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土木構造物における加速度強震記録（No. 19）

Strong-Motion Acceleration Records from Public Works in Japan (No. 19)

平成 5 年 1 月

January 1993

建設省土木研究所

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要旨

本彙報は，土木研究所が管理する加速度強震記録を地震発生年月日の順に掲載した第19巻めの資料である。この資料には，1991年1月から1991年12月までに発生した地震のうち，強震記録の得られた48地震185記録のデータを収録している。このうち10地震34記録101成分のデータについてはディジタル記録の再生波形及び応答スペクトル曲線を掲載し，さらにこの中の8地震13記録39成分のデータについては，ディジタル数値を網羅している。

キーワード：地震動，強震観測，土木構造物，加速度強震記録，耐震設計

Synopsis

This is the 19th report presenting earthquake acceleration motions measured on structures (except building or port structures) and on grounds near the structures in Japan. This issue contains 185 records caused by 48 Earthquakes measured between January 1991 and December 1991. 101 components (34 records) caused by 10 Earthquakes are together with acceleration time histories and linear response spectra of the records, and 39 components among them are together also with digitized values.

English explanation for foreign readers is Provided in Appendix 5 on page 353.

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

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1. 概　説

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

現在までに刊行された資料の多くは，強震観測体制と検索システムを徐々に整備すると共に，記録の利用法を模索するなかで個々の強震記録の利用を図るという点に力点が置かれていたため，ややもすると統一した利用性を欠くきらいがあった。しかしながら，その後の強震観測体制の整備及び採取された強震記録の解析によってもたらされた地震動と地震の規模あるいは地震動と地盤条件等の因果関係が少しずつ解明されると共に，耐震設計の中で強震記録の一層の利用を促進するためには，単に個々の地震動の記録のみならず，それが採取された地震の特性，同時に観測された他地点の記録等との関連をつけながら，より総合的に記録の利用を図る必要のあることが指摘されてきた。本資料はこのような強震記録を土木研究所が現在推し進めている地震動記録の総合検索システムの一環として位置づけ，整理した第19巻めの資料であり，1991年1月から1991年12月までに発生した地震のうち強震記録の得られた48地震185記録のデータを収録している。このうち，10地震34記録101成分のデータについては，ディジタル記録の再生波形及び応答スペクトル曲線を掲載し，さらにこの中の8地震13記録39成分のデータについてはディジタル数値を網羅している。

なお，1987年のSMAC型強震計記録より，従来のディジタイザーによる読み取り方法から，自動数値化装置による読み取り方式への変更を行っている。ただし，1987年12月17日千葉県東方沖の地震（地震番号87054）による記録については，ディジタイザーによる読み取りを行っている。

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

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

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

現在までに本シリーズとしてTable 1に示す19冊が刊行されている。

Table 1 土木研究所彙報「土木構造物における加速度強震記録」刊行状況

No.	彙報番号	収録年	収録地震数	収録成分数	収録されている主要地震	発行年
1	第32号	1963. 1～1967. 7	18地震	200成分		昭和53年（1978年）3月
2	第33号	1978. 1～1978. 6	4地震	60成分	伊豆大島近海地震 (1978.1.14) M＝7.0 宮城県沖地震 (1978.6.12) M＝7.4	昭和53年（1978年）10月
3	第34号	1967. 9～1968.10	15地震	99成分	日向灘地震 (1968.4.1) M＝7.5 十勝沖地震 (1968.5.16) M＝7.9	昭和53年（1978年）10月
4	第35号	1968.10～1968.12	12地震	75成分		昭和55年（1980年）3月
5	第36号	1970. 1～1971.12	12地震	97成分		昭和55年（1980年）3月
6	第37年	1972. 1～1973.12	10地震	80成分		昭和56年（1981年）7月
7	第38号	1974. 1～1975.12	10地震	83成分	伊豆半島沖地震 (1974.5.9) M＝6.9	昭和56年（1981年）3月
8	第41号	1976. 1～1977.12 1979. 1～1980.12	12地震	93成分		昭和57年（1982年）10月
9	第42号	1981. 1～1982.12	9地震	93成分	浦河沖地震 (1982.3.21) M＝7.1	昭和59年（1984年）1月
10	第43号	1983. 1～1983.12	16地震	168成分	日本海中部地震 (1983.5.26) M＝7.7	昭和60年（1985年）12月
11	第44号	1984. 1～1981.12	12地震	81成分	長野県西部地震 (1984.9.14) M＝6.8	昭和61年（1986年）2月
12	第46号	1985. 1～1985.12	7地震	54成分		昭和62年（1987年）1月
13	第48号	1986. 1～1986.12	7地震	45成分		昭和63年（1988年）1月
14	第51号	1987. 1～1987. 3	9地震	99成分		平成元年（1989年）1月
15	第52号	1987. 4～1987.12	9地震	137成分	千葉県東方沖地震 (1987.12.17) M＝6.7	平成元年（1989年）1月
16	第54号	1988. 1～1988.12	16地震	208成分		平成2年（1990年）1月
17	第55号	1989. 1～1989.12	12地震	116成分		平成3年（1991年）3月
18	第56号	1990. 1～1990.12	11地震	105成分		平成4年（1992年）1月
19	第59号	1991. 1～1991.12	10地震	101成分		平成5年（1993年）1月

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

2. 掲載地震諸元

Table 2は，1991年1月から1991年12月までの地震動記録が採取された地震の諸元を示すものである。Table 2の項目を順を追って説明すると以下のとおりである。

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

Table 2 EARTHQUAKE DATA LIST

SERIAL NUMBER	EARTHQUAKE NUMBER	EPICENTRAL REGION	ORIGIN DATE AND TIME (JAPAN STANDARD TIME)	EAST LOGITUDE	NORTH LATITUDE	FOCAL DEPTH(KM)	MAGNITUDE (J.M.A.MAGNITUDE)
1	91001	IYONADA SETONAIKAI	1991.01.04.03:36	132 19	33 32	58	5.1
2	91002	NORTHERN IWATE PREF	1991.01.27.18:56	141 58	39 46	68	4.6
3	91003	E OFF IWATE PREF	1991.02.03.00:00	142 11	39 40	50	4.3
4	91004	NORTHERN TOCHIGI PREF	1991.02.05.10:43	139 42	36 57	8	3.6
5	91005	MID NIIGATA PREF	1991.02.22.21:27	138 33	37 12	12	4.3
6	91006	NORTHERN IWATE PREF	1991.02.28.11:56	142 02	39 41	49	3.6
7	91007	TOKYO PREF	1991.03.01.07:40	139 42	35 39	43	3.8
8	91008	NE OFF IWATE PREF	1991.03.02.08:06	142 18	40 16	42	5.1
9	91009	NORTHERN CHIBA PREF	1991.03.11.13:54	140 06	35 43	58	3.6
10	91010	NEMURO REGION	1991.04.02.07:23	145 26	43 16	66	4.8
11	91011	E OFF FUKUSHIMA PREF	1991.04.09.08:26	141 39	37 19	46	4.5
12	91012	OFF NEMURO PENINSULA	1991.04.24.09:32	144 51	42 42	52	5.4
13	91013	CENTRAL SHIZUOKA PREF	1991.04.25.07:12	138 12	35 03	32	4.9
14	91014	FAR E OFF NORTH HONSHU	1991.05.07.22:09	144 58	39 22	18	6.0
15	91015	CENTRAL AICHI PREF	1991.05.11.04:57	136 59	35 11	46	3.9
16	91016	SE OFF BOSO PENINSULA	1991.05.18.10:02	139 55	34 50	97	4.7
17	91017	TOKACHI REGION	1991.06.13.05:11	143 25	42 44	120	6.0
18	91018	SOUTHERN IWATE PREF	1991.06.15.10:21	141 54	39 28	61	5.4
19	91019	E OFF IBARAKI PREF	1991.06.25.12:49	140 58	36 38	49	5.1
20	91020	TOKYO BAY REGION	1991.06.28.20:11	139 51	35 29	68	4.6
21	91021	OFF NEMURO PENINSULA	1991.07.10.14:52	145 42	43 14	92	5.5
22	91022	MID NIIGATA PREF	1991.07.12.19:03	138 36	37 14	14	4.2
23	91023	NW GUNMA PREF	1991.07.14.23:19	138 30	36 25	188	5.4
24	91024	NW WAKAYAMA PREF	1991.08.22.19:29	135 11	34 12	6	3.6
25	91025	WESTERN TOTTORI PREF	1991.08.27.23:59	133 19	35 17	13	4.4
26	91026	WESTERN TOTTORI PREF	1991.08.28.10:29	133 11	35 19	13	5.9
27	91027	CENTRAL YAMANASHI PREF	1991.08.31.15:34	138 44	35 49	10	3.7
28	91028	NEAR MIYAKEJIMA ISLAND	1991.09.03.17:44	138 49	33 41	33	6.3
29	91029	HYUGANADA REGION	1991.09.17.12:06	131 37	31 48	26	4.6
30	91030	NORTHERN CHIBA PREF	1991.09.29.13:13	140 06	35 45	79	4.9
31	91031	WESTERN NAGANO PREF	1991.10.05.17:56	137 29	35 48	9	4.1
32	91032	NORTHERN IWATE PREF	1991.10.10.05:02	141 50	39 45	59	4.0
33	91033	OFF NEMURO PENINSULA	1991.10.18.01:57	145 06	42 56	60	5.3
34	91034	SW IBARAKI PREF	1991.10.19.08:31	139 55	36 05	59	4.3
35	91035	E OFF FUKUSHIMA PREF	1991.10.24.03:22	142 08	37 08	15	4.7
36	91036	KUSHIRO REGION	1991.10.25.19:39	144 26	43 12	105	6.1
37	91037	CENTRAL WAKAYAMA PREF	1991.10.27.04:59	135 19	33 49	61	4.3
38	91038	SUONADA SETONAIKAI	1991.10.28.10:09	131 10	33 55	19	6.0
39	91039	KYOTO OSAKA BORDER REG	1991.11.02.08:53	135 32	35 02	14	4.3
40	91040	E OFF FUKUSHIMA PREF	1991.11.14.08:47	141 28	37 17	83	4.3
41	91041	NE OFF IWATE PREF	1991.11.17.16:46	142 42	40 03	27	4.9
42	91042	CENTRAL CHIBA PREF	1991.11.19.17:24	140 01	35 36	81	4.9
43	91043	WESTERN SAITAMA PREF	1991.11.24.21:07	139 14	36 03	21	4.1
44	91044	S OFF URAKAWA	1991.11.27.04:40	142 39	41 59	64	6.4
45	91045	NORTHERN IBARAKI PREF	1991.12.12.11:27	140 39	36 27	48	4.6
46	91046	OFF NEMURO PENINSULA	1991.12.17.13:23	145 34	43 08	50	5.1
47	91047	E OFF IWATE PREF	1991.12.24.05:02	142 21	39 55	56	4.5
48	91048	NORTHERN TOCHIGI PREF	1991.12.31.08:38	140 13	36 43	79	4.4

3. 掲載強震記録

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

Table 3の項目を順を追って説明すると以下のとおりである。

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

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

Table 3(1) ACCELEROGRAM DATA LIST

SERIAL NUMBER	EARTHQUAKE NUMBER	INDEX NUMBER	RECORD NUMBER	STATION NAME OF STRACTURE	COMPONENT	MAXIMUM ACCELERATION VALUE(GAL)	MAXIMUM ACCELERATION TIME(SEC)	DIGITIZED TIME(SEC)	DATA POINT NUMBER
1	91012	1893	1315-GR-1-11	ONNETTO BRIDGE	HA. (HA.)	31.8	0.99	17.50	1750
2	91012	1894	1315-GR-1-11	ONNETTO BRIDGE	U-D	-12.7	0.88	17.50	1750
3	91012	1895	1315-GR-1-11	ONNETTO BRIDGE	HB. (HB.)	-41.1	0.31	17.50	1750
4	91017	1896	1302-GR-1-26	CHIYODA BRIDGE	HA. (HA.)	73.1	11.32	60.00	6000
5	91017	1897	1302-GR-1-26	CHIYODA BRIDGE	U-D	13.3	12.92	60.00	6000
6	91017	1898	1302-GR-1-26	CHIYODA BRIDGE	HB. (HB.)	77.6	11.06	60.00	6000
7	91017	1899	1302-PI-1-17	CHIYODA BRIDGE	HA. (HA.)	77.3	0.06	61.00	6100
8	91017	1900	1302-PI-1-17	CHIYODA BRIDGE	U-D	-33.8	0.14	61.00	6100
9	91017	1901	1302-PI-1-17	CHIYODA BRIDGE	HB. (HB.)	153.0	0.06	61.00	6100
10	91017	1902	1302-AB-1-15	CHIYODA BRIDGE	HA. (HA.)	63.9	0.03	59.62	5962
11	91017	1903	1302-AB-1-15	CHIYODA BRIDGE	U-D	15.2	0.06	59.62	5962
12	91017	1904	1302-AB-1-15	CHIYODA BRIDGE	HB. (HB.)	80.6	0.12	59.62	5962
13	91017	1905	1317-GR-1-7	HIROO BRIDGE	HA. (HA.)	-41.2	0.07	19.00	1900
14	91017	1906	1317-GR-1-7	HIROO BRIDGE	U-D	9.2	0.39	19.00	1900
15	91017	1907	1317-GR-1-7	HIROO BRIDGE	HB. (HB.)	-27.6	0.35	19.00	1900
16	91021	1908	1315-GR-1-12	ONNETTO BRIDGE	HA. (HA.)	-51.2	0.14	19.00	1900
17	91021	1909	1315-GR-1-12	ONNETTO BRIDGE	U-D	-32.8	0.60	19.00	1900
18	91021	1910	1315-GR-1-12	ONNETTO BRIDGE	HB. (HB.)	75.5	0.12	19.00	1900
19	91021	1911	1315-PI-1-8	ONNETTO BRIDGE	HA. (HA.)	64.5	0.07	18.50	1850
20	91021	1912	1315-PI-1-8	ONNETTO BRIDGE	U-D	14.5	0.18	18.50	1850
21	91021	1913	1315-AB-1-9	ONNETTO BRIDGE	HA. (HA.)	24.3	0.23	18.50	1850
22	91021	1914	1315-AB-1-9	ONNETTO BRIDGE	U-D	15.2	0.12	18.50	1850
23	91021	1915	1315-AB-1-9	ONNETTO BRIDGE	HB. (HB.)	-22.4	0.45	18.50	1850
24	91026	1916	306-GR-1-15	MYOUKEN BRIDGE	HA. (HA.)	-101.0	5.55	59.75	5975
25	91026	1917	306-GR-1-15	MYOUKEN BRIDGE	U-D	-17.8	5.12	59.75	5975
26	91026	1918	306-GR-1-15	MYOUKEN BRIDGE	HB. (HB.)	-64.8	5.66	59.75	5975
27	91026	1919	306-PI-1-38	MYOUKEN BRIDGE	HA. (HA.)	60.0	1.12	59.57	5957
28	91026	1920	306-PI-1-38	MYOUKEN BRIDGE	U-D	21.6	0.24	59.57	5957
29	91026	1921	306-PI-1-38	MYOUKEN BRIDGE	HB. (HB.)	-80.8	0.85	59.57	5957
30	91026	1922	S615-GR-1-11	SUGESAWA DAM	HA. (HA.)	-58.7	2.45	41.27	4127
31	91026	1923	S615-GR-1-11	SUGESAWA DAM	U-D	-34.8	2.15	41.27	4127
32	91026	1924	S615-GR-1-11	SUGESAWA DAM	HB. (HB.)	87.2	2.21	41.27	4127
33	91026	1925	S615-DA-1-11	SUGESAWA DAM	HA. (HA.)	-22.4	2.05	41.27	4127
34	91026	1926	S615-DA-1-11	SUGESAWA DAM	U-D	-23.9	1.76	41.27	4127
35	91026	1927	S615-DA-1-11	SUGESAWA DAM	HB. (HB.)	34.2	1.79	41.27	4127
36	91026	1928	S615-DA-2-10	SUGESAWA DAM	HA. (HA.)	-42.1	2.44	41.27	4127
37	91026	1929	S615-DA-2-10	SUGESAWA DAM	U-D	56.1	2.82	41.27	4127
38	91026	1930	S615-DA-2-10	SUGESAWA DAM	HB. (HB.)	-125.8	3.00	41.27	4127
39	91033	1931	1315-GR-1-13	ONNETTO BRIDGE	HA. (HA.)	156.1	0.39	18.50	1850
40	91033	1932	1315-GR-1-13	ONNETTO BRIDGE	U-D	57.8	0.20	18.50	1850
41	91033	1933	1315-GR-1-13	ONNETTO BRIDGE	HB. (HB.)	125.0	0.05	18.50	1850
42	91033	1934	1315-PI-1-9	ONNETTO BRIDGE	HA. (HA.)	-72.5	0.16	18.50	1850
43	91033	1935	1315-PI-1-9	ONNETTO BRIDGE	U-D	-15.0	0.63	18.50	1850
44	91033	1936	1315-PI-1-9	ONNETTO BRIDGE	HB. (HB.)	66.8	0.08	18.50	1850
45	91033	1937	1315-AB-1-10	ONNETTO BRIDEG	HA. (HA.)	64.1	0.11	18.00	1800
46	91033	1938	1315-AB-1-10	ONNETTO BRIDEG	U-D	20.4	0.03	18.00	1800
47	91033	1939	1315-AB-1-10	ONNETTO BRIDEG	HB. (HB.)	39.9	0.94	18.00	1800
48	91036	1940	1317-GR-1-8	HIROO BRIDGE	HA. (HA.)	17.7	0.06	18.50	1850
49	91036	1941	1317-GR-1-8	HIROO BRIDGE	U-D	10.1	0.06	18.50	1850
50	91036	1942	1317-GR-1-8	HIROO BRIDGE	HB. (HB.)	20.0	0.23	18.50	1850

Table 3(2). ACCELEROGRAM DATA LIST

SERIAL NUMBER	EARTHQUAKE NUMBER	INDEX NUMBER	RECORD NUMBER	STATION NAME OF STRACTURE	COMPONENT	MAXIMUM ACCELERATION VALUE(GAL)	MAXIMUM ACCELERATION TIME(SEC)	DIGITIZED TIME(SEC)	DATA POINT NUMBER
51	91038	1943	502-GR-M-9	KANMON BRIDGE	HA. (HA.)	48.7	0:12	29.23	2923
52	91038	1944	502-GR-M-9	KANMON BRIDGE	U-D	-35.7	0:28	29.23	2923
53	91038	1945	502-GR-M-9	KANMON BRIDGE	HB. (HB.)	38.0	0:01	29.23	2923
54	91038	1946	502-GR-S-7	KANMON BRIDGE	HA. (HA.)	97.5	2.98	29.84	2984
55	91038	1947	502-GR-S-7	KANMON BRIDGE	U-D	58.5	2.56	29.84	2984
56	91038	1948	502-GR-S-7	KANMON BRIDGE	HB. (HB.)	-120.4	2.61	29.84	2984
57	91038	1949	707-GR-1-1	ONGAGAWA ES.	HA. (HA.)	-44.1	6.81	18.00	1800
58	91038	1950	707-GR-1-1	ONGAGAWA ES.	U-D	30.3	7.51	18.00	1800
59	91038	1951	707-GR-1-1	ONGAGAWA ES.	HB. (HB.)	-67.2	9.01	18.00	1800
60	91038	1952	707-ES-1-1	ONGAGAWA ES.	HA. (HA.)	40.9	5.96	18.50	1850
61	91038	1953	707-ES-1-1	ONGAGAWA ES.	U-D	-19.6	6.29	18.50	1850
62	91038	1954	707-ES-1-1	ONGAGAWA ES.	HB. (HB.)	119.0	6.33	18.50	1850
63	91038	1955	707-ES-2-1	ONGAGAWA ES.	HA. (HA.)	-38.5	5.71	11.50	1150
64	91038	1956	707-ES-2-1	ONGAGAWA ES.	U-D	16.7	11.46	11.50	1150
65	91038	1957	707-ES-2-1	ONGAGAWA ES.	HB. (HB.)	54.4	5.06	11.50	1150
66	91038	1958	S715-GR-1-1	NAKATSU ES.	HA. (HA.)	-95.0	4.61	52.00	5200
67	91038	1959	S715-GR-1-1	NAKATSU ES.	U-D	57.7	4.68	52.00	5200
68	91038	1960	S715-GR-1-1	NAKATSU ES.	HB. (HB.)	-70.3	4.66	52.00	5200
69	91038	1961	S715-ES-1-1	NAKATSU ES.	HA. (HA.)	96.3	4.54	55.95	5595
70	91038	1962	S715-ES-1-1	NAKATSU ES.	U-D	38.2	4.68	55.95	5595
71	91038	1963	S715-ES-1-1	NAKATSU ES.	HB. (HB.)	-65.1	4.82	55.95	5595
72	91042	1964	712-GR-1-16	EDOGAWA EMB.	HA. (HA.)	55.2	9.64	19.00	1900
73	91042	1965	712-GR-1-16	EDOGAWA EMB.	U-D	13.6	0.34	19.00	1900
74	91042	1966	712-GR-1-16	EDOGAWA EMB.	HB. (HB.)	33.5	9.59	19.00	1900
75	91042	1967	712-BK-1-23	EDOGAWA EMB.	HA. (HA.)	-29.9	9.08	18.50	1850
76	91042	1968	712-BK-1-23	EDOGAWA EMB.	U-D	10.3	0.09	18.50	1850
77	91042	1969	712-BK-1-23	EDOGAWA EMB.	HB. (HB.)	-32.2	9.12	18.50	1850
78	91044	1970	1302-GR-1-28	CHIYODA BRIDGE	HA. (HA.)	-53.5	6.78	65.00	6500
79	91044	1971	1302-GR-1-28	CHIYODA BRIDGE	U-D	-12.7	16.83	65.00	6500
80	91044	1972	1302-GR-1-28	CHIYODA BRIDGE	HB. (HB.)	-76.3	7.99	65.00	6500
81	91044	1973	1305-GR-1-19	HOROMAN BRIDGE	HA. (HA.)	66.4	9.10	30.00	3000
82	91044	1974	1305-GR-1-19	HOROMAN BRIDGE	U-D	19.3	7.98	30.00	3000
83	91044	1975	1305-GR-1-19	HOROMAN BRIDGE	HB. (HB.)	-94.4	8.52	30.00	3000
84	91044	1976	1305-PI-1-10	HOROMAN BRIDGE	HA. (HA.)	98.5	6.43	30.00	3000
85	91044	1977	1305-PI-1-10	HOROMAN BRIDGE	U-D	-34.6	6.40	30.00	3000
86	91044	1978	1305-PI-1-10	HOROMAN BRIDGE	HB. (HB.)	98.0	6.62	30.00	3000
87	91044	1979	1317-GR-1-9	HIROO BRIDGE	HA. (HA.)	-84.4	3.57	34.50	3450
88	91044	1980	1317-GR-1-9	HIROO BRIDGE	U-D	22.5	4.00	34.50	3450
89	91044	1981	1317-GR-1-9	HIROO BRIDGE	HB. (HB.)	79.7	4.03	34.50	3450
90	91044	1982	1317-AB-1-3	HIROO BRIDGE	HA. (HA.)	-26.5	0.62	17.00	1700
91	91044	1983	1317-AB-1-3	HIROO BRIDGE	U-D	-13.0	2.21	17.00	1700
92	91044	1984	1317-AB-1-3	HIROO BRIDGE	HB. (HB.)	-39.3	1.24	17.00	1700
93	91046	1985	1315-GR-1-14	ONNETTO BRIDGE	HA. (HA.)	148.6	5.72	30.00	3000
94	91046	1986	1315-GR-1-14	ONNETTO BRIDGE	U-D	-72.3	5.87	30.00	3000
95	91046	1987	1315-GR-1-14	ONNETTO BRIDGE	HB. (HB.)	-216.1	5.78	30.00	3000
96	91046	1988	1315-PI-1-10	ONNETTO BRIDGE	HA. (HA.)	247.0	5.55	17.50	1750
97	91046	1989	1315-PI-1-10	ONNETTO BRIDGE	U-D	-40.9	5.57	17.50	1750
98	91046	1990	1315-PI-1-10	ONNETTO BRIDGE	HB. (HB.)	-194.7	5.51	17.50	1750
99	91046	1991	1315-AB-1-11	ONNETTO BRIDGE	HA. (HA.)	121.0	5.44	17.00	1700
100	91046	1992	1315-AB-1-11	ONNETTO BRIDGE	U-D	44.1	5.38	17.00	1700

Table 3(3) ACCELEROGRAM DATA LIST

SERIAL NUMBER	EARTHQUAKE NUMBER	INDEX NUMBER	RECORD NUMBER	STATION NAME OF STRACTURE	COMPONENT	MAXIMUM ACCELERATION VALUE(GAL)	MAXIMUM ACCELERATION TIME(SEC)	DIGITIZED TIME(SEC)	DATA POINT NUMBER
101	91046	1993	1315-AB-1-11	ONNETTO BRIDGE	HB. (HB.)	109.0	5.39	17.00	1700

4. 強震計の作動状況

4－1 強震計作動状況表

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

Table 4の項目は次のとおりである。

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

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

4－2　強震計作動状況図

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

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

4－3　気象庁震度階震度分布図

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

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

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91001
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.01.04 03:36 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	IYONADA SETONAIKAI
	HYPOCENTER	
	EAST LONGITUDE	132 19.3'
	NORTH LATITUDE	33 32.7'
	FOCAL DEPTH	58 KM
	MAGNITUDE	5.1 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
710	GR-1	3	97	20	5	20						
S616	DA-1	1	60	6	7	7						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
710	OOTAGAWA EMBANKMENT	GR-1	132 27 00	34 24 33	800900	SMAC-Q	N40W	000000
S616	ISHITEGAWA DAM	DA-1	132 50 25	33 52 34	******			******

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

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	91002
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.01.27 18:56 (JAPAN STANDARD TIME)
EPICENTRAL RESION	NORTHERN IWATE PREF
HYPOCENTER	
EAST LONGITUDE	141 58.3'
NORTH LATITUDE	39 46.0'
FOCAL DEPTH	68 KM
MAGNITUDE	4.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S102	GR-1	30	17	22	7	17						
S102	PI-1	30	17	22	11	18						
S102	G-1	27	17	32	23	54						
S601	DA-2	10	70	19	9	27						
S621	DA-2	1	73	19	12	33						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S102	SHIINO BRIDGE	GR-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	PI-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	G-1	141 54 30	39 54 25	841200	SM-10A		000000
S601	SHIJUSHIDA DAM	DA-2	141 09 07	39 44 58	811200	SM-10		000000
S621	TASE DAM	DA-2	141 19 19	39 20 24	******	SM-10B		******

