.741	0.732
4571	45.70	0.610	0.441	0.296	0.227	0.241	0.304	0.362	0.367	0.301	0.179
4581	45.80	0.039	-0.078	-0.147	-0.166	-0.150	-0.122	-0.096	-0.074	-0.052	-0.027
4591	45.90	-0.006	-0.004	-0.033	-0.098	-0.185	-0.265	-0.309	-0.298	-0.239	-0.158
4601	46.00	-0.091	-0.064	-0.084	-0.135	-0.187	-0.215	-0.212	-0.195	-0.189	-0.213
4611	46.10	-0.266	-0.325	-0.349	-0.310	-0.205	-0.065	0.058	0.114	0.080	-0.024
4621	46.20	-0.140	-0.201	-0.158	-0.007	0.210	0.420	0.553	0.572	0.488	0.354
4631	46.30	0.232	0.168	0.168	0.196	0.201	0.141	0.011	-0.152	-0.284	-0.328
4641	46.40	-0.260	-0.103	0.080	0.216	0.251	0.180	0.040	-0.101	-0.185	-0.183
4651	46.50	-0.112	-0.022	0.030	0.007	-0.086	-0.208	-0.301	-0.317	-0.243	-0.103
4661	46.60	0.051	0.166	0.211	0.193	0.147	0.119	0.146	0.232	0.350	0.452
4671	46.70	0.492	0.446	0.320	0.147	-0.028	-0.163	-0.238	-0.255	-0.233	-0.196
4681	46.80	-0.160	-0.134	-0.115	-0.100	-0.088	-0.086	-0.100	-0.137	-0.191	-0.247
4691	46.90	-0.283	-0.282	-0.236	-0.152	-0.051	0.041	0.102	0.123	0.110	0.081
4701	47.00	0.057	0.054	0.074	0.106	0.128	0.122	0.076	-0.008	-0.109	-0.202
4711	47.10	-0.256	-0.255	-0.195	-0.094	0.019	0.109	0.148	0.127	0.056	-0.037
4721	47.20	-0.119	-0.158	-0.140	-0.074	0.016	0.093	0.126	0.100	0.023	-0.081
4731	47.30	-0.176	-0.231	-0.233	-0.190	-0.129	-0.083	-0.082	-0.136	-0.239	-0.364
4741	47.40	-0.477	-0.547	-0.558	-0.507	-0.410	-0.289	-0.167	-0.062	0.016	0.068

Table 7-94-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1286 308-GR-1-16 HA. (HA.) ITAJIMA BRIDGE MAX. ACC. = 30.468 (GAL) T= 7.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.499	-1.530
11	0.10	-1.393	-1.326	-1.568	-2.223	-3.189	-4.180	-4.841	-4.915	-4.353	-3.338
21	0.20	-2.184	-1.177	-0.419	0.225	1.064	2.409	4.382	6.803	9.192	10.924
31	0.30	11.440	10.462	8.100	4.836	1.384	-1.505	-3.241	-3.528	-2.417	-0.278
41	0.40	2.284	4.566	5.915	5.887	4.365	1.606	-1.818	-5.174	-7.796	-9.282
51	0.50	-9.606	-9.083	-8.201	-7.404	-6.921	-6.724	-6.623	-6.445	-6.177	-5.981
61	0.60	-6.071	-6.507	-7.032	-7.086	-6.017	-3.426	0.528	5.035	8.861	10.703
71	0.70	9.915	6.648	1.950	-2.642	-5.696	-6.454	-5.101	-2.623	-0.334	0.732
81	0.80	0.257	-1.266	-2.820	-3.362	-2.306	0.247	3.604	6.835	9.194	10.393
91	0.90	10.625	10.343	9.953	9.569	8.983	7.816	5.792	2.947	-0.310	-3.323
101	1.00	-5.446	-6.280	-5.818	-4.430	-2.715	-1.305	-0.699	-1.158	-2.687	-5.052
111	1.10	-7.832	-10.484	-12.434	-13.195	-12.498	-10.383	-7.211	-3.564	-0.061	2.844
121	1.20	4.986	6.492	7.661	8.778	9.964	11.128	12.040	12.470	12.308	11.611
131	1.30	10.539	9.251	7.820	6.238	4.490	2.655	0.963	-0.382	-1.165	-1.502
141	1.40	-1.771	-2.465	-3.891	-5.876	-7.655	-8.059	-5.984	-0.948	8.512	14.849
151	1.50	21.950	25.902	25.727	21.781	15.600	9.233	4.366	1.617	0.346	-0.923
161	1.60	-3.663	-8.475	-14.660	-20.305	-23.283	-22.080	-16.691	-8.769	-1.050	3.731
171	1.70	3.942	-0.292	-7.204	-14.203	-18.997	-20.535	-19.314	-16.955	-15.271	-15.311
181	1.80	-16.845	-18.542	-18.728	-16.332	-11.509	-5.624	-0.584	2.135	2.269	0.919
191	1.90	-0.022	1.098	4.716	9.666	13.619	14.187	10.190	2.438	-6.368	-12.656
201	2.00	-13.481	-7.840	2.809	15.076	25.001	29.642	28.213	22.266	14.883	9.272
211	2.10	7.390	9.209	12.892	15.753	15.532	11.405	4.313	-3.481	-9.374	-11.499
221	2.20	-9.427	-4.266	1.848	6.618	8.437	6.923	2.954	-1.755	-5.355	-6.564
231	2.30	-5.133	-1.904	1.552	3.581	3.153	0.346	-3.596	-6.699	-7.058	-3.893
241	2.40	2.875	10.643	16.769	18.664	15.096	6.832	-3.487	-12.257	-16.282	-14.058
251	2.50	-6.430	3.663	12.292	16.034	13.274	4.777	-6.680	-17.444	-24.394	-26.061
261	2.60	-23.000	-17.333	-11.709	-8.153	-7.302	-8.319	-9.473	-9.093	-6.427	-2.058
271	2.70	2.324	4.660	3.444	-1.578	-9.220	-17.266	-23.262	-25.407	-23.110	-17.072
281	2.80	-8.866	-0.260	7.413	13.565	18.263	21.857	24.567	26.284	26.688	25.577
291	2.90	23.198	20.312	17.906	16.665	16.476	16.302	14.566	9.944	2.207	-7.328
301	3.00	-16.045	-20.956	-19.940	-12.752	-1.304	10.951	20.304	24.169	21.971	15.140
311	3.10	6.279	-2.074	-8.472	-12.914	-16.411	-20.068	-24.212	-28.050	-30.054	-28.819
321	3.20	-23.953	-16.468	-8.458	-2.201	0.852	0.692	-1.341	-3.295	-3.610	-1.864
331	3.30	1.095	3.670	4.385	2.656	-0.931	-4.942	-7.797	-8.482	-6.887	-3.662
341	3.40	0.287	4.321	8.309	12.453	16.854	21.101	24.189	24.870	22.294	16.599
351	3.50	9.107	1.972	-2.611	-3.297	-0.165	5.299	10.793	14.122	14.034	10.605
361	3.60	5.061	-0.862	-5.689	-8.743	-10.258	-11.045	-11.934	-13.286	-14.803	-15.731
371	3.70	-15.298	-13.191	-9.803	-6.134	-3.402	-2.526	-3.737	-6.479	-9.634	-11.975
381	3.80	-12.631	-11.369	-8.588	-5.051	-1.500	1.664	4.483	7.311	10.517	14.198
391	3.90	18.036	21.379	23.498	23.898	22.525	19.790	16.399	13.074	10.318	8.298
401	4.00	6.892	5.849	4.950	4.100	3.319	2.653	2.090	1.523	0.790	-0.258
411	4.10	-1.695	-3.516	-5.673	-8.106	-10.749	-13.470	-16.014	-17.983	-18.932	-18.539
421	4.20	-16.793	-14.085	-11.123	-8.681	-7.277	-6.939	-7.187	-7.252	-6.447	-4.504
431	4.30	-1.710	1.222	3.498	4.619	4.601	3.943	3.366	3.465	4.466	6.199
441	4.40	8.270	10.314	12.170	13.870	15.468	16.823	17.510	16.923	14.553	10.298
451	4.50	4.617	-1.555	-7.119	-11.191	-13.370	-13.770	-12.833	-11.052	-8.776	-6.200
461	4.60	-3.520	-1.109	0.442	0.511	-1.213	-4.424	-8.131	-10.951	-11.672	-9.840
471	4.70	-6.066	-1.869	0.944	1.079	-1.610	-5.969	-9.976	-11.585	-9.601	-4.211
481	4.80	3.070	10.007	14.523	15.476	13.006	8.349	3.240	-0.804	-2.999	-3.438
491	4.90	-2.855	-2.168	-2.051	-2.695	-3.849	-5.043	-5.856	-6.099	-5.829	-5.234

Table 7-94-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1286 308-GR-1-16 HA. (HA.) ITAJIMA BRIDGE MAX. ACC. = 30.468 (GAL) T= 7.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-4.475	-3.590	-2.505	-1.151	0.410	1.913	2.946	3.114	2.255	0.592
511	5.10	-1.251	-2.421	-2.147	-0.076	3.497	7.621	10.947	12.185	10.612	6.431
521	5.20	0.824	-4.357	-7.188	-6.350	-1.643	5.868	14.151	20.856	24.086	23.012
531	5.30	18.119	10.989	3.735	-1.712	-4.198	-3.629	-0.880	2.601	5.321	6.220
541	5.40	4.941	1.864	-2.090	-5.769	-8.131	-8.533	-6.895	-3.745	-0.099	2.772
551	5.50	3.689	1.911	-2.585	-9.017	-15.955	-21.701	-24.802	-24.512	-21.048	-15.517
561	5.60	-9.540	-4.691	-1.975	-1.522	-2.624	-4.080	-4.704	-3.788	-1.327	2.045
571	5.70	5.375	7.799	8.865	8.639	7.589	6.315	5.293	4.727	4.589	4.760
581	5.80	5.211	6.075	7.584	9.694	12.896	16.123	18.821	20.166	19.544	16.782
591	5.90	12.224	6.637	0.992	-3.802	-7.094	-8.592	-8.346	-6.670	-4.045	-1.047
601	6.00	1.713	3.644	4.259	3.274	0.702	-3.094	-7.443	-11.489	-14.376	-15.453
611	6.10	-14.434	-11.476	-7.167	-2.417	1.720	4.272	4.574	2.461	-1.651	-6.823
621	6.20	-11.804	-15.367	-16.655	-15.437	-12.159	-7.769	-3.369	0.163	2.434	3.565
631	6.30	3.993	4.148	4.170	3.822	2.646	0.295	-3.128	-6.919	-9.908	-10.874
641	6.40	-9.062	-4.577	1.542	7.631	11.985	13.504	12.100	8.721	4.953	2.368
651	6.50	1.900	3.505	6.254	8.805	10.050	9.640	8.142	6.756	6.703	8.567
661	6.60	11.905	15.313	16.984	15.500	10.546	3.185	-4.454	-9.991	-11.774	-9.614
671	6.70	-4.930	-0.204	2.036	0.295	-5.227	-12.683	-19.324	-22.635	-21.366	-16.010
681	6.80	-8.552	-1.592	2.721	3.492	1.273	-2.393	-5.802	-7.880	-8.549	-8.533
691	6.90	-8.750	-9.650	-10.863	-11.364	-10.045	-6.406	-0.951	4.923	9.539	11.747
701	7.00	11.521	10.034	9.127	10.429	14.524	20.588	26.664	30.468	30.348	25.968
711	7.10	18.416	9.705	1.960	-3.469	-6.196	-6.858	-6.478	-5.874	-5.282	-4.399
721	7.20	-2.776	-0.318	2.423	4.328	4.167	1.203	-4.364	-11.351	-17.986	-22.592
731	7.30	-24.238	-23.089	-20.285	-17.416	-15.831	-16.081	-17.724	-19.558	-20.159	-18.489
741	7.40	-14.303	-8.235	-1.519	4.481	8.767	11.008	11.570	11.287	11.077	11.573
751	7.50	12.899	14.668	16.195	16.820	16.235	14.651	12.766	11.512	11.677	13.562
761	7.60	16.794	20.404	23.141	23.916	22.198	18.190	12.727	6.918	1.709	-2.450
771	7.70	-5.690	-8.524	-11.488	-14.791	-18.162	-20.970	-22.544	-22.538	-21.144	-19.024
781	7.80	-17.019	-15.742	-15.304	-15.283	-14.982	-13.830	-11.722	-9.123	-6.859	-5.696
791	7.90	-5.917	-7.116	-8.310	-8.357	-6.465	-2.570	2.604	7.833	11.902	14.098
801	8.00	14.475	13.767	13.015	13.069	14.202	16.003	17.591	18.027	16.757	13.865
811	8.10	10.056	6.360	3.725	2.655	3.040	4.265	5.491	6.018	5.542	4.217
821	8.20	2.512	0.935	-0.231	-1.071	-1.983	-3.479	-5.914	-9.296	-13.235	-17.062
831	8.30	-20.061	-21.692	-21.725	-20.246	-17.548	-14.003	-9.966	-5.765	-1.737	1.738
841	8.40	4.269	5.557	5.526	4.389	2.599	0.676	-1.002	-2.344	-3.513	-4.727
851	8.50	-5.987	-6.896	-6.701	-4.596	-0.165	6.247	13.465	19.788	23.598	24.006
861	8.60	21.231	16.524	11.623	7.992	6.194	5.690	5.194	3.394	-0.283	-5.271
871	8.70	-10.013	-12.641	-11.850	-7.557	-1.042	5.539	10.030	11.147	8.969	4.807
881	8.80	0.559	-2.158	-2.689	-1.537	-0.009	0.488	-0.840	-3.789	-7.266	-9.816
891	8.90	-10.313	-8.487	-5.044	-1.342	1.219	1.817	0.556	-1.605	-3.287	-3.324
901	9.00	-1.281	2.328	6.231	8.905	9.193	6.774	2.303	-2.828	-7.008	-8.989
911	9.10	-8.317	-5.432	-1.438	2.376	5.022	6.140	6.024	5.361	4.811	4.645
921	9.20	4.578	3.911	1.886	-1.875	-7.071	-12.696	-17.322	-19.592	-18.735	-14.892
931	9.30	-9.125	-3.089	1.518	3.519	2.646	-0.402	-4.238	-7.297	-8.383	-7.065
941	9.40	-3.767	0.452	4.342	6.935	7.882	7.518	6.651	6.184	6.725	8.364
951	9.50	10.675	12.936	14.442	14.769	13.867	11.993	9.528	6.801	4.030	1.374
961	9.60	-0.940	-2.553	-3.030	-2.061	0.283	3.402	6.228	7.527	6.359	2.487
971	9.70	-3.443	-10.055	-15.690	-18.973	-19.273	-16.876	-12.808	-8.421	-4.904	-2.926
981	9.80	-2.531	-3.263	-4.448	-5.460	-5.905	-5.653	-4.787	-3.508	-2.063	-0.693
991	9.90	0.411	1.161	1.638	2.113	2.993	4.667	7.300	10.681	14.193	16.980

Table 7-94-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1286 308-GR-1-16 HA. (HA.) ITAJIMA BRIDGE MAX. ACC. = 30.468 (GAL) T= 7.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	18.247	17.570	15.093	11.480	7.666	4.489	2.369	1.307	0.807	0.372
1011	10.10	-0.316	-1.235	-2.108	-2.644	-2.793	-2.867	-3.434	-5.029	-7.829	-11.454
1021	10.20	-15.030	-17.493	-18.009	-16.323	-12.869	-8.600	-4.607	-1.709	-0.189	0.224
1031	10.30	0.135	0.164	0.665	1.618	2.710	3.543	3.839	3.548	2.818	1.876
1041	10.40	0.887	-0.074	-0.997	-1.823	-2.370	-2.346	-1.485	0.282	2.695	5.163
1051	10.50	7.034	7.675	6.917	5.062	2.796	0.908	-0.030	0.110	0.995	2.019
1061	10.60	2.615	2.510	1.828	0.984	0.426	0.392	0.790	1.271	1.454	1.168
1071	10.70	0.571	0.076	0.111	0.849	2.065	3.193	3.591	2.855	1.041	-1.347
1081	10.80	-3.595	-5.115	-5.717	-5.653	-5.420	-5.431	-5.740	-5.984	-5.601	-4.192
1091	10.90	-1.849	0.772	2.693	3.084	1.725	-0.795	-3.259	-4.350	-3.259	-0.105
1101	11.00	4.067	7.725	9.511	8.837	6.115	2.524	-0.556	-2.176	-2.198	-1.251
1111	11.10	-0.313	-0.143	-0.868	-1.922	-2.380	-1.480	0.917	4.190	7.195	8.771
1121	11.20	8.262	5.791	2.185	-1.419	-4.066	-5.356	-5.511	-5.162	-4.961	-5.239
1131	11.30	-5.862	-6.332	-6.064	-4.680	-2.185	1.044	4.415	7.347	9.439	10.539
1141	11.40	10.707	10.135	9.068	7.757	6.439	5.307	4.474	3.918	3.468	2.856
1151	11.50	1.825	0.259	-1.732	-3.828	-5.624	-6.796	-7.233	-7.060	-6.538	-5.897
1161	11.60	-5.201	-4.330	-3.098	-1.446	0.404	1.948	2.564	1.800	-0.381	-3.517
1171	11.70	-6.791	-9.367	-10.740	-10.947	-10.525	-10.213	-10.554	-11.588	-12.775	-13.214
1181	11.80	-12.043	-8.840	-3.848	2.084	7.796	12.206	14.640	14.953	13.462	10.735
1191	11.90	7.393	3.981	0.952	-1.297	-2.432	-2.240	-0.749	1.688	4.437	6.763
1201	12.00	8.106	8.323	7.759	7.087	6.977	7.733	9.086	10.262	10.307	8.537
1211	12.10	4.904	0.096	-4.694	-8.212	-9.636	-8.876	-6.566	-3.762	-1.497	-0.392
1221	12.20	-0.491	-1.370	-2.420	-3.172	-3.481	-3.505	-3.526	-3.717	-3.999	-4.072
1231	12.30	-3.588	-2.386	-0.637	1.169	2.408	2.591	1.601	-0.228	-2.221	-3.615
1241	12.40	-3.844	-2.747	-0.608	1.973	4.305	5.851	6.376	5.979	4.998	3.861
1251	12.50	2.936	2.435	2.394	2.711	3.215	3.725	4.097	4.234	4.101	3.719
1261	12.60	3.163	2.551	2.022	1.692	1.614	1.745	1.946	2.025	1.799	1.163
1271	12.70	0.134	-1.159	-2.532	-3.818	-4.947	-5.958	-6.970	-8.096	-9.367	-10.679
1281	12.80	-11.830	-12.600	-12.866	-12.679	-12.260	-11.910	-11.859	-12.142	-12.550	-12.701
1291	12.90	-12.216	-10.904	-8.888	-6.582	-4.530	-3.166	-2.602	-2.555	-2.454	-1.691
1301	13.00	0.091	2.815	5.973	8.831	10.742	11.425	11.086	10.312	9.796	10.017
1311	13.10	11.029	12.449	13.653	14.080	13.492	12.065	10.275	8.639	7.452	6.647
1321	13.20	5.855	4.637	2.749	0.326	-2.136	-3.982	-4.689	-4.111	-2.545	-0.593
1331	13.30	1.109	2.172	2.592	2.700	2.949	3.644	4.758	5.929	6.617	6.360
1341	13.40	5.000	2.765	0.194	-2.066	-3.474	-3.764	-2.964	-1.321	0.814	3.097
1351	13.50	5.229	6.952	8.021	8.208	7.339	5.365	2.412	-1.213	-5.076	-8.698
1361	13.60	-11.641	-13.564	-14.241	-13.580	-11.639	-8.674	-5.157	-1.750	0.828	2.006
1371	13.70	1.587	-0.118	-2.334	-4.066	-4.475	-3.232	-0.706	2.131	4.065	4.124
1381	13.80	2.001	-1.772	-5.978	-9.143	-10.065	-8.234	-3.995	1.600	7.174	11.464
1391	13.90	13.677	13.626	11.669	8.486	4.835	1.352	-1.544	-3.657	-4.968	-5.579
1401	14.00	-5.662	-5.416	-5.029	-4.642	-4.319	-4.060	-3.833	-3.636	-3.538	-3.675
1411	14.10	-4.196	-5.167	-6.491	-7.896	-8.996	-9.438	-9.045	-7.917	-6.409	-5.013
1421	14.20	-4.168	-4.080	-4.632	-5.418	-5.887	-5.544	-4.128	-1.707	1.344	4.461
1431	14.30	7.076	8.784	9.456	9.261	8.602	7.977	7.827	8.400	9.676	11.382
1441	14.40	13.076	14.285	14.642	13.990	12.409	10.175	7.669	5.268	3.269	1.840
1451	14.50	1.030	0.785	0.982	1.443	1.957	2.299	2.271	1.756	0.768	-0.531
1461	14.60	-1.868	-2.933	-3.492	-3.475	-3.007	-2.385	-1.974	-2.093	-2.902	-4.344
1471	14.70	-6.346	-7.888	-9.106	-9.416	-8.621	-6.781	-4.219	-1.463	0.888	2.328
1481	14.80	2.600	1.783	0.275	-1.343	-2.507	-2.875	-2.437	-1.497	-0.525	0.056
1491	14.90	0.049	-0.450	-1.118	-1.577	-1.567	-1.061	-0.248	0.585	1.199	1.499

Table 7-94-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1286 308-GR-1-16 HA. (HA.) ITAJIMA BRIDGE MAX. ACC. = 30.468 (GAL) T= 7.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.540	1.432	1.226	0.854	0.164	-0.955	-2.443	-4.004	-5.182	-5.539
1511	15.10	-4.878	-3.373	-1.546	-0.072	0.493	-0.050	-1.458	-3.167	-4.540	-5.142
1521	15.20	-4.912	-4.138	-3.290	-2.767	-2.722	-3.015	-3.338	-3.407	-3.133	-2.665
1531	15.30	-2.293	-2.263	-2.608	-3.092	-3.306	-2.863	-1.606	0.288	2.362	4.068
1541	15.40	5.001	5.085	4.606	4.094	4.108	5.015	6.856	9.355	12.035	14.403
1551	15.50	16.093	16.951	17.010	16.416	15.341	13.915	12.217	10.294	8.200	6.013
1561	15.60	3.839	1.800	0.011	-1.428	-2.442	-2.994	-3.102	-2.861	-2.469	-2.107
1571	15.70	-2.083	-2.551	-3.545	-4.938	-6.486	-7.930	-9.108	-10.030	-10.867	-11.851
1581	15.80	-13.134	-14.660	-16.130	-17.087	-17.089	-15.905	-13.641	-10.732	-7.797	-5.416
1591	15.90	-3.917	-3.273	-3.147	-3.062	-2.609	-1.610	-0.153	1.499	3.064	4.398
1601	16.00	5.547	6.696	8.035	9.618	11.298	12.764	13.680	13.832	13.240	12.151
1611	16.10	10.934	9.921	9.270	8.908	8.583	7.989	6.905	5.286	3.270	1.111
1621	16.20	-0.927	-2.666	-4.047	-5.119	-5.976	-6.696	-7.301	-7.755	-7.986	-7.932
1631	16.30	-7.567	-6.919	-6.073	-5.159	-4.331	-3.745	-3.519	-3.697	-4.213	-4.886
1641	16.40	-5.445	-5.596	-5.116	-3.933	-2.174	-0.161	1.766	3.169	3.833	3.734
1651	16.50	3.069	2.184	1.463	1.207	1.547	2.620	3.605	4.814	5.788	6.389
1661	16.60	6.623	6.629	6.605	6.722	7.055	7.551	8.047	8.336	8.250	7.720
1671	16.70	6.809	5.681	4.543	3.564	2.825	2.296	1.857	1.357	0.662	-0.293
1681	16.80	-1.495	-2.864	-4.280	-5.613	-6.750	-7.611	-8.163	-8.419	-8.445	-8.342
1691	16.90	-8.236	-8.240	-8.431	-8.823	-9.366	-9.957	-10.462	-10.743	-10.678	-10.184
1701	17.00	-9.223	-7.826	-6.098	-4.222	-2.429	-0.948	0.074	0.624	0.854	1.031
1711	17.10	1.445	2.278	3.518	4.936	6.167	6.852	6.796	6.060	4.952	3.912
1721	17.20	3.340	3.445	4.177	5.271	6.378	7.210	7.650	7.755	7.688	7.605
1731	17.30	7.564	7.516	7.336	6.932	6.303	5.550	4.825	4.245	3.825	3.463
1741	17.40	3.094	2.324	1.412	0.381	-0.575	-1.279	-1.655	-1.756	-1.733	-1.744
1751	17.50	-1.873	-2.102	-2.336	-2.496	-2.591	-2.742	-3.136	-3.905	-5.021	-6.243
1761	17.60	-7.172	-7.392	-6.654	-5.008	-2.820	-0.671	0.855	1.380	0.871	-0.354
1771	17.70	-1.757	-2.787	-3.085	-2.604	-1.599	-0.502	0.256	0.419	-0.009	-0.788
1781	17.80	-1.547	-1.940	-1.782	-1.109	-0.169	0.682	1.095	0.858	-0.045	-1.428
1791	17.90	-2.964	-4.282	-5.078	-5.193	-4.645	-3.607	-2.349	-1.152	-0.236	0.295
1801	18.00	0.456	0.352	0.128	-0.085	-0.214	-0.256	-0.258	-0.291	-0.409	-0.623
1811	18.10	-0.903	-1.186	-1.405	-1.531	-1.570	-1.573	-1.601	-1.698	-1.852	-1.985
1821	18.20	-1.973	-1.686	-1.056	-0.121	0.955	1.916	2.492	2.502	1.937	0.989
1831	18.30	0.012	-0.595	-0.527	0.311	1.761	3.462	4.978	5.958	6.255	5.956
1841	18.40	5.327	4.675	4.219	4.006	3.922	3.784	3.463	2.973	2.481	2.229
1851	18.50	2.406	3.036	3.933	4.756	5.145	4.859	3.877	2.396	0.740	-0.777
1861	18.60	-1.970	-2.835	-3.513	-4.191	-4.989	-5.896	-6.773	-7.411	-7.622	-7.307
1871	18.70	-6.481	-5.253	-3.773	-2.201	-0.677	0.671	1.721	2.362	2.529	2.230
1881	18.80	1.578	0.774	0.056	-0.369	-0.395	-0.031	0.615	1.398	2.194	2.926
1891	18.90	3.557	4.044	4.312	4.247	3.746	2.786	1.476	0.060	-1.156	-1.913
1901	19.00	-2.106	-1.841	-1.385	-1.050	-1.050	-1.400	-1.907	-2.269	-2.224	-1.692
1911	19.10	-0.832	0.017	0.480	0.314	-0.470	-1.614	-2.714	-3.399	-3.482	-3.037
1921	19.20	-2.344	-1.752	-1.513	-1.664	-2.011	-2.229	-2.011	-1.216	0.062	1.525
1931	19.30	2.798	3.574	3.733	3.368	2.730	2.105	1.699	1.571	1.636	1.741
1941	19.40	1.762	1.673	1.556	1.553	1.780	2.256	2.876	3.452	3.789	3.770
1951	19.50	3.408	2.829	2.214	1.717	1.404	1.243	1.144	1.024	0.865	0.721
1961	19.60	0.678	0.789	1.010	1.196	1.150	0.713	-0.142	-1.275	-2.420	-3.284
1971	19.70	-3.675	-3.589	-3.217	-2.859	-2.792	-3.139	-3.812	-4.544	-5.006	-4.950
1981	19.80	-4.314	-3.247	-2.032	-0.973	-0.263	0.069	0.144	0.147	0.224	0.415
1991	19.90	0.647	0.788	0.735	0.473	0.090	-0.271	-0.479	-0.482	-0.327	-0.124

Table 7-94-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1286 308-GR-1-16 HA. (HA.) ITAJIMA BRIDGE MAX. ACC. = 30.468 (GAL) T= 7.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.014	0.032	-0.041	-0.121	-0.122	-0.020	0.127	0.199	0.079	-0.287
2011	20.10	-0.851	-1.484	-2.027	-2.366	-2.473	-2.409	-2.271	-2.132	-1.989	-1.766
2021	20.20	-1.363	-0.722	0.116	1.014	1.786	2.295	2.528	2.616	2.786	3.251
2031	20.30	4.093	5.197	6.265	6.925	6.879	6.031	4.544	2.788	1.210	0.170
2041	20.40	-0.184	0.050	0.580	1.051	1.175	0.827	0.058	-0.953	-1.984	-2.853
2051	20.50	-3.457	-3.771	-3.818	-3.633	-3.257	-2.738	-2.154	-1.619	-1.262	-1.187
2061	20.60	-1.427	-1.918	-2.516	-3.042	-3.348	-3.371	-3.147	-2.786	-2.418	-2.138
2071	20.70	-1.974	-1.896	-1.843	-1.766	-1.644	-1.485	-1.297	-1.064	-0.745	-0.291
2081	20.80	0.310	0.996	1.631	2.032	2.044	1.607	0.801	-0.171	-1.039	-1.567
2091	20.90	-1.629	-1.250	-0.581	0.171	0.831	1.321	1.676	2.005	2.422	2.976
2101	21.00	3.620	4.227	4.644	4.763	4.574	4.164	3.689	3.300	3.086	3.037
2111	21.10	3.064	3.044	2.886	2.581	2.208	1.902	1.786	1.912	2.222	2.560
2121	21.20	2.721	2.526	1.891	0.855	-0.431	-1.754	-2.910	-3.759	-4.251	-4.419
2131	21.30	-4.346	-4.121	-3.811	-3.456	-3.071	-2.679	-2.308	-1.987	-1.740	-1.560
2141	21.40	-1.410	-1.232	-0.968	-0.593	-0.121	0.401	0.914	1.375	1.777	2.146
2151	21.50	2.520	2.925	3.350	3.756	4.093	4.322	4.439	4.468	4.435	4.336
2161	21.60	4.118	3.688	2.959	1.897	0.572	-0.842	-2.111	-3.020	-3.462	-3.480
2171	21.70	-3.262	-3.066	-3.125	-3.549	-4.291	-5.175	-5.974	-6.515	-6.742	-6.725
2181	21.80	-6.612	-6.540	-6.562	-6.625	-6.595	-6.338	-5.784	-4.970	-4.016	-3.062
2191	21.90	-2.193	-1.403	-0.606	0.303	1.370	2.534	3.643	4.516	5.033	5.200
2201	22.00	5.147	5.073	5.139	5.391	5.737	5.991	5.977	5.620	4.986	4.243
2211	22.10	3.570	3.049	2.618	2.304	1.324	0.203	-1.153	-2.479	-3.465	-3.894
2221	22.20	-3.754	-3.255	-2.726	-2.468	-2.601	-3.015	-3.427	-3.534	-3.173	-2.413
2231	22.30	-1.534	-0.888	-0.730	-1.085	-1.729	-2.291	-2.428	-1.977	-1.029	0.126
2241	22.40	1.145	1.791	2.039	2.063	2.135	2.469	3.110	3.902	4.570	4.855
2251	22.50	4.642	4.025	3.263	2.669	2.469	2.705	3.221	3.734	3.949	3.684
2261	22.60	2.926	1.830	0.641	-0.395	-1.122	-1.508	-1.634	-1.647	-1.692	-1.862
2271	22.70	-2.182	-2.611	-3.068	-3.466	-3.730	-3.813	-3.693	-3.376	-2.895	-2.313
2281	22.80	-1.722	-1.230	-0.936	-0.898	-1.093	-1.406	-1.647	-1.605	-1.119	-0.148
2291	22.90	1.191	2.645	3.898	4.677	4.842	4.439	3.676	2.840	2.191	1.863
2301	23.00	1.834	1.959	2.051	1.982	1.738	1.424	1.203	1.209	1.474	1.899
2311	23.10	2.297	2.463	2.266	1.699	0.880	0.006	-0.729	-1.200	-1.389	-1.374
2321	23.20	-1.287	-1.255	-1.358	-1.602	-1.933	-2.265	-2.515	-2.633	-2.619	-2.515
2331	23.30	-2.394	-2.331	-2.379	-2.546	-2.794	-3.044	-3.206	-3.192	-2.971	-2.558
2341	23.40	-2.019	-1.448	-0.934	-0.540	-0.288	-0.158	-0.110	-0.096	-0.071	-0.003
2351	23.50	0.133	0.351	0.657	1.036	1.450	1.835	2.118	2.230	2.133	1.827
2361	23.60	1.355	0.785	0.196	-0.343	-0.775	-1.059	-1.172	-1.109	-0.894	-0.584
2371	23.70	-0.273	-0.066	-0.054	-0.270	-0.674	-1.156	-1.573	-1.805	-1.805	-1.620
2381	23.80	-1.377	-1.225	-1.272	-1.539	-1.942	-2.333	-2.554	-2.502	-2.162	-1.609
2391	23.90	-0.962	-0.340	0.184	0.598	0.935	1.238	1.531	1.806	2.034	2.188
2401	24.00	2.266	2.305	2.358	2.477	2.677	2.928	3.162	3.394	3.300	3.144
2411	24.10	2.881	2.589	2.366	2.204	2.174	2.225	2.305	2.366	2.374	2.520
2421	24.20	2.207	2.042	1.821	1.533	1.171	0.739	0.265	-0.201	-0.606	-0.908
2431	24.30	-1.098	-1.203	-1.276	-1.374	-1.531	-1.745	-1.975	-2.154	-2.222	-2.143
2441	24.40	-1.919	-1.594	-1.231	-0.895	-0.634	-0.472	-0.407	-0.425	-0.498	-0.595
2451	24.50	-0.681	-0.713	-0.643	-0.431	-0.052	0.485	1.130	1.797	2.374	2.746
2461	24.60	2.823	2.557	1.958	1.095	0.090	-0.908	-1.749	-2.322	-2.577	-2.543
2471	24.70	-2.320	-2.041	-1.834	-1.768	-1.836	-1.955	-2.011	-1.909	-1.624	-1.212
2481	24.80	-0.795	-0.501	-0.411	-0.515	-0.720	-0.894	-0.927	-0.789	-0.540	-0.301
2491	24.90	-0.188	-0.251	-0.440	-0.623	-0.648	-0.415	0.071	0.696	1.280	1.656

Table 7-94-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1286 308-GR-1-16 HA. (HA.) ITAJIMA BRIDGE MAX. ACC. = 30.468 (GAL) T= 7.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.734	1.537	1.183	0.822	0.576	0.487	0.518	0.581	0.590	0.506
2511	25.10	0.347	0.169	0.031	-0.042	-0.068	-0.094	-0.161	-0.277	-0.405	-0.477
2521	25.20	-0.430	-0.240	0.061	0.394	0.660	0.785	0.744	0.572	0.351	0.181
2531	25.30	0.145	0.282	0.581	0.979	1.382	1.678	1.762	1.554	1.022	0.188
2541	25.40	-0.864	-2.002	-3.065	-3.902	-4.404	-4.530	-4.313	-3.853	-3.282	-2.728
2551	25.50	-2.283	-1.980	-1.795	-1.662	-1.508	-1.276	-0.951	-0.563	-0.172	0.163
2561	25.60	0.410	0.589	0.769	1.052	1.532	2.257	3.203	4.274	5.326	6.214
2571	25.70	6.831	7.141	7.174	7.003	6.699	6.298	5.788	5.121	4.256	3.197
2581	25.80	2.020	0.872	-0.066	-0.635	-0.757	-0.468	0.078	0.651	1.010	0.970
2591	25.90	0.459	-0.463	-1.627	-2.811	-3.807	-4.485	-4.827	-4.913	-4.884	-4.878
2601	26.00	-4.974	-5.166	-5.369	-5.461	-5.342	-4.974	-4.398	-3.713	-3.033	-2.436
2611	26.10	-1.941	-1.511	-1.080	-0.601	-0.074	0.454	0.906	1.218	1.367	1.388
2621	26.20	1.350	1.328	1.369	1.478	1.625	1.774	1.902	2.018	2.149	2.320
2631	26.30	2.529	2.738	2.880	2.887	2.716	2.365	1.874	1.309	0.737	0.215
2641	26.40	-0.223	-0.559	-0.789	-0.923	-0.990	-1.040	-1.137	-1.340	-1.681	-2.142
2651	26.50	-2.653	-3.115	-3.431	-3.549	-3.474	-3.266	-3.009	-2.770	-2.578	-2.423
2661	26.60	-2.277	-2.124	-1.973	-1.856	-1.798	-1.793	-1.788	-1.705	-1.476	-1.089
2671	26.70	-0.600	-0.112	0.275	0.522	0.681	0.876	1.246	1.864	2.692	3.584
2681	26.80	4.341	4.803	4.921	4.777	4.546	4.407	4.458	4.672	4.917	5.033
2691	26.90	4.915	4.571	4.113	3.698	3.436	3.337	3.293	3.140	2.741	2.058
2701	27.00	1.177	0.267	-0.492	-0.996	-1.253	-1.369	-1.485	-1.708	-2.066	-2.505
2711	27.10	-2.941	-3.305	-3.589	-3.832	-4.084	-4.353	-4.572	-4.618	-4.368	-3.767
2721	27.20	-2.875	-1.868	-0.977	-0.401	-0.226	-0.388	-0.702	-0.930	-0.880	-0.464
2731	27.30	0.277	1.212	2.185	3.073	3.817	4.418	4.893	5.239	5.419	5.374
2741	27.40	5.065	4.515	3.814	3.100	2.504	2.084	1.799	1.517	1.073	0.368
2751	27.50	-0.670	-1.865	-3.033	-3.959	-4.498	-4.632	-4.465	-4.171	-3.911	-3.774
2761	27.60	-3.750	-3.762	-3.726	-3.609	-3.455	-3.359	-3.406	-3.605	-3.861	-3.993
2771	27.70	-3.809	-3.193	-2.169	-0.905	0.340	1.314	1.861	1.972	1.774	1.444
2781	27.80	1.223	1.158	1.273	1.501	1.750	1.957	2.103	2.207	2.294	2.372
2791	27.90	2.423	2.419	2.355	2.256	2.177	2.170	2.252	2.378	2.458	2.386
2801	28.00	2.095	1.583	0.923	0.230	-0.383	-0.845	-1.145	-1.317	-1.413	-1.470
2811	28.10	-1.505	-1.522	-1.528	-1.545	-1.610	-1.747	-1.951	-2.179	-2.367	-2.467
2821	28.20	-2.478	-2.456	-2.488	-2.641	-2.917	-3.234	-3.453	-3.443	-3.145	-2.608
2831	28.30	-1.975	-1.412	-1.029	-0.829	-0.709	-0.523	-0.168	0.348	0.900	1.305
2841	28.40	1.417	1.211	0.812	0.448	0.343	0.623	1.253	2.087	2.845	3.415
2851	28.50	3.725	3.835	3.866	3.908	3.976	4.003	3.901	3.635	3.261	2.908
2861	28.60	2.703	2.677	2.722	2.618	2.137	1.172	-0.182	-1.634	-2.803	-3.387
2871	28.70	-3.298	-2.711	-1.997	-1.554	-1.641	-2.262	-3.177	-4.023	-4.476	-4.397
2881	28.80	-3.868	-3.137	-2.478	-2.067	-1.909	-1.866	-1.750	-1.430	-0.900	-0.268
2891	28.90	0.311	0.727	0.969	1.125	1.317	1.624	2.030	2.433	2.705	2.768
2901	29.00	2.653	2.491	2.447	2.655	3.044	3.532	3.877	3.877	3.441	2.632
2911	29.10	1.641	0.707	0.019	-0.353	-0.448	-0.475	-0.528	-0.721	-1.050	-1.435
2921	29.20	-1.763	-1.947	-1.959	-1.837	-1.651	-1.471	-1.337	-1.263	-1.244	-1.288
2931	29.30	-1.414	-1.647	-1.992	-2.402	-2.779	-2.991	-2.921	-2.517	-1.825	-0.979
2941	29.40	-0.160	0.470	0.823	0.916	0.851	0.766	0.773	0.914	1.163	1.431
2951	29.50	1.642	1.756	1.790	1.794	1.819	1.876	1.933	1.941	1.869	1.746
2961	29.60	1.657	1.709	1.965	2.389	2.832	3.069	2.893	2.206	1.085	0.227
2971	29.70	-1.399	-2.134	-2.278	-1.868	-1.111	-0.291	0.348	0.683	0.737	0.627
2981	29.80	0.486	0.387	0.313	0.185	-0.073	-0.472	-0.930	-1.304	-1.453	-1.312
2991	29.90	-0.934	-0.468	-0.100	0.031	-0.112	-0.449	-0.831	-1.103	-1.175	-1.052

Table 7-94-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1286 308-GR-1-16 HA. (HA.) ITAJIMA BRIDGE MAX. ACC. = 30.468 (GAL) T= 7.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.813	-0.567	-0.398	-0.332	-0.337	-0.362	-0.368	-0.353	-0.351	-0.392
3011	30.10	-0.474	-0.540	-0.493	-0.239	0.254	0.927	1.624	2.137	2.278	1.955
3021	30.20	1.211	0.227	-0.743	-1.452	-1.743	-1.604	-1.164	-0.638	-0.251	-0.155
3031	30.30	-0.381	-0.640	-1.375	-1.821	-2.079	-2.141	-2.083	-2.017	-2.032	-2.160
3041	30.40	-2.357	-2.539	-2.622	-2.566	-2.388	-2.149	-1.907	-1.679	-1.420	-1.041
3051	30.50	-0.451	0.386	1.420	2.508	3.461	4.101	4.329	4.156	3.694	3.121
3061	30.60	2.612	2.296	2.223	2.368	2.655	2.990	3.284	3.470	3.502	3.358
3071	30.70	3.039	2.572	2.013	1.438	0.923	0.522	0.245	0.051	-0.133	-0.380
3081	30.80	-0.732	-1.171	-1.627	-2.002	-2.212	-2.226	-2.082	-1.877	-1.728	-1.730
3091	30.90	-1.914	-2.244	-2.625	-2.949	-3.132	-3.143	-3.011	-2.805	-2.608	-2.480
3101	31.00	-2.441	-2.470	-2.517	-2.528	-2.458	-2.288	-2.026	-1.692	-1.319	-0.937
3111	31.10	-0.569	-0.230	0.072	0.340	0.585	0.823	1.071	1.341	1.629	1.914
3121	31.20	2.165	2.350	2.469	2.476	2.471	2.497	2.612	2.848	3.185	3.551
3131	31.30	3.837	3.926	3.731	3.227	2.450	1.495	0.481	-0.486	-1.335	-2.037
3141	31.40	-2.599	-3.039	-3.368	-3.587	-3.689	-3.684	-3.612	-3.538	-3.540	-3.665
3151	31.50	-3.905	-4.185	-4.380	-4.371	-4.097	-3.595	-2.998	-2.487	-2.207	-2.197
3161	31.60	-2.348	-2.432	-2.181	-1.401	-0.060	1.680	3.508	5.077	6.123	6.561
3171	31.70	6.500	6.181	5.867	5.731	5.797	5.950	6.013	5.845	5.413	4.810
3181	31.80	4.208	3.768	3.567	3.563	3.617	3.563	3.285	2.761	2.065	1.317
3191	31.90	0.628	0.044	-0.455	-0.932	-1.441	-1.994	-2.552	-3.050	-3.440	-3.723
3201	32.00	-3.953	-4.205	-4.533	-4.926	-5.302	-5.534	-5.504	-5.157	-4.534	-3.759
3211	32.10	-3.002	-2.408	-2.049	-1.901	-1.851	-1.745	-1.443	-0.862	-0.007	1.038
3221	32.20	2.137	3.139	3.920	4.408	4.592	4.515	4.250	3.878	3.465	3.048
3231	32.30	2.644	2.261	1.911	1.616	1.407	1.304	1.300	1.347	1.362	1.257
3241	32.40	0.964	0.470	-0.172	-0.856	-1.461	-1.884	-2.082	-2.076	-1.942	-1.785
3251	32.50	-1.699	-1.751	-1.962	-2.314	-2.759	-3.223	-3.624	-3.871	-3.889	-3.632
3261	32.60	-3.100	-2.358	-1.519	-0.725	-0.103	0.270	0.385	0.301	0.113	-0.085
3271	32.70	-0.232	-0.312	-0.341	-0.347	-0.340	-0.305	-0.209	-0.019	0.275	0.653
3281	32.80	1.066	1.463	1.804	2.077	2.293	2.473	2.633	2.777	2.901	3.005
3291	32.90	3.097	3.191	3.295	3.394	3.444	3.384	3.164	2.777	2.277	1.771
3301	33.00	1.377	1.171	1.145	1.193	1.155	0.875	0.279	-0.584	-1.551	-2.406
3311	33.10	-2.968	-3.164	-3.065	-2.853	-2.745	-2.902	-3.360	-4.019	-4.686	-5.157
3321	33.20	-5.293	-5.068	-4.566	-3.931	-3.309	-2.792	-2.397	-2.086	-1.800	-1.494
3331	33.30	-1.156	-0.800	-0.450	-0.120	0.196	0.517	0.854	1.207	1.557	1.885
3341	33.40	2.185	2.474	2.787	3.153	3.573	4.004	4.366	4.574	4.571	4.363
3351	33.50	4.021	3.658	3.379	3.244	3.229	3.242	3.150	2.843	2.272	1.483
3361	33.60	0.597	-0.231	-0.869	-1.256	-1.425	-1.486	-1.585	-1.846	-2.325	-2.993
3371	33.70	-3.749	-4.458	-5.000	-5.305	-5.366	-5.219	-4.918	-4.504	-3.990	-3.375
3381	33.80	-2.665	-1.894	-1.133	-0.466	0.045	0.393	0.635	0.869	1.188	1.628
3391	33.90	2.145	2.637	2.992	3.159	3.179	3.174	3.285	3.583	4.008	4.373
3401	34.00	4.427	3.978	2.996	1.655	0.283	-0.764	-1.250	-1.161	-0.714	-0.257
3411	34.10	-0.119	-0.467	-1.241	-2.197	-3.029	-3.512	-3.601	-3.433	-3.245	-3.248
3421	34.20	-3.526	-4.000	-4.481	-4.766	-4.735	-4.393	-3.844	-3.220	-2.605	-2.000
3431	34.30	-1.342	-0.567	0.324	1.239	2.020	2.516	2.652	2.475	2.134	1.822
3441	34.40	1.690	1.797	2.094	2.469	2.801	3.019	3.115	3.129	3.109	3.078
3451	34.50	3.024	2.913	2.722	2.452	2.133	1.800	1.467	1.119	0.722	0.252
3461	34.60	-0.269	-0.767	-1.136	-1.288	-1.200	-0.941	-0.655	-0.502	-0.594	-0.935
3471	34.70	-1.423	-1.878	-2.125	-2.066	-1.716	-1.199	-0.691	-0.348	-0.242	-0.346
3481	34.80	-0.547	-0.706	-0.713	-0.527	-0.180	0.245	0.656	0.988	1.214	1.342
3491	34.90	1.395	1.387	1.320	1.187	0.988	0.742	0.490	0.278	0.146	0.103

Table 7-94-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1286 308-GR-1-16 HA. (HA.) ITAJIMA BRIDGE MAX. ACC. = 30.468 (GAL) T= 7.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.131	0.188	0.234	0.245	0.219	0.175	0.131	0.092	0.049	-0.011
3511	35.10	-0.085	-0.145	-0.134	0.006	0.306	0.737	1.208	1.593	1.775	1.697
3521	35.20	1.388	0.955	0.539	0.253	0.139	0.149	0.183	0.139	-0.031	-0.296
3531	35.30	-0.563	-0.728	-0.732	-0.604	-0.447	-0.392	-0.537	-0.894	-1.377	-1.844
3541	35.40	-2.151	-2.223	-2.077	-1.813	-1.559	-1.418	-1.420	-1.522	-1.639	-1.693
3551	35.50	-1.654	-1.547	-1.442	-1.402	-1.455	-1.570	-1.675	-1.685	-1.539	-1.229
3561	35.60	-0.794	-0.303	0.176	0.604	0.973	1.303	1.616	1.922	2.204	2.425
3571	35.70	2.546	2.541	2.420	2.223	2.019	1.876	1.843	1.928	2.096	2.275
3581	35.80	2.381	2.348	2.148	1.802	1.368	0.918	0.507	0.155	-0.154	-0.461
3591	35.90	-0.798	-1.169	-1.537	-1.837	-2.003	-1.997	-1.832	-1.564	-1.276	-1.040
3601	36.00	-0.896	-0.841	-0.837	-0.839	-0.814	-0.755	-0.673	-0.586	-0.498	-0.396
3611	36.10	-0.257	-0.064	0.181	0.452	0.710	0.922	1.081	1.209	1.347	1.532
3621	36.20	1.772	2.034	2.256	2.369	2.326	2.126	1.821	1.493	1.223	1.064
3631	36.30	1.017	1.036	1.043	0.967	0.765	0.438	0.031	-0.391	-0.763	-1.050
3641	36.40	-1.250	-1.397	-1.535	-1.706	-1.928	-2.191	-2.470	-2.740	-2.987	-3.219
3651	36.50	-3.650	-3.683	-3.892	-4.013	-3.962	-3.667	-3.106	-2.331	-1.464	-0.665
3661	36.60	-0.081	0.216	0.246	0.122	0.000	0.022	0.264	0.715	1.294	1.893
3671	36.70	2.421	2.833	3.134	3.353	3.514	3.616	3.636	3.553	3.372	3.135
3681	36.80	2.913	2.769	2.728	2.754	2.751	2.650	2.353	1.867	1.259	0.639
3691	36.90	0.112	-0.265	-0.501	-0.655	-0.805	-1.006	-1.268	-1.558	-1.828	-2.048
3701	37.00	-2.221	-2.390	-2.606	-2.899	-3.253	-3.604	-3.866	-3.961	-3.851	-3.557
3711	37.10	-3.146	-2.704	-2.303	-1.980	-1.732	-1.528	-1.333	-1.128	-0.922	-0.743
3721	37.20	-0.623	-0.578	-0.592	-0.616	-0.583	-0.428	-0.113	0.349	0.894	1.415
3731	37.30	1.796	1.941	1.811	1.436	0.914	0.379	-0.036	-0.242	-0.217	-0.008
3741	37.40	0.290	0.572	0.757	0.816	0.769	0.675	0.596	0.581	0.645	0.770
3751	37.50	0.918	1.044	1.111	1.096	0.987	0.782	0.484	0.107	-0.323	-0.765
3761	37.60	-1.157	-1.431	-1.522	-1.384	-1.012	-0.544	0.242	0.936	1.528	1.930
3771	37.70	2.099	2.050	1.845	1.575	1.331	1.172	1.111	1.119	1.140	1.123
3781	37.80	1.042	0.908	0.758	0.634	0.563	0.542	0.542	0.524	0.465	0.365
3791	37.90	0.245	0.133	0.040	-0.052	-0.183	-0.393	-0.695	-1.055	-1.397	-1.628
3801	38.00	-1.677	-1.526	-1.223	-0.861	-0.542	-0.341	-0.274	-0.305	-0.367	-0.399
3811	38.10	-0.374	-0.299	-0.209	-0.137	-0.096	-0.075	-0.045	0.012	0.096	0.181
3821	38.20	0.231	0.222	0.156	0.062	-0.020	-0.059	-0.050	-0.016	0.005	-0.014
3831	38.30	-0.074	-0.149	-0.201	-0.202	-0.156	-0.096	-0.070	-0.113	-0.222	-0.355
3841	38.40	-0.446	-0.433	-0.290	-0.039	0.253	0.509	0.665	0.699	0.635	0.522
3851	38.50	0.415	0.351	0.340	0.370	0.418	0.465	0.506	0.534	0.557	0.569
3861	38.60	0.563	0.531	0.468	0.374	0.250	0.095	-0.096	-0.328	-0.595	-0.867
3871	38.70	-1.090	-1.200	-1.140	-0.892	-0.484	0.004	0.472	0.827	1.018	1.050
3881	38.80	0.977	0.873	0.809	0.820	0.907	1.040	1.184	1.312	1.416	1.497
3891	38.90	1.558	1.592	1.580	1.503	1.348	1.124	0.858	0.593	0.364	0.196
3901	39.00	0.086	0.014	-0.055	-0.156	-0.320	-0.559	-0.872	-1.238	-1.619	-1.967
3911	39.10	-2.235	-2.388	-2.424	-2.372	-2.290	-2.241	-2.269	-2.378	-2.519	-2.612
3921	39.20	-2.573	-2.351	-1.952	-1.437	-0.898	-0.421	-0.052	0.216	0.434	0.662
3931	39.30	0.937	1.251	1.555	1.783	1.886	1.858	1.744	1.618	1.556	1.600
3941	39.40	1.744	1.937	2.104	2.173	2.101	1.876	1.519	1.070	0.578	0.092
3951	39.50	-0.342	-0.684	-0.909	-1.012	-1.018	-0.979	-0.963	-1.026	-1.194	-1.451
3961	39.60	-1.738	-1.978	-2.101	-2.073	-1.907	-1.649	-1.361	-1.094	-0.873	-0.697
3971	39.70	-0.546	-0.401	-0.255	-0.109	0.031	0.164	0.300	0.452	0.626	0.808
3981	39.80	0.968	1.073	1.105	1.081	1.050	1.076	1.204	1.434	1.707	1.920
3991	39.90	1.968	1.784	1.375	0.825	0.259	-0.202	-0.489	-0.610	-0.639	-0.670

Table 7-94-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1286 308-GR-1-16 HA. (HA.) ITAJIMA BRIDGE MAX. ACC. = 30.468 (GAL) T= 7.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.776	-0.966	-1.188	-1.355	-1.388	-1.264	-1.029	-0.780	-0.630	-0.655
4011	40.10	-0.867	-1.209	-1.579	-1.874	-2.021	-2.000	-1.837	-1.583	-1.287	-0.980
4021	40.20	-0.673	-0.364	-0.051	0.256	0.538	0.774	0.955	1.085	1.177	1.249
4031	40.30	1.310	1.356	1.375	1.357	1.296	1.201	1.090	0.977	0.871	0.765
4041	40.40	0.646	0.500	0.325	0.127	-0.076	-0.265	-0.430	-0.569	-0.688	-0.791
4051	40.50	-0.875	-0.926	-0.928	-0.873	-0.770	-0.649	-0.548	-0.503	-0.527	-0.602
4061	40.60	-0.685	-0.722	-0.673	-0.528	-0.309	-0.069	0.140	0.282	0.357	0.398
4071	40.70	0.458	0.579	0.772	1.007	1.223	1.345	1.323	1.151	0.875	0.578
4081	40.80	0.351	0.263	0.330	0.517	0.755	0.961	1.089	1.128	1.110	1.090
4091	40.90	1.112	1.188	1.293	1.372	1.368	1.252	1.039	0.780	0.544	0.388
4101	41.00	0.329	0.339	0.360	0.329	0.210	0.016	-0.204	-0.381	-0.463	-0.442
4111	41.10	-0.368	-0.327	-0.412	-0.679	-1.119	-1.657	-2.173	-2.542	-2.685	-2.591
4121	41.20	-2.322	-1.985	-1.693	-1.513	-1.454	-1.460	-1.453	-1.364	-1.175	-0.926
4131	41.30	-0.697	-0.569	-0.584	-0.721	-0.901	-1.019	-0.989	-0.782	-0.434	-0.029
4141	41.40	0.339	0.608	0.771	0.869	0.961	1.092	1.267	1.448	1.581	1.626
4151	41.50	1.579	1.473	1.362	1.283	1.240	1.204	1.132	1.006	0.845	0.707
4161	41.60	0.656	0.719	0.859	0.972	0.932	0.642	0.093	-0.620	-1.328	-1.851
4171	41.70	-2.069	-1.969	-1.649	-1.269	-0.983	-0.878	-0.946	-1.102	-1.250	-1.243
4181	41.80	-1.115	-0.883	-0.615	-0.378	-0.204	-0.085	0.007	0.101	0.207	0.320
4191	41.90	0.434	0.560	0.730	0.985	1.353	1.821	2.333	2.803	3.150	3.328
4201	42.00	3.345	3.253	3.120	2.994	2.885	2.763	2.578	2.297	1.921	1.488
4211	42.10	1.061	0.693	0.405	0.183	-0.016	-0.235	-0.498	-0.800	-1.116	-1.418
4221	42.20	-1.691	-1.945	-2.201	-2.481	-2.788	-3.101	-3.377	-3.569	-3.669	-3.611
4231	42.30	-3.480	-3.295	-3.099	-2.919	-2.759	-2.603	-2.422	-2.183	-1.868	-1.474
4241	42.40	-1.021	-0.544	-0.083	0.328	0.677	0.977	1.259	1.557	1.891	2.250
4251	42.50	2.591	2.856	2.995	2.997	2.897	2.771	2.703	2.749	2.908	3.119
4261	42.60	3.281	3.301	3.128	2.783	2.347	1.923	1.596	1.394	1.283	1.188
4271	42.70	1.032	0.769	0.407	-0.009	-0.423	-0.796	-1.128	-1.448	-1.793	-2.172
4281	42.80	-2.561	-2.900	-3.124	-3.192	-3.106	-2.916	-2.696	-2.509	-2.386	-2.313
4291	42.90	-2.247	-2.143	-1.977	-1.759	-1.528	-1.327	-1.185	-1.100	-1.042	-0.970
4301	43.00	-0.853	-0.683	-0.478	-0.268	-0.078	0.088	0.246	0.425	0.651	0.924
4311	43.10	1.218	1.487	1.675	1.744	1.682	1.511	1.277	1.038	0.840	0.711
4321	43.20	0.648	0.625	0.601	0.532	0.393	0.179	-0.088	-0.369	-0.619	-0.804
4331	43.30	-0.914	-0.967	-1.003	-1.065	-1.187	-1.372	-1.592	-1.795	-1.928	-1.953
4341	43.40	-1.864	-1.690	-1.481	-1.287	-1.142	-1.047	-0.975	-0.890	-0.759	-0.570
4351	43.50	-0.337	-0.090	0.140	0.337	0.502	0.654	0.814	0.993	1.186	1.373
4361	43.60	1.531	1.647	1.728	1.791	1.860	1.942	2.026	2.077	2.060	1.951
4371	43.70	1.757	1.515	1.280	1.102	1.004	0.973	0.967	0.936	0.847	0.697
4381	43.80	0.519	0.357	0.248	0.196	0.176	0.141	0.053	-0.096	-0.280	-0.451
4391	43.90	-0.563	-0.602	-0.597	-0.606	-0.690	-0.874	-1.126	-1.364	-1.487	-1.416
4401	44.00	-1.136	-0.709	-0.251	0.110	0.286	0.259	0.087	-0.129	-0.289	-0.337
4411	44.10	-0.277	-0.164	-0.069	-0.043	-0.088	-0.166	-0.213	-0.180	-0.052	0.144
4421	44.20	0.361	0.550	0.692	0.799	0.903	1.029	1.178	1.318	1.397	1.368
4431	44.30	1.218	0.975	0.698	0.458	0.301	0.233	0.220	0.207	0.146	0.020
4441	44.40	-0.151	-0.325	-0.459	-0.536	-0.572	-0.605	-0.677	-0.810	-0.989	-1.171
4451	44.50	-1.306	-1.354	-1.313	-1.213	-1.108	-1.067	-1.052	-1.109	-1.174	-1.186
4461	44.60	-1.093	-0.869	-0.522	-0.090	0.369	0.793	1.131	1.351	1.446	1.438
4471	44.70	1.371	1.303	1.291	1.370	1.541	1.763	1.968	2.079	2.040	1.835
4481	44.80	1.500	1.103	0.722	0.412	0.190	0.028	-0.125	-0.313	-0.552	-0.819
4491	44.90	-1.060	-1.219	-1.262	-1.193	-1.051	-0.896	-0.781	-0.734	-0.749	-0.800

Table 7-94-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1286 308-GR-1-16 HA. (HA.) ITAJIMA BRIDGE MAX. ACC. = 30.468 (GAL) T= 7.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.851	-0.879	-0.876	-0.851	-0.813	-0.767	-0.704	-0.612	-0.483	-0.324
4511	45.10	-0.158	-0.020	0.062	0.074	0.028	-0.047	-0.115	-0.151	-0.145	-0.109
4521	45.20	-0.065	-0.035	-0.028	-0.041	-0.061	-0.072	-0.067	-0.045	-0.018	0.003
4531	45.30	0.011	0.006	-0.004	-0.010	-0.007	0.007	0.027	0.046	0.058	0.061
4541	45.40	0.058	0.053	0.051	0.053	0.062	0.079	0.109	0.161	0.243	0.359
4551	45.50	0.505	0.662	0.803	0.897	0.918	0.857	0.724	0.549	0.370	0.222
4561	45.60	0.125	0.074	0.049	0.020	-0.037	-0.129	-0.242	-0.353	-0.441	-0.498
4571	45.70	-0.535	-0.572	-0.633	-0.724	-0.837	-0.946	-1.033	-1.096	-1.157	-1.257
4581	45.80	-1.431	-1.688	-1.992	-2.271	-2.440	-2.430	-2.223	-1.857	-1.414	-0.986
4591	45.90	-0.643	-0.403	-0.237	-0.093	0.081	0.304	0.562	0.817	1.038	1.219
4601	46.00	1.384	1.576	1.824	2.124	2.431	2.672	2.777	2.712	2.496	2.191
4611	46.10	1.880	1.634	1.481	1.404	1.355	1.281	1.149	0.958	0.734	0.514
4621	46.20	0.325	0.175	0.052	-0.067	-0.198	-0.349	-0.515	-0.687	-0.859	-1.030
4631	46.30	-1.201	-1.366	-1.510	-1.611	-1.648	-1.614	-1.521	-1.403	-1.298	-1.238
4641	46.40	-1.233	-1.269	-1.314	-1.338	-1.326	-1.282	-1.233	-1.204	-1.211	-1.242
4651	46.50	-1.265	-1.236	-1.121	-0.913	-0.634	-0.331	-0.057	0.152	0.288	0.375
4661	46.60	0.459	0.582	0.768	1.008	1.266	1.494	1.648	1.712	1.697	1.637
4671	46.70	1.572	1.531	1.521	1.530	1.537	1.532	1.518	1.516	1.544	1.607
4681	46.80	1.680	1.720	1.673	1.510	1.235	0.894	0.554	0.276	0.087	-0.033
4691	46.90	-0.136	-0.282	-0.504	-0.789	-1.080	-1.301	-1.390	-1.329	-1.150	-0.919
4701	47.00	-0.705	-0.554	-0.472	-0.435	-0.404	-0.354	-0.281	-0.200	-0.129	-0.074
4711	47.10	-0.025	0.037	0.125	0.231	0.331	0.398	0.423	0.424	0.445	0.529
4721	47.20	0.686	0.875	1.015	1.008	0.795	0.381	-0.151	-0.672	-1.055	-1.225
4731	47.30	-1.187	-1.013	-0.808	-0.654	-0.586	-0.584	-0.600	-0.596	-0.562	-0.542
4741	47.40	-0.555	-0.617	-0.695	-0.719	-0.620	-0.367	0.005	0.403	0.719	0.876
4751	47.50	0.871	0.776	0.702	0.741	0.915	1.162	1.361	1.393	1.195	0.801
4761	47.60	0.327	-0.077	-0.294	-0.285	-0.101	0.147	0.338	0.399	0.327	0.180
4771	47.70	0.042	-0.021	0.010	0.103	0.199	0.239	0.197	0.079	-0.079	-0.241
4781	47.80	-0.382	-0.504	-0.622	-0.754	-0.904	-1.056	-1.184	-1.259	-1.268	-1.216
4791	47.90	-1.127	-1.033	-0.962	-0.929	-0.932	-0.958	-0.990	-1.011	-1.013	-0.990
4801	48.00	-0.944	-0.876	-0.782	-0.660	-0.504	-0.316	-0.104	0.113	0.310	0.461
4811	48.10	0.543	0.549	0.682	0.359	0.202	0.032	-0.137	-0.296	-0.436	-0.544
4821	48.20	-0.601	-0.581	-0.465	-0.251	0.042	0.372	0.685	0.932	1.081	1.133
4831	48.30	1.109	1.047	0.981	0.932	0.905	0.892	0.886	0.885	0.895	0.923
4841	48.40	0.970	1.024	1.059	1.045	0.956	0.783	0.536	0.239	-0.078	-0.391
4851	48.50	-0.682	-0.940	-1.157	-1.321	-1.418	-1.438	-1.386	-1.283	-1.165	-1.071
4861	48.60	-1.028	-1.037	-1.067	-1.067	-0.983	-0.784	-0.475	-0.103	0.256	0.525
4871	48.70	0.650	0.621	0.478	0.295	0.158	0.133	0.243	0.465	0.737	0.981
4881	48.80	1.132	1.154	1.052	0.366	0.649	0.449	0.294	0.186	0.110	0.043
4891	48.90	-0.031	-0.116	-0.207	-0.297	-0.385	-0.476	-0.579	-0.695	-0.815	-0.915
4901	49.00	-0.969	-0.957	-0.878	-0.755	-0.625	-0.523	-0.471	-0.463	-0.475	-0.471
4911	49.10	-0.427	-0.337	-0.215	-0.089	0.020	0.102	0.164	0.226	0.303	0.398
4921	49.20	0.502	0.597	0.671	0.725	0.775	0.842	0.940	1.064	1.192	1.295
4931	49.30	1.348	1.346	1.301	1.239	1.179	1.122	1.049	0.930	0.743	0.494
4941	49.40	0.216	-0.033	-0.199	-0.249	-0.192	-0.074	0.043	0.103	0.080	-0.016
4951	49.50	-0.147	-0.266	-0.342	-0.367	-0.359	-0.348	-0.360	-0.404	-0.476	-0.559
4961	49.60	-0.636	-0.696	-0.734	-0.745	-0.721	-0.649	-0.519	-0.331	-0.102	0.132
4971	49.70	0.333	0.474	0.553	0.595	0.645	0.744	0.910	1.126	1.342	1.498
4981	49.80	1.549	1.482	1.325	1.134	0.969	0.869	0.838	0.848	0.849	0.799
4991	49.90	0.672	0.471	0.219	-0.057	-0.336	-0.609	-0.875	-1.132	-1.366	-1.551

Table 7-94-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1286 308-GR-1-16 HA. (HA.) ITAJIHA BRIDGE MAX. ACC. = 30.468 (GAL) T= 7.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.661	-1.678	-1.604	-1.467	-1.311	-1.179	-1.101	-1.082	-1.104	-1.137
5011	50.10	-1.153	-1.136	-1.091	-1.032	-0.979	-0.947	-0.938	-0.944	-0.951	-0.944
5021	50.20	-0.912	-0.852	-0.761	-0.644	-0.509	-0.365	-0.227	-0.105	-0.007	0.071
5031	50.30	0.141	0.219	0.317	0.437	0.569	0.694	0.795	0.866	0.921	0.986
5041	50.40	1.085	1.229	1.405	1.566	1.668	1.667	1.546	1.323	1.041	0.753
5051	50.50	0.504	0.313	0.176	0.069	-0.033	-0.149	-0.286	-0.441	-0.608	-0.784
5061	50.60	-0.962	-1.133	-1.276	-1.366	-1.377	-1.301	-1.154	-0.978	-0.827	-0.742
5071	50.70	-0.737	-0.789	-0.843	-0.841	-0.745	-0.552	-0.298	-0.035	0.190	0.362
5081	50.80	0.496	0.632	0.803	1.017	1.246	1.435	1.529	1.497	1.350	1.133
5091	50.90	0.911	0.738	0.637	0.598	0.587	0.566	0.512	0.427	0.328	0.237
5101	51.00	0.166	0.111	0.058	-0.007	-0.085	-0.167	-0.236	-0.276	-0.287	-0.282
5111	51.10	-0.279	-0.295	-0.332	-0.377	-0.417	-0.439	-0.450	-0.463	-0.497	-0.558
5121	51.20	-0.629	-0.679	-0.671	-0.583	-0.421	-0.217	-0.017	0.142	0.246	0.313
5131	51.30	0.377	0.473	0.609	0.767	0.902	0.970	0.945	0.834	0.676	0.521
5141	51.40	0.406	0.346	0.326	0.316	0.290	0.237	0.167	0.101	0.054	0.024
5151	51.50	-0.005	-0.061	-0.161	-0.305	-0.471	-0.630	-0.760	-0.856	-0.935	-1.027
5161	51.60	-1.149	-1.302	-1.460	-1.583	-1.636	-1.602	-1.498	-1.358	-1.226	-1.129
5171	51.70	-1.072	-1.034	-0.981	-0.882	-0.724	-0.515	-0.278	-0.044	0.161	0.327
5181	51.80	0.455	0.562	0.668	0.795	0.958	1.158	1.381	1.595	1.760	1.838
5191	51.90	1.808	1.679	1.487	1.288	1.137	1.065	1.064	1.093	1.094	1.020
5201	52.00	0.853	0.613	0.350	0.114	-0.064	-0.190	-0.298	-0.429	-0.609	-0.833
5211	52.10	-1.060	-1.239	-1.329	-1.318	-1.231	-1.116	-1.023	-0.981	-0.987	-1.013
5221	52.20	-1.017	-0.967	-0.846	-0.659	-0.426	-0.172	0.078	0.305	0.496	0.646
5231	52.30	0.760	0.854	0.957	1.099	1.298	1.547	1.811	2.036	2.173	2.199
5241	52.40	2.136	2.042	1.987	2.013	2.111	2.213	2.214	2.022	1.595	0.974
5251	52.50	0.269	-0.381	-0.855	-1.103	-1.154	-1.102	-1.061	-1.121	-1.312	-1.608
5261	52.60	-1.966	-2.258	-2.505	-2.681	-2.808	-2.912	-3.010	-3.094	-3.144	-3.136
5271	52.70	-3.057	-2.908	-2.703	-2.455	-2.172	-1.859	-1.517	-1.158	-0.804	-0.482
5281	52.80	-0.211	0.008	0.196	0.391	0.629	0.930	1.278	1.630	1.929	2.126
5291	52.90	2.199	2.169	2.086	2.016	2.011	2.094	2.245	2.409	2.516	2.505
5301	53.00	2.346	2.049	1.664	1.258	0.901	0.633	0.460	0.348	0.242	0.089
5311	53.10	-0.139	-0.434	-0.753	-1.037	-1.231	-1.310	-1.285	-1.195	-1.089	-1.007
5321	53.20	-0.959	-0.932	-0.894	-0.820	-0.697	-0.538	-0.367	-0.211	-0.084	0.017
5331	53.30	0.109	0.208	0.321	0.444	0.561	0.664	0.751	0.838	0.945	1.084
5341	53.40	1.249	1.411	1.525	1.551	1.468	1.285	1.039	0.782	0.559	0.395
5351	53.50	0.287	0.214	0.145	0.056	-0.061	-0.197	-0.340	-0.477	-0.602	-0.721
5361	53.60	-0.838	-0.957	-1.068	-1.154	-1.197	-1.184	-1.121	-1.026	-0.933	-0.870
5371	53.70	-0.856	-0.888	-0.947	-0.998	-1.011	-0.969	-0.876	-0.754	-0.633	-0.540
5381	53.80	-0.484	-0.454	-0.427	-0.379	-0.297	-0.191	-0.083	-0.001	0.040	0.046
5391	53.90	0.047	0.080	0.173	0.322	0.490	0.615	0.640	0.533	0.310	0.031
5401	54.00	-0.221	-0.371	-0.380	-0.261	-0.067	0.127	0.264	0.317	0.301	0.258
5411	54.10	0.233	0.253	0.316	0.400	0.475	0.522	0.542	0.551	0.569	0.607
5421	54.20	0.657	0.696	0.698	0.650	0.556	0.441	0.335	0.264	0.234	0.232
5431	54.30	0.234	0.218	0.172	0.102	0.025	-0.039	-0.078	-0.095	-0.104	-0.124
5441	54.40	-0.165	-0.228	-0.300	-0.365	-0.408	-0.427	-0.433	-0.445	-0.481	-0.550
5451	54.50	-0.640	-0.727	-0.778	-0.763	-0.671	-0.512	-0.315	-0.119	0.045	0.160
5461	54.60	0.237	0.300	0.381	0.495	0.636	0.774	0.868	0.886	0.819	0.690
5471	54.70	0.547	0.441	0.405	0.438	0.503	0.541	0.499	0.346	0.092	-0.220
5481	54.80	-0.529	-0.780	-0.940	-1.005	-0.992	-0.929	-0.843	-0.755	-0.677	-0.619
5491	54.90	-0.589	-0.593	-0.626	-0.672	-0.707	-0.706	-0.660	-0.583	-0.510	-0.482

Table 7-94-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1286 308-GR-1-16 HA. (HA.) ITAJIHA BRIDGE MAX. ACC. = 30.468 (GAL) T= 7.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.521	-0.616	-0.717	-0.747	-0.639	-0.363	0.049	0.517	0.931	1.198
5511	55.10	1.275	1.183	0.995	0.804	0.683	0.662	0.721	0.810	0.877	0.896
5521	55.20	0.871	0.835	0.822	0.848	0.898	0.934	0.913	0.803	0.600	0.330
5531	55.30	0.034	-0.244	-0.473	-0.662	-0.769	-0.801	-0.807	-0.773	-0.705	-0.620
5541	55.40	-0.535	-0.472	-0.445	-0.456	-0.490	-0.525	-0.538	-0.519	-0.476	-0.428
5551	55.50	-0.397	-0.396	-0.425	-0.463	-0.486	-0.467	-0.394	-0.264	-0.089	0.117
5561	55.60	0.339	0.561	0.771	0.950	1.079	1.141	1.126	1.041	0.911	0.769
5571	55.70	0.649	0.575	0.549	0.554	0.564	0.555	0.517	0.455	0.386	0.328
5581	55.80	0.294	0.280	0.275	0.261	0.227	0.169	0.094	0.010	-0.076	-0.164
5591	55.90	-0.258	-0.365	-0.482	-0.602	-0.707	-0.781	-0.815	-0.809	-0.774	-0.726
5601	56.00	-0.679	-0.640	-0.613	-0.593	-0.582	-0.580	-0.590	-0.611	-0.632	-0.632
5611	56.10	-0.585	-0.472	-0.289	-0.053	0.202	0.431	0.598	0.681	0.684	0.630
5621	56.20	0.552	0.481	0.439	0.431	0.451	0.485	0.520	0.544	0.555	0.551
5631	56.30	0.540	0.528	0.524	0.536	0.565	0.604	0.638	0.648	0.618	0.542
5641	56.40	0.426	0.290	0.156	0.044	-0.042	-0.107	-0.168	-0.240	-0.329	-0.427
5651	56.50	-0.521	-0.600	-0.662	-0.719	-0.788	-0.884	-1.005	-1.130	-1.226	-1.259
5661	56.60	-1.213	-1.098	-0.944	-0.791	-0.672	-0.600	-0.563	-0.537	-0.498	-0.435
5671	56.70	-0.354	-0.272	-0.205	-0.157	-0.118	-0.071	-0.005	0.082	0.172	0.244
5681	56.80	0.288	0.307	0.327	0.378	0.477	0.614	0.747	0.821	0.787	0.631
5691	56.90	0.383	0.108	-0.115	-0.226	-0.210	-0.093	0.061	0.189	0.249	0.235
5701	57.00	0.176	0.115	0.088	0.106	0.156	0.210	0.241	0.239	0.214	0.187
5711	57.10	0.178	0.194	0.228	0.263	0.281	0.278	0.261	0.246	0.248	0.272
5721	57.20	0.306	0.332	0.331	0.294	0.225	0.141	0.061	0.000	-0.040	-0.067
5731	57.30	-0.093	-0.127	-0.171	-0.222	-0.271	-0.314	-0.352	-0.391	-0.435	-0.484
5741	57.40	-0.530	-0.560	-0.563	-0.533	-0.477	-0.410	-0.351	-0.313	-0.301	-0.306
5751	57.50	-0.314	-0.310	-0.288	-0.251	-0.209	-0.176	-0.160	-0.158	-0.161	-0.156
5761	57.60	-0.134	-0.096	-0.051	-0.016	-0.002	-0.011	-0.030	-0.033	0.005	0.104
5771	57.70	0.264	0.463	0.664	0.822	0.903	0.895	0.811	0.685	0.560	0.472
5781	57.80	0.436	0.444	0.471	0.485	0.465	0.405	0.316	0.223	0.147	0.099
5791	57.90	0.074	0.054	0.022	-0.034	-0.109	-0.188	-0.253	-0.294	-0.312	-0.325
5801	58.00	-0.354	-0.413	-0.503	-0.605	-0.691	-0.729	-0.704	-0.615	-0.479	-0.322
5811	58.10	-0.168	-0.030	0.089	0.195	0.293	0.383	0.459	0.512	0.535	0.528
5821	58.20	0.500	0.466	0.441	0.430	0.436	0.450	0.465	0.478	0.488	0.500
5831	58.30	0.517	0.540	0.558	0.557	0.521	0.438	0.303	0.126	-0.075	-0.276
5841	58.40	-0.452	-0.588	-0.683	-0.749	-0.811	-0.897	-1.029	-1.207	-1.410	-1.597
5851	58.50	-1.720	-1.739	-1.638	-1.434	-1.173	-0.908	-0.682	-0.533	-0.438	-0.371
5861	58.60	-0.296	-0.188	-0.047	0.112	0.261	0.382	0.477	0.563	0.666	0.803
5871	58.70	0.969	1.138	1.275	1.350	1.354	1.305	1.240	1.194	1.186	1.210
5881	58.80	1.237	1.229	1.162	1.032	0.860	0.680	0.522	0.401	0.312	0.238
5891	58.90	0.159	0.065	-0.043	-0.153	-0.258	-0.356	-0.454	-0.563	-0.687	-0.814
5901	59.00	-0.920	-0.976	-0.958	-0.864	-0.715	-0.549	-0.402	-0.303	-0.254	-0.241
5911	59.10	-0.234	-0.208	-0.151	-0.065	0.030	0.117	0.180	0.219	0.245	0.274
5921	59.20	0.321	0.393	0.485	0.583	0.666	0.715	0.718	0.670	0.579	0.459
5931	59.30	0.333	0.221	0.136	0.077	0.041	0.010	-0.030	-0.091	-0.169	-0.253
5941	59.40	-0.330	-0.388	-0.427	-0.460	-0.505	-0.576	-0.672	-0.777	-0.857	-0.876
5951	59.50	-0.812	-0.663	-0.455	-0.231	-0.038	0.087	0.132	0.108	0.043	-0.029
5961	59.60	-0.082	-0.104	-0.100	-0.083	-0.066	-0.058	-0.061	-0.071	-0.079	-0.082
5971	59.70	-0.079	-0.073	-0.069	-0.067	-0.069	-0.073	-0.077	-0.078	-0.077	-0.075
5981	59.80	-0.073	-0.072	-0.073	-0.074	-0.076	-0.077	-0.078	-0.078	-0.078	-0.077
5991	59.90	-0.076	-0.074	-0.074	-0.076	-0.080	-0.084	-0.086	-0.083	-0.075	-0.062

Table 7-94-13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1286 308-GR-1-16 HA. (HA.) ITAJIMA BRIDGE MAX. ACC. = 30.468 (GAL) T= 7.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.049	-0.038	-0.031	-0.027	-0.023	-0.017	-0.008	0.003	0.014	0.021
6011	60.10	0.025	0.026	0.028	0.035	0.047	0.061	0.074	0.081	0.082	0.079
6021	60.20	0.079	0.086	0.100	0.118	0.133	0.141	0.139	0.133	0.129	0.135
6031	60.30	0.152	0.175	0.195	0.204	0.198	0.185	0.174	0.179	0.201	0.234
6041	60.40	0.263	0.274	0.261	0.232	0.207	0.207	0.242	0.304	0.365	0.388
6051	60.50	0.338	0.206	0.009	-0.209	-0.393	-0.498	-0.501	-0.414	-0.269	-0.112
6061	60.60	0.018	0.099	0.132	0.134	0.127	0.134	0.165	0.221	0.295	0.374
6071	60.70	0.444	0.495	0.514	0.497	0.440	0.368	0.233	0.109	-0.009	-0.109
6081	60.80	-0.188	-0.251	-0.305	-0.358	-0.417	-0.483	-0.555	-0.633	-0.715	-0.802
6091	60.90	-0.891	-0.974	-1.036	-1.063	-1.043	-0.976	-0.875	-0.760	-0.657	-0.580
6101	61.00	-0.532	-0.502	-0.468	-0.410	-0.319	-0.200	-0.070	0.047	0.137	0.198
6111	61.10	0.239	0.282	0.347	0.442	0.564	0.693	0.804	0.874	0.890	0.851
6121	61.20	0.770	0.667	0.561	0.468	0.398	0.349	0.317	0.294	0.269	0.237
6131	61.30	0.192	0.136	0.072	0.008	-0.047	-0.085	-0.101	-0.096	-0.074	-0.042
6141	61.40	-0.010	0.016	0.033	0.041	0.044	0.044	0.047	0.052	0.059	0.069
6151	61.50	0.080	0.099	0.099	0.108	0.114	0.120	0.125	0.130	0.137	0.147
6161	61.60	0.159	0.171	0.180	0.187	0.189	0.191	0.196	0.205	0.219	0.235
6171	61.70	0.249	0.256	0.255	0.251	0.250	0.259	0.279	0.308	0.332	0.340
6181	61.80	0.320	0.271	0.197	0.110	0.024	-0.053	-0.119	-0.177	-0.230	-0.277
6191	61.90	-0.311	-0.324	-0.309	-0.268	-0.212	-0.160	-0.129	-0.127	-0.149	-0.177
6201	62.00	-0.190	-0.176	-0.135	-0.084	-0.048	-0.047	-0.091	-0.173	-0.276	-0.379
6211	62.10	-0.470	-0.546	-0.618	-0.698	-0.789	-0.887	-0.974	-1.029	-1.035	-0.985
6221	62.20	-0.887	-0.755	-0.608	-0.465	-0.337	-0.236	-0.164	-0.123	-0.101	-0.081
6231	62.30	-0.037	0.056	0.211	0.420	0.650	0.855	0.983	1.006	0.921	0.761
6241	62.40	0.578	0.423	0.328	0.297	0.306	0.318	0.305	0.256	0.181	0.103
6251	62.50	0.041	0.003	-0.018	-0.039	-0.076	-0.131	-0.196	-0.256	-0.298	-0.324
6261	62.60	-0.345	-0.380	-0.440	-0.521	-0.602	-0.652	-0.644	-0.565	-0.425	-0.247
6271	62.70	-0.061	0.108	0.247	0.357	0.443	0.511	0.559	0.580	0.570	0.531
6281	62.80	0.474	0.416	0.376	0.364	0.378	0.404	0.427	0.434	0.423	0.401
6291	62.90	0.378	0.365	0.366	0.377	0.389	0.393	0.387	0.372	0.356	0.344
6301	63.00	0.342	0.348	0.358	0.364	0.360	0.343	0.311	0.269	0.221	0.172
6311	63.10	0.126	0.088	0.058	0.034	0.011	-0.016	-0.050	-0.091	-0.135	-0.175
6321	63.20	-0.206	-0.227	-0.244	-0.266	-0.301	-0.352	-0.413	-0.468	-0.498	-0.489
6331	63.30	-0.434	-0.339	-0.220	-0.096	0.018	0.115	0.193	0.256	0.303	0.332
6341	63.40	0.336	0.310	0.255	0.182	0.108	0.053	0.029	0.035	0.058	0.073
6351	63.50	0.061	0.009	-0.079	-0.188	-0.297	-0.389	-0.461	-0.521	-0.584	-0.664
6361	63.60	-0.760	-0.860	-0.941	-0.978	-0.955	-0.876	-0.761	-0.638	-0.534	-0.467
6371	63.70	-0.435	-0.424	-0.413	-0.384	-0.333	-0.267	-0.199	-0.142	-0.103	-0.077
6381	63.80	-0.053	-0.019	0.031	0.093	0.157	0.212	0.251	0.277	0.299	0.330
6391	63.90	0.380	0.448	0.524	0.590	0.630	0.632	0.594	0.526	0.440	0.353
6401	64.00	0.276	0.214	0.169	0.135	0.107	0.079	0.045	0.002	-0.050	-0.107
6411	64.10	-0.163	-0.213	-0.251	-0.278	-0.302	-0.332	-0.378	-0.442	-0.519	-0.590
6421	64.20	-0.634	-0.632	-0.573	-0.464	-0.325	-0.183	-0.060	0.029	0.088	0.132
6431	64.30	0.180	0.248	0.338	0.438	0.526	0.580	0.585	0.543	0.467	0.384
6441	64.40	0.316	0.279	0.275	0.290	0.307	0.310	0.289	0.251	0.207	0.172
6451	64.50	0.157	0.160	0.172	0.176	0.162	0.128	0.083	0.043	0.022	0.024
6461	64.60	0.042	0.059	0.055	0.020	-0.043	-0.117	-0.184	-0.230	-0.257	-0.283
6471	64.70	-0.329	-0.411	-0.522	-0.632	-0.698	-0.676	-0.547	-0.326	-0.061	0.182
6481	64.80	0.342	0.385	0.319	0.183	0.036	-0.071	-0.112	-0.093	-0.045	-0.005
6491	64.90	0.001	-0.033	-0.090	-0.144	-0.173	-0.167	-0.134	-0.093	-0.062	-0.050

Table 7-94-14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1286 308-GR-1-16 HA. (HA.) ITAJIMA BRIDGE MAX. ACC. = 30.466 (GAL) T= 7.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-0.055	-0.065	-0.068	-0.058	-0.035	-0.011	0.006	0.010	0.004	-0.003
6511	65.10	-0.002	0.011	0.032	0.055	0.070	0.073	0.069	0.065	0.067	0.080
6521	65.20	0.101	0.123	0.137	0.141	0.137	0.133	0.136	0.150	0.172	0.194
6531	65.30	0.209	0.212	0.208	0.203	0.206	0.221	0.244	0.269	0.285	0.288
6541	65.40	0.281	0.273	0.274	0.290	0.318	0.349	0.368	0.370	0.356	0.339
6551	65.50	0.333	0.351	0.393	0.444	0.482	0.483	0.432	0.331	0.193	0.039
6561	65.60	-0.110	-0.247	-0.371	-0.490	-0.607	-0.718	-0.810	-0.866	-0.866	-0.814
6571	65.70	-0.722	-0.614	-0.518	-0.454	-0.427	-0.428	-0.436	-0.433	-0.409	-0.366
6581	65.80	-0.313	-0.266	-0.233	-0.215	-0.204	-0.191	-0.168	-0.132	-0.090	-0.049
6591	65.90	-0.016	0.007	0.024	0.041	0.064	0.096	0.133	0.172	0.206	0.234
6601	66.00	0.255	0.271	0.283	0.292	0.295	0.293	0.291	0.292	0.305	0.326
6611	66.10	0.353	0.371	0.357	0.292	0.168	-0.010	-0.219	-0.423	-0.587	-0.685
6621	66.20	-0.705	-0.657	-0.563	-0.453	-0.351	-0.273	-0.222	-0.191	-0.171	-0.150
6631	66.30	-0.124	-0.090	-0.052	-0.012	0.029	0.068	0.105	0.140	0.173	0.204
6641	66.40	0.234	0.266	0.302	0.342	0.386	0.428	0.463	0.490	0.512	0.534
6651	66.50	0.567	0.615	0.675	0.735	0.776	0.775	0.720	0.613	0.469	0.317
6661	66.60	0.183	0.087	0.028	-0.008	-0.046	-0.107	-0.202	-0.321	-0.440	-0.528
6671	66.70	-0.559	-0.526	-0.435	-0.314	-0.190	-0.090	-0.025	0.008	0.023	0.038
6681	66.80	0.069	0.119	0.185	0.257	0.320	0.364	0.386	0.388	0.375	0.357
6691	66.90	0.344	0.341	0.349	0.366	0.384	0.393	0.384	0.352	0.296	0.224
6701	67.00	0.146	0.075	0.017	-0.026	-0.057	-0.084	-0.117	-0.159	-0.212	-0.271
6711	67.10	-0.327	-0.376	-0.414	-0.445	-0.476	-0.513	-0.563	-0.625	-0.694	-0.756
6721	67.20	-0.798	-0.807	-0.778	-0.713	-0.623	-0.525	-0.436	-0.369	-0.327	-0.304
6731	67.30	-0.287	-0.262	-0.221	-0.163	-0.098	-0.037	0.010	0.043	0.066	0.092
6741	67.40	0.131	0.187	0.252	0.315	0.365	0.395	0.412	0.430	0.466	0.529
6751	67.50	0.613	0.697	0.752	0.751	0.682	0.549	0.376	0.197	0.046	-0.055
6761	67.60	-0.098	-0.090	-0.047	0.012	0.070	0.117	0.146	0.153	0.137	0.099
6771	67.70	0.044	-0.022	-0.093	-0.161	-0.227	-0.292	-0.358	-0.427	-0.492	-0.541
6781	67.80	-0.558	-0.533	-0.465	-0.365	-0.254	-0.155	-0.084	-0.046	-0.030	-0.016
6791	67.90	0.014	0.069	0.143	0.220	0.280	0.306	0.296	0.259	0.210	0.168
6801	68.00	0.143	0.135	0.138	0.141	0.138	0.128	0.114	0.101	0.093	0.089
6811	68.10	0.086	0.078	0.067	0.055	0.047	0.045	0.046	0.045	0.031	-0.003
6821	68.20	-0.058	-0.126	-0.195	-0.254	-0.297	-0.328	-0.356	-0.391	-0.439	-0.495
6831	68.30	-0.547	-0.580	-0.585	-0.561	-0.516	-0.472	-0.438	-0.424	-0.427	-0.438
6841	68.40	-0.446	-0.442	-0.426	-0.404	-0.384	-0.373	-0.372	-0.375	-0.376	-0.368
6851	68.50	-0.353	-0.334	-0.317	-0.306	-0.303	-0.303	-0.301	-0.293	-0.277	-0.259
6861	68.60	-0.242	-0.231	-0.226	-0.224	-0.220	-0.211	-0.196	-0.178	-0.161	-0.149
6871	68.70	-0.142	-0.138	-0.133	-0.124	-0.109	-0.091	-0.073	-0.059	-0.050	-0.044
6881	68.80	-0.038	-0.029	-0.015	0.003	0.021	0.037	0.049	0.056	0.063	0.072
6891	68.90	0.085	0.103	0.123	0.141	0.154	0.163	0.171	0.180	0.195	0.215
6901	69.00	0.237	0.252	0.253	0.235	0.203	0.165	0.132	0.114	0.114	0.125
6911	69.10	0.134	0.132	0.112	0.081	0.050	0.032	0.034	0.050	0.065	0.066
6921	69.20	0.043	0.003	-0.037	-0.057	-0.047	-0.015	0.019	0.032	0.015	-0.017
6931	69.30	-0.029	0.022	0.166	0.394	0.664	0.908	1.061	1.092	1.014	0.881
6941	69.40	0.759	0.699	0.714	0.778	0.845	0.873	0.850	0.798	0.753	0.749
6951	69.50	0.791	0.854	0.901	0.903	0.857	0.793	0.754	0.768	0.834	0.916
6961	69.60	0.966	0.952	0.880	0.793	0.747	0.776	0.874	0.988	1.052	1.023
6971	69.70	0.912	0.781	0.713	0.762	0.914	1.091	1.188	1.137	0.951	0.739
6981	69.80	0.651	0.802	1.197	1.695	2.059	2.047	1.528	0.557	-0.632	-1.709

Table 7-95-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1287 308-GR-1-16 U-D (U-D) ITAJIMA BRIDGE MAX. ACC. = 11.176 (GAL) T= 2.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.0	0.0	0.0	0.0	0.0	0.878	1.793	2.554	3.083	3.383
11	0.10	3.490	3.404	3.066	2.383	1.298	-0.133	-1.710	-3.124	-4.055	-4.298
21	0.20	-3.843	-2.886	-1.753	-0.774	-0.159	0.063	0.030	-0.037	0.053	0.385
31	0.30	0.915	1.511	2.928	2.376	2.546	2.592	2.585	2.562	2.510	2.380
41	0.40	2.123	1.730	1.242	0.735	0.281	-0.084	-0.375	-0.641	-0.932	-1.270
51	0.50	-1.639	-2.001	-2.325	-2.611	-2.896	-3.224	-3.599	-3.969	-4.176	-4.090
61	0.60	-3.597	-2.709	-1.586	-0.499	0.262	0.506	0.220	-0.408	-1.072	-1.470
71	0.70	-1.450	-1.072	-0.589	-0.319	-0.485	-1.088	-1.878	-2.456	-2.452	-1.712
81	0.80	-0.397	1.054	2.148	2.465	1.939	0.848	-0.295	-0.974	-0.899	-0.136
91	0.90	0.934	1.799	2.059	1.606	0.665	-0.337	-0.978	-1.046	-0.615	0.020
101	1.00	0.519	0.682	0.547	0.345	0.351	0.706	1.321	1.915	2.162	1.880
111	1.10	1.144	0.266	-0.355	-0.437	0.038	0.810	1.470	1.668	1.284	0.484
121	1.20	-0.378	-0.952	-1.078	-0.859	-0.598	-0.622	-1.089	-1.893	-2.706	-3.141
131	1.30	-2.956	-2.175	-1.085	-0.092	0.476	0.528	0.251	-0.035	0.041	0.633
141	1.40	1.649	2.791	3.590	4.066	3.831	3.099	2.106	1.106	0.282	-0.252
151	1.50	-0.580	-0.636	-0.473	-0.121	0.365	0.882	1.298	1.495	1.430	1.167
161	1.60	0.857	0.668	0.698	0.920	1.186	1.305	1.142	0.694	0.106	-0.397
171	1.70	-0.625	-0.517	-0.182	0.150	0.232	-0.078	-0.759	-1.628	-2.428	-2.927
181	1.80	-3.002	-2.663	-2.016	-1.208	-0.370	0.390	0.978	1.288	1.208	0.657
191	1.90	-0.355	-1.686	-3.078	-4.229	-4.911	-5.064	-4.818	-4.423	-4.115	-3.973
201	2.00	-3.857	-3.465	-2.491	-0.819	1.344	3.477	4.905	5.059	3.717	1.126
211	2.10	-2.062	-5.015	-7.014	-7.685	-7.089	-5.621	-3.791	-1.991	-0.352	1.242
221	2.20	3.009	5.074	7.325	9.402	10.822	11.176	10.317	8.430	5.978	3.526
231	2.30	1.550	0.292	-0.273	-0.366	-0.265	-0.190	-0.231	-0.362	-0.500	-0.576
241	2.40	-0.574	-0.538	-0.543	-0.667	-0.977	-1.523	-2.329	-3.381	-4.585	-5.748
251	2.50	-6.587	-6.794	-6.143	-4.598	-2.369	0.122	2.365	3.938	4.643	4.563
261	2.60	3.997	3.310	2.769	2.448	2.227	1.902	1.321	0.481	-0.465	-1.296
271	2.70	-1.844	-2.089	-2.162	-2.253	-2.482	-2.793	-2.950	-2.645	-1.659	-0.006
281	2.80	2.019	3.927	5.221	5.598	5.069	3.955	2.751	1.921	1.724	2.132
291	2.90	2.876	3.592	3.981	3.930	3.539	3.050	2.727	2.739	3.093	3.634
301	3.00	4.117	4.302	4.041	3.334	2.321	1.229	0.291	-0.350	-0.697	-0.902
311	3.10	-1.218	-1.886	-3.027	-4.556	-6.184	-7.503	-8.125	-7.837	-6.687	-4.967
321	3.20	-3.102	-1.484	-0.334	0.350	0.726	0.973	1.151	1.136	0.678	-0.449
331	3.30	-2.265	-4.486	-6.556	-7.821	-7.783	-6.318	-3.757	-0.799	1.727	3.153
341	3.40	3.191	2.012	0.146	-1.741	-3.094	-3.653	-3.495	-2.949	-2.421	-2.208
351	3.50	-2.385	-2.776	-3.043	-2.817	-1.845	-0.084	2.271	4.842	7.168	8.827
361	3.60	9.535	9.206	7.941	5.994	3.688	1.348	-0.747	-2.395	-3.467	-3.909
371	3.70	-3.735	-3.037	-1.981	-0.789	0.308	1.136	1.637	1.892	2.089	2.440
381	3.80	3.068	3.934	4.824	5.414	5.405	4.648	3.222	1.411	-0.404	-1.890
391	3.90	-2.886	-3.444	-3.768	-4.083	-4.510	-4.986	-5.295	-5.170	-4.437	-3.117
401	4.00	-1.442	0.223	1.522	2.243	2.390	2.161	1.849	1.703	1.828	2.149
411	4.10	2.468	2.563	2.311	1.753	1.088	0.597	0.536	1.025	2.006	3.256
421	4.20	4.467	5.345	5.696	5.468	4.731	3.625	2.296	0.856	-0.621	-2.067
431	4.30	-3.383	-4.427	-5.038	-5.095	-4.583	-3.630	-2.489	-1.460	-0.782	-0.567
441	4.40	-0.667	-0.921	-1.065	-0.942	-0.556	-0.067	0.296	0.344	0.029	-0.533
451	4.50	-1.120	-1.506	-1.574	-1.366	-1.056	-0.860	-0.935	-1.303	-1.859	-2.425
461	4.60	-2.850	-3.081	-3.173	-3.244	-3.399	-3.660	-3.950	-4.126	-4.049	-3.659
471	4.70	-2.995	-2.178	-1.351	-0.618	-0.012	0.492	0.938	1.338	1.659	1.831
481	4.80	1.803	1.586	1.272	1.008	0.932	1.104	1.458	1.811	1.927	1.604
491	4.90	0.772	-0.465	-1.848	-3.041	-3.744	-3.802	-3.265	-2.376	-1.490	-0.949

Table 7-95-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1287 308-GR-1-16 U-D (U-D) ITAJIMA BRIDGE MAX. ACC. = 11.176 (GAL) T= 2.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.952	-1.478	-2.276	-2.945	-3.068	-2.360	-0.781	1.446	3.888	6.039
511	5.10	7.471	7.953	7.504	6.357	4.867	3.387	2.172	1.332	0.842	0.588
521	5.20	0.437	0.286	0.092	-0.131	-0.333	-0.460	-0.472	-0.368	-0.184	0.010
531	5.30	0.132	0.112	-0.079	-0.413	-0.803	-1.123	-1.247	-1.090	-0.632	0.071
541	5.40	0.907	1.741	2.449	2.941	3.159	3.081	2.714	2.094	1.296	0.440
551	5.50	-0.323	-0.843	-1.009	-0.791	-0.249	0.487	1.261	1.943	2.467	2.824
561	5.60	3.037	3.126	3.076	2.849	2.405	1.746	0.933	0.080	-0.688	-1.265
571	5.70	-1.616	-1.746	-1.689	-1.467	-1.081	-0.523	0.182	0.937	1.576	1.902
581	5.80	1.759	1.112	0.075	-1.115	-2.178	-2.887	-3.146	-3.004	-2.613	-2.151
591	5.90	-1.755	-1.482	-1.325	-1.246	-1.218	-1.229	-1.270	-1.303	-1.257	-1.051
601	6.00	-0.644	-0.085	0.476	0.825	0.775	0.250	-0.660	-1.716	-2.617	-3.111
611	6.10	-3.090	-2.618	-1.898	-1.179	-0.661	-0.437	-0.484	-0.695	-0.935	-1.079
621	6.20	-1.030	-0.719	-0.115	0.765	1.824	2.880	3.687	4.002	3.677	2.735
631	6.30	1.390	-0.012	-1.103	-1.630	-1.538	-0.982	-0.247	0.373	0.698	0.714
641	6.40	0.559	0.437	0.518	0.863	1.404	1.983	2.419	2.570	2.372	1.847
651	6.50	1.075	0.175	-0.727	-1.510	-2.086	-2.407	-2.484	-2.381	-2.194	-2.007
661	6.60	-1.861	-1.729	-1.533	-1.196	-0.695	-0.093	0.470	0.833	0.890	0.638
671	6.70	0.184	-0.308	-0.697	-0.935	-1.059	-1.162	-1.302	-1.431	-1.391	-0.976
681	6.80	-0.050	1.356	3.003	4.504	5.462	5.615	4.938	3.649	2.109	0.683
691	6.90	-0.394	-1.065	-1.419	-1.600	-1.713	-1.774	-1.733	-1.542	-1.222	-0.877
701	7.00	-0.659	-0.674	-0.916	-1.242	-1.427	-1.272	-0.707	0.159	1.084	1.793
711	7.10	2.106	2.021	1.707	1.415	1.351	1.573	1.965	2.299	2.358	2.046
721	7.20	1.435	0.737	0.185	-0.078	-0.075	0.017	-0.035	-0.397	-1.067	-1.867
731	7.30	-2.510	-2.741	-2.457	-1.775	-0.988	-0.453	-0.434	-1.001	-1.998	-3.121
741	7.40	-4.046	-4.559	-4.630	-4.393	-4.057	-3.790	-3.636	-3.505	-3.230	-2.676
751	7.50	-1.819	-0.775	0.245	1.033	1.483	1.641	1.679	1.800	2.136	2.663
761	7.60	3.204	3.497	3.321	2.601	1.462	0.201	-0.814	-1.271	-1.017	-0.100
771	7.70	1.254	2.729	4.009	4.855	5.150	4.893	4.176	3.151	1.997	0.892
781	7.80	-0.020	-0.652	-1.000	-1.145	-1.227	-1.400	-1.757	-2.288	-2.864	-3.266
791	7.90	-3.265	-2.711	-1.594	-0.072	1.573	3.010	3.954	4.239	3.845	2.888
801	8.00	1.573	0.132	-1.225	-2.334	-3.091	-3.444	-3.390	-2.967	-2.251	-1.347
811	8.10	-0.379	0.535	1.303	1.874	2.238	2.417	2.438	2.314	2.036	1.578
821	8.20	0.927	0.110	-0.781	-1.590	-2.132	-2.252	-1.887	-1.104	-0.105	0.835
831	8.30	1.454	1.598	1.282	0.679	0.042	-0.410	-0.604	-0.654	-0.812	-1.344
841	8.40	-2.378	-3.791	-5.209	-6.119	-6.066	-4.849	-2.639	0.057	2.554	4.239
851	8.50	4.782	4.248	3.041	1.726	0.795	0.490	0.734	1.211	1.539	1.453
861	8.60	0.913	0.116	-0.615	-0.971	-0.787	-0.093	0.919	1.983	2.861	3.398
871	8.70	3.543	3.310	2.742	1.886	0.798	-0.432	-1.668	-2.737	-3.473	-3.769
881	8.80	-3.622	-3.136	-2.482	-1.834	-1.309	-0.926	-0.624	-0.296	0.147	0.737
891	8.90	1.436	2.144	2.742	3.117	3.191	2.933	2.361	1.545	0.604	-0.309
901	9.00	-1.028	-1.421	-1.435	-1.123	-0.648	-0.229	-0.065	-0.261	-0.776	-1.435
911	9.10	-1.999	-2.257	-2.123	-1.666	-1.092	-0.655	-0.556	-0.860	-1.479	-2.204
921	9.20	-2.795	-3.060	-2.913	-2.381	-1.557	-0.554	0.541	1.673	2.798	3.840
931	9.30	4.676	5.150	5.121	4.526	3.430	2.030	0.610	-0.546	-1.238	-1.412
941	9.40	-1.169	-0.713	-0.269	-0.001	0.047	-0.054	-0.163	-0.140	0.080	0.454
951	9.50	0.838	1.041	0.901	0.354	-0.537	-1.591	-2.566	-3.234	-3.455	-3.215
961	9.60	-2.614	-1.823	-1.016	-0.307	0.279	0.785	1.282	1.807	2.326	2.738
971	9.70	2.908	2.741	2.234	1.502	0.743	0.173	-0.058	0.074	0.455	0.881
981	9.80	1.137	1.086	0.712	0.123	-0.501	-0.983	-1.214	-1.175	-0.929	-0.572
991	9.90	-0.195	0.148	0.435	0.652	0.772	0.754	0.560	0.189	-0.303	-0.809

Table 7-95-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1287 308-GR-1-16 U-D (U-D) ITAJIMA BRIDGE MAX. ACC. = 11.176 (GAL) T= 2.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-1.210	-1.427	-1.469	-1.430	-1.454	-1.658	-2.063	-2.565	-2.957	-3.020
1011	10.10	-2.612	-1.745	-0.596	0.551	1.405	1.776	1.629	1.080	0.327	-0.436
1021	10.20	-1.090	-1.618	-2.067	-2.491	-2.895	-3.209	-3.323	-3.138	-2.625	-1.850
1031	10.30	-0.951	-0.088	0.622	1.144	1.522	1.841	2.177	2.552	2.934	3.256
1041	10.40	3.457	3.512	3.443	3.300	3.129	2.954	2.773	2.582	2.399	2.270
1051	10.50	2.254	2.386	2.636	2.898	3.015	2.841	2.313	1.495	0.574	-0.211
1061	10.60	-0.656	-0.683	-0.373	0.062	0.366	0.345	-0.060	-0.757	-1.549	-2.229
1071	10.70	-2.661	-2.825	-2.808	-2.742	-2.725	-2.781	-2.847	-2.815	-2.597	-2.174
1081	10.80	-1.605	-1.007	-0.497	-0.145	0.047	0.130	0.165	0.175	0.125	-0.066
1091	10.90	-0.481	-1.145	-1.991	-2.853	-3.511	-3.751	-3.443	-2.584	-1.306	0.161
1101	11.00	1.551	2.633	3.266	3.425	3.185	2.691	2.102	1.551	1.118	0.826
1111	11.10	0.652	0.554	0.491	0.438	0.385	0.331	0.274	0.204	0.108	-0.025
1121	11.20	-0.190	-0.370	-0.534	-0.656	-0.727	-0.762	-0.795	-0.865	-0.993	-1.166
1131	11.30	-1.338	-1.439	-1.402	-1.191	-0.811	-0.316	0.214	0.694	1.065	1.299
1141	11.40	1.407	1.425	1.391	1.336	1.273	1.196	1.096	0.962	0.797	0.618
1151	11.50	0.449	0.316	0.235	0.203	0.201	0.196	0.156	0.062	-0.084	-0.256
1161	11.60	-0.409	-0.494	-0.473	-0.324	-0.050	0.329	0.785	1.280	1.773	2.212
1171	11.70	2.537	2.686	2.614	2.309	1.806	1.178	0.513	-0.118	-0.695	-1.250
1181	11.80	-1.839	-2.504	-3.218	-3.877	-4.319	-4.395	-4.037	-3.314	-2.422	-1.616
1191	11.90	-1.110	-0.977	-1.115	-1.280	-1.198	-0.692	0.223	1.327	2.268	2.698
1201	12.00	2.410	1.415	-0.061	-1.663	-3.039	-3.941	-4.284	-4.123	-3.582	-2.785
1211	12.10	-1.805	-0.668	0.607	1.959	3.260	4.331	4.992	5.120	4.697	3.809
1221	12.20	2.615	1.298	0.012	-1.139	-2.101	-2.843	-3.332	-3.524	-3.363	-2.816
1231	12.30	-1.888	-0.653	0.752	2.145	3.328	4.135	4.464	4.300	3.720	2.871
1241	12.40	1.923	1.024	0.256	-0.381	-0.950	-1.528	-2.150	-2.772	-3.262	-3.448
1251	12.50	-3.187	-2.439	-1.306	-0.009	1.173	2.003	2.359	2.271	1.890	1.412
1261	12.60	0.995	0.703	0.498	0.284	-0.027	-0.450	-0.917	-1.291	-1.435	-1.266
1271	12.70	-0.796	-0.128	0.587	1.199	1.610	1.792	1.781	1.641	1.438	1.210
1281	12.80	0.969	0.707	0.415	0.099	-0.216	-0.490	-0.682	-0.763	-0.720	-0.567
1291	12.90	-0.339	-0.079	0.168	0.372	0.519	0.615	0.673	0.701	0.694	0.631
1301	13.00	0.479	0.219	-0.144	-0.570	-0.988	-1.318	-1.490	-1.468	-1.252	-0.870
1311	13.10	-0.360	0.242	0.902	1.578	2.211	2.716	3.005	3.012	2.733	2.240
1321	13.20	1.671	1.183	0.894	0.831	0.916	0.997	0.912	0.562	-0.040	-0.769
1331	13.30	-1.431	-1.841	-1.893	-1.591	-1.044	-0.410	0.163	0.587	0.845	0.970
1341	13.40	1.000	0.949	0.798	0.511	0.078	-0.461	-1.001	-1.407	-1.556	-1.392
1351	13.50	-0.947	-0.362	0.260	0.707	0.910	0.871	0.665	0.413	0.225	0.163
1361	13.60	0.224	0.350	0.455	0.461	0.326	0.055	-0.309	-0.702	-1.066	-1.350
1371	13.70	-1.536	-1.621	-1.607	-1.500	-1.301	-1.011	-0.642	-0.221	0.203	0.564
1381	13.80	0.792	0.833	0.663	0.300	-0.197	-0.739	-1.228	-1.583	-1.762	-1.773
1391	13.90	-1.672	-1.546	-1.488	-1.567	-1.801	-2.153	-2.532	-2.819	-2.898	-2.693
1401	14.00	-2.188	-1.442	-0.572	0.265	0.913	1.248	1.207	0.799	0.102	-0.756
1411	14.10	-1.619	-2.335	-2.785	-2.905	-2.697	-2.234	-1.637	-1.057	-0.633	-0.459
1421	14.20	-0.560	-0.886	-1.323	-1.732	-1.988	-2.019	-1.821	-1.453	-1.007	-0.573
1431	14.30	-0.208	0.081	0.326	0.569	0.837	1.122	1.383	1.573	1.663	1.664
1441	14.40	1.628	1.626	1.716	1.911	2.172	2.420	2.572	2.580	2.447	2.228
1451	14.50	1.999	1.822	1.721	1.671	1.626	1.545	1.418	1.274	1.154	1.089
1461	14.60	1.075	1.071	1.021	0.893	0.701	0.505	0.379	0.365	0.440	0.510
1471	14.70	0.452	0.177	-0.307	-0.882	-1.347	-1.499	-1.225	-0.563	0.308	1.126
1481	14.80	1.651	1.762	1.498	1.033	0.597	0.375	0.439	0.729	1.096	1.377
1491	14.90	1.468	1.358	1.113	0.833	0.592	0.411	0.255	0.066	-0.199	-0.541

Table 7-95-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1287 308-GR-1-16 U-D (U-D) ITAJIMA BRIDGE MAX. ACC. = 11.176 (GAL) T= 2.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.915	-1.257	-1.508	-1.640	-1.659	-1.599	-1.498	-1.394	-1.311	-1.272
1511	15.10	-1.293	-1.380	-1.519	-1.663	-1.741	-1.672	-1.402	-0.937	-0.349	0.234
1521	15.20	0.672	0.869	0.809	0.564	0.268	0.064	0.045	0.220	0.514	0.804
1531	15.30	0.966	0.926	0.683	0.303	-0.111	-0.458	-0.677	-0.757	-0.731	-0.652
1541	15.40	-0.567	-0.495	-0.419	-0.299	-0.091	0.229	0.646	1.102	1.514	1.796
1551	15.50	1.889	1.781	1.514	1.167	0.823	0.544	0.346	0.209	0.093	-0.022
1561	15.60	-0.113	-0.117	0.055	0.462	1.102	1.883	2.645	3.201	3.403	3.394
1571	15.70	2.633	1.870	1.101	0.496	0.156	0.087	0.217	0.438	0.645	0.773
1581	15.80	0.808	0.772	0.707	0.650	0.618	0.616	0.632	0.648	0.643	0.590
1591	15.90	0.455	0.211	-0.159	-0.642	-1.194	-1.739	-2.193	-2.487	-2.590	-2.523
1601	16.00	-2.348	-2.154	-2.019	-1.994	-2.084	-2.253	-2.440	-2.570	-2.578	-2.415
1611	16.10	-2.055	-1.500	-0.792	-0.006	0.748	1.350	1.694	1.733	1.493	1.078
1621	16.20	0.640	0.323	0.209	0.281	0.429	0.496	0.345	-0.076	-0.702	-1.377
1631	16.30	-1.915	-2.179	-2.139	-1.887	-1.590	-1.417	-1.462	-1.706	-2.033	-2.283
1641	16.40	-2.332	-2.144	-1.783	-1.373	-1.040	-0.855	-0.809	-0.839	-0.865	-0.846
1651	16.50	-0.794	-0.761	-0.795	-0.904	-1.037	-1.104	-1.025	-0.772	-0.391	0.015
1661	16.60	0.341	0.531	0.611	0.673	0.823	1.121	1.534	1.940	2.181	2.133
1671	16.70	1.772	1.195	0.581	0.118	-0.076	0.000	0.234	0.461	0.537	0.410
1681	16.80	0.136	-0.148	-0.292	-0.203	0.121	0.588	1.059	1.408	1.567	1.546
1691	16.90	1.406	1.226	1.056	0.904	0.746	0.551	0.314	0.070	-0.121	-0.198
1701	17.00	-0.135	0.044	0.273	0.472	0.585	0.602	0.562	0.528	0.552	0.647
1711	17.10	0.785	0.911	0.979	0.983	0.962	0.982	1.100	1.323	1.592	1.804
1721	17.20	1.850	1.670	1.285	0.792	0.324	-0.006	-0.160	-0.185	-0.195	-0.308
1731	17.30	-0.590	-1.012	-1.463	-1.793	-1.876	-1.665	-1.212	-0.646	-0.122	0.230
1741	17.40	0.347	0.233	-0.057	-0.452	-0.888	-1.322	-1.719	-2.047	-2.266	-2.341
1751	17.50	-2.256	-2.024	-1.696	-1.342	-1.027	-0.789	-0.632	-0.528	-0.442	-0.345
1761	17.60	-0.227	-0.091	0.060	0.225	0.411	0.613	0.806	0.945	0.980	0.889
1771	17.70	0.701	0.506	0.426	0.563	0.946	1.502	2.067	2.452	2.514	2.222
1781	17.80	1.671	1.043	0.527	0.236	0.165	0.205	0.206	0.061	-0.240	-0.603
1791	17.90	-0.883	-0.963	-0.817	-0.529	-0.250	-0.119	-0.190	-0.402	-0.610	-0.659
1801	18.00	-0.462	-0.077	0.358	0.642	0.629	0.288	-0.276	-0.873	-1.305	-1.455
1811	18.10	-1.319	-0.997	-0.633	-0.348	-0.195	-0.148	-0.139	-0.103	-0.011	0.120
1821	18.20	0.250	0.346	0.406	0.457	0.533	0.653	0.799	0.931	1.004	0.999
1831	18.30	0.935	0.860	0.819	0.834	0.889	0.943	0.958	0.923	0.865	0.831
1841	18.40	0.858	0.945	1.048	1.105	1.074	0.963	0.838	0.790	0.878	1.090
1851	18.50	1.323	1.418	1.233	0.706	-0.097	-1.002	-1.789	-2.279	-2.395	-2.192
1861	18.60	-1.816	-1.439	-1.186	-1.099	-1.141	-1.235	-1.316	-1.360	-1.389	-1.444
1871	18.70	-1.552	-1.713	-1.904	-2.098	-2.285	-2.472	-2.671	-2.863	-2.984	-2.937
1881	18.80	-2.623	-1.997	-1.103	-0.074	0.906	1.664	2.101	2.217	2.098	1.867
1891	18.90	1.624	1.410	1.210	0.982	0.702	0.395	0.137	0.016	0.105	0.406
1901	19.00	0.859	1.373	1.848	2.214	2.442	2.530	2.485	2.299	1.956	1.448
1911	19.10	0.796	0.070	-0.628	-1.192	-1.543	-1.660	-1.579	-1.366	-1.087	-0.781
1921	19.20	-0.450	-0.080	0.335	0.765	1.151	1.416	1.508	1.424	1.220	0.988
1931	19.30	0.822	0.780	0.859	1.003	1.133	1.188	1.152	1.060	0.979	0.970
1941	19.40	1.051	1.183	1.280	1.238	0.983	0.502	-0.147	-0.854	-1.497	-1.986
1951	19.50	-2.291	-2.449	-2.538	-2.634	-2.778	-2.950	-3.083	-3.095	-2.930	-2.589
1961	19.60	-2.136	-1.674	-1.302	-1.080	-1.006	-1.032	-1.088	-1.127	-1.136	-1.140
1971	19.70	-1.171	-1.234	-1.290	-1.265	-1.085	-0.714	-0.188	0.391	0.895	1.217
1981	19.80	1.323	1.262	1.139	1.066	1.102	1.232	1.369	1.403	1.252	0.904
1991	19.90	0.425	-0.074	-0.478	-0.716	-0.777	-0.699	-0.542	-0.357	-0.168	0.022

Table 7-95-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1287 308-GR-1-16 U-D (U-D) ITAJIMA BRIDGE MAX. ACC. = 11.176 (GAL) T= 2.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.218	0.417	0.597	0.736	0.820	0.863	0.898	0.968	1.100	1.288
2011	20.10	1.496	1.673	1.774	1.786	1.724	1.629	1.542	1.486	1.461	1.451
2021	20.20	1.429	1.378	1.287	1.151	0.965	0.726	0.434	0.107	-0.218	-0.492
2031	20.30	-0.671	-0.738	-0.717	-0.669	-0.664	-0.745	-0.908	-1.088	-1.189	-1.126
2041	20.40	-0.862	-0.433	0.062	0.699	0.778	0.855	0.757	0.556	0.341	0.178
2051	20.50	0.096	0.086	0.121	0.174	0.231	0.279	0.301	0.269	0.145	-0.096
2061	20.60	-0.444	-0.846	-1.213	-1.447	-1.482	-1.308	-0.983	-0.606	-0.282	-0.081
2071	20.70	-0.013	-0.035	-0.073	-0.058	0.042	0.219	0.429	0.618	0.742	0.788
2081	20.80	0.762	0.687	0.585	0.470	0.351	0.232	0.121	0.026	-0.042	-0.086
2091	20.90	-0.116	-0.151	-0.209	-0.293	-0.394	-0.491	-0.565	-0.611	-0.641	-0.681
2101	21.00	-0.750	-0.846	-0.941	-0.982	-0.917	-0.717	-0.400	-0.028	0.312	0.542
2111	21.10	0.627	0.590	0.503	0.456	0.514	0.689	0.928	1.132	1.203	1.080
2121	21.20	0.769	0.343	-0.089	-0.420	-0.588	-0.587	-0.462	-0.279	-0.093	0.071
2131	21.30	0.216	0.353	0.482	0.569	0.560	0.399	0.059	-0.432	-0.994	-1.521
2141	21.40	-1.911	-2.107	-2.111	-1.974	-1.772	-1.571	-1.401	-1.255	-1.104	-0.922
2151	21.50	-0.704	-0.477	-0.286	-0.178	-0.176	-0.274	-0.441	-0.634	-0.813	-0.951
2161	21.60	-1.036	-1.063	-1.033	-0.948	-0.812	-0.636	-0.435	-0.227	-0.025	0.171
2171	21.70	0.365	0.560	0.744	0.883	0.930	0.841	0.598	0.229	-0.191	-0.567
2181	21.80	-0.810	-0.874	-0.770	-0.557	-0.317	-0.115	0.019	0.096	0.150	0.210
2191	21.90	0.274	0.312	0.277	0.141	-0.085	-0.342	-0.544	-0.608	-0.491	-0.204
2201	22.00	0.187	0.597	0.948	1.198	1.345	1.418	1.454	1.475	1.488	1.482
2211	22.10	1.449	1.390	1.318	1.248	1.188	1.129	1.050	0.931	0.767	0.579
2221	22.20	0.408	0.301	0.290	0.374	0.524	0.692	0.836	0.935	0.995	1.044
2231	22.30	1.106	1.189	1.272	1.314	1.275	1.134	0.906	0.639	0.398	0.237
2241	22.40	0.178	0.204	0.264	0.300	0.266	0.149	-0.027	-0.219	-0.385	-0.502
2251	22.50	-0.580	-0.649	-0.747	-0.890	-1.060	-1.210	-1.276	-1.207	-0.991	-0.662
2261	22.60	-0.296	0.022	0.221	0.276	0.211	0.083	-0.040	-0.110	-0.115	-0.077
2271	22.70	-0.034	-0.020	-0.042	-0.087	-0.124	-0.128	-0.095	-0.044	-0.006	-0.006
2281	22.80	-0.049	-0.115	-0.169	-0.176	-0.125	-0.034	0.052	0.083	0.022	-0.137
2291	22.90	-0.366	-0.612	-0.812	-0.919	-0.909	-0.794	-0.610	-0.413	-0.256	-0.177
2301	23.00	-0.179	-0.229	-0.266	-0.214	-0.018	0.336	0.802	1.283	1.657	1.819
2311	23.10	1.725	1.405	0.961	0.527	0.217	0.089	0.130	0.270	0.427	0.541
2321	23.20	0.598	0.622	0.647	0.682	0.695	0.620	0.395	-0.001	-0.523	-1.066
2331	23.30	-1.502	-1.729	-1.711	-1.488	-1.155	-0.817	-0.546	-0.362	-0.235	-0.118
2341	23.40	0.017	0.160	0.269	0.289	0.186	-0.037	-0.346	-0.685	-1.011	-1.298
2351	23.50	-1.539	-1.729	-1.850	-1.865	-1.730	-1.426	-0.974	-0.450	0.037	0.381
2361	23.60	0.515	0.435	0.202	-0.091	-0.350	-0.520	-0.591	-0.595	-0.579	-0.583
2371	23.70	-0.624	-0.698	-0.793	-0.893	-0.991	-1.081	-1.153	-1.184	-1.149	-1.027
2381	23.80	-0.816	-0.535	-0.225	0.073	0.327	0.532	0.696	0.838	0.964	1.064
2391	23.90	1.114	1.093	0.997	0.850	0.697	0.584	0.540	0.561	0.616	0.661
2401	24.00	0.661	0.609	0.524	0.443	0.395	0.391	0.416	0.441	0.441	0.413
2411	24.10	0.373	0.352	0.373	0.435	0.513	0.566	0.564	0.504	0.420	0.372
2421	24.20	0.416	0.576	0.829	1.109	1.330	1.419	1.346	1.133	0.843	0.550
2431	24.30	0.315	0.160	0.072	0.014	-0.043	-0.111	-0.174	-0.201	-0.166	-0.070
2441	24.40	0.058	0.168	0.206	0.140	-0.027	-0.254	-0.485	-0.663	-0.754	-0.756
2451	24.50	-0.694	-0.605	-0.525	-0.473	-0.451	-0.450	-0.458	-0.466	-0.471	-0.474
2461	24.60	-0.474	-0.466	-0.446	-0.416	-0.383	-0.365	-0.375	-0.415	-0.467	-0.498
2471	24.70	-0.464	-0.339	-0.124	0.143	0.396	0.567	0.608	0.516	0.334	0.132
2481	24.80	-0.016	-0.066	-0.018	0.086	0.182	0.215	0.159	0.026	-0.142	-0.296
2491	24.90	-0.407	-0.473	-0.522	-0.592	-0.711	-0.879	-1.065	-1.220	-1.297	-1.266

Table 7-95-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1287 308-GR-1-16 U-D (U-D) ITAJIMA BRIDGE MAX. ACC. = 11.176 (GAL) T= 2.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-1.131	-0.919	-0.675	-0.438	-0.232	-0.061	0.085	0.223	0.360	0.493
2511	25.10	0.609	0.690	0.722	0.702	0.638	0.549	0.457	0.385	0.346	0.346
2521	25.20	0.377	0.424	0.463	0.472	0.440	0.368	0.277	0.200	0.175	0.224
2531	25.30	0.349	0.522	0.693	0.807	0.822	0.725	0.541	0.320	0.122	-0.003
2541	25.40	-0.033	0.025	0.141	0.279	0.413	0.534	0.647	0.759	0.866	0.946
2551	25.50	0.965	0.889	0.703	0.424	0.097	-0.214	-0.451	-0.578	-0.596	-0.534
2561	25.60	-0.440	-0.355	-0.303	-0.281	-0.276	-0.268	-0.248	-0.223	-0.204	-0.204
2571	25.70	-0.222	-0.244	-0.249	-0.225	-0.176	-0.123	-0.096	-0.115	-0.173	-0.236
2581	25.80	-0.248	-0.158	0.054	0.361	0.693	0.954	1.063	0.976	0.711	0.338
2591	25.90	-0.047	-0.354	-0.530	-0.570	-0.516	-0.428	-0.364	-0.358	-0.413	-0.507
2601	26.00	-0.609	-0.696	-0.756	-0.794	-0.819	-0.841	-0.861	-0.876	-0.877	-0.859
2611	26.10	-0.824	-0.780	-0.736	-0.704	-0.691	-0.697	-0.720	-0.748	-0.767	-0.754
2621	26.20	-0.685	-0.539	-0.303	0.012	0.376	0.740	1.042	1.229	1.267	1.154
2631	26.30	0.915	0.598	0.261	-0.049	-0.301	-0.480	-0.591	-0.638	-0.626	-0.553
2641	26.40	-0.409	-0.191	0.096	0.424	0.749	1.010	1.148	1.120	0.915	0.562
2651	26.50	0.129	-0.293	-0.612	-0.763	-0.723	-0.519	-0.221	0.087	0.331	0.471
2661	26.60	0.512	0.496	0.481	0.517	0.627	0.795	0.982	1.135	1.212	1.193
2671	26.70	1.087	0.922	0.736	0.558	0.409	0.294	0.207	0.135	0.063	-0.019
2681	26.80	-0.120	-0.237	-0.358	-0.461	-0.517	-0.502	-0.406	-0.241	-0.041	0.149
2691	26.90	0.290	0.362	0.373	0.352	0.329	0.321	0.317	0.286	0.194	0.027
2701	27.00	-0.187	-0.381	-0.475	-0.401	-0.145	0.242	0.662	0.995	1.151	1.101
2711	27.10	0.879	0.570	0.267	0.035	-0.109	-0.190	-0.251	-0.326	-0.416	-0.490
2721	27.20	-0.508	-0.443	-0.302	-0.124	0.036	0.134	0.161	0.145	0.135	0.173
2731	27.30	0.271	0.400	0.504	0.523	0.423	0.217	-0.044	-0.285	-0.441	-0.481
2741	27.40	-0.414	-0.285	-0.151	-0.060	-0.033	-0.061	-0.116	-0.162	-0.176	-0.151
2751	27.50	-0.098	-0.041	-0.004	-0.002	-0.032	-0.079	-0.113	-0.111	-0.061	0.025
2761	27.60	0.110	0.141	0.073	-0.118	-0.412	-0.750	-1.049	-1.231	-1.252	-1.121
2771	27.70	-0.892	-0.650	-0.467	-0.381	-0.383	-0.425	-0.449	-0.417	-0.327	-0.209
2781	27.80	-0.108	-0.054	-0.048	-0.061	-0.052	0.010	0.121	0.245	0.331	0.338
2791	27.90	0.255	0.109	-0.051	-0.179	-0.253	-0.283	-0.307	-0.359	-0.455	-0.578
2801	28.00	-0.689	-0.747	-0.730	-0.648	-0.533	-0.424	-0.339	-0.270	-0.192	-0.080
2811	28.10	0.062	0.196	0.257	0.185	-0.044	-0.396	-0.786	-1.105	-1.261	-1.221
2821	28.20	-1.019	-0.743	-0.495	-0.351	-0.332	-0.402	-0.491	-0.533	-0.494	-0.385
2831	28.30	-0.254	-0.153	-0.114	-0.132	-0.171	-0.185	-0.147	-0.059	0.042	0.110
2841	28.40	0.113	0.056	-0.016	-0.037	0.049	0.257	0.544	0.823	0.989	0.967
2851	28.50	0.738	0.356	-0.069	-0.415	-0.586	-0.552	-0.347	-0.056	0.223	0.420
2861	28.60	0.515	0.536	0.538	0.575	0.668	0.802	0.933	1.012	1.011	0.934
2871	28.70	0.815	0.698	0.619	0.591	0.600	0.618	0.620	0.593	0.546	0.493
2881	28.80	0.453	0.431	0.421	0.412	0.397	0.378	0.365	0.369	0.393	0.422
2891	28.90	0.434	0.403	0.322	0.201	0.068	-0.044	-0.110	-0.126	-0.106	-0.067
2901	29.00	-0.016	0.057	0.179	0.371	0.630	0.915	1.154	1.264	1.186	0.918
2911	29.10	0.519	0.096	-0.235	-0.390	-0.352	-0.168	0.069	0.259	0.337	0.294
2921	29.20	0.165	0.016	-0.106	-0.173	-0.198	-0.214	-0.253	-0.321	-0.399	-0.449
2931	29.30	-0.440	-0.360	-0.227	-0.080	0.040	0.110	0.132	0.126	0.120	0.129
2941	29.40	0.149	0.158	0.135	0.067	-0.035	-0.146	-0.237	-0.290	-0.307	-0.310
2951	29.50	-0.325	-0.370	-0.443	-0.528	-0.599	-0.641	-0.657	-0.664	-0.687	-0.741
2961	29.60	-0.822	-0.908	-0.971	-0.985	-0.944	-0.855	-0.730	-0.577	-0.393	-0.166
2971	29.70	0.109	0.419	0.727	0.984	1.144	1.193	1.152	1.075	1.019	1.017
2981	29.80	1.060	1.098	1.066	0.923	0.679	0.402	0.193	0.144	0.296	0.611
2991	29.90	0.989	1.301	1.441	1.369	1.119	0.780	0.456	0.220	0.091	0.037