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

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	91003
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.02.03 00:00 (JAPAN STANDARD TIME)
EPICENTRAL REGION	E OFF IWATE PREF
HYPOCENTER	
EAST LONGITUDE	142 11.2'
NORTH LATITUDE	39 40.1'
FOCAL DEPTH	50 KM
MAGNITUDE	4.3 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S102	GR-1	31	36	6	3	4						
S102	PI-1	31	36	15	4	11						
S102	G-1	28	36	22	18	36						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S102	SHIINO BRIDGE	GR-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	PI-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	G-1	141 54 30	39 54 25	841200	SM-10A		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91004
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.02.05 10:43 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN TOCHIGI PREF
	HYPOCENTER	
	EAST LONGITUDE	139 42.6'
	NORTH LATITUDE	36 57.3'
	FOCAL DEPTH	8 KM
	MAGNITUDE	3.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S603	GR-1	2	7	6	5	9						
S603	DA-1	17	19	5	4	7						
S610	GR-1	2	6	5	3	5						
S610	DA-1	2	6	3	4	3						
S610	DA-2	2	6	10	8	22						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S603	KAWAMATA DAM	GR-1	139 41 48	36 53 45	820000	SM-10A		000000
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S610	IKARI DAM	GR-1	139 42 31	36 53 59	******	SM-10A		******
S610	IKARI DAM	DA-1	139 42 31	36 53 59	******			******
S610	IKARI DAM	DA-2	139 42 31	36 53 59	******	SM-10A		******

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91005
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.02.22 21:27 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	MID NIIGATA PREF
	HYPOCENTER	
	EAST LONGITUDE	138 33.8'
	NORTH LATITUDE	37 12.9'
	FOCAL DEPTH	12 KM
	MAGNITUDE	4.3 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
102	GR-1	23	16	12	3	15						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
T02	YONEYAMA BRIDGE	GR-1	138 29 14	37 20 31	660300	SMAC-B2	E55S	038560

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91006
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.02.28 11:56 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN IWATE PREF
	HYPOCENTER	
	EAST LONGITUDE	142 2.7'
	NORTH LATITUDE	39 41.2'
	FOCAL DEPTH	49 KM
	MAGNITUDE	3.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S102	GR-1	32	27	3	2	2						
S102	PI-1	32	27	4	1	4						
S102	G-1	29	27	5	6	7						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S102	SHIINO BRIDGE	GR-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	PI-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	G-1	141 54 30	39 54 25	841200	SM-10A		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91007
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.03.01 07:40 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	TOKYO PREF
	HYPOCENTER	
	EAST LONGITUDE	139 42.6'
	NORTH LATITUDE	35 39.5'
	FOCAL DEPTH	43 KM
	MAGNITUDE	3.8 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S03	GR-1	91	45	3	0	3						
S70S	UG-2	28	12	4	2	4						
S70S	BK-1	28	12	8	3	16						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S03	TOKYO BAY(KANNONZAKI)	GR-1	139 44 49	35 15 02	670300	SMAC-B2	N90W	140207
S70S	ARAKAWA EMBANKMENT	UG-2	139 50 43	35 39 08	******			******
S70S	ARAKAWA EMBANKMENT	BK-1	139 50 43	35 39 08	******			******

Table 4—8 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91008
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.03.02 08:06 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NE OFF IWATE PREF
	HYPOCENTER	
	EAST LONGITUDE	142 18.4'
	NORTH LATITUDE	40 16.9'
	FOCAL DEPTH	42 KM
	MAGNITUDE	5.1 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S102	GR-1	33	54	11	5	10						
S102	PI-1	33	54	17	7	13						
S102	G-1	30	54	18	15	35						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S102	SHIINO BRIDGE	GR-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	PI-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	G-1	141 54 30	39 54 25	841200	SM-10A		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91009
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.03.11 13:54 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN CHIBA PREF
	HYPOCENTER	
	EAST LONGITUDE	140 6.5'
	NORTH LATITUDE	35 43.9'
	FOCAL DEPTH	58 KM
	MAGNITUDE	3.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S705	UG-2	29	25	8	3	8						
S705	BK-1	29	25	3	2	3						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S705	ARAKAWA EMBANKMENT	UG-2	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT	BK-1	139 50 43	35 39 08	******			******

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91010
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.04.02 07:23 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NEMURO REGION
	HYPOCENTER	
	EAST LONGITUDE	145 26.1'
	NORTH LATITUDE	43 16.4'
	FOCAL DEPTH	66 KM
	MAGNITUDE	4.8 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
1315	GR-1	10	5	10	5	5						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
1315	ONNETTO BRIDGE	GR-1	145 29 30	43 15 50	751101	SMAC-Q		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91011
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.04.09 08:26 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	141 39.7'
	NORTH LATITUDE	37 19.6'
	FOCAL DEPTH	46 KM
	MAGNITUDE	4.5 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S104	GR-1	35	112	6	4	8						
S104	GR-2	35	112	3	1	3						
S104	PI-1	29	112	4	2	4						
S104	PI-2	33	112	4	2	3						
S104	FU-1	35	112	4	2	5						

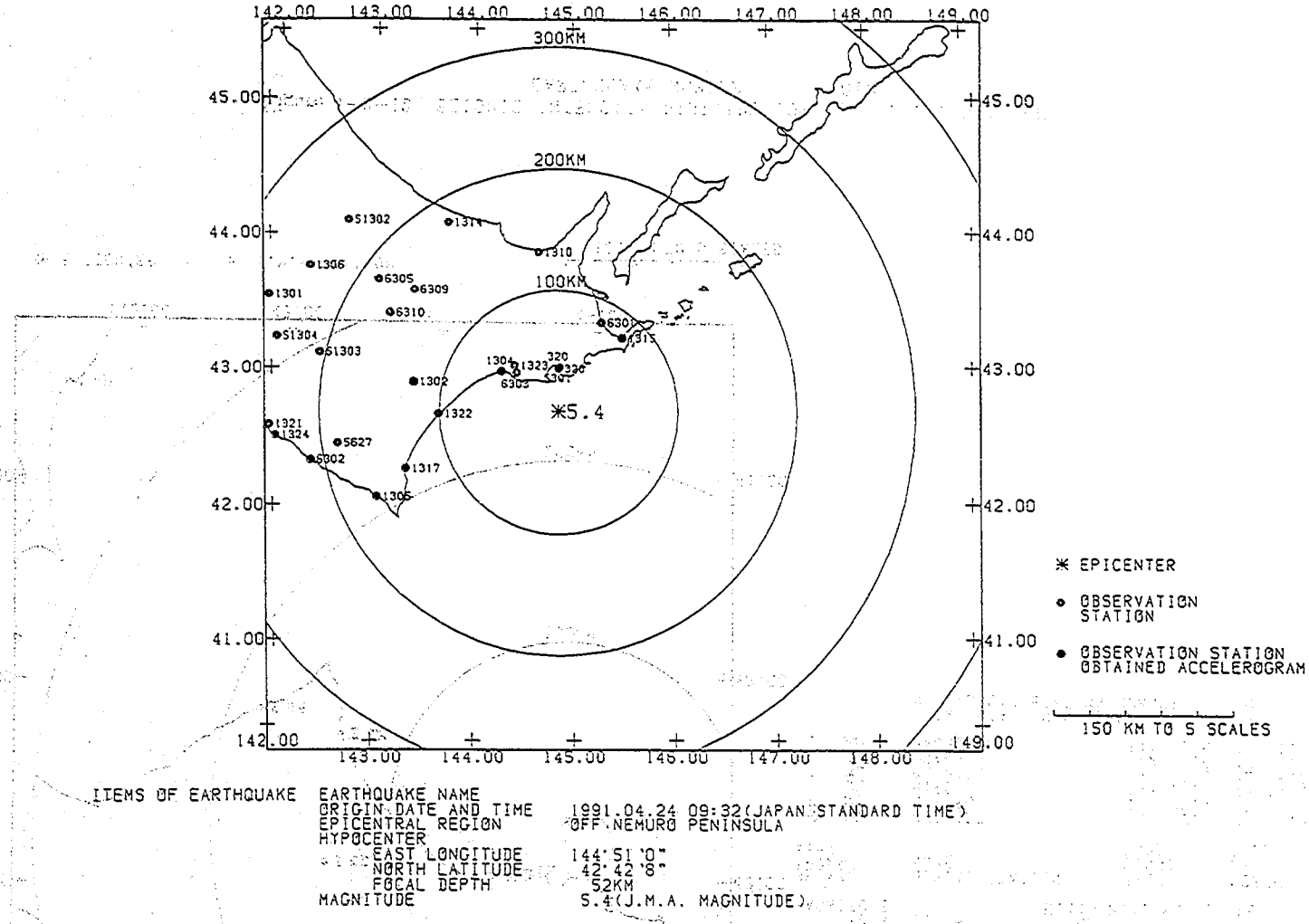
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI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

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91012
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.04.24 09:32 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	OFF NEMURO PENINSULA
	HYPOCENTER	
	EAST LONGITUDE	144 51.0'
	NORTH LATITUDE	42 42.8'
	FOCAL DEPTH	52 KM
	MAGNITUDE	5.4 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
1302	GR-1	25	121	8	2	11						
1304	GR-1	13	57	13	4	18						
1304	PI-1	14	57	14	3	11						
1315	GR-1	11	80	40	20	50	31.8	-12.7	-41.1	1893	1894	1895

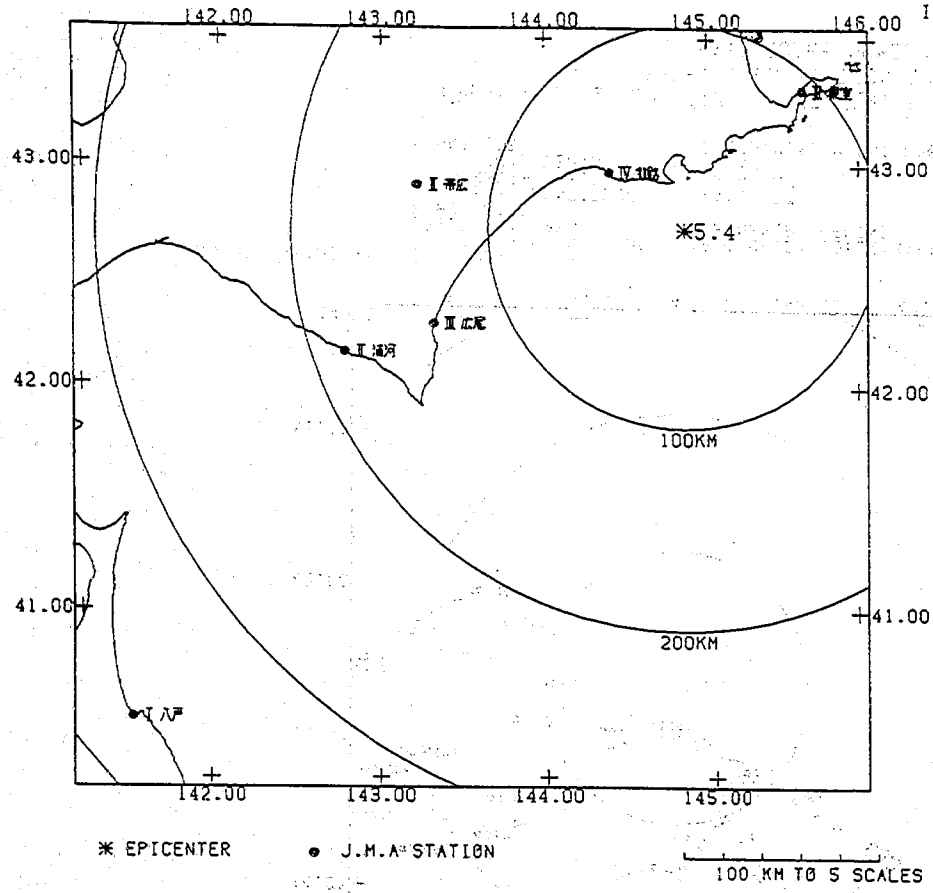
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
1302	CHIYODA BRIDGE	GR-1	143 23 21	42 55 11	661100	SMAC-B2	S36W	140182
1304	OTANOSHIKE BRIDGE	GR-1	144 16 16	43 00 30	671000	SMAC-B2		140229
1304	OTANOSHIKE BRIDGE	PI-1	144 16 16	43 00 30	671000	SMAC-B2		140230
1315	ORNETTO BRIDGE	GR-1	145 29 30	43 15 50	751101	SMAC-Q		000000



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.04.24 09:32(JAPAN STANDARD TIME)
EPICENTRAL REGION	OFF NEMURO PENINSULA
HYPOCENTER	
EAST LONGITUDE	144°51'0"
NORTH LATITUDE	42°42'8"
FOCAL DEPTH	52KM
MAGNITUDE	5.4(J.M.A. MAGNITUDE)

Figure 4—1—12 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM EARTHQUAKE NUMBER 91012



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1991.04.24 09:32(JAPAN STANDARD TIME)
EPICENTRAL REGION OFF NEMURO PENINSULA
HYPOCENTER
EAST LONGITUDE 144° 51.0'
NORTH LATITUDE 42° 42.8'
FOCAL DEPTH 52KM
MAGNITUDE 5.4(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
Ⅳ	KUSHIRO	144 23.5	42 58.5	47.3
Ⅱ	NEMURO	145 35.4	43 19.7	91.0
Ⅱ	HIROO	143 19.2	42 17.5	133.9
Ⅰ	OBIHIRO	143 13.0	42 55.2	135.2
Ⅰ	URAKAWA	142 46.9	42 9.5	180.6
Ⅰ	HACHINOHE	141 31.5	40 31.5	368.1

TOTAL STATION NUMBER : 6
NO DISPLAY STATION NUMBER : 0

Figure 4−2−12 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 91012

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91013
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.04.25 07:12 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	CENTRAL SHIZUOKA PREF
	HYPOCENTER	
	EAST LONGITUDE	138 12.3'
	NORTH LATITUDE	35 3.5'
	FOCAL DEPTH	32 KM
	MAGNITUDE	4.9 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S605	DA-1	28	64	7	5	9						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S605	KOSHIBU DAM	DA-1	137 58 54	35 36 13	820709	SH-10A		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91014
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.05.07 22:09 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	FAR E OFF NORTH HONSHU
	HYPOCENTER	
	EAST LONGITUDE	144 58.2'
	NORTH LATITUDE	39 22.3'
	FOCAL DEPTH	18 KM
	MAGNITUDE	6.0 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S104	GR-1	36	389	5	4	6						
S104	GR-2	36	389	2	2	2						
S104	PI-1	30	389	8	4	4						
S104	PI-2	34	389	4	2	3						
S104	FU-1	36	389	5	3	4						
S701	ES-1	25	382	8	2	5						
S701	ES-2	22	382	11	3	7						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-1	140 48 27	38 04 04	850200	SM-10A	N67W	550146
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
S701	ABUKUMA ESTUARY DAM	ES-1	140 52 38	38 05 34	830331	SM-10		000000
S701	ABUKUMA ESTUARY DAM	ES-2	140 52 38	38 05 34	830331	SM-10		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91015
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.05.11 04:57 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	CENTRAL AICHI PREF
	HYPOCENTER	
	EAST LONGITUDE	136 59.8'
	NORTH LATITUDE	35 11.9'
	FOCAL DEPTH	46 KM
	MAGNITUDE	3.9 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S605	DA-1	29	100	11	5	11						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S605	KOSHIBU DAM	DA-1	137 58 54	35 36 13	820709	SM-10A		000000

Table 4—16 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91016
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.05.18 10:02 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SE OFF BOSO PENINSULA
	HYPOCENTER	
	EAST LONGITUDE	139 55.2'
	NORTH LATITUDE	34 50.2'
	FOCAL DEPTH	97 KM
	MAGNITUDE	4.7 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S705	UG-2	30	91	2	2	3						
S705	BK-1	30	91	3	2	4						

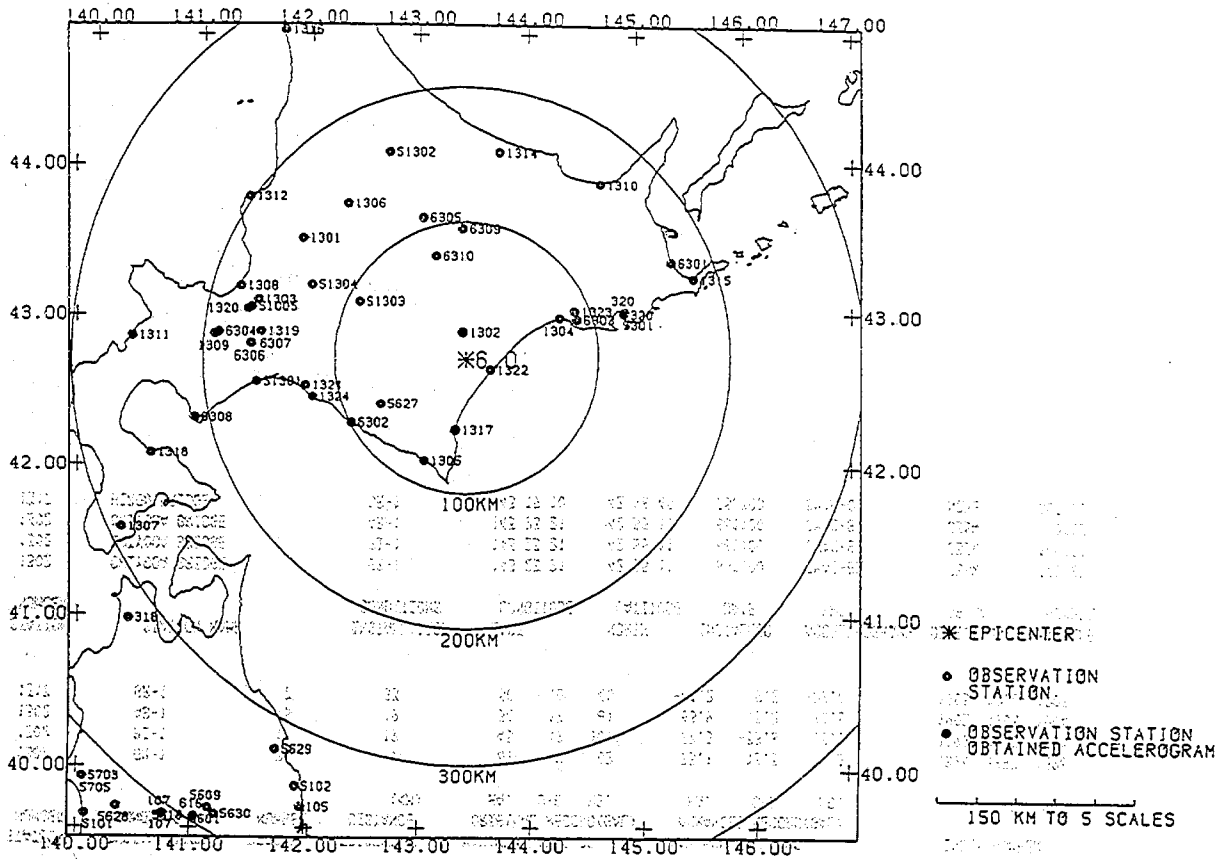
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S705	ARAKAWA EMBANKMENT	UG-2	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT	BK-1	139 50 43	35 39 08	******			******

Table 4—17 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE		
	EARTHQUAKE NUMBER	91017
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.06.13 05:11 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	TOKACHI REGION
	HYPOCENTER	
	EAST LONGITUDE	143 25.1'
	NORTH LATITUDE	42 44.9'
	FOCAL DEPTH	120 KM
	MAGNITUDE	6.0 (J.M.A.MAGNITUDE)

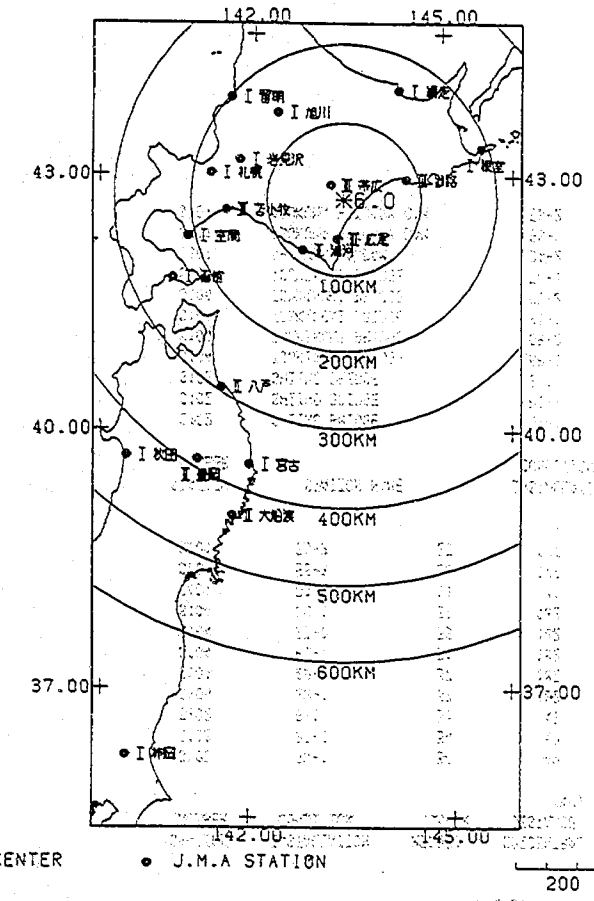
STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
1302	GR-1	26	19	61	9	62	73.1	13.3	77.6	1896	1897	1898
1302	PI-1	17	19	45	19	109	77.3	-33.8	153.0	1899	1900	1901
1302	AB-1	15	19	56	17	61	63.9	15.2	80.6	1902	1903	1904
1317	GR-1	7	53	50	10	40	-41.2	9.2	-27.6	1905	1906	1907

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
1302	CHIYODA BRIDGE	GR-1	143 23 21	42 55 11	661100	SMAC-B2	S36W	140182
1302	CHIYODA BRIDGE	PI-1	143 23 21	42 55 11	661100	SMAC-B2	S35W	140181
1302	CHIYODA BRIDGE	AB-1	143 23 21	42 55 11	661100	SMAC-B2	S35W	140183
1317	HIROO BRIDGE	GR-1	143 19 10	42 16 45	750300	SMAC-Q	N23E	000000



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1991.06.13 05:11(JAPAN STANDARD TIME)
EPICENTRAL REGION TOKACHI REGION
HYPOCENTER
EAST LONGITUDE 143°25'1
NORTH LATITUDE 42.44'9
FOCAL DEPTH 120KM
MAGNITUDE 6.0(J.M.A. MAGNITUDE)

Figure 4—1—17 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 91017



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1991.06.13 05:11(JAPAN STANDARD TIME)
EPICENTRAL REGION TOKACHI REGION
HYPOCENTER
EAST LONGITUDE 143° 25.1'
NORTH LATITUDE 42° 44.9'
FOCAL DEPTH 120KM
MAGNITUDE 6.0(J.M.A. MAGNITUDE)

SEIMIC INTEN SITY	J.M.A. STATION NAME	EAST LONGI TUDE	NORTH LATI TUDE	EPICENTRAL DISTANCE (KM)
II	OBIHIRO	143 13.0	42 55.2	25.2
	HIROO	143 19.2	42 17.5	51.4
	KUSHIRO	144 23.5	42 58.5	83.2
	TOMAKOMAI	141 35.1	42 37.4	150.5
I	URAKAWA	142 46.9	42 9.5	83.9
	HACHINOHE	141 31.5	40 31.5	293.0
	MORIOKA	141 10.6	39 41.7	387.7
	OFUNATO	141 43.1	39 3.7	434.0
	ASAHIKAWA	142 22.4	43 46.2	141.6
	IWAMIZAWA	141 47.0	43 13.0	142.8
	ABASHIRI	144 17.0	44 0.9	157.1
	SAPPORO	141 19.9	43 3.5	173.4
	NEMURO	145 35.4	43 19.7	187.8
	RUMOI	141 38.2	43 56.6	195.9
	MURORAN	140 56.9	42 18.6	205.5
	HAKODATE	140 45.3	41 48.9	242.4
	MITAKE	141 58.1	39 38.7	365.7
	AKITA	140 6.0	39 43.1	436.3
	KAKIOKA	140 11.6	36 13.9	775.3

TOTAL STATION NUMBER : 19
NO DISPLAY STATION NUMBER : 0

Figure 4-2-17 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 91017

Table 4—18 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	91018
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.06.15 10:21 (JAPAN STANDARD TIME)
EPICENTRAL REGION	SOUTHERN IWATE PREF
HYPOCENTER	
EAST LONGITUDE	141 54.0'
NORTH LATITUDE	39 28.1'
FOCAL DEPTH	61 KM
MAGNITUDE	5.4 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S102	GR-1	34	49	9	4	10						
S102	PI-1	34	49	38	8	22						
S102	G-1	31	49	38	20	38						
S104	GR-1	37	182	5	4	5						
S104	GR-2	37	182	3	2	2						
S104	PI-1	31	182	6	2	4						
S104	PI-2	35	182	4	2	3						
S104	FU-1	37	182	5	3	5						
S601	DA-2	11	71	8	11	44						
S701	ES-1	26	177	6	2	3						
S701	ES-2	23	177	11	3	4						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S102	SHIINO BRIDGE	GR-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	PI-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	G-1	141 54 30	39 54 25	841200	SM-10A		000000
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-1	140 48 27	38 04 04	850200	SM-10A	N67W	550146
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
S601	SHIJUSHIDA DAM	DA-2	141 09 07	39 44 58	811200	SM-10		000000
S701	ABUKUMA ESTUARY DAM	ES-1	140 52 38	38 05 34	830331	SM-10		000000
S701	ABUKUMA ESTUARY DAM	ES-2	140 52 38	38 05 34	830331	SM-10		000000

Table 4—19 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91019
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.06.25 12:49 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	140 58.3'
	NORTH LATITUDE	36 38.4'
	FOCAL DEPTH	49 KM
	MAGNITUDE	5.1 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S104	GR-1	38	159	12	6	11						
S104	GR-2	38	159	5	2	3						
S104	PI-1	32	159	8	4	6						
S104	PI-2	36	159	5	3	5						
S104	FU-1	38	159	5	4	5						
S701	ES-1	27	162	11	3	4						
S701	ES-2	24	162	12	3	5						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-1	140 48 27	38 04 04	850200	SM-10A	N67W	550146
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
S701	ABUKUMA ESTUARY DAM	ES-1	140 52 38	38 05 34	830331	SM-10		000000
S701	ABUKUMA ESTUARY DAM	ES-2	140 52 38	38 05 34	830331	SM-10		000000