Table 7-95-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1287 308-GR-1-16 U-D (U-D) ITAJIMA BRIDGE MAX. ACC. = 11.176 (GAL) T= 2.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.007	-0.097	-0.259	-0.479	-0.718	-0.930	-1.083	-1.167	-1.191	-1.171
3011	30.10	-1.115	-1.025	-0.898	-0.738	-0.561	-0.391	-0.256	-0.176	-0.152	-0.169
3021	30.20	-0.204	-0.231	-0.240	-0.230	-0.208	-0.184	-0.164	-0.146	-0.128	-0.108
3031	30.30	-0.092	-0.090	-0.112	-0.161	-0.231	-0.307	-0.371	-0.407	-0.407	-0.374
3041	30.40	-0.319	-0.257	-0.205	-0.172	-0.161	-0.167	-0.180	-0.188	-0.179	-0.150
3051	30.50	-0.107	-0.062	-0.032	-0.025	-0.041	-0.064	-0.074	-0.054	-0.002	0.065
3061	30.60	0.118	0.131	0.099	0.040	-0.004	0.008	0.093	0.226	0.345	0.371
3071	30.70	0.245	-0.037	-0.416	-0.783	-1.022	-1.055	-0.875	-0.547	-0.179	0.122
3081	30.80	0.299	0.357	0.358	0.380	0.474	0.639	0.821	0.945	0.945	0.808
3091	30.90	0.571	0.310	0.104	-0.002	-0.009	0.043	0.093	0.100	0.051	-0.033
3101	31.00	-0.116	-0.165	-0.173	-0.156	-0.144	-0.166	-0.232	-0.336	-0.461	-0.593
3111	31.10	-0.730	-0.881	-1.054	-1.246	-1.433	-1.574	-1.625	-1.561	-1.384	-1.133
3121	31.20	-0.867	-0.645	-0.508	-0.465	-0.495	-0.558	-0.617	-0.647	-0.644	-0.620
3131	31.30	-0.592	-0.571	-0.558	-0.550	-0.541	-0.530	-0.523	-0.525	-0.533	-0.530
3141	31.40	-0.484	-0.364	-0.148	0.155	0.506	0.841	1.093	1.218	1.208	1.100
3151	31.50	0.955	0.840	0.797	0.829	0.905	0.979	1.010	0.988	0.935	0.890
3161	31.60	0.890	0.945	1.033	1.108	1.124	1.055	0.911	0.732	0.565	0.439
3171	31.70	0.354	0.276	0.168	0.009	-0.179	-0.337	-0.387	-0.271	0.018	0.421
3181	31.80	0.832	1.132	1.234	1.115	0.827	0.470	0.159	-0.022	-0.040	0.081
3191	31.90	0.276	0.474	0.619	0.689	0.690	0.654	0.616	0.603	0.628	0.687
3201	32.00	0.760	0.820	0.835	0.780	0.646	0.446	0.213	-0.005	-0.161	-0.223
3211	32.10	-0.192	-0.097	0.016	0.096	0.115	0.071	-0.011	-0.091	-0.137	-0.133
3221	32.20	-0.092	-0.043	-0.023	-0.063	-0.176	-0.359	-0.588	-0.831	-1.043	-1.181
3231	32.30	-1.207	-1.098	-0.858	-0.525	-0.168	0.127	0.286	0.267	0.078	-0.219
3241	32.40	-0.536	-0.784	-0.905	-0.891	-0.779	-0.632	-0.513	-0.457	-0.465	-0.511
3251	32.50	-0.558	-0.580	-0.569	-0.537	-0.503	-0.484	-0.482	-0.491	-0.498	-0.496
3261	32.60	-0.485	-0.473	-0.465	-0.464	-0.464	-0.459	-0.442	-0.420	-0.404	-0.409
3271	32.70	-0.435	-0.469	-0.482	-0.435	-0.302	-0.081	0.200	0.491	0.733	0.877
3281	32.80	0.908	0.841	0.719	0.597	0.518	0.504	0.545	0.614	0.675	0.703
3291	32.90	0.690	0.651	0.610	0.593	0.611	0.657	0.709	0.743	0.742	0.710
3301	33.00	0.667	0.640	0.648	0.694	0.758	0.808	0.818	0.780	0.713	0.657
3311	33.10	0.653	0.719	0.835	0.945	0.978	0.872	0.607	0.218	-0.216	-0.595
3321	33.20	-0.837	-0.906	-0.818	-0.635	-0.438	-0.293	-0.234	-0.254	-0.319	-0.385
3331	33.30	-0.419	-0.410	-0.367	-0.314	-0.273	-0.258	-0.268	-0.293	-0.316	-0.325
3341	33.40	-0.313	-0.283	-0.244	-0.213	-0.199	-0.207	-0.232	-0.259	-0.269	-0.251
3351	33.50	-0.204	-0.147	-0.107	-0.106	-0.151	-0.220	-0.269	-0.247	-0.120	0.105
3361	33.60	0.378	0.618	0.742	0.698	0.491	0.183	-0.129	-0.350	-0.424	-0.351
3371	33.70	-0.185	-0.006	0.115	0.166	0.098	0.017	-0.045	-0.054	-0.010	0.058
3381	33.80	0.109	0.111	0.056	-0.036	-0.134	-0.205	-0.237	-0.234	-0.218	-0.213
3391	33.90	-0.236	-0.287	-0.352	-0.414	-0.455	-0.471	-0.467	-0.460	-0.467	-0.501
3401	34.00	-0.563	-0.642	-0.715	-0.751	-0.724	-0.620	-0.445	-0.228	-0.011	0.161
3411	34.10	0.254	0.257	0.184	0.070	-0.042	-0.121	-0.152	-0.144	-0.118	-0.099
3421	34.20	-0.102	-0.128	-0.166	-0.203	-0.226	-0.234	-0.233	-0.233	-0.242	-0.260
3431	34.30	-0.285	-0.310	-0.328	-0.340	-0.349	-0.357	-0.369	-0.385	-0.401	-0.417
3441	34.40	-0.431	-0.447	-0.464	-0.483	-0.500	-0.511	-0.512	-0.502	-0.486	-0.468
3451	34.50	-0.452	-0.436	-0.416	-0.381	-0.324	-0.239	-0.130	-0.005	0.126	0.249
3461	34.60	0.351	0.418	0.440	0.407	0.317	0.176	0.007	-0.160	-0.290	-0.355
3471	34.70	-0.341	-0.258	-0.131	0.009	0.133	0.227	0.293	0.347	0.404	0.473
3481	34.80	0.550	0.619	0.660	0.659	0.615	0.539	0.455	0.381	0.333	0.313
3491	34.90	0.311	0.314	0.308	0.285	0.247	0.203	0.162	0.132	0.114	0.105

Table 7-95-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1287 308-GR-1-16 U-D (U-D) ITAJIMA BRIDGE MAX. ACC. = 11.176 (GAL) T= 2.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.096	0.079	0.050	0.010	-0.032	-0.069	-0.094	-0.105	-0.109	-0.117
3511	35.10	-0.139	-0.178	-0.232	-0.288	-0.329	-0.340	-0.312	-0.246	-0.147	-0.026
3521	35.20	0.105	0.238	0.362	0.468	0.543	0.577	0.566	0.516	0.443	0.368
3531	35.30	0.314	0.291	0.296	0.313	0.321	0.307	0.271	0.226	0.192	0.181
3541	35.40	0.192	0.212	0.218	0.196	0.145	0.084	0.040	0.034	0.065	0.112
3551	35.50	0.142	0.127	0.064	-0.016	-0.060	-0.015	0.145	0.404	0.704	0.965
3561	35.60	1.119	1.133	1.026	0.856	0.696	0.601	0.593	0.651	0.732	0.789
3571	35.70	0.797	0.759	0.701	0.655	0.639	0.655	0.685	0.707	0.707	0.687
3581	35.80	0.661	0.647	0.651	0.658	0.639	0.562	0.404	0.167	-0.121	-0.408
3591	35.90	-0.641	-0.779	-0.803	-0.726	-0.579	-0.405	-0.243	-0.115	-0.028	0.028
3601	36.00	0.068	0.107	0.152	0.199	0.235	0.249	0.235	0.200	0.158	0.127
3611	36.10	0.122	0.146	0.187	0.226	0.245	0.234	0.200	0.163	0.147	0.166
3621	36.20	0.216	0.276	0.313	0.301	0.227	0.101	-0.051	-0.204	-0.340	-0.464
3631	36.30	-0.589	-0.731	-0.890	-1.044	-1.156	-1.178	-1.094	-0.912	-0.672	-0.426
3641	36.40	-0.219	-0.067	0.042	0.137	0.240	0.344	0.413	0.393	0.244	-0.036
3651	36.50	-0.394	-0.741	-0.976	-1.035	-0.909	-0.651	-0.350	-0.093	0.064	0.115
3661	36.60	0.094	0.049	0.015	0.003	0.005	0.009	0.020	0.058	0.150	0.299
3671	36.70	0.473	0.603	0.613	0.450	0.124	-0.289	-0.675	-0.926	-0.990	-0.897
3681	36.80	-0.744	-0.669	-0.699	-0.905	-1.201	-1.479	-1.643	-1.650	-1.534	-1.378
3691	36.90	-1.265	-1.238	-1.273	-1.297	-1.231	-1.037	-0.742	-0.431	-0.201	-0.118
3701	37.00	-0.179	-0.316	-0.431	-0.449	-0.347	-0.173	-0.011	0.057	-0.004	-0.169
3711	37.10	-0.370	-0.532	-0.611	-0.613	-0.581	-0.569	-0.607	-0.687	-0.769	-0.811
3721	37.20	-0.792	-0.731	-0.671	-0.659	-0.705	-0.778	-0.813	-0.744	-0.542	-0.231
3731	37.30	0.109	0.382	0.518	0.498	0.369	0.217	0.129	0.151	0.276	0.448
3741	37.40	0.595	0.667	0.657	0.601	0.557	0.575	0.670	0.815	0.953	1.026
3751	37.50	1.001	0.882	0.706	0.522	0.374	0.278	0.221	0.176	0.112	0.018
3761	37.60	-0.099	-0.219	-0.317	-0.381	-0.420	-0.457	-0.518	-0.622	-0.766	-0.924
3771	37.70	-1.056	-1.117	-1.074	-0.914	-0.648	-0.306	0.071	0.439	0.761	1.010
3781	37.80	1.173	1.248	1.246	1.188	1.099	1.009	0.942	0.911	0.917	0.950
3791	37.90	0.991	1.020	1.023	0.998	0.952	0.898	0.851	0.819	0.802	0.794
3801	38.00	0.785	0.768	0.743	0.712	0.682	0.658	0.640	0.627	0.613	0.595
3811	38.10	0.571	0.544	0.519	0.497	0.480	0.466	0.451	0.432	0.410	0.386
3821	38.20	0.363	0.344	0.327	0.313	0.297	0.279	0.258	0.236	0.216	0.198
3831	38.30	0.182	0.168	0.152	0.133	0.114	0.094	0.076	0.061	0.046	0.031
3841	38.40	0.014	-0.004	-0.022	-0.039	-0.055	-0.069	-0.082	-0.098	-0.115	-0.133
3851	38.50	-0.151	-0.166	-0.178	-0.188	-0.201	-0.218	-0.239	-0.262	-0.279	-0.285
3861	38.60	-0.276	-0.253	-0.221	-0.187	-0.160	-0.142	-0.133	-0.127	-0.120	-0.107
3871	38.70	-0.088	-0.067	-0.048	-0.032	-0.022	-0.012	-0.001	0.015	0.036	0.057
3881	38.80	0.075	0.090	0.100	0.110	0.123	0.141	0.164	0.186	0.204	0.217
3891	38.90	0.227	0.237	0.252	0.273	0.298	0.320	0.337	0.348	0.356	0.368
3901	39.00	0.388	0.414	0.440	0.457	0.464	0.467	0.480	0.513	0.564	0.608
3911	39.10	0.599	0.491	0.253	-0.101	-0.507	-0.869	-1.085	-1.096	-0.907	-0.600
3921	39.20	-0.299	-0.133	-0.175	-0.424	-0.799	-1.181	-1.458	-1.573	-1.535	-1.406
3931	39.30	-1.258	-1.133	-1.021	-0.869	-0.617	-0.240	0.224	0.677	1.001	1.100
3941	39.40	0.947	0.597	0.167	-0.212	-0.439	-0.479	-0.365	-0.176	0.002	0.105
3951	39.50	0.113	0.043	-0.066	-0.172	-0.245	-0.272	-0.259	-0.214	-0.168	-0.147
3961	39.60	-0.179	-0.281	-0.443	-0.624	-0.763	-0.793	-0.676	-0.427	-0.117	0.147
3971	39.70	0.260	0.170	-0.100	-0.455	-0.782	-0.909	-0.855	-0.644	-0.392	-0.230
3981	39.80	-0.249	-0.457	-0.779	-1.083	-1.245	-1.194	-0.942	-0.574	-0.209	0.049
3991	39.90	0.149	0.103	-0.027	-0.165	-0.250	-0.259	-0.203	-0.122	-0.051	-0.016

Table 7-95-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1287 308-GR-1-16 U-D (U-D) ITAJIHA BRIDGE MAX. ACC. = 11.176 (GAL) T= 2.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.017	-0.060	-0.063	-0.068	-0.048	-0.009	0.036	0.072	0.090	0.088
4011	40.10	0.073	0.059	0.060	0.085	0.129	0.180	0.216	0.224	0.200	0.161
4021	40.20	0.135	0.150	0.214	0.309	0.393	0.410	0.325	0.135	-0.117	-0.357
4031	40.30	-0.510	-0.527	-0.409	-0.202	0.020	0.196	0.298	0.341	0.366	0.410
4041	40.40	0.477	0.527	0.493	0.318	-0.011	-0.438	-0.853	-1.126	-1.159	-0.931
4051	40.50	-0.502	0.000	0.435	0.697	0.753	0.642	0.454	0.285	0.199	0.210
4061	40.60	0.285	0.374	0.430	0.437	0.407	0.366	0.344	0.353	0.388	0.432
4071	40.70	0.466	0.480	0.474	0.455	0.428	0.394	0.347	0.282	0.199	0.104
4081	40.80	0.010	-0.071	-0.129	-0.159	-0.162	-0.141	-0.097	-0.033	0.046	0.128
4091	40.90	0.199	0.248	0.270	0.272	0.273	0.289	0.333	0.398	0.467	0.518
4101	41.00	0.539	0.537	0.538	0.567	0.633	0.715	0.759	0.700	0.492	0.139
4111	41.10	-0.296	-0.701	-0.958	-0.985	-0.774	-0.401	0.006	0.306	0.406	0.286
4121	41.20	0.009	-0.311	-0.555	-0.646	-0.569	-0.373	-0.142	0.039	0.117	0.083
4131	41.30	-0.031	-0.172	-0.285	-0.329	-0.286	-0.160	0.029	0.248	0.459	0.623
4141	41.40	0.707	0.691	0.580	0.398	0.190	0.003	-0.126	-0.178	-0.161	-0.095
4151	41.50	-0.007	0.086	0.180	0.281	0.394	0.517	0.635	0.722	0.756	0.728
4161	41.60	0.645	0.533	0.424	0.343	0.301	0.291	0.293	0.286	0.257	0.206
4171	41.70	0.144	0.086	0.044	0.024	0.022	0.031	0.045	0.060	0.075	0.091
4181	41.80	0.107	0.121	0.130	0.132	0.128	0.124	0.124	0.131	0.146	0.162
4191	41.90	0.174	0.178	0.174	0.168	0.167	0.178	0.198	0.221	0.233	0.226
4201	42.00	0.194	0.140	0.075	0.011	-0.041	-0.079	-0.105	-0.128	-0.155	-0.191
4211	42.10	-0.233	-0.277	-0.317	-0.350	-0.378	-0.404	-0.436	-0.474	-0.518	-0.562
4221	42.20	-0.599	-0.628	-0.650	-0.674	-0.706	-0.750	-0.804	-0.857	-0.896	-0.904
4231	42.30	-0.882	-0.831	-0.766	-0.700	-0.647	-0.610	-0.587	-0.569	-0.559	-0.525
4241	42.40	-0.494	-0.463	-0.433	-0.404	-0.372	-0.329	-0.271	-0.202	-0.128	-0.060
4251	42.50	-0.004	0.038	0.075	0.118	0.177	0.252	0.331	0.393	0.415	0.379
4261	42.60	0.283	0.141	-0.019	-0.166	-0.274	-0.331	-0.338	-0.308	-0.261	-0.213
4271	42.70	-0.175	-0.151	-0.138	-0.130	-0.124	-0.117	-0.108	-0.099	-0.090	-0.081
4281	42.80	-0.071	-0.061	-0.049	-0.037	-0.025	-0.015	-0.006	0.002	0.009	0.019
4291	42.90	0.030	0.043	0.057	0.069	0.079	0.086	0.093	0.101	0.111	0.125
4301	43.00	0.140	0.154	0.166	0.174	0.179	0.185	0.193	0.207	0.224	0.241
4311	43.10	0.256	0.264	0.266	0.267	0.273	0.286	0.308	0.334	0.355	0.363
4321	43.20	0.354	0.328	0.291	0.251	0.214	0.183	0.156	0.129	0.102	0.075
4331	43.30	0.051	0.033	0.020	0.005	-0.017	-0.052	-0.098	-0.140	-0.163	-0.152
4341	43.40	-0.104	-0.035	0.022	0.031	-0.036	-0.182	-0.383	-0.588	-0.742	-0.800
4351	43.50	-0.746	-0.597	-0.396	-0.197	-0.044	0.046	0.079	0.089	0.110	0.169
4361	43.60	0.274	0.407	0.535	0.622	0.638	0.574	0.438	0.260	0.074	-0.082
4371	43.70	-0.183	-0.219	-0.196	-0.134	-0.058	0.007	0.046	0.058	0.051	0.038
4381	43.80	0.034	0.044	0.066	0.092	0.111	0.120	0.119	0.115	0.117	0.130
4391	43.90	0.151	0.174	0.191	0.198	0.196	0.192	0.193	0.205	0.227	0.252
4401	44.00	0.272	0.283	0.283	0.275	0.262	0.242	0.208	0.152	0.074	-0.021
4411	44.10	-0.113	-0.183	-0.218	-0.220	-0.208	-0.215	-0.267	-0.371	-0.505	-0.622
4421	44.20	-0.669	-0.604	-0.422	-0.158	0.124	0.353	0.474	0.476	0.385	0.255
4431	44.30	0.146	0.098	0.117	0.183	0.256	0.303	0.310	0.283	0.247	0.225
4441	44.40	0.231	0.263	0.305	0.337	0.347	0.336	0.315	0.301	0.304	0.326
4451	44.50	0.359	0.389	0.404	0.399	0.378	0.348	0.316	0.287	0.261	0.236
4461	44.60	0.209	0.180	0.151	0.126	0.107	0.091	0.076	0.058	0.033	0.003
4471	44.70	-0.027	-0.054	-0.075	-0.091	-0.107	-0.126	-0.150	-0.179	-0.209	-0.236
4481	44.80	-0.257	-0.273	-0.289	-0.309	-0.334	-0.365	-0.395	-0.421	-0.440	-0.454
4491	44.90	-0.468	-0.488	-0.518	-0.556	-0.594	-0.621	-0.626	-0.604	-0.558	-0.497

Table 7-95-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1287 308-GR-1-16 U-D (U-D) ITAJIHA BRIDGE MAX. ACC. = 11.176 (GAL) T= 2.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.435	-0.382	-0.346	-0.324	-0.310	-0.293	-0.268	-0.233	-0.193	-0.156
4511	45.10	-0.129	-0.119	-0.124	-0.136	-0.149	-0.154	-0.149	-0.136	-0.120	-0.106
4521	45.20	-0.097	-0.097	-0.099	-0.098	-0.093	-0.083	-0.070	-0.058	-0.050	-0.047
4531	45.30	-0.047	-0.046	-0.042	-0.032	-0.020	-0.008	0.001	0.005	0.005	0.006
4541	45.40	0.009	0.018	0.030	0.043	0.053	0.058	0.059	0.058	0.061	0.068
4551	45.50	0.080	0.095	0.106	0.113	0.113	0.111	0.112	0.119	0.132	0.148
4561	45.60	0.162	0.169	0.168	0.165	0.166	0.170	0.185	0.204	0.219	0.226
4571	45.70	0.223	0.217	0.214	0.223	0.243	0.267	0.283	0.284	0.272	0.257
4581	45.80	0.258	0.284	0.329	0.368	0.361	0.274	0.099	-0.139	-0.380	-0.554
4591	45.90	-0.607	-0.529	-0.363	-0.185	-0.077	-0.084	-0.194	-0.337	-0.417	-0.356
4601	46.00	-0.134	0.200	0.542	0.779	0.837	0.712	0.473	0.226	0.068	0.041
4611	46.10	0.122	0.235	0.298	0.262	0.139	-0.010	-0.108	-0.106	-0.011	0.114
4621	46.20	0.180	0.118	-0.084	-0.372	-0.647	-0.808	-0.800	-0.635	-0.386	-0.153
4631	46.30	-0.017	-0.011	-0.106	-0.238	-0.335	-0.356	-0.301	-0.208	-0.127	-0.093
4641	46.40	-0.112	-0.162	-0.207	-0.218	-0.189	-0.136	-0.086	-0.062	-0.069	-0.095
4651	46.50	-0.119	-0.122	-0.101	-0.064	-0.028	-0.009	-0.010	-0.025	-0.038	-0.038
4661	46.60	-0.021	0.008	0.036	0.052	0.054	0.046	0.039	0.042	0.057	0.081
4671	46.70	0.103	0.118	0.121	0.118	0.116	0.120	0.134	0.154	0.173	0.185
4681	46.80	0.190	0.191	0.191	0.198	0.210	0.227	0.243	0.255	0.260	0.263
4691	46.90	0.266	0.274	0.287	0.302	0.316	0.325	0.331	0.334	0.340	0.350
4701	47.00	0.363	0.378	0.390	0.397	0.399	0.602	0.409	0.424	0.445	0.466
4711	47.10	0.477	0.468	0.434	0.374	0.298	0.216	0.140	0.078	0.034	0.003
4721	47.20	-0.024	-0.055	-0.097	-0.152	-0.216	-0.282	-0.339	-0.379	-0.397	-0.392
4731	47.30	-0.369	-0.335	-0.298	-0.267	-0.247	-0.237	-0.235	-0.236	-0.236	-0.230
4741	47.40	-0.219	-0.204	-0.190	-0.177	-0.169	-0.164	-0.160	-0.155	-0.146	-0.134
4751	47.50	-0.122	-0.110	-0.101	-0.095	-0.090	-0.084	-0.075	-0.064	-0.053	-0.042
4761	47.60	-0.033	-0.027	-0.022	-0.015	-0.006	0.005	0.016	0.026	0.033	0.039
4771	47.70	0.045	0.052	0.063	0.074	0.086	0.094	0.099	0.103	0.108	0.117
4781	47.80	0.130	0.145	0.157	0.163	0.162	0.160	0.163	0.177	0.203	0.232
4791	47.90	0.249	0.235	0.176	0.069	-0.075	-0.233	-0.375	-0.476	-0.520	-0.509
4801	48.00	-0.456	-0.386	-0.321	-0.279	-0.264	-0.271	-0.287	-0.299	-0.297	-0.281
4811	48.10	-0.257	-0.234	-0.221	-0.219	-0.225	-0.231	-0.230	-0.218	-0.197	-0.175
4821	48.20	-0.159	-0.155	-0.161	-0.169	-0.171	-0.160	-0.138	-0.113	-0.095	-0.090
4831	48.30	-0.098	-0.110	-0.115	-0.105	-0.081	-0.051	-0.028	-0.023	-0.034	-0.053
4841	48.40	-0.064	-0.054	-0.025	0.014	0.043	0.048	0.029	-0.001	-0.019	-0.009
4851	48.50	0.031	0.085	0.124	0.127	0.091	0.038	0.005	0.023	0.095	0.191
4861	48.60	0.254	0.227	0.082	-0.161	-0.435	-0.652	-0.739	-0.670	-0.476	-0.232
4871	48.70	-0.019	0.112	0.162	0.175	0.214	0.319	0.481	0.666	0.734	0.683
4881	48.80	0.482	0.181	-0.127	-0.345	-0.413	-0.331	-0.156	0.029	0.148	0.169
4891	48.90	0.107	0.014	-0.053	-0.060	-0.008	0.071	0.136	0.155	0.122	0.053
4901	49.00	-0.022	-0.079	-0.110	-0.123	-0.134	-0.156	-0.191	-0.234	-0.273	-0.302
4911	49.10	-0.325	-0.349	-0.382	-0.421	-0.455	-0.463	-0.425	-0.335	-0.201	-0.045
4921	49.20	0.107	0.229	0.309	0.350	0.361	0.355	0.342	0.328	0.311	0.294
4931	49.30	0.278	0.267	0.264	0.272	0.287	0.304	0.314	0.316	0.310	0.300
4941	49.40	0.294	0.295	0.304	0.316	0.327	0.332	0.330	0.324	0.319	0.319
4951	49.50	0.324	0.334	0.343	0.349	0.350	0.348	0.344	0.343	0.346	0.352
4961	49.60	0.361	0.368	0.372	0.372	0.369	0.367	0.367	0.371	0.379	0.388
4971	49.70	0.396	0.399	0.397	0.391	0.386	0.386	0.394	0.409	0.426	0.439
4981	49.80	0.438	0.416	0.372	0.308	0.231	0.151	0.074	0.008	-0.046	-0.091
4991	49.90	-0.130	-0.170	-0.214	-0.266	-0.326	-0.388	-0.450	-0.505	-0.552	-0.591

Table 7-95-11

TABLE OF CORRECTED ACCELERATION RECORD

NO.11

INDEX NO. 1287 308-GR-1-16 U-D (U-D) ITAJIMA BRIDGE MAX. ACC. = 11.176 (GAL) T= 2.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.627	-0.670	-0.725	-0.794	-0.871	-0.943	-0.994	-1.008	-0.979	-0.911
5011	50.10	-0.818	-0.721	-0.637	-0.576	-0.539	-0.516	-0.495	-0.466	-0.424	-0.372
5021	50.20	-0.317	-0.266	-0.223	-0.187	-0.153	-0.117	-0.076	-0.030	0.016	0.061
5031	50.30	0.104	0.146	0.190	0.235	0.277	0.309	0.324	0.318	0.295	0.264
5041	50.40	0.236	0.220	0.222	0.236	0.255	0.267	0.268	0.257	0.242	0.230
5051	50.50	0.228	0.237	0.251	0.262	0.264	0.256	0.241	0.228	0.225	0.234
5061	50.60	0.249	0.263	0.266	0.256	0.237	0.219	0.215	0.228	0.254	0.279
5071	50.70	0.286	0.259	0.194	0.099	-0.009	-0.109	-0.188	-0.247	-0.295	-0.346
5081	50.80	-0.413	-0.495	-0.583	-0.654	-0.690	-0.680	-0.626	-0.545	-0.461	-0.392
5091	50.90	-0.351	-0.334	-0.331	-0.327	-0.311	-0.281	-0.242	-0.203	-0.171	-0.147
5101	51.00	-0.130	-0.113	-0.091	-0.064	-0.032	-0.000	0.028	0.052	0.074	0.097
5111	51.10	0.122	0.149	0.176	0.202	0.226	0.250	0.278	0.309	0.341	0.368
5121	51.20	0.383	0.380	0.357	0.322	0.282	0.248	0.225	0.216	0.214	0.212
5131	51.30	0.206	0.191	0.171	0.150	0.132	0.119	0.111	0.104	0.094	0.080
5141	51.40	0.063	0.045	0.029	0.016	0.005	-0.005	-0.017	-0.030	-0.046	-0.061
5151	51.50	-0.076	-0.089	-0.102	-0.114	-0.128	-0.141	-0.155	-0.168	-0.182	-0.196
5161	51.60	-0.210	-0.225	-0.240	-0.253	-0.264	-0.276	-0.288	-0.303	-0.320	-0.338
5171	51.70	-0.354	-0.366	-0.374	-0.381	-0.392	-0.410	-0.435	-0.461	-0.479	-0.480
5181	51.80	-0.459	-0.418	-0.364	-0.309	-0.264	-0.234	-0.216	-0.203	-0.185	-0.159
5191	51.90	-0.125	-0.089	-0.057	-0.032	-0.014	0.003	0.025	0.056	0.092	0.128
5201	52.00	0.158	0.180	0.194	0.209	0.231	0.262	0.303	0.344	0.380	0.405
5211	52.10	0.415	0.412	0.398	0.372	0.331	0.276	0.209	0.141	0.088	0.059
5221	52.20	0.058	0.072	0.081	0.059	-0.006	-0.102	-0.198	-0.248	-0.211	-0.071
5231	52.30	0.153	0.412	0.639	0.779	0.801	0.717	0.569	0.413	0.298	0.244
5241	52.40	0.245	0.272	0.292	0.286	0.244	0.185	0.128	0.089	0.071	0.066
5251	52.50	0.059	0.040	0.007	-0.035	-0.075	-0.107	-0.129	-0.146	-0.167	-0.195
5261	52.60	-0.227	-0.253	-0.263	-0.253	-0.224	-0.187	-0.154	-0.136	-0.135	-0.144
5271	52.70	-0.153	-0.155	-0.146	-0.128	-0.109	-0.096	-0.091	-0.093	-0.096	-0.094
5281	52.80	-0.086	-0.072	-0.058	-0.046	-0.041	-0.040	-0.040	-0.037	-0.029	-0.017
5291	52.90	-0.005	0.005	0.011	0.014	0.016	0.021	0.028	0.038	0.049	0.057
5301	53.00	0.064	0.068	0.072	0.078	0.085	0.094	0.103	0.111	0.117	0.123
5311	53.10	0.129	0.135	0.142	0.150	0.158	0.165	0.172	0.179	0.186	0.193
5321	53.20	0.200	0.207	0.213	0.220	0.227	0.235	0.244	0.252	0.259	0.264
5331	53.30	0.268	0.273	0.281	0.291	0.305	0.317	0.324	0.323	0.311	0.289
5341	53.40	0.261	0.233	0.208	0.188	0.174	0.163	0.153	0.141	0.126	0.109
5351	53.50	0.091	0.074	0.058	0.044	0.030	0.017	0.003	-0.012	-0.028	-0.045
5361	53.60	-0.061	-0.077	-0.091	-0.104	-0.118	-0.131	-0.147	-0.164	-0.181	-0.198
5371	53.70	-0.212	-0.225	-0.236	-0.248	-0.263	-0.281	-0.302	-0.323	-0.338	-0.345
5381	53.80	-0.340	-0.325	-0.305	-0.283	-0.265	-0.254	-0.248	-0.246	-0.243	-0.237
5391	53.90	-0.228	-0.217	-0.206	-0.197	-0.190	-0.185	-0.180	-0.173	-0.163	-0.153
5401	54.00	-0.143	-0.135	-0.129	-0.123	-0.118	-0.110	-0.099	-0.088	-0.077	-0.069
5411	54.10	-0.065	-0.063	-0.059	-0.051	-0.036	-0.016	0.003	0.012	-0.001	-0.046
5421	54.20	-0.126	-0.239	-0.373	-0.506	-0.618	-0.686	-0.699	-0.655	-0.565	-0.451
5431	54.30	-0.336	-0.239	-0.173	-0.135	-0.115	-0.097	-0.066	-0.014	0.056	0.133
5441	54.40	0.202	0.247	0.258	0.236	0.185	0.118	0.049	-0.011	-0.057	-0.086
5451	54.50	-0.102	-0.112	-0.124	-0.145	-0.179	-0.223	-0.272	-0.315	-0.342	-0.344
5461	54.60	-0.320	-0.272	-0.212	-0.150	-0.098	-0.060	-0.035	-0.018	-0.000	0.024
5471	54.70	0.055	0.091	0.127	0.158	0.184	0.207	0.232	0.261	0.295	0.330
5481	54.80	0.362	0.389	0.411	0.432	0.459	0.493	0.536	0.578	0.610	0.622
5491	54.90	0.609	0.574	0.524	0.474	0.432	0.404	0.390	0.381	0.373	0.356

Table 7-95-12

TABLE OF CORRECTED ACCELERATION RECORD

NO.12

INDEX NO. 1287 308-GR-1-16 U-D (U-D) ITAJIMA BRIDGE MAX. ACC. = 11.176 (GAL) T= 2.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.336	0.309	0.283	0.260	0.242	0.226	0.211	0.193	0.172	0.149
5511	55.10	0.127	0.106	0.087	0.069	0.051	0.031	0.011	-0.010	-0.031	-0.050
5521	55.20	-0.069	-0.089	-0.110	-0.131	-0.151	-0.170	-0.187	-0.204	-0.224	-0.247
5531	55.30	-0.273	-0.299	-0.319	-0.330	-0.327	-0.311	-0.286	-0.260	-0.238	-0.224
5541	55.40	-0.218	-0.217	-0.216	-0.212	-0.203	-0.190	-0.177	-0.166	-0.159	-0.153
5551	55.50	-0.149	-0.142	-0.134	-0.123	-0.113	-0.103	-0.095	-0.089	-0.082	-0.075
5561	55.60	-0.067	-0.058	-0.048	-0.039	-0.031	-0.024	-0.017	-0.010	-0.001	0.008
5571	55.70	0.017	0.025	0.033	0.040	0.048	0.056	0.064	0.073	0.082	0.089
5581	55.80	0.097	0.104	0.112	0.120	0.129	0.138	0.146	0.153	0.160	0.167
5591	55.90	0.175	0.183	0.193	0.203	0.211	0.218	0.224	0.229	0.235	0.244
5601	56.00	0.256	0.270	0.282	0.289	0.286	0.272	0.246	0.212	0.174	0.138
5611	56.10	0.108	0.087	0.073	0.062	0.050	0.032	0.007	-0.021	-0.049	-0.074
5621	56.20	-0.092	-0.105	-0.117	-0.133	-0.156	-0.184	-0.215	-0.242	-0.261	-0.272
5631	56.30	-0.280	-0.292	-0.313	-0.347	-0.388	-0.425	-0.446	-0.441	-0.406	-0.347
5641	56.40	-0.275	-0.203	-0.142	-0.095	-0.061	-0.031	-0.000	0.035	0.075	0.117
5651	56.50	0.156	0.194	0.232	0.273	0.319	0.366	0.406	0.431	0.433	0.411
5661	56.60	0.373	0.329	0.293	0.272	0.266	0.271	0.276	0.274	0.262	0.242
5671	56.70	0.221	0.205	0.198	0.196	0.195	0.189	0.177	0.159	0.142	0.128
5681	56.80	0.120	0.117	0.114	0.107	0.094	0.077	0.060	0.048	0.042	0.039
5691	56.90	0.034	0.023	0.008	-0.006	-0.012	-0.004	0.020	0.052	0.080	0.096
5701	57.00	0.094	0.080	0.067	0.066	0.087	0.124	0.161	0.178	0.157	0.091
5711	57.10	-0.009	-0.124	-0.232	-0.318	-0.378	-0.425	-0.475	-0.541	-0.626	-0.715
5721	57.20	-0.790	-0.827	-0.818	-0.764	-0.684	-0.600	-0.533	-0.492	-0.477	-0.473
5731	57.30	-0.469	-0.454	-0.426	-0.389	-0.352	-0.321	-0.297	-0.278	-0.260	-0.239
5741	57.40	-0.214	-0.187	-0.158	-0.129	-0.103	-0.077	-0.053	-0.030	-0.008	0.014
5751	57.50	0.037	0.063	0.093	0.126	0.158	0.183	0.198	0.203	0.199	0.195
5761	57.60	0.196	0.203	0.215	0.226	0.231	0.230	0.227	0.230	0.244	0.266
5771	57.70	0.290	0.303	0.300	0.282	0.263	0.261	0.287	0.338	0.393	0.418
5781	57.80	0.379	0.260	0.073	-0.144	-0.339	-0.465	-0.498	-0.445	-0.341	-0.230
5791	57.90	-0.152	-0.123	-0.139	-0.176	-0.206	-0.213	-0.194	-0.161	-0.130	-0.114
5801	58.00	-0.113	-0.122	-0.130	-0.129	-0.118	-0.100	-0.082	-0.069	-0.064	-0.063
5811	58.10	-0.061	-0.057	-0.049	-0.039	-0.028	-0.019	-0.010	-0.002	0.006	0.013
5821	58.20	0.019	0.022	0.026	0.033	0.045	0.060	0.075	0.084	0.086	0.083
5831	58.30	0.081	0.086	0.101	0.124	0.146	0.158	0.156	0.144	0.134	0.136
5841	58.40	0.157	0.191	0.224	0.239	0.227	0.192	0.147	0.112	0.098	0.104
5851	58.50	0.116	0.114	0.089	0.063	-0.005	-0.033	-0.030	-0.001	0.029	0.033
5861	58.60	-0.004	-0.074	-0.147	-0.184	-0.166	-0.102	-0.034	-0.015	-0.077	-0.210
5871	58.70	-0.355	-0.422	-0.337	-0.073	0.320	0.731	1.029	1.112	0.955	0.618
5881	58.80	0.224	-0.094	-0.241	-0.200	-0.026	0.180	0.325	0.359	0.290	0.173
5891	58.90	0.075	0.043	0.081	0.159	0.229	0.253	0.224	0.163	0.107	0.084
5901	59.00	0.105	0.152	0.196	0.214	0.195	0.153	0.112	0.095	0.110	0.146
5911	59.10	0.183	0.198	0.177	0.125	0.058	-0.007	-0.054	-0.082	-0.099	-0.115
5921	59.20	-0.142	-0.181	-0.228	-0.277	-0.318	-0.349	-0.369	-0.379	-0.378	-0.368
5931	59.30	-0.347	-0.320	-0.290	-0.265	-0.249	-0.244	-0.247	-0.251	-0.250	-0.241
5941	59.40	-0.225	-0.206	-0.190	-0.181	-0.178	-0.178	-0.175	-0.167	-0.153	-0.138
5951	59.50	-0.125	-0.116	-0.111	-0.108	-0.103	-0.094	-0.082	-0.069	-0.058	-0.051
5961	59.60	-0.045	-0.040	-0.032	-0.022	-0.011	-0.000	0.008	0.014	0.020	0.028
5971	59.70	0.037	0.049	0.060	0.068	0.074	0.079	0.085	0.094	0.106	0.119
5981	59.80	0.130	0.137	0.140	0.143	0.149	0.159	0.173	0.188	0.199	0.205
5991	59.90	0.206	0.206	0.211	0.222	0.239	0.256	0.268	0.273	0.271	0.269

Table 7−95−13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1287 308-GR-1-16 U-D (U-D) ITAJIMA BRIDGE MAX. ACC. = 11.176 (GAL) T= 2.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.272	0.283	0.301	0.321	0.337	0.344	0.344	0.338	0.331	0.319
6011	60.10	0.299	0.264	0.213	0.152	0.091	0.045	0.022	0.019	0.023	0.015
6021	60.20	-0.017	-0.074	-0.143	-0.200	-0.229	-0.228	-0.210	-0.204	-0.233	-0.303
6031	60.30	-0.396	-0.479	-0.513	-0.479	-0.385	-0.262	-0.153	-0.084	-0.057	-0.045
6041	60.40	-0.007	0.083	0.222	0.369	0.461	0.443	0.292	0.036	-0.255	-0.496
6051	60.50	-0.619	-0.602	-0.474	-0.300	-0.153	-0.082	-0.095	-0.165	-0.241	-0.284
6061	60.60	-0.273	-0.221	-0.157	-0.112	-0.103	-0.125	-0.160	-0.183	-0.181	-0.153
6071	60.70	-0.113	-0.081	-0.068	-0.075	-0.093	-0.107	-0.107	-0.091	-0.065	-0.039
6081	60.80	-0.024	-0.023	-0.030	-0.039	-0.040	-0.031	-0.014	0.005	0.020	0.028
6091	60.90	0.029	0.028	0.032	0.040	0.049	0.048	0.025	-0.028	-0.113	-0.220
6101	61.00	-0.332	-0.431	-0.501	-0.539	-0.548	-0.537	-0.517	-0.489	-0.449	-0.390
6111	61.10	-0.309	-0.214	-0.123	-0.060	-0.039	-0.058	-0.093	-0.108	-0.070	0.030
6121	61.20	0.170	0.304	0.373	0.341	0.208	0.020	-0.150	-0.229	-0.179	-0.010
6131	61.30	0.219	0.426	0.543	0.537	0.431	0.281	0.155	0.101	0.128	0.205
6141	61.40	0.286	0.327	0.314	0.258	0.194	0.155	0.156	0.191	0.235	0.262
6151	61.50	0.257	0.225	0.184	0.156	0.154	0.175	0.203	0.221	0.218	0.195
6161	61.60	0.166	0.146	0.143	0.157	0.176	0.188	0.186	0.169	0.147	0.132
6171	61.70	0.129	0.138	0.152	0.161	0.158	0.145	0.128	0.116	0.113	0.120
6181	61.80	0.130	0.137	0.135	0.123	0.108	0.096	0.093	0.101	0.115	0.127
6191	61.90	0.127	0.103	0.051	-0.032	-0.141	-0.266	-0.390	-0.494	-0.560	-0.577
6201	62.00	-0.543	-0.466	-0.364	-0.258	-0.165	-0.097	-0.055	-0.035	-0.028	-0.026
6211	62.10	-0.024	-0.022	-0.021	-0.022	-0.023	-0.022	-0.015	-0.003	0.013	0.028
6221	62.20	0.039	0.044	0.046	0.049	0.055	0.066	0.081	0.095	0.105	0.110
6231	62.30	0.112	0.115	0.122	0.135	0.153	0.169	0.179	0.178	0.166	0.144
6241	62.40	0.119	0.095	0.075	0.061	0.050	0.041	0.031	0.019	0.005	-0.008
6251	62.50	-0.021	-0.033	-0.045	-0.058	-0.071	-0.084	-0.098	-0.110	-0.120	-0.131
6261	62.60	-0.142	-0.155	-0.171	-0.188	-0.204	-0.216	-0.220	-0.215	-0.201	-0.182
6271	62.70	-0.160	-0.140	-0.126	-0.117	-0.112	-0.109	-0.105	-0.097	-0.086	-0.073
6281	62.80	-0.060	-0.049	-0.042	-0.036	-0.030	-0.023	-0.014	-0.002	0.010	0.021
6291	62.90	0.030	0.036	0.042	0.049	0.058	0.069	0.081	0.092	0.100	0.106
6301	63.00	0.111	0.119	0.132	0.147	0.161	0.163	0.148	0.111	0.055	-0.009
6311	63.10	-0.068	-0.112	-0.135	-0.142	-0.145	-0.159	-0.194	-0.250	-0.316	-0.372
6321	63.20	-0.397	-0.380	-0.318	-0.222	-0.111	-0.002	0.094	0.176	0.247	0.313
6331	63.30	0.377	0.433	0.471	0.481	0.459	0.411	0.352	0.299	0.264	0.253
6341	63.40	0.259	0.271	0.275	0.266	0.244	0.217	0.193	0.179	0.175	0.175
6351	63.50	0.172	0.162	0.144	0.122	0.103	0.090	0.083	0.080	0.074	0.062
6361	63.60	0.044	0.023	0.006	-0.004	-0.005	0.000	0.008	0.012	0.011	0.006
6371	63.70	-0.000	-0.006	-0.009	-0.009	-0.009	-0.010	-0.013	-0.018	-0.023	-0.027
6381	63.80	-0.029	-0.031	-0.032	-0.034	-0.038	-0.042	-0.046	-0.049	-0.052	-0.055
6391	63.90	-0.057	-0.060	-0.064	-0.067	-0.071	-0.074	-0.077	-0.081	-0.084	-0.088
6401	64.00	-0.091	-0.094	-0.097	-0.100	-0.103	-0.108	-0.113	-0.117	-0.120	-0.122
6411	64.10	-0.124	-0.127	-0.131	-0.137	-0.143	-0.148	-0.151	-0.152	-0.153	-0.156
6421	64.20	-0.161	-0.168	-0.175	-0.181	-0.183	-0.183	-0.183	-0.185	-0.191	-0.199
6431	64.30	-0.208	-0.214	-0.216	-0.215	-0.214	-0.215	-0.221	-0.232	-0.243	-0.250
6441	64.40	-0.252	-0.248	-0.244	-0.244	-0.251	-0.265	-0.280	-0.290	-0.290	-0.282
6451	64.50	-0.272	-0.268	-0.276	-0.298	-0.326	-0.346	-0.346	-0.316	-0.257	-0.175
6461	64.60	-0.083	0.007	0.089	0.163	0.232	0.300	0.365	0.420	0.455	0.462
6471	64.70	0.439	0.394	0.339	0.291	0.260	0.250	0.255	0.265	0.269	0.261
6481	64.80	0.242	0.218	0.196	0.183	0.179	0.179	0.177	0.169	0.154	0.135
6491	64.90	0.117	0.105	0.098	0.095	0.091	0.082	0.068	0.051	0.036	0.025

Table 7−95−14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1287 308-GR-1-16 U-D (U-D) ITAJIMA BRIDGE MAX. ACC. = 11.176 (GAL) T= 2.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.018	0.014	0.007	-0.004	-0.020	-0.036	-0.046	-0.045	-0.033	-0.013
6511	65.10	0.009	0.026	0.035	0.035	0.032	0.031	0.035	0.046	0.061	0.074
6521	65.20	0.082	0.084	0.082	0.082	0.087	0.098	0.113	0.127	0.136	0.138
6531	65.30	0.135	0.132	0.134	0.145	0.165	0.188	0.204	0.206	0.189	0.151
6541	65.40	0.097	0.034	-0.031	-0.092	-0.145	-0.191	-0.230	-0.265	-0.297	-0.330
6551	65.50	-0.366	-0.408	-0.457	-0.514	-0.572	-0.624	-0.660	-0.668	-0.642	-0.583
6561	65.60	-0.500	-0.406	-0.318	-0.248	-0.202	-0.175	-0.158	-0.137	-0.102	-0.050
6571	65.70	0.013	0.079	0.135	0.175	0.202	0.222	0.249	0.291	0.352	0.425
6581	65.80	0.497	0.554	0.582	0.575	0.535	0.469	0.387	0.301	0.217	0.140
6591	65.90	0.074	0.019	-0.021	-0.047	-0.058	-0.057	-0.045	-0.027	-0.005	0.020
6601	66.00	0.047	0.075	0.100	0.114	0.114	0.097	0.068	0.035	0.011	0.009
6611	66.10	0.033	0.076	0.125	0.164	0.177	0.159	0.118	0.066	0.022	-0.002
6621	66.20	-0.004	0.011	0.029	0.036	0.026	0.000	-0.031	-0.057	-0.070	-0.068
6631	66.30	-0.058	-0.051	-0.055	-0.073	-0.101	-0.129	-0.146	-0.149	-0.139	-0.127
6641	66.40	-0.124	-0.140	-0.172	-0.212	-0.243	-0.249	-0.219	-0.156	-0.069	0.027
6651	66.50	0.116	0.192	0.255	0.315	0.378	0.448	0.520	0.579	0.611	0.602
6661	66.60	0.554	0.475	0.385	0.305	0.249	0.222	0.214	0.212	0.200	0.171
6671	66.70	0.126	0.075	0.028	-0.006	-0.026	-0.039	-0.054	-0.082	-0.123	-0.171
6681	66.80	-0.218	-0.253	-0.274	-0.284	-0.297	-0.323	-0.368	-0.427	-0.487	-0.525
6691	66.90	-0.526	-0.480	-0.395	-0.287	-0.181	-0.095	-0.036	-0.000	0.028	0.064
6701	67.00	0.118	0.189	0.265	0.328	0.362	0.363	0.333	0.287	0.242	0.211
6711	67.10	0.198	0.202	0.211	0.217	0.214	0.202	0.187	0.173	0.165	0.163
6721	67.20	0.163	0.162	0.156	0.146	0.134	0.124	0.117	0.114	0.112	0.109
6731	67.30	0.102	0.093	0.082	0.073	0.067	0.063	0.060	0.055	0.048	0.039
6741	67.40	0.030	0.021	0.015	0.010	0.006	0.001	-0.006	-0.014	-0.023	-0.031
6751	67.50	-0.038	-0.043	-0.048	-0.053	-0.060	-0.068	-0.076	-0.084	-0.091	-0.097
6761	67.60	-0.102	-0.108	-0.114	-0.121	-0.129	-0.136	-0.143	-0.151	-0.158	-0.165
6771	67.70	-0.171	-0.174	-0.173	-0.165	-0.151	-0.134	-0.115	-0.101	-0.094	-0.093
6781	67.80	-0.096	-0.097	-0.091	-0.076	-0.053	-0.031	-0.022	-0.036	-0.077	-0.143
6791	67.90	-0.223	-0.305	-0.378	-0.438	-0.490	-0.539	-0.587	-0.627	-0.647	-0.625
6801	68.00	-0.552	-0.426	-0.267	-0.105	0.029	0.115	0.149	0.147	0.129	0.110
6811	68.10	0.088	0.048	-0.034	-0.167	-0.338	-0.503	-0.606	-0.597	-0.456	-0.206
6821	68.20	0.089	0.347	0.497	0.507	0.392	0.204	0.016	-0.114	-0.163	-0.142
6831	68.30	-0.091	-0.056	-0.065	-0.120	-0.202	-0.278	-0.325	-0.336	-0.324	-0.314
6841	68.40	-0.328	-0.375	-0.445	-0.516	-0.559	-0.557	-0.504	-0.412	-0.303	-0.200
6851	68.50	-0.119	-0.066	-0.033	-0.007	0.028	0.079	0.149	0.228	0.302	0.354
6861	68.60	0.375	0.360	0.316	0.257	0.196	0.147	0.117	0.102	0.097	0.092
6871	68.70	0.079	0.058	0.031	0.004	-0.019	-0.036	-0.049	-0.061	-0.078	-0.099
6881	68.80	-0.123	-0.146	-0.164	-0.179	-0.191	-0.205	-0.225	-0.250	-0.276	-0.298
6891	68.90	-0.308	-0.301	-0.278	-0.243	-0.207	-0.177	-0.158	-0.150	-0.148	-0.145
6901	69.00	-0.135	-0.117	-0.093	-0.070	-0.052	-0.043	-0.038	-0.033	-0.022	-0.002
6911	69.10	0.023	0.048	0.066	0.076	0.079	0.082	0.093	0.114	0.143	0.172
6921	69.20	0.193	0.201	0.200	0.200	0.210	0.234	0.268	0.303	0.326	0.332
6931	69.30	0.327	0.321	0.328	0.356	0.397	0.439	0.466	0.470	0.457	0.444
6941	69.40	0.448	0.479	0.530	0.582	0.614	0.615	0.592	0.567	0.567	0.603
6951	69.50	0.667	0.733	0.771	0.767	0.730	0.690	0.683	0.725	0.807	0.892
6961	69.60	0.940	0.929	0.807	0.807	0.768	0.840	0.949	1.067	1.132	1.110
6971	69.70	1.015	0.908	0.865	0.931	1.093	1.274	1.378	1.338	1.164	0.952
6981	69.80	0.839	0.928	1.229	1.622	1.898	1.848	1.356	0.471	-0.600	-1.561

Table 7-96-1

TABLE OF CORRECTED ACCELERATION RECORD — NO. 1

INDEX NO. 1288 — 308-GR-1-16 — HB. (HB.) ITAJIMA BRIDGE — MAX. ACC. = 42.832 (GAL) — T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.0	0.609	1.989	3.655	5.077	5.779	5.554	4.576	3.328	2.380
11	0.10	2.128	2.610	3.492	4.243	4.390	3.740	2.461	0.966	-0.311	-1.149
21	0.20	-1.645	-2.142	-3.023	-4.471	-6.331	-8.149	-9.362	-9.556	-8.653	-6.936
31	0.30	-4.910	-3.071	-1.710	-0.833	-0.244	0.283	0.850	1.370	1.641	1.503
41	0.40	0.966	0.245	-0.335	-0.512	-0.236	0.295	0.748	0.847	0.546	0.082
51	0.50	-0.141	0.224	1.254	2.669	3.932	4.484	4.016	2.606	0.683	-1.191
61	0.60	-2.585	-3.374	-3.737	-3.975	-4.268	-4.517	-4.368	-3.428	-1.540	1.024
71	0.70	3.595	5.372	5.792	4.827	3.030	1.295	0.429	0.749	1.914	3.095
81	0.80	3.403	2.377	0.267	-2.040	-3.421	-3.086	-0.998	2.037	4.698	5.734
91	0.90	4.548	1.481	-2.305	-5.322	-6.383	-5.072	-1.863	2.148	5.755	8.128
101	1.00	9.080	8.997	8.517	8.137	7.962	7.704	6.899	5.227	2.737	-0.126
111	1.10	-2.701	-4.404	-4.991	-4.652	-3.924	-3.457	-3.759	-5.020	-7.070	-9.468
121	1.20	-11.653	-13.107	-13.468	-12.588	-10.553	-7.661	-4.369	-1.204	1.366	3.060
131	1.30	3.872	4.062	4.049	4.222	4.766	5.564	6.255	6.394	5.672	4.059
141	1.40	1.826	-0.580	-2.738	-4.407	-5.577	-6.378	-6.918	-7.150	-6.861	-5.796
151	1.50	-3.855	-1.235	1.566	3.920	5.347	5.739	5.432	5.045	5.176	6.090
161	1.60	7.575	9.032	9.780	9.406	7.985	6.042	4.275	3.160	2.672	2.252
171	1.70	1.074	-1.502	-5.554	-10.427	-14.934	-17.806	-18.211	-16.092	-12.177	-7.667
181	1.80	-3.754	-1.186	-0.081	-0.027	-0.391	-0.650	-0.592	-0.296	0.031	0.237
191	1.90	0.299	0.250	0.025	-0.621	-2.025	-4.361	-7.330	-10.027	-11.124	-9.381
201	2.00	-4.294	3.430	11.858	18.379	20.668	17.659	10.104	0.401	-8.263	-13.152
211	2.10	-13.034	-8.605	-2.066	3.941	7.561	8.521	8.139	8.523	11.370	16.947
221	2.20	23.765	29.133	30.355	25.993	16.623	4.687	-6.489	-14.061	-16.815	-15.560
231	2.30	-12.617	-10.662	-11.467	-15.119	-20.042	-23.773	-24.108	-20.081	-12.362	-2.936
241	2.40	5.719	11.572	13.675	12.292	8.553	3.876	-0.535	-3.932	-5.973	-6.513
251	2.50	-5.436	-2.645	1.800	7.498	13.642	19.143	22.914	24.194	22.745	18.857
261	2.60	13.169	6.432	-0.658	-7.490	-13.455	-17.870	-20.007	-19.281	-15.519	-9.177
271	2.70	-1.345	6.494	12.889	16.851	18.089	16.971	14.226	10.573	6.650	2.000
281	2.80	-2.731	-7.510	-11.759	-14.657	-15.470	-13.972	-10.687	-6.803	-3.730	-2.485
291	2.90	-3.202	-5.027	-6.489	-6.214	-3.653	0.529	4.622	6.566	4.883	-0.567
301	3.00	-8.353	-15.899	-20.405	-19.883	-13.895	-3.684	8.301	19.277	27.000	30.321
311	3.10	29.250	24.610	17.528	9.032	-0.085	-9.137	-17.331	-23.668	-27.103	-26.902
321	3.20	-23.049	-16.443	-8.747	-1.906	2.507	3.815	2.427	-0.407	-3.145	-4.581
331	3.30	-4.268	-2.589	-0.478	1.054	1.354	0.344	-1.533	-3.572	-5.119	-5.782
341	3.40	-5.479	-4.366	-2.601	-0.451	1.915	4.277	6.344	7.787	8.349	7.980
351	3.50	6.905	5.581	4.525	4.106	4.381	5.077	5.721	5.869	5.319	4.198
361	3.60	2.907	1.932	1.618	2.027	2.910	3.827	4.326	4.119	3.180	1.740
371	3.70	0.201	-0.997	-1.504	-1.160	-0.054	1.475	2.898	3.624	3.179	1.390
381	3.80	-1.490	-4.800	-7.644	-9.199	-9.037	-7.322	-4.790	-2.470	-1.265	-1.544
391	3.90	-2.960	-4.562	-5.199	-4.030	-0.920	3.466	7.924	11.217	12.601	12.128
401	4.00	10.584	9.092	8.559	9.233	10.580	11.537	11.023	8.478	4.168	-0.891
411	4.10	-5.340	-8.041	-8.529	-7.153	-4.863	-2.748	-1.563	-1.472	-2.099	-2.855
421	4.20	-3.324	-3.529	-3.900	-4.984	-7.059	-9.858	-12.583	-14.229	-14.054	-11.979
431	4.30	-8.678	-5.307	-2.972	-2.198	-2.674	-3.407	-3.243	-1.499	1.611	4.986
441	4.40	7.120	6.846	3.983	-0.432	-4.474	-6.120	-4.136	1.330	8.704	15.586
451	4.50	19.669	19.632	15.596	8.979	1.868	-3.931	-7.339	-8.398	-7.884	-6.742
461	4.60	-5.555	-4.312	-2.595	-0.015	3.344	6.765	9.141	9.494	7.532	-3.911
471	4.70	0.051	-2.465	-2.623	-0.508	2.659	5.017	4.899	1.641	-4.023	-10.162
481	4.80	-14.404	-14.904	-11.145	-4.187	3.713	9.974	12.691	11.336	6.894	1.394
491	4.90	-2.943	-4.590	-3.258	0.090	3.724	5.900	5.562	2.713	-1.664	-6.063

Table 7-96-2

TABLE OF CORRECTED ACCELERATION RECORD — NO. 2

INDEX NO. 1288 — 308-GR-1-16 — HB. (HB.) ITAJIMA BRIDGE — MAX. ACC. = 42.832 (GAL) — T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-9.065	-9.851	-8.429	-5.517	-2.166	0.682	2.532	3.440	3.878	4.445
511	5.10	5.555	7.231	9.083	10.458	10.694	9.379	6.516	2.532	-1.860	-5.886
521	5.20	-8.955	-10.802	-11.494	-11.305	-10.507	-9.196	-7.248	-4.434	-0.661	3.776
531	5.30	8.087	11.118	11.715	9.212	3.818	-3.287	-10.269	-15.146	-16.703	-14.780
541	5.40	-10.444	-5.538	-1.925	-0.719	-1.843	-4.111	-5.805	-5.490	-2.697	1.829
551	5.50	6.440	9.290	9.134	5.849	0.465	-5.280	-9.637	-11.484	-10.620	-7.655
561	5.60	-3.596	0.626	4.451	7.713	10.439	12.609	14.044	14.504	13.918	12.586
571	5.70	11.181	10.506	11.085	12.816	14.881	15.997	14.951	11.166	5.039	-2.106
581	5.80	-8.471	-12.432	-13.127	-10.730	-6.325	-1.462	2.396	4.311	4.042	1.949
591	5.90	-1.272	-4.867	-8.208	-10.868	-12.618	-13.415	-13.422	-13.011	-12.704	-13.005
601	6.00	-14.144	-15.855	-17.320	-17.359	-14.872	-9.343	-1.219	8.057	16.419	21.839
611	6.10	23.040	19.956	13.746	6.361	-0.183	-4.497	-6.223	-5.995	-4.998	-4.358
621	6.20	-4.622	-5.553	-6.306	-5.864	-3.543	0.680	6.122	11.644	16.050	18.473
631	6.30	18.586	16.593	13.049	8.822	3.905	-0.649	-4.694	-7.915	-9.997	-10.679
641	6.40	-9.867	-7.745	-4.805	-1.750	0.714	2.112	2.361	1.784	0.947	0.391
651	6.50	0.385	0.792	1.137	0.856	-0.403	-2.532	-4.929	-6.687	-6.954	-5.313
661	6.60	-2.013	2.073	5.751	7.972	8.259	6.907	4.869	3.347	3.269	4.859
671	6.70	7.511	10.004	11.012	9.667	5.968	0.825	-4.267	-7.809	-8.891	-7.553
681	6.80	-4.764	-2.008	-0.676	-1.481	-4.169	-7.626	-10.361	-11.137	-9.510	-6.039
691	6.90	-2.071	0.819	1.489	-0.260	-3.564	-6.817	-8.307	-6.922	-2.628	3.491
701	7.00	9.637	14.012	15.526	14.220	11.220	8.242	6.843	7.754	10.550	13.817
711	7.10	15.734	14.836	10.624	3.799	-3.989	-10.738	-14.805	-15.428	-12.897	-8.336
721	7.20	-3.241	1.018	3.526	3.907	2.206	-1.310	-6.284	-12.277	-18.685	-24.659
731	7.30	-29.156	-31.154	-29.980	-25.616	-18.823	-11.002	-3.803	1.375	3.814	3.666
741	7.40	1.840	-0.376	-1.781	-1.640	0.033	2.763	5.692	8.037	9.357	9.680
751	7.50	9.440	9.273	9.769	11.264	13.737	16.834	19.974	22.510	23.874	23.683
761	7.60	21.798	18.342	13.687	8.413	3.241	-1.079	-3.922	-4.943	-4.211	-2.231
771	7.70	0.164	2.050	2.716	1.922	-0.015	-2.347	-4.224	-5.094	-4.985	-4.548
781	7.80	-4.785	-6.573	-10.177	-14.995	-19.686	-22.651	-22.703	-19.617	-14.295	-8.461
791	7.90	-3.968	-2.031	-2.726	-4.981	-7.095	-7.531	-5.646	-1.988	1.967	4.535
801	8.00	4.657	2.460	-0.726	-2.924	-2.379	1.650	8.536	16.529	23.486	27.740
811	8.10	28.723	27.070	24.190	21.529	19.886	19.107	18.273	16.274	12.456	7.023
821	8.20	0.993	-4.259	-7.644	-8.856	-8.481	-7.673	-7.551	-8.632	-10.581	-12.406
831	8.30	-13.012	-11.830	-9.214	-6.380	-4.901	-5.983	-9.843	-15.510	-21.137	-24.712
841	8.40	-24.859	-21.379	-15.295	-8.409	-2.567	1.036	2.223	1.709	0.647	0.019
851	8.50	0.207	0.907	1.411	1.068	-0.299	-2.234	-3.809	-4.013	-2.173	1.769
861	8.60	7.251	13.307	18.894	23.175	25.656	26.172	24.788	21.699	17.195	11.676
871	8.70	5.673	-0.182	-5.259	-9.071	-11.384	-12.231	-11.849	-10.552	-8.641	-6.383
881	8.80	-4.066	-2.058	-0.801	-0.697	-1.924	-4.285	-7.188	-9.829	-11.510	-11.956
891	8.90	-11.456	-10.735	-10.579	-11.391	-12.885	-14.123	-13.880	-11.225	-6.029	0.845
901	9.00	7.787	13.023	15.306	14.388	11.084	6.885	3.328	1.389	1.177	2.045
911	9.10	3.020	3.338	2.814	1.895	1.372	1.944	3.828	6.622	9.472	11.459
921	9.20	12.010	11.160	9.531	8.062	7.603	8.540	10.614	12.986	14.525	14.207
931	9.30	11.481	6.478	0.004	-6.691	-12.278	-15.732	-16.619	-15.182	-12.218	-8.772
941	9.40	-5.782	-3.797	-2.869	-2.657	-2.685	-2.629	-2.495	-2.606	-3.408	-5.177
951	9.50	-7.794	-10.681	-12.970	-13.807	-12.690	-9.654	-5.256	-0.345	4.253	7.998
961	9.60	10.727	12.565	13.704	14.209	13.930	12.601	10.043	6.374	2.100	-1.976
971	9.70	-5.003	-6.379	-5.963	-4.118	-1.554	0.941	2.785	3.764	4.042	4.019
981	9.80	4.119	4.604	5.471	6.466	7.177	7.161	6.071	3.746	0.268	-4.012
991	9.90	-8.484	-12.357	-14.793	-15.116	-13.034	-8.802	-3.252	2.363	6.684	8.638

Table 7-96-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1288 308-GR-1-16 HB. (HB.) ITAJIMA BRIDGE MAX. ACC. = 42.832 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	7.773	4.408	-0.461	-5.474	-9.341	-11.236	-11.014	-9.196	-6.721	-4.585
1011	10.10	-3.484	-3.597	-4.552	-5.592	-5.852	-4.665	-1.810	2.382	7.076	11.136
1021	10.20	13.432	13.178	10.210	5.104	-0.919	-6.310	-9.646	-10.085	-7.658	-3.274
1031	10.30	1.582	5.373	7.042	6.368	3.980	1.034	-1.305	-2.352	-2.149	-1.361
1041	10.40	-0.885	-1.361	-2.830	-4.694	-6.004	-5.932	-4.188	-1.183	2.150	4.780
1051	10.50	6.050	5.961	5.137	4.487	4.749	6.127	8.200	10.141	11.121	10.705
1061	10.60	9.033	6.729	4.584	3.184	2.677	2.768	2.943	2.770	2.128	1.239
1071	10.70	0.495	0.194	0.315	0.481	0.122	-1.231	-3.666	-6.771	-9.734	-11.663
1081	10.80	-11.846	-10.235	-7.318	-4.080	-1.669	-0.928	-2.300	-5.508	-9.732	-13.832
1091	10.90	-16.665	-17.390	-15.677	-11.769	-6.407	-0.626	4.513	8.176	9.956	9.940
1101	11.00	8.650	6.869	5.404	4.850	5.442	7.009	9.061	10.962	12.144	12.283
1111	11.10	11.402	9.846	8.167	6.940	6.568	7.154	8.464	10.008	11.196	11.528
1121	11.20	10.739	8.852	6.136	2.978	-0.259	-3.338	-6.176	-8.796	-11.237	-13.486
1131	11.30	-15.450	-16.991	-17.988	-18.395	-18.258	-17.688	-16.826	-15.811	-14.792	-13.952
1141	11.40	-13.509	-13.663	-14.487	-15.799	-17.088	-17.586	-16.481	-13.225	-7.823	-0.944
1151	11.50	6.212	12.277	16.185	17.563	16.863	15.192	13.883	13.998	15.940	19.357
1161	11.60	23.314	26.682	28.543	28.461	26.541	23.290	19.386	15.457	11.958	9.148
1171	11.70	7.124	5.861	5.218	4.938	4.682	4.112	3.024	1.461	-0.266	-1.689
1181	11.80	-2.407	-2.326	-1.795	-1.566	-2.546	-5.451	-10.495	-17.243	-24.702	-31.599
1191	11.90	-36.744	-39.327	-39.066	-36.179	-31.236	-24.993	-18.255	-11.807	-6.366	-2.523
1201	12.00	-0.636	-0.722	-2.398	-4.933	-7.440	-9.133	-9.560	-8.701	-6.880	-4.530
1211	12.10	-1.927	0.981	4.552	9.231	15.251	22.373	29.821	36.446	41.064	42.832
1221	12.20	41.518	37.547	31.836	25.478	19.424	14.269	10.202	7.102	4.709	2.790
1231	12.30	1.225	0.011	-0.791	-1.136	-1.059	-0.701	-0.322	-0.274	-0.960	-2.757
1241	12.40	-5.996	-10.400	-15.893	-21.707	-26.947	-30.730	-32.462	-32.042	-29.929	-26.990
1251	12.50	-24.193	-22.238	-21.285	-20.894	-20.212	-18.349	-14.774	-9.586	-3.521	2.291
1261	12.60	6.734	9.104	9.344	8.018	6.069	4.464	3.882	4.560	6.338	8.838
1271	12.70	11.666	14.553	17.367	20.044	22.493	24.563	26.088	26.981	27.302	27.233
1281	12.80	26.957	26.484	25.541	23.598	20.067	14.598	7.353	-0.903	-8.940	-15.411
1291	12.90	-19.280	-20.145	-18.337	-14.751	-10.507	-6.582	-3.580	-1.704	-0.911	-1.119
1301	13.00	-2.345	-4.689	-8.177	-12.528	-17.308	-21.518	-24.355	-25.273	-24.263	-21.876
1311	13.10	-19.005	-16.523	-14.926	-14.150	-13.617	-12.518	-10.171	-6.323	-1.266	4.275
1321	13.20	9.403	13.346	15.664	16.313	15.567	13.869	11.709	9.549	7.827	6.960
1331	13.30	7.313	9.100	12.250	16.304	20.429	23.576	24.767	23.412	19.530	13.789
1341	13.40	7.327	1.404	-2.972	-5.334	-5.838	-5.135	-4.091	-3.472	-3.721	-4.891
1351	13.50	-6.724	-8.828	-10.841	-12.521	-13.753	-14.484	-14.681	-14.324	-13.466	-12.296
1361	13.60	-11.157	-10.459	-10.519	-11.375	-12.691	-13.803	-13.937	-12.505	-9.364	-4.913
1371	13.70	0.024	4.485	7.716	9.409	9.752	9.270	8.546	7.971	7.627	7.361
1381	13.80	6.978	6.449	6.001	6.046	6.972	8.921	11.655	14.595	17.007	18.251
1391	13.90	17.976	16.186	13.155	9.277	4.925	0.390	-4.078	-8.297	-11.656	-14.074
1401	14.00	-15.212	-15.056	-13.880	-12.175	-10.475	-9.151	-8.283	-7.667	-6.962	-5.891
1411	14.10	-4.404	-2.710	-1.173	-0.132	0.254	0.063	-0.462	-1.058	-1.566	-1.960
1421	14.20	-2.269	-2.447	-2.276	-1.389	0.571	3.743	7.883	12.348	16.268	18.834
1431	14.30	19.583	18.544	16.192	13.215	10.234	7.588	5.288	3.153	1.022	-1.065
1441	14.40	-2.829	-3.881	-3.941	-3.040	-1.579	-0.207	0.426	-0.053	-1.586	-3.711
1451	14.50	-5.763	-7.155	-7.605	-7.211	-6.354	-5.478	-4.869	-4.541	-4.269	-3.758
1461	14.60	-2.839	-1.595	-0.351	0.476	0.590	-0.017	-1.022	-1.888	-2.080	-1.299
1471	14.70	0.388	2.564	4.623	6.002	6.387	5.802	4.570	3.158	1.993	1.318
1481	14.80	1.143	1.276	1.420	1.266	0.570	-0.820	-2.943	-5.712	-8.897	-12.119
1491	14.90	-14.892	-16.721	-17.246	-16.376	-14.357	-11.721	-9.112	-7.066	-5.805	-5.174

Table 7-96-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1288 308-GR-1-16 HB. (HB.) ITAJIMA BRIDGE MAX. ACC. = 42.832 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-4.719	-3.908	-2.382	-0.124	2.519	4.984	6.741	7.513	7.387	6.757
1511	15.10	6.138	5.936	6.289	7.044	7.860	8.396	8.469	8.126	7.599	7.170
1521	15.20	7.033	7.205	7.533	7.766	7.671	7.118	6.119	4.807	3.377	2.033
1531	15.30	0.947	0.236	-0.047	0.084	0.540	1.164	1.761	2.142	2.176	1.823
1541	15.40	1.126	0.182	-0.907	-2.067	-3.243	-4.363	-5.295	-5.846	-5.818	-5.106
1551	15.50	-3.203	-2.237	-0.902	-0.299	-0.727	-2.127	-4.064	-5.859	-6.848	-6.647
1561	15.60	-5.325	-3.392	-1.607	-0.682	-1.006	-2.493	-4.627	-6.667	-7.919	-7.975
1571	15.70	-6.815	-4.761	-2.304	0.083	2.098	3.647	4.798	5.676	6.372	6.891
1581	15.80	7.175	7.159	6.825	6.238	5.524	4.832	4.281	3.929	3.768	3.750
1591	15.90	3.824	3.956	4.136	4.361	4.608	4.800	4.805	4.444	3.539	1.973
1601	16.00	-0.253	-2.976	-5.873	-8.518	-10.479	-11.443	-11.315	-10.259	-8.661	-7.008
1611	16.10	-5.725	-5.038	-4.909	-5.072	-5.172	-4.929	-4.276	-3.393	-2.632	-2.342
1621	16.20	-2.689	-3.540	-4.467	-4.885	-4.261	-2.323	0.820	4.695	8.602	11.816
1631	16.30	13.785	14.249	13.256	11.096	8.165	4.956	1.792	-1.012	-3.248	-4.796
1641	16.40	-5.620	-5.762	-5.328	-4.449	-3.243	-1.793	-0.162	1.555	3.171	4.379
1651	16.50	4.790	4.064	2.072	-0.966	-4.463	-7.584	-9.502	-9.682	-8.098	-5.252
1661	16.60	-2.004	0.750	2.413	2.897	2.613	2.258	2.487	3.614	5.478	7.527
1671	16.70	9.059	9.530	8.765	7.011	4.802	2.735	1.243	0.489	0.394	0.712
1681	16.80	1.276	1.974	2.792	3.715	4.637	5.329	5.494	4.890	3.450	1.343
1691	16.90	-1.079	-3.405	-5.319	-6.704	-7.643	-8.328	-8.925	-9.468	-9.835	-9.830
1701	17.00	-9.299	-8.252	-6.891	-5.542	-4.516	-3.964	-3.798	-3.729	-3.402	-2.564
1711	17.10	-1.197	0.654	1.986	3.013	3.352	3.123	2.722	2.670	3.396	5.055
1721	17.20	7.448	10.081	12.339	13.705	13.928	13.077	11.479	9.560	7.683	6.033
1731	17.30	4.614	3.320	2.045	0.768	-0.439	-1.465	-2.252	-2.850	-3.418	-4.141
1741	17.40	-5.131	-6.340	-7.572	-8.565	-9.129	-9.259	-9.160	-9.169	-9.593	-10.549
1751	17.50	-11.880	-13.189	-13.982	-13.860	-12.667	-10.534	-7.814	-4.939	-2.278	-0.059
1761	17.60	1.634	2.795	3.440	3.526	3.292	2.715	2.138	1.922	2.380	3.634
1771	17.70	5.521	7.622	9.411	10.472	10.684	10.279	9.743	9.586	10.098	11.199
1781	17.80	12.464	13.311	13.274	12.220	10.422	8.441	6.873	6.087	6.060	6.395
1791	17.90	6.497	5.834	4.157	1.585	-1.470	-4.498	-7.095	-9.104	-10.613	-11.844
1801	18.00	-12.984	-14.057	-14.890	-15.202	-14.751	-13.490	-11.628	-9.590	-7.872	-6.851
1811	18.10	-6.646	-7.069	-7.702	-8.055	-7.753	-6.665	-4.935	-2.903	-0.958	0.619
1821	18.20	1.749	2.564	3.318	4.258	5.513	7.036	8.639	10.082	11.177	11.856
1831	18.30	12.181	12.277	12.254	12.132	11.830	11.205	10.136	8.606	6.733	4.755
1841	18.40	2.951	1.552	0.671	0.271	0.194	0.222	0.151	-0.157	-0.743	-1.566
1851	18.50	-2.529	-3.538	-4.531	-5.505	-6.521	-7.668	-9.013	-10.544	-12.127	-13.512
1861	18.60	-14.387	-14.485	-13.692	-12.122	-10.112	-8.122	-6.574	-5.691	-5.407	-5.390
1871	18.70	-5.178	-4.386	-2.869	-0.800	1.404	3.256	4.408	4.804	4.695	4.530
1881	18.80	4.759	5.655	7.210	9.168	11.147	12.801	13.934	14.517	14.633	14.361
1891	18.90	13.699	12.555	10.817	8.460	5.635	2.679	0.037	-1.879	-2.836	-2.866
1901	19.00	-2.255	-1.439	-0.854	-0.800	-1.363	-2.428	-3.756	-5.092	-6.258	-7.194
1911	19.10	-7.937	-8.573	-9.164	-9.716	-10.173	-10.446	-10.459	-10.180	-9.629	-8.853
1921	19.20	-7.888	-6.736	-5.364	-3.736	-1.865	0.141	2.081	3.696	4.759	5.165
1931	19.30	4.990	4.681	3.983	3.813	4.149	4.965	6.056	7.140	7.986	8.512
1941	19.40	8.809	9.076	9.488	10.081	10.688	10.987	10.622	9.366	7.230	4.488
1951	19.50	1.591	-0.996	-2.947	-4.169	-4.802	-5.116	-5.382	-5.761	-6.267	-6.807
1961	19.60	-7.273	-7.629	-7.945	-8.370	-9.053	-10.054	-11.304	-12.614	-13.739	-14.464
1971	19.70	-14.657	-14.285	-13.376	-11.971	-10.084	-7.713	-4.881	-1.695	1.622	4.745
1981	19.80	7.321	9.073	9.888	9.858	9.255	8.440	7.757	7.444	7.599	8.190
1991	19.90	9.114	10.249	11.487	12.728	13.857	14.716	15.114	14.860	13.826	12.008

Table 7-96-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1288 308-GR-1-16 HB. (HB.) ITAJIMA BRIDGE MAX. ACC. = 42.832 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	9.547	6.699	3.772	1.035	-1.346	-3.330	-4.971	-6.356	-7.539	-8.499
2011	20.10	-9.155	-9.410	-9.218	-8.634	-7.822	-7.022	-6.470	-6.324	-6.601	-7.169
2021	20.20	-7.781	-8.153	-8.047	-7.346	-6.084	-4.434	-2.650	-0.991	0.358	1.337
2031	20.30	2.024	2.600	3.284	4.250	5.561	7.133	8.743	10.091	10.869	10.857
2041	20.40	9.983	8.353	6.231	3.981	1.985	0.549	-0.168	-0.189	0.290	0.956
2051	20.50	1.467	1.548	1.072	0.081	-1.227	-2.580	-3.724	-4.505	-4.914	-5.069
2061	20.60	-5.155	-5.338	-5.702	-6.217	-6.765	-7.191	-7.365	-7.219	-6.756	-6.025
2071	20.70	-5.093	-4.024	-2.889	-1.776	-0.804	-0.105	0.209	0.105	-0.332	-0.904
2081	20.80	-1.345	-1.406	-0.938	0.056	1.430	2.953	4.394	5.591	6.480	7.079
2091	20.90	7.435	7.582	7.516	7.208	6.648	5.869	4.959	4.035	3.197	2.496
2101	21.00	1.920	1.427	0.984	0.606	0.356	0.314	0.518	0.914	1.349	1.607
2111	21.10	1.491	0.894	-0.152	-1.483	-2.869	-4.087	-4.995	-5.552	-5.805	-5.832
2121	21.20	-5.693	-5.406	-4.954	-4.317	-3.510	-2.597	-1.686	-0.889	-0.295	0.057
2131	21.30	0.177	0.103	-0.118	-0.441	-0.820	-1.194	-1.485	-1.605	-1.480	-1.083
2141	21.40	-0.447	0.340	1.167	1.944	2.625	3.220	3.757	4.247	4.651	4.875
2151	21.50	4.815	4.406	3.674	2.741	1.794	1.006	0.473	0.176	0.005	-0.172
2161	21.60	-0.428	-0.729	-0.944	-0.919	-0.570	0.046	0.726	1.193	1.214	0.709
2171	21.70	-0.209	-1.281	-2.215	-2.818	-3.072	-3.122	-3.183	-3.410	-3.804	-4.206
2181	21.80	-4.376	-4.128	-3.430	-2.436	-1.409	-0.593	-0.092	0.166	0.369	0.685
2191	21.90	1.132	1.535	1.605	1.097	-0.009	-1.432	-2.656	-3.129	-2.508	-0.835
2201	22.00	1.449	3.670	5.190	5.667	5.171	4.126	3.093	2.502	2.476	2.807
2211	22.10	3.096	2.983	2.332	1.295	0.226	-0.511	-0.725	-0.487	-0.080	0.161
2221	22.20	0.029	-0.449	-1.032	-1.396	-1.313	-0.784	-0.059	0.471	0.441	-0.316
2231	22.30	-1.686	-3.310	-4.715	-5.486	-5.412	-4.550	-3.190	-1.748	-0.621	-0.066
2241	22.40	-0.125	-0.625	-1.249	-1.648	-1.568	-0.950	0.035	1.036	1.641	1.531
2251	22.50	0.622	-0.885	-2.546	-3.826	-4.288	-3.748	-2.340	-0.459	1.393	2.792
2261	22.60	3.527	3.634	3.336	2.914	2.579	2.409	2.358	2.322	2.218	2.027
2271	22.70	1.787	1.550	1.339	1.133	0.901	0.649	0.451	0.435	0.717	1.324
2281	22.80	2.135	2.898	3.312	3.150	2.358	1.093	-0.340	-1.604	-2.462	-2.851
2291	22.90	-2.876	-2.725	-2.567	-2.469	-2.391	-2.237	-1.939	-1.518	-1.077	-0.744
2301	23.00	-0.588	-0.567	-0.545	-0.366	0.034	0.567	0.994	1.033	0.502	-0.562
2311	23.10	-1.867	-2.955	-3.374	-2.865	-1.478	0.427	2.318	3.688	4.241	3.986
2321	23.20	3.194	2.267	1.558	1.238	1.261	1.427	1.511	1.377	1.047	0.672
2331	23.30	0.448	0.511	0.873	1.422	1.976	2.373	2.530	2.465	2.259	2.000
2341	23.40	1.729	1.419	1.004	0.418	-0.353	-1.261	-2.206	-3.083	-3.814	-4.367
2351	23.50	-4.750	-4.985	-5.088	-5.059	-4.902	-4.635	-4.304	-3.970	-3.676	-3.422
2361	23.60	-3.154	-2.793	-2.279	-1.622	-0.918	-0.319	0.027	0.056	-0.169	-0.461
2371	23.70	-0.584	-0.335	0.369	1.464	2.775	4.087	5.225	6.101	6.706	7.061
2381	23.80	7.168	6.994	6.490	5.655	4.586	3.485	2.604	2.142	2.156	2.508
2391	23.90	2.915	3.061	2.735	1.929	0.844	-0.201	-0.915	-1.176	-1.087	-0.928
2401	24.00	-1.027	-1.600	-2.649	-3.949	-5.148	-5.917	-6.085	-5.704	-5.014	-4.328
2411	24.10	-3.892	-3.791	-3.931	-4.099	-4.072	-3.716	-3.035	-2.155	-1.256	-0.495
2421	24.20	0.054	0.406	0.632	0.816	1.008	1.221	1.468	1.694	1.997	2.422
2431	24.30	3.030	3.831	4.753	5.642	6.301	6.552	6.303	5.583	4.544	3.409
2441	24.40	2.405	1.686	1.292	1.141	1.071	0.904	0.516	-0.121	-0.923	-1.730
2451	24.50	-2.359	-2.677	-2.650	-2.361	-1.992	-1.761	-1.858	-2.369	-3.252	-4.338
2461	24.60	-5.385	-6.159	-6.508	-6.409	-5.969	-5.373	-4.810	-4.397	-4.136	-3.927
2471	24.70	-3.622	-3.103	-2.347	-1.445	-0.563	0.123	0.513	0.627	0.594	0.593
2481	24.80	0.770	1.167	1.706	2.225	2.558	2.613	2.417	2.099	1.823	1.711
2491	24.90	1.784	1.958	2.104	2.118	1.995	1.837	1.813	2.068	2.645	3.448

Table 7-96-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1288 308-GR-1-16 HB. (HB.) ITAJIMA BRIDGE MAX. ACC. = 42.832 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	4.262	4.866	5.026	4.766	4.179	3.464	2.813	2.326	1.971	1.620
2511	25.10	1.127	0.417	-0.460	-1.341	-2.016	-2.331	-2.261	-1.932	-1.578	-1.441
2521	25.20	-1.676	-2.288	-3.130	-3.967	-4.568	-4.794	-4.630	-4.179	-3.598	-3.028
2531	25.30	-2.544	-2.142	-1.766	-1.353	-0.879	-0.368	0.120	0.525	0.817	1.016
2541	25.40	1.175	1.350	1.573	1.835	2.095	2.309	2.459	2.569	2.696	2.899
2551	25.50	3.210	3.607	4.017	4.337	4.475	4.378	4.048	3.533	2.907	2.245
2561	25.60	1.607	1.031	0.543	0.154	-0.140	-0.364	-0.576	-0.852	-1.266	-1.860
2571	25.70	-2.615	-3.451	-4.243	-4.875	-5.280	-5.472	-5.529	-5.557	-5.628	-5.741
2581	25.80	-5.817	-5.733	-5.391	-4.765	-3.926	-3.018	-2.189	-1.530	-1.031	-0.595
2591	25.90	-0.089	0.581	1.414	2.308	3.102	3.653	3.905	3.918	3.847	3.866
2601	26.00	4.092	4.531	5.072	5.546	5.796	5.750	5.447	5.010	4.583	4.255
2611	26.10	4.017	3.771	3.375	2.722	1.794	0.690	-0.413	-1.324	-1.914	-2.167
2621	26.20	-2.179	-2.111	-2.118	-2.281	-2.578	-2.899	-3.111	-3.126	-2.955	-2.713
2631	26.30	-2.571	-2.683	-3.104	-3.760	-4.457	-4.956	-5.062	-4.699	-3.940	-2.973
2641	26.40	-2.023	-1.265	-0.763	-0.465	-0.244	0.027	0.408	0.868	1.308	1.612
2651	26.50	1.718	1.647	1.497	1.396	1.442	1.653	1.970	2.282	2.492	2.560
2661	26.60	2.522	2.477	2.531	2.749	3.121	3.566	3.965	4.201	4.204	3.963
2671	26.70	3.515	2.926	2.259	1.564	0.880	0.233	-0.349	-0.838	-1.218	-1.490
2681	26.80	-1.678	-1.822	-1.959	-2.111	-2.274	-2.417	-2.497	-2.478	-2.340	-2.094
2691	26.90	-1.771	-1.424	-1.111	-0.889	-0.801	-0.865	-1.067	-1.347	-1.610	-1.741
2701	27.00	-1.638	-1.251	-0.603	0.203	1.009	1.669	2.001	2.019	1.742	1.270
2711	27.10	0.719	0.183	-0.293	-0.706	-1.074	-1.401	-1.660	-1.799	-1.763	-1.528
2721	27.20	-1.120	-0.617	-0.124	0.263	0.486	0.539	0.457	0.290	0.078	-0.163
2731	27.30	-0.432	-0.723	-1.002	-1.208	-1.263	-1.107	-0.733	-0.202	0.375	0.871
2741	27.40	1.197	1.332	1.332	1.299	1.328	1.456	1.641	1.777	1.743	1.466
2751	27.50	0.964	0.351	-0.204	-0.543	-0.583	-0.348	0.047	0.449	0.739	0.879
2761	27.60	0.916	0.947	1.049	1.233	1.419	1.479	1.302	0.867	0.272	-0.287
2771	27.70	-0.598	-0.523	-0.074	0.584	1.189	1.489	1.348	0.799	0.033	-0.688
2781	27.80	-1.143	-1.242	-1.055	-0.768	-0.594	-0.672	-1.012	-1.497	-1.947	-2.205
2791	27.90	-2.207	-1.999	-1.706	-1.462	-1.351	-1.369	-1.450	-1.504	-1.479	-1.384
2801	28.00	-1.281	-1.240	-1.289	-1.387	-1.432	-1.309	-0.950	-0.377	0.297	0.912
2811	28.10	1.326	1.477	1.413	1.265	1.187	1.286	1.569	1.946	2.276	2.432
2821	28.20	2.371	2.162	1.948	1.883	2.050	2.409	2.803	3.014	2.858	2.265
2831	28.30	1.319	0.231	-0.745	-1.409	-1.693	-1.679	-1.546	-1.484	-1.597	-1.866
2841	28.40	-2.356	-2.296	-2.168	-1.774	-1.240	-0.761	-0.511	-0.564	-0.861	-1.254
2851	28.50	-1.579	-1.749	-1.790	-1.817	-1.959	-2.262	-2.637	-2.877	-2.741	-2.079
2861	28.60	-0.914	0.528	1.900	2.856	3.193	2.923	2.258	1.516	0.983	0.804
2871	28.70	0.941	1.223	1.443	1.465	1.278	0.989	0.745	0.652	0.716	0.843
2881	28.80	0.891	0.753	0.418	-0.019	-0.399	-0.570	-0.469	-0.149	0.235	0.485
2891	28.90	0.441	0.040	-0.664	-1.518	-2.325	-2.907	-3.156	-3.058	-2.689	-2.184
2901	29.00	-1.697	-1.350	-1.204	-1.239	-1.362	-1.448	-1.383	-1.112	-0.671	-0.171
2911	29.10	0.235	0.420	0.336	0.040	-0.323	-0.578	-0.590	-0.318	0.169	0.728
2921	29.20	1.203	1.494	1.593	1.577	1.562	1.640	1.838	2.106	2.347	2.466
2931	29.30	2.417	2.223	1.953	1.691	1.486	1.338	1.204	1.036	0.814	0.570
2941	29.40	0.376	0.305	0.392	0.607	0.855	1.015	0.988	0.748	0.347	-0.100
2951	29.50	-0.466	-0.667	-0.692	-0.603	-0.505	-0.492	-0.605	-0.817	-1.050	-1.213
2961	29.60	-1.244	-1.143	-0.963	-0.785	-0.681	-0.679	-0.759	-0.863	-0.931	-0.926
2971	29.70	-0.848	-0.726	-0.590	-0.453	-0.300	-0.098	0.177	0.520	0.887	1.215
2981	29.80	1.448	1.571	1.621	1.672	1.804	2.061	2.434	2.868	3.295	3.674
2991	29.90	4.007	4.334	4.686	5.041	5.300	5.305	4.901	4.016	2.719	1.223

Table 7-96-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1288 308-GR-1-16 HB. (HB.) ITAJIMA BRIDGE MAX. ACC. = 42.832 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.173	-1.189	-1.672	-1.652	-1.321	-0.956	-0.794	-0.943	-1.355	-1.864
3011	30.10	-2.289	-2.524	-2.587	-2.602	-2.722	-3.041	-3.539	-4.088	-4.519	-4.706
3021	30.20	-4.633	-4.398	-4.155	-4.028	-4.041	-4.097	-4.026	-3.678	-3.004	-2.098
3031	30.30	-1.163	-0.424	-0.028	0.021	-0.145	-0.323	-0.333	-0.105	0.306	0.760
3041	30.40	1.111	1.290	1.334	1.363	1.503	1.812	2.238	2.636	2.838	2.739
3051	30.50	2.350	1.800	1.274	0.928	0.817	0.871	0.942	0.880	0.620	0.213
3061	30.60	-0.192	-0.430	-0.407	-0.155	0.170	0.355	0.229	-0.259	-1.006	-1.801
3071	30.70	-2.407	-2.664	-2.549	-2.173	-1.732	-1.410	-1.308	-1.412	-1.611	-1.761
3081	30.80	-1.752	-1.548	-1.196	-0.792	-0.432	-0.172	-0.023	0.044	0.065	0.058
3091	30.90	0.023	-0.049	-0.156	-0.267	-0.325	-0.267	-0.047	0.340	0.854	1.419
3101	31.00	1.948	2.363	2.614	2.679	2.565	2.300	1.929	1.511	1.118	0.815
3111	31.10	0.651	0.639	0.749	0.921	1.085	1.189	1.218	1.194	1.162	1.158
3121	31.20	1.189	1.225	1.214	1.111	0.904	0.623	0.325	0.068	-0.124	-0.271
3131	31.30	-0.428	-0.651	-0.961	-1.328	-1.671	-1.900	-1.955	-1.843	-1.639	-1.460
3141	31.40	-1.414	-1.553	-1.847	-2.199	-2.484	-2.603	-2.522	-2.276	-1.952	-1.641
3151	31.50	-1.393	-1.199	-1.001	-0.719	-0.299	0.259	0.897	1.519	2.030	2.369
3161	31.60	2.525	2.538	2.463	2.349	2.215	2.054	1.848	1.602	1.360	1.202
3171	31.70	1.223	1.491	2.012	2.713	3.452	4.062	4.400	4.389	4.036	3.420
3181	31.80	2.652	1.832	1.023	0.242	-0.524	-1.284	-2.024	-2.704	-3.267	-3.666
3191	31.90	-3.886	-3.943	-3.876	-3.725	-3.514	-3.253	-2.954	-2.652	-2.423	-2.372
3201	32.00	-2.590	-3.115	-3.885	-4.737	-5.441	-5.767	-5.559	-4.790	-3.567	-2.092
3211	32.10	-0.597	0.732	1.798	2.595	3.180	3.624	3.974	4.236	4.381	4.394
3221	32.20	4.277	4.075	3.859	3.698	3.632	3.658	3.738	3.814	3.839	3.792
3231	32.30	3.680	3.523	3.341	3.132	2.875	2.533	2.073	1.479	0.760	-0.046
3241	32.40	-0.885	-1.698	-2.427	-3.026	-3.464	-3.723	-3.807	-3.734	-3.539	-3.265
3251	32.50	-2.958	-2.653	-2.375	-2.132	-1.923	-1.741	-1.585	-1.457	-1.360	-1.297
3261	32.60	-1.265	-1.255	-1.255	-1.254	-1.245	-1.222	-1.178	-1.100	-0.971	-0.775
3271	32.70	-0.510	-0.192	0.133	0.410	0.584	0.629	0.558	0.425	0.301	0.253
3281	32.80	0.311	0.463	0.658	0.838	0.969	1.058	1.153	1.322	1.609	2.013
3291	32.90	2.475	2.898	3.182	3.264	3.141	2.859	2.494	2.108	1.727	1.344
3301	33.00	0.933	0.490	0.045	-0.339	-0.595	-0.692	-0.664	-0.608	-0.646	-0.871
3311	33.10	-1.302	-1.866	-2.427	-2.845	-3.036	-3.010	-2.864	-2.726	-2.694	-2.780
3321	33.20	-2.906	-2.947	-2.780	-2.363	-1.749	-1.066	-0.455	-0.010	0.268	0.454
3331	33.30	0.659	0.962	1.368	1.806	2.170	2.378	2.422	2.378	2.372	2.520
3341	33.40	2.865	3.357	3.875	4.281	4.484	4.477	4.331	4.140	3.967	3.795
3351	33.50	3.532	3.062	2.312	1.313	0.214	-0.760	-1.395	-1.575	-1.335	-0.858
3361	33.60	-0.403	-0.211	-0.415	-0.998	-1.813	-2.660	-3.368	-3.868	-4.205	-4.498
3371	33.70	-4.864	-5.351	-5.893	-6.333	-6.476	-6.176	-5.398	-4.238	-2.898	-1.623
3381	33.80	-0.624	-0.024	0.161	0.012	-0.338	-0.742	-1.071	-1.228	-1.150	-0.804
3391	33.90	-0.194	0.636	1.596	2.560	3.393	3.988	4.295	4.340	4.205	3.991
3401	34.00	3.767	3.542	3.261	2.845	2.238	1.461	0.618	-0.130	-0.629	-0.801
3411	34.10	-0.682	-0.416	-0.194	-0.174	-0.415	-0.853	-1.337	-1.702	-1.852	-1.807
3421	34.20	-1.685	-1.661	-1.847	-2.260	-2.788	-3.240	-3.428	-3.249	-2.731	-2.011
3431	34.30	-1.279	-0.693	-0.322	-0.135	-0.039	0.055	0.185	0.320	0.393	0.351
3441	34.40	0.205	0.037	-0.027	0.115	0.486	1.009	1.538	1.915	2.049	1.956
3451	34.50	1.748	1.584	1.590	1.809	2.181	2.578	2.866	2.961	2.862	2.637
3461	34.60	2.387	2.193	2.093	2.076	2.108	2.155	2.200	2.236	2.245	2.187
3471	34.70	2.004	1.638	1.073	0.356	-0.408	-1.081	-1.545	-1.748	-1.723	-1.569
3481	34.80	-1.411	-1.350	-1.432	-1.638	-1.908	-2.172	-2.380	-2.511	-2.561	-2.534
3491	34.90	-2.430	-2.247	-1.994	-1.696	-1.398	-1.147	-0.973	-0.872	-0.807	-0.728

Table 7-96-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1288 308-GR-1-16 HB. (HB.) ITAJIMA BRIDGE MAX. ACC. = 42.832 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.594	-0.401	-0.176	0.034	0.194	0.299	0.381	0.487	0.649	0.866
3511	35.10	1.098	1.292	1.413	1.470	1.520	1.634	1.857	2.173	2.495	2.696
3521	35.20	2.657	2.327	1.745	1.036	0.358	-0.153	-0.434	-0.507	-0.462	-0.409
3531	35.30	-0.430	-0.558	-0.775	-1.033	-1.283	-1.498	-1.674	-1.818	-1.934	-2.016
3541	35.40	-2.069	-2.025	-1.951	-1.853	-1.768	-1.722	-1.717	-1.725	-1.700	-1.592
3551	35.50	-1.375	-1.058	-0.684	-0.313	-0.002	0.221	0.362	0.460	0.570	0.739
3561	35.60	0.990	1.309	1.651	1.949	2.141	2.189	2.090	1.878	1.610	1.350
3571	35.70	1.142	1.004	0.923	0.866	0.800	0.704	0.581	0.449	0.333	0.252
3581	35.80	0.209	0.196	0.199	0.202	0.195	0.170	0.112	-0.000	-0.189	-0.465
3591	35.90	-0.815	-1.189	-1.512	-1.700	-1.696	-1.489	-1.124	-0.691	-0.297	-0.027
3601	36.00	0.077	0.028	-0.119	-0.294	-0.433	-0.495	-0.472	-0.375	-0.233	-0.073
3611	36.10	0.078	0.203	0.296	0.360	0.413	0.476	0.568	0.696	0.843	0.979
3621	36.20	1.071	1.107	1.107	1.119	1.200	1.380	1.635	1.880	1.994	1.870
3631	36.30	1.468	0.848	0.162	-0.393	-0.653	-0.549	-0.138	0.420	0.922	1.207
3641	36.40	1.209	0.974	0.628	0.309	0.102	0.009	-0.045	-0.164	-0.421	-0.819
3651	36.50	-1.282	-1.694	-1.942	-1.973	-1.813	-1.551	-1.301	-1.154	-1.144	-1.242
3661	36.60	-1.375	-1.463	-1.454	-1.339	-1.152	-0.949	-0.780	-0.673	-0.622	-0.600
3671	36.70	-0.568	-0.496	-0.373	-0.212	-0.037	0.128	0.268	0.387	0.507	0.653
3681	36.80	0.842	1.066	1.288	1.446	1.477	1.334	1.014	0.563	0.067	-0.372
3691	36.90	-0.673	-0.801	-0.776	-0.665	-0.548	-0.488	-0.508	-0.586	-0.679	-0.742
3701	37.00	-0.759	-0.751	-0.756	-0.808	-0.914	-1.038	-1.119	-1.101	-0.956	-0.705
3711	37.10	-0.410	-0.139	0.066	0.215	0.368	0.599	0.956	1.430	1.928	2.325
3721	37.20	2.501	2.400	2.057	1.590	1.150	0.862	0.771	0.829	0.924	0.932
3731	37.30	0.777	0.460	0.051	-0.349	-0.668	-0.895	-1.087	-1.337	-1.721	-2.253
3741	37.40	-2.871	-3.453	-3.870	-4.040	-3.958	-3.697	-3.370	-3.087	-2.905	-2.817
3751	37.50	-2.761	-2.660	-2.455	-2.133	-1.725	-1.285	-0.861	-0.476	-0.116	0.256
3761	37.60	0.678	1.176	1.744	2.351	2.948	3.487	3.932	4.263	4.484	4.613
3771	37.70	4.679	4.712	4.729	4.730	4.692	4.574	4.329	3.930	3.380	2.727
3781	37.80	2.055	1.454	0.991	0.680	0.471	0.267	-0.041	-0.530	-1.212	-2.024
3791	37.90	-2.845	-3.540	-4.003	-4.185	-4.108	-3.842	-3.479	-3.094	-2.733	-2.402
3801	38.00	-2.086	-1.760	-1.408	-1.024	-0.615	-0.191	0.235	0.647	1.024	1.339
3811	38.10	1.567	1.696	1.736	1.722	1.708	1.743	1.850	2.010	2.169	2.251
3821	38.20	2.198	1.992	1.670	1.311	1.000	0.793	0.689	0.628	0.514	0.265
3831	38.30	-0.154	-0.707	-1.296	-1.795	-2.099	-2.162	-2.011	-1.729	-1.422	-1.179
3841	38.40	-1.042	-1.001	-1.014	-1.029	-1.017	-0.972	-0.910	-0.848	-0.785	-0.698
3851	38.50	-0.547	-0.302	0.039	0.441	0.835	1.144	1.310	1.317	1.199	1.022
3861	38.60	0.865	0.785	0.802	0.891	1.002	1.079	1.081	0.997	0.844	0.655
3871	38.70	0.463	0.289	0.133	-0.014	-0.163	-0.316	-0.464	-0.584	-0.657	-0.669
3881	38.80	-0.624	-0.541	-0.448	-0.370	-0.325	-0.313	-0.325	-0.345	-0.359	-0.359
3891	38.90	-0.342	-0.310	-0.264	-0.203	-0.125	-0.028	0.080	0.191	0.293	0.375
3901	39.00	0.438	0.489	0.543	0.611	0.699	0.799	0.897	0.972	1.010	1.007
3911	39.10	0.966	0.896	0.802	0.686	0.545	0.378	0.190	-0.006	-0.189	-0.347
3921	39.20	-0.476	-0.586	-0.699	-0.833	-0.998	-1.178	-1.356	-1.509	-1.627	-1.723
3931	39.30	-1.824	-1.955	-2.122	-2.298	-2.430	-2.455	-2.332	-2.086	-1.710	-1.352
3941	39.40	-1.085	-0.967	-1.004	-1.145	-1.306	-1.400	-1.372	-1.207	-0.926	-0.566
3951	39.50	-0.158	0.286	0.766	1.285	1.822	2.332	2.751	3.015	3.085	2.967
3961	39.60	2.710	2.388	2.083	1.852	1.722	1.683	1.708	1.756	1.792	1.786
3971	39.70	1.714	1.557	1.299	0.939	0.490	-0.012	-0.518	-0.974	-1.341	-1.603
3981	39.80	-1.772	-1.885	-1.984	-2.102	-2.252	-2.425	-2.595	-2.733	-2.816	-2.837
3991	39.90	-2.804	-2.728	-2.623	-2.490	-2.321	-2.103	-1.822	-1.475	-1.074	-0.642

Table 7-96-9

TABLE OF CORRECTED ACCELERATION RECORD

NO. 9

INDEX NO. 1288 308-GR-1-16 HB. (HB.) ITAJIMA BRIDGE MAX. ACC. = 42.832 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.208	0.207	0.592	0.956	1.314	1.679	2.046	2.385	2.650	2.789
4011	40.10	2.771	2.606	2.353	2.102	1.950	1.964	2.155	2.469	2.806	3.053
4021	40.20	3.123	2.983	2.657	2.212	1.725	1.256	0.827	0.430	0.035	-0.382
4031	40.30	-0.830	-1.291	-1.766	-2.152	-2.485	-2.727	-2.866	-2.903	-2.847	-2.727
4041	40.40	-2.588	-2.491	-2.491	-2.613	-2.838	-3.097	-3.291	-3.322	-3.137	-2.748
4051	40.50	-2.223	-1.660	-1.141	-0.694	-0.285	0.158	0.704	1.372	2.113	2.825
4061	40.60	3.393	3.741	3.861	3.814	3.700	3.605	3.568	3.570	3.562	3.504
4071	40.70	3.400	3.298	3.271	3.364	3.556	3.753	3.815	3.619	3.111	2.339
4081	40.80	1.432	0.549	-0.193	-0.758	-1.203	-1.629	-2.130	-2.734	-3.388	-3.988
4091	40.90	-4.430	-4.661	-4.705	-4.642	-4.563	-4.520	-4.498	-4.428	-4.234	-3.876
4101	41.00	-3.388	-2.867	-2.427	-2.149	-2.039	-2.020	-1.969	-1.770	-1.358	-0.739
4111	41.10	0.021	0.836	1.634	2.372	3.031	3.592	4.021	4.273	4.316	4.168
4121	41.20	3.910	3.672	3.587	3.732	4.083	4.518	4.860	4.953	4.734	4.253
4131	41.30	3.651	3.088	2.659	2.351	2.048	1.595	0.884	-0.079	-1.167	-2.174
4141	41.40	-2.906	-3.263	-3.283	-3.116	-2.951	-2.929	-3.086	-3.346	-3.575	-3.653
4151	41.50	-3.542	-3.301	-3.056	-2.927	-2.967	-3.131	-3.292	-3.305	-3.076	-2.601
4161	41.60	-1.973	-1.336	-0.821	-0.495	-0.362	-0.281	-0.214	-0.072	0.157	0.434
4171	41.70	0.696	0.892	1.007	1.060	1.089	1.128	1.189	1.263	1.332	1.391
4181	41.80	1.450	1.530	1.647	1.791	1.922	1.977	1.895	1.647	1.247	0.755
4191	41.90	0.255	-0.176	-0.490	-0.681	-0.778	-0.826	-0.863	-0.910	-0.966	-1.018
4201	42.00	-1.053	-1.063	-1.051	-1.022	-0.980	-0.927	-0.861	-0.787	-0.716	-0.664
4211	42.10	-0.643	-0.656	-0.688	-0.713	-0.701	-0.634	-0.509	-0.342	-0.156	0.033
4221	42.20	0.222	0.419	0.632	0.860	1.079	1.251	1.339	1.330	1.243	1.130
4231	42.30	1.050	1.066	1.116	1.210	1.249	1.164	0.927	0.574	0.197	-0.092
4241	42.40	-0.203	-0.106	0.161	0.505	0.819	1.024	1.091	1.045	0.936	0.815
4251	42.50	0.709	0.613	0.507	0.375	0.221	0.068	-0.051	-0.120	-0.150	-0.174
4261	42.60	-0.232	-0.346	-0.505	-0.665	-0.769	-0.779	-0.693	-0.555	-0.426	-0.366
4271	42.70	-0.394	-0.490	-0.603	-0.684	-0.714	-0.712	-0.731	-0.814	-0.971	-1.154
4281	42.80	-1.273	-1.233	-0.981	-0.537	-0.002	0.480	0.774	0.803	0.581	0.202
4291	42.90	-0.196	-0.490	-0.608	-0.553	-0.384	-0.186	-0.024	0.075	0.125	0.164
4301	43.00	0.225	0.319	0.426	0.508	0.529	0.468	0.331	0.143	-0.061	-0.249
4311	43.10	-0.401	-0.505	-0.560	-0.562	-0.513	-0.417	-0.287	-0.142	-0.006	0.102
4321	43.20	0.174	0.216	0.246	0.283	0.339	0.417	0.504	0.588	0.658	0.715
4331	43.30	0.768	0.826	0.895	0.971	1.043	1.096	1.124	1.127	1.114	1.094
4341	43.40	1.071	1.037	0.980	0.886	0.753	0.593	0.430	0.290	0.186	0.118
4351	43.50	0.068	0.011	-0.074	-0.189	-0.323	-0.453	-0.559	-0.633	-0.687	-0.746
4361	43.60	-0.832	-0.955	-1.103	-1.249	-1.356	-1.395	-1.359	-1.262	-1.136	-1.017
4371	43.70	-0.929	-0.880	-0.861	-0.852	-0.831	-0.784	-0.711	-0.618	-0.518	-0.421
4381	43.80	-0.333	-0.254	-0.183	-0.115	-0.047	0.021	0.090	0.163	0.240	0.322
4391	43.90	0.408	0.496	0.577	0.642	0.682	0.689	0.662	0.605	0.533	0.461
4401	44.00	0.405	0.377	0.377	0.395	0.413	0.415	0.391	0.343	0.286	0.241
4411	44.10	0.224	0.236	0.263	0.282	0.269	0.217	0.139	0.068	0.040	0.076
4421	44.20	0.169	0.280	0.352	0.333	0.199	-0.033	-0.302	-0.535	-0.664	-0.659
4431	44.30	-0.538	-0.354	-0.175	-0.056	-0.018	-0.043	-0.092	-0.120	-0.103	-0.043
4441	44.40	0.036	0.105	0.143	0.150	0.143	0.144	0.169	0.217	0.273	0.319
4451	44.50	0.346	0.358	0.370	0.399	0.445	0.493	0.511	0.467	0.346	0.161
4461	44.60	-0.051	-0.242	-0.375	-0.442	-0.465	-0.490	-0.556	-0.684	-0.857	-1.033
4471	44.70	-1.158	-1.197	-1.141	-1.019	-0.878	-0.762	-0.696	-0.627	-0.680	-0.672
4481	44.80	-0.631	-0.552	-0.449	-0.340	-0.236	-0.141	-0.065	0.059	0.172	0.283
4491	44.90	0.380	0.456	0.517	0.580	0.665	0.774	0.885	0.953	0.928	0.778

Table 7-96-10

TABLE OF CORRECTED ACCELERATION RECORD

NO.10

INDEX NO. 1288 308-GR-1-16 HB. (HB.) ITAJIMA BRIDGE MAX. ACC. = 42.832 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.512	0.183	-0.128	-0.339	-0.401	-0.316	-0.133	0.077	0.250	0.358
4511	45.10	0.416	0.460	0.523	0.608	0.681	0.683	0.564	0.312	-0.034	-0.393
4521	45.20	-0.670	-0.801	-0.772	-0.627	-0.445	-0.306	-0.259	-0.305	-0.405	-0.506
4531	45.30	-0.563	-0.564	-0.524	-0.477	-0.453	-0.462	-0.497	-0.536	-0.559	-0.557
4541	45.40	-0.535	-0.501	-0.458	-0.395	-0.292	-0.126	0.111	0.406	0.723	1.016
4551	45.50	1.244	1.382	1.432	1.413	1.357	1.294	1.243	1.212	1.199	1.197
4561	45.60	1.202	1.212	1.226	1.247	1.273	1.299	1.316	1.312	1.273	1.189
4571	45.70	1.059	0.890	0.701	0.517	0.359	0.241	0.158	0.092	0.017	-0.085
4581	45.80	-0.221	-0.377	-0.529	-0.657	-0.751	-0.821	-0.891	-0.982	-1.101	-1.236
4591	45.90	-1.362	-1.456	-1.513	-1.554	-1.614	-1.720	-1.875	-2.042	-2.160	-2.167
4601	46.00	-2.037	-1.800	-1.534	-1.334	-1.268	-1.341	-1.485	-1.585	-1.528	-1.256
4611	46.10	-0.794	-0.240	0.271	0.629	0.788	0.786	0.715	0.678	0.739	0.900
4621	46.20	1.107	1.284	1.370	1.349	1.252	1.138	1.060	1.042	1.075	1.128
4631	46.30	1.171	1.192	1.196	1.201	1.213	1.223	1.205	1.135	1.006	0.837
4641	46.40	0.668	0.537	0.458	0.412	0.348	0.216	-0.012	-0.315	-0.633	-0.883
4651	46.50	-1.000	-0.963	-0.803	-0.596	-0.422	-0.339	-0.355	-0.439	-0.530	-0.579
4661	46.60	-0.561	-0.491	-0.408	-0.353	-0.350	-0.395	-0.455	-0.489	-0.466	-0.377
4671	46.70	-0.238	-0.084	0.050	0.141	0.190	0.214	0.246	0.311	0.419	0.558
4681	46.80	0.695	0.788	0.800	0.714	0.542	0.321	0.104	-0.061	-0.140	-0.131
4691	46.90	-0.058	0.040	0.122	0.167	0.173	0.155	0.138	0.137	0.154	0.177
4701	47.00	0.188	0.173	0.131	0.072	0.012	-0.034	-0.063	-0.079	-0.094	-0.117
4711	47.10	-0.149	-0.186	-0.219	-0.246	-0.266	-0.287	-0.316	-0.352	-0.390	-0.422
4721	47.20	-0.444	-0.459	-0.477	-0.510	-0.558	-0.608	-0.631	-0.596	-0.486	-0.309
4731	47.30	-0.100	0.091	0.220	0.262	0.228	0.147	0.057	-0.019	-0.085	-0.161
4741	47.40	-0.269	-0.407	-0.543	-0.618	-0.571	-0.370	-0.037	0.355	0.702	0.905
4751	47.50	0.910	0.725	0.416	0.079	-0.200	-0.370	-0.431	-0.421	-0.387	-0.366
4761	47.60	-0.366	-0.372	-0.362	-0.323	-0.265	-0.208	-0.180	-0.190	-0.228	-0.269
4771	47.70	-0.284	-0.261	-0.209	-0.154	-0.127	-0.143	-0.192	-0.240	-0.251	-0.198
4781	47.80	-0.082	0.070	0.220	0.341	0.426	0.495	0.581	0.702	0.869	0.979
4791	47.90	1.031	0.957	0.748	0.450	0.154	-0.038	-0.050	0.133	0.460	0.827
4801	48.00	1.117	1.245	1.181	0.959	0.655	0.352	0.105	-0.072	-0.201	-0.326
4811	48.10	-0.479	-0.664	-0.857	-1.015	-1.101	-1.097	-1.015	-0.888	-0.757	-0.652
4821	48.20	-0.589	-0.564	-0.561	-0.565	-0.568	-0.558	-0.536	-0.494	-0.421	-0.311
4831	48.30	-0.162	0.015	0.198	0.367	0.508	0.623	0.727	0.841	0.977	1.129
4841	48.40	1.274	1.374	1.401	1.346	1.226	1.084	0.967	0.908	0.915	0.984
4851	48.50	1.014	1.022	0.964	0.842	0.680	0.516	0.377	0.273	0.197	0.125
4861	48.60	0.039	-0.070	-0.193	-0.315	-0.418	-0.497	-0.563	-0.634	-0.730	-0.857
4871	48.70	-1.004	-1.144	-1.245	-1.282	-1.249	-1.157	-1.035	-0.913	-0.815	-0.751
4881	48.80	-0.716	-0.695	-0.675	-0.644	-0.601	-0.550	-0.496	-0.446	-0.400	-0.359
4891	48.90	-0.316	-0.267	-0.209	-0.141	-0.064	0.016	0.094	0.162	0.218	0.263
4901	49.00	0.304	0.351	0.415	0.498	0.592	0.682	0.745	0.765	0.734	0.662
4911	49.10	0.568	0.474	0.399	0.349	0.319	0.296	0.271	0.242	0.209	0.177
4921	49.20	0.139	0.081	-0.015	-0.166	-0.368	-0.599	-0.820	-0.997	-1.112	-1.180
4931	49.30	-1.242	-1.346	-1.522	-1.759	-2.006	-2.184	-2.219	-2.078	-1.781	-1.398
4941	49.40	-1.020	-0.720	-0.529	-0.421	-0.340	-0.226	-0.048	0.184	0.624	0.626
4951	49.50	0.765	0.857	0.952	1.107	1.354	1.677	2.016	2.287	2.425	2.406
4961	49.60	2.267	2.083	1.940	1.893	1.947	2.053	2.135	2.116	1.949	1.645
4971	49.70	1.250	0.836	0.470	0.189	-0.002	-0.136	-0.263	-0.429	-0.663	-0.961
4981	49.80	-1.290	-1.599	-1.837	-1.970	-1.997	-1.952	-1.891	-1.871	-1.927	-2.051
4991	49.90	-2.195	-2.286	-2.255	-2.066	-1.734	-1.315	-0.889	-0.524	-0.249	-0.053

Table 7-96-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1288 308-GR-1-16 HB. (HB.) ITAJIMA BRIDGE MAX. ACC. = 42.832 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.112	0.293	0.519	0.784	1.056	1.300	1.502	1.678	1.868	2.109
5011	50.10	2.410	2.730	2.995	3.118	3.042	2.768	2.358	1.914	1.540	1.301
5021	50.20	1.200	1.183	1.165	1.063	0.830	0.464	0.000	-0.503	-0.991	-1.420
5031	50.30	-1.763	-2.006	-2.144	-2.183	-2.144	-2.069	-2.009	-2.017	-2.124	-2.322
5041	50.40	-2.565	-2.776	-2.876	-2.812	-2.577	-2.210	-1.778	-1.355	-0.991	-0.703
5051	50.50	-0.477	-0.280	-0.082	0.136	0.376	0.627	0.881	1.134	1.389	1.651
5061	50.60	1.920	2.183	2.413	2.580	2.660	2.643	2.543	2.395	2.250	2.157
5071	50.70	2.150	2.233	2.373	2.507	2.556	2.455	2.174	1.735	1.208	0.684
5081	50.80	0.244	-0.074	-0.290	-0.470	-0.693	-1.009	-1.414	-1.848	-2.221	-2.462
5091	50.90	-2.554	-2.548	-2.538	-2.615	-2.813	-3.088	-3.331	-3.415	-3.260	-2.872
5101	51.00	-2.347	-1.833	-1.457	-1.270	-1.222	-1.193	-1.048	-0.706	-0.183	0.419
5111	51.10	0.961	1.331	1.499	1.521	1.510	1.575	1.770	2.071	2.396	2.654
5121	51.20	2.786	2.796	2.732	2.657	2.603	2.554	2.453	2.241	1.889	1.425
5131	51.30	0.920	0.457	0.086	-0.191	-0.421	-0.665	-0.960	-1.294	-1.614	-1.852
5141	51.40	-1.971	-1.984	-1.960	-1.985	-2.119	-2.363	-2.651	-2.879	-2.947	-2.807
5151	51.50	-2.481	-2.052	-1.625	-1.281	-1.056	-0.926	-0.835	-0.727	-0.566	-0.349
5161	51.60	-0.105	0.134	0.345	0.526	0.687	0.843	1.003	1.166	1.325	1.470
5171	51.70	1.594	1.687	1.739	1.735	1.655	1.493	1.259	0.983	0.713	0.492
5181	51.80	0.345	0.264	0.213	0.146	0.027	-0.150	-0.358	-0.556	-0.706	-0.798
5191	51.90	-0.856	-0.925	-1.050	-1.247	-1.493	-1.727	-1.875	-1.881	-1.729	-1.448
5201	52.00	-1.101	-0.757	-0.470	-0.257	-0.105	0.018	0.143	0.289	0.458	0.640
5211	52.10	0.825	1.010	1.197	1.389	1.578	1.746	1.866	1.914	1.884	1.794
5221	52.20	1.684	1.601	1.581	1.627	1.711	1.771	1.742	1.571	1.244	0.792
5231	52.30	0.281	-0.204	-0.585	-0.815	-0.887	-0.830	-0.699	-0.555	-0.466	-0.398
5241	52.40	-0.413	-0.475	-0.562	-0.654	-0.759	-0.817	-0.888	-0.953	-1.007	-1.034
5251	52.50	-1.020	-0.949	-0.820	-0.644	-0.444	-0.249	-0.085	0.038	0.123	0.190
5261	52.60	0.260	0.348	0.455	0.565	0.655	0.707	0.716	0.698	0.683	0.704
5271	52.70	0.781	0.906	1.049	1.163	1.204	1.149	1.004	0.797	0.571	0.361
5281	52.80	0.181	0.028	-0.116	-0.265	-0.417	-0.552	-0.641	-0.660	-0.607	-0.508
5291	52.90	-0.408	-0.353	-0.373	-0.467	-0.609	-0.753	-0.862	-0.920	-0.938	-0.948
5301	53.00	-0.983	-1.061	-1.175	-1.292	-1.369	-1.369	-1.276	-1.100	-0.874	-0.641
5311	53.10	-0.435	-0.279	-0.171	-0.096	-0.028	0.057	0.171	0.314	0.475	0.631
5321	53.20	0.766	0.869	0.946	1.016	1.104	1.233	1.408	1.609	1.796	1.914
5331	53.30	1.917	1.783	1.524	1.184	0.829	0.516	0.284	0.134	0.034	-0.062
5341	53.40	-0.197	-0.391	-0.635	-0.894	-1.125	-1.288	-1.367	-1.366	-1.314	-1.246
5351	53.50	-1.198	-1.193	-1.238	-1.325	-1.435	-1.540	-1.612	-1.624	-1.561	-1.417
5361	53.60	-1.202	-0.938	-0.655	-0.384	-0.149	0.037	0.179	0.296	0.414	0.556
5371	53.70	0.737	0.956	1.193	1.419	1.595	1.692	1.696	1.618	1.486	1.343
5381	53.80	1.230	1.174	1.181	1.229	1.285	1.309	1.272	1.163	0.990	0.772
5391	53.90	0.531	0.286	0.043	-0.191	-0.413	-0.609	-0.762	-0.853	-0.871	-0.822
5401	54.00	-0.727	-0.618	-0.526	-0.478	-0.472	-0.496	-0.528	-0.547	-0.542	-0.517
5411	54.10	-0.487	-0.466	-0.463	-0.474	-0.482	-0.465	-0.405	-0.295	-0.147	0.018
5421	54.20	0.171	0.292	0.371	0.420	0.462	0.525	0.627	0.766	0.919	1.065
5431	54.30	1.105	1.075	0.960	0.793	0.626	0.505	0.455	0.467	0.502	0.509
5441	54.40	0.451	0.318	0.136	-0.052	-0.204	-0.307	-0.383	-0.479	-0.643	-0.897
5451	54.50	-1.215	-1.534	-1.772	-1.868	-1.806	-1.627	-1.408	-1.235	-1.163	-1.194
5461	54.60	-1.288	-1.380	-1.416	-1.380	-1.296	-1.215	-1.181	-1.210	-1.276	-1.327
5471	54.70	-1.309	-1.193	-0.990	-0.745	-0.513	-0.336	-0.224	-0.152	-0.079	0.028
5481	54.80	0.180	0.357	0.528	0.663	0.758	0.832	0.922	1.055	1.233	1.430
5491	54.90	1.599	1.693	1.695	1.622	1.519	1.444	1.432	1.485	1.565	1.613

Table 7-96-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1288 308-GR-1-16 HB. (HB.) ITAJIMA BRIDGE MAX. ACC. = 42.832 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	1.575	1.426	1.178	0.878	0.582	0.335	0.151	0.012	-0.118	-0.270
5511	55.10	-0.454	-0.653	-0.828	-0.938	-0.963	-0.916	-0.838	-0.782	-0.792	-0.882
5521	55.20	-1.027	-1.173	-1.256	-1.225	-1.067	-0.804	-0.489	-0.186	0.061	0.235
5531	55.30	0.353	0.453	0.577	0.750	0.966	1.195	1.390	1.512	1.541	1.486
5541	55.40	1.382	1.276	1.209	1.204	1.256	1.337	1.407	1.425	1.367	1.225
5551	55.50	1.015	0.765	0.508	0.275	0.083	-0.066	-0.183	-0.289	-0.409	-0.558
5561	55.60	-0.742	-0.949	-1.157	-1.338	-1.468	-1.537	-1.548	-1.516	-1.458	-1.389
5571	55.70	-1.308	-1.208	-1.071	-0.885	-0.648	-0.376	-0.093	0.167	0.379	0.531
5581	55.80	0.626	0.679	0.712	0.743	0.782	0.831	0.886	0.943	1.003	1.072
5591	55.90	1.156	1.257	1.369	1.470	1.535	1.533	1.446	1.272	1.034	0.769
5601	56.00	0.520	0.323	0.193	0.115	0.059	-0.017	-0.145	-0.335	-0.572	-0.823
5611	56.10	-1.052	-1.233	-1.358	-1.441	-1.500	-1.552	-1.601	-1.640	-1.661	-1.664
5621	56.20	-1.663	-1.686	-1.756	-1.880	-2.035	-2.172	-2.234	-2.177	-1.990	-1.703
5631	56.30	-1.372	-1.058	-0.799	-0.603	-0.447	-0.293	-0.117	0.087	0.300	0.495
5641	56.40	0.659	0.800	0.949	1.137	1.378	1.653	1.912	2.094	2.155	2.088
5651	56.50	1.930	1.744	1.589	1.494	1.445	1.393	1.279	1.067	0.761	0.406
5661	56.60	0.070	-0.186	-0.332	-0.382	-0.380	-0.386	-0.449	-0.590	-0.799	-1.041
5671	56.70	-1.272	-1.451	-1.554	-1.579	-1.539	-1.464	-1.386	-1.334	-1.321	-1.341
5681	56.80	-1.369	-1.364	-1.288	-1.118	-0.856	-0.532	-0.188	0.133	0.403	0.617
5691	56.90	0.791	0.942	1.084	1.218	1.334	1.428	1.508	1.598	1.727	1.912
5701	57.00	2.140	2.365	2.516	2.528	2.354	2.034	1.597	1.136	0.731	0.428
5711	57.10	0.229	0.095	-0.031	-0.198	-0.430	-0.719	-1.030	-1.322	-1.554	-1.703
5721	57.20	-1.765	-1.752	-1.693	-1.623	-1.581	-1.598	-1.684	-1.821	-1.964	-2.049
5731	57.30	-2.017	-1.837	-1.520	-1.121	-0.716	-0.377	-0.139	0.009	0.124	0.276
5741	57.40	0.517	0.858	1.260	1.651	1.952	2.111	2.115	1.996	1.813	1.629
5751	57.50	1.489	1.417	1.408	1.445	1.501	1.549	1.565	1.530	1.429	1.261
5761	57.60	1.038	0.784	0.532	0.307	0.124	-0.025	-0.163	-0.317	-0.502	-0.714
5771	57.70	-0.926	-1.102	-1.207	-1.226	-1.170	-1.071	-0.976	-0.924	-0.941	-1.031
5781	57.80	-1.176	-1.345	-1.501	-1.608	-1.641	-1.585	-1.445	-1.238	-0.995	-0.753
5791	57.90	-0.540	-0.373	-0.247	-0.141	-0.029	0.110	0.278	0.456	0.614	0.719
5801	58.00	0.753	0.720	0.645	0.562	0.504	0.485	0.504	0.543	0.582	0.605
5811	58.10	0.611	0.606	0.603	0.606	0.612	0.607	0.576	0.508	0.406	0.283
5821	58.20	0.160	0.057	-0.015	-0.057	-0.084	-0.113	-0.164	-0.244	-0.349	-0.464
5831	58.30	-0.563	-0.624	-0.631	-0.580	-0.482	-0.360	-0.238	-0.139	-0.072	-0.030
5841	58.40	0.003	0.045	0.107	0.186	0.261	0.304	0.291	0.211	0.080	-0.065
5851	58.50	-0.174	-0.202	-0.122	0.062	0.321	0.604	0.858	1.039	1.126	1.118
5861	58.60	1.031	0.892	0.727	0.562	0.413	0.291	0.198	0.134	0.087	0.044
5871	58.70	-0.010	-0.084	-0.181	-0.294	-0.406	-0.501	-0.567	-0.604	-0.619	-0.628
5881	58.80	-0.644	-0.672	-0.709	-0.745	-0.771	-0.784	-0.793	-0.811	-0.850	-0.912
5891	58.90	-0.987	-1.051	-1.077	-1.046	-0.952	-0.809	-0.639	-0.470	-0.321	-0.198
5901	59.00	-0.098	-0.008	0.082	0.175	0.272	0.368	0.463	0.561	0.671	0.795
5911	59.10	0.930	1.059	1.156	1.194	1.156	1.044	0.878	0.692	0.525	0.400
5921	59.20	0.325	0.287	0.264	0.228	0.164	0.069	-0.043	-0.154	-0.247	-0.314
5931	59.30	-0.360	-0.400	-0.450	-0.524	-0.625	-0.744	-0.863	-0.960	-1.015	-1.014
5941	59.40	-0.954	-0.843	-0.697	-0.537	-0.386	-0.261	-0.168	-0.105	-0.059	-0.015
5951	59.50	0.044	0.126	0.229	0.343	0.451	0.540	0.604	0.652	0.698	0.761
5961	59.60	0.855	0.977	1.111	1.230	1.303	1.310	1.244	1.120	0.962	0.802
5971	59.70	0.663	0.558	0.484	0.430	0.378	0.318	0.244	0.160	0.071	-0.015
5981	59.80	-0.096	-0.172	-0.246	-0.322	-0.397	-0.472	-0.544	-0.615	-0.689	-0.771
5991	59.90	-0.865	-0.966	-1.061	-1.133	-1.160	-1.127	-1.032	-0.888	-0.721	-0.563

Table 7-96-13

TABLE OF CORRECTED ACCELERATION RECORD

NO.13

INDEX NO. 1288 308-GR-1-16 HB. (HB.) ITAJIMA BRIDGE MAX. ACC. = 42.832 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.440	-0.364	-0.329	-0.315	-0.292	-0.238	-0.145	-0.025	0.098	0.196
6011	60.10	0.253	0.274	0.282	0.312	0.393	0.529	0.696	0.842	0.912	0.866
6021	60.20	0.693	0.437	0.165	-0.048	-0.147	-0.119	0.002	0.150	0.254	0.266
6031	60.30	0.168	-0.002	-0.193	-0.352	-0.446	-0.475	-0.470	-0.470	-0.512	-0.607
6041	60.40	-0.742	-0.884	-0.995	-1.046	-1.026	-0.941	-0.810	-0.657	-0.506	-0.368
6051	60.50	-0.254	-0.165	-0.095	-0.035	0.026	0.096	0.182	0.282	0.389	0.439
6061	60.60	0.575	0.642	0.699	0.760	0.841	0.950	1.078	1.203	1.293	1.316
6071	60.70	1.257	1.121	0.932	0.731	0.555	0.427	0.353	0.313	0.279	0.224
6081	60.80	0.131	0.004	-0.138	-0.266	-0.354	-0.390	-0.375	-0.325	-0.263	-0.208
6091	60.90	-0.172	-0.156	-0.153	-0.154	-0.152	-0.147	-0.141	-0.136	-0.129	-0.112
6101	61.00	-0.079	-0.022	0.056	0.144	0.226	0.288	0.325	0.346	0.367	0.407
6111	61.10	0.474	0.562	0.650	0.710	0.719	0.668	0.568	0.444	0.324	0.227
6121	61.20	0.166	0.125	0.091	0.049	-0.008	-0.076	-0.144	-0.204	-0.254	-0.298
6131	61.30	-0.347	-0.407	-0.476	-0.547	-0.608	-0.655	-0.691	-0.729	-0.782	-0.858
6141	61.40	-0.950	-1.040	-1.101	-1.110	-1.057	-0.950	-0.814	-0.677	-0.560	-0.475
6151	61.50	-0.416	-0.372	-0.328	-0.273	-0.208	-0.134	-0.059	0.014	0.084	0.152
6161	61.60	0.217	0.279	0.337	0.392	0.449	0.516	0.599	0.696	0.792	0.861
6171	61.70	0.876	0.816	0.680	0.490	0.281	0.095	-0.041	-0.121	-0.163	-0.202
6181	61.80	-0.268	-0.379	-0.527	-0.681	-0.804	-0.865	-0.856	-0.791	-0.702	-0.625
6191	61.90	-0.583	-0.581	-0.604	-0.627	-0.630	-0.609	-0.572	-0.542	-0.535	-0.557
6201	62.00	-0.591	-0.608	-0.573	-0.462	-0.272	-0.026	0.237	0.468	0.632	0.709
6211	62.10	0.706	0.647	0.566	0.496	0.456	0.452	0.476	0.513	0.544	0.560
6221	62.20	0.558	0.565	0.532	0.532	0.550	0.582	0.617	0.633	0.609	0.530
6231	62.30	0.394	0.213	0.011	-0.181	-0.334	-0.430	-0.463	-0.465	-0.394	-0.332
6241	62.40	-0.277	-0.237	-0.215	-0.205	-0.202	-0.203	-0.204	-0.207	-0.211	-0.214
6251	62.50	-0.210	-0.192	-0.150	-0.077	0.028	0.162	0.315	0.471	0.613	0.728
6261	62.60	0.811	0.870	0.922	0.990	1.094	1.237	1.404	1.559	1.662	1.677
6271	62.70	1.588	1.409	1.177	0.940	0.741	0.600	0.512	0.450	0.384	0.290
6281	62.80	0.164	0.022	-0.116	-0.232	-0.324	-0.406	-0.497	-0.612	-0.749	-0.889
6291	62.90	-1.011	-1.103	-1.173	-1.252	-1.374	-1.562	-1.806	-2.060	-2.253	-2.320
6301	63.00	-2.224	-1.977	-1.638	-1.289	-1.003	-0.820	-0.729	-0.682	-0.620	-0.502
6311	63.10	-0.321	-0.105	0.099	0.256	0.356	0.426	0.509	0.644	0.842	1.080
6321	63.20	1.303	1.452	1.486	1.396	1.211	0.981	0.757	0.575	0.445	0.357
6331	63.30	0.291	0.226	0.152	0.065	-0.034	-0.143	-0.263	-0.387	-0.507	-0.604
6341	63.40	-0.660	-0.666	-0.625	-0.555	-0.484	-0.436	-0.421	-0.436	-0.454	-0.462
6351	63.50	-0.448	-0.419	-0.394	-0.390	-0.413	-0.446	-0.460	-0.419	-0.307	-0.129
6361	63.60	0.084	0.292	0.461	0.584	0.677	0.769	0.891	1.048	1.221	1.369
6371	63.70	1.450	1.438	1.337	1.179	1.012	0.878	0.800	0.773	0.774	0.773
6381	63.80	0.748	0.692	0.617	0.540	0.477	0.433	0.403	0.377	0.343	0.296
6391	63.90	0.238	0.175	0.116	0.065	0.023	-0.014	-0.050	-0.089	-0.134	-0.186
6401	64.00	-0.245	-0.307	-0.369	-0.423	-0.460	-0.470	-0.449	-0.397	-0.320	-0.231
6411	64.10	-0.145	-0.073	-0.023	0.007	0.024	0.037	0.059	0.098	0.154	0.223
6421	64.20	0.295	0.355	0.387	0.380	0.333	0.250	0.146	0.039	-0.057	-0.132
6431	64.30	-0.187	-0.229	-0.267	-0.311	-0.366	-0.429	-0.495	-0.560	-0.618	-0.670
6441	64.40	-0.718	-0.767	-0.819	-0.879	-0.945	-1.016	-1.084	-1.138	-1.165	-1.150
6451	64.50	-1.088	-0.983	-0.855	-0.730	-0.635	-0.587	-0.580	-0.592	-0.590	-0.549
6461	64.60	-0.461	-0.343	-0.232	-0.164	-0.156	-0.197	-0.244	-0.240	-0.141	0.066
6471	64.70	0.349	0.645	0.880	0.996	0.977	0.849	0.669	0.505	0.403	0.382
6481	64.80	0.423	0.491	0.546	0.564	0.540	0.487	0.422	0.357	0.293	0.220
6491	64.90	0.125	0.003	-0.141	-0.292	-0.429	-0.535	-0.606	-0.652	-0.696	-0.762