Table 4—20 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	91020
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.06.28 20:11 (JAPAN STANDARD TIME)
EPICENTRAL REGION	TOKYO BAY REGION
HYPOCENTER	
EAST LONGITUDE	139 51.5'
NORTH LATITUDE	35 29.4'
FOCAL DEPTH	68 KM
MAGNITUDE	4.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S501	[illegible]		[illegible]	[illegible]			[illegible]					
S501	GR-1 [illegible]	153	21	3	1	2	[illegible]					
S503	GR-1 [illegible]	92	28	3	0	3	[illegible]					
S705	UG-2 [illegible]	31	18	2	2	3	[illegible]					
S705	BK-1 [illegible]	31	18	5	3	5	[illegible]					
[illegible]	[illegible]		[illegible]	[illegible]			[illegible]					
[illegible]	[illegible]		[illegible]	[illegible]			[illegible]					

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S01	TOKYO BAY(FUTTU CAPE)	GR-1	139 48 21	35 18 28	651000	SMAC-B2	N00S	038558
S03	TOKYO BAY(KANNONZAKI)	GR-1	139 44 49	35 15 02	670300	SMAC-B2	N90W	140207
S705	ARAKAWA EMBANKMENT [illegible]	UG-2	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT [illegible]	BK-1	139 50 43	35 39 08	******			******
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				

[illegible]

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

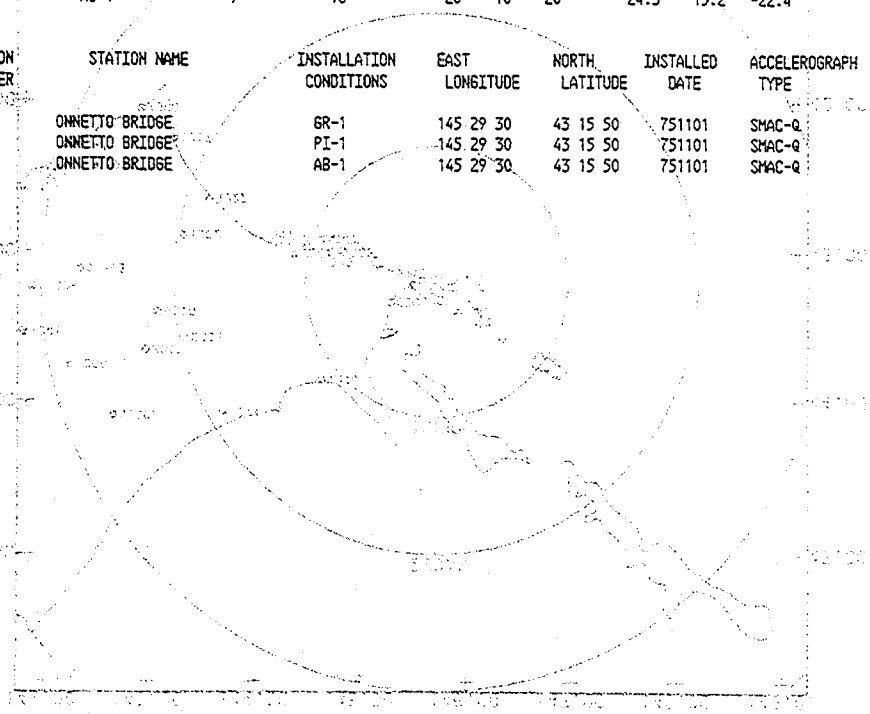
[illegible]

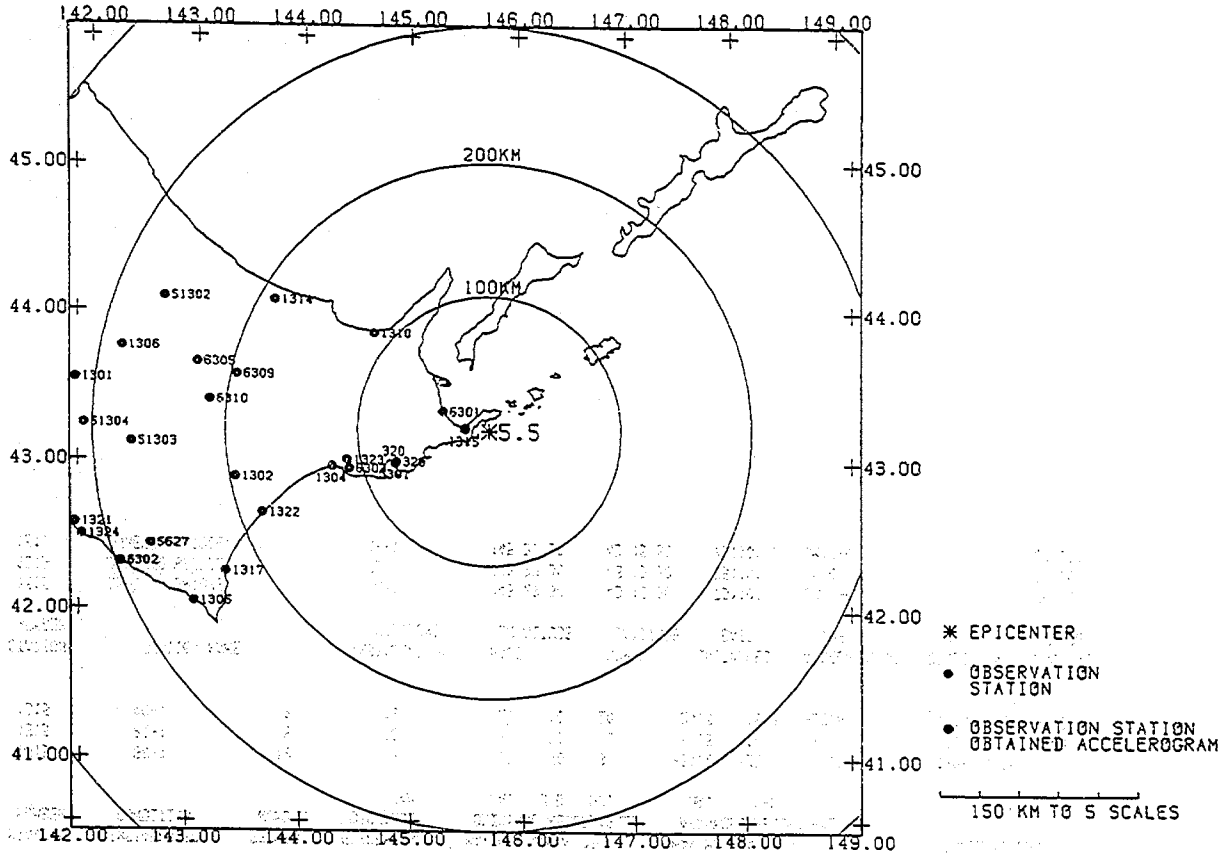
Table 4—21 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91021
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.07.10 14:52 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	OFF NEMURO PENINSULA
	HYPOCENTER	
	EAST LONGITUDE	145 42.5'
	NORTH LATITUDE	43 14.8'
	FOCAL DEPTH	92 KM
	MAGNITUDE	5.5 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
1315	GR-1	12	18	70	50	80	-51.2	-32.8	75.5	1908	1909	1910
1315	PI-1	8	18	60	20	0	64.5	14.5	****	1911	1912	****
1315	AB-1	9	18	20	10	20	24.3	15.2	-22.4	1913	1914	1915

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
1315	ONNETTO BRIDGE	GR-1	145 29 30	43 15 50	751101	SMAC-Q		000000
1315	ONNETTO BRIDGE	PI-1	145 29 30	43 15 50	751101	SMAC-Q		000000
1315	ONNETTO BRIDGE	AB-1	145 29 30	43 15 50	751101	SMAC-Q		000000

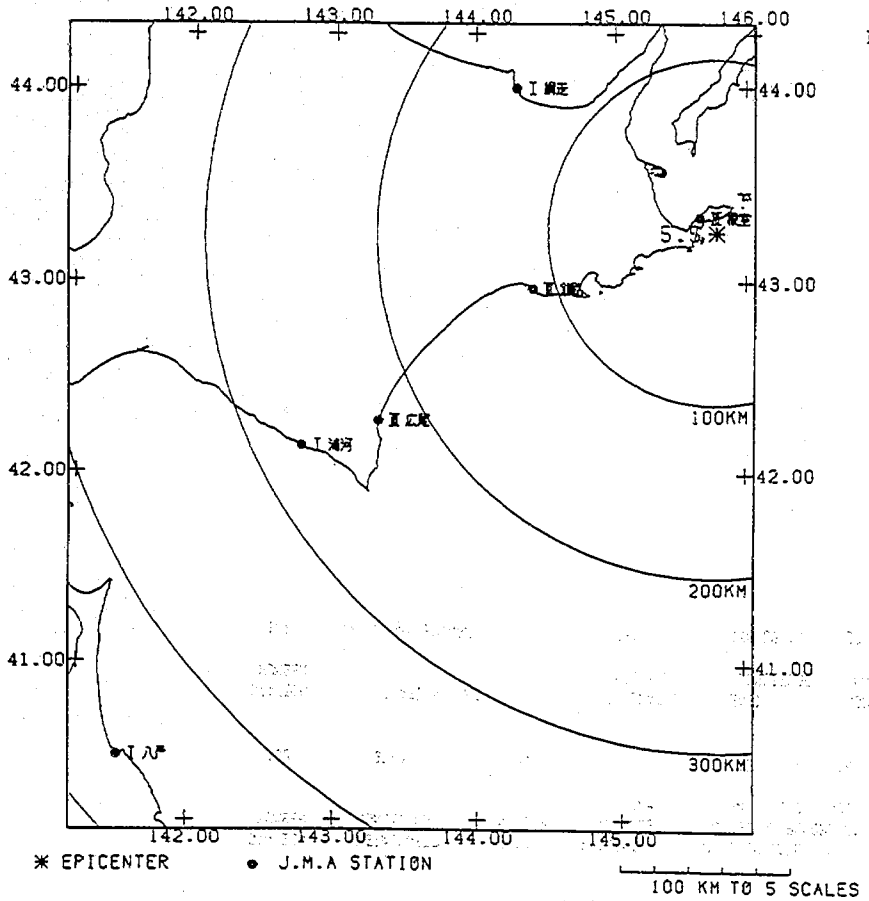




ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.07.10.14:52(JAPAN STANDARD TIME)
EPICENTRAL REGION	OFF NEMURO PENINSULA
HYPOCENTER	
EAST LONGITUDE	145°42'5"
NORTH LATITUDE	43°14'8"
FOCAL DEPTH	92KM
MAGNITUDE	5.5(J.M.A. MAGNITUDE)

Figure 4—1—21 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM EARTHQUAKE NUMBER 91021



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1991.07.10 14:52(JAPAN STANDARD TIME)
EPICENTRAL REGION OFF NEMURO PENINSULA
HYPOCENTER
EAST LONGITUDE 145° 42.5'
NORTH LATITUDE 43° 14.8'
FOCAL DEPTH 92KM
MAGNITUDE 5.5(J.M.A. MAGNITUDE)

SEIMIC INTEN SITY	J.M.A. STATION NAME	EAST LONGI TUDE	NORTH LATI TUDE	EPICENTRAL DISTANCE (KM)
Ⅱ	NEMURO	145 35.4	43 19.7	13.2
	KUSHIRO	144 23.5	42 58.5	111.1
	HIROO	143 19.2	42 17.5	221.9
Ⅰ	ABASHIRI	144 17.0	44 0.9	143.0
	URAKAWA	142 46.9	42 9.5	268.0
	HACHINOHE	141 31.5	40 31.5	459.7

TOTAL STATION NUMBER : 6
NO DISPLAY STATION NUMBER : 0

Figure 4—2—21 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 91021

Table 4—22 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	91022
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.07.12 19:03 (JAPAN STANDARD TIME)
EPICENTRAL REGION	MID NIIGATA PREF
HYPOCENTER	
EAST LONGITUDE	138 36.8'
NORTH LATITUDE	37 14.7'
FOCAL DEPTH	14 KM
MAGNITUDE	4.2 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
102	GR-1	24	16	13	4	16						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
102	YONEYAMA BRIDGE	GR-1	138 29 14	37 20 31	660300	SMAC-B2	E55S	038560

Table 4—23 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91023
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.07.14 23:19 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NW GUNMA PREF
	HYPOCENTER	
	EAST LONGITUDE	138 30.5'
	NORTH LATITUDE	36 25.0'
	FOCAL DEPTH	188 KM
	MAGNITUDE	5.4 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S705	UG-2	32	147	3	2	5						
S705	BK-1	32	147	12	4	9						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S705	ARAKAWA EMBANKMENT	UG-2	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT	BK-1	139 50 43	35 39 08	******			******

Table 4—24 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91024
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.08.22 19:29 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NW WAKAYAMA PREF
	HYPOCENTER	
	EAST LONGITUDE	135 11.2'
	NORTH LATITUDE	34 12.2'
	FOCAL DEPTH	6 KM
	MAGNITUDE	3.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
112	GR-1	54	2	21	17	73						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
112	KINOKAWA BRIDGE	GR-1	135 09 59	34 12 55	670315	SMAC-B2	N50E	140209

Table 4—25 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91025
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.08.27 23:59 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	WESTERN TOTTORI PREF
	HYPOCENTER	
	EAST LONGITUDE	133 19.9'
	NORTH LATITUDE	35 17.1'
	FOCAL DEPTH	13 KM
	MAGNITUDE	4.4 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S615	GR-1	10	9	10	9	-7						
S615	DA-1	10	9	4	3	3						
S615	DA-2	9	9	14	17	46						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S615	SUGESAWA DAM	GR-1	133 19 01	35 12 06	******			******
S615	SUGESAWA DAM	DA-1	133 19 01	35 12 06	******			******
S615	SUGESAWA DAM	DA-2	133 19 01	35 12 06	******			******

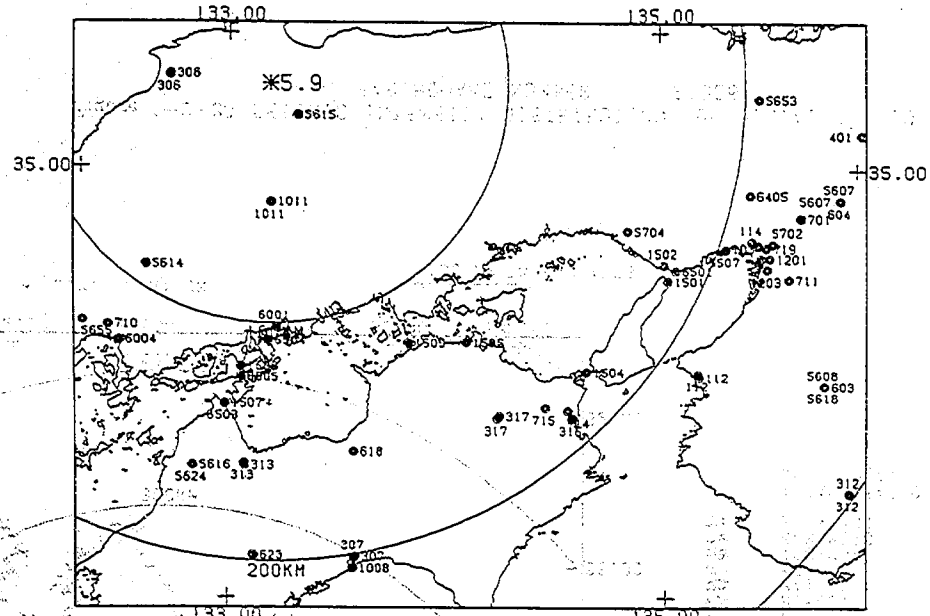
Table 4—26 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	91026
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.08.28 10:29 (JAPAN STANDARD TIME)
EPICENTRAL REGION	WESTERN TOTTORI PREF
HYPOCENTER	
EAST LONGITUDE	133 11.4'
NORTH LATITUDE	35 19.2'
FOCAL DEPTH	13 KM
MAGNITUDE	5.9 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
306	GR-1	15	42	52	11	36	-101.0	-17.8	-64.8	1916	1917	1918
306	PI-1	38	42	49	20	58	60.0	21.6	-80.8	1919	1920	1921
623	GR-2	1	198	0	0	0						
623	DA-3	1	198	0	0	0						
701	GR-1	21	231	2	1	2						
S614	DA-1	1	91	6	3	5						
S614	DA-2	1	91	30	5	27						
S615	GR-1	11	17	64	54	98	-58.7	-34.8	87.2	1922	1923	1924
S615	DA-1	11	17	28	26	48	-22.4	-23.9	34.2	1925	1926	1927
S615	DA-2	10	17	82	113	256	-42.1	56.1	-125.8	1928	1929	1930

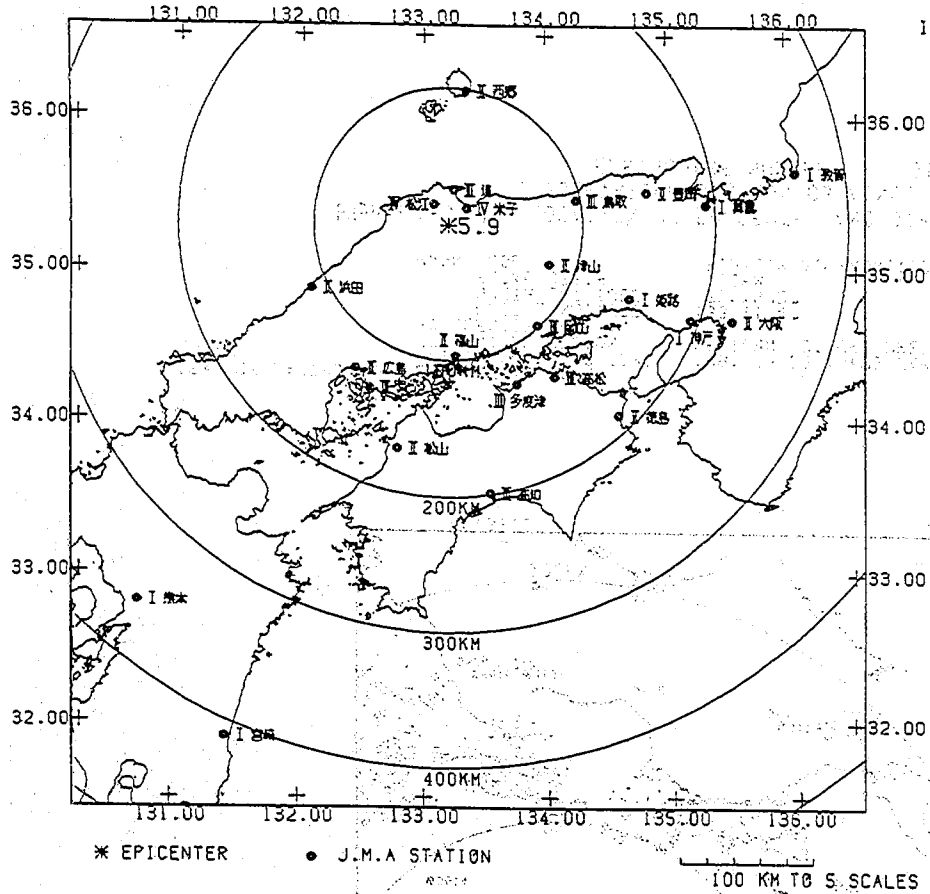
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
306	MYOUKEN BRIDGE	GR-1	132 43 41	35 21 02	670300	SMAC-B2	N05E	070094
306	MYOUKEN BRIDGE	PI-1	132 43 37	35 20 49	670300	SMAC-B2	N15W	070147
623	YODOGAWA EMBANKMENT	GR-1	135 38 50	34 48 52	661000	SMAC-B2	N45E	003859
623	HAZI DAM	DA-1	132 37 24	34 38 26	******			******
701	SUGESAWA DAM	GR-1	133 19 01	35 12 06	******			******
S614	SUGESAWA DAM	DA-1	133 19 01	35 12 06	******			******
S614	SUGESAWA DAM	DA-2	133 19 01	35 12 06	******			******



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.08.28 10:29(JAPAN STANDARD TIME)
EPICENTRAL REGION	WESTERN TOTTORI PREF
HYPOCENTER	
EAST LONGITUDE	133° 11'4"
NORTH LATITUDE	35° 19'2"
FOCAL DEPTH	13KM
MAGNITUDE	5.9(J.M.A. MAGNITUDE)

Figure 4-1-26 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM EARTHQUAKE NUMBER 91026



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1991.08.28 10:29(JAPAN STANDARD TIME)
EPICENTRAL REGION WESTERN TOTTORI PREF
HYPOCENTER
EAST LONGITUDE 133° 11.4'
NORTH LATITUDE 35° 19.2'
FOCAL DEPTH 13KM
MAGNITUDE 5.9(J.M.A. MAGNITUDE)

SEIMIC INTEN SITY	J.M.A. STATION NAME	EAST LONGI TUDE	NORTH LATI TUDE	EPICENTRAL DISTANCE (KM)
Ⅳ	MATSUE	133 4.3	35 27.3	18.4
Ⅲ	TONAGO	133 20.5	35 25.9	18.5
	SAKAI	133 14.0	35 33.0	25.9
	TOTTORI	134 14.4	35 29.1	96.9
	OKAYAMA	133 55.1	34 39.5	99.0
	TADOTSU	133 45.0	34 16.0	127.8
	KURE	132 33.0	34 14.0	134.2
	TAKAMATSU	134 3.4	34 18.9	136.9
	KOCHI	133 32.2	33 33.2	198.9
Ⅱ	TSUYAMA	134 1.0	35 4.0	80.2
	FUKUYAMA	133 15.0	34 27.0	96.9
	SAIGO	133 20.2	36 12.1	98.9
	HAMADA	132 4.4	34 53.6	112.1
	HIROSHIMA	132 26.2	34 21.8	126.6
	TOTOOKA	134 49.5	35 32.0	150.0
	MATSUYAMA	132 46.8	33 50.4	168.8
	TOKUSHIMA	134 34.6	34 3.9	188.5
	OSAKA	135 31.3	34 40.7	224.0
Ⅰ	HIMEJI	134 40.4	34 50.2	145.2
	MAIZURU	135 19.2	35 26.9	193.6
	KOBE	135 10.8	34 41.3	194.3
	TSURUGA	136 3.9	35 39.0	262.8
	KUMAMOTO	130 42.6	32 48.6	360.5
	MIYAZAKI	131 25.4	31 55.2	411.8

TOTAL STATION NUMBER : 24
NO DISPLAY STATION NUMBER : 0

Figure 4—2—26 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 91026

Table 4—27 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91027
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.08.31 15:34 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	CENTRAL YAMANASHI PREF
	HYPOCENTER	
	EAST LONGITUDE	138 44.8'
	NORTH LATITUDE	35 49.8'
	FOCAL DEPTH	10 KM
	MAGNITUDE	3.7 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S609	GR-1	6	19	4	2	3						
S609	DA-1	6	19	2	2	2						
S609	DA-2	6	19	12	13	17						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S609	FUTASE DAM	GR-1	138 54 49	35 56 19	******			******
S609	FUTASE DAM	DA-1	138 54 49	35 56 19	******			******
S609	FUTASE DAM	DA-2	138 54 49	35 56 19	******			******

Table 4—28 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	91028
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.09.03 17:44 (JAPAN STANDARD TIME)
EPICENTRAL REGION	NEAR MIYAKEJIMA ISLAND
HYPOCENTER	
EAST LONGITUDE	138 49.9'
NORTH LATITUDE	33 41.0'
FOCAL DEPTH	33 KM
MAGNITUDE	6.3 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
311	PI-1	19	217	34	3	8						
319	GR-1	29	228	0	0	0						
319	PI-1	30	227	8	0	3						
S605	DA-1	28	227	4	2	9						
S702	ES-1	4	326	6	2	4						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
311	TOYOHAMA BRIDGE	PI-1	136 41 47	34 30 23	660900	SMAC-B2	S15E	070146
319	SHITOKU BRIDGE	GR-1	137 59 21	35 36 31	661200	SMAC-B2	S30E	240129
319	SHITOKU-BRIDGE	PI-1	137 59 24	35 36 30	661200	SMAC-B2	S30E	030040
S605	KOSHIBU DAM	DA-1	137 58 54	35 36 13	820709	SM-10A		000000
S702	YODOGAWA ESTUARY DAM	ES-1	135 31 00	34 43 10	830400	SM-10A		000000

Table 4—29 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91029
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.09.17 12:06 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	HYUGANADA REGION
	HYPOCENTER	
	EAST LONGITUDE	131 37.4'
	NORTH LATITUDE	31 48.5'
	FOCAL DEPTH	26 KM
	MAGNITUDE	4.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S709	GR-1	2	19	8	9	4						
S709	UG-1	2	19	4	2	4						
S709	BK-1	2	19	8	5	9						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S709	OOYODOGAWA EMB.	GR-1	131 27 12	31 53 42	******			******
S709	OOYODOGAWA EMB.	UG-1	131 27 12	31 53 42	******			******
S709	OOYODOGAWA EMB.	BK-1	131 27 12	31 53 42	******			******

Table 4—30 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91030
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.09.29 13:13 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN CHIBA PREF
	HYPOCENTER	
	EAST LONGITUDE	140 6.2'
	NORTH LATITUDE	35 45.0'
	FOCAL DEPTH	79 KM
	MAGNITUDE	4.9 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S03	GR-1	93	64	3	1	3						
S705	UG-1	12	26	4	3	3						
S705	UG-2	33	26	15	6	9						
S705	BK-1	33	26	5	3	6						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S03	TOKYO BAY(KANNONZAKI)	GR-1	139 44 49	35 15 02	670300	SMAC-B2	N90W	140207
S705	ARAKAWA EMBANKMENT	UG-1	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT	UG-2	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT	BK-1	139 50 43	35 39 08	******			******

Table 4—31 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91031
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.10.05 17:56 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	WESTERN NAGANO PREF
	HYPOCENTER	
	EAST LONGITUDE	137 29.8'
	NORTH LATITUDE	35 48.4'
	FOCAL DEPTH	9 KM
	MAGNITUDE	4.1 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S605	DA-1	29	49	4	3	5						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S605	KOSHIBU DAM	DA-1	137 58 54	35 36 13	820709	SM-10A		000000

Table 4—32 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91032
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.10.10 05:02 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN IWATE PREF
	HYPOCENTER	
	EAST LONGITUDE	141 50.4'
	NORTH LATITUDE	39 45.6'
	FOCAL DEPTH	59 KM
	MAGNITUDE	4.0 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S102	GR-1	30	17	6	3	7						
S102	PI-1	30	17	16	6	15						
S102	G-1	27	17	16	15	30						