Table 7-96-14

TABLE OF CORRECTED ACCELERATION RECORD

NO.14

INDEX NO. 1288 308-GR-1-16 HB. (HB.) ITAJIMA BRIDGE MAX. ACC. = 42.832 (GAL) T= 12.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-0.870	-1.018	-1.187	-1.340	-1.434	-1.436	-1.332	-1.138	-0.891	-0.640
6511	65.10	-0.427	-0.275	-0.176	-0.105	-0.027	0.082	0.226	0.388	0.539	0.661
6521	65.20	0.752	0.832	0.931	1.073	1.255	1.446	1.593	1.646	1.578	1.400
6531	65.30	1.158	0.912	0.715	0.592	0.529	0.493	0.442	0.353	0.229	0.091
6541	65.40	-0.032	-0.127	-0.198	-0.265	-0.350	-0.463	-0.593	-0.718	-0.817	-0.886
6551	65.50	-0.941	-1.013	-1.127	-1.284	-1.453	-1.580	-1.609	-1.507	-1.284	-0.988
6561	65.60	-0.686	-0.440	-0.276	-0.183	-0.119	-0.037	0.093	0.268	0.459	0.631
6571	65.70	0.762	0.856	0.942	1.056	1.219	1.423	1.631	1.790	1.854	1.805
6581	65.80	1.660	1.463	1.267	1.113	1.019	0.973	0.951	0.924	0.873	0.797
6591	65.90	0.701	0.600	0.502	0.411	0.325	0.241	0.157	0.074	-0.009	-0.092
6601	66.00	-0.178	-0.269	-0.363	-0.456	-0.541	-0.614	-0.681	-0.750	-0.834	-0.942
6611	66.10	-1.067	-1.190	-1.280	-1.305	-1.251	-1.122	-0.946	-0.761	-0.603	-0.492
6621	66.20	-0.426	-0.385	-0.344	-0.281	-0.193	-0.089	0.015	0.105	0.176	0.237
6631	66.30	0.303	0.383	0.481	0.584	0.674	0.735	0.757	0.745	0.711	0.673
6641	66.40	0.647	0.639	0.650	0.673	0.702	0.731	0.756	0.772	0.769	0.735
6651	66.50	0.660	0.538	0.375	0.188	0.002	-0.157	-0.270	-0.328	-0.338	-0.317
6661	66.60	-0.285	-0.264	-0.264	-0.287	-0.328	-0.373	-0.412	-0.438	-0.449	-0.454
6671	66.70	-0.463	-0.487	-0.529	-0.584	-0.637	-0.666	-0.654	-0.591	-0.482	-0.345
6681	66.80	-0.206	-0.087	-0.001	0.056	0.100	0.152	0.228	0.327	0.434	0.524
6691	66.90	0.572	0.564	0.505	0.415	0.322	0.250	0.210	0.199	0.204	0.205
6701	67.00	0.190	0.158	0.115	0.072	0.040	0.021	0.010	-0.001	-0.021	-0.051
6711	67.10	-0.088	-0.125	-0.154	-0.175	-0.189	-0.204	-0.225	-0.256	-0.292	-0.329
6721	67.20	-0.358	-0.377	-0.388	-0.401	-0.422	-0.459	-0.507	-0.555	-0.586	-0.582
6731	67.30	-0.532	-0.438	-0.311	-0.175	-0.054	0.036	0.092	0.124	0.155	0.206
6741	67.40	0.288	0.398	0.512	0.598	0.629	0.588	0.483	0.340	0.195	0.080
6751	67.50	0.011	-0.018	-0.028	-0.048	-0.098	-0.181	-0.281	-0.374	-0.433	-0.446
6761	67.60	-0.415	-0.356	-0.290	-0.233	-0.193	-0.168	-0.148	-0.127	-0.104	-0.080
6771	67.70	-0.061	-0.046	-0.033	-0.014	0.015	0.053	0.092	0.121	0.133	0.127
6781	67.80	0.111	0.100	0.102	0.120	0.145	0.164	0.167	0.153	0.132	0.121
6791	67.90	0.135	0.172	0.221	0.256	0.254	0.205	0.114	0.001	-0.111	-0.209
6801	68.00	-0.294	-0.376	-0.470	-0.579	-0.688	-0.772	-0.803	-0.766	-0.671	-0.547
6811	68.10	-0.630	-0.348	-0.306	-0.288	-0.268	-0.225	-0.156	-0.079	-0.021	-0.001
6821	68.20	-0.012	-0.022	0.012	0.129	0.331	0.585	0.826	0.985	1.014	0.909
6831	68.30	0.709	0.481	0.288	0.170	0.128	0.133	0.142	0.120	0.055	-0.042
6841	68.40	-0.145	-0.230	-0.287	-0.323	-0.356	-0.405	-0.482	-0.588	-0.715	-0.850
6851	68.50	-0.984	-1.107	-1.209	-1.280	-1.308	-1.286	-1.212	-1.099	-0.967	-0.841
6861	68.60	-0.743	-0.679	-0.647	-0.630	-0.611	-0.579	-0.528	-0.460	-0.381	-0.292
6871	68.70	-0.192	-0.078	0.052	0.192	0.337	0.477	0.608	0.730	0.848	0.962
6881	68.80	1.066	1.145	1.180	1.161	1.088	0.983	0.879	0.809	0.792	0.825
6891	68.90	0.881	0.925	0.924	0.863	0.752	0.617	0.488	0.385	0.310	0.251
6901	69.00	0.187	0.104	0.004	-0.101	-0.193	-0.262	-0.310	-0.357	-0.423	-0.523
6911	69.10	-0.649	-0.778	-0.872	-0.902	-0.855	-0.745	-0.603	-0.470	-0.374	-0.322
6921	69.20	-0.298	-0.276	-0.234	-0.166	-0.084	-0.012	0.031	0.043	0.048	0.084
6931	69.30	0.187	0.370	0.615	0.871	1.079	1.188	1.185	1.093	0.966	0.865
6941	69.40	0.832	0.873	0.962	1.052	1.106	1.109	1.074	1.034	1.021	1.050
6951	69.50	1.110	1.176	1.220	1.229	1.213	1.193	1.187	1.196	1.200	1.169
6961	69.60	1.079	0.933	0.762	0.613	0.526	0.511	0.538	0.555	0.514	0.397
6971	69.70	0.231	0.071	-0.024	-0.032	0.018	0.057	0.016	-0.134	-0.350	-0.529
6981	69.80	-0.549	-0.337	0.088	0.601	1.010	1.133	0.877	0.282	-0.484	-1.192

Table 7-97-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1289 905-PI-1-431 HA. (HA.) OCHIAI BRIDGE MAX. ACC. = -86.985 (GAL) T= 0.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-86.985	-66.047	-32.716	3.617	33.924	52.994	60.869	61.810	61.407	63.369
11	0.10	67.603	70.452	66.885	53.437	30.371	1.961	-25.222	-45.159	-54.933	-55.761
21	0.20	-52.050	-48.987	-49.884	-54.570	-59.544	-59.788	-51.281	-33.043	-7.733	19.389
31	0.30	42.613	58.018	64.788	65.088	62.669	60.909	61.224	62.533	61.957	56.356
41	0.40	43.965	25.380	3.491	-17.592	-34.112	-44.034	-47.663	-47.250	-45.827	-45.798
51	0.50	-47.897	-50.959	-52.560	-50.209	-42.546	-30.010	-14.703	0.453	12.873	21.239
61	0.60	25.819	28.076	29.815	32.301	35.767	39.490	42.331	43.376	42.345	39.544
71	0.70	35.452	30.245	23.572	14.768	3.406	-10.137	-24.457	-37.447	-47.065	-52.194
81	0.80	-53.127	-51.421	-49.124	-47.745	-47.475	-47.066	-44.448	-37.806	-26.613	-12.094
91	0.90	3.089	15.812	23.661	25.796	23.128	17.785	12.150	7.938	5.689	4.854
101	1.00	4.348	3.260	1.380	-0.681	-1.767	-0.684	3.291	10.103	18.903	28.265
111	1.10	36.555	42.312	44.556	42.970	37.935	30.400	21.617	12.809	4.839	-1.974
121	1.20	-7.855	-13.359	-19.048	-25.193	-31.642	-37.882	-43.283	-47.349	-49.869	-50.891
131	1.30	-50.545	-48.837	-45.549	-40.301	-32.738	-22.747	-10.558	3.291	18.096	33.125
141	1.40	47.644	60.844	71.728	79.133	81.959	79.570	72.199	61.106	48.337	36.085
151	1.50	25.912	18.153	11.844	5.217	-3.394	-14.682	-27.930	-41.235	-52.317	-59.503
161	1.60	-62.422	-62.040	-60.037	-57.820	-55.700	-52.672	-46.939	-36.951	-22.449	-4.973
171	1.70	12.464	26.425	34.381	35.710	31.921	25.989	21.105	19.411	21.257	25.282
181	1.80	29.225	31.052	29.809	26.027	21.220	17.110	14.770	14.179	14.346	13.918
191	1.90	11.913	8.232	3.690	-0.413	-2.955	-3.558	-2.773	-1.823	-2.037	-6.244
201	2.00	-8.427	-13.766	-19.024	-23.082	-25.357	-25.920	-25.298	-24.078	-22.542	-20.514
211	2.10	-17.497	-13.023	-7.023	-0.040	6.861	12.438	15.733	16.451	15.069	12.648
221	2.20	10.410	9.265	9.501	10.739	12.182	13.025	12.845	11.805	10.577	10.022
231	2.30	10.763	12.837	15.572	17.752	18.014	15.334	9.404	0.785	-9.249	-19.092
241	2.40	-27.281	-32.887	-35.702	-36.165	-35.085	-33.300	-31.395	-29.598	-27.842	-25.941
251	2.50	-23.760	-21.295	-18.613	-15.725	-12.463	-8.469	-3.318	3.256	11.167	19.904
261	2.60	28.655	36.564	43.029	47.860	51.235	53.448	54.596	54.368	52.071	46.931
271	2.70	38.522	27.128	13.839	0.278	-11.924	-21.709	-28.947	-34.385	-39.202	-44.358
281	2.80	-50.030	-55.404	-58.941	-59.004	-54.581	-45.785	-33.904	-20.993	-9.169	0.074
291	2.90	6.261	9.902	12.078	13.877	15.925	18.220	20.304	21.639	21.984	21.580
301	3.00	21.040	21.028	21.868	23.302	24.508	24.391	22.026	17.060	9.908	1.660
311	3.10	-6.262	-12.565	-16.470	-17.902	-17.417	-15.923	-14.318	-13.197	-12.715	-12.653
321	3.20	-12.605	-12.215	-11.335	-10.061	-8.647	-7.362	-6.352	-5.603	-4.977	-4.319
331	3.30	-3.558	-2.751	-2.039	-1.561	-1.347	-1.280	-1.126	-0.639	0.321	1.716
341	3.40	3.327	4.837	5.946	6.488	6.466	6.042	5.452	4.918	4.582	4.488
351	3.50	4.596	4.825	5.088	5.310	5.433	5.410	5.202	4.773	4.094	3.143
361	3.60	1.903	0.379	-1.378	-3.242	-5.001	-6.382	-7.124	-7.084	-6.321	-5.118
371	3.70	-3.899	-3.059	-2.778	-2.889	-2.902	-2.173	-0.184	3.205	7.640	12.353
381	3.80	16.436	19.163	20.246	19.884	18.597	16.926	15.152	13.159	10.523	6.775
391	3.90	1.697	-4.487	-11.126	-17.360	-22.427	-25.905	-27.806	-28.453	-28.257	-27.479
401	4.00	-26.130	-24.019	-20.924	-16.771	-11.737	-6.198	-0.592	4.745	9.666	14.189
411	4.10	18.381	22.232	25.595	28.223	29.879	30.445	29.949	28.506	26.198	22.981
421	4.20	18.701	13.227	6.636	-0.640	-7.840	-14.065	-18.596	-21.175	-22.117	-22.166
431	4.30	-22.150	-22.569	-23.331	-23.753	-22.846	-19.783	-14.313	-6.959	1.111	8.478
441	4.40	13.964	17.013	17.796	17.035	15.631	14.289	13.285	12.478	11.495	10.006
451	4.50	7.910	5.379	2.741	0.301	-1.802	-3.628	-5.340	-7.068	-8.787	-10.307
461	4.60	-11.359	-11.729	-11.360	-10.373	-8.978	-7.355	-5.549	-3.471	-0.979	1.990
471	4.70	5.308	8.648	11.574	13.701	14.839	15.055	14.632	13.929	13.236	12.671
481	4.80	12.171	11.562	10.658	9.344	7.596	5.452	2.960	0.159	-2.902	-6.110
491	4.90	-9.247	-11.994	-14.004	-15.018	-14.971	-14.043	-12.607	-11.110	-9.915	-9.185

Table 7-97-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1289 905-PI-1-431 HA. (HA.) OCHIAI BRIDGE MAX. ACC. = -86.985 (GAL) T= 0.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-8.841	-8.618	-8.168	-7.193	-5.525	-3.165	-0.262	2.928	6.093	8.906
511	5.10	11.063	12.335	12.620	11.982	10.657	9.001	7.387	6.078	5.139	4.416
521	5.20	3.617	2.448	0.763	-1.346	-3.571	-5.487	-6.727	-7.114	-6.732	-5.877
531	5.30	-4.937	-4.245	-3.969	-4.085	-4.425	-4.778	-4.978	-4.965	-4.767	-4.463
541	5.40	-4.124	-3.779	-3.417	-3.018	-2.580	-2.133	-1.727	-1.400	-1.149	-0.922
551	5.50	-0.633	-0.201	0.412	1.184	2.034	2.855	3.544	4.034	4.299	4.353
561	5.60	4.224	3.948	3.553	3.063	2.502	1.896	1.272	0.653	0.061	-0.485
571	5.70	-0.958	-1.329	-1.567	-1.658	-1.621	-1.519	-1.449	-1.517	-1.804	-2.330
581	5.80	-3.048	-3.857	-4.644	-5.320	-5.849	-6.240	-6.524	-6.707	-6.747	-6.552
591	5.90	-6.009	-5.041	-3.640	-1.896	0.030	1.944	3.676	5.112	6.200	6.933
601	6.00	7.318	7.363	7.073	6.476	5.644	4.697	3.782	3.026	2.491	2.148
611	6.10	1.894	1.597	1.164	0.585	-0.056	-0.615	-0.956	-1.009	-0.801	-0.445
621	6.20	-0.088	0.148	0.216	0.145	0.019	-0.074	-0.085	-0.016	0.088	0.173
631	6.30	0.206	0.191	0.159	0.151	0.190	0.274	0.380	0.479	0.556	0.605
641	6.40	0.627	0.613	0.531	0.335	-0.014	-0.526	-1.159	-1.823	-2.402	-2.787
651	6.50	-2.914	-2.776	-2.426	-1.949	-1.432	-0.940	-0.503	-0.130	0.182	0.424
661	6.60	0.574	0.597	0.464	0.166	-0.269	-0.777	-1.270	-1.652	-1.840	-1.778
671	6.70	-1.449	-0.874	-0.102	0.793	1.726	2.611	3.366	3.920	4.224	4.256
681	6.80	4.030	3.589	3.002	2.347	1.690	1.073	0.508	-0.011	-0.492	-0.927
691	6.90	-1.286	-1.524	-1.602	-1.517	-1.311	-1.065	-0.871	-0.792	-0.833	-0.934
701	7.00	-0.996	-0.924	-0.676	-0.284	0.160	0.544	0.794	0.906	0.956	1.057
711	7.10	1.308	1.739	2.290	2.833	3.219	3.337	3.146	2.682	2.021	1.239
721	7.20	0.380	-0.552	-1.565	-2.647	-3.737	-4.728	-5.498	-5.949	-6.049	-5.842
731	7.30	-5.424	-4.903	-4.352	-3.786	-3.164	-2.423	-1.515	-0.439	0.748	1.948
741	7.40	3.052	3.967	4.642	5.066	5.262	5.278	5.168	4.989	4.797	4.631
751	7.50	4.509	4.412	4.281	4.022	3.528	2.709	1.527	0.020	-1.696	-3.441
761	7.60	-5.012	-6.226	-6.966	-7.205	-7.010	-6.516	-5.884	-5.244	-4.653	-4.079
771	7.70	-3.414	-2.525	-1.317	0.211	1.941	3.661	5.122	6.124	6.585	6.542
781	7.80	6.233	5.816	5.487	5.310	5.217	5.048	4.627	3.839	2.684	1.278
791	7.90	-0.192	-1.533	-2.617	-3.397	-3.904	-4.199	-4.336	-4.328	-4.156	-3.795
801	8.00	-3.267	-2.557	-1.805	-1.078	-0.439	0.096	0.549	0.960	1.353	1.719
811	8.10	2.013	2.177	2.164	1.957	1.565	1.011	0.311	-0.528	-1.496	-2.556
821	8.20	-3.619	-4.567	-5.180	-5.391	-5.134	-4.475	-3.575	-2.638	-1.837	-1.257
831	8.30	-0.877	-0.592	-0.277	0.151	0.695	1.278	1.780	2.100	2.194	2.087
841	8.40	1.858	1.599	1.374	1.210	1.097	1.013	0.945	0.896	0.882	0.908
851	8.50	0.959	0.997	0.983	0.889	0.717	0.496	0.271	0.077	-0.065	-0.154
861	8.60	-0.194	-0.180	-0.091	0.094	0.386	0.768	1.196	1.613	1.977	2.273
871	8.70	2.508	2.686	2.777	2.704	2.358	1.651	0.575	-0.768	-2.168	-3.381
881	8.80	-4.212	-4.598	-4.625	-4.473	-4.317	-4.217	-4.065	-3.626	-2.648	-1.003
891	8.90	1.207	3.652	5.870	7.441	8.140	8.018	7.354	6.511	5.759	5.154
901	9.00	4.521	3.566	2.042	-0.091	-2.610	-5.090	-7.067	-8.219	-8.492	-8.102
911	9.10	-7.433	-6.859	-6.587	-6.584	-6.613	-6.353	-5.551	-4.133	-2.235	-0.141
921	9.20	1.817	3.370	4.384	4.860	4.900	4.666	4.222	3.715	3.170	2.610
931	9.30	2.042	1.474	0.904	0.332	-0.241	-0.797	-1.299	-1.697	-1.941	-2.008
941	9.40	-1.919	-1.733	-1.527	-1.358	-1.238	-1.122	-0.932	-0.593	-0.075	0.587
951	9.50	1.304	1.963	2.478	2.814	2.995	3.082	3.133	3.173	3.184	3.120
961	9.60	2.933	2.605	2.154	1.630	1.085	0.553	0.038	-0.474	-0.996	-1.515
971	9.70	-1.989	-2.360	-2.573	-2.606	-2.474	-2.222	-1.899	-1.531	-1.114	-0.621
981	9.80	-0.031	0.640	1.325	1.917	2.303	2.402	2.197	1.746	1.156	0.545
991	9.90	0.001	-0.446	-0.814	-1.155	-1.512	-1.896	-2.276	-2.591	-2.778	-2.799

Table 7-97-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1289 905-PI-1-431 HA. (HA.) OCHIAI BRIDGE MAX. ACC. = -86.985 (GAL) T= 0.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-2.652	-2.376	-2.029	-1.665	-1.316	-0.982	-0.641	-0.258	0.192	0.712
1011	10.10	1.279	1.863	2.344	2.721	2.932	2.958	2.809	2.522	2.147	1.736
1021	10.20	1.330	0.949	0.599	0.273	-0.033	-0.313	-0.548	-0.716	-0.798	-0.794
1031	10.30	-0.721	-0.612	-0.502	-0.411	-0.342	-0.276	-0.189	-0.063	0.097	0.269
1041	10.40	0.618	0.512	0.538	0.506	0.442	0.372	0.312	0.257	0.186	0.074
1051	10.50	-0.092	-0.306	-0.540	-0.763	-0.948	-1.086	-1.183	-1.255	-1.311	-1.346
1061	10.60	-1.336	-1.250	-1.070	-0.796	-0.459	-0.112	0.190	0.402	0.505	0.506
1071	10.70	0.430	0.310	0.171	0.029	-0.107	-0.232	-0.332	-0.391	-0.390	-0.315
1081	10.80	-0.170	0.026	0.241	0.435	0.578	0.649	0.646	0.577	0.463	0.324
1091	10.90	0.181	0.049	-0.060	-0.141	-0.195	-0.229	-0.258	-0.301	-0.372	-0.474
1101	11.00	-0.594	-0.702	-0.754	-0.706	-0.532	-0.233	0.159	0.583	0.969	1.258
1111	11.10	1.421	1.467	1.437	1.384	1.350	1.348	1.355	1.323	1.200	0.956
1121	11.20	0.597	0.168	-0.265	-0.638	-0.915	-1.095	-1.205	-1.289	-1.378	-1.480
1131	11.30	-1.575	-1.632	-1.622	-1.534	-1.382	-1.198	-1.013	-0.852	-0.719	-0.607
1141	11.40	-0.505	-0.408	-0.320	-0.248	-0.195	-0.153	-0.100	-0.014	0.117	0.280
1151	11.50	0.440	0.549	0.566	0.477	0.306	0.109	-0.040	-0.077	0.033	0.282
1161	11.60	0.626	0.995	1.322	1.555	1.676	1.702	1.671	1.636	1.637	1.695
1171	11.70	1.800	1.912	1.978	1.949	1.800	1.543	1.224	0.908	0.652	0.480
1181	11.80	0.370	0.259	0.073	-0.240	-0.682	-1.194	-1.674	-2.015	-2.142	-2.048
1191	11.90	-1.794	-1.484	-1.226	-1.088	-1.078	-1.141	-1.193	-1.157	-0.994	-0.718
1201	12.00	-0.386	-0.075	0.151	0.262	0.263	0.183	0.060	-0.077	-0.214	-0.346
1211	12.10	-0.470	-0.572	-0.625	-0.600	-0.473	-0.240	0.076	0.429	0.760	1.011
1221	12.20	1.140	1.127	0.981	0.729	0.414	0.080	-0.228	-0.480	-0.662	-0.774
1231	12.30	-0.833	-0.863	-0.889	-0.926	-0.972	-1.012	-1.013	-0.942	-0.776	-0.507
1241	12.40	-0.150	0.259	0.677	1.062	1.379	1.612	1.757	1.825	1.832	1.799
1251	12.50	1.745	1.688	1.637	1.589	1.524	1.407	1.191	0.838	0.336	-0.289
1261	12.60	-0.968	-1.607	-2.107	-2.403	-2.481	-2.379	-2.171	-1.933	-1.712	-1.505
1271	12.70	-1.277	-0.979	-0.591	-0.143	0.293	0.623	0.783	0.763	0.626	0.473
1281	12.80	0.404	0.462	0.611	0.746	0.738	0.498	0.020	-0.610	-1.241	-1.722
1291	12.90	-1.959	-1.954	-1.795	-1.611	-1.510	-1.535	-1.646	-1.740	-1.704	-1.463
1301	13.00	-1.010	-0.404	0.256	0.876	1.393	1.790	2.085	2.308	2.479	2.598
1311	13.10	2.647	2.606	2.461	2.216	1.889	1.508	1.103	0.706	0.351	0.069
1321	13.20	-0.112	-0.180	-0.141	-0.031	0.101	0.201	0.235	0.196	0.106	0.007
1331	13.30	-0.064	-0.090	-0.078	-0.053	-0.045	-0.069	-0.124	-0.189	-0.240	-0.266
1341	13.40	-0.269	-0.265	-0.273	-0.303	-0.349	-0.396	-0.424	-0.425	-0.405	-0.361
1351	13.50	-0.370	-0.381	-0.409	-0.438	-0.456	-0.455	-0.445	-0.441	-0.454	-0.484
1361	13.60	-0.513	-0.514	-0.467	-0.366	-0.226	-0.078	0.046	0.128	0.173	0.204
1371	13.70	0.247	0.320	0.423	0.535	0.632	0.696	0.733	0.764	0.818	0.914
1381	13.80	1.046	1.182	1.277	1.288	1.198	1.020	0.796	0.580	0.412	0.304
1391	13.90	0.241	0.182	0.085	-0.077	-0.303	-0.570	-0.841	-1.084	-1.285	-1.451
1401	14.00	-1.606	-1.775	-1.971	-2.183	-2.379	-2.512	-2.536	-2.419	-2.152	-1.749
1411	14.10	-1.246	-0.687	-0.117	0.425	0.911	1.318	1.634	1.850	1.967	1.990
1421	14.20	1.935	1.822	1.674	1.512	1.351	1.197	1.048	0.898	0.743	0.586
1431	14.30	0.433	0.299	0.200	0.151	0.162	0.232	0.352	0.502	0.652	0.770
1441	14.40	0.825	0.796	0.675	0.475	0.228	-0.026	-0.244	-0.402	-0.495	-0.548
1451	14.50	-0.602	-0.703	-0.882	-1.141	-1.449	-1.745	-1.959	-2.032	-1.932	-1.668
1461	14.60	-1.282	-0.836	-0.390	0.012	0.356	0.653	0.924	1.183	1.428	1.636
1471	14.70	1.771	1.798	1.701	1.487	1.183	0.824	0.437	0.033	-0.394	-0.851
1481	14.80	-1.334	-1.812	-2.231	-2.528	-2.653	-2.591	-2.374	-2.065	-1.739	-1.453
1491	14.90	-1.222	-1.024	-0.808	-0.529	-0.170	0.240	0.639	0.954	1.131	1.155

Table 7-97-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1289 905-PI-1-431 HA. (HA.) OCHIAI BRIDGE MAX. ACC. = -86.985 (GAL) T= 0.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.054	0.883	0.700	0.538	0.398	0.253	0.070	-0.169	-0.454	-0.745
1511	15.10	-0.991	-1.147	-1.198	-1.161	-1.076	-0.994	-0.948	-0.946	-0.967	-0.965
1521	15.20	-0.891	-0.709	-0.406	0.000	0.467	0.938	1.356	1.674	1.870	1.948
1531	15.30	1.932	1.862	1.776	1.701	1.642	1.582	1.489	1.331	1.088	0.761
1541	15.40	0.377	-0.022	-0.387	-0.678	-0.873	-0.970	-0.981	-0.930	-0.838	-0.722
1551	15.50	-0.589	-0.443	-0.281	-0.106	0.080	0.269	0.451	0.613	0.745	0.841
1561	15.60	0.899	0.923	0.928	0.930	0.948	0.995	1.076	1.179	1.279	1.341
1571	15.70	1.331	1.227	1.025	0.750	0.444	0.157	-0.069	-0.217	-0.300	-0.359
1581	15.80	-0.444	-0.596	-0.822	-1.094	-1.351	-1.524	-1.560	-1.444	-1.206	-0.909
1591	15.90	-0.622	-0.399	-0.257	-0.174	-0.109	-0.022	0.105	0.266	0.434	0.581
1601	16.00	0.697	0.797	0.907	1.054	1.237	1.426	1.566	1.604	1.506	1.283
1611	16.10	0.980	0.666	0.400	0.211	0.088	-0.006	-0.116	-0.266	-0.455	-0.652
1621	16.20	-0.823	-0.944	-1.017	-1.067	-1.126	-1.214	-1.325	-1.426	-1.475	-1.441
1631	16.30	-1.317	-1.130	-0.926	-0.752	-0.636	-0.576	-0.548	-0.517	-0.457	-0.362
1641	16.40	-0.245	-0.131	-0.038	0.029	0.081	0.138	0.215	0.314	0.422	0.522
1651	16.50	0.600	0.656	0.705	0.771	0.869	0.996	1.128	1.224	1.244	1.163
1661	16.60	0.983	0.736	0.471	0.239	0.069	-0.032	-0.088	-0.137	-0.216	-0.347
1671	16.70	-0.526	-0.726	-0.906	-1.027	-1.065	-1.018	-0.906	-0.762	-0.622	-0.512
1681	16.80	-0.442	-0.405	-0.384	-0.360	-0.321	-0.266	-0.203	-0.142	-0.091	-0.050
1691	16.90	-0.011	0.034	0.092	0.158	0.217	0.252	0.249	0.205	0.131	0.050
1701	17.00	-0.016	-0.053	-0.061	-0.054	-0.050	-0.064	-0.101	-0.151	-0.198	-0.227
1711	17.10	-0.235	-0.230	-0.229	-0.247	-0.290	-0.353	-0.425	-0.496	-0.566	-0.666
1721	17.20	-0.744	-0.864	-0.986	-1.076	-1.091	-1.001	-0.803	-0.532	-0.242	0.007
1731	17.30	0.177	0.268	0.314	0.370	0.477	0.651	0.867	1.080	1.243	1.330
1741	17.40	1.347	1.325	1.301	1.294	1.294	1.269	1.180	1.009	0.765	0.488
1751	17.50	0.225	0.011	-0.149	-0.281	-0.425	-0.610	-0.836	-1.068	-1.248	-1.321
1761	17.60	-1.252	-1.046	-0.735	-0.369	0.005	0.356	0.670	0.938	1.153	1.302
1771	17.70	1.369	1.349	1.255	1.116	0.971	0.850	0.765	0.705	0.641	0.543
1781	17.80	0.395	0.199	-0.023	-0.246	-0.448	-0.620	-0.763	-0.875	-0.951	-0.975
1791	17.90	-0.931	-0.813	-0.635	-0.430	-0.240	-0.098	-0.014	0.028	0.062	0.123
1801	18.00	0.224	0.352	0.471	0.537	0.521	0.420	0.261	0.088	-0.056	-0.149
1811	18.10	-0.193	-0.208	-0.222	-0.253	-0.303	-0.356	-0.393	-0.398	-0.370	-0.324
1821	18.20	-0.282	-0.263	-0.275	-0.315	-0.365	-0.407	-0.427	-0.419	-0.386	-0.335
1831	18.30	-0.269	-0.187	-0.087	0.035	0.175	0.318	0.446	0.542	0.600	0.631
1841	18.40	0.665	0.732	0.853	1.021	1.197	1.321	1.332	1.194	0.916	0.550
1851	18.50	0.177	-0.127	-0.323	-0.423	-0.485	-0.580	-0.760	-1.027	-1.326	-1.575
1861	18.60	-1.698	-1.669	-1.523	-1.347	-1.234	-1.240	-1.353	-1.493	-1.546	-1.419
1871	18.70	-1.085	-0.600	-0.084	0.328	0.540	0.531	0.359	0.131	-0.046	-0.105
1881	18.80	-0.042	0.093	0.231	0.316	0.328	0.289	0.242	0.227	0.260	0.330
1891	18.90	0.409	0.469	0.494	0.490	0.476	0.475	0.498	0.543	0.600	0.651
1901	19.00	0.688	0.706	0.711	0.711	0.718	0.739	0.779	0.844	0.930	1.027
1911	19.10	1.113	1.159	1.136	1.021	0.812	0.527	0.203	-0.114	-0.385	-0.582
1921	19.20	-0.698	-0.744	-0.737	-0.698	-0.645	-0.590	-0.539	-0.497	-0.462	-0.430
1931	19.30	-0.390	-0.335	-0.256	-0.156	-0.047	0.055	0.130	0.166	0.160	0.122
1941	19.40	0.064	-0.002	-0.069	-0.134	-0.197	-0.255	-0.302	-0.332	-0.343	-0.344
1951	19.50	-0.351	-0.385	-0.453	-0.546	-0.634	-0.680	-0.654	-0.547	-0.378	-0.185
1961	19.60	-0.010	0.121	0.211	0.286	0.379	0.506	0.656	0.786	0.845	0.797
1971	19.70	0.639	0.409	0.170	-0.018	-0.125	-0.161	-0.171	-0.211	-0.315	-0.477
1981	19.80	-0.653	-0.776	-0.796	-0.684	-0.463	-0.180	0.104	0.344	0.524	0.649
1991	19.90	0.735	0.793	0.823	0.813	0.761	0.675	0.583	0.521	0.514	0.564

Table 7-97-5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1289 905-PI-1-431 HA. (HA.) OCHIAI BRIDGE MAX. ACC. = -86.985 (GAL) T= 0.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.663	0.706	0.708	0.630	0.484	0.303	0.131	-0.008	-0.118	-0.224
2011	20.10	-0.355	-0.520	-0.698	-0.836	-0.875	-0.781	-0.560	-0.266	0.017	0.212
2021	20.20	0.276	0.214	0.077	-0.064	-0.153	-0.166	-0.120	-0.053	-0.006	-0.002
2031	20.30	-0.034	-0.077	-0.106	-0.108	-0.093	-0.087	-0.114	-0.183	-0.282	-0.384
2041	20.40	-0.458	-0.492	-0.493	-0.487	-0.504	-0.562	-0.653	-0.750	-0.817	-0.824
2051	20.50	-0.764	-0.654	-0.526	-0.412	-0.331	-0.284	-0.253	-0.220	-0.171	-0.106
2061	20.60	-0.033	0.032	0.083	0.121	0.160	0.208	0.272	0.346	0.416	0.471
2071	20.70	0.509	0.537	0.575	0.637	0.724	0.821	0.895	0.913	0.853	0.719
2081	20.80	0.537	0.348	0.192	0.090	0.038	0.009	-0.030	-0.106	-0.223	-0.365
2091	20.90	-0.497	-0.587	-0.613	-0.574	-0.489	-0.383	-0.283	-0.204	-0.151	-0.118
2101	21.00	-0.095	-0.073	-0.047	-0.014	0.025	0.071	0.119	0.167	0.208	0.239
2111	21.10	0.263	0.285	0.319	0.371	0.437	0.499	0.524	0.479	0.346	0.134
2121	21.20	-0.116	-0.339	-0.475	-0.486	-0.372	-0.174	0.047	0.235	0.359	0.429
2131	21.30	0.480	0.552	0.663	0.800	0.919	0.965	0.903	0.734	0.497	0.252
2141	21.40	0.054	-0.069	-0.130	-0.166	-0.224	-0.327	-0.470	-0.622	-0.745	-0.816
2151	21.50	-0.839	-0.845	-0.873	-0.949	-1.069	-1.201	-1.298	-1.319	-1.250	-1.107
2161	21.60	-0.931	-0.763	-0.634	-0.549	-0.493	-0.442	-0.377	-0.295	-0.204	-0.121
2171	21.70	-0.058	-0.019	0.000	0.005	0.001	-0.011	-0.025	-0.031	-0.012	0.052
2181	21.80	0.173	0.341	0.527	0.686	0.776	0.771	0.679	0.533	0.381	0.261
2191	21.90	0.193	0.168	0.160	0.145	0.113	0.077	0.062	0.090	0.167	0.274
2201	22.00	0.379	0.451	0.477	0.468	0.454	0.463	0.511	0.590	0.671	0.725
2211	22.10	0.739	0.724	0.710	0.732	0.804	0.914	1.020	1.068	1.020	0.868
2221	22.20	0.637	0.377	0.137	-0.057	-0.206	-0.338	-0.485	-0.659	-0.847	-1.005
2231	22.30	-1.081	-1.036	-0.863	-0.594	-0.288	-0.012	0.183	0.275	0.280	0.235
2241	22.40	0.191	0.184	0.234	0.335	0.462	0.581	0.659	0.678	0.632	0.528
2251	22.50	0.387	0.227	0.064	-0.092	-0.240	-0.380	-0.511	-0.624	-0.706	-0.741
2261	22.60	-0.716	-0.633	-0.507	-0.364	-0.235	-0.142	-0.091	-0.069	-0.053	-0.020
2271	22.70	0.042	0.125	0.205	0.248	0.229	0.140	-0.001	-0.160	-0.298	-0.386
2281	22.80	-0.419	-0.417	-0.415	-0.449	-0.535	-0.662	-0.794	-0.881	-0.879	-0.768
2291	22.90	-0.565	-0.311	-0.062	0.137	0.269	0.349	0.415	0.507	0.645	0.819
2301	23.00	0.989	1.104	1.126	1.046	0.891	0.765	0.532	0.387	0.253	0.087
2311	23.10	-0.150	-0.468	-0.830	-1.155	-1.351	-1.346	-1.126	-0.743	-0.299	0.091
2321	23.20	0.345	0.441	0.421	0.365	0.355	0.432	0.583	0.746	0.843	0.813
2331	23.30	0.643	0.371	0.069	-0.187	-0.350	-0.419	-0.431	-0.445	-0.511	-0.651
2341	23.40	-0.850	-1.065	-1.241	-1.337	-1.337	-1.251	-1.109	-0.949	-0.799	-0.676
2351	23.50	-0.582	-0.510	-0.447	-0.387	-0.325	-0.261	-0.195	-0.126	-0.052	0.028
2361	23.60	0.114	0.204	0.287	0.353	0.394	0.405	0.388	0.354	0.315	0.283
2371	23.70	0.267	0.267	0.279	0.295	0.307	0.310	0.305	0.297	0.289	0.287
2381	23.80	0.290	0.295	0.300	0.303	0.302	0.299	0.297	0.296	0.296	0.296
2391	23.90	0.296	0.296	0.299	0.307	0.316	0.319	0.302	0.253	0.164	0.037
2401	24.00	-0.114	-0.265	-0.389	-0.463	-0.474	-0.424	-0.327	-0.205	-0.082	0.025
2411	24.10	0.104	0.156	0.187	0.210	0.238	0.281	0.344	0.424	0.509	0.585
2421	24.20	0.635	0.644	0.610	0.538	0.445	0.348	0.265	0.206	0.168	0.144
2431	24.30	0.121	0.089	0.044	-0.010	-0.065	-0.114	-0.154	-0.187	-0.220	-0.260
2441	24.40	-0.308	-0.362	-0.415	-0.460	-0.490	-0.503	-0.501	-0.491	-0.477	-0.465
2451	24.50	-0.462	-0.470	-0.490	-0.519	-0.547	-0.560	-0.542	-0.481	-0.372	-0.228
2461	24.60	-0.070	0.075	0.187	0.258	0.300	0.337	0.394	0.489	0.618	0.762
2471	24.70	0.886	0.959	0.961	0.893	0.770	0.618	0.463	0.323	0.207	0.115
2481	24.80	0.046	-0.005	-0.046	-0.085	-0.136	-0.211	-0.315	-0.437	-0.554	-0.629
2491	24.90	-0.633	-0.551	-0.394	-0.198	-0.005	0.148	0.249	0.312	0.370	0.455

Table 7-97-6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1289 905-PI-1-431 HA. (HA.) OCHIAI BRIDGE MAX. ACC. = -86.985 (GAL) T= 0.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.576	0.717	0.836	0.885	0.832	0.677	0.453	0.212	0.006	-0.134
2511	25.10	-0.205	-0.237	-0.268	-0.333	-0.449	-0.607	-0.779	-0.925	-1.011	-1.012
2521	25.20	-0.917	-0.735	-0.487	-0.206	0.069	0.299	0.459	0.539	0.550	0.516
2531	25.30	0.470	0.435	0.418	0.413	0.402	0.368	0.303	0.211	0.104	-0.009
2541	25.40	-0.127	-0.259	-0.417	-0.602	-0.801	-0.984	-1.115	-1.163	-1.118	-0.995
2551	25.50	-0.826	-0.647	-0.485	-0.354	-0.248	-0.158	-0.076	0.001	0.073	0.144
2561	25.60	0.221	0.318	0.445	0.594	0.739	0.838	0.853	0.765	0.587	0.361
2571	25.70	0.143	-0.024	-0.126	-0.186	-0.247	-0.346	-0.493	-0.659	-0.789	-0.822
2581	25.80	-0.727	-0.510	-0.220	0.075	0.318	0.484	0.587	0.664	0.758	0.891
2591	25.90	1.059	1.235	1.383	1.478	1.512	1.490	1.422	1.313	1.159	0.954
2601	26.00	0.699	0.410	0.115	-0.158	-0.391	-0.589	-0.778	-0.985	-1.222	-1.473
2611	26.10	-1.693	-1.825	-1.824	-1.682	-1.432	-1.142	-0.883	-0.706	-0.623	-0.604
2621	26.20	-0.597	-0.554	-0.449	-0.290	-0.108	0.058	0.181	0.254	0.288	0.300
2631	26.30	0.297	0.274	0.218	0.117	-0.022	-0.172	-0.290	-0.337	-0.290	-0.157
2641	26.40	0.025	0.211	0.361	0.460	0.521	0.576	0.658	0.781	0.933	1.080
2651	26.50	1.177	1.190	1.110	0.956	0.764	0.577	0.423	0.310	0.230	0.162
2661	26.60	0.091	0.009	-0.081	-0.171	-0.257	-0.343	-0.436	-0.544	-0.664	-0.781
2671	26.70	-0.870	-0.904	-0.867	-0.763	-0.612	-0.448	-0.302	-0.195	-0.130	-0.095
2681	26.80	-0.068	-0.031	0.026	0.106	0.199	0.295	0.385	0.459	0.511	0.533
2691	26.90	0.522	0.477	0.406	0.323	0.244	0.187	0.157	0.148	0.148	0.140
2701	27.00	0.113	0.068	0.016	-0.029	-0.056	-0.068	-0.075	-0.092	-0.129	-0.184
2711	27.10	-0.243	-0.283	-0.286	-0.245	-0.170	-0.080	0.004	0.069	0.114	0.147
2721	27.20	0.181	0.221	0.266	0.310	0.347	0.379	0.415	0.466	0.534	0.608
2731	27.30	0.662	0.665	0.598	0.458	0.269	0.071	-0.097	-0.215	-0.285	-0.334
2741	27.40	-0.395	-0.490	-0.618	-0.754	-0.862	-0.914	-0.903	-0.851	-0.796	-0.777
2751	27.50	-0.812	-0.891	-0.980	-1.034	-1.022	-0.935	-0.793	-0.631	-0.485	-0.375
2761	27.60	-0.299	-0.239	-0.173	-0.087	0.013	0.110	0.180	0.207	0.189	0.143
2771	27.70	0.091	0.056	0.050	0.070	0.103	0.132	0.146	0.145	0.134	0.125
2781	27.80	0.126	0.138	0.158	0.176	0.187	0.189	0.185	0.181	0.183	0.193
2791	27.90	0.209	0.226	0.238	0.242	0.238	0.230	0.221	0.215	0.212	0.211
2801	28.00	0.209	0.206	0.200	0.194	0.190	0.187	0.188	0.189	0.188	0.185
2811	28.10	0.180	0.174	0.168	0.165	0.165	0.166	0.167	0.165	0.160	0.154
2821	28.20	0.148	0.145	0.144	0.146	0.146	0.145	0.141	0.135	0.129	0.126
2831	28.30	0.125	0.126	0.127	0.126	0.122	0.116	0.111	0.107	0.107	0.108
2841	28.40	0.109	0.109	0.105	0.099	0.094	0.090	0.090	0.092	0.093	0.092
2851	28.50	0.088	0.083	0.078	0.075	0.075	0.077	0.079	0.078	0.073	0.067
2861	28.60	0.062	0.060	0.061	0.064	0.066	0.064	0.059	0.053	0.048	0.046
2871	28.70	0.049	0.053	0.056	0.054	0.047	0.038	0.032	0.032	0.038	0.047
2881	28.80	0.054	0.051	0.035	0.006	-0.034	-0.080	-0.126	-0.168	-0.206	-0.239
2891	28.90	-0.268	-0.294	-0.319	-0.345	-0.375	-0.409	-0.448	-0.487	-0.522	-0.548
2901	29.00	-0.568	-0.586	-0.611	-0.651	-0.705	-0.762	-0.802	-0.802	-0.746	-0.631
2911	29.10	-0.474	-0.306	-0.158	-0.052	0.009	0.043	0.079	0.145	0.252	0.388
2921	29.20	0.524	0.622	0.653	0.609	0.505	0.373	0.249	0.157	0.103	0.076
2931	29.30	0.055	0.024	-0.026	-0.088	-0.148	-0.197	-0.232	-0.262	-0.301	-0.359
2941	29.40	-0.436	-0.514	-0.567	-0.570	-0.509	-0.388	-0.229	-0.061	0.090	0.208
2951	29.50	0.294	0.358	0.409	0.453	0.486	0.499	0.488	0.456	0.418	0.393
2961	29.60	0.396	0.427	0.469	0.494	0.478	0.411	0.304	0.186	0.090	0.036
2971	29.70	0.021	0.023	0.008	-0.046	-0.135	-0.231	-0.287	-0.267	-0.157	0.017
2981	29.80	0.204	0.349	0.419	0.418	0.387	0.381	0.444	0.580	0.753	0.902
2991	29.90	0.963	0.904	0.735	0.500	0.260	0.058	-0.095	-0.220	-0.354	-0.523

Table 7-97-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1289 905-PI-1-431 HA. (HA.) OCHIAI BRIDGE MAX. ACC. = -86.985 (GAL) T= 0.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.721	-0.911	-1.039	-1.057	-0.948	-0.734	-0.461	-0.186	0.055	0.248
3011	30.10	0.406	0.545	0.675	0.782	0.842	0.828	0.733	0.573	0.388	0.220
3021	30.20	0.100	0.033	0.002	-0.021	-0.058	-0.119	-0.196	-0.276	-0.351	-0.426
3031	30.30	-0.515	-0.630	-0.767	-0.902	-0.994	-1.003	-0.907	-0.714	-0.458	-0.186
3041	30.40	0.058	0.253	0.403	0.524	0.633	0.729	0.798	0.813	0.754	0.622
3051	30.50	0.442	0.258	0.112	0.030	0.009	0.021	0.023	-0.018	-0.118	-0.267
3061	30.60	-0.433	-0.579	-0.674	-0.702	-0.664	-0.575	-0.452	-0.310	-0.159	-0.002
3071	30.70	0.153	0.297	0.414	0.488	0.503	0.455	0.350	0.211	0.063	-0.067
3081	30.80	-0.161	-0.214	-0.240	-0.259	-0.295	-0.360	-0.455	-0.562	-0.658	-0.716
3091	30.90	-0.720	-0.671	-0.579	-0.467	-0.355	-0.258	-0.181	-0.122	-0.075	-0.035
3101	31.00	0.003	0.043	0.088	0.144	0.212	0.293	0.376	0.448	0.491	0.494
3111	31.10	0.451	0.372	0.270	0.164	0.069	-0.011	-0.074	-0.125	-0.167	-0.204
3121	31.20	-0.239	-0.276	-0.323	-0.389	-0.475	-0.573	-0.660	-0.708	-0.692	-0.601
3131	31.30	-0.445	-0.253	-0.060	0.105	0.233	0.335	0.432	0.540	0.659	0.767
3141	31.40	0.829	0.811	0.702	0.516	0.296	0.091	-0.057	-0.134	-0.156	-0.160
3151	31.50	-0.185	-0.258	-0.381	-0.535	-0.684	-0.796	-0.849	-0.836	-0.765	-0.653
3161	31.60	-0.518	-0.376	-0.241	-0.123	-0.029	0.040	0.088	0.127	0.172	0.237
3171	31.70	0.330	0.446	0.569	0.675	0.739	0.745	0.689	0.579	0.434	0.280
3181	31.80	0.139	0.025	-0.054	-0.104	-0.138	-0.175	-0.230	-0.313	-0.422	-0.543
3191	31.90	-0.651	-0.722	-0.738	-0.693	-0.598	-0.476	-0.354	-0.252	-0.182	-0.139
3201	32.00	-0.109	-0.078	-0.035	0.023	0.089	0.153	0.208	0.254	0.295	0.342
3211	32.10	0.398	0.466	0.535	0.593	0.626	0.627	0.598	0.550	0.498	0.455
3221	32.20	0.431	0.426	0.432	0.439	0.439	0.428	0.408	0.385	0.366	0.355
3231	32.30	0.351	0.350	0.347	0.339	0.324	0.306	0.288	0.276	0.269	0.265
3241	32.40	0.261	0.253	0.241	0.225	0.209	0.196	0.186	0.180	0.175	0.169
3251	32.50	0.160	0.147	0.132	0.116	0.100	0.082	0.063	0.042	0.020	-0.003
3261	32.60	-0.024	-0.043	-0.060	-0.076	-0.093	-0.110	-0.129	-0.148	-0.168	-0.188
3271	32.70	-0.207	-0.226	-0.245	-0.263	-0.279	-0.294	-0.311	-0.330	-0.353	-0.379
3281	32.80	-0.404	-0.423	-0.430	-0.423	-0.404	-0.376	-0.348	-0.325	-0.309	-0.301
3291	32.90	-0.296	-0.291	-0.282	-0.270	-0.257	-0.244	-0.234	-0.224	-0.215	-0.204
3301	33.00	-0.192	-0.179	-0.169	-0.161	-0.154	-0.145	-0.134	-0.119	-0.104	-0.091
3311	33.10	-0.084	-0.081	-0.078	-0.071	-0.053	-0.024	0.015	0.058	0.099	0.135
3321	33.20	0.165	0.192	0.219	0.243	0.264	0.278	0.282	0.281	0.278	0.282
3331	33.30	0.295	0.318	0.343	0.364	0.376	0.378	0.377	0.380	0.394	0.418
3341	33.40	0.446	0.468	0.477	0.473	0.465	0.466	0.485	0.521	0.563	0.589
3351	33.50	0.579	0.522	0.421	0.294	0.169	0.072	0.017	0.006	0.023	0.051
3361	33.60	0.070	0.070	0.051	0.022	-0.006	-0.028	-0.041	-0.049	-0.059	-0.073
3371	33.70	-0.093	-0.115	-0.136	-0.153	-0.165	-0.175	-0.188	-0.205	-0.227	-0.250
3381	33.80	-0.271	-0.286	-0.296	-0.305	-0.318	-0.337	-0.363	-0.389	-0.411	-0.425
3391	33.90	-0.432	-0.435	-0.445	-0.466	-0.499	-0.539	-0.573	-0.587	-0.570	-0.519
3401	34.00	-0.438	-0.340	-0.238	-0.144	-0.063	0.002	0.054	0.098	0.139	0.185
3411	34.10	0.241	0.311	0.396	0.486	0.567	0.622	0.631	0.586	0.489	0.358
3421	34.20	0.215	0.085	-0.019	-0.092	-0.140	-0.174	-0.202	-0.223	-0.234	-0.229
3431	34.30	-0.208	-0.177	-0.151	-0.142	-0.154	-0.183	-0.216	-0.238	-0.241	-0.227
3441	34.40	-0.209	-0.200	-0.209	-0.233	-0.263	-0.283	-0.286	-0.273	-0.256	-0.249
3451	34.50	-0.259	-0.285	-0.315	-0.334	-0.335	-0.320	-0.302	-0.295	-0.307	-0.337
3461	34.60	-0.370	-0.390	-0.388	-0.368	-0.345	-0.336	-0.352	-0.389	-0.432	-0.458
3471	34.70	-0.453	-0.417	-0.362	-0.310	-0.273	-0.254	-0.239	-0.214	-0.167	-0.105
3481	34.80	-0.044	-0.007	-0.001	-0.016	-0.025	-0.000	0.069	0.164	0.238	0.235
3491	34.90	0.120	-0.099	-0.362	-0.578	-0.657	-0.547	-0.264	0.115	0.477	0.716

Table 7-98-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1290 90S-PI-1-431 U-D (U-D) OCHIAI BRIDGE MAX. ACC. = -12.504 (GAL) T= 0.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.767	2.488	3.764	4.361	4.324	3.897	3.373	2.947	2.664	2.471
11	0.10	2.321	2.251	2.371	2.759	3.327	3.756	3.560	2.285	-0.248	-3.777
21	0.20	-7.600	-10.788	-12.504	-12.317	-10.356	-7.251	-3.879	-1.044	0.784	1.556
31	0.30	1.556	1.203	0.839	0.609	0.470	0.279	-0.080	-0.619	-1.235	-1.764
41	0.40	-2.047	-1.993	-1.587	-0.894	-0.053	0.834	1.526	1.879	1.797	1.307
51	0.50	0.568	-0.165	-0.652	-0.791	-0.686	-0.626	-0.941	-1.809	-3.104	-4.380
61	0.60	-5.018	-4.498	-2.661	0.168	3.262	5.774	7.079	7.027	5.978	4.597
71	0.70	3.523	3.058	3.044	2.983	2.338	0.861	-1.231	-3.309	-4.611	-4.594
81	0.80	-3.202	-0.908	1.483	3.179	3.719	3.137	1.893	0.629	-0.131	-0.188
91	0.90	0.291	0.914	1.275	1.147	0.558	-0.261	-1.025	-1.531	-1.731	-1.715
101	1.00	-1.618	-1.524	-1.413	-1.183	-0.723	0.013	0.957	1.950	2.799	3.358
111	1.10	3.575	3.495	3.219	2.849	2.442	1.999	1.484	0.872	0.179	-0.522
121	1.20	-1.119	-1.494	-1.569	-1.339	-0.872	-0.305	0.200	0.493	0.480	0.141
131	1.30	-0.460	-1.197	-1.916	-2.479	-2.797	-2.849	-2.676	-2.355	-1.962	-1.544
141	1.40	-1.103	-0.606	-0.014	0.693	1.489	2.300	3.022	3.549	3.809	3.778
151	1.50	3.492	3.021	2.455	1.866	1.301	0.773	0.274	-0.206	-0.661	-1.067
161	1.60	-1.383	-1.564	-1.585	-1.446	-1.181	-0.841	-0.484	-0.153	0.128	0.357
171	1.70	0.545	0.700	0.826	0.915	0.953	0.930	0.837	0.672	0.436	0.133
181	1.80	-0.230	-0.627	-1.018	-1.344	-1.545	-1.572	-1.418	-1.120	-0.751	-0.404
191	1.90	-0.154	-0.038	-0.045	-0.128	-0.234	-0.320	-0.371	-0.396	-0.412	-0.433
201	2.00	-0.463	-0.509	-0.597	-0.772	-1.094	-1.605	-2.290	-3.060	-3.755	-4.189
211	2.10	-4.208	-3.751	-2.876	-1.746	-0.572	0.453	1.209	1.672	1.889	1.939
221	2.20	1.883	1.750	1.539	1.252	0.919	0.609	0.412	0.402	0.604	0.982
231	2.30	1.454	1.929	2.342	2.671	2.926	3.110	3.189	3.080	2.673	1.888
241	2.40	0.728	-0.686	-2.134	-3.356	-4.137	-4.378	-4.133	-3.579	-2.949	-2.443
251	2.50	-2.167	-2.112	-2.181	-2.256	-2.259	-2.183	-2.085	-2.043	-2.099	-2.220
261	2.60	-2.301	-2.197	-1.788	-1.034	-0.001	1.147	2.201	2.973	3.356	3.350
271	2.70	3.057	2.639	2.261	2.035	1.992	2.083	2.199	2.224	2.075	1.736
281	2.80	1.262	0.760	0.350	0.117	0.081	0.187	0.325	0.377	0.260	-0.034
291	2.90	-0.435	-0.821	-1.070	-1.109	-0.952	-0.688	-0.451	-0.353	-0.437	-0.650
301	3.00	-0.867	-0.939	-0.756	-0.301	0.342	1.013	1.544	1.810	1.779	1.514
311	3.10	1.139	0.788	0.556	0.470	0.494	0.556	0.586	0.548	0.443	0.307
321	3.20	0.182	0.096	0.054	0.036	0.015	-0.022	-0.071	-0.108	-0.104	-0.041
331	3.30	0.078	0.222	0.349	0.422	0.426	0.379	0.325	0.313	0.376	0.508
341	3.40	0.663	0.771	0.760	0.589	0.267	-0.141	-0.543	-0.846	-0.989	-0.966
351	3.50	-0.819	-0.620	-0.440	-0.325	-0.279	-0.275	-0.271	-0.234	-0.148	-0.025
361	3.60	0.111	0.231	0.309	0.327	0.270	0.126	-0.109	-0.428	-0.804	-1.187
371	3.70	-1.518	-1.746	-1.649	-1.840	-1.764	-1.678	-1.618	-1.587	-1.547	-1.443
381	3.80	-1.232	-0.908	-0.514	-0.133	0.148	0.270	0.224	0.055	-0.161	-0.347
391	3.90	-0.454	-0.474	-0.436	-0.385	-0.358	-0.374	-0.428	-0.503	-0.578	-0.636
401	4.00	-0.665	-0.650	-0.574	-0.421	-0.180	0.139	0.501	0.853	1.136	1.306
411	4.10	1.351	1.292	1.173	1.046	0.947	0.891	0.868	0.857	0.839	0.806
421	4.20	0.763	0.724	0.698	0.687	0.684	0.678	0.664	0.644	0.626	0.620
431	4.30	0.632	0.654	0.673	0.676	0.658	0.625	0.591	0.574	0.581	0.610
441	4.40	0.648	0.678	0.684	0.675	0.662	0.663	0.690	0.740	0.797	0.836
451	4.50	0.832	0.774	0.663	0.516	0.352	0.136	0.025	-0.131	-0.283	-0.427
461	4.60	-0.550	-0.635	-0.667	-0.646	-0.585	-0.510	-0.451	-0.428	-0.444	-0.484
471	4.70	-0.524	-0.541	-0.523	-0.470	-0.397	-0.319	-0.247	-0.183	-0.123	-0.062
481	4.80	-0.004	0.041	0.056	0.029	-0.042	-0.143	-0.253	-0.348	-0.414	-0.452
491	4.90	-0.476	-0.505	-0.550	-0.612	-0.674	-0.716	-0.718	-0.677	-0.602	-0.516

Table 7-98-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1290 90S-PI-1-431 U-D (U-D) OCHIAI BRIDGE MAX. ACC. = -12.504 (GAL) T= 0.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.442	-0.397	-0.382	-0.384	-0.392	-0.383	-0.353	-0.308	-0.259	-0.219
511	5.10	-0.194	-0.183	-0.178	-0.169	-0.147	-0.110	-0.064	-0.018	0.019	0.037
521	5.20	0.034	0.013	-0.022	-0.060	-0.096	-0.125	-0.146	-0.162	-0.179	-0.201
531	5.30	-0.227	-0.253	-0.271	-0.271	-0.249	-0.204	-0.142	-0.076	-0.015	0.033
541	5.40	0.066	0.089	0.110	0.135	0.168	0.207	0.248	0.288	0.325	0.357
551	5.50	0.387	0.418	0.450	0.483	0.518	0.554	0.592	0.630	0.666	0.697
561	5.60	0.720	0.730	0.731	0.728	0.730	0.744	0.774	0.813	0.850	0.867
571	5.70	0.851	0.795	0.702	0.584	0.459	0.345	0.251	0.182	0.130	0.085
581	5.80	0.035	-0.029	-0.111	-0.205	-0.303	-0.391	-0.457	-0.493	-0.495	-0.470
591	5.90	-0.428	-0.385	-0.350	-0.333	-0.332	-0.341	-0.353	-0.358	-0.356	-0.345
601	6.00	-0.333	-0.323	-0.320	-0.321	-0.324	-0.326	-0.322	-0.315	-0.307	-0.301
611	6.10	-0.298	-0.298	-0.299	-0.299	-0.295	-0.289	-0.283	-0.278	-0.276	-0.276
621	6.20	-0.276	-0.275	-0.271	-0.265	-0.260	-0.257	-0.256	-0.255	-0.255	-0.253
631	6.30	-0.249	-0.244	-0.240	-0.237	-0.237	-0.236	-0.236	-0.233	-0.228	-0.224
641	6.40	-0.220	-0.219	-0.220	-0.220	-0.219	-0.215	-0.209	-0.204	-0.202	-0.203
651	6.50	-0.206	-0.210	-0.208	-0.199	-0.179	-0.150	-0.115	-0.078	-0.045	-0.017
661	6.60	0.005	0.023	0.040	0.059	0.081	0.107	0.135	0.162	0.186	0.207
671	6.70	0.226	0.244	0.264	0.287	0.314	0.343	0.371	0.396	0.415	0.426
681	6.80	0.427	0.419	0.405	0.386	0.369	0.355	0.348	0.347	0.351	0.356
691	6.90	0.356	0.351	0.340	0.328	0.318	0.313	0.315	0.319	0.321	0.318
701	7.00	0.308	0.294	0.282	0.276	0.278	0.283	0.288	0.285	0.274	0.258
711	7.10	0.243	0.236	0.239	0.248	0.256	0.255	0.241	0.218	0.198	0.189
721	7.20	0.198	0.218	0.238	0.239	0.210	0.148	0.062	-0.034	-0.126	-0.209
731	7.30	-0.285	-0.365	-0.455	-0.556	-0.654	-0.731	-0.769	-0.759	-0.708	-0.637
741	7.40	-0.568	-0.519	-0.496	-0.488	-0.481	-0.458	-0.414	-0.354	-0.291	-0.238
751	7.50	-0.199	-0.169	-0.138	-0.095	-0.040	0.019	0.063	0.078	0.053	-0.008
761	7.60	-0.091	-0.177	-0.251	-0.307	-0.349	-0.383	-0.414	-0.442	-0.457	-0.448
771	7.70	-0.410	-0.343	-0.260	-0.178	-0.113	-0.073	-0.054	-0.047	-0.034	-0.007
781	7.80	0.038	0.093	0.148	0.193	0.224	0.244	0.263	0.288	0.325	0.373
791	7.90	0.426	0.474	0.511	0.536	0.556	0.577	0.608	0.652	0.705	0.760
801	8.00	0.808	0.842	0.859	0.860	0.849	0.827	0.793	0.741	0.667	0.567
811	8.10	0.446	0.315	0.189	0.079	-0.009	-0.083	-0.155	-0.242	-0.352	-0.482
821	8.20	-0.614	-0.726	-0.792	-0.801	-0.758	-0.683	-0.604	-0.548	-0.529	-0.543
831	8.30	-0.573	-0.591	-0.574	-0.508	-0.393	-0.244	-0.082	0.069	0.188	0.264
841	8.40	0.293	0.280	0.235	0.174	0.113	0.065	0.037	0.028	0.032	0.039
851	8.50	0.039	0.029	0.008	-0.015	-0.034	-0.045	-0.049	-0.050	-0.055	-0.068
861	8.60	-0.087	-0.108	-0.123	-0.131	-0.132	-0.133	-0.141	-0.157	-0.180	-0.202
871	8.70	-0.216	-0.218	-0.212	-0.209	-0.218	-0.243	-0.280	-0.313	-0.326	-0.304
881	8.80	-0.247	-0.161	-0.063	0.032	0.113	0.179	0.237	0.292	0.348	0.406
891	8.90	0.461	0.511	0.561	0.619	0.692	0.780	0.869	0.936	0.951	0.896
901	9.00	0.770	0.594	0.405	0.239	0.121	0.055	0.020	-0.016	-0.082	-0.188
911	9.10	-0.324	-0.460	-0.564	-0.609	-0.590	-0.522	-0.432	-0.350	-0.295	-0.270
921	9.20	-0.267	-0.271	-0.267	-0.250	-0.222	-0.191	-0.164	-0.145	-0.132	-0.121
931	9.30	-0.106	-0.087	-0.063	-0.038	-0.016	0.002	0.017	0.033	0.050	0.070
941	9.40	0.092	0.113	0.133	0.151	0.170	0.188	0.208	0.228	0.246	0.263
951	9.50	0.280	0.298	0.322	0.349	0.376	0.396	0.400	0.383	0.342	0.284
961	9.60	0.220	0.162	0.118	0.091	0.075	0.063	0.044	0.014	-0.026	-0.071
971	9.70	-0.112	-0.143	-0.164	-0.181	-0.200	-0.229	-0.268	-0.313	-0.355	-0.387
981	9.80	-0.407	-0.420	-0.436	-0.464	-0.508	-0.562	-0.615	-0.649	-0.651	-0.619
991	9.90	-0.558	-0.482	-0.409	-0.350	-0.309	-0.281	-0.258	-0.232	-0.197	-0.156

Table 7-98-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1290 905-PI-1-431 U-D (U-D) OCHIAI BRIDGE MAX. ACC. = -12.504 (GAL) T= 0.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.115	-0.076	-0.044	-0.014	0.018	0.054	0.095	0.138	0.176	0.207
1011	10.10	0.232	0.258	0.292	0.336	0.390	0.442	0.480	0.491	0.470	0.420
1021	10.20	0.354	0.285	0.228	0.188	0.163	0.147	0.131	0.109	0.079	0.043
1031	10.30	0.006	-0.028	-0.058	-0.085	-0.110	-0.136	-0.164	-0.194	-0.225	-0.257
1041	10.40	-0.289	-0.321	-0.351	-0.379	-0.404	-0.427	-0.453	-0.484	-0.522	-0.565
1051	10.50	-0.606	-0.635	-0.644	-0.625	-0.581	-0.521	-0.456	-0.400	-0.359	-0.334
1061	10.60	-0.319	-0.305	-0.285	-0.256	-0.220	-0.182	-0.148	-0.120	-0.097	-0.075
1071	10.70	-0.050	-0.021	0.011	0.044	0.075	0.102	0.128	0.153	0.180	0.210
1081	10.80	0.240	0.271	0.299	0.325	0.352	0.380	0.410	0.441	0.471	0.498
1091	10.90	0.521	0.544	0.571	0.605	0.644	0.684	0.714	0.725	0.710	0.671
1101	11.00	0.615	0.555	0.503	0.466	0.445	0.434	0.424	0.408	0.382	0.348
1111	11.10	0.312	0.280	0.255	0.237	0.220	0.201	0.176	0.146	0.113	0.082
1121	11.20	0.056	0.035	0.018	-0.001	-0.025	-0.055	-0.088	-0.121	-0.147	-0.167
1131	11.30	-0.182	-0.199	-0.222	-0.255	-0.296	-0.336	-0.365	-0.371	-0.348	-0.300
1141	11.40	-0.235	-0.167	-0.110	-0.070	-0.047	-0.033	-0.018	0.007	0.043	0.086
1151	11.50	0.128	0.162	0.187	0.206	0.226	0.253	0.291	0.335	0.377	0.410
1161	11.60	0.431	0.445	0.461	0.490	0.534	0.591	0.644	0.678	0.678	0.638
1171	11.70	0.567	0.480	0.393	0.320	0.268	0.230	0.199	0.166	0.126	0.079
1181	11.80	0.030	-0.018	-0.062	-0.105	-0.148	-0.193	-0.239	-0.285	-0.327	-0.365
1191	11.90	-0.403	-0.446	-0.497	-0.555	-0.613	-0.659	-0.682	-0.677	-0.645	-0.596
1201	12.00	-0.544	-0.502	-0.476	-0.466	-0.465	-0.464	-0.456	-0.439	-0.417	-0.394
1211	12.10	-0.375	-0.360	-0.350	-0.340	-0.328	-0.313	-0.295	-0.277	-0.260	-0.245
1221	12.20	-0.232	-0.219	-0.204	-0.189	-0.174	-0.158	-0.143	-0.128	-0.113	-0.097
1231	12.30	-0.081	-0.066	-0.052	-0.039	-0.026	-0.011	0.006	0.025	0.043	0.058
1241	12.40	0.070	0.080	0.091	0.106	0.126	0.148	0.169	0.185	0.193	0.197
1251	12.50	0.203	0.217	0.243	0.278	0.311	0.328	0.318	0.276	0.205	0.118
1261	12.60	0.032	-0.040	-0.094	-0.134	-0.170	-0.212	-0.265	-0.326	-0.381	-0.417
1271	12.70	-0.424	-0.400	-0.354	-0.301	-0.256	-0.231	-0.226	-0.235	-0.246	-0.249
1281	12.80	-0.238	-0.215	-0.189	-0.167	-0.155	-0.154	-0.158	-0.161	-0.154	-0.138
1291	12.90	-0.113	-0.088	-0.070	-0.063	-0.068	-0.078	-0.085	-0.080	-0.054	-0.002
1301	13.00	0.074	0.173	0.290	0.421	0.558	0.694	0.821	0.925	0.994	1.019
1311	13.10	0.994	0.922	0.816	0.694	0.580	0.490	0.434	0.408	0.397	0.384
1321	13.20	0.353	0.298	0.224	0.146	0.079	0.034	0.010	-0.006	-0.031	-0.077
1331	13.30	-0.148	-0.230	-0.306	-0.357	-0.379	-0.382	-0.390	-0.430	-0.512	-0.626
1341	13.40	-0.738	-0.802	-0.778	-0.651	-0.438	-0.187	0.040	0.189	0.236	0.188
1351	13.50	0.084	-0.027	-0.102	-0.124	-0.098	-0.050	-0.008	0.007	-0.006	-0.035
1361	13.60	-0.063	-0.074	-0.065	-0.045	-0.025	-0.016	-0.022	-0.038	-0.053	-0.060
1371	13.70	-0.056	-0.044	-0.032	-0.026	-0.030	-0.039	-0.049	-0.054	-0.051	-0.044
1381	13.80	-0.036	-0.033	-0.035	-0.041	-0.047	-0.050	-0.048	-0.044	-0.040	-0.038
1391	13.90	-0.039	-0.042	-0.046	-0.047	-0.047	-0.045	-0.044	-0.043	-0.044	-0.045
1401	14.00	-0.045	-0.045	-0.046	-0.046	-0.048	-0.049	-0.049	-0.047	-0.045	-0.044
1411	14.10	-0.045	-0.048	-0.053	-0.055	-0.055	-0.051	-0.045	-0.042	-0.044	-0.051
1421	14.20	-0.059	-0.065	-0.063	-0.055	-0.044	-0.037	-0.040	-0.053	-0.072	-0.085
1431	14.30	-0.084	-0.060	-0.015	0.042	0.103	0.158	0.205	0.249	0.296	0.348
1441	14.40	0.401	0.444	0.465	0.453	0.410	0.345	0.279	0.226	0.196	0.187
1451	14.50	0.185	0.176	0.149	0.107	0.062	0.031	0.029	0.062	0.126	0.205
1461	14.60	0.283	0.349	0.399	0.436	0.467	0.498	0.531	0.567	0.605	0.645
1471	14.70	0.690	0.744	0.802	0.858	0.895	0.896	0.847	0.748	0.610	0.456
1481	14.80	0.311	0.196	0.118	0.072	0.038	-0.005	-0.073	-0.170	-0.288	-0.410
1491	14.90	-0.512	-0.576	-0.593	-0.561	-0.491	-0.396	-0.296	-0.205	-0.134	-0.088

Table 7-98-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1290 905-PI-1-431 U-D (U-D) OCHIAI BRIDGE MAX. ACC. = -12.504 (GAL) T= 0.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.062	-0.048	-0.033	-0.006	0.039	0.102	0.173	0.237	0.278	0.285
1511	15.10	0.255	0.196	0.121	0.048	-0.012	-0.053	-0.078	-0.097	-0.117	-0.146
1521	15.20	-0.183	-0.225	-0.264	-0.297	-0.324	-0.348	-0.376	-0.413	-0.456	-0.501
1531	15.30	-0.537	-0.557	-0.556	-0.535	-0.503	-0.470	-0.444	-0.430	-0.428	-0.431
1541	15.40	-0.434	-0.431	-0.422	-0.408	-0.395	-0.385	-0.379	-0.377	-0.375	-0.370
1551	15.50	-0.362	-0.351	-0.340	-0.331	-0.325	-0.321	-0.317	-0.312	-0.305	-0.295
1561	15.60	-0.284	-0.276	-0.269	-0.265	-0.261	-0.256	-0.248	-0.239	-0.229	-0.220
1571	15.70	-0.214	-0.209	-0.205	-0.200	-0.193	-0.183	-0.173	-0.165	-0.158	-0.153
1581	15.80	-0.149	-0.144	-0.137	-0.128	-0.117	-0.108	-0.101	-0.097	-0.094	-0.090
1591	15.90	-0.082	-0.071	-0.059	-0.049	-0.044	-0.044	-0.046	-0.043	-0.028	0.004
1601	16.00	0.054	0.116	0.181	0.238	0.283	0.314	0.337	0.363	0.399	0.449
1611	16.10	0.507	0.564	0.606	0.624	0.613	0.578	0.530	0.481	0.443	0.419
1621	16.20	0.408	0.404	0.399	0.389	0.372	0.350	0.328	0.308	0.293	0.282
1631	16.30	0.271	0.259	0.243	0.224	0.205	0.187	0.172	0.158	0.146	0.133
1641	16.40	0.118	0.101	0.083	0.065	0.049	0.035	0.022	0.009	-0.005	-0.021
1651	16.50	-0.039	-0.056	-0.073	-0.088	-0.101	-0.113	-0.126	-0.141	-0.158	-0.177
1661	16.60	-0.195	-0.211	-0.224	-0.235	-0.245	-0.257	-0.273	-0.295	-0.320	-0.342
1671	16.70	-0.356	-0.355	-0.336	-0.300	-0.252	-0.200	-0.153	-0.115	-0.088	-0.070
1681	16.80	-0.056	-0.039	-0.016	0.016	0.054	0.092	0.126	0.150	0.162	0.162
1691	16.90	0.152	0.138	0.124	0.113	0.107	0.107	0.109	0.113	0.116	0.116
1701	17.00	0.114	0.111	0.108	0.107	0.106	0.107	0.109	0.109	0.108	0.106
1711	17.10	0.104	0.103	0.103	0.103	0.104	0.104	0.104	0.102	0.101	0.100
1721	17.20	0.100	0.100	0.101	0.101	0.100	0.099	0.098	0.097	0.098	0.098
1731	17.30	0.099	0.098	0.097	0.096	0.095	0.095	0.096	0.097	0.097	0.096
1741	17.40	0.095	0.094	0.093	0.094	0.095	0.096	0.096	0.095	0.093	0.092
1751	17.50	0.091	0.092	0.094	0.095	0.095	0.094	0.092	0.090	0.089	0.091
1761	17.60	0.093	0.095	0.095	0.093	0.089	0.087	0.087	0.090	0.094	0.096
1771	17.70	0.095	0.090	0.084	0.081	0.083	0.092	0.102	0.107	0.096	0.063
1781	17.80	0.008	-0.063	-0.137	-0.202	-0.251	-0.283	-0.306	-0.331	-0.368	-0.422
1791	17.90	-0.487	-0.550	-0.596	-0.613	-0.596	-0.552	-0.492	-0.432	-0.384	-0.353
1801	18.00	-0.337	-0.329	-0.320	-0.304	-0.281	-0.252	-0.223	-0.197	-0.176	-0.159
1811	18.10	-0.143	-0.125	-0.103	-0.079	-0.053	-0.029	-0.007	0.013	0.031	0.050
1821	18.20	0.069	0.091	0.115	0.140	0.164	0.185	0.204	0.222	0.239	0.257
1831	18.30	0.280	0.307	0.336	0.363	0.383	0.392	0.386	0.368	0.342	0.313
1841	18.40	0.288	0.271	0.262	0.258	0.255	0.250	0.239	0.225	0.210	0.196
1851	18.50	0.185	0.177	0.170	0.162	0.151	0.138	0.125	0.112	0.101	0.092
1861	18.60	0.084	0.074	0.063	0.051	0.038	0.025	0.015	0.005	-0.004	-0.014
1871	18.70	-0.026	-0.039	-0.052	-0.064	-0.074	-0.084	-0.094	-0.104	-0.117	-0.130
1881	18.80	-0.143	-0.155	-0.165	-0.175	-0.185	-0.196	-0.209	-0.223	-0.237	-0.248
1891	18.90	-0.258	-0.267	-0.277	-0.289	-0.303	-0.319	-0.333	-0.345	-0.353	-0.360
1901	19.00	-0.368	-0.380	-0.398	-0.419	-0.439	-0.451	-0.450	-0.433	-0.403	-0.365
1911	19.10	-0.326	-0.290	-0.263	-0.243	-0.228	-0.215	-0.200	-0.181	-0.158	-0.132
1921	19.20	-0.107	-0.085	-0.065	-0.048	-0.032	-0.015	0.005	0.028	0.053	0.080
1931	19.30	0.104	0.122	0.133	0.135	0.129	0.118	0.106	0.096	0.090	0.089
1941	19.40	0.092	0.095	0.098	0.098	0.096	0.092	0.089	0.087	0.087	0.088
1951	19.50	0.089	0.089	0.087	0.085	0.083	0.081	0.080	0.080	0.081	0.080
1961	19.60	0.079	0.077	0.076	0.074	0.074	0.073	0.073	0.072	0.071	0.070
1971	19.70	0.069	0.068	0.067	0.066	0.064	0.065	0.064	0.063	0.062	0.061
1981	19.80	0.061	0.060	0.059	0.058	0.057	0.057	0.056	0.056	0.055	0.055
1991	19.90	0.053	0.052	0.051	0.051	0.051	0.051	0.051	0.050	0.049	0.047

Table 7-98-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1290 905-PI-1-431 U-D (U-D) OCHIAI BRIDGE MAX. ACC. = -12.504 (GAL) T= 0.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.047	0.047	0.047	0.048	0.048	0.047	0.045	0.043	0.043	0.044
2011	20.10	0.045	0.046	0.046	0.044	0.041	0.039	0.041	0.047	0.057	0.071
2021	20.20	0.084	0.095	0.102	0.106	0.110	0.116	0.125	0.135	0.146	0.154
2031	20.30	0.160	0.164	0.168	0.176	0.187	0.199	0.210	0.217	0.220	0.221
2041	20.40	0.225	0.236	0.254	0.275	0.288	0.284	0.255	0.202	0.133	0.060
2051	20.50	-0.003	-0.049	-0.076	-0.094	-0.114	-0.147	-0.197	-0.257	-0.316	-0.357
2061	20.60	-0.369	-0.350	-0.304	-0.244	-0.185	-0.136	-0.102	-0.082	-0.069	-0.057
2071	20.70	-0.060	-0.017	0.011	0.043	0.075	0.104	0.131	0.151	0.162	0.162
2081	20.80	0.150	0.128	0.102	0.077	0.059	0.051	0.051	0.055	0.056	0.051
2091	20.90	0.039	0.024	0.009	-0.000	-0.003	-0.002	-0.001	-0.005	-0.017	-0.034
2101	21.00	-0.051	-0.060	-0.058	-0.043	-0.018	0.010	0.035	0.054	0.067	0.077
2111	21.10	0.088	0.101	0.118	0.135	0.151	0.163	0.173	0.183	0.196	0.214
2121	21.20	0.237	0.258	0.274	0.277	0.266	0.243	0.212	0.180	0.154	0.134
2131	21.30	0.122	0.114	0.106	0.095	0.080	0.063	0.045	0.028	0.014	0.002
2141	21.40	-0.010	-0.022	-0.036	-0.051	-0.067	-0.083	-0.098	-0.111	-0.124	-0.136
2151	21.50	-0.149	-0.164	-0.179	-0.195	-0.210	-0.224	-0.237	-0.249	-0.262	-0.275
2161	21.60	-0.290	-0.306	-0.322	-0.337	-0.351	-0.362	-0.373	-0.386	-0.400	-0.417
2171	21.70	-0.435	-0.452	-0.465	-0.475	-0.484	-0.493	-0.507	-0.527	-0.552	-0.575
2181	21.80	-0.590	-0.589	-0.569	-0.532	-0.484	-0.434	-0.390	-0.356	-0.334	-0.318
2191	21.90	-0.302	-0.282	-0.255	-0.224	-0.191	-0.162	-0.138	-0.117	-0.097	-0.074
2201	22.00	-0.047	-0.018	0.013	0.040	0.064	0.085	0.106	0.130	0.157	0.187
2211	22.10	0.218	0.245	0.267	0.286	0.305	0.329	0.359	0.395	0.430	0.458
2221	22.20	0.470	0.463	0.439	0.405	0.370	0.341	0.323	0.314	0.312	0.309
2231	22.30	0.301	0.288	0.270	0.252	0.236	0.225	0.217	0.211	0.201	0.188
2241	22.40	0.172	0.155	0.140	0.128	0.120	0.113	0.104	0.091	0.074	0.055
2251	22.50	0.037	0.025	0.021	0.026	0.038	0.053	0.068	0.080	0.088	0.093
2261	22.60	0.096	0.099	0.103	0.109	0.114	0.121	0.127	0.133	0.139	0.144
2271	22.70	0.149	0.153	0.158	0.163	0.168	0.175	0.182	0.189	0.193	0.196
2281	22.80	0.198	0.201	0.206	0.215	0.228	0.239	0.245	0.238	0.216	0.178
2291	22.90	0.128	0.075	0.026	-0.014	-0.042	-0.062	-0.079	-0.102	-0.132	-0.170
2301	23.00	-0.211	-0.249	-0.279	-0.302	-0.320	-0.341	-0.371	-0.411	-0.458	-0.503
2311	23.10	-0.535	-0.545	-0.529	-0.492	-0.442	-0.391	-0.349	-0.322	-0.306	-0.297
2321	23.20	-0.287	-0.271	-0.248	-0.222	-0.195	-0.172	-0.154	-0.139	-0.123	-0.105
2331	23.30	-0.082	-0.057	-0.032	-0.011	0.006	0.021	0.036	0.056	0.081	0.109
2341	23.40	0.136	0.157	0.167	0.166	0.157	0.143	0.129	0.119	0.113	0.112
2351	23.50	0.113	0.115	0.115	0.114	0.111	0.108	0.105	0.101	0.098	0.096
2361	23.60	0.095	0.095	0.096	0.097	0.097	0.092	0.081	0.062	0.034	-0.002
2371	23.70	-0.045	-0.089	-0.131	-0.166	-0.188	-0.195	-0.186	-0.165	-0.137	-0.108
2381	23.80	-0.083	-0.066	-0.057	-0.052	-0.049	-0.043	-0.033	-0.020	-0.006	0.007
2391	23.90	0.018	0.026	0.033	0.042	0.053	0.065	0.077	0.089	0.098	0.106
2401	24.00	0.115	0.125	0.137	0.150	0.162	0.172	0.179	0.185	0.194	0.207
2411	24.10	0.225	0.242	0.255	0.255	0.241	0.211	0.171	0.128	0.091	0.063
2421	24.20	0.046	0.035	0.024	0.008	-0.014	-0.043	-0.072	-0.096	-0.117	-0.131
2431	24.30	-0.143	-0.158	-0.181	-0.210	-0.243	-0.273	-0.293	-0.298	-0.288	-0.264
2441	24.40	-0.234	-0.203	-0.176	-0.157	-0.145	-0.137	-0.131	-0.122	-0.110	-0.095
2451	24.50	-0.079	-0.062	-0.047	-0.035	-0.024	-0.014	-0.003	0.010	0.024	0.040
2461	24.60	0.056	0.070	0.082	0.092	0.103	0.114	0.127	0.142	0.159	0.176
2471	24.70	0.193	0.211	0.231	0.253	0.278	0.305	0.331	0.353	0.370	0.382
2481	24.80	0.393	0.408	0.432	0.463	0.499	0.531	0.549	0.545	0.516	0.464
2491	24.90	0.398	0.327	0.264	0.213	0.176	0.148	0.124	0.097	0.064	0.023

Table 7-98-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1290 905-PI-1-431 U-D (U-D) OCHIAI BRIDGE MAX. ACC. = -12.504 (GAL) T= 0.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.023	-0.070	-0.113	-0.151	-0.182	-0.210	-0.238	-0.271	-0.313	-0.364
2511	25.10	-0.418	-0.468	-0.503	-0.513	-0.494	-0.448	-0.382	-0.311	-0.247	-0.200
2521	25.20	-0.172	-0.157	-0.146	-0.128	-0.099	-0.058	-0.013	0.028	0.059	0.081
2531	25.30	0.097	0.116	0.145	0.186	0.235	0.281	0.313	0.323	0.306	0.269
2541	25.40	0.220	0.170	0.130	0.102	0.086	0.076	0.066	0.052	0.030	0.005
2551	25.50	-0.022	-0.047	-0.067	-0.083	-0.098	-0.114	-0.133	-0.157	-0.182	-0.207
2561	25.60	-0.229	-0.246	-0.261	-0.276	-0.294	-0.316	-0.343	-0.370	-0.394	-0.411
2571	25.70	-0.424	-0.435	-0.450	-0.473	-0.504	-0.539	-0.570	-0.589	-0.588	-0.566
2581	25.80	-0.527	-0.478	-0.427	-0.384	-0.349	-0.324	-0.305	-0.286	-0.266	-0.243
2591	25.90	-0.216	-0.187	-0.158	-0.129	-0.102	-0.077	-0.054	-0.032	-0.010	0.015
2601	26.00	0.043	0.074	0.105	0.133	0.156	0.174	0.191	0.212	0.243	0.282
2611	26.10	0.323	0.354	0.365	0.349	0.306	0.248	0.189	0.143	0.116	0.105
2621	26.20	0.099	0.088	0.063	0.026	-0.013	-0.044	-0.062	-0.069	-0.075	-0.092
2631	26.30	-0.128	-0.178	-0.228	-0.258	-0.252	-0.204	-0.122	-0.024	0.070	0.145
2641	26.40	0.200	0.241	0.280	0.326	0.380	0.437	0.489	0.534	0.574	0.619
2651	26.50	0.678	0.751	0.828	0.886	0.904	0.868	0.778	0.654	0.523	0.412
2661	26.60	0.337	0.294	0.269	0.241	0.194	0.126	0.047	-0.030	-0.091	-0.135
2671	26.70	-0.171	-0.214	-0.274	-0.352	-0.436	-0.505	-0.542	-0.537	-0.495	-0.431
2681	26.80	-0.367	-0.321	-0.299	-0.298	-0.305	-0.307	-0.297	-0.275	-0.247	-0.222
2691	26.90	-0.205	-0.197	-0.194	-0.187	-0.174	-0.154	-0.131	-0.110	-0.095	-0.085
2701	27.00	-0.079	-0.070	-0.057	-0.038	-0.016	0.004	0.019	0.029	0.037	0.046
2711	27.10	0.060	0.078	0.099	0.119	0.135	0.146	0.153	0.162	0.175	0.193
2721	27.20	0.215	0.236	0.253	0.264	0.271	0.277	0.288	0.306	0.331	0.359
2731	27.30	0.382	0.394	0.388	0.365	0.328	0.282	0.234	0.189	0.151	0.121
2741	27.40	0.098	0.079	0.062	0.042	0.017	-0.016	-0.053	-0.093	-0.128	-0.152
2751	27.50	-0.160	-0.150	-0.124	-0.089	-0.053	-0.023	-0.000	0.013	0.022	0.030
2761	27.60	0.040	0.053	0.068	0.084	0.100	0.115	0.133	0.152	0.170	0.184
2771	27.70	0.187	0.173	0.141	0.096	0.044	-0.004	-0.041	-0.064	-0.077	-0.087
2781	27.80	-0.102	-0.126	-0.159	-0.195	-0.228	-0.254	-0.272	-0.286	-0.302	-0.325
2791	27.90	-0.356	-0.392	-0.426	-0.452	-0.469	-0.481	-0.494	-0.516	-0.551	-0.595
2801	28.00	-0.638	-0.667	-0.667	-0.634	-0.571	-0.490	-0.407	-0.336	-0.285	-0.253
2811	28.10	-0.231	-0.207	-0.172	-0.123	-0.065	-0.007	0.038	0.064	0.069	0.057
2821	28.20	0.037	0.019	0.010	0.011	0.020	0.032	0.042	0.047	0.049	0.049
2831	28.30	0.050	0.054	0.059	0.066	0.072	0.077	0.080	0.082	0.085	0.089
2841	28.40	0.094	0.100	0.105	0.110	0.113	0.116	0.120	0.124	0.129	0.134
2851	28.50	0.139	0.143	0.147	0.151	0.155	0.159	0.164	0.168	0.173	0.177
2861	28.60	0.181	0.186	0.190	0.194	0.198	0.203	0.207	0.212	0.216	0.221
2871	28.70	0.225	0.230	0.233	0.237	0.242	0.246	0.252	0.257	0.262	0.265
2881	28.80	0.268	0.271	0.275	0.281	0.289	0.296	0.301	0.301	0.295	0.282
2891	28.90	0.266	0.249	0.234	0.223	0.216	0.211	0.206	0.199	0.189	0.179
2901	29.00	0.168	0.158	0.150	0.143	0.136	0.129	0.120	0.110	0.100	0.091
2911	29.10	0.083	0.075	0.068	0.059	0.050	0.041	0.031	0.023	0.015	0.007
2921	29.20	-0.001	-0.010	-0.019	-0.028	-0.037	-0.046	-0.054	-0.062	-0.070	-0.078
2931	29.30	-0.088	-0.097	-0.106	-0.114	-0.122	-0.130	-0.138	-0.147	-0.157	-0.166
2941	29.40	-0.175	-0.183	-0.191	-0.198	-0.207	-0.216	-0.226	-0.236	-0.244	-0.252
2951	29.50	-0.259	-0.266	-0.275	-0.285	-0.297	-0.308	-0.317	-0.321	-0.320	-0.313
2961	29.60	-0.302	-0.290	-0.281	-0.275	-0.272	-0.271	-0.271	-0.269	-0.265	-0.260
2971	29.70	-0.254	-0.248	-0.245	-0.243	-0.241	-0.239	-0.235	-0.230	-0.225	-0.220
2981	29.80	-0.216	-0.214	-0.212	-0.210	-0.206	-0.201	-0.196	-0.191	-0.188	-0.185
2991	29.90	-0.183	-0.181	-0.177	-0.172	-0.166	-0.162	-0.159	-0.157	-0.155	-0.152

Table 7-98-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1290 905-PI-1-431 U-D (U-D) OCHIAI BRIDGE MAX. ACC. = -12.504 (GAL) T= 0.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.148	-0.143	-0.137	-0.133	-0.130	-0.128	-0.127	-0.124	-0.120	-0.114
3011	30.10	-0.108	-0.103	-0.100	-0.099	-0.099	-0.097	-0.092	-0.085	-0.078	-0.073
3021	30.20	-0.070	-0.071	-0.072	-0.071	-0.065	-0.056	-0.046	-0.038	-0.037	-0.042
3031	30.30	-0.051	-0.057	-0.051	-0.026	0.022	0.091	0.177	0.270	0.362	0.445
3041	30.40	0.512	0.560	0.588	0.598	0.592	0.577	0.557	0.541	0.535	0.541
3051	30.50	0.558	0.581	0.602	0.613	0.606	0.579	0.537	0.487	0.436	0.392
3061	30.60	0.359	0.335	0.316	0.297	0.273	0.242	0.207	0.171	0.138	0.112
3071	30.70	0.090	0.070	0.047	0.017	-0.019	-0.060	-0.097	-0.125	-0.138	-0.134
3081	30.80	-0.117	-0.092	-0.067	-0.047	-0.036	-0.031	-0.031	-0.031	-0.028	-0.022
3091	30.90	-0.013	-0.004	0.005	0.011	0.015	0.020	0.025	0.031	0.038	0.045
3101	31.00	0.052	0.058	0.063	0.069	0.076	0.083	0.089	0.095	0.100	0.104
3111	31.10	0.110	0.118	0.127	0.137	0.143	0.144	0.138	0.126	0.109	0.091
3121	31.20	0.075	0.063	0.056	0.051	0.046	0.040	0.031	0.020	0.009	-0.001
3131	31.30	-0.010	-0.017	-0.024	-0.031	-0.040	-0.049	-0.059	-0.069	-0.079	-0.087
3141	31.40	-0.094	-0.101	-0.109	-0.118	-0.128	-0.138	-0.148	-0.157	-0.165	-0.172
3151	31.50	-0.179	-0.187	-0.196	-0.207	-0.220	-0.232	-0.240	-0.243	-0.238	-0.225
3161	31.60	-0.208	-0.188	-0.171	-0.157	-0.149	-0.145	-0.142	-0.138	-0.130	-0.119
3171	31.70	-0.106	-0.094	-0.084	-0.078	-0.074	-0.070	-0.063	-0.053	-0.039	-0.025
3181	31.80	-0.012	-0.006	-0.007	-0.018	-0.036	-0.061	-0.087	-0.112	-0.133	-0.148
3191	31.90	-0.158	-0.165	-0.173	-0.183	-0.199	-0.220	-0.244	-0.264	-0.278	-0.280
3201	32.00	-0.269	-0.249	-0.222	-0.194	-0.170	-0.153	-0.141	-0.133	-0.126	-0.116
3211	32.10	-0.104	-0.090	-0.074	-0.059	-0.045	-0.034	-0.023	-0.013	-0.002	0.011
3221	32.20	0.026	0.040	0.054	0.066	0.078	0.088	0.099	0.110	0.124	0.138
3231	32.30	0.153	0.167	0.178	0.188	0.197	0.207	0.220	0.236	0.253	0.270
3241	32.40	0.282	0.287	0.282	0.269	0.251	0.233	0.217	0.206	0.200	0.197
3251	32.50	0.194	0.189	0.181	0.172	0.162	0.153	0.146	0.140	0.134	0.128
3261	32.60	0.120	0.112	0.103	0.095	0.088	0.082	0.075	0.067	0.059	0.051
3271	32.70	0.043	0.036	0.029	0.022	0.014	0.006	-0.002	-0.010	-0.018	-0.025
3281	32.80	-0.032	-0.039	-0.047	-0.055	-0.064	-0.073	-0.080	-0.087	-0.093	-0.100
3291	32.90	-0.108	-0.118	-0.128	-0.137	-0.144	-0.150	-0.155	-0.161	-0.170	-0.181
3301	33.00	-0.193	-0.205	-0.212	-0.214	-0.208	-0.197	-0.182	-0.167	-0.154	-0.144
3311	33.10	-0.137	-0.133	-0.129	-0.124	-0.117	-0.110	-0.102	-0.093	-0.086	-0.079
3321	33.20	-0.073	-0.067	-0.061	-0.055	-0.048	-0.040	-0.032	-0.024	-0.018	-0.011
3331	33.30	-0.006	-0.000	0.006	0.013	0.021	0.030	0.037	0.044	0.049	0.053
3341	33.40	0.058	0.065	0.074	0.084	0.093	0.099	0.103	0.106	0.109	0.115
3351	33.50	0.126	0.140	0.153	0.160	0.157	0.144	0.122	0.095	0.069	0.047
3361	33.60	0.030	0.018	0.006	-0.006	-0.021	-0.036	-0.051	-0.064	-0.077	-0.090
3371	33.70	-0.107	-0.128	-0.149	-0.165	-0.170	-0.159	-0.131	-0.092	-0.049	-0.012
3381	33.80	0.014	0.029	0.037	0.044	0.058	0.031	0.109	0.138	0.161	0.173
3391	33.90	0.174	0.167	0.157	0.149	0.147	0.149	0.155	0.161	0.165	0.166
3401	34.00	0.167	0.167	0.168	0.171	0.175	0.179	0.182	0.184	0.185	0.186
3411	34.10	0.187	0.188	0.192	0.196	0.201	0.206	0.208	0.205	0.196	0.179
3421	34.20	0.158	0.134	0.113	0.095	0.083	0.074	0.067	0.058	0.046	0.029
3431	34.30	0.010	-0.011	-0.032	-0.053	-0.075	-0.098	-0.122	-0.146	-0.168	-0.187
3441	34.40	-0.203	-0.219	-0.235	-0.256	-0.283	-0.312	-0.340	-0.360	-0.367	-0.359
3451	34.50	-0.338	-0.309	-0.277	-0.250	-0.231	-0.220	-0.215	-0.210	-0.203	-0.192
3461	34.60	-0.176	-0.158	-0.142	-0.128	-0.118	-0.110	-0.102	-0.091	-0.077	-0.060
3471	34.70	-0.044	-0.030	-0.019	-0.011	-0.003	0.008	0.022	0.040	0.059	0.074
3481	34.80	0.082	0.080	0.069	0.053	0.037	0.025	0.021	0.022	0.025	0.026
3491	34.90	0.023	0.013	0.002	-0.008	-0.011	-0.006	0.006	0.022	0.037	0.047

Table 7-99-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1291 905-PI-1-431 HB. (HB.) OCHIAI BRIDGE MAX. ACC. = 48.965 (GAL) T= 0.24 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-2.080	-2.561	-1.680	0.189	2.021	2.677	1.580	-0.852	-3.314	-4.269
11	0.10	-2.836	0.571	4.231	5.883	3.925	-1.519	-8.249	-12.663	-11.250	-2.297
21	0.20	12.965	30.385	44.165	48.965	41.990	24.209	0.194	-23.394	-40.073	-45.701
31	0.30	-39.720	-25.066	-6.864	9.509	20.225	23.997	21.997	16.844	11.206	6.647
41	0.40	3.202	-0.214	-4.815	-10.913	-17.350	-21.977	-22.237	-16.820	-6.365	6.433
51	0.50	17.709	23.916	23.267	16.454	6.275	-3.672	-10.626	-13.814	-14.560	-15.257
61	0.60	-17.754	-21.984	-25.645	-25.185	-17.694	-2.791	16.513	34.520	44.953	43.559
71	0.70	30.030	8.315	-14.864	-32.660	-40.711	-38.573	-29.385	-18.039	-8.788	-3.463
81	0.80	-1.091	1.033	5.478	13.030	22.112	29.519	32.049	28.147	18.737	6.851
91	0.90	-3.729	-10.105	-11.383	-8.801	-4.882	-2.107	-1.779	-3.584	-5.977	-7.100
101	1.00	-5.746	-1.914	3.237	7.928	10.486	9.933	6.238	0.227	-6.734	-13.108
111	1.10	-17.519	-19.003	-17.183	-12.370	-5.554	1.769	7.914	11.438	11.524	8.211
121	1.20	2.372	-4.525	-10.794	-14.908	-15.802	-13.059	-6.998	1.341	10.331	18.056
131	1.30	22.766	23.419	20.093	14.087	7.563	2.794	1.295	3.198	7.184	11.047
141	1.40	12.655	10.881	6.053	-0.282	-6.162	-10.164	-12.006	-12.492	-12.841	-13.790
151	1.50	-14.977	-15.013	-12.230	-5.764	3.637	13.533	20.596	21.964	18.526	5.523
161	1.60	-7.858	-19.726	-27.024	-28.659	-25.733	-20.813	-16.607	-14.674	-14.765	-15.046
171	1.70	-13.081	-7.076	3.155	15.937	28.270	36.899	39.486	35.417	25.981	13.886
181	1.80	2.336	-5.985	-9.683	-8.943	-5.275	-0.856	2.308	3.083	1.541	-1.181
191	1.90	-3.443	-3.831	-1.786	2.165	6.646	10.053	11.266	10.133	7.486	4.693
201	2.00	2.947	2.642	3.149	3.121	1.179	-3.329	-9.880	-16.855	-22.128	-23.917
211	2.10	-21.491	-15.460	-7.514	0.233	6.006	8.904	9.029	7.231	4.628	2.161
221	2.20	0.354	-0.668	-1.002	-0.758	0.044	1.442	3.422	5.805	8.217	10.155
231	2.30	11.114	10.709	8.760	5.330	0.728	-4.509	-9.661	-13.913	-16.524	-17.018
241	2.40	-15.360	-12.003	-7.766	-3.561	-0.071	2.473	4.302	5.889	7.606	9.427
251	2.50	10.852	11.102	9.523	5.987	1.107	-3.881	-7.523	-8.672	-6.915	-2.709
261	2.60	2.799	8.188	12.205	14.067	13.534	10.794	6.266	0.468	-6.026	-12.538
271	2.70	-18.272	-22.383	-24.160	-23.246	-19.788	-14.425	-8.106	-1.820	3.641	7.800
281	2.80	10.451	11.545	11.093	9.171	6.031	2.206	-1.466	-4.011	-4.624	-2.987
291	2.90	0.551	5.052	9.316	12.320	13.570	13.209	11.853	10.228	8.822	7.706
301	3.00	6.609	5.171	3.235	1.001	-1.038	-2.322	-2.507	-1.620	-0.052	1.628
311	3.10	2.889	3.396	3.017	1.761	-0.336	-3.223	-6.762	-10.626	-14.269	-17.046
321	3.20	-18.458	-18.400	-17.260	-15.780	-14.691	-14.311	-14.309	-13.796	-11.740	-7.507
331	3.30	-1.279	5.906	12.529	17.211	19.289	19.046	17.477	15.705	14.368	13.284
341	3.40	11.615	8.423	3.360	-2.914	-8.811	-12.423	-12.361	-8.443	-1.880	5.154
351	3.50	10.370	12.253	10.598	6.468	1.626	-2.252	-4.227	-4.334	-3.348	-2.267
361	3.60	-1.786	-2.037	-2.655	-3.097	-2.985	-2.295	-1.296	-0.322	0.454	1.114
371	3.70	1.878	2.879	3.969	4.703	4.516	3.026	0.282	-3.189	-6.565	-9.075
381	3.80	-10.317	-10.388	-9.770	-9.018	-8.435	-7.903	-6.954	-5.059	-1.972	2.049
391	3.90	6.277	9.779	11.805	12.098	10.991	9.231	7.635	6.728	6.539	6.643
401	4.00	6.409	5.333	3.298	0.636	-2.016	-3.999	-4.906	-4.741	-3.883	-2.899
411	4.10	-2.295	-2.312	-2.862	-3.611	-4.156	-4.220	-3.766	-2.994	-2.235	-1.790
421	4.20	-1.793	-2.166	-2.664	-3.001	-2.995	-2.655	-2.182	-1.871	-1.961	-2.492
431	4.30	-3.241	-3.758	-3.517	-2.109	0.592	4.344	8.590	12.613	15.746	17.545
441	4.40	17.873	16.854	14.751	11.816	8.195	3.940	-0.890	-6.088	-11.203	-15.554
451	4.50	-18.382	-19.073	-17.397	-13.624	-8.495	-3.031	1.751	5.094	6.651	6.484
461	4.60	4.922	2.391	-0.735	-4.165	-7.631	-10.784	-13.134	-14.099	-13.167	-10.110
471	4.70	-5.163	0.941	7.110	12.182	15.260	15.963	14.513	11.618	8.210	5.132
481	4.80	2.914	1.674	1.199	1.110	1.055	0.834	0.425	-0.083	-0.578	-1.006
491	4.90	-1.378	-1.732	-2.061	-2.275	-2.211	-1.701	-0.667	0.818	2.518	4.099

Table 7-99-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1291 905-PI-1-431 HB. (HB.) OCHIAI BRIDGE MAX. ACC. = 48.965 (GAL) T= 0.24 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	5.244	5.756	5.629	5.033	4.239	3.507	2.991	2.701	2.524	2.302
511	5.10	1.914	1.335	0.635	-0.069	-0.676	-1.165	-1.601	-2.098	-2.749	-3.568
521	5.20	-4.458	-5.240	-5.718	-5.760	-5.350	-4.592	-3.667	-2.762	-2.005	-1.443
531	5.30	-1.053	-0.790	-0.628	-0.579	-0.673	-0.917	-1.256	-1.573	-1.719	-1.576
541	5.40	-1.117	-0.422	0.346	1.021	1.500	1.790	1.986	2.203	2.491	2.776
551	5.50	2.866	2.529	1.600	0.082	-1.823	-3.766	-5.364	-6.334	-6.591	-6.254
561	5.60	-5.583	-4.863	-4.290	-3.910	-3.634	-3.309	-2.804	-2.081	-1.205	-0.304
571	5.70	0.500	1.147	1.672	2.173	2.765	3.517	4.411	5.342	6.148	6.662
581	5.80	6.766	6.425	5.693	4.697	3.598	2.552	1.670	0.997	0.508	0.130
591	5.90	-0.224	-0.618	-1.061	-1.503	-1.855	-2.028	-1.972	-1.706	-1.306	-0.885
601	6.00	-0.539	-0.314	-0.196	-0.129	-0.056	0.046	0.149	0.189	0.111	-0.097
611	6.10	-0.380	-0.636	-0.754	-0.670	-0.399	-0.026	0.327	0.565	0.659	0.659
621	6.20	0.661	0.753	0.963	1.233	1.443	1.457	1.186	0.624	-0.148	-0.995
631	6.30	-1.785	-2.434	-2.921	-3.276	-3.541	-3.729	-3.809	-3.709	-3.353	-2.702
641	6.40	-1.780	-0.687	0.426	1.398	2.097	2.455	2.474	2.220	1.795	1.306
651	6.50	0.840	0.451	0.157	-0.046	-0.169	-0.223	-0.206	-0.115	0.048	0.263
661	6.60	0.495	0.698	0.831	0.873	0.835	0.749	0.654	0.573	0.503	0.419
671	6.70	0.290	0.107	-0.103	-0.283	-0.365	-0.313	-0.148	0.045	0.149	0.055
681	6.80	-0.279	-0.810	-1.408	-1.905	-2.149	-2.052	-1.612	-0.895	-0.003	0.967
691	6.90	1.945	2.883	3.736	4.436	4.902	5.041	4.791	4.151	3.193	2.048
701	7.00	0.865	-0.227	-1.150	-1.879	-2.427	-2.811	-3.039	-3.103	-2.999	-2.744
711	7.10	-2.389	-2.012	-1.694	-1.489	-1.403	-1.397	-1.404	-1.360	-1.230	-1.015
721	7.20	-0.747	-0.461	-0.185	0.079	0.341	0.613	0.889	1.147	1.347	1.454
731	7.30	1.447	1.325	1.106	0.812	0.464	0.078	-0.332	-0.740	-1.104	-1.372
741	7.40	-1.491	-1.424	-1.162	-0.724	-0.153	0.506	1.210	1.925	2.619	3.252
751	7.50	3.768	4.106	4.216	4.081	3.732	3.244	2.718	2.248	1.885	1.625
761	7.60	1.418	1.191	0.885	0.480	-0.001	-0.511	-1.012	-1.501	-2.012	-2.599
771	7.70	-3.294	-4.074	-4.842	-5.449	-5.740	-5.615	-5.070	-4.211	-3.209	-2.250
781	7.80	-1.460	-0.873	-0.435	-0.041	0.401	0.926	1.494	2.017	2.403	2.607
791	7.90	2.643	2.580	2.496	2.438	2.399	2.324	2.146	1.828	1.388	0.894
801	8.00	0.431	0.057	-0.222	-0.454	-0.711	-1.043	-1.447	-1.860	-2.195	-2.377
811	8.10	-2.390	-2.279	-2.136	-2.044	-2.042	-2.100	-2.140	-2.072	-1.842	-1.459
821	8.20	-0.989	-0.521	-0.125	0.184	0.440	0.710	1.052	1.492	2.010	2.559
831	8.30	3.091	3.575	4.003	4.372	4.665	4.833	4.811	4.536	3.981	3.177
841	8.40	2.204	1.166	0.151	-0.797	-1.682	-2.538	-3.393	-4.240	-5.031	-5.689
851	8.50	-6.146	-6.367	-6.363	-6.173	-5.832	-5.344	-4.672	-3.760	-2.573	-1.138
861	8.60	0.436	1.975	3.290	4.230	4.736	4.847	4.683	4.386	4.069	3.779
871	8.70	3.497	3.165	2.726	2.166	1.518	0.853	0.243	-0.271	-0.699	-1.091
881	8.80	-1.509	-1.988	-2.513	-3.009	-3.370	-3.496	-3.333	-2.899	-2.278	-1.592
891	8.90	-0.955	-0.429	-0.009	0.369	0.794	1.331	1.985	2.687	3.310	3.715
901	9.00	3.797	3.520	2.931	2.139	1.276	0.455	-0.258	-0.849	-1.344	-1.776
911	9.10	-2.171	-2.529	-2.835	-3.073	-3.238	-3.345	-3.421	-3.484	-3.532	-3.530
921	9.20	-3.414	-3.103	-2.526	-1.642	-0.461	0.950	2.467	3.927	5.154	5.990
931	9.30	6.338	6.183	5.602	4.746	3.799	2.924	2.223	1.716	1.350	1.047
941	9.40	0.740	0.417	0.116	-0.097	-0.177	-0.135	-0.050	-0.039	-0.207	-0.598
951	9.50	-1.167	-1.794	-2.333	-2.674	-2.784	-2.715	-2.572	-2.457	-2.418	-2.429
961	9.60	-2.406	-2.256	-1.916	-1.392	-0.747	-0.071	0.560	1.110	1.581	1.996
971	9.70	2.365	2.665	2.846	2.860	2.688	2.364	1.970	1.604	1.345	1.217
981	9.80	1.191	1.202	1.180	1.088	0.926	0.722	0.508	0.291	0.050	-0.255
991	9.90	-0.656	-1.149	-1.683	-2.173	-2.521	-2.645	-2.503	-2.095	-1.457	-0.648

Table 7-99-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1291 905-PI-1-431 HB. (HB.) OCHIAI BRIDGE MAX. ACC. = 48.965 (GAL) T= 0.24 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.261	1.189	2.041	2.715	3.113	3.159	2.825	2.143	1.205	0.139
1011	10.10	-0.921	-1.867	-2.633	-3.196	-3.562	-3.747	-3.766	-3.624	-3.345	-2.959
1021	10.20	-2.516	-2.077	-1.695	-1.400	-1.189	-1.032	-0.890	-0.727	-0.529	-0.303
1031	10.30	-0.068	0.159	0.372	0.579	0.791	1.010	1.225	1.406	1.518	1.529
1041	10.40	1.426	1.221	0.949	0.652	0.374	0.142	-0.035	-0.169	-0.288	-0.421
1051	10.50	-0.588	-0.788	-0.993	-1.150	-1.191	-1.059	-0.727	-0.217	0.400	1.020
1061	10.60	1.534	1.866	1.993	1.952	1.820	1.682	1.595	1.570	1.568	1.529
1071	10.70	1.397	1.150	0.812	0.440	0.103	-0.144	-0.281	-0.321	-0.306	-0.278
1081	10.80	-0.272	-0.304	-0.370	-0.461	-0.560	-0.656	-0.741	-0.810	-0.860	-0.899
1091	10.90	-0.940	-1.001	-1.097	-1.225	-1.361	-1.454	-1.441	-1.273	-0.927	-0.433
1101	11.00	0.141	0.700	1.154	1.445	1.558	1.521	1.382	1.191	0.981	0.764
1111	11.10	0.537	0.301	0.066	-0.143	-0.296	-0.371	-0.367	-0.306	-0.227	-0.169
1121	11.20	-0.159	-0.200	-0.275	-0.355	-0.413	-0.439	-0.440	-0.441	-0.468	-0.540
1131	11.30	-0.650	-0.770	-0.851	-0.840	-0.697	-0.416	-0.024	0.419	0.841	1.187
1141	11.40	1.431	1.591	1.710	1.831	1.968	2.089	2.121	1.979	1.608	1.018
1151	11.50	0.295	-0.421	-0.980	-1.278	-1.290	-1.078	-0.755	-0.438	-0.199	-0.046
1161	11.60	0.061	0.178	0.333	0.505	0.628	0.633	0.480	0.187	-0.179	-0.527
1171	11.70	-0.795	-0.967	-1.086	-1.214	-1.400	-1.642	-1.886	-2.048	-2.060	-1.907
1181	11.80	-1.633	-1.324	-1.067	-0.905	-0.820	-0.749	-0.617	-0.377	-0.034	0.363
1191	11.90	0.749	1.078	1.347	1.583	1.825	2.090	2.356	2.567	2.666	2.623
1201	12.00	2.455	2.219	1.983	1.791	1.641	1.487	1.269	0.949	0.530	0.057
1211	12.10	-0.409	-0.823	-1.182	-1.524	-1.898	-2.331	-2.802	-3.241	-3.558	-3.681
1221	12.20	-3.584	-3.295	-2.872	-2.369	-1.805	-1.158	-0.392	0.509	1.500	2.477
1231	12.30	3.294	3.817	3.963	3.728	3.181	2.429	1.580	0.717	-0.164	-0.834
1241	12.40	-1.420	-1.792	-1.886	-1.679	-1.213	-0.605	-0.017	0.395	0.535	0.403
1251	12.50	0.084	-0.294	-0.614	-0.819	-0.927	-1.002	-1.113	-1.285	-1.483	-1.629
1261	12.60	-1.635	-1.455	-1.103	-0.647	-0.177	0.242	0.589	0.897	1.216	1.581
1271	12.70	1.974	2.327	2.539	2.525	2.250	1.751	1.124	0.495	-0.028	-0.388
1281	12.80	-0.583	-0.655	-0.663	-0.650	-0.631	-0.594	-0.520	-0.402	-0.254	-0.108
1291	12.90	0.000	0.055	0.068	0.082	0.143	0.284	0.503	0.755	0.972	1.089
1301	13.00	1.070	0.925	0.704	0.478	0.301	0.194	0.135	0.077	-0.020	-0.160
1311	13.10	-0.303	-0.379	-0.319	-0.097	0.246	0.606	0.847	0.853	0.566	0.014
1321	13.20	-0.710	-1.476	-2.167	-2.711	-3.084	-3.295	-3.352	-3.243	-2.932	-2.378
1331	13.30	-1.574	-0.564	0.541	1.597	2.460	3.033	3.294	3.291	3.115	2.863
1341	13.40	2.603	2.356	2.103	1.803	1.418	0.932	0.355	-0.278	-0.921	-1.522
1351	13.50	-2.031	-2.410	-2.631	-2.691	-2.608	-2.421	-2.178	-1.918	-1.653	-1.366
1361	13.60	-1.022	-0.589	-0.065	0.505	1.040	1.441	1.633	1.596	1.371	1.054
1371	13.70	0.750	0.544	0.465	0.487	0.547	0.576	0.528	0.397	0.210	0.007
1381	13.80	-0.177	-0.325	-0.439	-0.530	-0.604	-0.660	-0.692	-0.698	-0.689	-0.687
1391	13.90	-0.715	-0.781	-0.865	-0.924	-0.899	-0.743	-0.441	-0.021	0.452	0.899
1401	14.00	1.254	1.482	1.592	1.622	1.614	1.597	1.565	1.484	1.302	0.982
1411	14.10	0.519	-0.048	-0.646	-1.188	-1.604	-1.862	-1.974	-1.983	-1.938	-1.866
1421	14.20	-1.752	-1.553	-1.218	-0.725	-0.106	0.546	1.105	1.456	1.542	1.389
1431	14.30	1.098	0.809	0.637	0.633	0.761	0.928	1.036	1.030	0.936	0.842
1441	14.40	0.853	1.034	1.361	1.728	1.980	1.986	1.693	1.151	0.482	-0.174
1451	14.50	-0.725	-1.163	-1.554	-1.990	-2.520	-3.115	-3.661	-4.002	-4.013	-3.649
1461	14.60	-2.969	-2.109	-1.225	-0.434	0.218	0.753	1.221	1.658	2.051	2.347
1471	14.70	2.477	2.405	2.143	1.762	1.355	1.004	0.748	0.576	0.449	0.326
1481	14.80	0.190	0.056	-0.047	-0.093	-0.083	-0.045	-0.016	-0.031	-0.095	-0.193
1491	14.90	-0.301	-0.402	-0.503	-0.629	-0.805	-1.029	-1.267	-1.450	-1.499	-1.358

Table 7-99-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1291 905-PI-1-431 HB. (HB.) OCHIAI BRIDGE MAX. ACC. = 48.965 (GAL) T= 0.24 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-1.012	-0.498	0.111	0.732	1.293	1.748	2.078	2.278	2.347	2.282
1511	15.10	2.080	1.748	1.302	0.771	0.188	-0.417	-1.018	-1.590	-2.101	-2.502
1521	15.20	-2.741	-2.770	-2.571	-2.168	-1.626	-1.040	-0.498	-0.062	0.249	0.452
1531	15.30	0.585	0.681	0.753	0.796	0.800	0.762	0.700	0.646	0.631	0.670
1541	15.40	0.752	0.845	0.917	0.948	0.943	0.927	0.923	0.931	0.920	0.832
1551	15.50	0.608	0.218	-0.317	-0.921	-1.484	-1.897	-2.089	-2.041	-1.794	-1.424
1561	15.60	-1.012	-0.620	-0.277	0.018	0.284	0.538	0.788	1.029	1.245	1.421
1571	15.70	1.544	1.608	1.608	1.542	1.408	1.205	0.944	0.644	0.333	0.043
1581	15.80	-0.206	-0.406	-0.571	-0.727	-0.903	-1.115	-1.357	-1.602	-1.803	-1.919
1591	15.90	-1.925	-1.826	-1.657	-1.469	-1.310	-1.198	-1.115	-1.011	-0.820	-0.491
1601	16.00	-0.015	0.568	1.172	1.698	2.061	2.226	2.210	2.078	1.910	1.773
1611	16.10	1.692	1.646	1.581	1.439	1.176	0.786	0.300	-0.229	-0.744	-1.198
1621	16.20	-1.568	-1.850	-2.053	-2.191	-2.279	-2.329	-2.351	-2.349	-2.317	-2.233
1631	16.30	-2.062	-1.761	-1.298	-0.663	0.106	0.932	1.705	2.313	2.677	2.768
1641	16.40	2.620	2.315	1.958	1.638	1.410	1.283	1.231	1.212	1.187	1.139
1651	16.50	1.070	0.987	0.890	0.765	0.583	0.314	-0.052	-0.492	-0.950	-1.347
1661	16.60	-1.609	-1.687	-1.576	-1.316	-0.976	-0.631	-0.343	-0.141	-0.025	0.025
1671	16.70	0.038	0.032	0.016	-0.014	-0.063	-0.130	-0.208	-0.284	-0.343	-0.380
1681	16.80	-0.397	-0.406	-0.418	-0.443	-0.482	-0.529	-0.570	-0.591	-0.580	-0.532
1691	16.90	-0.450	-0.340	-0.214	-0.084	0.038	0.148	0.242	0.326	0.408	0.495
1701	17.00	0.592	0.697	0.801	0.893	0.966	1.016	1.047	1.065	1.074	1.068
1711	17.10	1.034	0.954	0.810	0.597	0.324	0.016	-0.298	-0.591	-0.845	-1.056
1721	17.20	-1.223	-1.350	-1.430	-1.453	-1.406	-1.281	-1.087	-0.846	-0.592	-0.358
1731	17.30	-0.168	-0.024	0.087	0.193	0.318	0.475	0.660	0.854	1.026	1.148
1741	17.40	1.203	1.187	1.112	0.995	0.859	0.719	0.582	0.449	0.310	0.156
1751	17.50	-0.019	-0.219	-0.438	-0.666	-0.894	-1.112	-1.316	-1.507	-1.681	-1.833
1761	17.60	-1.945	-1.995	-1.953	-1.798	-1.523	-1.139	-0.678	-0.180	0.316	0.777
1771	17.70	1.186	1.535	1.819	2.029	2.148	2.157	2.040	1.798	1.452	1.043
1781	17.80	0.623	0.239	-0.078	-0.315	-0.482	-0.597	-0.680	-0.741	-0.786	-0.813
1791	17.90	-0.821	-0.814	-0.801	-0.789	-0.782	-0.775	-0.759	-0.720	-0.654	-0.561
1801	18.00	-0.452	-0.342	-0.240	-0.150	-0.063	0.030	0.139	0.265	0.403	0.541
1811	18.10	0.669	0.786	0.897	1.012	1.138	1.272	1.399	1.495	1.537	1.505
1821	18.20	1.394	1.213	0.980	0.717	0.443	0.171	-0.092	-0.343	-0.581	-0.808
1831	18.30	-1.024	-1.232	-1.431	-1.613	-1.766	-1.868	-1.893	-1.823	-1.656	-1.407
1841	18.40	-1.114	-0.819	-0.562	-0.363	-0.218	-0.102	0.016	0.163	0.347	0.557
1851	18.50	0.768	0.954	1.099	1.201	1.268	1.310	1.326	1.303	1.216	1.041
1861	18.60	0.771	0.417	0.016	-0.383	-0.731	-0.990	-1.146	-1.204	-1.181	-1.098
1871	18.70	-0.972	-0.813	-0.626	-0.418	-0.201	0.011	0.201	0.355	0.468	0.539
1881	18.80	0.572	0.574	0.547	0.490	0.406	0.300	0.183	0.072	-0.017	-0.075
1891	18.90	-0.105	-0.121	-0.144	-0.193	-0.273	-0.375	-0.475	-0.542	-0.554	-0.503
1901	19.00	-0.398	-0.267	-0.140	-0.042	0.020	0.055	0.081	0.118	0.177	0.253
1911	19.10	0.332	0.399	0.446	0.477	0.508	0.557	0.632	0.729	0.824	0.888
1921	19.20	0.897	0.840	0.729	0.590	0.454	0.344	0.267	0.215	0.169	0.116
1931	19.30	0.051	-0.013	-0.058	-0.068	-0.034	0.037	0.127	0.215	0.284	0.328
1941	19.40	0.353	0.368	0.382	0.404	0.434	0.470	0.512	0.556	0.602	0.644
1951	19.50	0.673	0.676	0.642	0.563	0.444	0.298	0.146	0.007	-0.104	-0.182
1961	19.60	-0.231	-0.259	-0.276	-0.289	-0.304	-0.323	-0.348	-0.382	-0.423	-0.467
1971	19.70	-0.505	-0.530	-0.533	-0.512	-0.474	-0.427	-0.384	-0.352	-0.338	-0.341
1981	19.80	-0.361	-0.394	-0.440	-0.494	-0.550	-0.598	-0.629	-0.640	-0.633	-0.625
1991	19.90	-0.631	-0.668	-0.736	-0.824	-0.907	-0.959	-0.962	-0.918	-0.844	-0.763

Table 7-99-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1291 905-PI-1-431 HB. (HB.) OCHIAI BRIDGE MAX. ACC. = 48.965 (GAL) T= 0.24 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.695	-0.646	-0.603	-0.547	-0.459	-0.334	-0.184	-0.027	0.117	0.242
2011	20.10	0.355	0.472	0.599	0.732	0.844	0.901	0.878	0.771	0.606	0.427
2021	20.20	0.277	0.176	0.112	0.043	-0.081	-0.293	-0.585	-0.912	-1.202	-1.385
2031	20.30	-1.420	-1.310	-1.096	-0.841	-0.602	-0.413	-0.276	-0.170	-0.065	0.059
2041	20.40	0.206	0.367	0.527	0.675	0.808	0.930	1.040	1.136	1.205	1.233
2051	20.50	1.210	1.140	1.038	0.925	0.825	0.748	0.697	0.660	0.624	0.580
2061	20.60	0.524	0.460	0.397	0.340	0.292	0.248	0.205	0.158	0.105	0.047
2071	20.70	-0.012	-0.069	-0.122	-0.171	-0.218	-0.264	-0.312	-0.363	-0.420	-0.479
2081	20.80	-0.539	-0.595	-0.644	-0.686	-0.724	-0.764	-0.808	-0.857	-0.899	-0.917
2091	20.90	-0.893	-0.813	-0.680	-0.559	-0.330	-0.172	-0.053	0.027	0.086	0.148
2101	21.00	0.234	0.348	0.481	0.608	0.711	0.785	0.842	0.910	1.010	1.148
2111	21.10	1.307	1.448	1.525	1.504	1.380	1.171	0.922	0.674	0.462	0.293
2121	21.20	0.160	0.041	-0.079	-0.205	-0.331	-0.444	-0.534	-0.603	-0.658	-0.710
2131	21.30	-0.766	-0.822	-0.864	-0.875	-0.844	-0.773	-0.674	-0.568	-0.472	-0.398
2141	21.40	-0.345	-0.305	-0.267	-0.222	-0.168	-0.110	-0.050	0.007	0.062	0.117
2151	21.50	0.174	0.230	0.281	0.321	0.346	0.357	0.359	0.358	0.360	0.366
2161	21.60	0.370	0.366	0.349	0.317	0.277	0.235	0.200	0.177	0.163	0.154
2171	21.70	0.143	0.127	0.105	0.082	0.060	0.041	0.021	-0.006	-0.047	-0.107
2181	21.80	-0.184	-0.270	-0.354	-0.428	-0.487	-0.532	-0.572	-0.615	-0.668	-0.732
2191	21.90	-0.804	-0.874	-0.938	-0.993	-1.062	-1.091	-1.141	-1.188	-1.217	-1.208
2201	22.00	-1.143	-1.011	-0.817	-0.582	-0.336	-0.108	0.082	0.235	0.366	0.500
2211	22.10	0.659	0.849	1.055	1.248	1.386	1.437	1.385	1.233	1.007	0.740
2221	22.20	0.467	0.213	-0.008	-0.192	-0.339	-0.450	-0.524	-0.558	-0.553	-0.515
2231	22.30	-0.457	-0.395	-0.346	-0.322	-0.322	-0.337	-0.347	-0.328	-0.257	-0.119
2241	22.40	0.090	0.358	0.657	0.952	1.202	1.376	1.457	1.445	1.364	1.248
2251	22.50	1.132	1.042	0.988	0.957	0.926	0.871	0.774	0.636	0.474	0.312
2261	22.60	0.177	0.078	0.011	-0.043	-0.108	-0.203	-0.332	-0.484	-0.631	-0.746
2271	22.70	-0.805	-0.801	-0.739	-0.640	-0.527	-0.419	-0.329	-0.260	-0.208	-0.164
2281	22.80	-0.122	-0.077	-0.030	0.019	0.065	0.103	0.130	0.144	0.146	0.142
2291	22.90	0.138	0.144	0.166	0.206	0.257	0.307	0.342	0.348	0.318	0.254
2301	23.00	0.166	0.065	-0.036	-0.133	-0.222	-0.307	-0.387	-0.453	-0.512	-0.540
2311	23.10	-0.536	-0.496	-0.434	-0.366	-0.300	-0.253	-0.228	-0.218	-0.215	-0.209
2321	23.20	-0.193	-0.167	-0.135	-0.102	-0.073	-0.050	-0.031	-0.015	0.001	0.019
2331	23.30	0.060	0.066	0.094	0.124	0.153	0.177	0.193	0.203	0.211	0.226
2341	23.40	0.254	0.299	0.353	0.399	0.417	0.385	0.292	0.144	-0.042	-0.239
2351	23.50	-0.423	-0.578	-0.701	-0.800	-0.888	-0.973	-1.054	-1.120	-1.154	-1.143
2361	23.60	-1.083	-0.978	-0.840	-0.685	-0.527	-0.372	-0.224	-0.082	0.051	0.175
2371	23.70	0.286	0.384	0.471	0.550	0.620	0.679	0.717	0.722	0.685	0.607
2381	23.80	0.499	0.382	0.278	0.205	0.165	0.147	0.132	0.100	0.045	-0.031
2391	23.90	-0.111	-0.177	-0.220	-0.240	-0.255	-0.284	-0.343	-0.432	-0.534	-0.620
2401	24.00	-0.659	-0.629	-0.525	-0.358	-0.154	0.062	0.267	0.449	0.603	0.727
2411	24.10	0.815	0.857	0.845	0.776	0.658	0.515	0.376	0.269	0.209	0.192
2421	24.20	0.199	0.200	0.172	0.107	0.016	-0.078	-0.150	-0.186	-0.191	-0.188
2431	24.30	-0.205	-0.263	-0.364	-0.484	-0.585	-0.625	-0.575	-0.429	-0.206	0.061
2441	24.40	0.337	0.594	0.817	1.000	1.139	1.225	1.244	1.181	1.032	0.812
2451	24.50	0.556	0.313	0.128	0.030	0.021	0.076	0.151	0.207	0.216	0.174
2461	24.60	0.097	0.012	-0.059	-0.107	-0.137	-0.163	-0.200	-0.253	-0.319	-0.384
2471	24.70	-0.438	-0.475	-0.500	-0.526	-0.565	-0.625	-0.698	-0.772	-0.825	-0.844
2481	24.80	-0.823	-0.770	-0.701	-0.635	-0.587	-0.563	-0.557	-0.557	-0.545	-0.508
2491	24.90	-0.438	-0.337	-0.215	-0.085	0.036	0.138	0.215	0.271	0.318	0.366