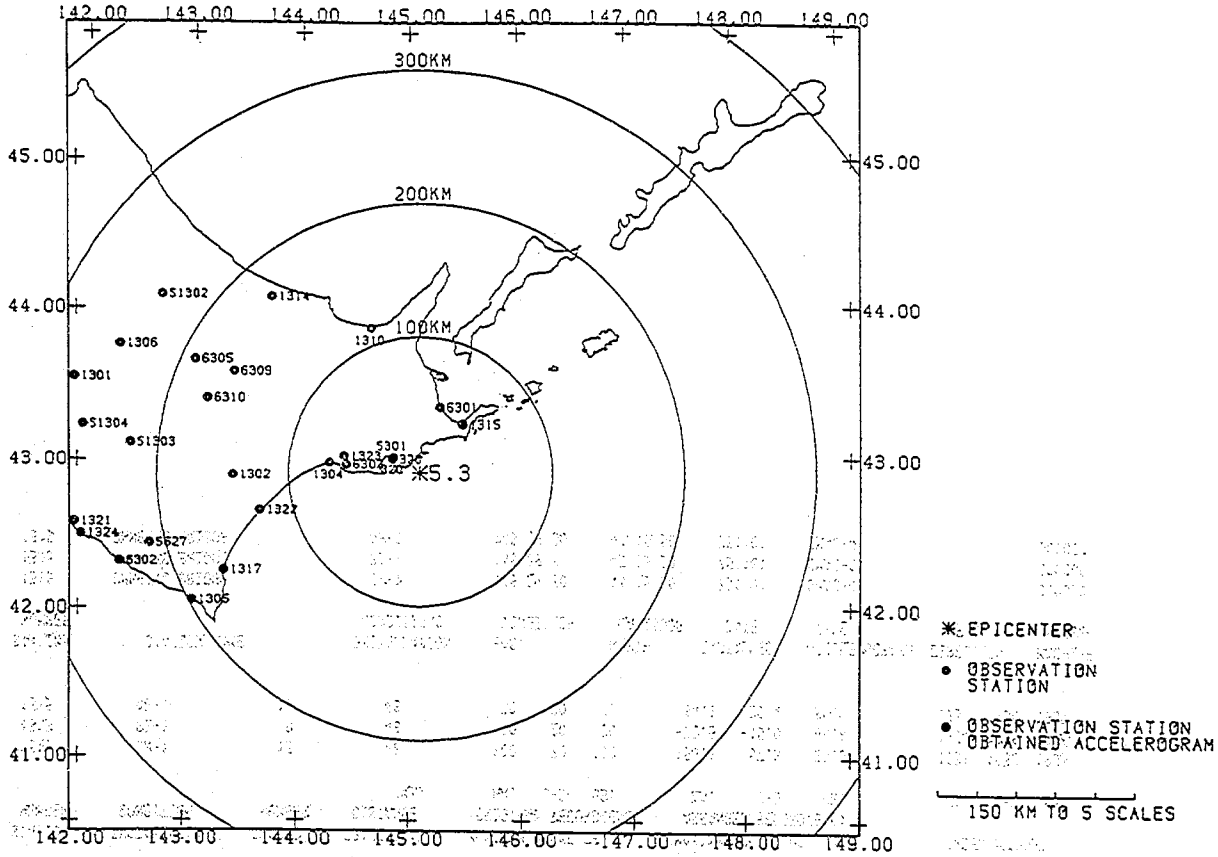
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S102	SHIINO BRIDGE	GR-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	PI-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	G-1	141 54 30	39 54 25	841200	SM-10A		000000

Table 4—33 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91033
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.10.18 01:57 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	OFF NEMURO PENINSULA
	HYPOCENTER	
	EAST LONGITUDE	145 6.0'
	NORTH LATITUDE	42 56.3'
	FOCAL DEPTH	60 KM
	MAGNITUDE	5.3 (J.M.A.MAGNITUDE)

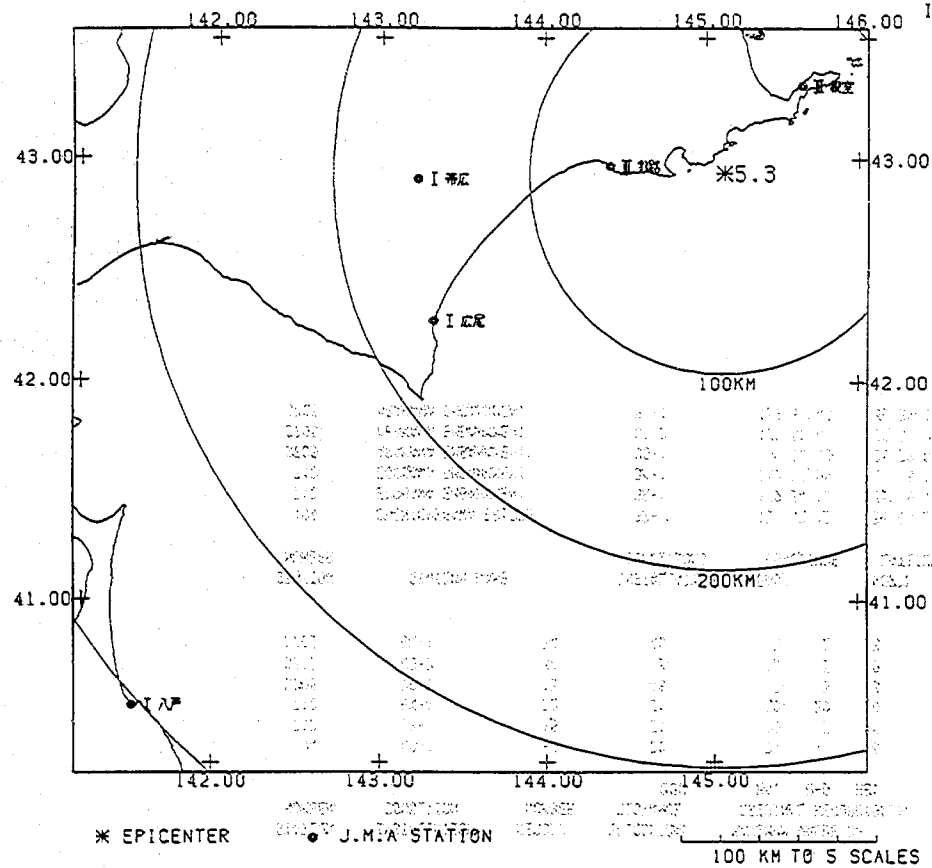
STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
1315	GR-1	13	48	100	70	100	156.1	57.8	125.0	1931	1932	1933
1315	PI-1	9	48	100	20	100	-72.5	-15.0	66.8	1934	1935	1936
1315	AB-1	10	48	70	20	70	64.1	20.4	39.9	1937	1938	1939

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
1315	ONNETTO BRIDGE	GR-1	145 29 30	43 15 50	751101	SMAC-Q		000000
1315	ONNETTO BRIDGE	PI-1	145 29 30	43 15 50	751101	SMAC-Q		000000
1315	ONNETTO BRIDGE	AB-1	145 29 30	43 15 50	751101	SMAC-Q		000000



ITEMS OF EARTHQUAKE EARTHQUAKE NAME
ORIGIN DATE AND TIME 1991.10.18 01:57(JAPAN STANDARD TIME)
EPICENTRAL REGION OFF NEMURO PENINSULA
HYPOCENTER
EAST LONGITUDE 145° 6'0"
NORTH LATITUDE 42°56'3"
FOCAL DEPTH 60KM
MAGNITUDE 5.3(J.M.A. MAGNITUDE)

Figure 4—1—33 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM EARTHQUAKE NUMBER 91033



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.10.18 01:57(JAPAN STANDARD TIME)
EPICENTRAL REGION	OFF NEMURO PENINSULA
HYPOCENTER	
EAST LONGITUDE	145° 6'0"
NORTH LATITUDE	42°56'3"
FOCAL DEPTH	60KM
MAGNITUDE	5.3(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
II	KUSHIRO	144 23.5	42 58.5	57.8
	NEMURO	145 35.4	43 19.7	58.8
I	OBIHIRO	143 13.0	42 55.2	153.3
	HIROO	143 19.2	42 17.5	162.4
	HACHINOHE	141 31.5	40 31.5	399.9

TOTAL STATION NUMBER : 5
NO DISPLAY STATION NUMBER : 0

Figure 4—2—33 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 91033

Table 4—34 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91034
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.10.19 08:31 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SW IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	139 55.2'
	NORTH LATITUDE	36 5.0'
	FOCAL DEPTH	59 KM
	MAGNITUDE	4.3 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
104	GR-1	66	20	24	11	16						
712	GR-1	15	31	15	5	15						
712	BK-1	22	31	20	20	20						
S705	UG-1	13	48	3	3	3						
S705	UG-2	34	48	13	5	9						
S705	BK-1	34	48	3	2	3						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
104	SHINTONEGAWA BRIDGE	GR-1	139 42 12	36 08 26	670220	SMAC-B2	S60E	140205
712	EDOGAWA EMBANKMENT	GR-1	139 54 15	35 48 15	790400	SMAC-Q	S00E	000000
712	EDOGAWA EMBANKMENT	BK-1	139 53 55	35 48 15	800800	SMAC-Q	N45E	000000
S705	ARAKAWA EMBANKMENT	UG-1	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT	UG-2	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT	BK-1	139 50 43	35 39 08	******			******

Table 4—35 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91035
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.10.24 03:22 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	142 8.7'
	NORTH LATITUDE	37 8.2'
	FOCAL DEPTH	15 KM
	MAGNITUDE	4.7 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF GRIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S104	GR-1	35	157	4	2	5						
S104	GR-2	35	157	8	4	5						
S104	PI-1	29	157	9	3	3						
S104	PI-2	33	157	3	0	3						
S104	FU-1	35	157	3	3	3						

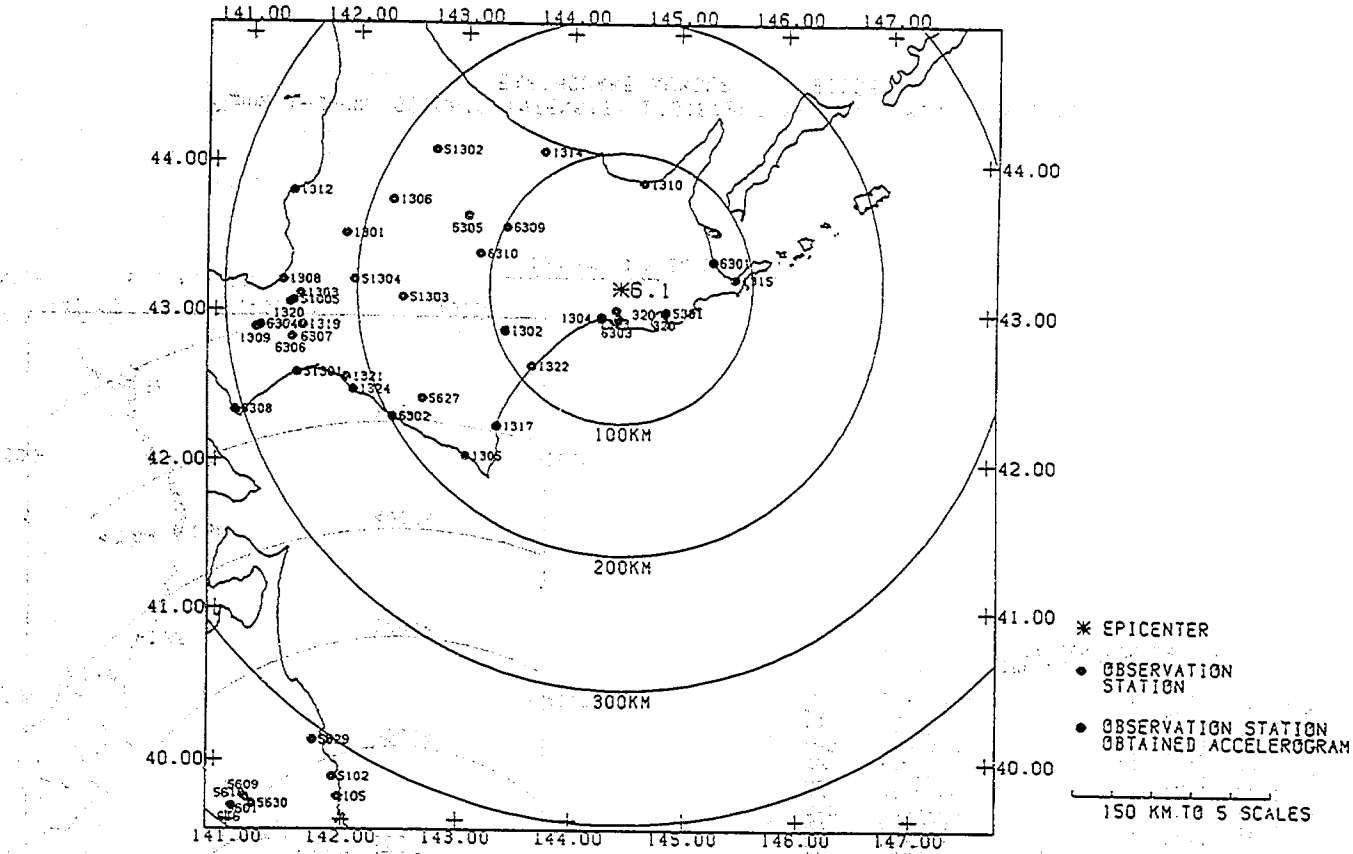
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI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

Table 4—36 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91036
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.10.25 19:39 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	KUSHIRO REGION
	HYPOCENTER	
	EAST LONGITUDE	144 26.6'
	NORTH LATITUDE	43 12.2'
	FOCAL DEPTH	105 KM
	MAGNITUDE	6.1 (J.M.A.MAGNITUDE)

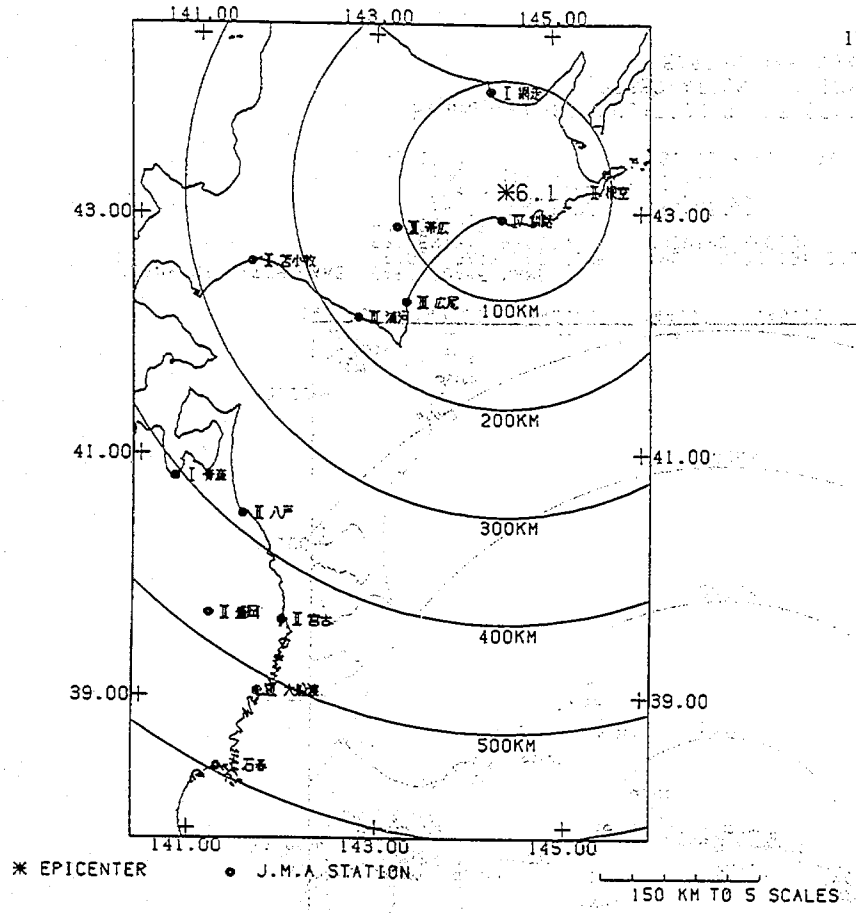
STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
1302	6R-1	27	91	6	3	11						
1304	6R-1	13	26	26	11	24						
1317	6R-1	8	138	40	5	40	17.7	10.1	20.0	1940	1941	1942

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
1302	CHIYODA BRIDGE	6R-1	143 23 21	42 55 11	661100	SMAC-B2	S36W	140182
1304	OTANOSHIKE BRIDGE	6R-1	144 16 16	43 00 30	671000	SMAC-B2		140229
1317	HIROO BRIDGE	6R-1	143 19 10	42 16 45	750300	SMAC-Q	N23E	000000



ITEMS OF EARTHQUAKE		
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.10.25 19:39(JAPAN STANDARD TIME)
	EPICENTRAL REGION	KUSHIRO REGION
	HYPOCENTER	
	EAST LONGITUDE	144°26'6"
	NORTH LATITUDE	43°12'2"
	FOCAL DEPTH	105KM
	MAGNITUDE	6.1(J.M.A. MAGNITUDE)

Figure 4—1—36 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM EARTHQUAKE NUMBER 91036



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1991.10.25 19:39(JAPAN STANDARD TIME)
EPICENTRAL REGION KUSHIRO REGION
HYPOCENTER
EAST LONGITUDE 144°26.6"
NORTH LATITUDE 43°12.2"
FOCAL DEPTH 105KM
MAGNITUDE 6.1(J.M.A. MAGNITUDE)

SEIMIC INTENSITY		J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
IV	釧路	KUSHIRO	144 23.5	42 58.5	25.7
III	帯広	OBIHIRO	143 13.0	42 55.2	104.5
	広尾	HIROO	143 19.2	42 17.5	136.7
	浦河	URAKAWA	142 46.9	42 9.5	178.7
II	根室	NEMURO	145 35.4	43 19.7	93.8
	苫小牧	TOMAKOMAI	141 35.1	42 37.4	241.5
	八戸	HACHINOHE	141 31.5	40 31.5	383.4
	宮古	MIYAKO	141 58.1	39 38.7	446.1
	盛岡	MORIOKA	141 10.6	39 41.7	475.5
	大船渡	OFUNATO	141 43.1	39 3.7	513.8
I	網走	ABASHIRI	144 17.0	44 0.9	91.1
	青森	AOMORI	140 46.9	40 49.2	402.0
	石巻	ISHINOMAKI	141 18.2	38 25.5	593.1

TOTAL STATION NUMBER : 13
NO DISPLAY STATION NUMBER : 0

Figure 4—2—36 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 91036

Table 4—37 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91037
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.10.27 04:59 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	CENTRAL WAKAYAMA PREF
	HYPOCENTER	
	EAST LONGITUDE	135 19.6'
	NORTH LATITUDE	33 49.8'
	FOCAL DEPTH	61 KM
	MAGNITUDE	4.3 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S618	GR-1	1	54	5	4	5						
S618	DA-1	1	54	6	5	6						
S618	DA-2	1	54	28	20	70						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S618	SARUTANI DAM	GR-1	135 44 39	34 10 34	******	SM-10A		******
S618	SARUTANI DAM	DA-1	135 44 39	34 10 34	******	SM-10B		******
S618	SARUTANI DAM	DA-2	135 44 39	34 10 34	******	SM-10B		******

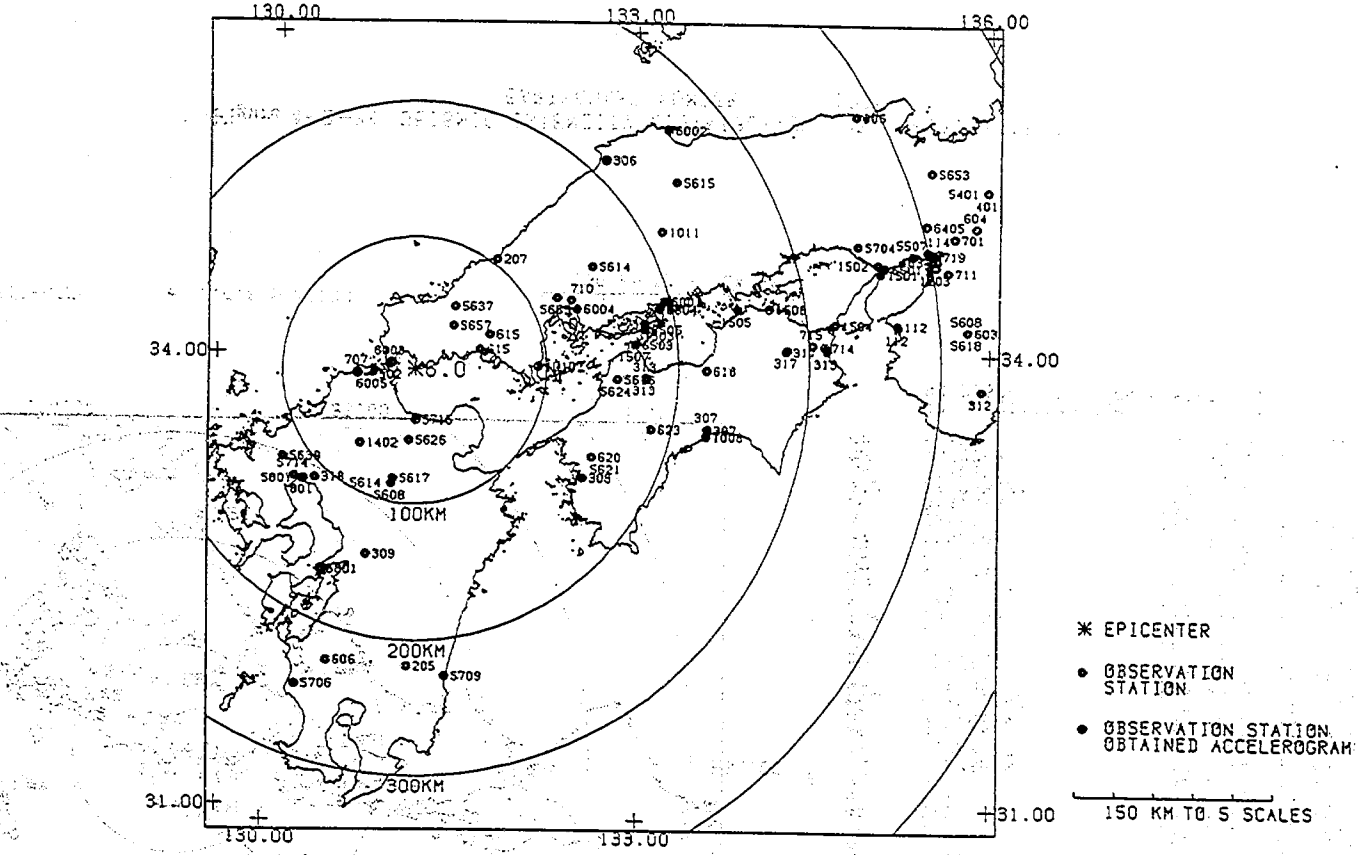
Table 4—38 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	91038
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.10.28 10:09 (JAPAN STANDARD TIME)
EPICENTRAL REGION	SUONADA SETONAIKAI
HYPOCENTER	
EAST LONGITUDE	131 10.0'
NORTH LATITUDE	33 55.2'
FOCAL DEPTH	19 KM
MAGNITUDE	6.0 (J.M.A.MAGNITUDE)

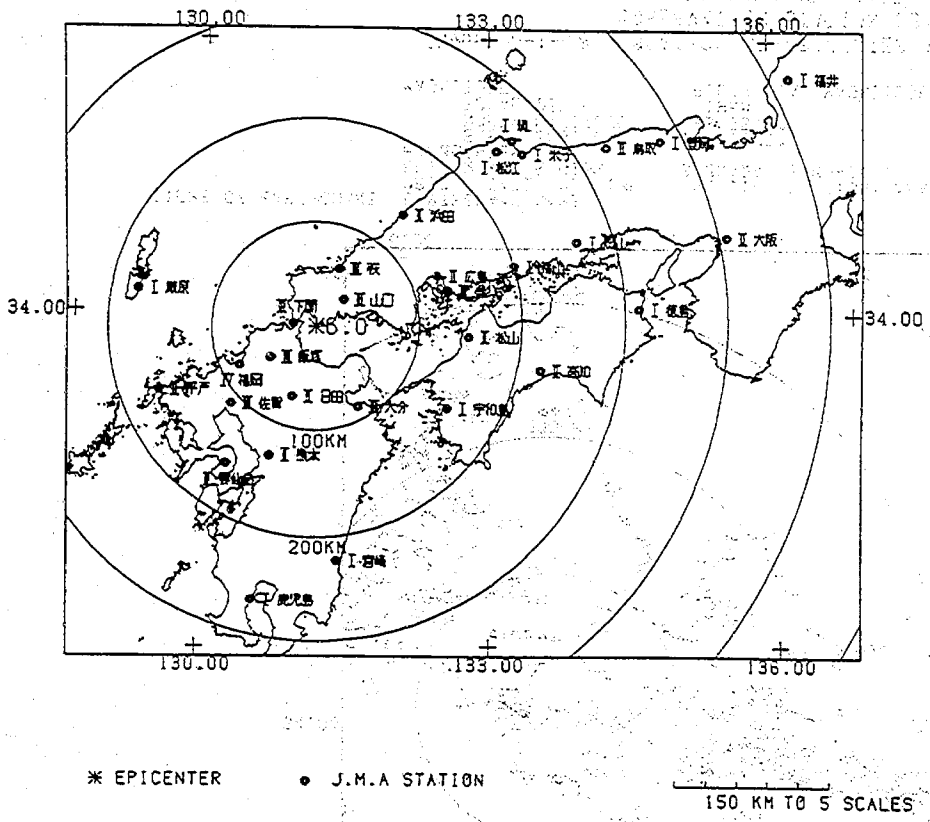
STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
306	GR-1	16	214	5	3	4						
306	PI-1	39	213	3	1	7						
502	GR-M	9	19	28	16	41	48.7	-35.7	38.0	1943	1944	1945
502	GR-S	7	20	42	28	61	97.5	58.5	-120.4	1946	1947	1948
707	GR-1	1	44	40	30	50	-44.1	30.3	-67.2	1949	1950	1951
707	ES-1	1	44	40	10	100	40.9	-19.6	119.0	1952	1953	1954
707	ES-2	1	44	40	10	50	-38.5	16.7	54.4	1955	1956	1957
S715	GR-1	1	38	140	65	90	-95.0	57.7	-70.3	1958	1959	1960
S715	ES-1	1	38	100	40	65	96.3	-38.2	-65.1	1961	1962	1963

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
306	MYOUKEN BRIDGE	GR-1	132 43 41	35 21 02	670300	SMAC-B2	N05E	070094
306	MYOUKEN BRIDGE	PI-1	132 43 37	35 20 49	670300	SMAC-B2	N15W	070147
502	KANMON BRIDGE	GR-M	130 58 03	33 57 45	651000	SMAC-B2	N90W	038564
502	KANMON BRIDGE	GR-S	130 57 30	33 57 25	651000	SMAC-B2	N90W	038563
707	ONGAGAWA ESTUARY DAM	GR-1	130 41 15	33 53 23	803300	SMAC-Q	N90W	000000
707	ONGAGAWA ESTUARY DAM	ES-1	130 41 15	33 53 23	803300	SMAC-Q	N90W	000000
707	ONGAGAWA ESTUARY DAM	ES-2	130 41 15	33 53 23	803300	SMAC-Q	N90W	000000
S715	NAKATSU ESTUARY DAM	GR-1	131 10 35	33 34 50	******	SM-10B		******
S715	NAKATSU ESTUARY DAM	ES-1	131 10 35	33 34 50	******	SM-10B		******