Table 7-99-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1291 905-PI-1-431 HB. (HB.) OCHIAI BRIDGE MAX. ACC. = 48.965 (GAL) T= 0.24 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.425	0.497	0.578	0.656	0.723	0.776	0.819	0.866	0.932	1.022
2511	25.10	1.130	1.234	1.305	1.314	1.247	1.110	0.928	0.738	0.572	0.452
2521	25.20	0.375	0.325	0.276	0.205	0.106	-0.013	-0.134	-0.239	-0.320	-0.383
2531	25.30	-0.446	-0.527	-0.634	-0.763	-0.891	-0.990	-1.036	-1.018	-0.947	-0.843
2541	25.40	-0.735	-0.640	-0.563	-0.492	-0.407	-0.290	-0.134	0.047	0.230	0.383
2551	25.50	0.481	0.515	0.492	0.433	0.363	0.302	0.259	0.230	0.204	0.168
2561	25.60	0.114	0.042	-0.041	-0.125	-0.200	-0.263	-0.313	-0.354	-0.389	-0.420
2571	25.70	-0.448	-0.472	-0.494	-0.521	-0.556	-0.604	-0.660	-0.715	-0.753	-0.760
2581	25.80	-0.725	-0.650	-0.547	-0.436	-0.336	-0.263	-0.217	-0.189	-0.165	-0.130
2591	25.90	-0.076	-0.006	0.070	0.138	0.190	0.226	0.256	0.291	0.343	0.414
2601	26.00	0.494	0.566	0.611	0.615	0.575	0.499	0.406	0.314	0.240	0.188
2611	26.10	0.155	0.129	0.101	0.053	0.015	-0.039	-0.091	-0.134	-0.165	-0.187
2621	26.20	-0.202	-0.214	-0.226	-0.239	-0.253	-0.269	-0.289	-0.315	-0.347	-0.382
2631	26.30	-0.414	-0.432	-0.430	-0.401	-0.349	-0.281	-0.209	-0.144	-0.091	-0.054
2641	26.40	-0.026	-0.001	0.026	0.061	0.101	0.146	0.192	0.236	0.277	0.315
2651	26.50	0.347	0.371	0.385	0.386	0.376	0.361	0.346	0.337	0.338	0.349
2661	26.60	0.364	0.379	0.387	0.387	0.383	0.378	0.377	0.383	0.396	0.410
2671	26.70	0.419	0.418	0.406	0.383	0.355	0.330	0.312	0.303	0.301	0.298
2681	26.80	0.290	0.268	0.233	0.186	0.134	0.083	0.038	0.001	-0.031	-0.061
2691	26.90	-0.095	-0.133	-0.174	-0.214	-0.250	-0.281	-0.310	-0.343	-0.384	-0.434
2701	27.00	-0.486	-0.527	-0.543	-0.525	-0.472	-0.394	-0.309	-0.234	-0.182	-0.154
2711	27.10	-0.143	-0.136	-0.117	-0.081	-0.029	0.032	0.089	0.130	0.149	0.142
2721	27.20	0.110	0.053	-0.023	-0.112	-0.204	-0.287	-0.350	-0.388	-0.404	-0.414
2731	27.30	-0.435	-0.484	-0.566	-0.668	-0.762	-0.814	-0.797	-0.698	-0.532	-0.327
2741	27.40	-0.121	0.053	0.182	0.273	0.348	0.430	0.537	0.669	0.810	0.936
2751	27.50	1.024	1.063	1.057	1.020	0.969	0.916	0.867	0.817	0.760	0.692
2761	27.60	0.616	0.540	0.473	0.422	0.386	0.356	0.323	0.278	0.218	0.148
2771	27.70	0.079	0.020	-0.023	-0.049	-0.063	-0.071	-0.078	-0.089	-0.101	-0.114
2781	27.80	-0.127	-0.142	-0.160	-0.182	-0.208	-0.233	-0.254	-0.269	-0.279	-0.289
2791	27.90	-0.304	-0.326	-0.353	-0.381	-0.405	-0.420	-0.429	-0.438	-0.454	-0.481
2801	28.00	-0.516	-0.551	-0.576	-0.587	-0.587	-0.586	-0.600	-0.635	-0.688	-0.743
2811	28.10	-0.772	-0.754	-0.675	-0.543	-0.382	-0.222	-0.088	0.008	0.077	0.137
2821	28.20	0.211	0.310	0.426	0.537	0.615	0.641	0.610	0.536	0.448	0.372
2831	28.30	0.327	0.314	0.320	0.327	0.318	0.290	0.248	0.208	0.180	0.169
2841	28.40	0.171	0.173	0.162	0.132	0.082	0.020	-0.045	-0.110	-0.173	-0.240
2851	28.50	-0.313	-0.392	-0.468	-0.525	-0.550	-0.536	-0.486	-0.412	-0.335	-0.272
2861	28.60	-0.232	-0.214	-0.208	-0.202	-0.186	-0.156	-0.118	-0.079	-0.047	-0.025
2871	28.70	-0.009	0.006	0.028	0.057	0.092	0.126	0.155	0.177	0.194	0.213
2881	28.80	0.236	0.266	0.301	0.333	0.361	0.381	0.399	0.419	0.446	0.478
2891	28.90	0.511	0.535	0.545	0.540	0.528	0.519	0.526	0.550	0.586	0.621
2901	29.00	0.637	0.623	0.577	0.505	0.422	0.340	0.265	0.196	0.126	0.047
2911	29.10	-0.044	-0.140	-0.231	-0.309	-0.371	-0.423	-0.479	-0.552	-0.647	-0.758
2921	29.20	-0.864	-0.942	-0.969	-0.939	-0.857	-0.745	-0.629	-0.532	-0.464	-0.425
2931	29.30	-0.404	-0.385	-0.356	-0.313	-0.257	-0.196	-0.137	-0.084	-0.041	-0.006
2941	29.40	0.021	0.038	0.046	0.046	0.040	0.034	0.032	0.040	0.056	0.078
2951	29.50	0.098	0.112	0.115	0.109	0.099	0.091	0.089	0.093	0.102	0.111
2961	29.60	0.116	0.116	0.113	0.110	0.111	0.115	0.122	0.129	0.133	0.134
2971	29.70	0.132	0.130	0.131	0.135	0.141	0.147	0.151	0.153	0.153	0.153
2981	29.80	0.152	0.151	0.148	0.141	0.130	0.118	0.106	0.099	0.096	0.096
2991	29.90	0.097	0.094	0.086	0.075	0.064	0.057	0.054	0.055	0.056	0.053

Table 7-99-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1291 905-PI-1-431 HB. (HB.) OCHIAI BRIDGE MAX. ACC. = 48.965 (GAL) T= 0.24 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	0.044	0.032	0.020	0.012	0.011	0.015	0.019	0.017	0.004	-0.019
3011	30.10	-0.048	-0.078	-0.102	-0.120	-0.134	-0.149	-0.167	-0.191	-0.218	-0.241
3021	30.20	-0.258	-0.268	-0.276	-0.287	-0.309	-0.341	-0.379	-0.412	-0.428	-0.418
3031	30.30	-0.377	-0.311	-0.230	-0.144	-0.065	0.000	0.051	0.091	0.125	0.160
3041	30.40	0.200	0.248	0.306	0.371	0.437	0.496	0.540	0.561	0.555	0.527
3051	30.50	0.482	0.433	0.391	0.363	0.349	0.347	0.347	0.344	0.332	0.313
3061	30.60	0.289	0.268	0.251	0.241	0.234	0.227	0.216	0.199	0.179	0.159
3071	30.70	0.143	0.131	0.123	0.115	0.103	0.087	0.068	0.049	0.032	0.021
3081	30.80	0.012	0.003	-0.008	-0.025	-0.044	-0.064	-0.080	-0.091	-0.099	-0.107
3091	30.90	-0.119	-0.136	-0.157	-0.177	-0.193	-0.204	-0.210	-0.216	-0.228	-0.247
3101	31.00	-0.270	-0.293	-0.310	-0.317	-0.319	-0.322	-0.333	-0.357	-0.391	-0.422
3111	31.10	-0.439	-0.432	-0.397	-0.342	-0.279	-0.220	-0.174	-0.138	-0.107	-0.073
3121	31.20	-0.034	0.003	0.029	0.031	0.005	-0.042	-0.097	-0.143	-0.169	-0.175
3131	31.30	-0.168	-0.166	-0.173	-0.199	-0.235	-0.267	-0.285	-0.286	-0.278	-0.275
3141	31.40	-0.291	-0.328	-0.377	-0.420	-0.434	-0.406	-0.335	-0.231	-0.115	-0.004
3151	31.50	0.094	0.178	0.257	0.336	0.413	0.479	0.519	0.519	0.427	0.401
3161	31.60	0.313	0.234	0.181	0.159	0.159	0.164	0.159	0.134	0.092	0.044
3171	31.70	0.002	-0.025	-0.036	-0.040	-0.047	-0.064	-0.093	-0.128	-0.160	-0.182
3181	31.80	-0.193	-0.198	-0.207	-0.227	-0.262	-0.304	-0.344	-0.366	-0.361	-0.326
3191	31.90	-0.268	-0.198	-0.127	-0.065	-0.016	0.020	0.048	0.073	0.101	0.136
3201	32.00	0.178	0.227	0.279	0.328	0.365	0.382	0.373	0.340	0.289	0.232
3211	32.10	0.183	0.151	0.136	0.133	0.131	0.122	0.101	0.070	0.038	0.015
3221	32.20	0.004	0.003	0.002	-0.007	-0.033	-0.071	-0.111	-0.136	-0.132	-0.090
3231	32.30	-0.015	0.078	0.171	0.248	0.303	0.338	0.364	0.396	0.442	0.505
3241	32.40	0.576	0.643	0.692	0.712	0.701	0.666	0.615	0.562	0.514	0.473
3251	32.50	0.437	0.401	0.357	0.303	0.242	0.179	0.120	0.071	0.034	0.003
3261	32.60	-0.028	-0.068	-0.119	-0.182	-0.249	-0.309	-0.351	-0.369	-0.362	-0.333
3271	32.70	-0.294	-0.253	-0.219	-0.197	-0.186	-0.183	-0.181	-0.177	-0.169	-0.155
3281	32.80	-0.138	-0.121	-0.107	-0.096	-0.088	-0.081	-0.074	-0.063	-0.050	-0.034
3291	32.90	-0.018	-0.003	0.007	0.012	0.012	0.010	0.008	0.006	0.005	0.006
3301	33.00	0.008	0.010	0.011	0.013	0.015	0.018	0.020	0.022	0.024	0.025
3311	33.10	0.026	0.027	0.028	0.031	0.034	0.036	0.039	0.040	0.041	0.041
3321	33.20	0.043	0.045	0.047	0.051	0.054	0.056	0.058	0.057	0.057	0.057
3331	33.30	0.059	0.065	0.073	0.080	0.083	0.075	0.054	0.019	-0.026	-0.073
3341	33.40	-0.116	-0.151	-0.176	-0.195	-0.213	-0.235	-0.264	-0.297	-0.332	-0.363
3351	33.50	-0.390	-0.413	-0.434	-0.457	-0.481	-0.503	-0.520	-0.531	-0.537	-0.543
3361	33.60	-0.556	-0.580	-0.613	-0.646	-0.669	-0.670	-0.645	-0.597	-0.536	-0.475
3371	33.70	-0.425	-0.390	-0.368	-0.350	-0.330	-0.302	-0.266	-0.228	-0.193	-0.162
3381	33.80	-0.137	-0.113	-0.086	-0.055	-0.019	0.018	0.052	0.077	0.095	0.105
3391	33.90	0.112	0.120	0.131	0.147	0.167	0.189	0.209	0.227	0.241	0.253
3401	34.00	0.266	0.282	0.304	0.330	0.356	0.374	0.377	0.360	0.321	0.267
3411	34.10	0.206	0.148	0.101	0.079	0.056	0.057	0.072	0.102	0.145	0.200
3421	34.20	0.261	0.315	0.350	0.353	0.320	0.253	0.167	0.080	0.011	-0.028
3431	34.30	-0.035	-0.015	0.020	0.058	0.091	0.118	0.141	0.161	0.178	0.188
3441	34.40	0.182	0.154	0.099	0.022	-0.065	-0.146	-0.206	-0.237	-0.241	-0.230
3451	34.50	-0.221	-0.227	-0.254	-0.292	-0.323	-0.328	-0.290	-0.208	-0.097	0.020
3461	34.60	0.121	0.191	0.232	0.259	0.290	0.340	0.412	0.496	0.575	0.635
3471	34.70	0.673	0.696	0.714	0.738	0.764	0.776	0.757	0.691	0.581	0.447
3481	34.80	0.318	0.221	0.169	0.154	0.156	0.155	0.143	0.136	0.159	0.237
3491	34.90	0.375	0.541	0.682	0.733	0.650	0.432	0.122	-0.201	-0.453	-0.576

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26) 建設省土木研究所ダム部フィルダム研究室：ダムサイト岩盤における地震動，土木研究所資料1789号，昭和57年2月。
27) 佐々木，柴原，相沢，吉見：強震観測情報データベース，土木技術資料Vol. 29－9，昭和62年9月。

謝　辞

本資料に収録された強震記録は，付録－1 強震観測網の現状において掲げる機関・事務所等で管理している強震計で得られたものであり，多忙な業務の合間を縫い観測に協力された諸機関の観測担当者の努力の成果である。ここに観測に携わった方々の地道な努力に敬意を表します。

付録－1　強震観測網の現況

昭和63年3月31日現在，建設省が所掌する公共土木施設において実施されている強震観測箇所は，総数322箇所である。設置対象は，橋梁，沈埋トンネル等の道路施設，堤防，堰等の河川施設，ダム施設，下水施設であり，設置されている強震計は大別してSMAC型強震計，電磁式強震計及び普及型強震計である。Table A1－1～Table A1－4には，施設別，強震計型式別，設置機関別の設置箇所数，台数を示す。またFigure A1－1～Figure A1－8には，施設別，強震計型式別の設置位置を示す。さらに，Table A1－5～Table A1－7には，強震計型式別の観測所概要を示す。

Table A1—1　公共土木施設への強震計設置状況

昭和63年3月31日現在

対象施設	箇所数	強震計型式		
		SMAC型 箇所数（台数）	電磁式 箇所数(成分数)	普及型 箇所数（台数）
道路施設 （橋梁，沈埋トンネル，橋梁建設予定地点）	172	126（251）	30（389）	16（95）
河川施設 （堤防，堰，水門）	38	25（51）	6（40）	7（17）
ダム施設	106	24（52）	49（448）	33（73）
下水道施設 （管渠，処理場）	6	6（13）	0	0
合計	322	181（367）	85（877）	56（185）

Table A1—2　道路施設への強震計設置状況（機関別）

昭和63年3月31日現在

設置機関	箇所数	強震計型式		
		SMAC型 箇所数（台数）	電磁式 箇所数(成分数)	普及型 箇所数（台数）
建設省	41	27（55）	8（93）	6（27）
北海道開発局	26	20（42）	5（33）	1（2）
沖縄総合事務局	0	0	0	0
日本道路公団	30	16（30）	7（132）	7（28）
首都高速道路公団	14	10（24）	2（18）	2（38）
阪神高速道路公団	3	2（4）	1（12）	0
本州四国連絡橋公団	12	7（7）	5（85）	0
都道府県	46	44（89）	2（16）	0
合計	172	126（251）	30（389）	16（95）

Table A1—3　河川施設への強震計設置状況（機関別）

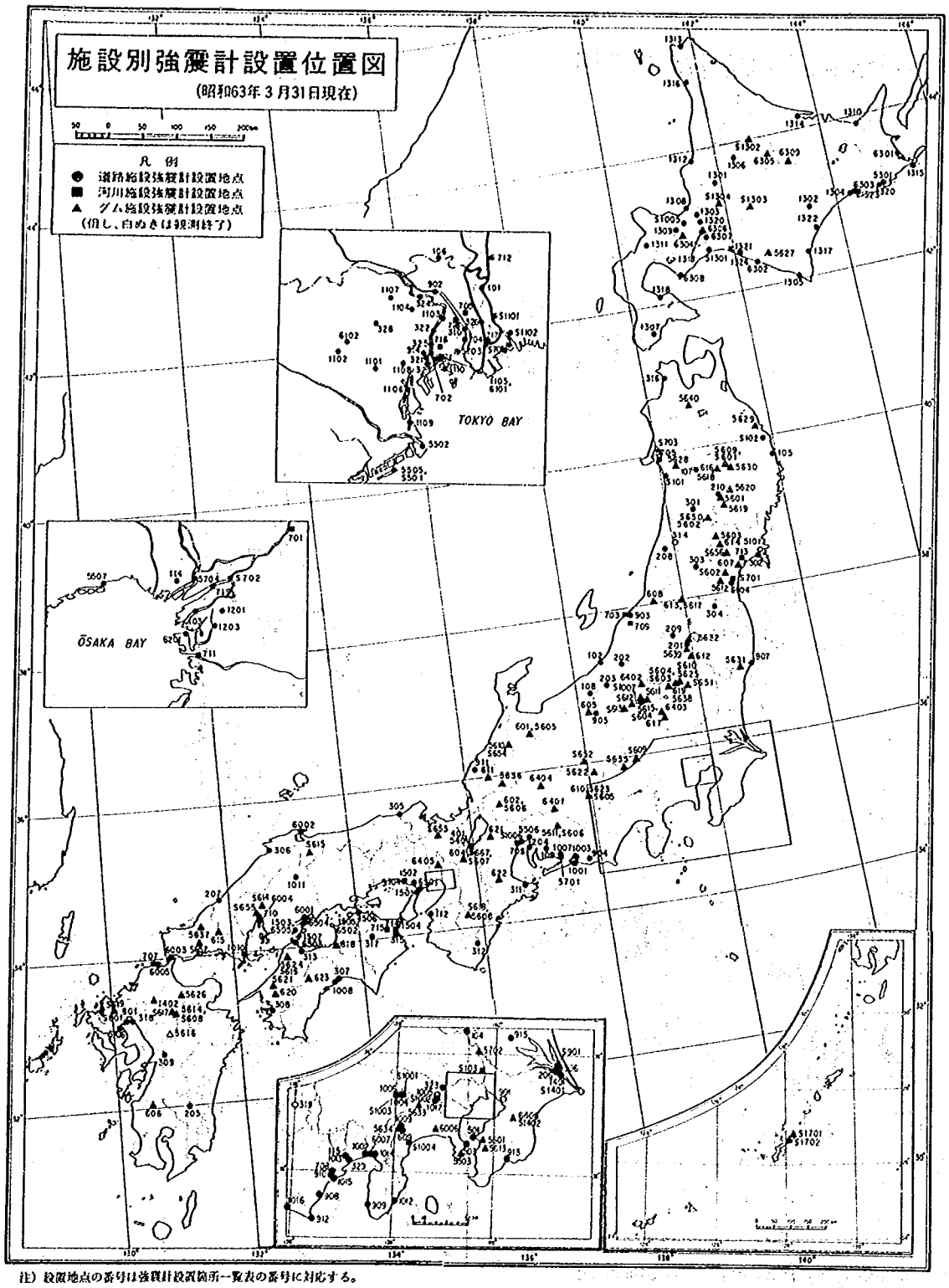
昭和63年3月31日現在

設置機関	箇所数	強震計型式		
		SMAC型 箇所数（台数）	電磁式 箇所数(成分数)	普及型 箇所数（台数）
建設省	23	14（29）	5（31）	4（10）
北海道開発局	4	4（8）	0	0
水資源開発公団	3	1（2）	0	2（5）
都道府県	8	6（12）	1（9）	1（2）
合計	38	25（51）	6（40）	7（17）

Table A1—4　ダム施設への強震計設置状況（機関別）

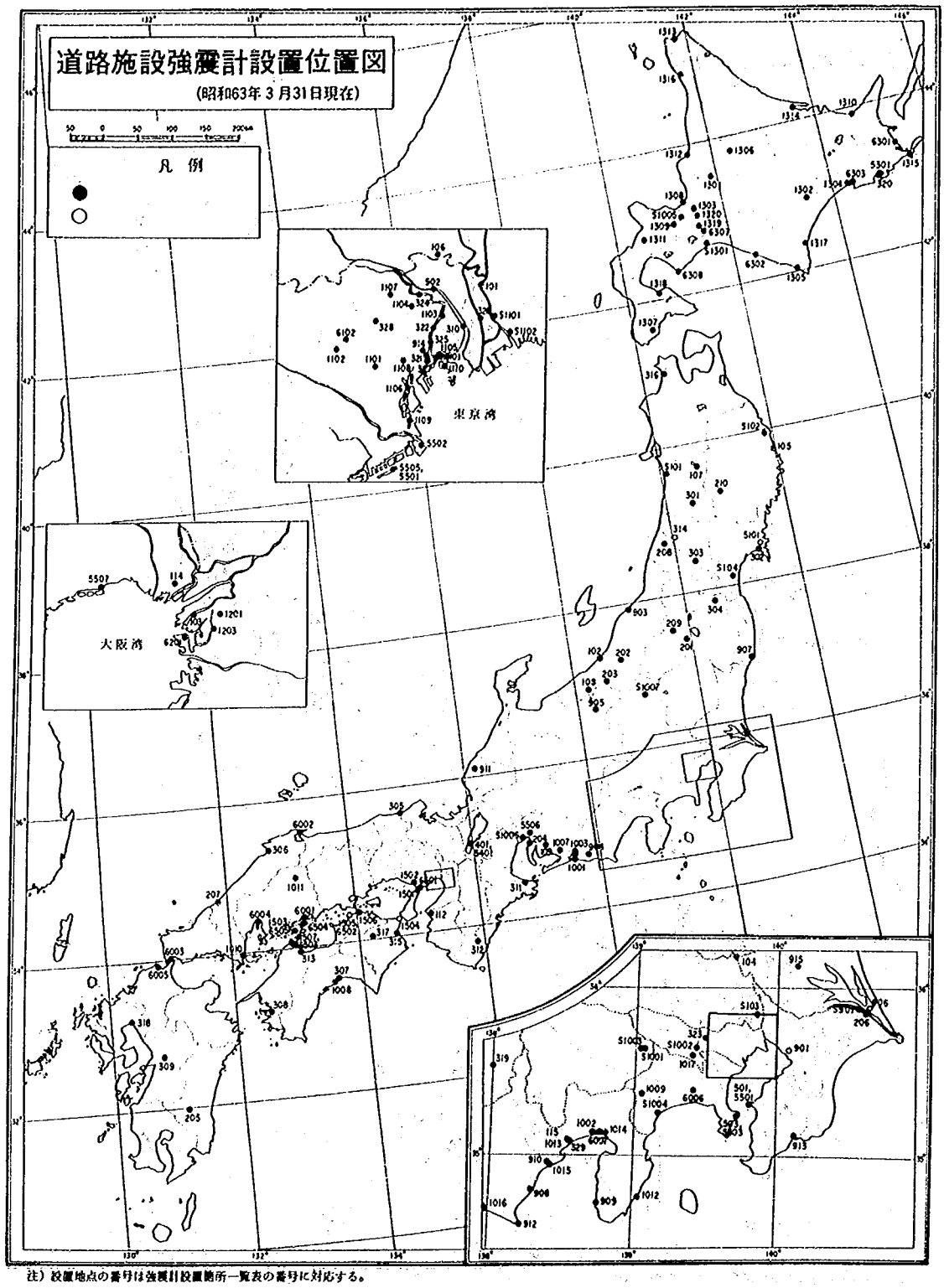
昭和63年3月31日現在

設置機関	箇所数	強震計型式		
		SMAC型 箇所数（台数）	電磁式 箇所数(成分数)	普及型 箇所数（台数）
建設省	58	15（33）	24（211）	19（43）
北海道開発局	7	0	4（43）	3（3）
沖縄総合事務局	2	0	0	2（3）
水資源開発公団	8	1（2）	6（70）	1（3）
都道府県	31	8（17）	15（124）	8（21）
合計	106	24（52）	49（448）	33（73）



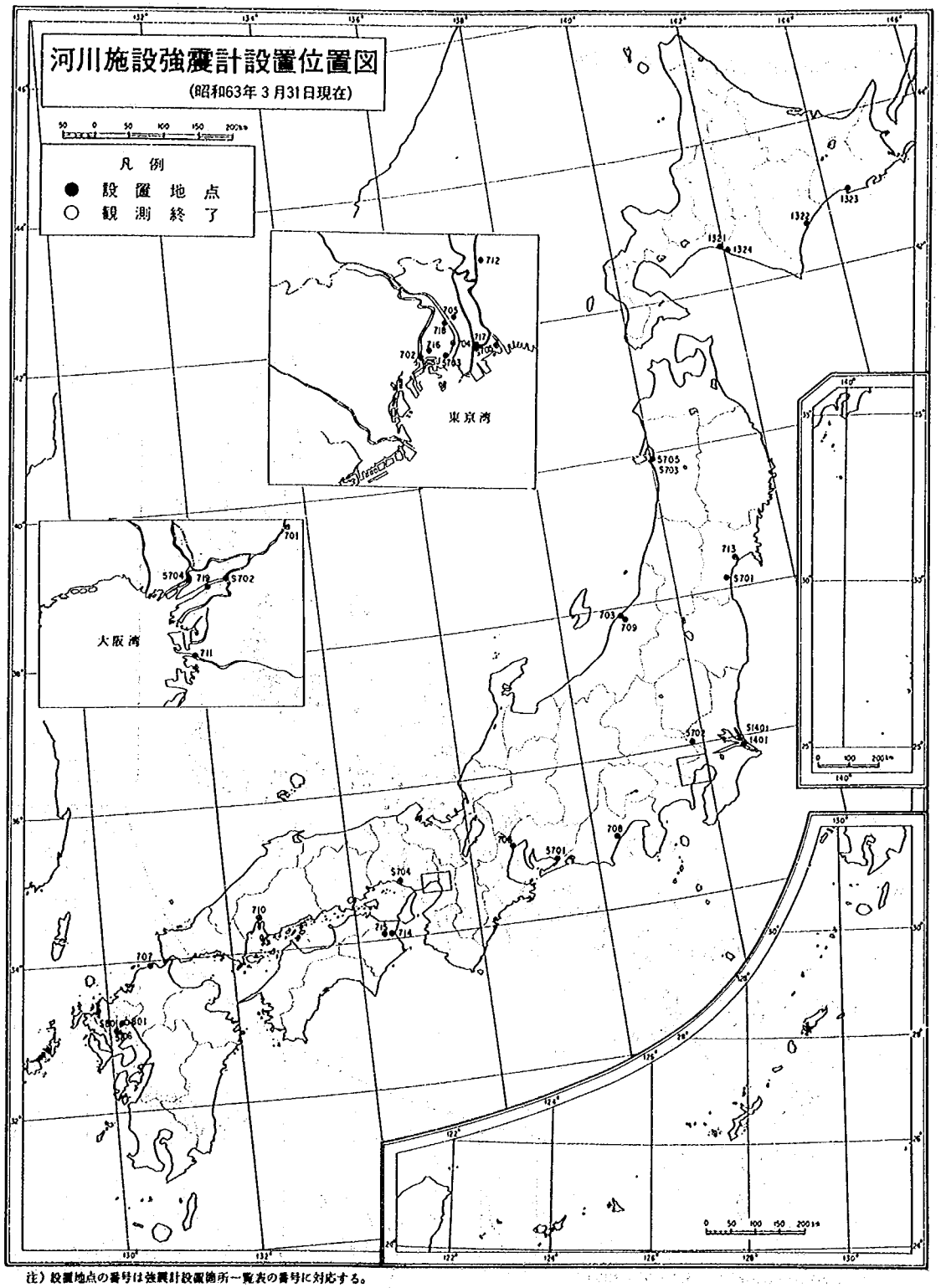
注) 設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1-1 施設別強震計設置位置図 (昭和 63 年 3 月 31 日現在)



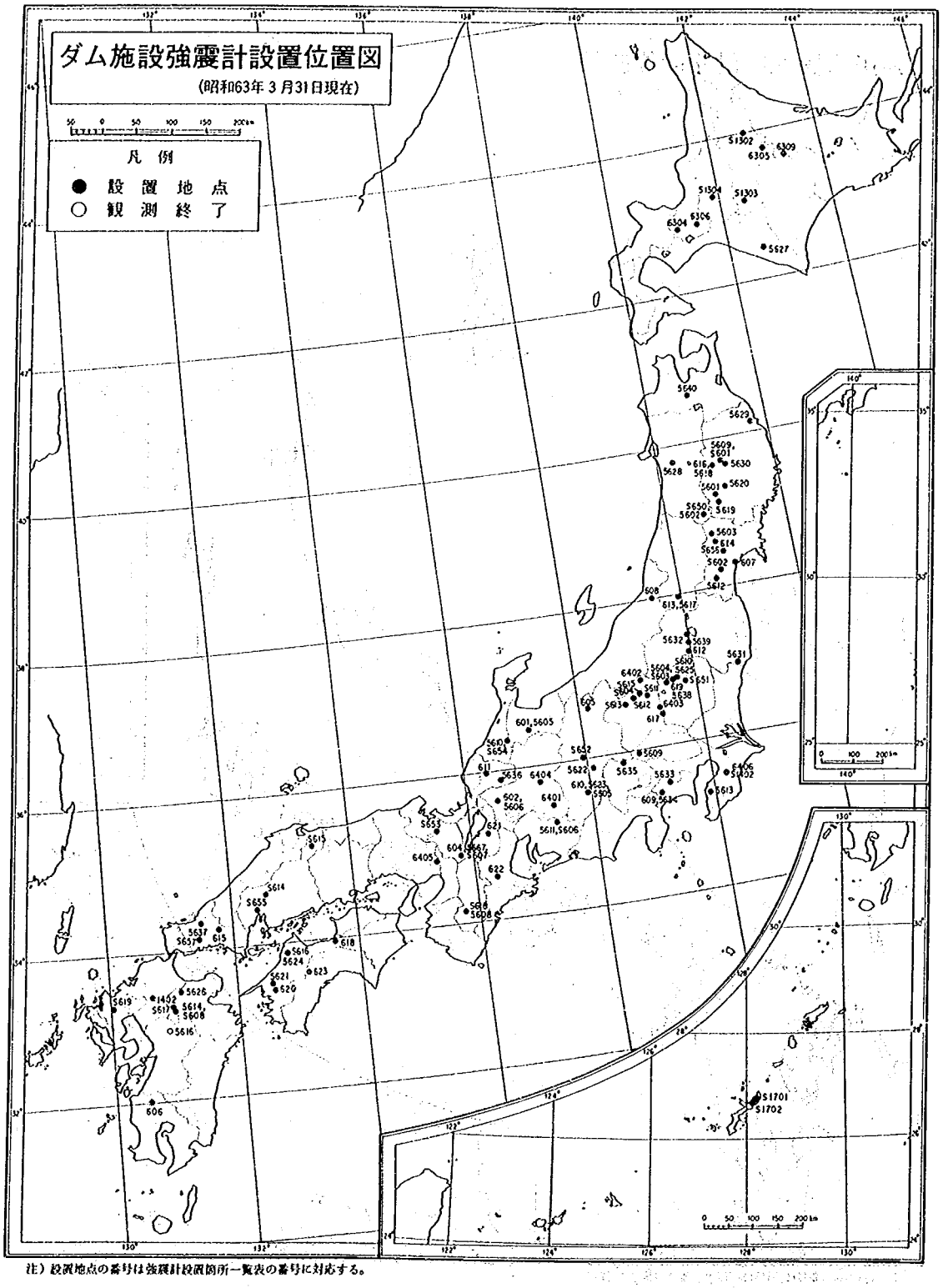
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1-2 道路施設強震計設置位置図（昭和 63 年 3 月 31 日現在）



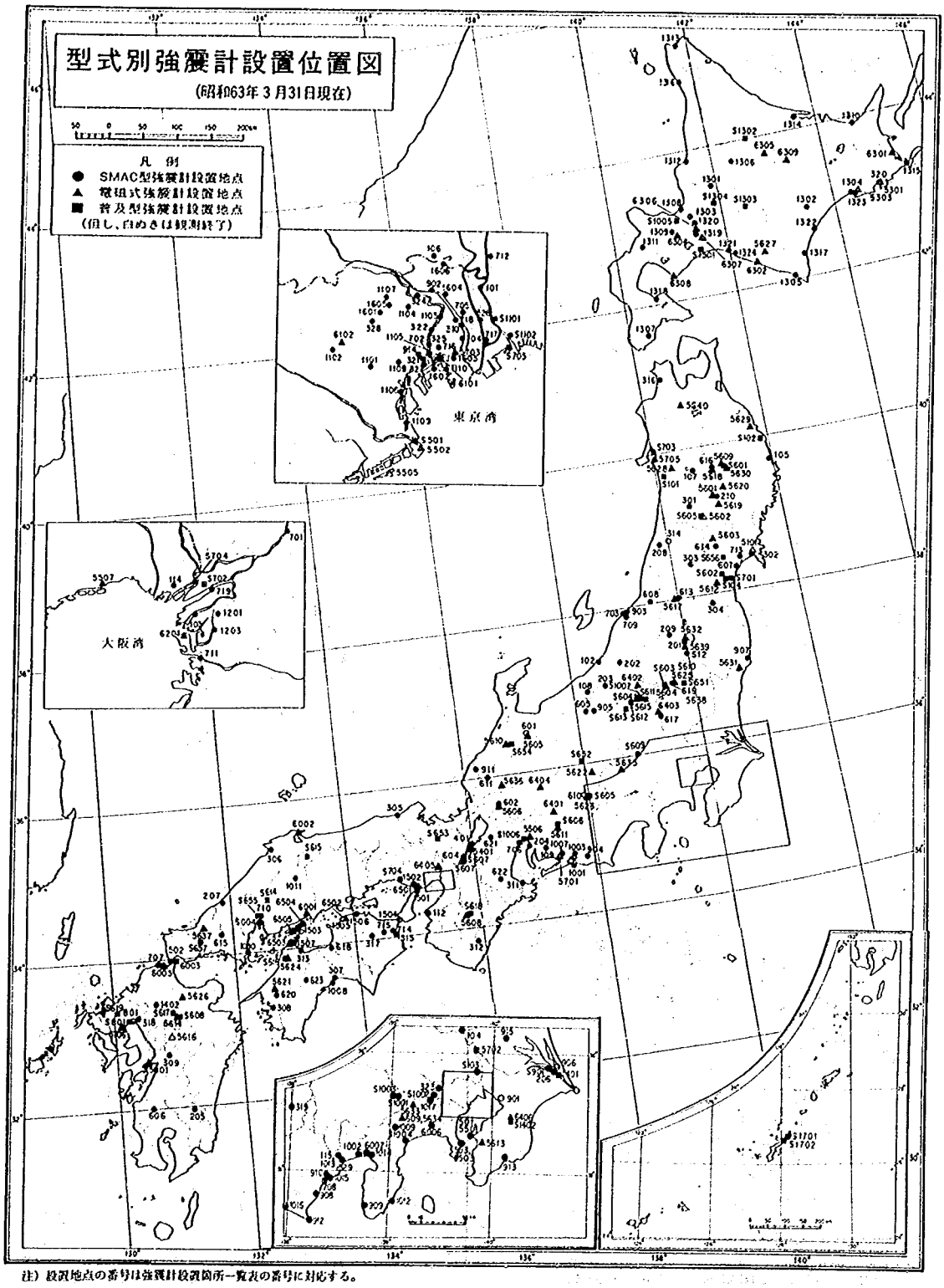
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1-3 河川施設強震計設置位置図（昭和63年3月31日現在）



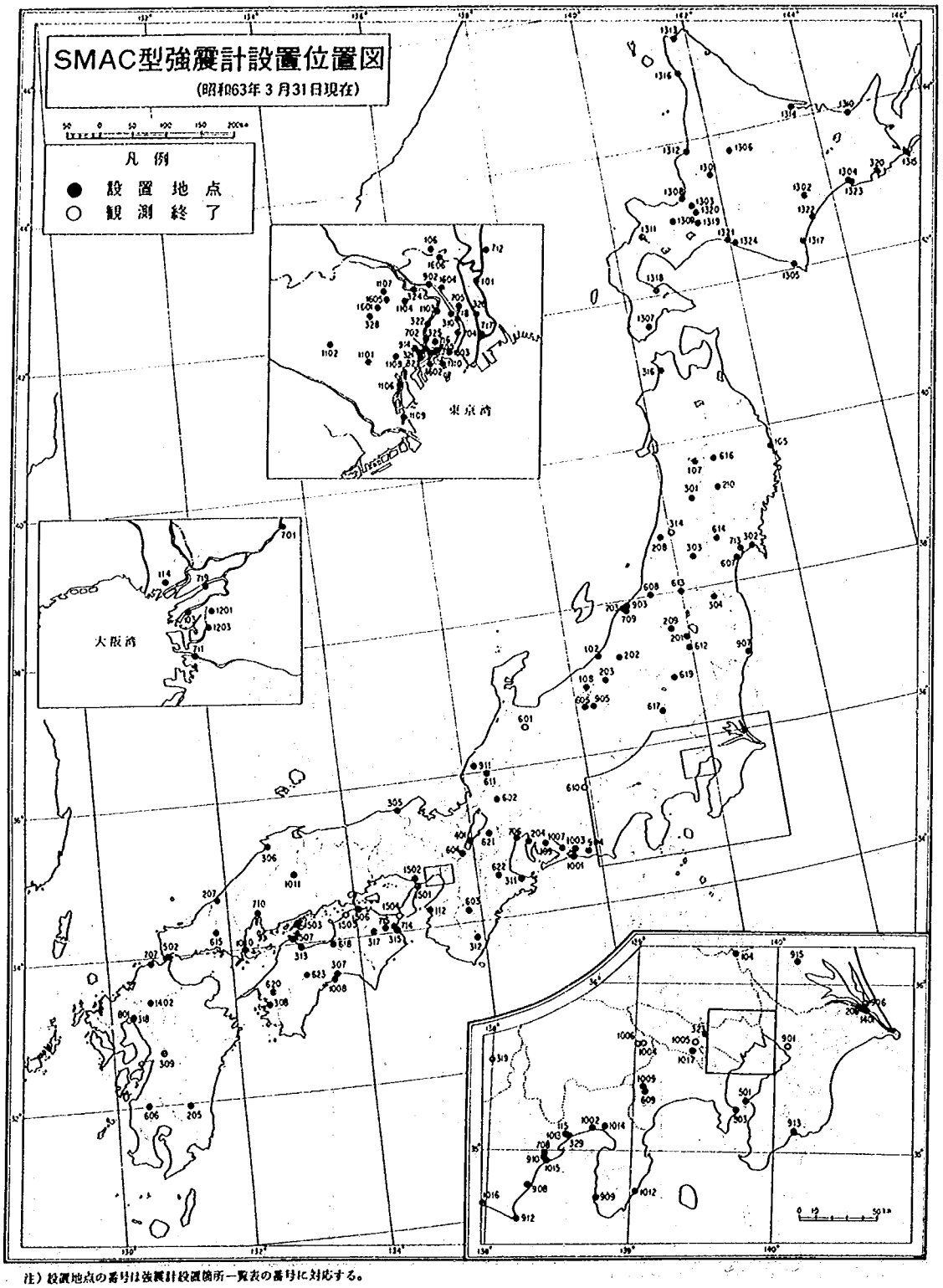
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1-4 ダム施設強震計設置位置図（昭和 63 年 3 月 31 日現在）



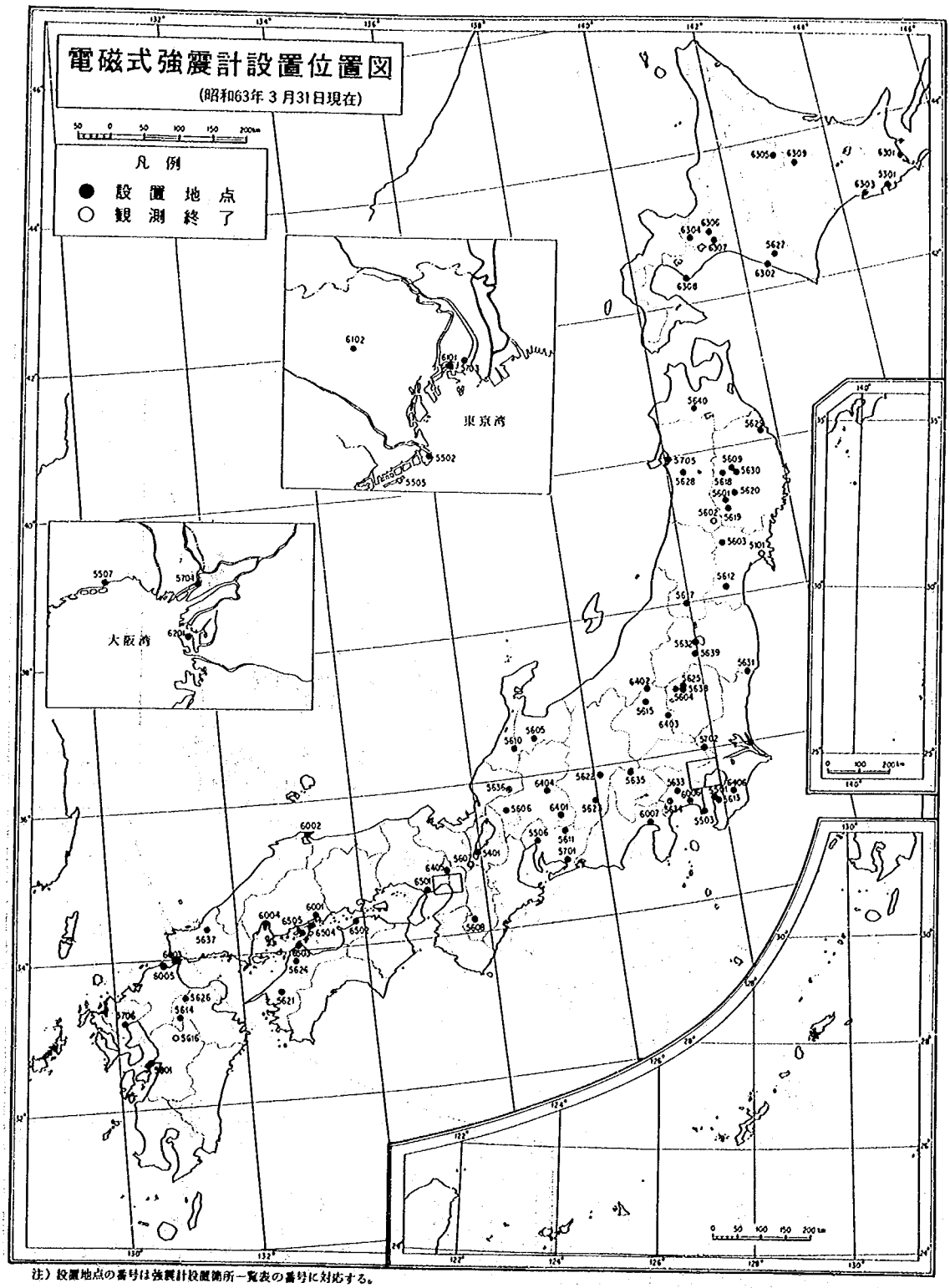
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1-5 型式別強震計設置位置図（昭和63年3月31日現在）



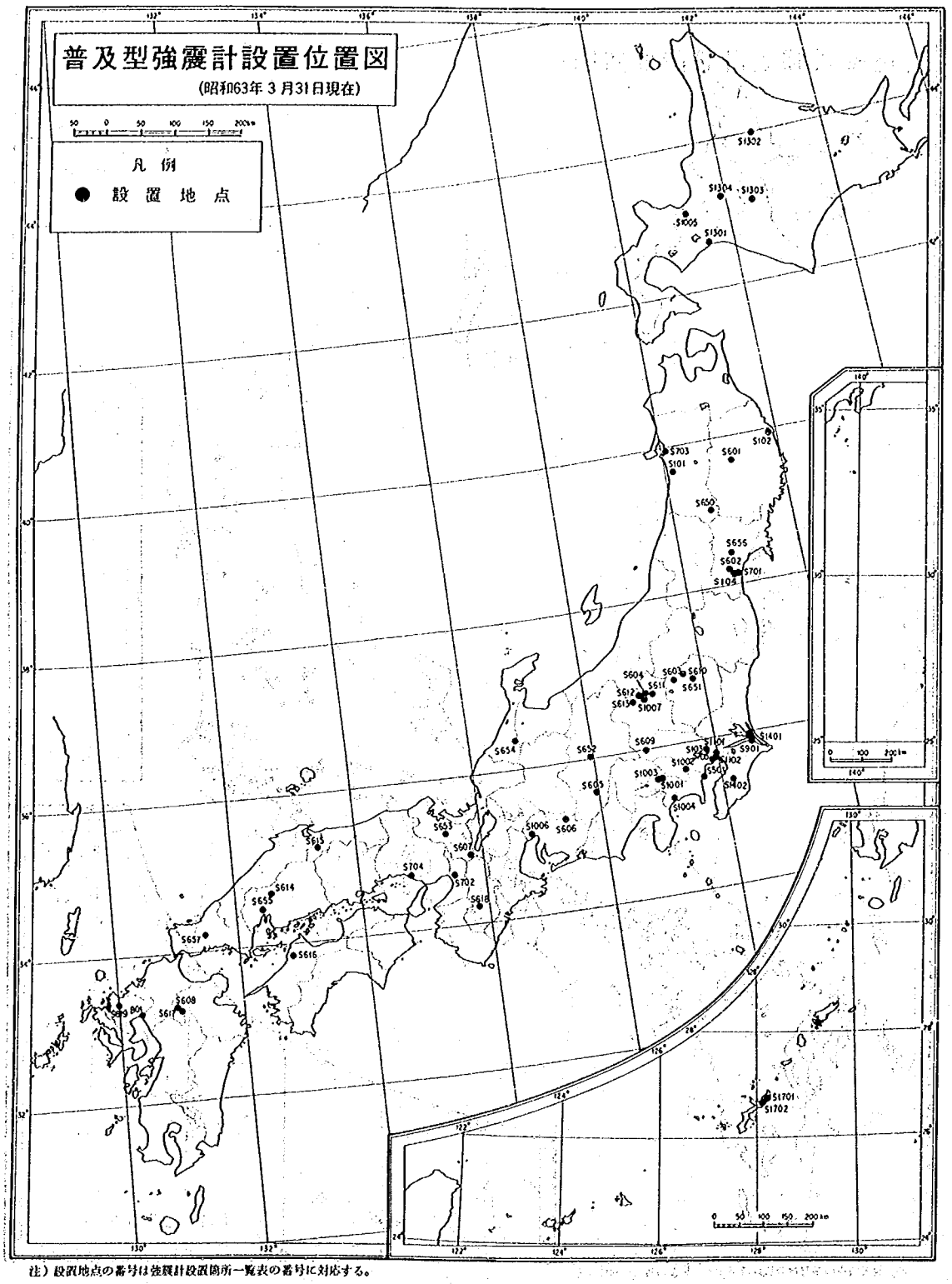
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1-6 SMAC型強震計設置位置図（昭和63年3月31日現在）



注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1-7 電磁式強震計設置位置図（昭和 63 年 3 月 31 日現在）



注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1−8 普及型強震計設置位置図（昭和63年3月31日現在）

Table A1-5 (1) SMAC型強震計設置箇所一覧表

昭和63年3月31日現在

No	観測所名	型式	台数	設置箇所	県名	維持管理	設置年月
	1. 国道第一課						
101	新潟橋	B2	2	地盤・橋脚	千葉	首都国道	41－3
102	米山大橋	〃	3	地盤・基礎・橋脚	新潟	長岡国道	41－3
103	宮古川大橋	〃	3	地盤・橋脚(2)	大阪	大阪国道	38－3
104	新村根川橋	〃	2	地盤・橋脚	埼玉	宇都宮国道	42－2
105	真崎大橋	E2	2	〃	岩手	三陸国道	46－2
106	草加高架橋	B2	2	〃	埼玉	大宮国道	43－2
107	玉野橋	Q	3	地盤・橋脚・1F	秋田	秋田工事	51－3
108	珍高大橋	E2	2	地盤・橋脚	新潟	高田工事	47－11
109	大平橋	Q	2	〃	愛知	名古屋国道	49－7
110							
111							
112	紀ノ川大橋	B2	2	地盤・橋脚	和歌山	和歌山工事	42－3
113	平和橋	日高管理所（2）0）					
114	尼崎高架橋	Q	2	地盤・橋脚	兵庫	兵庫国道	56－4
115	山北地区	〃	1	地盤	静岡	静岡国道	55－3
	2. 国道第二課						
201	小谷橋	B2	2	地盤・橋脚	福島	会津若松建設	40－3
202	魚沼橋	〃	2	〃	新潟	小千谷工事	40－12
203	塩倉沢橋	〃	2	〃	長野	飯山建設	40－3
204	新八幡橋	〃	2	〃	愛知	津田工事	40－11
205	石瀬戸橋	〃	2	〃	宮崎	小林工事	40－3
206	小見川大橋	E2	2	〃	千葉	香取工事	48－3
207	高津大橋	B2	2	〃	島根	浜田工事	42－3
208	三川橋	Q	2	〃	山形	庄内支所	55－3
209	瑞光寺橋	〃	3	地盤(2)・橋台	福島	富士工事	48－3
210	平短橋	D,B2	2	地盤・橋脚	岩手	北上工事	42
	3. 地方道課						
301	盛平橋	B2	2	地盤・橋脚	秋田	能代工事	43－2
302	蓮北橋	〃	2	〃	宮城	石巻工事	41－3
303	河北橋	B2,Q	2	〃	山形	寒河江建設	40-3,50-10
304	伊達橋	B2	2	〃	福島	保原工事	40－10
305	逢大橋	〃	2	〃	兵庫	豊岡工事	40－11
306	妙見橋	〃	2	〃	島根	出雲工事	42－3
307	五台山橋	〃	2	〃	高知	高知工事	41－3
308	板島橋	〃	2	〃	愛媛	宇和島地方局	40－4
309	乙女橋	〃	2	〃	熊本	矢部工事	40－3
310	平井大橋	〃	3	地盤・橋脚(2)	東京	東京都土研	40－8
311	豊浜大橋	〃	2	地盤・橋脚	三重	伊勢工事	41－9
312	彦木橋	〃	2	地盤・橋台	和歌山	新宮工事	41－9
313	石橋橋	〃	2	地盤・橋脚	愛媛	丹原工事	42－3
314	清川橋	(S 56.8 観測終了)			山形	庄内支所	44－3
315	大広大橋	Q	2	地盤・橋脚	徳島	徳島工事	51－5
316	津軽大橋	D	2	〃	青森	五所川原工事	45－3
317	鳴門大橋	B2	2	〃	徳島	川島工事	42－3
318	新田大橋	E2	2	〃	福岡	柳川工事	48－3
319	四徳大橋	B2	2	〃	長野	飯田建設	41－12
320	厚岸大橋	E2	2	〃	北海道	釧路工事	45－10
321	盛大橋	〃	3	地盤・橋脚(2)	東京	東京都土研	50－3
322	鹿橋	〃	2	地盤・橋脚	〃	〃	〃
323	関戸橋	〃	2	〃	〃	〃	〃
324	尾久橋	〃	2	〃	〃	〃	〃
325	新大橋	〃	2	〃	〃	〃	53－3
326	上一色橋	〃	2	〃	〃	〃	〃
327	聖明橋	〃	2	〃	〃	〃	54－3
328	高円寺陸橋	〃	2	〃	〃	〃	〃
329	山北地区	Q	1	地盤	静岡	知事公室	55－4
	4. 有料道路課						
401	琵琶湖大橋	B2	1	橋桁	滋賀	管理所	39－9
	5. 道路公園課						
501	東京湾（富津岬）	B2	1	地盤	千葉	東京湾岸道路	40－10
502	関門架橋	〃	2	地盤(門司・下関)	福岡	北九州国道	40－10
503	東京湾（横須賀）	〃	1	地盤	神奈川	東京湾岸道路	42－3
	6. 開発課						
601	室牧ダム	B2	2	(S59 観測終了)	栃山	管理所	36－8
602	横山ダム	Q	2	地盤・堤頂	岐阜	〃	38－8
603	猿谷ダム	A	1	堤盤	奈良	〃	(〃)32－3
604	大ケ瀬ダム	B2	1	堤頂	京都	〃	(〃)39－2
605	原花ダム	D,B2,Q	3	地盤・堤頂(2)	長野	〃	〃 44
606	鶴田ダム	D	2	地盤・堤頂	鹿児島	〃	建 43－11
607	椎水ダム	E2	2	堤体（頂・底）	宮城	〃	〃 50－12
608	大石ダム	〃	3	地盤・堤体(頂・底)	新潟	〃	建 52－12
609	三保ダム	Q	2	地盤・堤頂	神奈川	〃	〃 54－3
610	小渋ダム	B2	2	(S56 観測終了)	長野	〃	建 43－12
611	真名川ダム	E2	2	地盤・堤頂	福井	〃	(〃)52－3
612	大川ダム	Q	1	地盤	福島	阿賀川工事	(〃)55－2
613	白川ダム	〃	2	堤体（頂・底）	山形	管理所	(〃)54－12
614	湯沢ダム	〃	2	〃	宮城	〃	〃 55－3
615	鳥地川ダム	〃	2	地盤・堤頂	山口	山口工事建	56－2
616	勝浦ダム	〃	2	堤体（頂・底）	岩手	管理所	(〃)55－11
617	相生川ダム	E2	2	〃	群馬	相生工事	〃 57－3
618	奥瀬ダム	E2,Q	2	堤体（頂・中）	愛媛	管理所	57-2,57-3
619	川治ダム	Q	3	地盤・堤頂・堤体	栃木	〃	(〃)55－11
620	野村ダム	〃	3	堤体（頂・底(2)）	愛媛	〃	(〃)57－3
621	宇曽川ダム	〃	2	堤体（頂・底）	滋賀	〃	〃 55－3
622	有ケ野ダム	E2	2	〃	三重	〃	(〃)54－4
623	大渡ダム	Q	5		高知	大渡ダム工事務	
	7. 治水課						
701	淀川堤防（枚方）	B2	2	地盤・堤体	大阪	淀川工事	41－10
702	大島川水門	E2	2	地盤・門柱	東京	東京都土研	50－3
703	新潟大橋	〃	2	地盤・堤体	新潟	信濃川下流工事	46－11
704	小名木川逆水機場	〃	2	地盤・本体	東京	東京都土研	50－3
705	中川橋岸	〃	2	〃 〃	東京	〃	〃 50－3
706	木曽川堤防	Q	2	地盤・堤体	三重	木曽川下流工事	53－3
707	遠賀川河口堰	〃	3	本体(2)・地盤	福岡	遠賀川工事	55－3
708	安倍川堤防	〃	2	地盤・堤体	静岡	静岡河川工事	54－11
709	信濃川水門	〃	3	地盤(2)・門柱	新潟	信濃川下流工事	55－3
710	太田川堤防	〃	2	地盤・堤体	広島	太田川工事	55－9
711	大和川堤防	〃	2	〃	大阪	大和工事	56－1
712	江戸川堤防	〃	2	〃	千葉	江戸川工事	54－4
713	吉田川堤防	〃	2	〃	宮城	北上川下流工事	56－4
714	古野川堤防(徳島第一)	〃	2	〃	徳島	徳島工事	57－4
715	〃 (石井)	〃	2	〃	〃	〃	57－4
716	扇橋閘門	E2	2	地盤・門柱	東京	東京都土研	51－3
717	新中川堤防	〃	2	地盤・堤体	〃	〃	55－3
718	木下川排水機場	〃	2	地盤・B 1 F	〃	〃	51－3
719	淀川堤防（大淀）	Q	2	地盤・堤体	大阪	淀川工事	54-4,55-4
	8. 海岸課						
801	有明海	B2	1	(S60 観測終了)	佐賀	筑後川工事	40－6
	9. 土木研究所						
901	土研千葉支所	(S 54.3 観測終了)			千葉	土木研究所	37-3,46-2
902	西新井橋	B2	3	地盤・橋脚(2)	東京	〃	37－3
903	昭和大橋	〃	2	地盤・橋脚	新潟	新潟県庁(建)	40－1
904	新天竜川橋	Q,B2	2	〃	静岡	浜松工事(建)	39－12
905	茂谷橋	B2	2	〃	長野	長野国道(建)	40－12
906	鹿島試験所	(S 54.3 観測終了)			茨城	鹿島試験所	42－3
907	平大橋	B2	2	地盤・橋台	福島	磐城国道(建)	43－1
908	朝比奈川橋	Q	2	〃	静岡	藤枝土木(建)	52－3
909	蓑見大橋	〃	2	地盤・橋脚	〃	下田土木(建)	53－3
910	狩河大橋	〃	2	〃	〃	静岡国道(建)	53－4
911	福井大橋	〃	2	〃	福井	福井工事(建)	53－11
912	御前崎	〃	1	地盤	静岡	御前崎土木(建)	53－9
913	大津跨線橋	〃	3	地盤(2)・橋脚	千葉	鴨川土木(建)	54－11
914	八重洲地下街	〃	3	地下構造物(3)	東京	土木研究所	〃
915	土木研究所	〃	1	B 2 F	茨城	〃	55－8

Table A1-5 (2) SMAC型強震計設置箇所一覧表

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No	観測所名	型式	台数	設置箇所	県名	維持管理	設置年月
	10. 日本道路公団						
1001	長名大橋	E2	3	地盤・橋脚・橋台	静岡	静岡管理所	53－2
1002	東名・富士川橋	E2	2	地盤・橋脚	〃	富士管理所	42－3
1003	東名・長名湖橋	D	2	〃	〃	袋井管理所	44－3
1004	境川橋	(S 60.3 観測終了)巻IC更新			山梨	大月管理所	42－3
1005	比久保橋	〃			東京	八王子管理所	〃
1006	鶴川橋	〃			山梨	大月管理所	〃
1007	東名・豊川橋	B2	2	地盤・橋脚	愛知	豊川管理所	43－3
1008	瀬戸大橋	E2	3	地盤・橋脚(2)	高知	瀬戸大橋管理所	47－5
1009	東名・新宮川橋	D	2	地盤・橋脚	埼玉川	海老塚管理所	44－3
1010	大島大橋	T	3	橋脚(2)・橋台	山口	小郡管理所	51－7
1011	金沢川橋	E2	2	橋台・橋脚	広島	三次管理所	53－8
1012	東伊豆橋梁	〃	1	地盤	静岡	東伊豆道路	54－3
1013	山北地区	Q	1	〃	〃	富士管理所	55－3
1014	富士管理事務所	〃	1	〃	〃	〃	56－3
1015	静岡管理事務所	〃	1	〃	〃	静岡管理所	56－3
1016	袋井管理事務所	〃	1	〃	〃	袋井管理所	51－12
1017	伏越所	〃	1	〃	東京	伏越所	58－2
1018							
1019							
1020							
	11. 首都高速道路公団						
1101	3号線(大橋)	E2	2	地盤・橋脚	東京	東京保全部	47－1
1102	4号線(下高井戸)	〃	3	地盤・橋脚(2)	〃	〃	47－1
1103	6号線(向島)	〃	2	地盤・橋脚	〃	〃	47－1
1104	5号線(護国寺)	〃	2	1F・9F	〃	〃	46－9
1105	9号線(木場)	〃	2	地盤・橋脚	〃	〃	49－7
1106	湾岸線(大井)	〃	3	地盤・トンネル・B2F	〃	〃	50－3
1107	5号線(走村)	〃	2	地盤・橋脚	〃	〃	52－5
1108	2号線(一ノ橋I.C.)	B2	2	〃	〃	〃	43－2
1109	1号線(羽田空港トンネル)	〃	3	地盤・トンネル(2)	〃	〃	42－7
1110	湾岸線(京川)	E2	3	地盤・橋脚・橋台	〃	〃	51－10
	12. 阪神高速道路公団						
1201	西横堀高架橋	B2	2	地盤・橋脚	大阪	大阪管理部	40－5
1202							
1203	南港守高架橋	D	2	地盤・橋脚	大阪	大阪管理部	45－3
1204							

No	観測所名	型式	台数	設置箇所	県名	維持管理	設置年月
	13. 北海道開発局						
1301	空知大橋	Q	2	地盤・橋台	空知	開発局	53－2
1302	千代田大橋	B2	3	地盤・橋脚・橋台	十勝	〃	41－11
1303	新石狩大橋	〃	2	地盤・橋脚	石狩	〃	43
1304	大雪毛橋	〃	2	〃	上川	〃	42－10
1305	樽酒橋	〃	2	〃	日高	〃	42－12
1306	星川大橋	〃	2	〃	石狩	〃	44
1307	七飯橋	〃	2	〃	渡島	〃	43－12
1308	石狩河口橋	〃	3	地盤・橋脚・橋台	石狩	〃	45－3
1309	無意根大橋	D	2	地盤・橋脚	石狩	〃	44－10
1310	紋別大橋	D,E2	2	地盤・橋台	網走	〃	45－10
1311	豊谷橋	D	2	〃	後志	〃	45－11
1312	薄別橋	E2	2	地盤・橋脚	留萌	〃	46－10
1313	声問橋	B2	2	地盤・橋台	宗谷	〃	47－11
1314	志強子橋	〃	2	〃	網走	〃	47－12
1315	風蓮湖大橋	Q	3	地盤・橋脚・橋台	根室	〃	50－11
1316	大塩河口橋	〃	2	地盤・橋台	留萌	〃	50－12
1317	広尾橋	〃	2	〃	十勝	〃	52－3
1318	上島橋	〃	2	地盤・橋脚	渡島	〃	53－3
1319	島松沢橋	〃	1	地盤	石狩	〃	54－12
1320	札幌I.C.高架橋	〃	2	地盤・橋脚	札幌	〃	56－12
1321	鵡川堤防	QA	2	地盤・堤体	胆振	室蘭開発建設部	60.10.30.10
1322	大津築堤	Q	2	地盤・堤体	十勝	帯広開発建設部	55－1
1323	釧路川堤防	〃	2	〃	釧路	釧路開発建設部	57－1
1324	沙流川堤防	Q	2	地盤・堤体	日高	室蘭開発建設部	60.11.11.11
	14. 水資源開発公団						
1401	利根川河口堰	D	2	(S 52.観測終了)	千葉	河口堰管理所	44－6
1402	寺内ダム	E2	2	堤体(頂・底)	福岡	ダム管理所	52－3
	15. 本州四国連絡橋公団						
1501	大和島	QA	1	地盤	兵庫	本四公団	52－6
1502	天文科学館	B2	1	1F	〃	〃	39－3
1503	大三島	〃	1	地盤	愛媛	〃	38－
1504	鳴門	(S 60.11 観測終了)			徳島	〃	37－8
1505	櫃ノ浦	〃	1	〃	香川	〃	39－
1506	高松	(S 47.12 来島へ移設)					38－
1507	来島	〃	1	地盤	愛媛	〃	47－12
	16. 下水道部						
1601	高合処理場	E2	2	地盤・構造物	東京	東京都下水道局	51－2
1602	13号埋立地(江東)	〃	2	〃	〃	〃	〃
1603	南砂ポンプ場	〃	2	地盤(2)	〃	〃	〃
1604	小菅処理場	〃	2	地盤・構造物	〃	〃	52－3
1605	谷津川幹線	〃	2	地盤(2)	〃	〃	〃
1606	花畑雨水幹線	T	3	地盤(2)下水管	〃	〃	〃

Table A1-6 (1) 電磁式強震計設置箇所一覧表

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No.	観測所名	型式	成分数	設置箇所	県名	維持管理	設置年月
1. 国道第一課							
5101	所縁野川橋	PK−130	15	（S 61.3 観測終了）	宮城	仙台工事事務所	49−12
2. 国道第二課							
3. 地方道課							
5301	厚岸大橋	AIE301A	10	−12m(2)・−24m(2)・−47m(2)・−48m(2)・−68m(2)	北海道	釧路土木現業所	45−10
4. 有料道路課							
5401	琵琶湖大橋	PK−130	6	橋梁(4)・橋歴(2)	滋賀	琵琶湖大橋管理事務所	39−9
5. 道路企画課							
5501	富津岬	WS 3003	9	0 m(3)・−70m(3)・−110m(3)	千葉	東京湾岸道路調査事務所	44−10
5502	浮島公園	〃	12	0 m(3)・−27m(3)・−67m(3)・−127m(3)	神奈川	〃	45−1
5503	観音崎	〃	9	0 m(3)・−80m(3)・−120m(3)	〃	〃	46−3
5504	南港		計器管理替え（6201）				
5505	扇島	WS 3003	12	（S 58.観測終了）●に更新	神奈川	東京湾岸道路調査事務所	49−3
5506	金城埠頭	WS 3203	9	0 m(3)・−45m(3)・−114m(3)	愛知	名四国道工事事務所	50−7
5507	深江	WS 3302	15	0 m(3)・−28m(3)・−61m(3)・−71m(3)・−120m(3)	大阪	阪神国道工事事務所	52-3,53-3
6. 開発課							
5601	滿田ダム	PK−130	6	堤頂(3)・岩盤(3)	岩手	滿田ダム管理所(建)	51−8
5602	皆瀬ダム	PK−130	6	（S 57.3 観測終了）	秋田	皆瀬ダム管理所(県)	38−5
5603	鳴子ダム	PK−130	8	岩盤(3)・堤体（頂(2)・中(3)）	宮城	鳴子ダム管理所(建)	48−3
5604	川俣ダム	〃	3	岩盤(3)・堤体（頂(5)・中(5)）	栃木	川俣ダム管理所(〃)	45−
5605	室牧ダム	〃	9	堤体（頂(5)・中(4)）	富山	室牧ダム管理事務所(県)	36−8
5606	横山ダム	MTD−3C	12	岩盤(5)・堤体（頂(5)・中(2)）	岐阜	横山ダム管理所(建)	38−8
5607	天ケ瀬ダム	PK−130	9	（S 54.観測終了）	京都	天ケ瀬ダム管理所(〃)	39−12
5608	猿谷ダム	PK−130	5	堤体(5)	奈良	猿谷ダム管理所(〃)	45−
5609	四十四田ダム	〃	12	堤体（頂(9)・中(3)）	岩手	北上川ダム統管(〃)	45−
5610	犀川ダム	〃	10	監査廊(5)・堤体(5)	石川	犀川ダム管理事務所(県)	43−12
5611	矢作ダム	〃	13	岩盤(3)・堤体（頂(4)・中(4)・底(2)）	愛知	矢作ダム管理所(建)	46−3
5612	釜房ダム	〃	6	岩盤(3)・堤頂(3)	宮城	釜房ダム管理所(〃)	45−4
5613	都ダム	PTK−130	9	−5 m(3)・堤体（頂(3)・中(3)）	千葉	君津工業用水道事務所(県)	47−12
5614	下筌ダム	PK−130	8	堤体（頂(4)・底(4)）	熊本	松原下筌ダム管理事務所(建)	46−2
5615	藤原ダム	〃	3	堤中(3)	群馬	藤原ダム管理所(〃)	49−1
5616	阿蘇立野		（S 50.12 観測終了）		熊本	阿蘇立野熊本工事事務所	50−12
5617	白川ダム	PTK−130	12	地盤(3)・堤体（頂(3)・中(3)・底(3)）	山形	白川ダム管理所(建)	50−
5618	御所ダム	〃	27	岩盤(3)・堤体（頂(6)・中(9)・底(9)）	岩手	御所ダム管理所(〃)	55−11
5619	石淵ダム	PTK−300	6	岩盤(3)・堤頂(3)	〃	石淵ダム管理所(〃)	55−12
5620	田瀬ダム	〃	6	〃	〃	田瀬ダム管理所(〃)	55−5
5621	野村ダム	〃	6	〃	愛媛	野村ダム管理所(〃)	57−3
5622	奥和ダム	PK−130	3	堤中(3)	長野	奥和ダム管理所(〃)	53−9
5623	小渋ダム	PK−130H	6	岩盤(3)・堤中(3)	〃	小渋ダム管理事務所(〃)	53−9
5624	石手川ダム	PK−130	3	堤頂(3)	愛媛	石手川ダム管理所(〃)	55−8
5625	五十里ダム	PTK−300	3	堤中(3)	栃木	五十里ダム管理所(〃)	55−1
5626	耶馬渓ダム	〃	9	岩盤(3)・堤体（頂(3)・中(3)）	大分	耶馬渓ダム工事事務所(〃)	59−3
5627	高見ダム	PTK−130	12	岩盤(6)・堤体（頂(3)・中(3)）	北海道	高見ダム管理事務所(県)	57−12
5628	岩見ダム	VP−9259	3	堤中(3)	秋田	岩見ダム管理事務所(〃)	53−11
5629	滝ダム	SD−112−3	6	岩盤(3)・堤頂(3)	岩手	滝ダム管理事務所(〃)	57−1
5630	網取ダム	PTK−130	6	堤体（頂(3)・底(3)）	〃	網取ダム管理事務所(〃)	54−5
5631	四時ダム	〃	9	岩盤(3)・堤体（頂(3)・中(3)）	福島	四時ダム管理事務所(〃)	57−3
5632	東山ダム	PTK−300	6	堤体（頂(3)・底(3)）	〃	東山ダム管理事務所(〃)	57−1
5633	城山ダム	MTD−3C	3	堤体（頂(1)・中(1)・底(1)）	神奈川	城山ダム管理事務所(〃)	40−4
5634	三保ダム	AS−1CTS	12	堤体（頂(3)・中(6)・底(3)）	〃	三保ダム管理事務所(〃)	53−3
5635	広瀬ダム	VP−9259	12	堤体（頂(6)・中(3)・底(3)）	山梨	広瀬ダム管理事務所(〃)	50
5636	黒生川ダム		11	堤頂(11)	富山	黒生川ダム管理事務所(〃)	41−4
5637	阿武川ダム	SA−155	10	岩盤(4)・堤体（頂(3)・底(3)）	山口	阿武川ダム管理事務所(〃)	50−3
5638	川治ダム		12		栃木	川治ダム管理支所(建)	
5639	大川ダム	PTK-130,300	15	堤体（頂(3)，底(3)），左岸グラウト(3)，右岸底(3)，右岸横坑(3)	福島	大川ダム管理所(建)	61−10
5640	浅瀬石川ダム	SDA−240	18	堤体（頂(3)，中(3)，底(3)），2号グラウト(6)，3号グラウト(3)	青森	浅瀬石川ダム管理所(建)	62−3
7. 治水課							
5701	豊川放水路堤防	PTK−130	4	地盤(2)・堤体(2)	愛知	豊橋工事事務所	41−3
5702	利根川堤防	PTK−130	9	地盤(3)・堤頂(3)・本体(3)	茨城	利根川上流工事事務所	43−12
5703	荒川堤防	PTK−130	6	地盤(2)・堤頂(2)・本体(2)　（S 61.観測終了）	東京	荒川下流工事事務所	43−5
5704	淀川堤防	PTK−130	9	地盤(3)・堤頂(3)・本体(3)	大阪	土木研究所	49−3
5705	八郎潟干拓堤防	SDA-240,112	9	地盤(3)・堤中(6)	秋田		61−2
5706	六角川河口堰		3	堰(3)	佐賀	武雄工事河口堰管理支所	
8. 海岸課							
5801	大矢野島		（S 60 観測終了）		熊本	熊本工事事務所	48−12
9. 土木研究所							
5901	利根川堤防		計器管理替え（5702）				
5902	荒川堤防		計器管理替え（5703）				

Table A1-6 (2) 電磁式強震計設置箇所一覧表

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No.	観測所名	型式	成分数	設置箇所	県名	維持管理	設置年月
10. 日本道路公団							
6001	尾道大橋	PK−130	11	地盤(3)・主塔(2)・主桁(6)	広島	日本道路公団	43−4
6002	境水道大橋	〃	11	地盤(3)・地中(3)・橋脚(5)	鳥取	〃	47−5
6003	関門橋	LG 3994	31	地中(9)・桁(6)・橋脚(8)・橋台(4)・塔(4)	福岡	〃	48−11
6004	広島大橋	PK−130	10	地盤(2)・橋脚(2)・ケーソン(6)	広島	〃	49−3
6005	若戸大橋	LG 2596	24	橋台(3)・主桁(9)・主塔(7)・中間塔(5)	福岡	〃	59−3
6006	長町橋	AJE 306	22	地中・橋台	神奈川	〃	〃
6007	江尻橋	〃	23	地中・橋台	静岡	〃	〃
11. 首都高速道路公団							
6101	9号線(本町)	TUSS	9	地中(9)	東京	東京保安部設計課	59−3
6102	4号線(永福町)	STBH	9	〃	〃	〃	51−2
12. 阪神高速道路公団							
6201	神戸港	WS 3203	12	0 m(3)・−22m(3)・−43m(3)・−88m(3)	大阪	阪神高速道路公団	49-3, 49-3
13. 北海道開発局							
6301	別海橋	AJE301A	6	−2 m(3)・−40m(3)	北海道	北海道開発局	46−10
6302	静内橋	〃	6	−2 m(3)・−40m(3)	〃	〃	57−10
6303	紋別路線橋	PTK-130	9	地盤(3)・地中(3)・フーチング(3)	〃	〃	48−11
6304	豊平峡ダム	PK−130	7	堤体(頂(2)・中(2)・底(3))	〃	豊平峡ダム管理所	47−3
6305	大雪ダム	PTK-130	15	堤体(頂(6)・中(6)・底(3))	〃	大雪ダム管理所	49−3
6306	漁川ダム	〃	12	堤体(頂(3)・中(6)・底(3))	〃	漁川ダム管理所	54−11
6307	島松沢橋	AJE-305	3	地中(3)	〃	北海道開発局	54−12
6308	白鳥大橋	AJE-306	9	−13m(3)・−25m(3)・−35m(3)	〃	〃	57−11
6309	鹿ノ子ダム	PTK-130	9	堤体(頂(3)・中(3)・底(3))	〃	鹿ノ子ダム管理所	58−6
14. 水資源開発公団							
6401	阿木川ダム	PK−130	3	岩盤(3)	岐阜	阿木川ダム工事事務所	46−12
6402	矢木沢ダム	PTK-300	6	堤体(頂(3)・底(3))	群馬	矢木沢ダム管理所	55−3
6403	草木ダム	〃	6	〃	〃	草木ダム管理所	55−11
6404	岩屋ダム	PTK-130	16	岩盤(3)・堤体(頂(4)・中(9))	岐阜	岩屋ダム管理所	51−1
6405	一庫ダム	PTK-300	18	堤体(頂(12)・中(3)・底(3))	兵庫	一庫ダム管理所	57−3
6406	長柄ダム	PTK-130	21		千葉	関総導水路長柄出張所	60−5
15. 本州四国連絡橋公団							
6501	垂水(本州四国)	WS-3203	16	−5 m(6)・−20m(4)・−60m(3)・−250 m(3)	兵庫	本州四国連絡橋公団	47−3
6502	坂出(本州四国)	WS 3203	15	−5 m(6)・−20m(3)・−35m(3)・−55m(3)	香川	〃	48−12
6503	今治(本州四国)	WS 3203	12	−5 m(6)・−20m(3)・−40m(3)	愛媛	〃	48−3
6504	因島大橋	WS3209A	30	地盤(3)・地中(3)・橋脚(3)・塔(9)・桁上(12)	広島	〃	58−12
6505	大三島橋	WS 3012	12	地中(3)・リブ上(6)・道路面(3)	愛媛	〃	54−7

Table A1-7 普及型強震計設置箇所一覧表

昭和63年3月31日現在

No	観測所名	型式	台数	設置箇所	県名	維持管理	設置年月
1. 国道第二課							
S 101	雄物大橋	SM-10A	3	地盤・橋脚(2)	秋田	秋田工事事務所	59-11
S 102	見城大橋	〃	3	地盤・橋脚・橋桁	岩手	三陸国道工事事務所	59-12
S 103	三郷インターチェンジ	〃	0	−5m・−51m・基礎(2)・橋脚(2)	埼玉	北首都国道工事事務所	60-1
S 104	関木高架橋	〃	5	地盤・地中・基礎・橋脚(2)	宮城	仙台工事事務所	61-3
5. 道路企画課							
S 501	扇島	SAMTAC-17B	4	−5m・−15m・−38m・−150m	神奈川	東京湾岸道路調査事務所	58-3,58-6
6. 河川課							
S 601	四十四田ダム	SM-10	2	堤体(頂・中)	岩手	北上川ダム統管(建)	56-12
S 602	釜房ダム	SM-10A	2	地盤・堤頂	宮城	釜房ダム管理所(〃)	57-4
S 603	川俣ダム	〃	2	〃	栃木	川俣ダム管理所(〃)	57
S 604	藤原ダム	SM-10	2	堤体(中・底)	群馬	藤原ダム管理所(〃)	56-3
S 605	小渋ダム	SM-10A	2	地盤・堤頂	長野	天竜川ダム統管(〃)	57-7
S 606	矢作ダム	SMA-TB	1	地盤	愛知	矢作ダム管理所(〃)	57-5
S 607	大ケ瀬ダム	SM-10	3	地盤・堤体(中・底)	京都	大ケ瀬ダム管理所(〃)	57-3
S 608	上瀬ダム	〃	2	堤体(頂・底)	群馬	松原下瀬ダム管理事務所(〃)	57-3
S 609	二瀬ダム	SM-10A	3		埼玉	二瀬ダム管理所(〃)	61-
S 610	五十里ダム	SM-10A	3		栃木	五十里ダム管理支所(〃)	61-
S 611	薄原ダム	SM-10A	2		群馬	薄原ダム管理支所(〃)	61-
S 612	相俣ダム	SM-10A	3		〃	相俣ダム管理支所(〃)	61-
S 613	葛木ダム	SM-10A	2		〃	葛木ダム水質管理所(〃)	61-
S 614	上砂ダム	SM-10A	3	地盤・監査廊・天端	広島	上砂ダム管理所(〃)	61-
S 615	倉沢ダム	SM-10A	3	地盤・監査廊・天端	島根	倉沢ダム管理所(〃)	61-
S 616	石手川ダム	SM-10A	1		愛媛	石手川ダム管理支所(〃)	61-
S 617	松原ダム	SM-10A	2		大分	松原ダム管理支所(〃)	61-
S 618	猿谷ダム	SM-10A, 10B	2	地盤・天端	奈良	猿谷ダム管理所(建)	63-2
S 619	熊木ダム	SA-355CT	3	堤体(頂, 底)・グラウトトンネル	群馬	熊木ダム管理所(建)	62-3
S 650	皆瀬ダム	SM-10A	6	地盤・堤頂・地中(4台)	秋田	皆瀬ダム管理所(県)	57-3,60-3
S 651	寺山ダム	〃	3	地盤・堤体(頂・底)	栃木	那珂川水系ダム建設(〃)	57-10
S 652	奈良井ダム	SM-10	3	地盤・堤体(頂・底)	長野	奈良井川改良事務所(〃)	57-1
S 653	大野ダム	〃	1	堤中	京都	大野ダム管理事務所(〃)	57-3
S 654	犀川ダム	〃	1	堤頂	石川	犀川ダム管理事務所(〃)	56-10
S 655	魚切ダム	〃	3	地盤・堤体(頂・底)	広島	魚切ダム管理事務所(〃)	57-3
S 656	七北田ダム		2		宮城	七北田ダム管理事務所(〃)	
S 657	高谷ダム	SM-10B	2	地盤・天端	山口	錦野川総合開発事務所(県)	62-10
7. 治水課							
S 701	阿武隈大堰	SM-10A	2	堰柱(2)	宮城	仙台工事事務所	58-3
S 702	淀川大堰	SM-10A	3	地盤・堰柱(2)	大阪	淀川工事事務所	58-4
S 703	八郎潟干拓堤防	SAMTAC-17B	2	地盤・堤体	秋田		61-12
S 704	加古川大堰	SM-10A	2	地盤・堰柱	兵庫	姫路工事事務所	62-
S 705	荒川堤防	SM-10B	3	地中(2)・天端	東京	荒川下流工事事務所	63-3
8. 海岸課							
S 801	有明海岸堤防	SM-10A	2	地盤・堤体	佐賀	筑後川工事事務所	61-3
9. 土木研究所							
S 901	水郷大橋	SAMTAC-81K	6	−15m, 主桁内(3), 塔柱(2)	千葉	土木研究所	61-2
10. 日本道路公団							
S 1001	新境川橋	SM-10A	2	地盤・橋脚	山梨	大月管理事務所	60-3
S 1002	佐久保橋	〃	2	〃	東京	八王子管理事務所	60-3
S 1003	鶴川橋	〃	2	〃	山梨	大月管理事務所	60-3
S 1004	岩大橋	SM-10	4	橋脚・橋台・橋桁(2)	神奈川	真鶴管理事務所	57-3
S 1005	東米里高架橋	SM-10A	4	地盤・地中・橋脚・基礎	北海道	札幌工事事務所	58-10
S 1006	名港西大橋	〃	10	塔柱(2)・主桁内(5)・下部工天端(2)・ケーソン埋込	愛知	桑名管理事務所	60-3
S 1007	片品川橋	SM-10A	4	地中・ケーソン・橋脚・桁	群馬		60-3
11. 首都高速道路公団							
S 1101	葛西ハーブ橋	SA-355CT		13箇所32成分	東京		62-10
S 1102	葛西三角開連続橋	SA-355CT		25箇所58成分	東京		62-10
13. 北海道開発局							
S 1301	錦岡橋	SMA 2	2	地盤・橋台	北海道	苫小牧道路事務所	50-7
S 1302	岩尾内ダム	SM-10	1	I F	〃	岩尾内ダム管理所	57-7
S 1303	金山ダム	SMA-TB	1	堤底	〃	金山ダム管理所	57-3
S 1304	住沢ダム	〃	1	〃	〃	住沢ダム管理所	57-5
14. 水資源開発公団							
S 1401	利根川河口堰	SM-10A	2	地盤・堰柱	千葉	利根川河口堰管理事務所	60-
S 1402	長柄ダム	SM-10A	3	地盤・天端・ブランケット天端	千葉	房総導水路長柄山事務所	60-5
17. その他							
S 1701	安波ダム	SM-10A	2	堤体(頂・底)	沖縄	安波ダム管理所	58-3
S 1702	福地ダム	〃	1	地盤	〃	福地ダム管理所	58-3

付録－2　強震計の特性

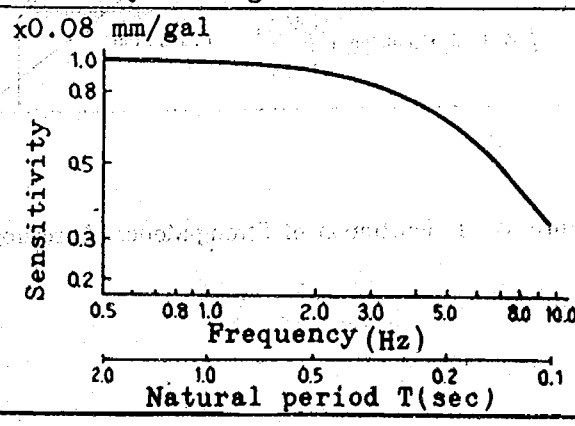
本資料に収録した地震動の加速度記録は，SMAC－B2型，SMAC－D型，SMAC－E2型，SMAC－Q型，電磁式強震計，普及型強震計のいずれかの型式の強震計により記録されたものである。

これらの強震計の公称の特性及び構造の概略をTable A2－1～Table A2－5，及びFigure A2－1～Figure A2－5に示す。

ここで，

Table　A2－1　SMAC－B2型強震計の特性
Figure A2－1　SMAC－B2型強震計の構造
Table　A2－2　SMAC－D型　強震計の特性
Figure A2－2　SMAC－D型　強震計の構造
Table　A2－3　SMAC－Q型　強震計の特性
Figure A2－3　SMAC－Q型　強震計の構造
Table　A2－4　電磁式強震計の特性
Figure A2－4　電磁式強震計の構造
Table　A2－5　普及型強震計の特性
Figure A2－5　普及型強震計の構造

Table A2—1 Strong-Motion Accelerograph, SMAC-B2

Parts	Specifications and Characteristics
Pendulum	3-Component accelerometer
	Natural period : 0.14 sec. Sensitivity : 12.5 gals per mm on the paper Damping : critical damping (h=1) Recording range : 6 ~ 500 gals Magnitication : x 16 (mechanical)
Recording system	Recording paper : scratching stylus roll-paper Recording speed : 10 mm per sec. Recording pen : sapphire point
Driving part	Spring motor
	Operating for about 3 min.
Electric self-starter	Vertical component accelerometer
	Natural period : 0.3 sec. Sensitivity at starting : from 5 to 15 gals
Mechanical self starter	Sensitivity at starting : about 100 gals
Time marking	Interval : 1 sec.
Checking device	Pilot lamp and buzzer
Electric power supply	Dry cell 3V x 4 (JIS No. FM 5)
Console	Aluminum alloy
Dimension	540 (width) x 540 (length) x 370 (height) mm
Net weight	Approximately 100 kg
Frequency Characteristics	

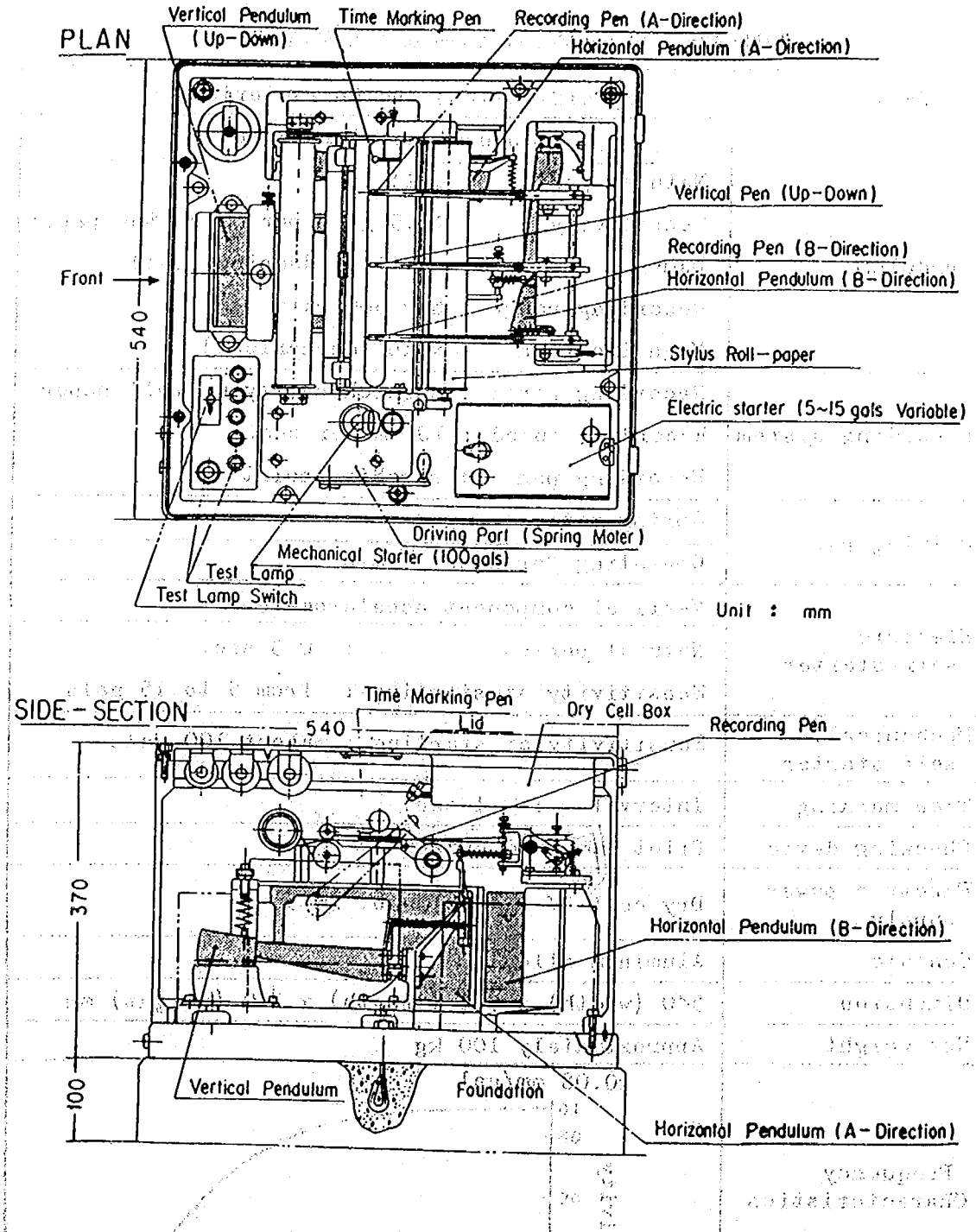
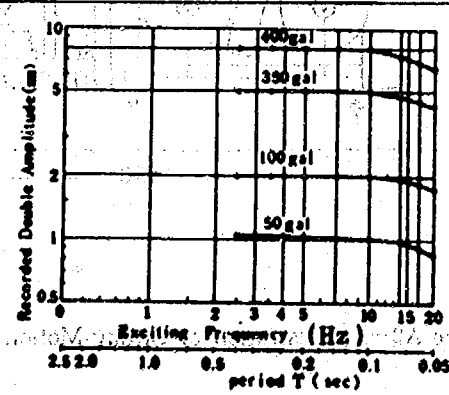


Figure A2—1 Illustration of Strong-Motion Accelerograph, SMAC-B2

Table A2—2 Strong-Motion Accelerograph, SMAC-D

Parts	Specifications and Characteristics
Pendulum	3-Component accelerometer
	Natural period : 0.05 sec. (20 cps) Sensitivity : 5mm/500gals on scratch-record-film. 40mm/500gals (by multiplying optically the film by 8) Damping : air damper h = 0.5 ~ 0.7 Recording range : 5 ~ 500 gals Frequency range : 0 ~ 20 cps
Recording system	Recording paper : scratching stylus scratch-record-film Recording speed : 5 mm per sec. Recording pen : diamond point
Driving part	Micro-motor (DC. 12 Volts)
	able to start 100 times, operates for about 1 min. 30 sec. after each starting
Electric- self stater	Vertical component accelerometer
	Natural period : 0.3 sec. Sensitivity at starting : 5 gals
Time marking system	5 pulse/sec, Electric timer
Electric power supply	Nickel-Cadmium Battery (DC 12V , 3.5A, with Automatic charger or AC 100V together)
Dimension	450 (width) x 450 (length) x 350 (height) mm
Net weight	Approximately 70 kg
Frequency Characteristics	

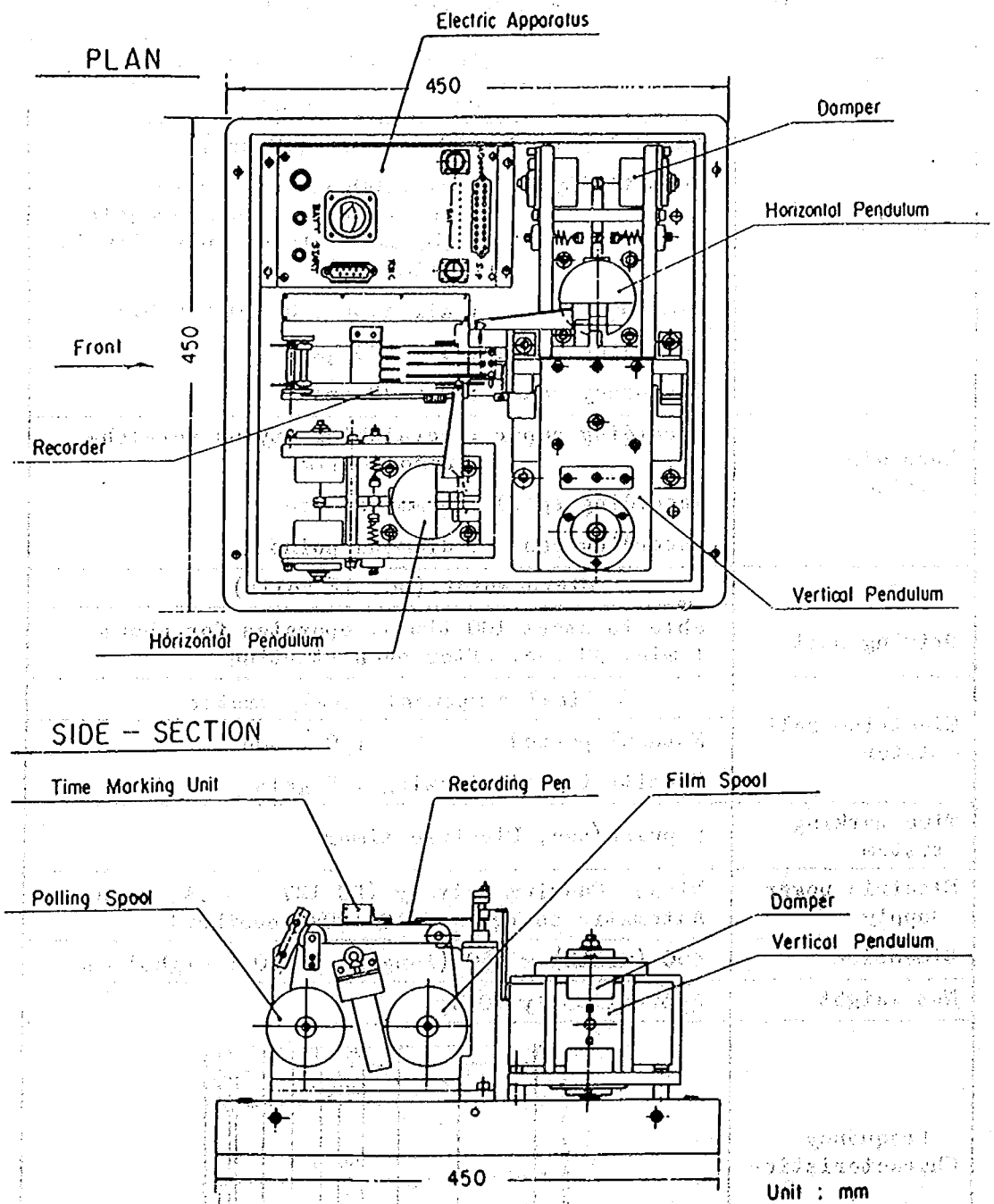
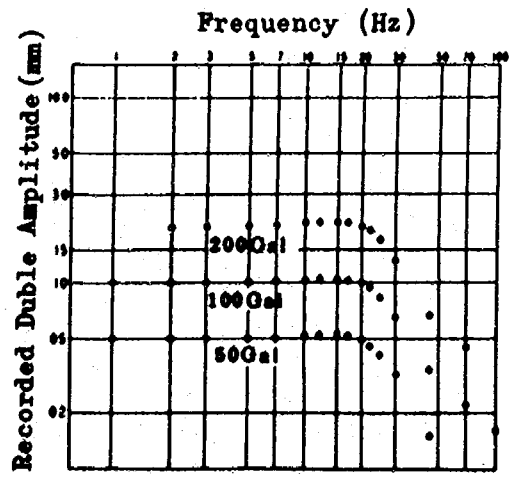
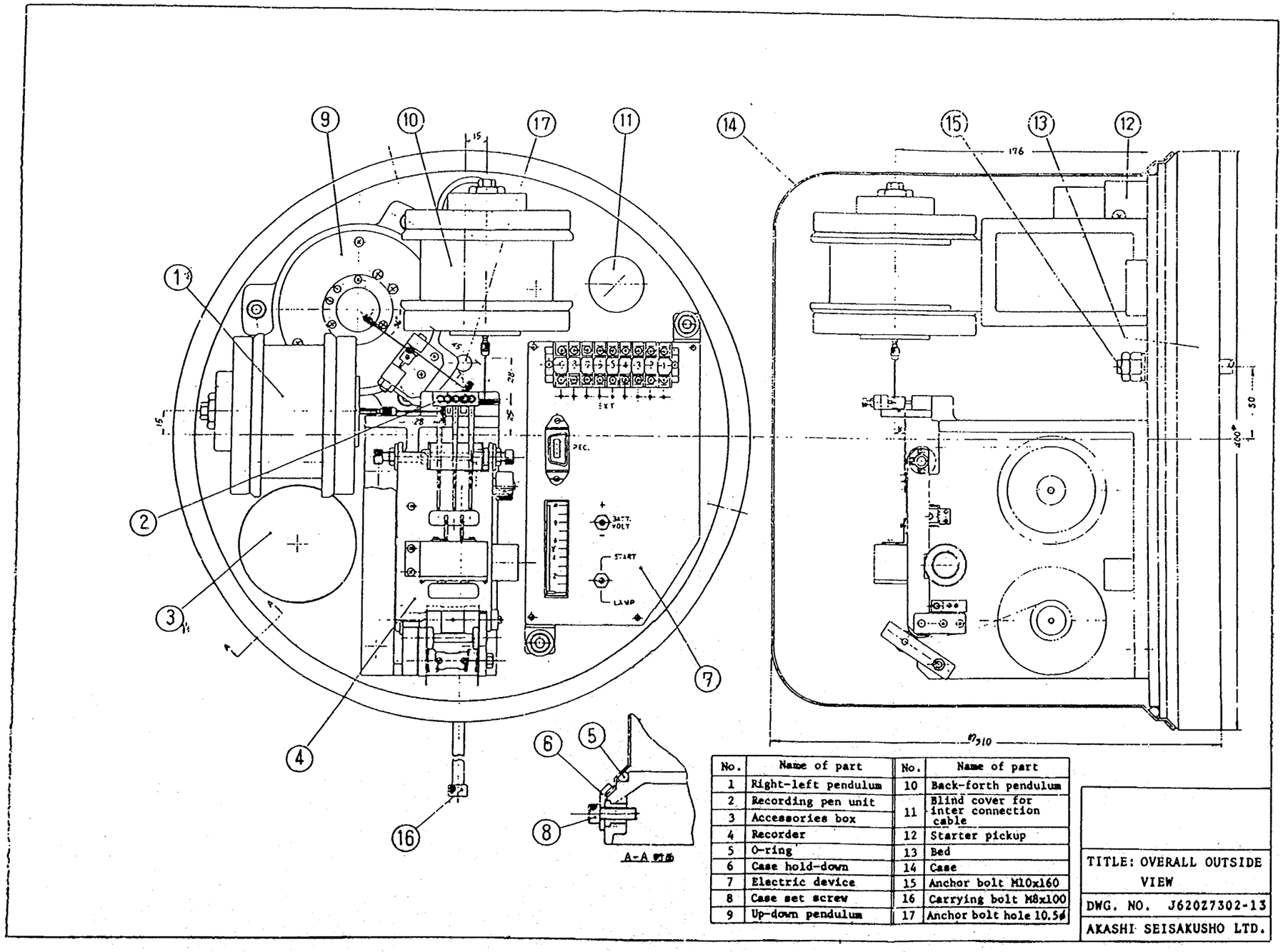


Figure A2—2 Illustration of Strong-Motion Accelerograph, SMAC-D

Table A2—3 Strong-Motion Accelerograph, SMAC-Q

Parts	Specifications and Characteristics
Pendulum	3-Component Accelerometer
	Natural Period : 0.05 sec. (20 cps) Sensitivity : 5mm/1,000 gals on scratch-record-film. 40 mm/1,000 gals by multiplying optically the film by 8. Damping : Air damper h = 0.6 Recording Range : 5 ~ 1,000 gals Frequency Range : 0 ~ 20 cps
Recording system	Recording Paper : Scratching Record-Film ϕ 35mm x 45m Recording Film : 5mm per sec. Number of Recording Pen : 3 for recording, 1 for time marker and 1 for base line
Driving part	Micro-water (±DC 6V)
	Operates for about 90 seconds for each starting
Electro-self starter	Vertical Component Accelerometer
	Natural Period : 0.22 sec. (4.5 cps) Sensitivity at starting : 10 gals
Time marking system	2 pulse/sec.
Electric power supply	Dry Battery
Dimension	ϕ400mm x 320mm (height)
Net weight	Approximately 35 Kg
Frequency Characteristics	



No.	Name of part	No.	Name of part
1	Right-left pendulum	10	Back-forth pendulum
2	Recording pen unit	11	Blind cover for inter connection cable
3	Accessories box		
4	Recorder	12	Starter pickup
5	O-ring	13	Bed
6	Case hold-down	14	Case
7	Electric device	15	Anchor bolt M10x160
8	Case set screw	16	Carrying bolt M8x100
9	Up-down pendulum	17	Anchor bolt hole 10.5φ

Figure A2—3 Strong-Motion Accelerograph, SMAC-Q

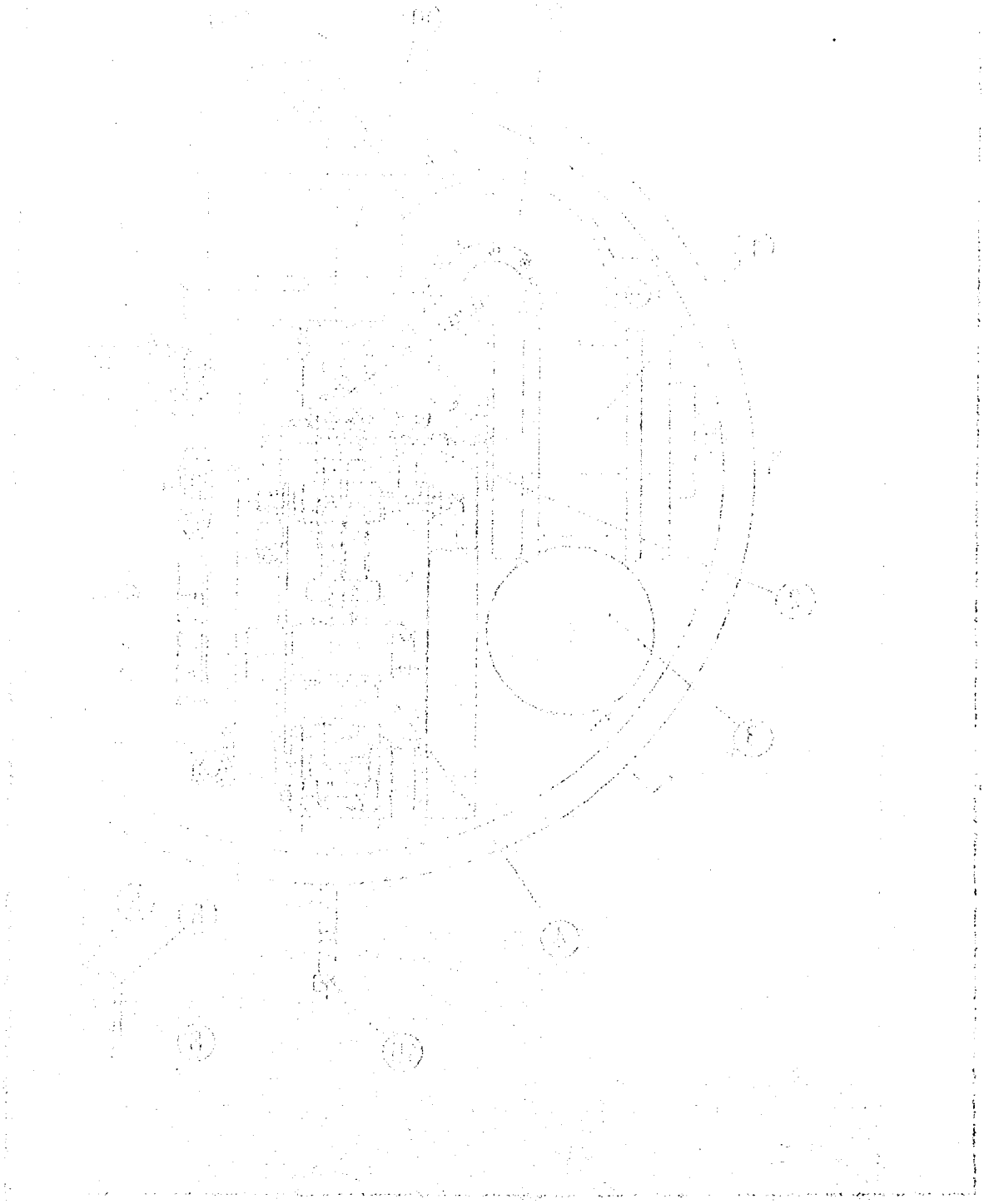
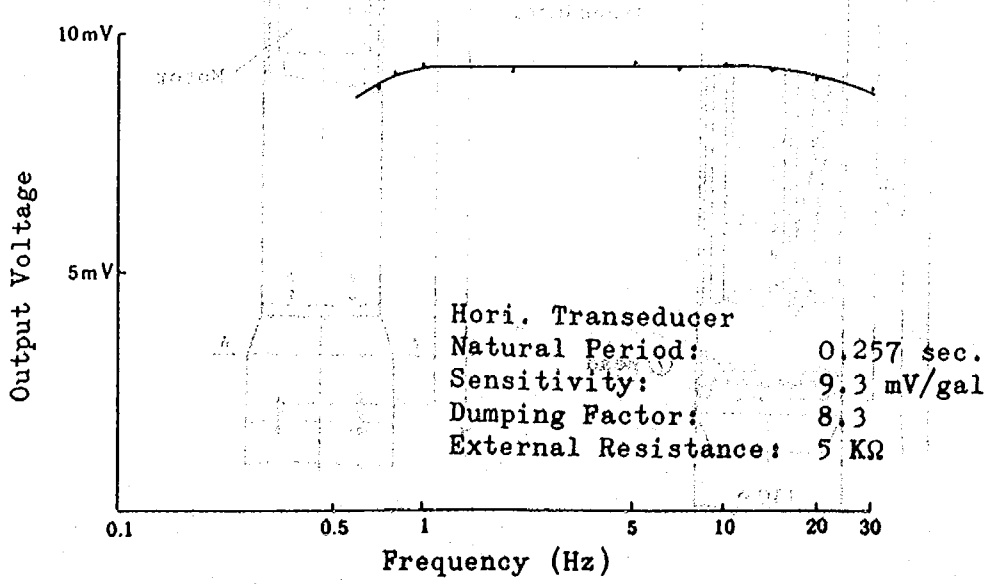


Table A2—4 Bore-hole Seismograph (TYPE-3203)

Parts	Specifications and Characteristics
Transducer	3-Component Accelerometer Natural Period : 0.25 sec. (4 cps) Sensitivity : 7mV/gal Damping Factor : h ≃ 10 Recording Range : 400 gals Frequency Range : 0.5 ~ 30 cps
Test Coil	Coil Resistance : 2 KΩ Usage : able to vibrate a pendulum of transducer with oscilator
Declinometer	Principle : Measuring angles from North with a Optical system and Magnetic Compass Accuracy : ±5 degree
Water-proof	30 Kg/cm^2 (at the joint between cable and case)
Dimension and Net Weight	Total length : 2,230 mm Max. Outside Diameter : 130 mm Length of Declinometer : 790 mm Length of Horizontal Transeducer : 370 mm Length of Vertical Transeducer : 390 mm Net Weight : Approximately 110 Kg



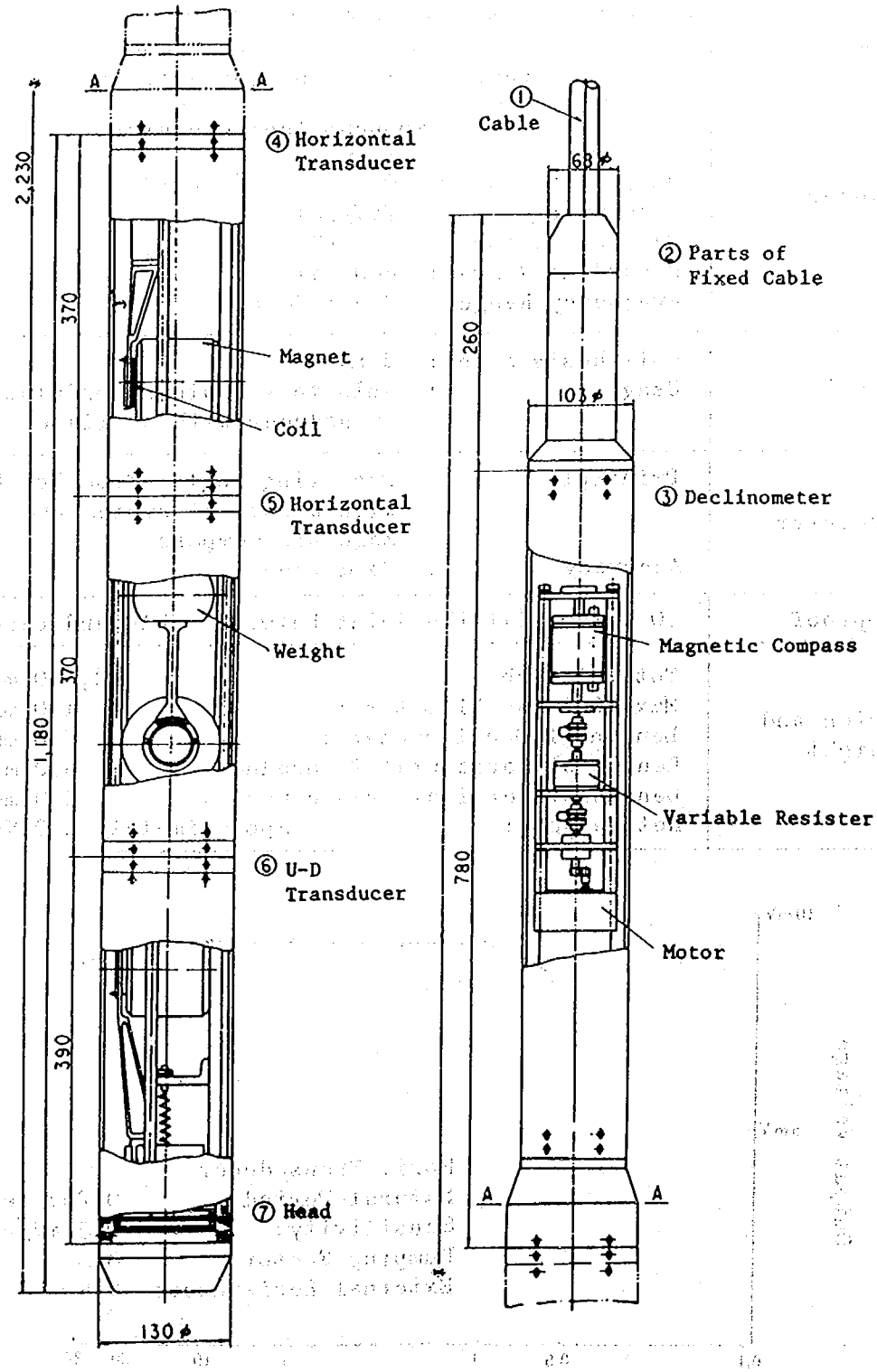
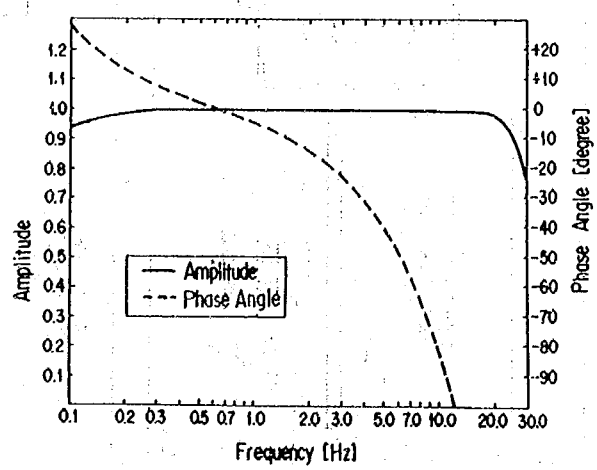
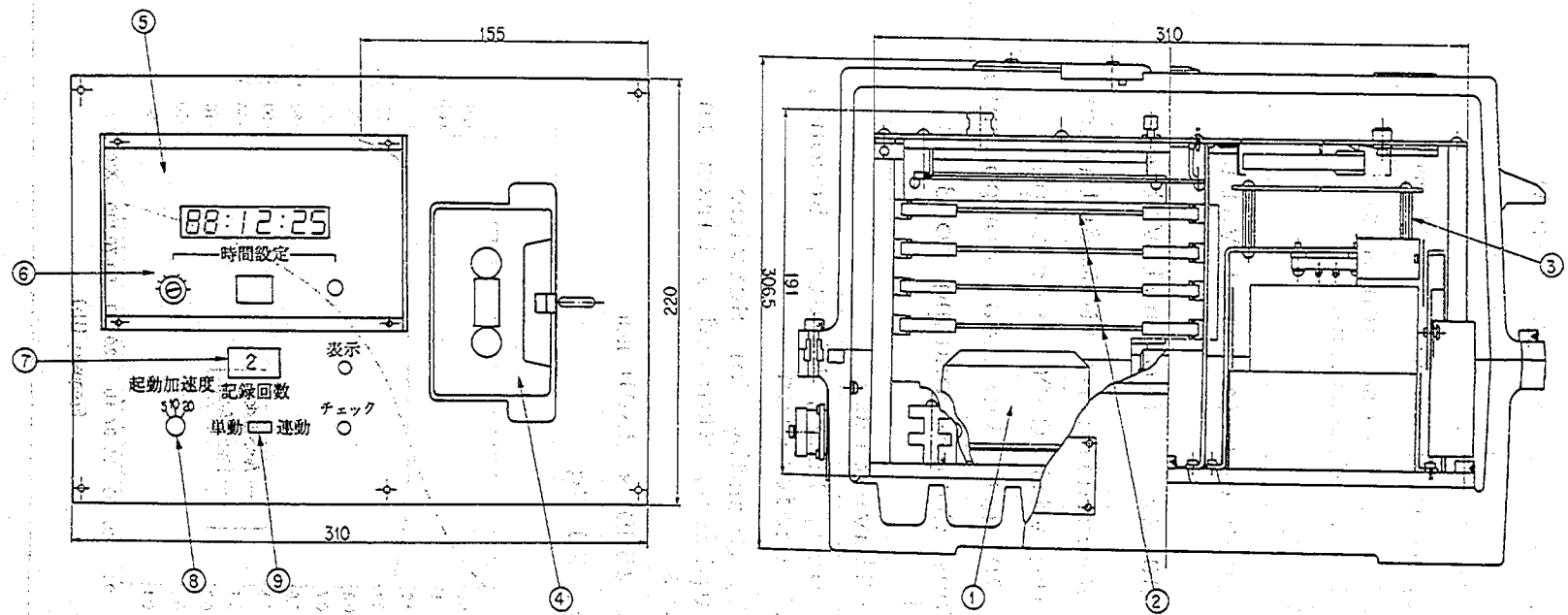


Figure A2—4 Bore-hole Seismograph (TYPE-3203)

Table A2—5 Strong—Motion Accelerograph (SM—10, SM—10A)

Type	Acceleration Type
Transducer	Shear Type Piezoelectric Element
Measuring Components	Two Horizontal Components and One Vertical Component
Natural Frequency	About 1 KHz
Acceleration Measuring Range	10 to 1,000 gal (Nominal Value)
Frequency Measuring Range	0.1 to 30 Hz (Nominal Value)
Recording Method	Analog Recording by FM Modulation
Recording Duration	45 minute with C-90 Type Tape
Trigger Level	5, 10, 20 gal (Vertical Component)
Calibration Signal	Sine Wave Corresponding to 3 Hz, 100 gal
Interlock Function	Master-Slave Start
Clock	Month, Day, Hour, Minute, Second, Digital Indication
Power Source	100V AC, Standby for Service Interruption, Started 5 times in 15 hours
External Dimensions	390W x 250D x 330H mm
Weight	Approx. 20 Kg
Frequency Characteristics	



No.	Name of Part
1	Transducer (3-Component Type)
2	Control Boad
3	Recording Unit
4	Cassette Tape
5	Clock Unit
6	Time Adjust Switch
7	Record Number Indication
8	Trigger Level Switch
9	Interlock Function Switch

Figure A2—5 Newly Developed MOC-Accelerograph (SM—10, SM—10A)

付録－3　記録の補正

本資料に収録した地震動記録はSMAC型強震計，電磁式強震計もしくは普及型強震計により得られたものである。SMAC型強震計及び電磁式強震計による記録処理は，記録線上にアナログ量として収録された波形をディジタイザーにより読み取った後に(1)に示す処理を行ったものである。

また，普及型強震計による記録処理は，アナログカセットテープ上に収録された波形をA／D変換器を用いてディジタル化し，(2)に示す処理を行ったものである。

(1)　SMAC型強震計及び電磁式強震計記録処理

1）中心軸（基線）の補正

ディジタル化した記録の中心軸を最小二乗法により定め，この中心軸が加速度振幅軸の基線となるよう補正したものである。

2）円弧補正

SMAC型強震計では，記録ペンの構造上，加速度記録はFigure A3－1に示すように，円弧状の曲線を描く。ディジタル化の際には，見かけの加速度振幅A′t′を読み取ってこれを時刻t′での加速度値としているが，加速度振幅が大きくなるにつれて，真の加速度振幅At及びこれの生ずる時間tとの間の誤差が大きくなる。このような点を正しく補正するためには，SMAC型強震計で採取された地震動の記録に対しては，次のような円弧補正を加えている。

Figure A3－1において，見かけの時刻t′において見かけの加速度振幅a′gal（$\overline{A't'}$）をもつ任意の点A′は，正しくは時刻tにおける加速度振幅a gal（$\overline{At}$）の点Aに対応しなければならない。従って今，紙送り速度vが一定であると仮定すると時間軸の補正値Δt及び加速度振幅の補正値Δaは次式のようになる。

$$\Delta t \equiv t' - t = R(1-\cos\theta)/v \quad \cdots\cdots (A3-1)$$

$$\Delta a \equiv \widehat{A't} - A't' = R\theta - R\sin\theta \quad \cdots\cdots (A3-2)$$

ここで

t：正しい時刻

t′：見かけの時刻

R：アーム長

v：紙送り速度

θ：$\sin(a'/R)$ ……（A3－3）

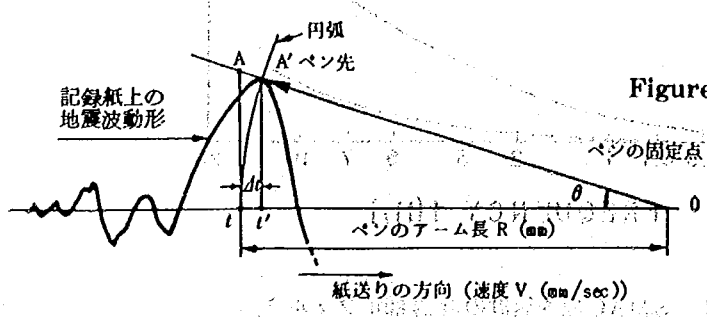


Figure A3—1　Are-Correction of Acceleration Measured by SMAC Type Accelerograph

一般には（A 3－3）式で与えられるθは極めて小さいため（A 3－2）式で与えられる加速度振幅に対する補正量Δaは，微少な値となるので（A 3－1）式で与えられる時間軸の補正（Δt）のみを加えることとしている。

3）時間軸補正

記録紙の送りむらを補正するため，地震動記録と同時に記録紙上に等時間間隔で記録されるタイムコードをディジタイザーで読みとり，ディジタル化したデータの時間軸の補正を行う。

4）計器補正

Table A2－1～Table A2－3で示したように，強震計の機種によって特に短周期側における感度が低下する。これより周波数領域においてFigure A3－2に示す補正関数を用い計器補正を行っている。

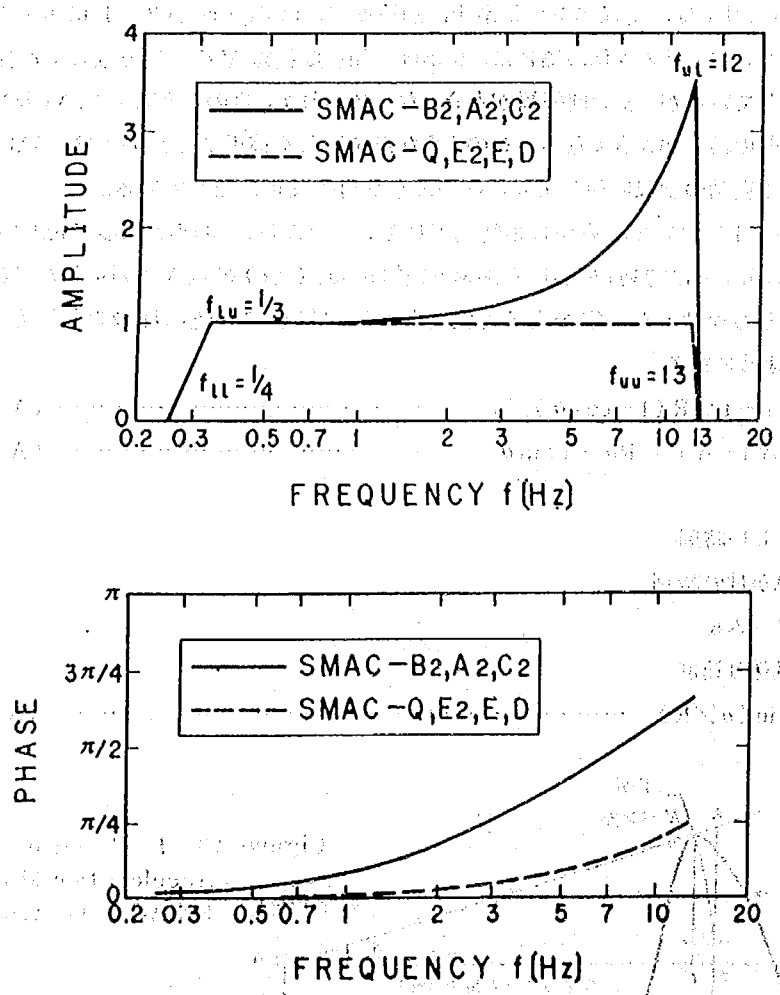


Figure A3—2　SMAC型強震計の計器補正フィルター

ここで短周期成分及び長周期成分については，既往の実験結果より数値化による誤差が大きいことから，Figure A3－2で示すようにバンドパスフィルターを施している。

(2) 普及型強震計記録処理

建設省建設技術評価制度により，昭和56年度に開発された普及型強震計5機種のうち，本年度業報に強震記録が掲載されているSM－10，SM－10A型強震計記録の処理方法を以下に示す。

1) A／D変換

普及型強震計の専用再生装置より出力されるアナログ電圧信号を，同じく再生装置より出力される100 Hzのパルス信号を用いてサンプリングする。この際，3Hz 100 gal相当の校正信号についても，100Hzサンプリングを行う。

2) 基線補正

水平2成分及び上下成分の各成分毎に地震動記録電圧値の平均値を求め基線移動量の補正を行う。

3) 校正値

水平2成分及び上下成分の各成分毎に校正信号30波のP－P電圧平均値を求め，この電圧値を200 galとすることにより校正値を求め，電圧値で与えられている地震動記録の加速度値への変換を行う。

4) 計器補正

Figure A3－3に，普及型強震計及び再生装置を含めた総合的な振幅特性ならびに位相特性を示す。本資料に収録している地震動記録は，振幅特性及び位相特性に関する計器補正を施した後に，SMAC型強震計による記録と同様のバンドパスフィルターを施している。

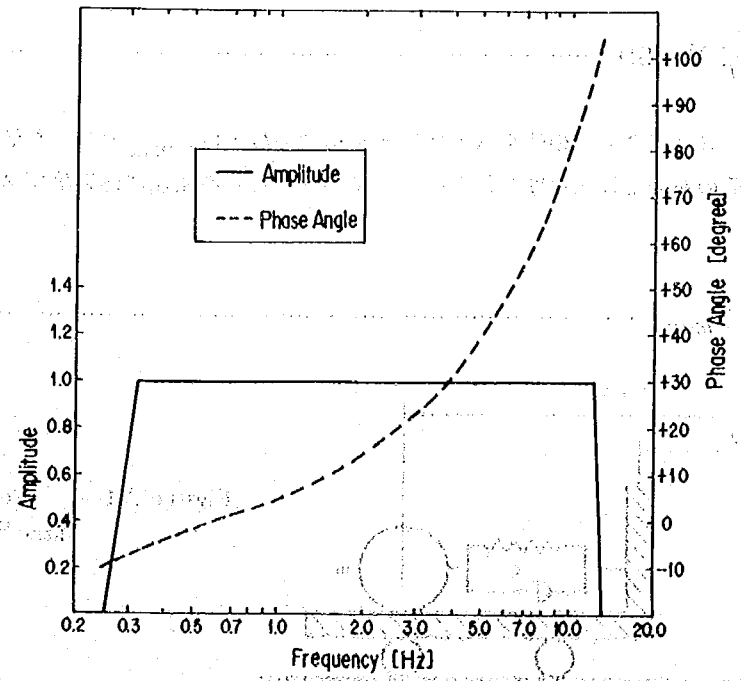


Figure A3—3 普及型強震計の計器補正フィルター

付録－4　加速度応答スペクトルの計算法

Figure A4－1に示す質量m，ばね係数k，減衰係数cからなる1自由度の振動系が$\ddot{z}$なる地震動の加速度を受けた場合の運動方程式は，次式で表される。

$$m\ddot{y}+c\dot{y}+Ky=-m\ddot{z} \quad \cdots\cdots (A4-1)$$

（A4－1）式の解は，次式で与えられる。

$$y=-\frac{1}{\omega p}\int_0^t \ddot{z}(t)\,e^{-ph(t-\tau)}\sin\omega p(t-\tau)\,d\tau \quad \cdots\cdots (A4-2)$$

ここで

$\omega p=p\sqrt{1-h^2}$

$p=\sqrt{k/m}$　：固有円振動数

$h=c/2\cdot\sqrt{m\cdot k}$　：減衰定数

（A4－2）式の応答変位yは系の減衰定数hをパラメータとして固有周期Tの関数として求められる。応答変位スペクトル（SD）は，応答変位yの最大値として定義し，次式で表される。

$$SD=|y|_{max}=\frac{1}{\omega p}\left|\int_0^t \ddot{z}(\tau)e^{-ph(t-\tau)}\sin\omega p(t-\tau)\,d\tau\right|_{max} \quad \cdots (A4-3)$$

速度応答スペクトル（SV），加速度（絶対加速度）応答スペクトル（SA）は応答変位スペクトル（SD）から近似的に次式で与えられる。

$$SV\simeq\frac{2\pi}{T}\cdot SD \quad \cdots\cdots (A4-4)$$

$$SA\simeq\left(\frac{2\pi}{T}\right)^2\cdot SD \quad \cdots\cdots (A4-5)$$

ここで，加速度応答スペクトルの値を入力地震動加速度の最大値$\ddot{z}_{max}$で割った値は，いわば地震動の加速に対するその系の応答加速度の倍率を表している。これを加速度応答倍率スペクトルβと定義した。

すなわち

$$\beta=SA/\ddot{z}_{max} \quad \cdots\cdots (A4-6)$$

である。

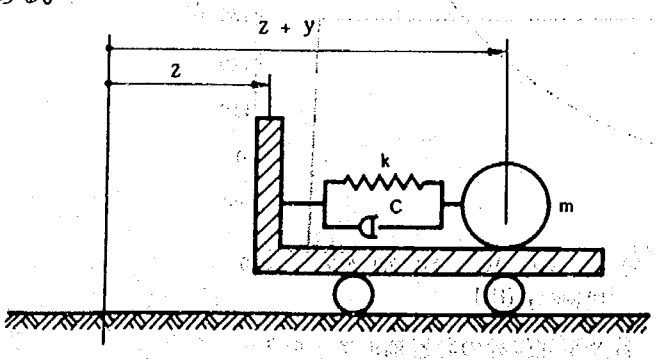


Figure A4—1　Response of One Mass-Spring System

付録－5　英文解説

APPENDIX－5　ENGLISH DESCRIPTION

Table－2 shows items of earthquake contained in this issue. Explanation of items in Table－2 is as follows.

ITEM OF TABLE 2	EXPLANATION
SERIAL NUMBER	Serial number
EARTHQUAKE NUMBER	Index number of earthquake obtained records Contains two information, year and serial number in the year.
EPICENTRAL REGION	Epicentral region named by Japan Meteorological Agency.
ORIGIN DATE AND TIME (JAPAN STANDARD TIME)	Origin date and time by J. M. A. (Japan Standard Time)
EAST LONGITUDE	East longitude of epicenter by J. M. A. (degree, minute)
NORTH LATITUDE	North latitude of epicenter by J. M. A. (degree, minute)
FOCAL DEPTH (KM)	Focal depth (km)
MAGNITUDE (J. M. A. MAGNITUDE)	J. M. A. Magnitude

Table — 3 shows items of records which wave figures, response spectva and numerical values are is this issue. Expranation of items in Table — 3 is as follows.

ITEM OF TABLE 3	EXPLANATION
SERIAL NUMBER	Serial Number
EARTHQUAKE NUMBER	Index number of earthquake obtained records. Contains two information, year and serial number in the year.
INDEX NUMBER RECORD NUMBER	Index number of records registered by Public Works Research Institute Record number contains three information, Staition number, Installation condition and Sequence number. STATION NUMBER : Number representing the place where accelerographs are installed INSTALLATION CONDITION : Character representing the point where accelerograph is istalled. GR : ground surface PI : pier top of bridge AB : abutment of bridge G : girder FU : footing of pier DA : dam ES : estuary dam GT : water gate BK : embankment TU : tunnel US : under ground structure n.F or Bn.F : building ST : other structure UG : under ground SEQUENCE NUMBER : Number representing the sequence of earthquake motion recorded by the accelerometer
STATION NAME	Earthquake observation station name
COMPONENT	Direction of component LG : Longitude of structure U — D : Up — Down TR : Transverse of structure HA : Horizontal component A

ITEM OF TABLE 3	EXPLANATION
	HB : Horizontal component B
MAXIMUM ACCELERATION VALUE (GAL)	Maximum acceleration value of record (gal)
MAXIMUM ACCELERATION TIME (SEC)	Time when maximum acceleration value occur.
DIGITIZED TIME (sec)	Digitized time from bigining to end.
DATA POINT NUMBER	Number of numeral values.

Table－4 shows items of records obtained by earthquakes of Table－2 It contains three information, items of earthquake, observed records and station data. Explanation of items in Table－4 is as follows.

	ITEM OF TABLE 4	EXPLANATION
ITEMS OF EARTHQUAKE		Explanation is written in Table－2
OBSERVED RECORDS	STATION NUMBER	Number representing the place where accelerographs are installed.
	INSTALLATION CONDITION	Character representing the point where accelerographs is installed (refering to Table－3)
	RECORD NUMBER	Number representing the sequence of earthquake motion recorded by the accelerometer
	EPICENTRAL DISTANCE (KM)	Epicentral distance (km)
	MAXIMUM VALUE OF ORIGINAL RECORD (GAL)	Maximum acceleration values measured from original records (gal)
	MAXIMUM VALUE OF ARRANGED RECORD (GAL)	Maximum acceleration values after digitized and corrected records (gal)
	INDEX NUMBER	Index number of records registered by public Works Research Institute.
STATION DATA	STATION NUMBER	Same as above.
	STATION NAME	Station name.
	INSTALLATION CONDITION	Character representing the point where accelerographs is installed (refering to Table－3)
	EAST LONGITUDE	East longitude of site where accelerographs is installed (degree, minute, second)

	ITEM OF TABLE 4	EXPLANATION
	NORTH LATITUDE	North latitude of site where accelerographs is installed (degree, minute, second)
	INSTALLED DATE	Date when accelerographs installed.
	DIRECTION OF HA	Direction of horizontal component A
	MACHINE NUMBER	Accelerograph production number.

Figure 4 — 1 shows the location of the stations obtained records by the earthquakes listed at Table 2.

Figure 4 — 2 shows the location of the Japan Meteorological Agency stations where. J. M. A. seismic intensity is larger than or equal I.

Figure 5 show corrected acceleration wave in the sequence of index number listed at Table 3.

Figure 6 show acceleration response spectrum ratio of the records in the sequence of index number listed at Table 3.

Figure 7 show the numerical value of the corrected acceleration in the sequence of index number listed at Table 3.