ITEMS OF EARTHQUAKE		
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.10.28 10:09(JAPAN STANDARD TIME)
	EPICENTRAL REGION	SUONADA SETONAIKAI
	HYPOCENTER	
	EAST LONGITUDE	131°10.0"
	NORTH LATITUDE	33°55.2"
	FOCAL DEPTH	19KM
	MAGNITUDE	6.0(J.M.A. MAGNITUDE)

Figure 4—1—38 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM EARTHQUAKE NUMBER 91038



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1991.10.28 10:09(JAPAN STANDARD TIME)
EPICENTRAL REGION SUONADA SETONAIKAI
HYPOCENTER
EAST LONGITUDE 131° 10.0'
NORTH LATITUDE 33° 55.2'
FOCAL DEPTH 19KM
MAGNITUDE 6.0(J.M.A. MAGNITUDE)

SEIMIC INTEN SITY	J.M.A. STATION NAME	EAST LONGI TUDE	NORTH LATI TUDE	EPICENTRAL DISTANCE (KM)
Ⅳ	FUKUOKA	130 22.8	33 34.8	82.0
Ⅱ	SHIMONOSEKI	130 55.7	33 56.7	22.2
	YAMAGUCHI	131 27.0	34 9.0	36.5
	IIZUKA	130 42.0	33 39.0	52.5
	HAGI	131 24.0	34 25.0	59.2
	OITA	131 37.4	33 14.0	87.3
	SAGA	130 18.3	33 14.7	109.5
	KURE	132 33.0	34 14.0	132.0
Ⅱ	HITA	130 56.0	33 19.0	70.5
	HIROSHIMA	132 26.2	34 21.8	126.8
	KUMAMOTO	130 42.6	32 48.6	130.5
	HAMADA	132 4.4	34 53.6	136.4
	MATSUYAMA	132 46.8	33 50.4	149.1
	UNZENDAKE	130 15.9	32 44.4	155.6
	HIRADO	129 33.0	33 21.0	162.5
	KOCHI	133 32.2	33 33.2	222.8
	TOTTORI	134 14.4	35 29.1	330.3
	OSAKA	135 31.3	34 40.7	408.7
Ⅰ	UWAJIMA	132 33.5	33 13.5	150.3
	IZUHARA	129 17.7	34 12.2	175.2
	FUKUYAMA	133 15.0	34 27.0	200.4
	MIYAZAKI	131 25.4	31 55.2	223.6
	MATSUE	133 4.3	35 27.3	243.8
	YONAGO	133 20.5	35 25.9	260.3
	SAKAI	133 14.0	35 33.0	261.6
	OKAYAMA	133 55.1	34 39.5	265.7
	KAGOSHIMA	130 33.2	31 34.4	267.1
	TOKUSHIMA	134 34.6	34 3.9	314.7
	TOTOOKA	134 49.5	35 32.0	379.2
	FUKUI	136 13.6	36 3.2	518.1

TOTAL STATION NUMBER : 30
NO DISPLAY STATION NUMBER : 0

Figure 4—2—38 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 91038

Table 4—39 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	91039
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.11.02 08:53 (JAPAN STANDARD TIME)
EPICENTRAL REGION	KYOTO OSAKA BORDER REG
HYPOCENTER	
EAST LONGITUDE	135 32.7'
NORTH LATITUDE	35 2.1'
FOCAL DEPTH	14 KM
MAGNITUDE	4.3 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
604	DA-1	16	31	15	5	3						
S607	GR-1	4	31	6	4	3						
S607	DA-1	5	31	4	2	3						
S607	DA-2	5	31	6	5	10						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
604	AMAGASE DAM	DA-1	135 49 50	34 52 41	640200	SMAC-B2	S85E	037902
S607	AMAGASE DAM	GR-1	135 49 50	34 52 41	820300	SM-10		000000
S607	AMAGASE DAM	DA-1	135 49 50	34 52 41	820300	SM-10		000000
S607	AMAGASE DAM	DA-2	135 49 50	34 52 41	820300	SM-10		000000

Table 4—40 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	91040
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.11.14 08:47 (JAPAN STANDARD TIME)
EPICENTRAL REGION	E OFF FUKUSHIMA PREF
HYPOCENTER	
EAST LONGITUDE	141 28.2'
NORTH LATITUDE	37 17.3'
FOCAL DEPTH	83 KM
MAGNITUDE	4.3 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S104	GR-1	36	104	6	4	5						
S104	GR-2	36	104	7	3	5						
S104	PI-1	30	104	6	2	3						
S104	PI-2	34	104	4	2	2						
S104	FU-1	35	104	3	3	3						

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

Table 4—41 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	91041
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.11.17 16:46 (JAPAN STANDARD TIME)
EPICENTRAL REGION	NE OFF IWATE PREF
HYPOCENTER	
EAST LONGITUDE	142 42.9'
NORTH LATITUDE	40 3.7'
FOCAL DEPTH	27 KM
MAGNITUDE	4.9 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S102	6R-1	31	71	4	2	3						
S102	PI-1	31	71	11	2	8						
S102	6-1	28	71	15	10	50						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S102	SHIINO BRIDGE	6R-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	PI-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	6-1	141 54 30	39 54 25	841200	SM-10A		000000

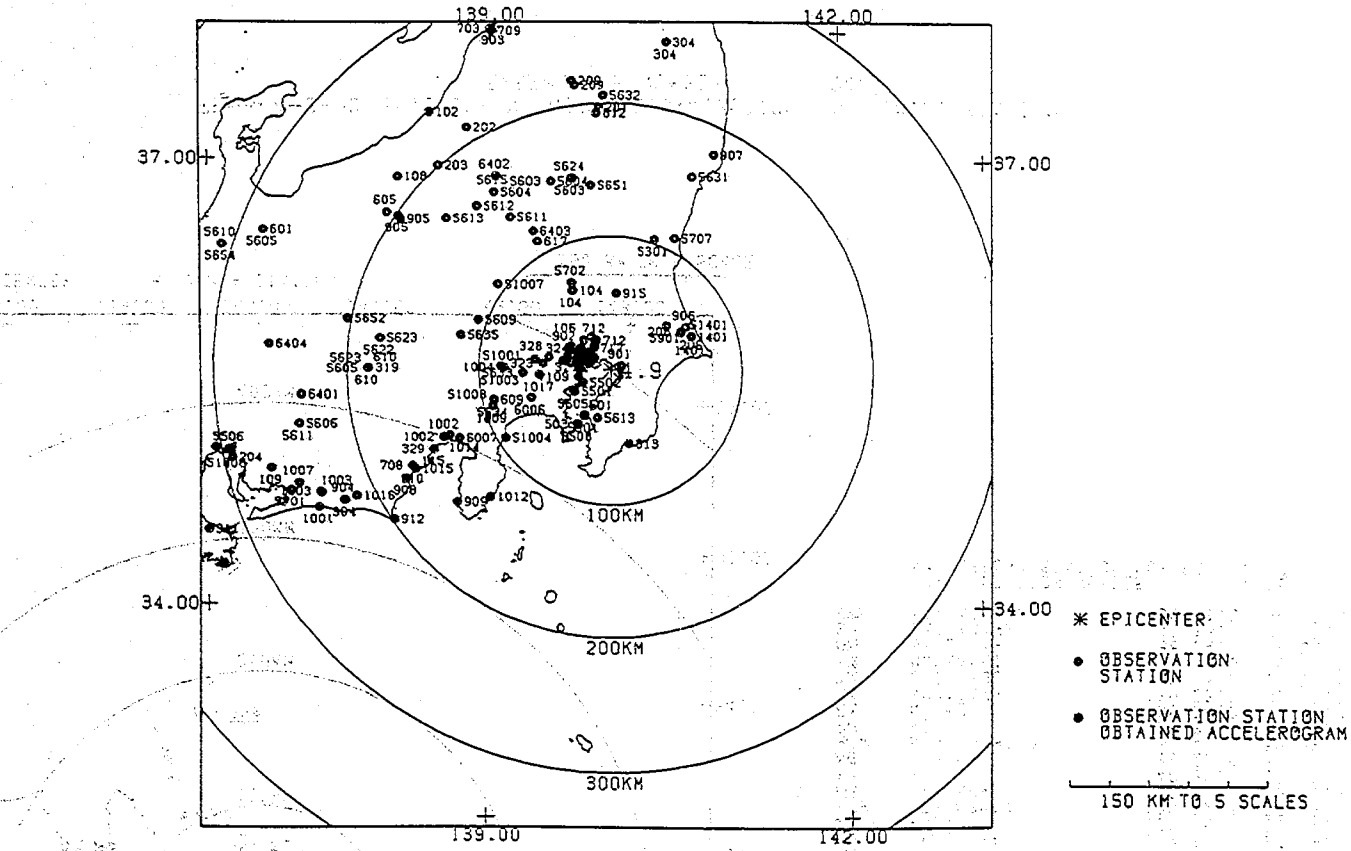
Table 4—42 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	91042
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.11.19 17:24 (JAPAN STANDARD TIME)
EPICENTRAL REGION	CENTRAL CHIBA PREF
HYPOCENTER	
EAST LONGITUDE	140 1.5'
NORTH LATITUDE	35 36.3'
FOCAL DEPTH	81 KM
MAGNITUDE	4.9 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
101	GR-1	121	21	16	3	15						
101	PI-1	45	22	21	3	14						
501	GR-1	154	39	7	4	7						
503	GR-1	94	47	16	2	11						
712	GR-1	16	25	35	5	35	55.2	13.6	33.5	1964	1965	1966
712	BK-1	23	25	40	20	35	-29.9	10.3	-32.2	1967	1968	1969
S705	UG-1	14	17	8	3	6						
S705	UG-2	35	17	8	4	11						
S705	BK-1	35	17	15	4	14						

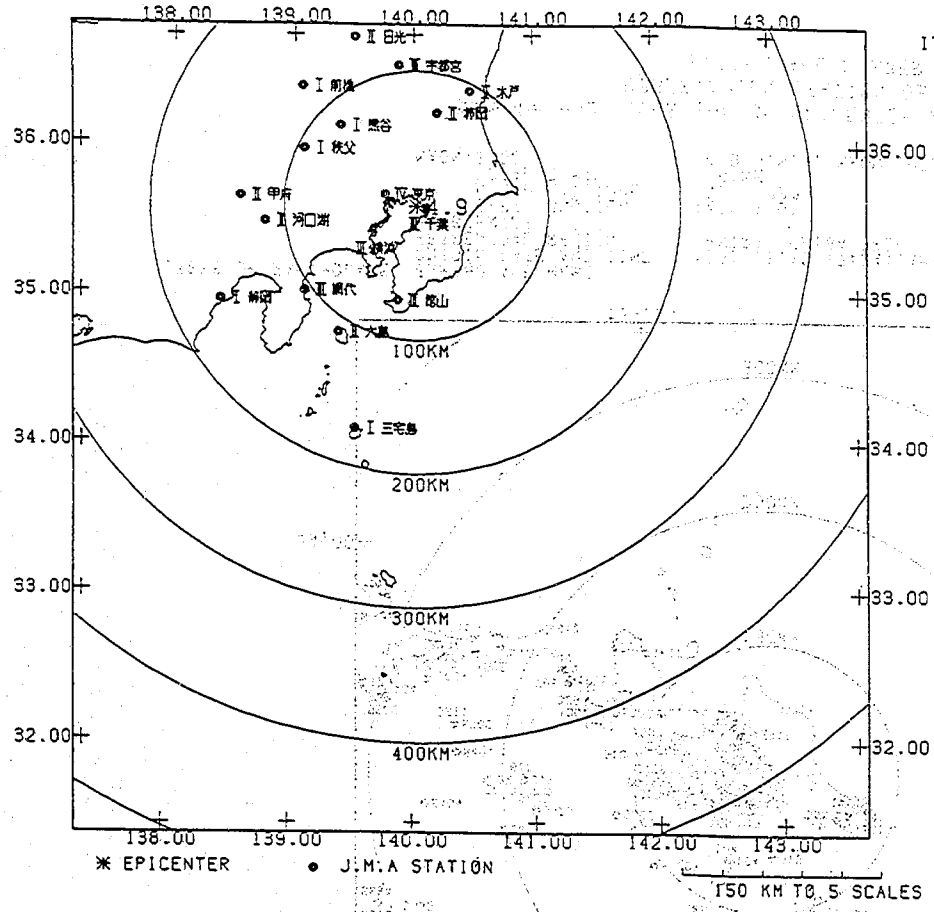
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
101	SHINKATSUSHIKA BRIDGE	GR-1	139 53 18	35 45 47	660330	SMAC-B2	N00E	070096
101	SHINKATSUSHIKA BRIDGE	PI-1	139 53 01	35 45 51	660330	SMAC-B2	N08E	070095
501	TOKYO BAY(FUTTU CAPE)	GR-1	139 48 21	35 18 28	651000	SMAC-B2	N00S	038558
503	TOKYO BAY(KANNONZAKI)	GR-1	139 44 49	35 15 02	670300	SMAC-B2	N90W	140207
712	EDOGAWA EMBANKMENT	GR-1	139 54 15	35 48 15	790400	SMAC-Q	S00E	000000
712	EDOGAWA EMBANKMENT	BK-1	139 53 55	35 48 15	800800	SMAC-Q	N45E	000000
S705	ARAKAWA EMBANKMENT	UG-1	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT	UG-2	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT	BK-1	139 50 43	35 39 08	******			******



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.11.19 17:24(JAPAN STANDARD TIME)
EPICENTRAL REGION	CENTRAL CHIBA PREF
HYPOCENTER	
EAST LONGITUDE	140° 1'5"
NORTH LATITUDE	35° 36'3"
FOCAL DEPTH	81KM
MAGNITUDE	4.9(J.M.A. MAGNITUDE)

Figure 4—1—42 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 91042



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1991.11.19 17:24(JAPAN STANDARD TIME)
EPICENTRAL REGION CENTRAL CHIBA PREF
HYPOCENTER
EAST LONGITUDE 140° 1'5"
NORTH LATITUDE 35° 36'3"
FOCAL DEPTH 81KM
MAGNITUDE 4.9(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
IV	TOKYO	139 45.5	35 41.2	25.8
II	CHIBA	140 6.0	35 36.0	6.8
	YOKOHAMA	139 39.4	35 26.2	38.2
	TATEYAMA	139 52.1	34 59.0	70.6
	AJIRO	139 5.8	35 2.6	104.8
	UTSUNOMIYA	139 52.3	36 32.8	105.6
II	KAKIOKA	140 11.6	36 13.9	71.3
	MITO	140 28.3	36 22.7	94.9
	OSHIMA	139 22.6	34 45.8	110.6
	KAWAGUCHIKO	138 45.8	35 29.9	114.7
	KOFU	138 33.4	35 39.9	132.8
	NIKKO	139 30.0	36 44.0	134.0
I	KUMAGAYA	139 23.0	36 8.8	83.5
	CHICHIBU	139 4.9	35 59.5	95.3
	MAEBASHI	139 3.9	36 24.1	123.7
	SHIZUOKA	138 24.4	34 58.4	162.8
	SHIRAKAWA	140 13.5	37 7.1	169.2
	MIYAKEJIMA	139 31.0	34 7.0	171.8

TOTAL STATION NUMBER : 18
NO DISPLAY STATION NUMBER : 0

Figure 4-2-42 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 91042

Table 4—43 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91043
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.11.24 21:07 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	WESTERN SAITAMA PREF
	HYPOCENTER	
	EAST LONGITUDE	139 14.9'
	NORTH LATITUDE	36 3.9'
	FOCAL DEPTH	21 KM
	MAGNITUDE	4.1 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S609	GR-1	7	33	2	2	2						
S609	DA-1	7	33	3	2	2						
S609	DA-2	7	33	9	7	12						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S609	FUTASE DAM	GR-1	138 54 49	35 56 19	******			******
S609	FUTASE DAM	DA-1	138 54 49	35 56 19	******			******
S609	FUTASE DAM	DA-2	138 54 49	35 56 19	******			******

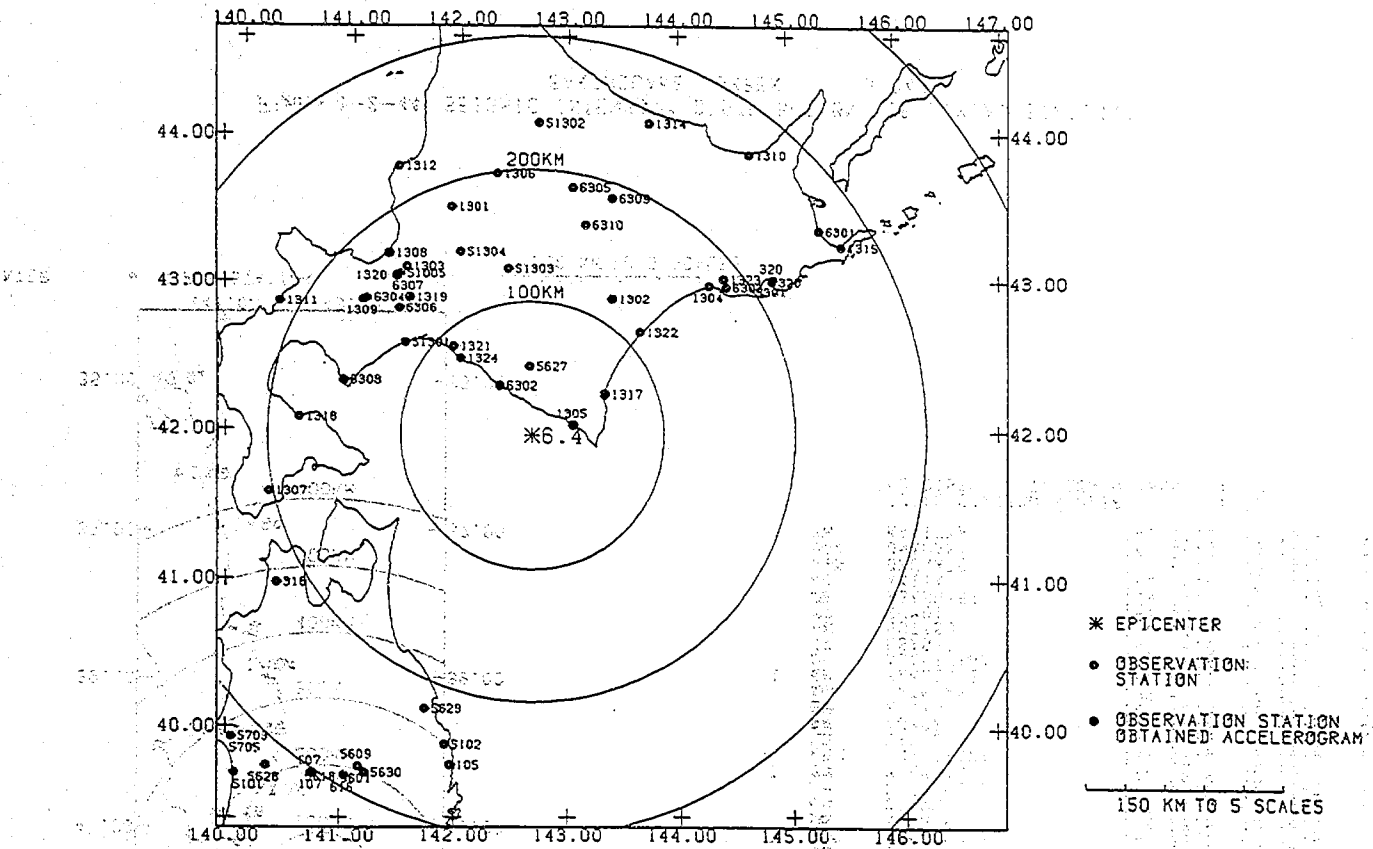
Table 4—44 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	91044
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.11.27 04:40 (JAPAN STANDARD TIME)
EPICENTRAL REGION	S OFF URAKAWA
HYPOCENTER	
EAST LONGITUDE	142 39.9'
NORTH LATITUDE	41 59.8'
FOCAL DEPTH	64 KM
MAGNITUDE	6.4 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
1302	GR-1	28	119	38	6	43	-53.5	-12.7	-76.3	1970	1971	1972
1305	GR-1	19	32	33	15	56	66.4	19.3	-94.4	1973	1974	1975
1305	PI-1	10	32	59	21	59	98.5	-34.6	98.0	1976	1977	1978
1308	GR-1	4	173	6	3	4						
1317	GR-1	9	62	90	10	100	-84.4	22.5	79.7	1979	1980	1981
1317	AB-1	3	62	40	10	50	-26.5	-13.0	-39.3	1982	1983	1984
1319	GR-1	4	138	20	10	20						
1320	GR-1	6	157	0	0	0						
1320	PI-1	5	157	0	0	0						

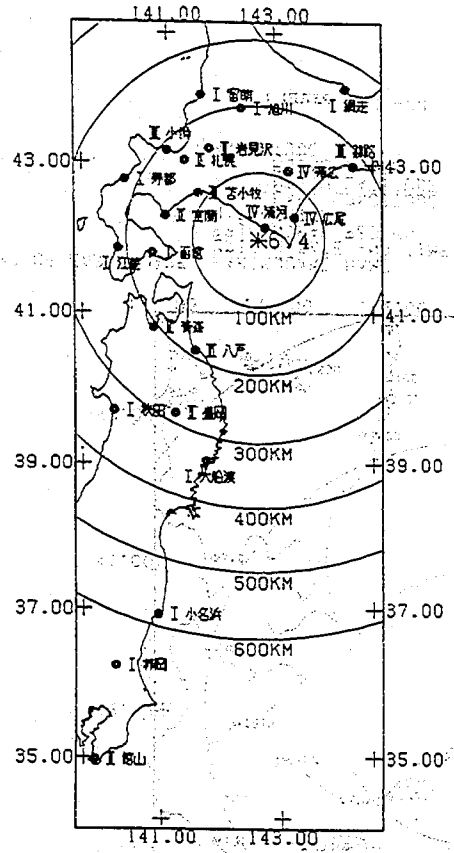
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
1302	CHIYODA BRIDGE	GR-1	143 23 21	42 55 11	661100	SMAC-B2	S36W	140182
1305	HOROMAN BRIDGE	GR-1	143 02 16	42 04 24	671210	SMAC-B2		140231
1305	HOROMAN BRIDGE	PI-1	143 02 15	42 04 24	671210	SMAC-B2		140232
1308	ISHIKARIKAKOU BRIDGE	GR-1	141 21 10	43 13 20	700300	SMAC-B2		000000
1317	HIROO BRIDGE	GR-1	143 19 10	42 16 45	750300	SMAC-Q	N23E	000000
1317	HIROO BRIDGE	AB-1	143 19 10	42 16 45	770300	SMAC-Q	N23E	000000
1319	SHIMAMATSUZAWA BRIDGE	GR-1	141 32 35	42 55 15	791200	SMAC-Q		000000
1320	SAPPORO I.C BRIDGE	GR-1	141 25 30	43 04 20	811200	SMAC-Q	W10N	360234
1320	SAPPORO I.C BRIDGE	PI-1	141 25 30	43 04 20	811200	SMAC-Q		270237



ITEMS OF EARTHQUAKE　EARTHQUAKE NAME

ORIGIN DATE AND TIME	1991.11.27 04:40(JAPAN STANDARD TIME)
EPICENTRAL REGION	S OFF URAKAWA
HYPOCENTER	
EAST LONGITUDE	142°39'9"
NORTH LATITUDE	41°59'8"
FOCAL DEPTH	64KM
MAGNITUDE	6.4(J.M.A. MAGNITUDE)

Figure 4−1−44 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM EARTHQUAKE NUMBER 91044



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1991.11.27 04:40(JAPAN STANDARD TIME)
EPICENTRAL REGION S OFF URAKAWA
HYPOCENTER
EAST LONGITUDE 142°39.9'
NORTH LATITUDE 41°59.8'
FOCAL DEPTH 64KM
MAGNITUDE 6.4(J.M.A. MAGNITUDE)

SEIMIC INTEN SITY	J.M.A. STATION NAME	EAST LONGI TUDE	NORTH LATI TUDE	EPICENTRAL DISTANCE (KM)
Ⅳ	浦河 URAKAWA	142 46.9	42 9.5	20.4
	広尾 HIROO	143 19.2	42 17.5	63.1
	帯広 OBIHIRO	143 13.0	42 55.2	112.1
Ⅲ	苫小牧 TOMAKOMAI	141 35.1	42 37.4	112.8
	釧路 KUSHIRO	144 23.5	42 58.5	178.5
	小樽 OTARU	141 1.0	43 11.0	188.7
	八戸 HACHINOHE	141 31.5	40 31.5	189.3
Ⅱ	室蘭 MURORAN	140 58.9	42 18.6	143.0
	岩見沢 IWAMIZAWA	141 47.0	43 13.0	153.6
	札幌 SAPPORO	141 19.9	43 3.5	160.8
	青森 AOMORI	140 46.9	40 49.2	204.4
	盛岡 MORIOKA	141 10.6	39 41.7	264.8
	竪山 TATEYAMA	139 52.1	34 59.0	816.6
I	函館 HAKODATE	140 45.3	41 48.9	159.3
	旭川 ASAHIKAWA	142 22.4	43 46.2	198.5
	江差 ESASHI	140 8.0	41 52.0	209.9
	寿都 SUTTSU	140 14.4	42 47.4	217.7
	留萌 RUMOI	141 38.2	43 56.6	252.0
	網走 ABASHIRI	144 17.0	44 0.9	260.0
	秋田 AKITA	140 6.0	39 43.1	392.6
	大船渡 OFUNATO	141 43.1	39 3.7	335.9
	小名浜 ONAHAMA	140 54.4	36 56.7	581.5
	高田 KAKIOKA	140 11.6	36 13.9	675.3

TOTAL STATION NUMBER : 23
NO DISPLAY STATION NUMBER : 0

Figure 4—2—44 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 91044

Table 4—45 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91045
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.12.12 11:27 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN IBARAKI PREF
	HYPOCENTER	
	EAST LONSITUDE	140 39.7'
	NORTH LATITUDE	36 27.7'
	FOCAL DEPTH	48 KM
	MAGNITUDE	4.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S707	GR-1	6	9	18	10	13						
S707	BK-1	6	9	16	9	19						

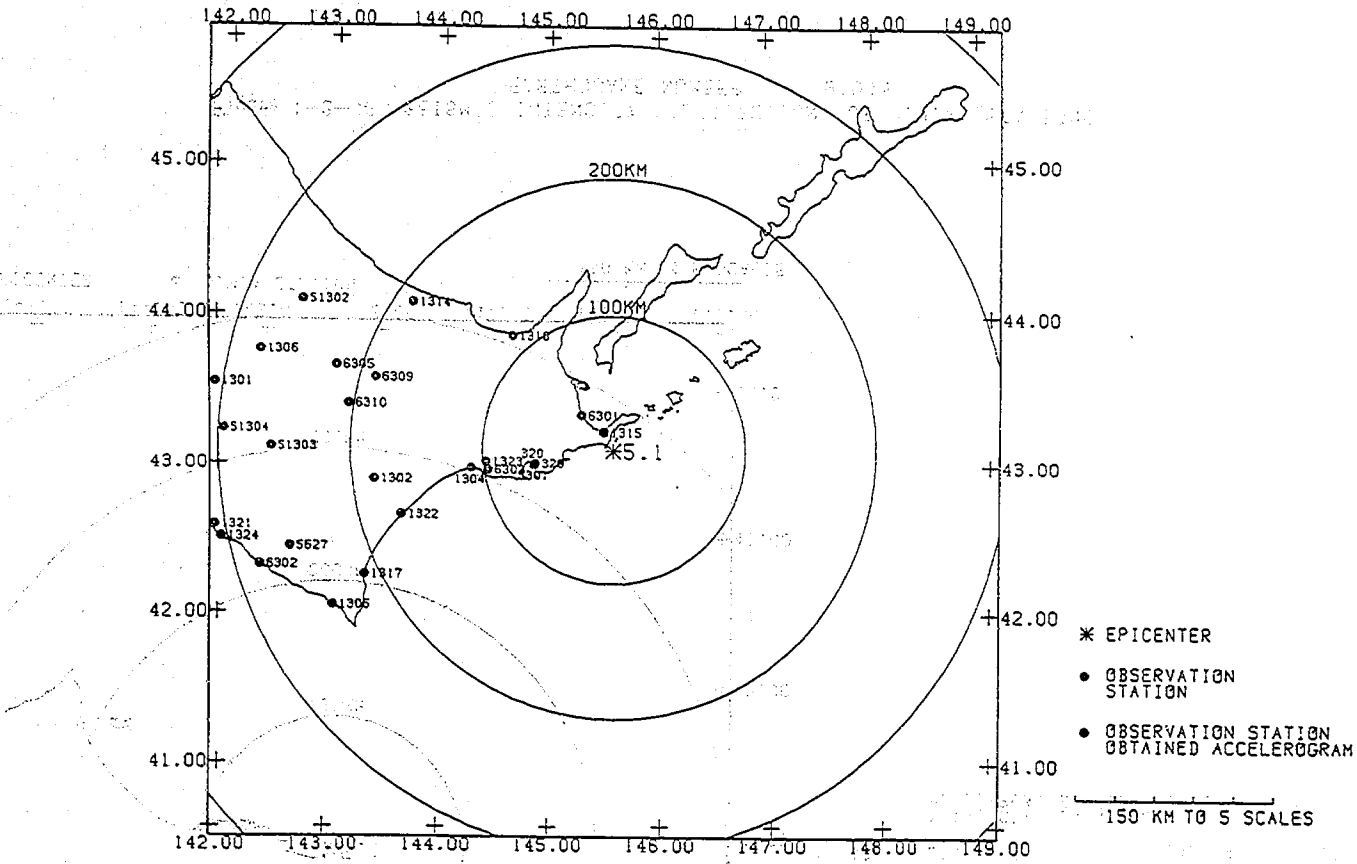
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST - LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S707	KUJIGAWA EMBANKMENT	GR-1	140 34 10	36 29 28	******	SM-108		******
S707	KUJIGAWA EMBANKMENT	BK-1	140 34 10	36 29 28	******	SM-108		******

Table 4—46 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91046
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.12.17 13:23 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	OFF NEMURO PENINSULA
	HYPOCENTER	
	EAST LONGITUDE	145 34.7'
	NORTH LATITUDE	43 8.1'
	FOCAL DEPTH	50 KM
	MAGNITUDE	5.1 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
1315	GR-1	14	16	130	70	190	148.6	-72.3	-216.1	1985	1986	1987
1315	PI-1	10	16	250	30	210	247.0	-40.9	-194.7	1988	1989	1990
1315	AB-1	11	16	100	50	130	121.0	44.1	109.0	1991	1992	1993

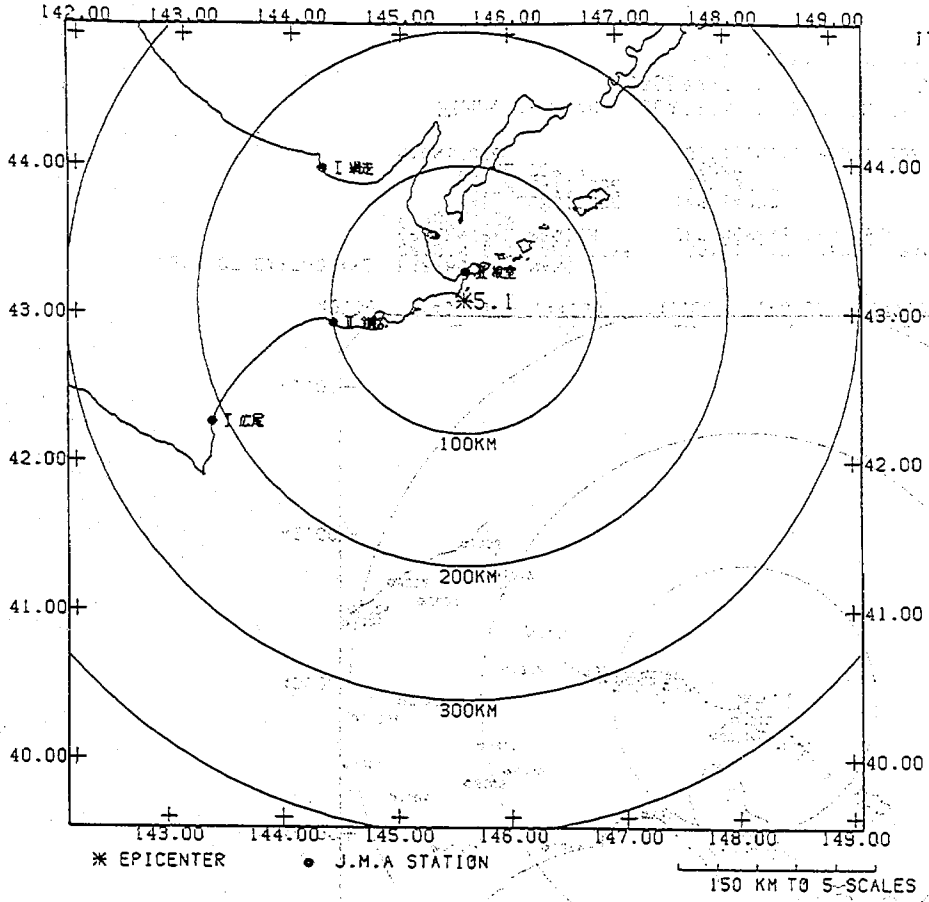
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
1315	ONNETTO BRIDGE	GR-1	145 29 30	43 15 50	751101	SMAC-Q		000000
1315	ONNETTO BRIDGE	PI-1	145 29 30	43 15 50	751101	SMAC-Q		000000
1315	ONNETTO BRIDGE	AB-1	145 29 30	43 15 50	751101	SMAC-Q		000000



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.12.17 13:23(JAPAN STANDARD TIME)
EPICENTRAL REGION	OFF NEMURO PENINSULA
HYPOCENTER	
EAST LONGITUDE	145° 34.7'
NORTH LATITUDE	43° 8.1'
FOCAL DEPTH	50KM
MAGNITUDE	5.1(J.M.A. MAGNITUDE)

Figure 4-1-46 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM EARTHQUAKE NUMBER 91046



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1991.12.17 13:23(JAPAN STANDARD TIME)
EPICENTRAL REGION	OFF NEMURO PENINSULA
HYPOCENTER	
EAST LONGITUDE	145° 34.7'
NORTH LATITUDE	43° 8.1'
FOCAL DEPTH	50KM
MAGNITUDE	5.1(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
Ⅲ	根室 NEMURO	145 35.4	43 19.7	21.5
Ⅱ	釧路 KUSHIRO	144 23.5	42 58.5	98.0
Ⅰ	網走 ABASHIRI	144 17.0	44 0.9	143.0
Ⅰ	広尾 HIROO	143 19.2	42 17.5	206.9

TOTAL STATION NUMBER : 4
NO DISPLAY STATION NUMBER : 0

Figure 4—2—46 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 91046

Table 4—47 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91047
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.12.24 05:02 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF IWATE PREF
	HYPOCENTER	
	EAST LONGITUDE	142 21.4'
	NORTH LATITUDE	39 55.4'
	FOCAL DEPTH	56 KM
	MAGNITUDE	4.5 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S102	GR-1	32	38	7	3	4						
S102	PI-1	32	38	11	5	6						
S102	G-1	29	38	13	17	39						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S102	SHIINO BRIDGE	GR-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	PI-1	141 54 30	39 54 25	841200	SM-10A		000000
S102	SHIINO BRIDGE	G-1	141 54 30	39 54 25	841200	SM-10A		000000

Table 4—48 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

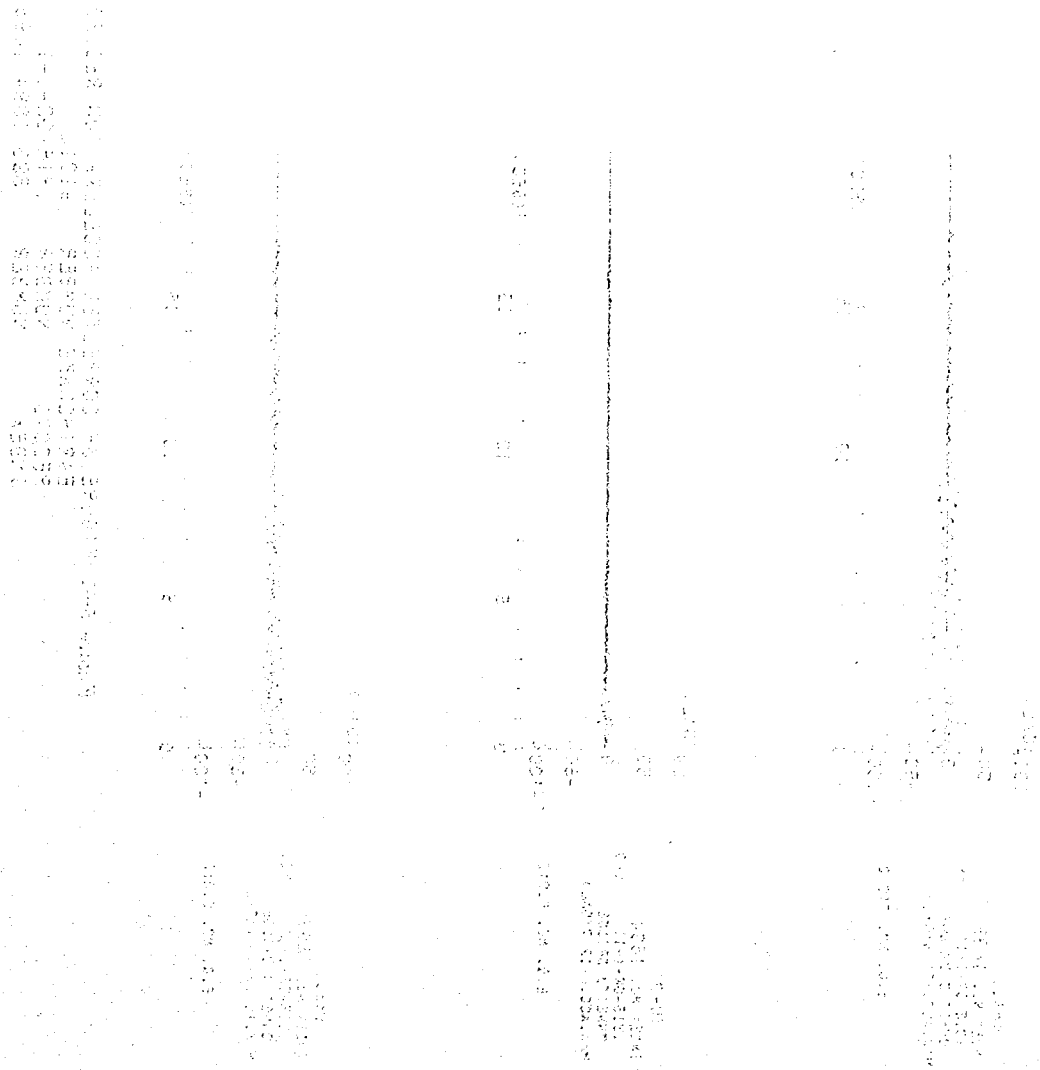
ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	91048
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1991.12.31 08:38 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN TOCHIGI PREF
	HYPOCENTER	
	EAST LONGITUDE	140 13.5'
	NORTH LATITUDE	36 43.8'
	FOCAL DEPTH	79 KM
	MAGNITUDE	4.4 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
S707	6R-1	7	41	5	4	5						
S707	BK-1	7	41	7	4	6						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S707	KUJIGAWA EMBANKMENT	6R-1	140 34 10	36 29 28	******	SM-108		******
S707	KUJIGAWA EMBANKMENT	BK-1	140 34 10	36 29 28	******	SM-108		******

5. 地震動の加速度記録

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



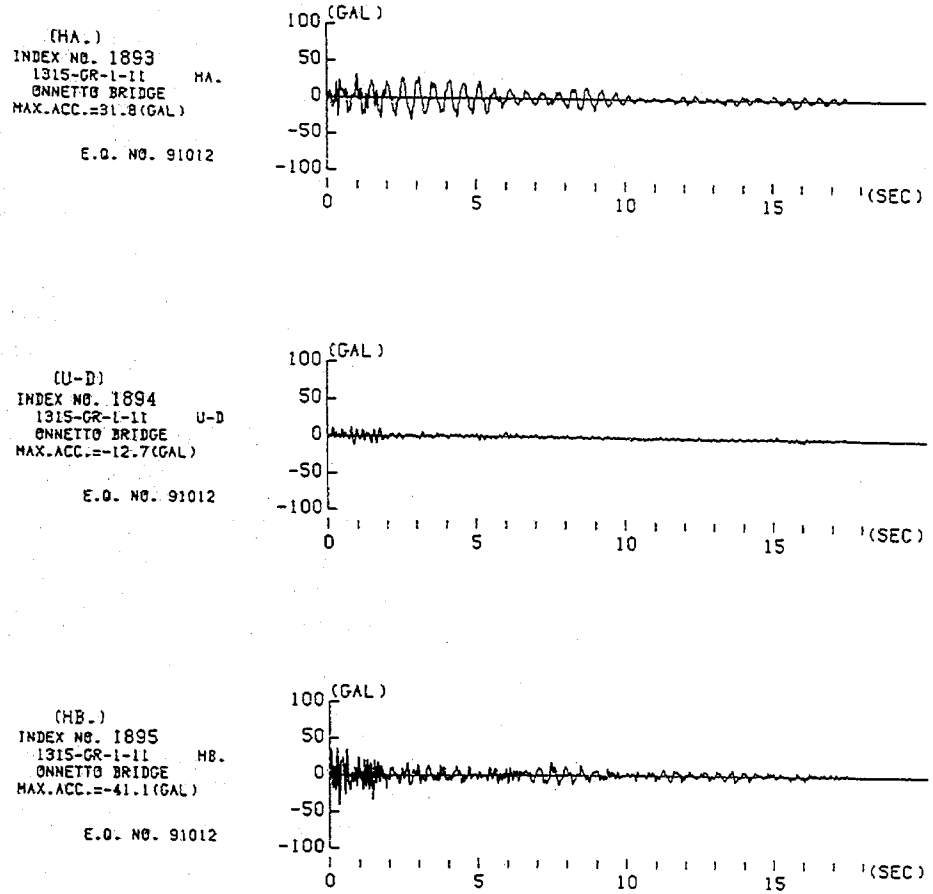


Figure 5—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91012
RECORD NUMBER 1315-GR-1-11
INDEX NUMBER 1893 1894 1895

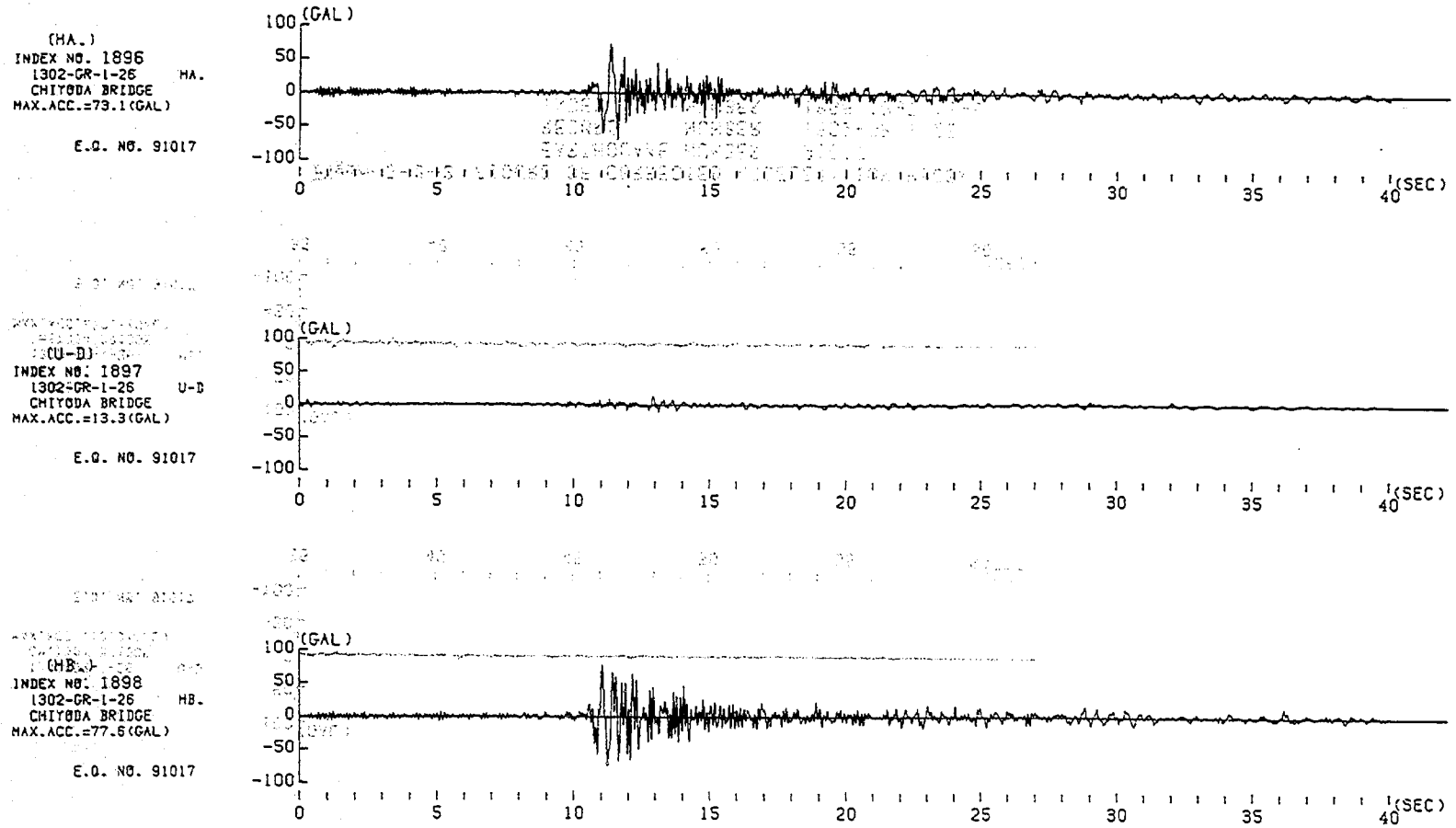
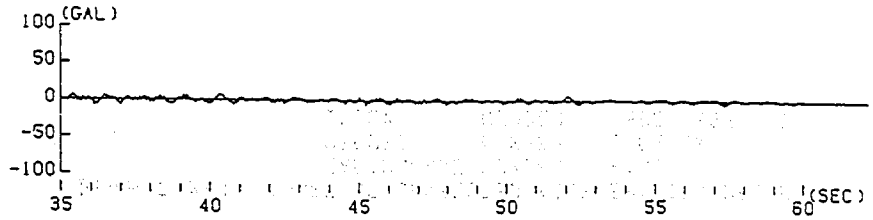


Figure 5—2—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91017
RECORD NUMBER 1302-GR-1-26
INDEX NUMBER 1896 1897 1898

(2-1)

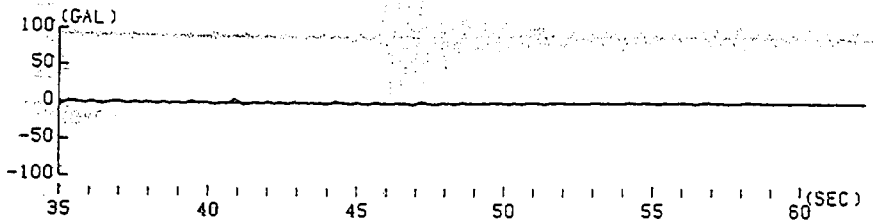
(HA.)
INDEX NO. 1896
1302-GR-1-26 HA.
CHIYODA BRIDGE
MAX.ACC.=73.1(GAL)

E.Q. NO. 91017



(U-D)
INDEX NO. 1897
1302-GR-1-26 U-D
CHIYODA BRIDGE
MAX.ACC.=13.3(GAL)

E.Q. NO. 91017



(HB.)
INDEX NO. 1898
1302-GR-1-26 HB.
CHIYODA BRIDGE
MAX.ACC.=77.6(GAL)

E.Q. NO. 91017

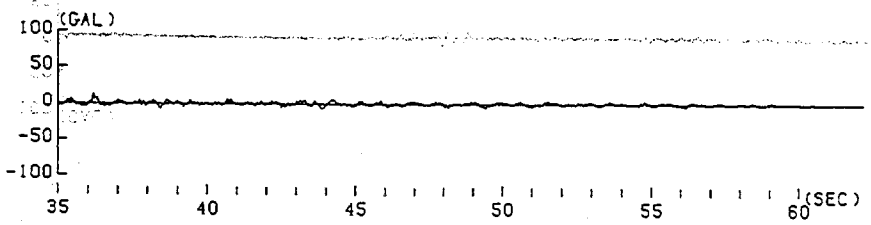


Figure 5—2—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91017
RECORD NUMBER 1302-GR-1-26
INDEX NUMBER 1896 1897 1898

(2-2)

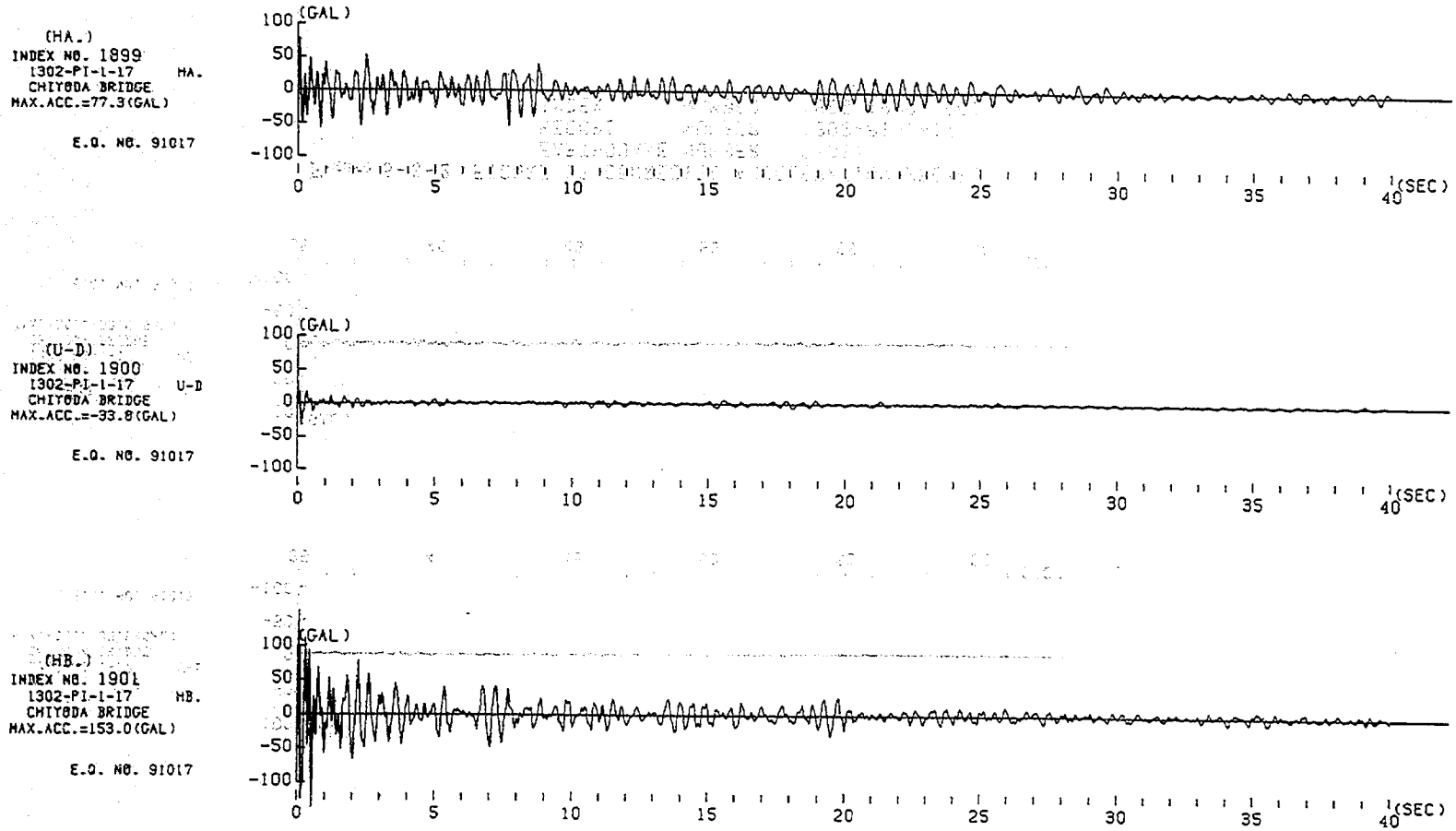


Figure 5—3—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91017
RECORD NUMBER 1302-PI-1-17
INDEX NUMBER 1899 1900 1901

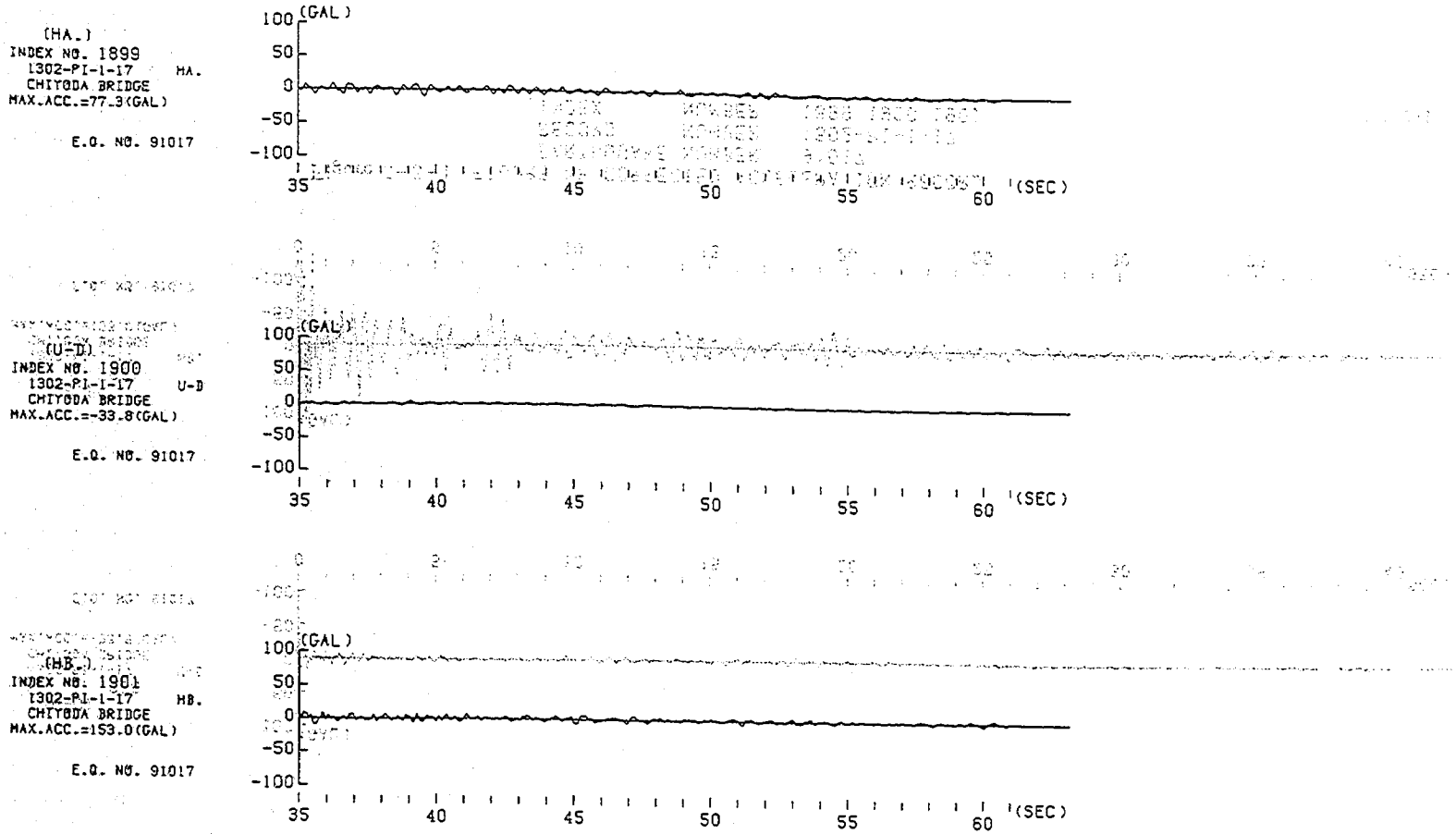


Figure 5—3—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91017
RECORD NUMBER 1302-PI-1-17
INDEX NUMBER 1899 1900 1901 (3-2)

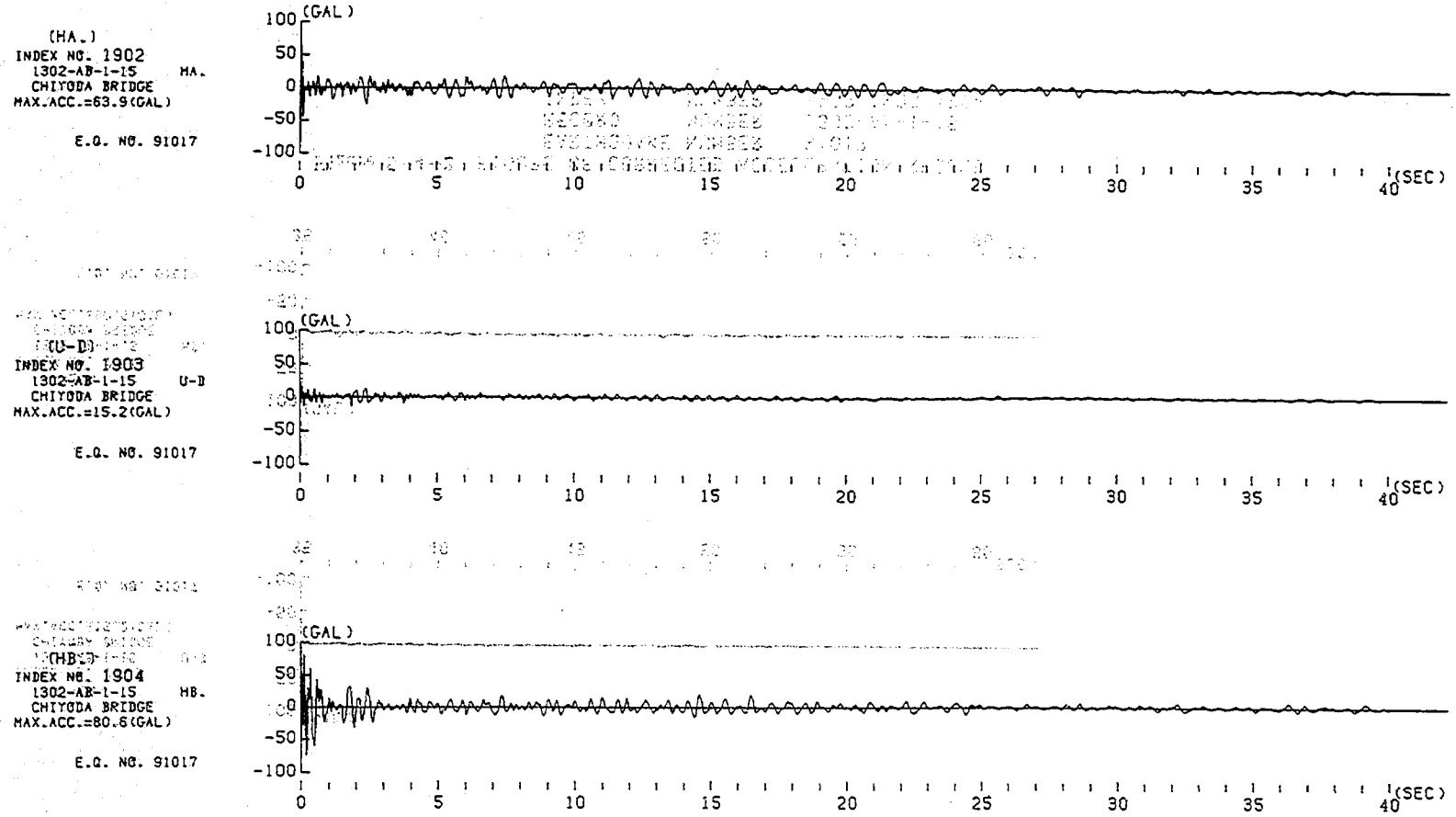


Figure 5—4—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91017
RECORD NUMBER 1302-AB-1-15
INDEX NUMBER 1902 1903 1904

(4-1)

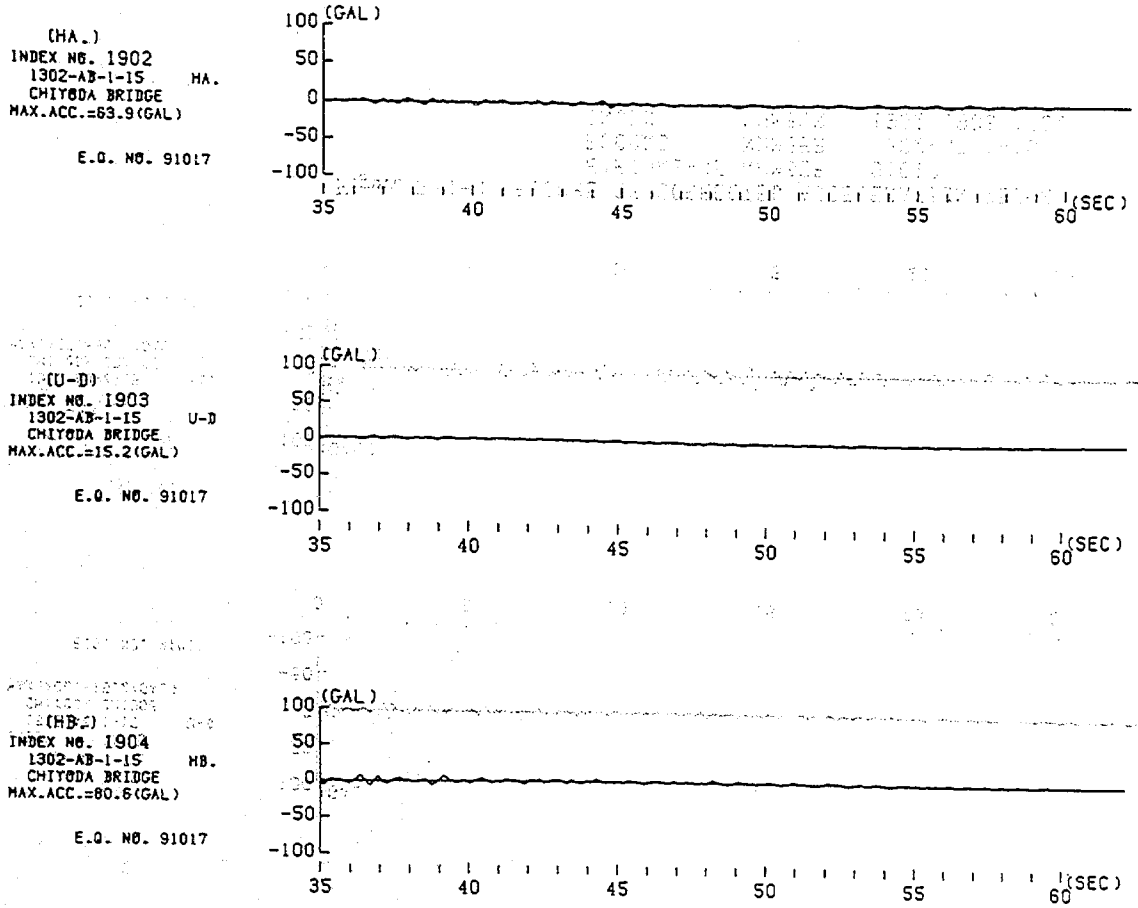


Figure 5—4—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91017
RECORD NUMBER 1302-AB-1-15
INDEX NUMBER 1902 1903 1904

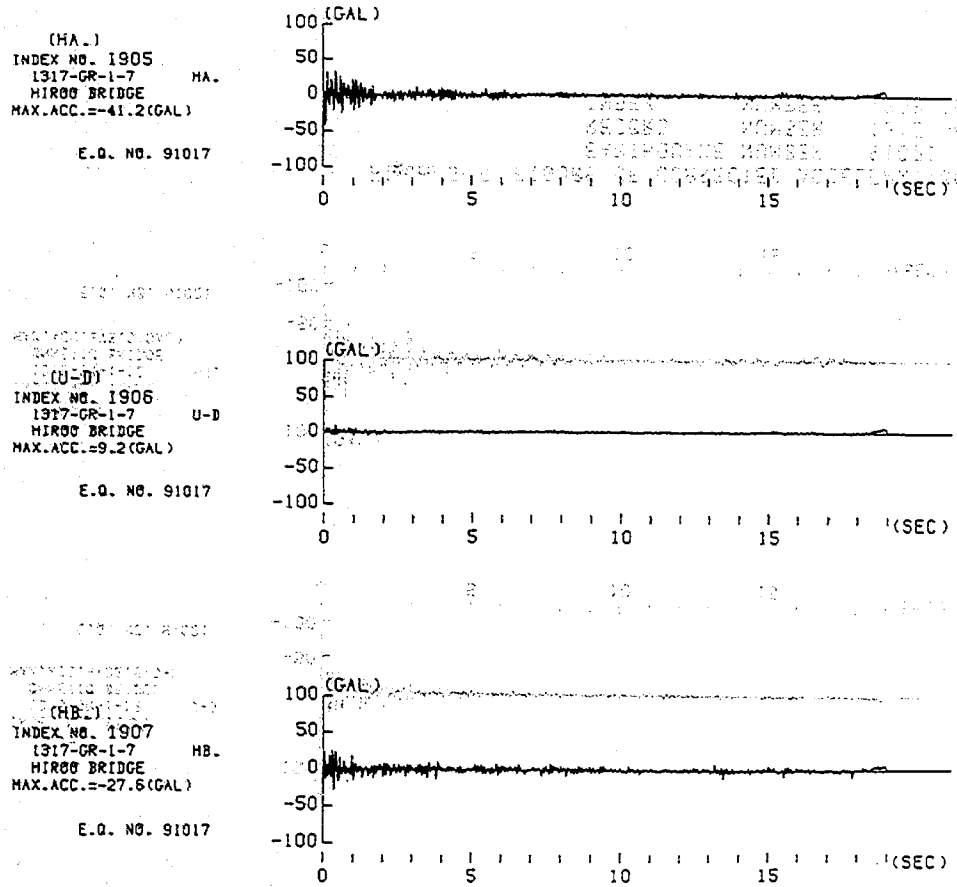


Figure 5—5 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91017
RECORD NUMBER 1317-GR-1-7
INDEX NUMBER 1905 1906 1907

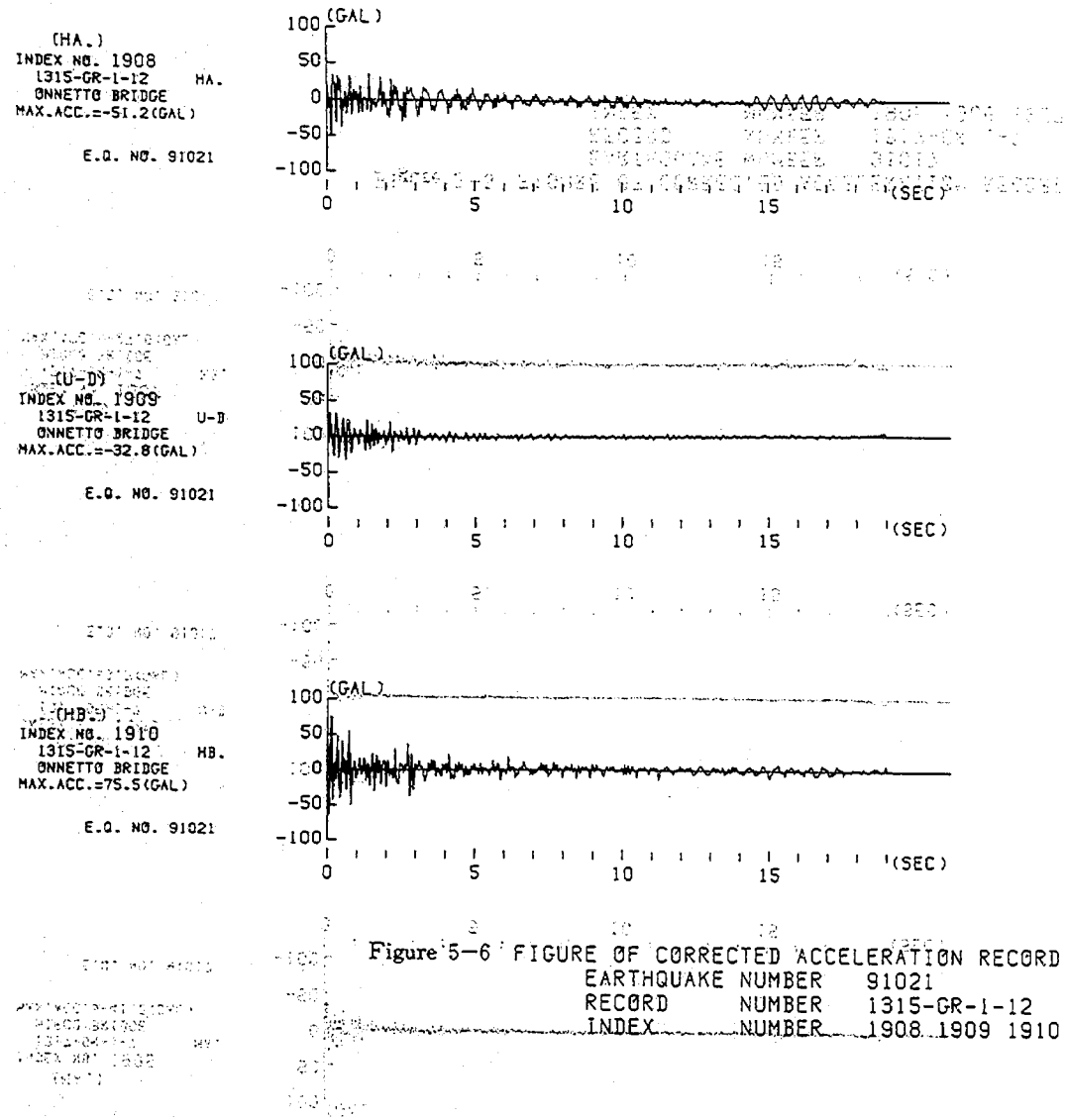


Figure 5—6 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91021
RECORD NUMBER 1315-GR-1-12
INDEX NUMBER 1908 1909 1910

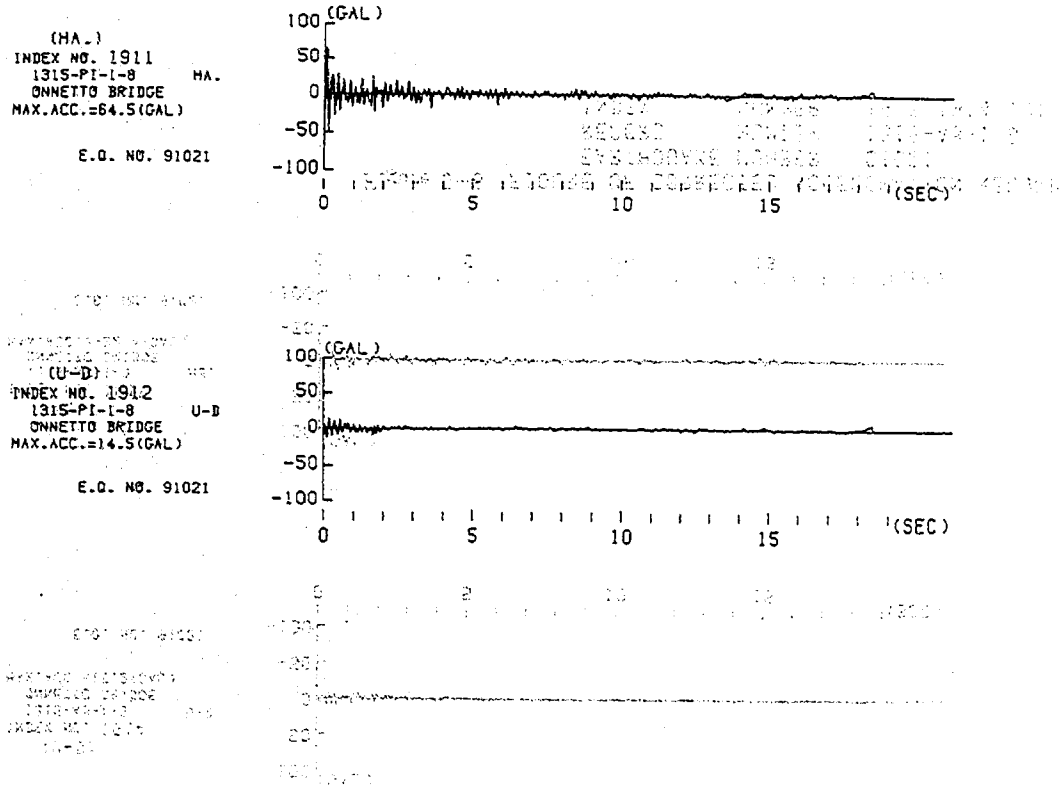


Figure 5—7 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91021
RECORD NUMBER 1315-PI-1-8
INDEX NUMBER 1911 1912

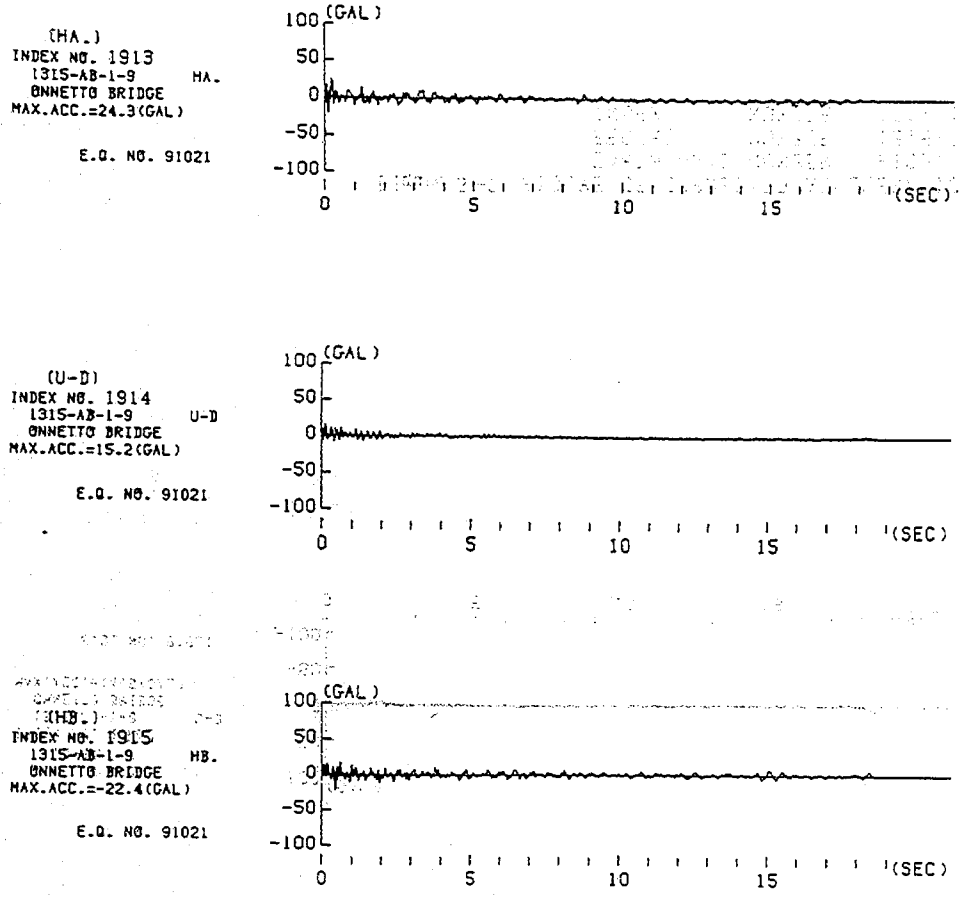


Figure 5—8 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91021
RECORD NUMBER 1315-AB-1-9
INDEX NUMBER 1913 1914 1915

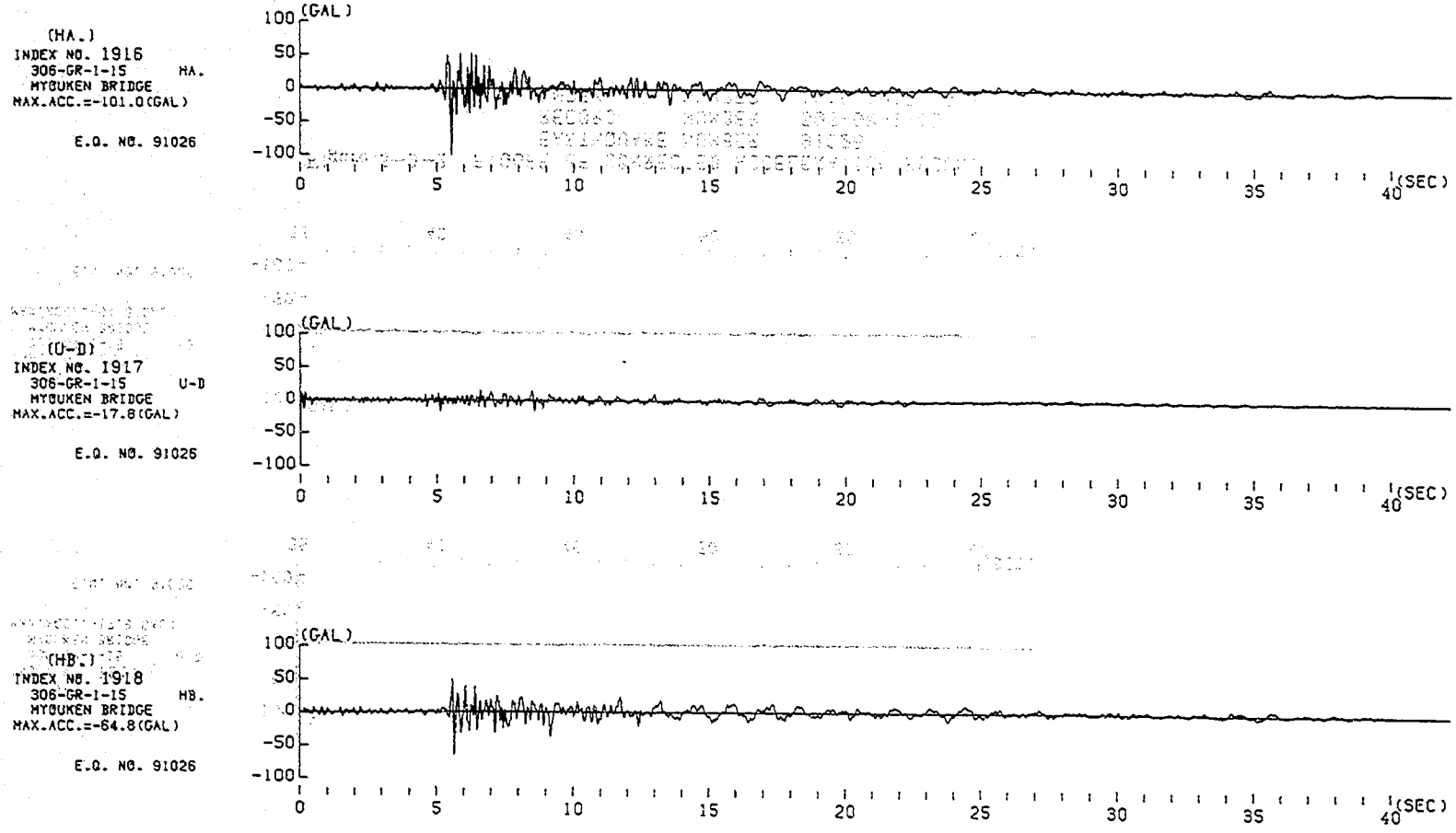


Figure 5-9-1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91026
RECORD NUMBER 306-GR-1-15
INDEX NUMBER 1916 1917 1918

(9-1)

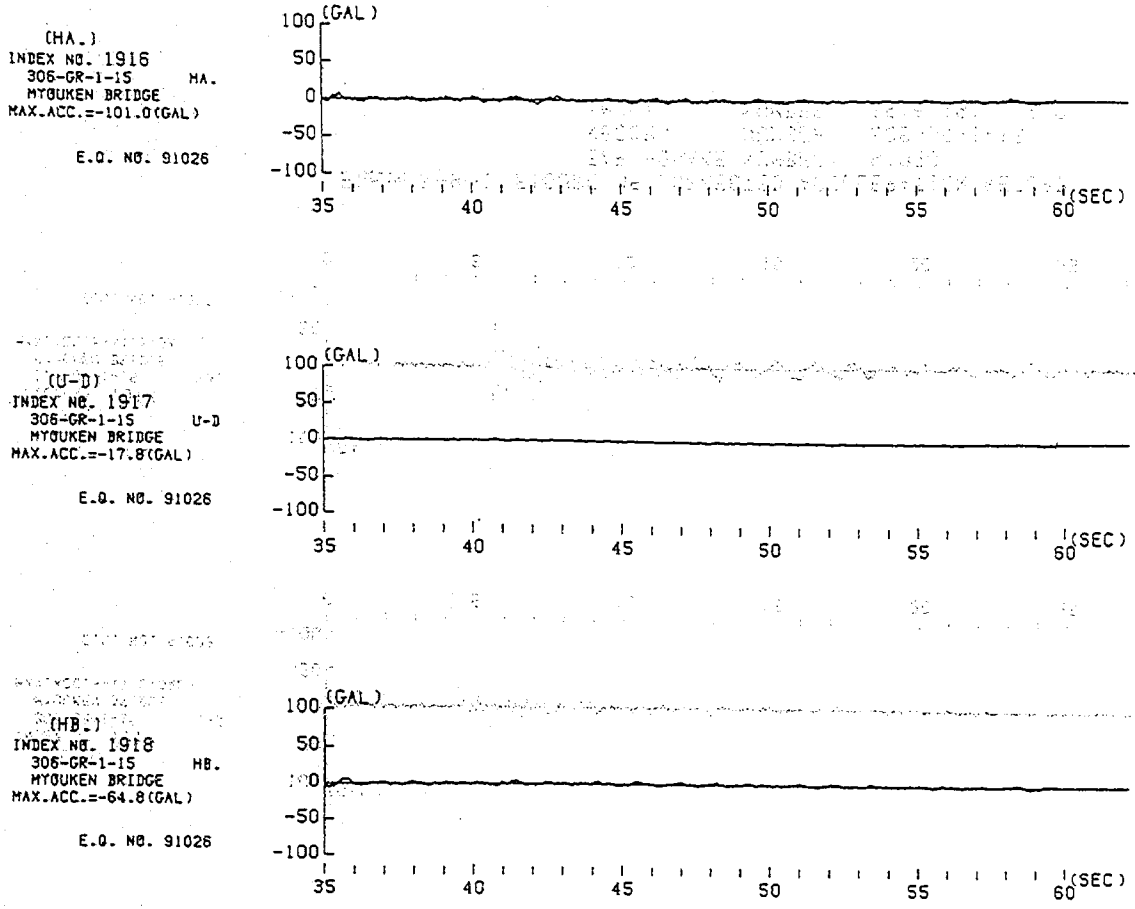


Figure 5—9—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91026
RECORD NUMBER 306-GR-1-15
INDEX NUMBER 1916 1917 1918

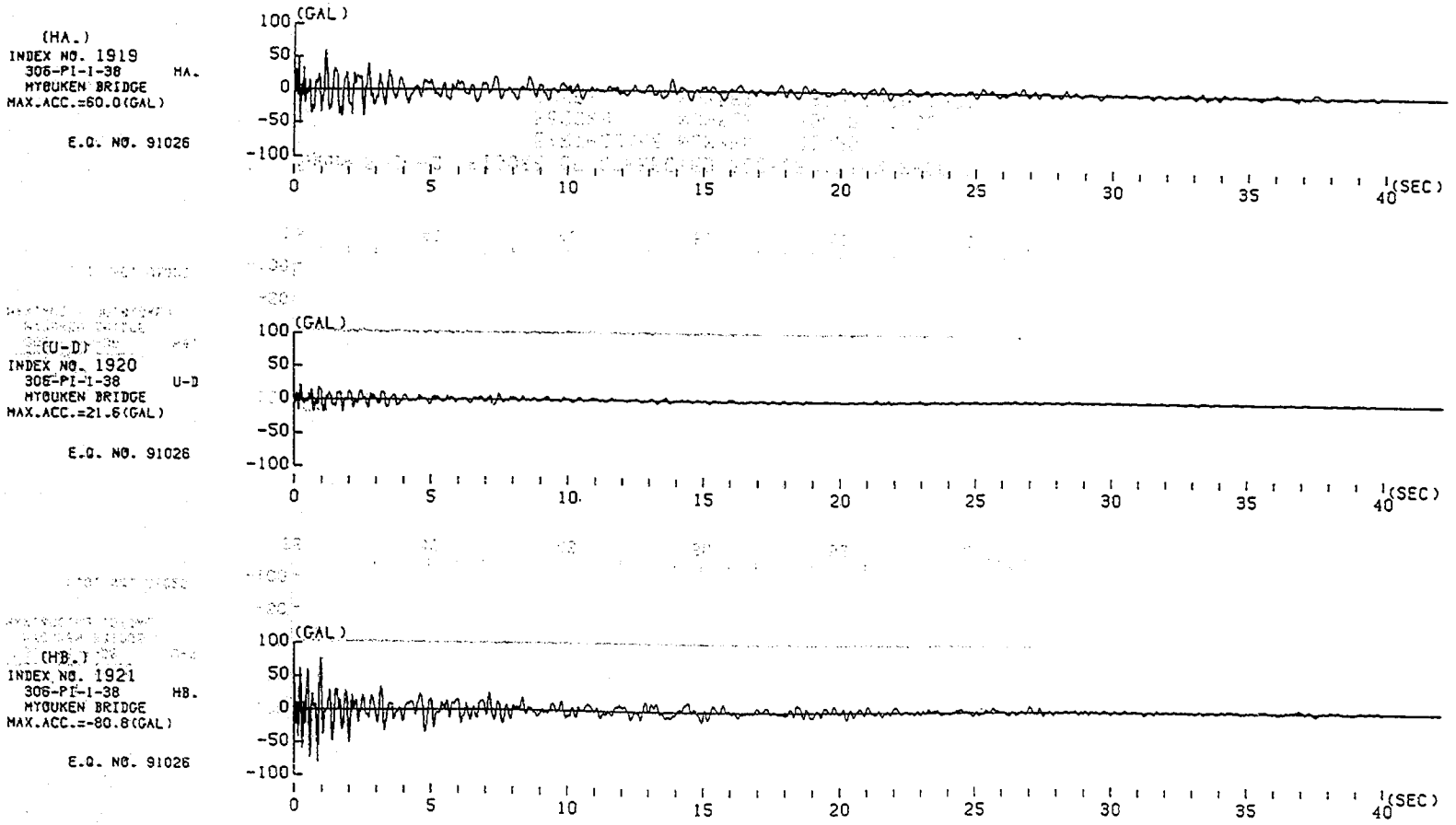


Figure 5—10—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91026
RECORD NUMBER 306-PI-1-38
INDEX NUMBER 1919 1920 1921

(10-1)

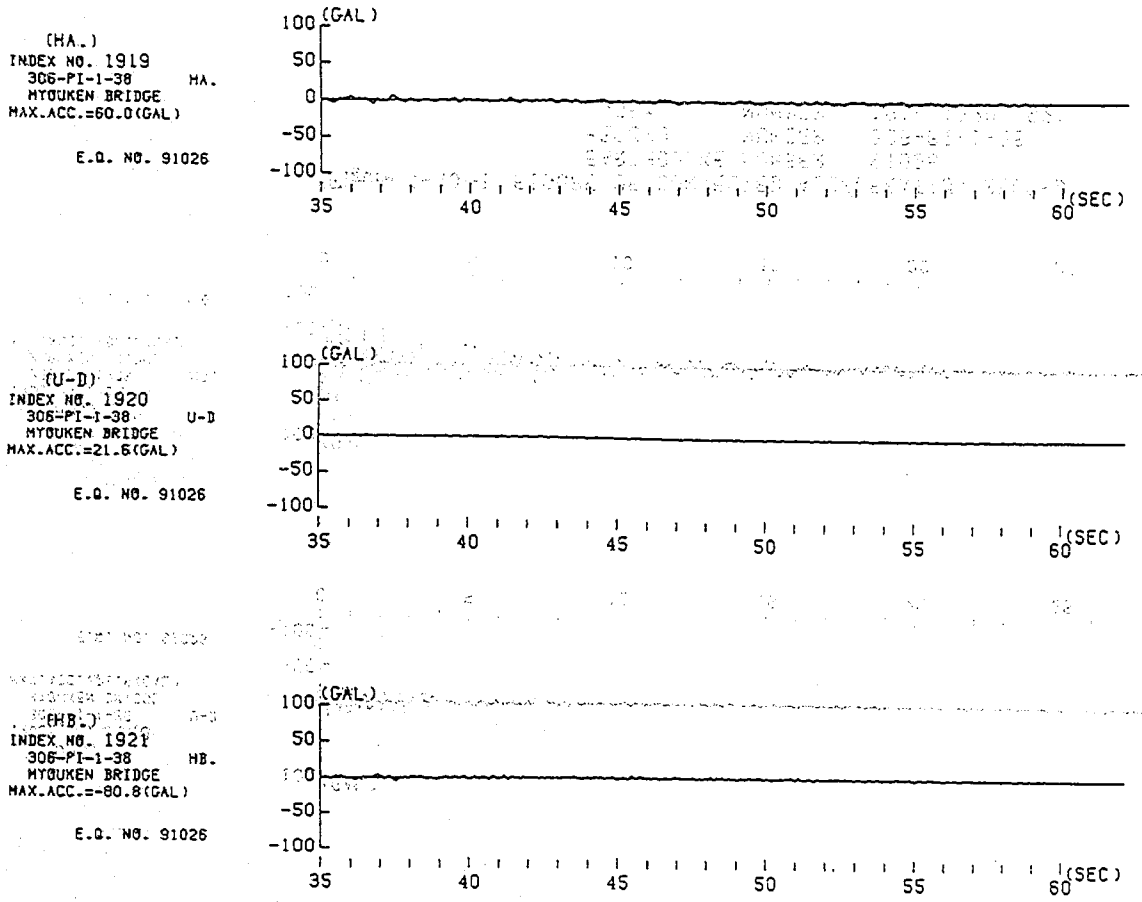


Figure 5—10—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91026
RECORD NUMBER 306-PI-1-38
INDEX NUMBER 1919 1920 1921 (10-2)

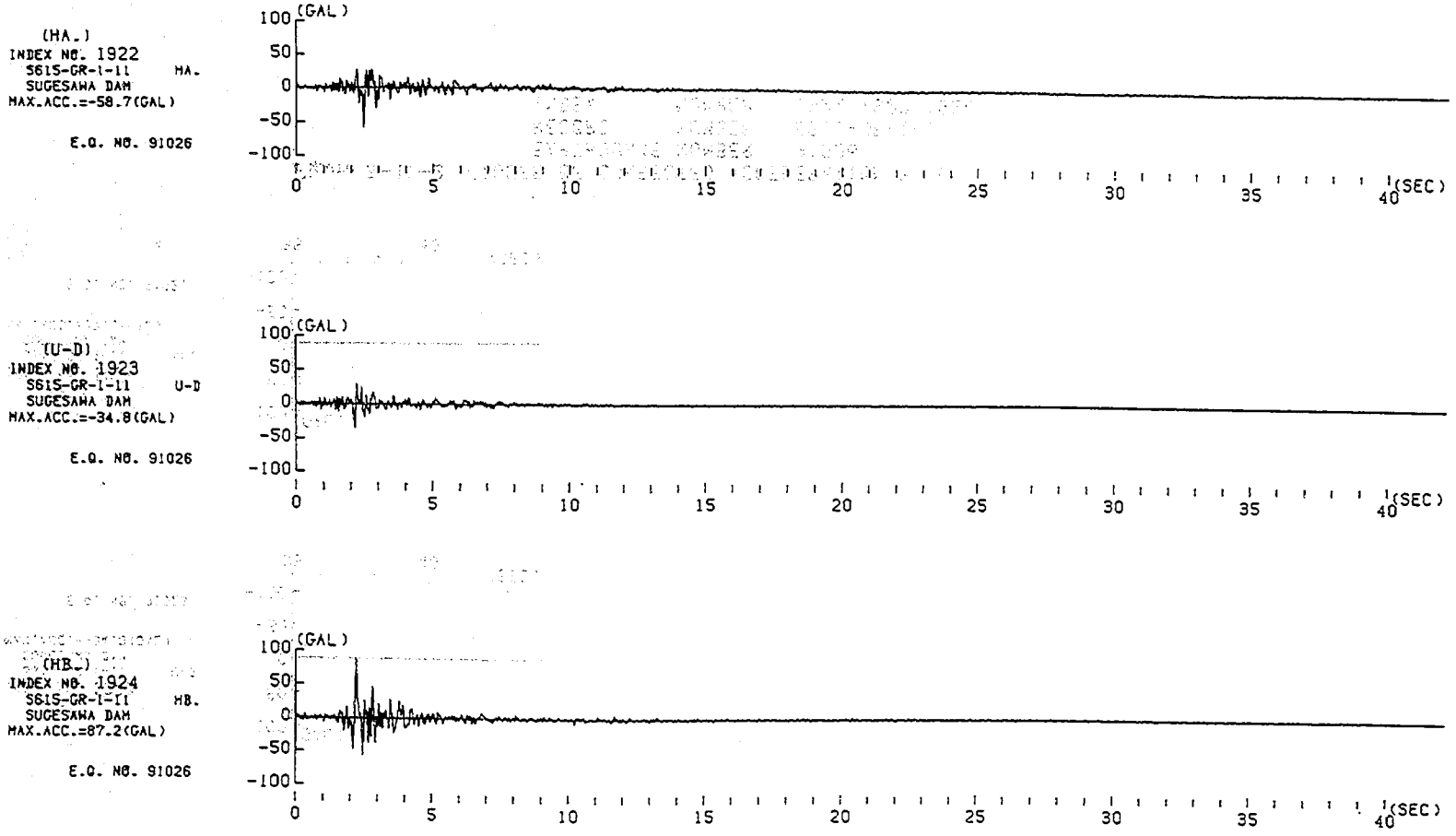


Figure 5—11—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91026
RECORD NUMBER S615-GR-1-11
INDEX NUMBER 1922 1923 1924

(11-1)

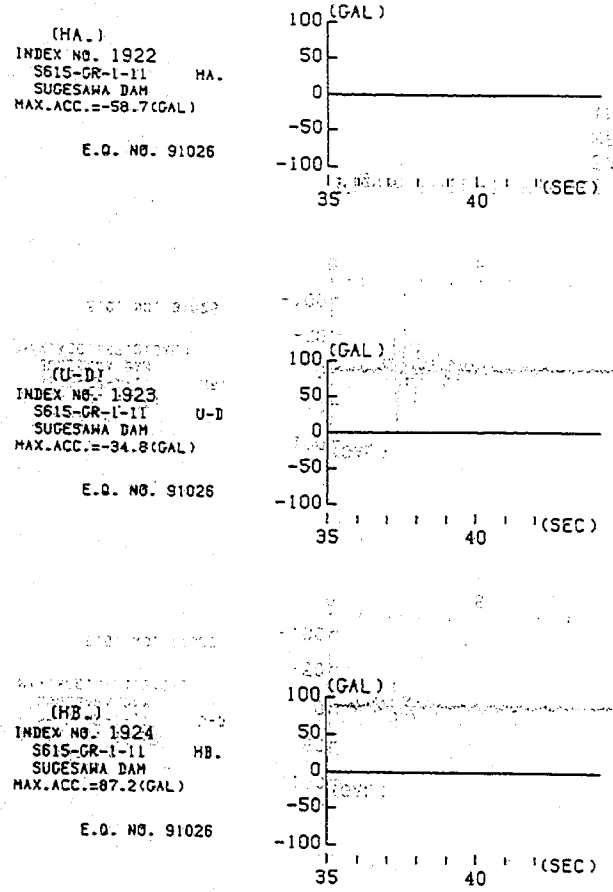


Figure 5—11—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91026
RECORD NUMBER S615-GR-1-11
INDEX NUMBER 1922 1923 1924

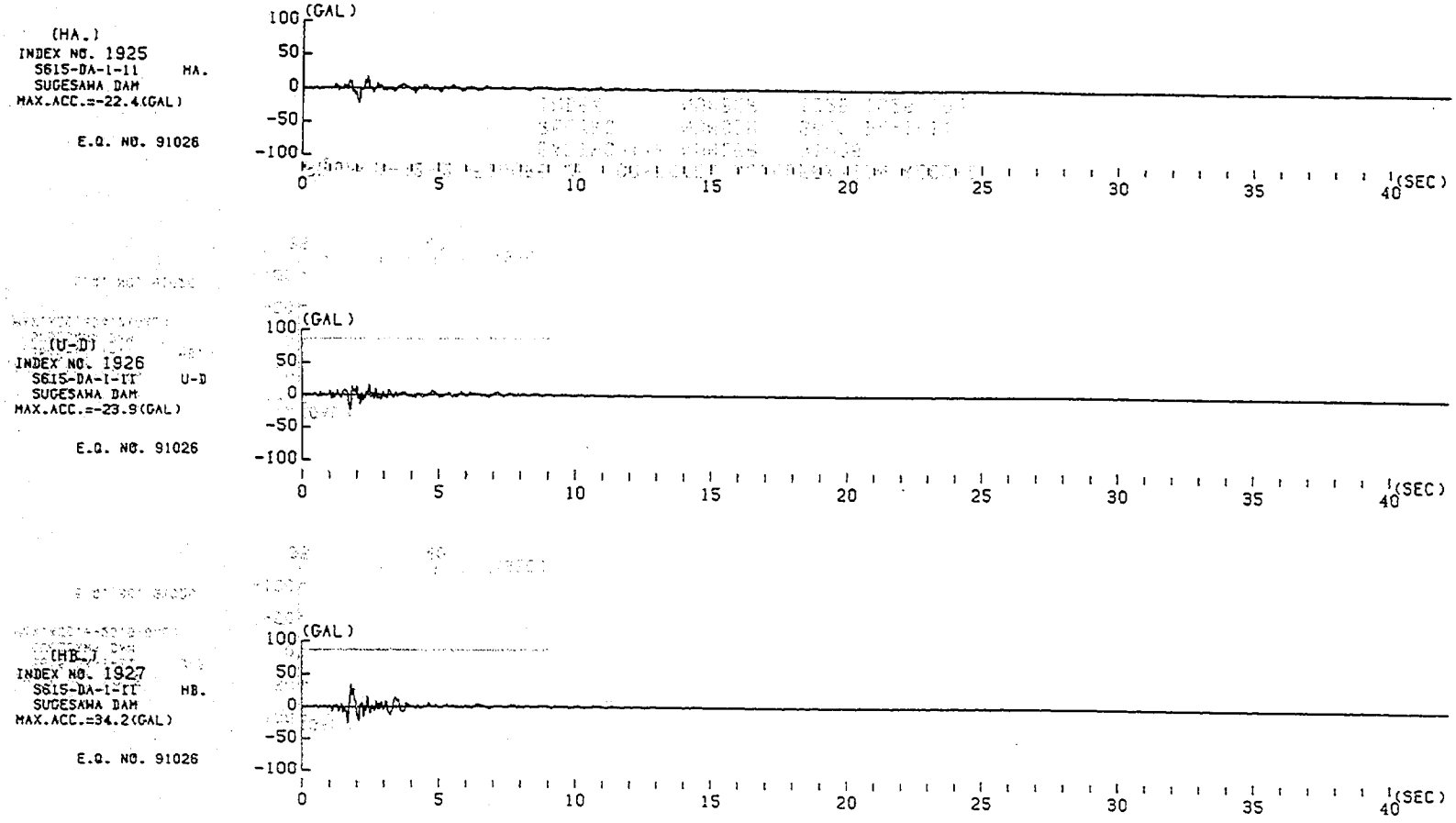
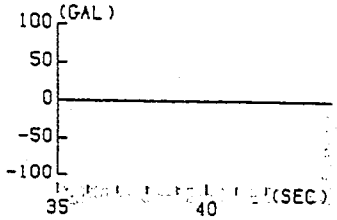


Figure 5—12—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91026
RECORD NUMBER S615-DA-1-11
INDEX NUMBER 1925 1926 1927

(12-1)

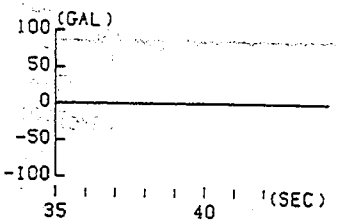
(HA.)
INDEX NO. 1925
S615-DA-1-11 HA.
SUGESAWA DAM
MAX.ACC.=-22.4(GAL)

E.Q. NO. 91026



(U-D)
INDEX NO. 1926
S615-DA-1-11 U-D
SUGESAWA DAM
MAX.ACC.=-23.9(GAL)

E.Q. NO. 91026



(HB.)
INDEX NO. 1927
S615-DA-1-11 HB.
SUGESAWA DAM
MAX.ACC.=34.2(GAL)

E.Q. NO. 91026

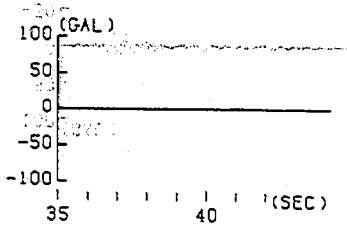


Figure 5—12—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91026
RECORD NUMBER S615-DA-1-11
INDEX NUMBER 1925 1926 1927

(12-2)

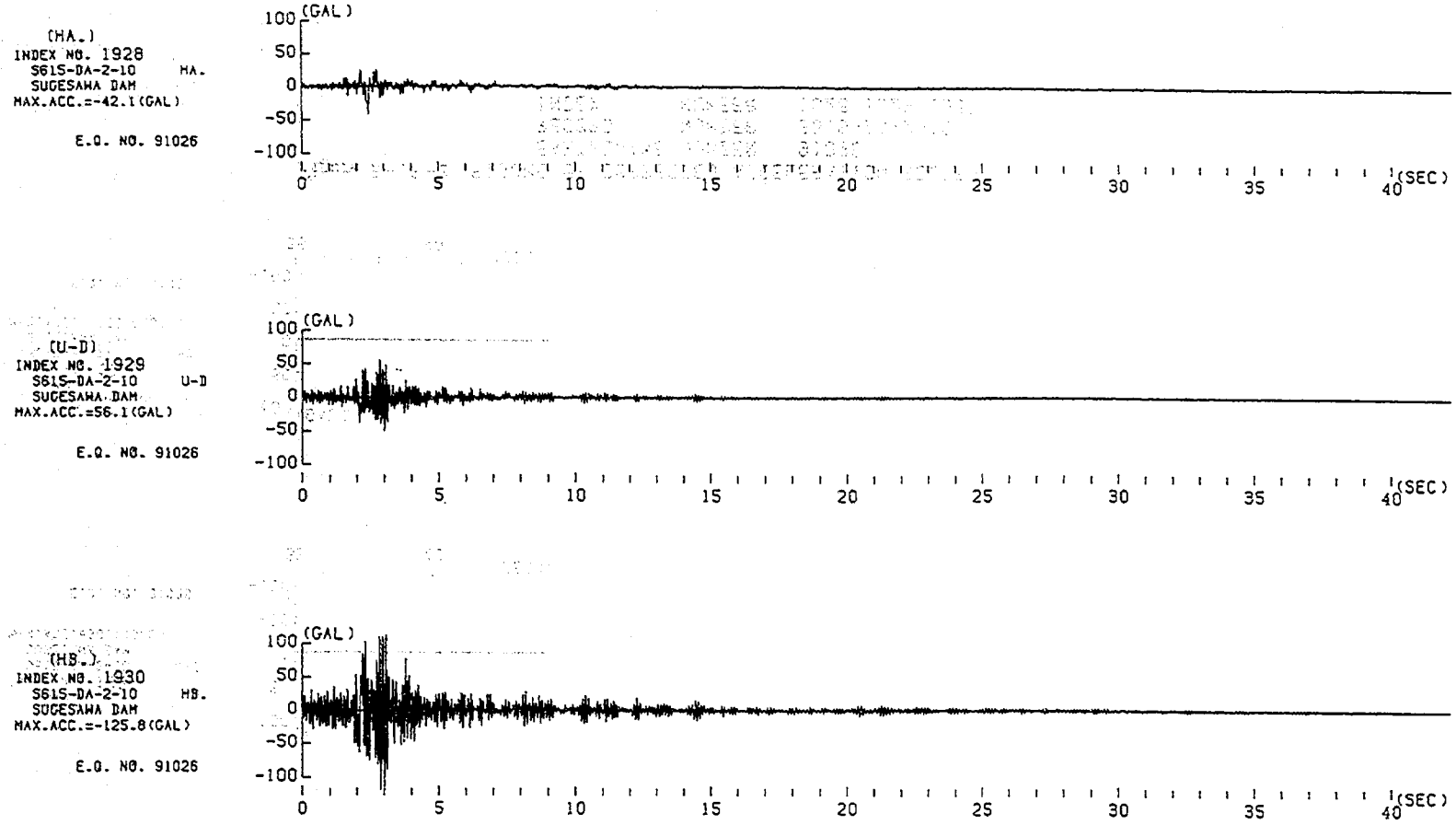


Figure 5—13—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91026
RECORD NUMBER S615-DA-2-10
INDEX NUMBER 1928 1929 1930

(13-1)

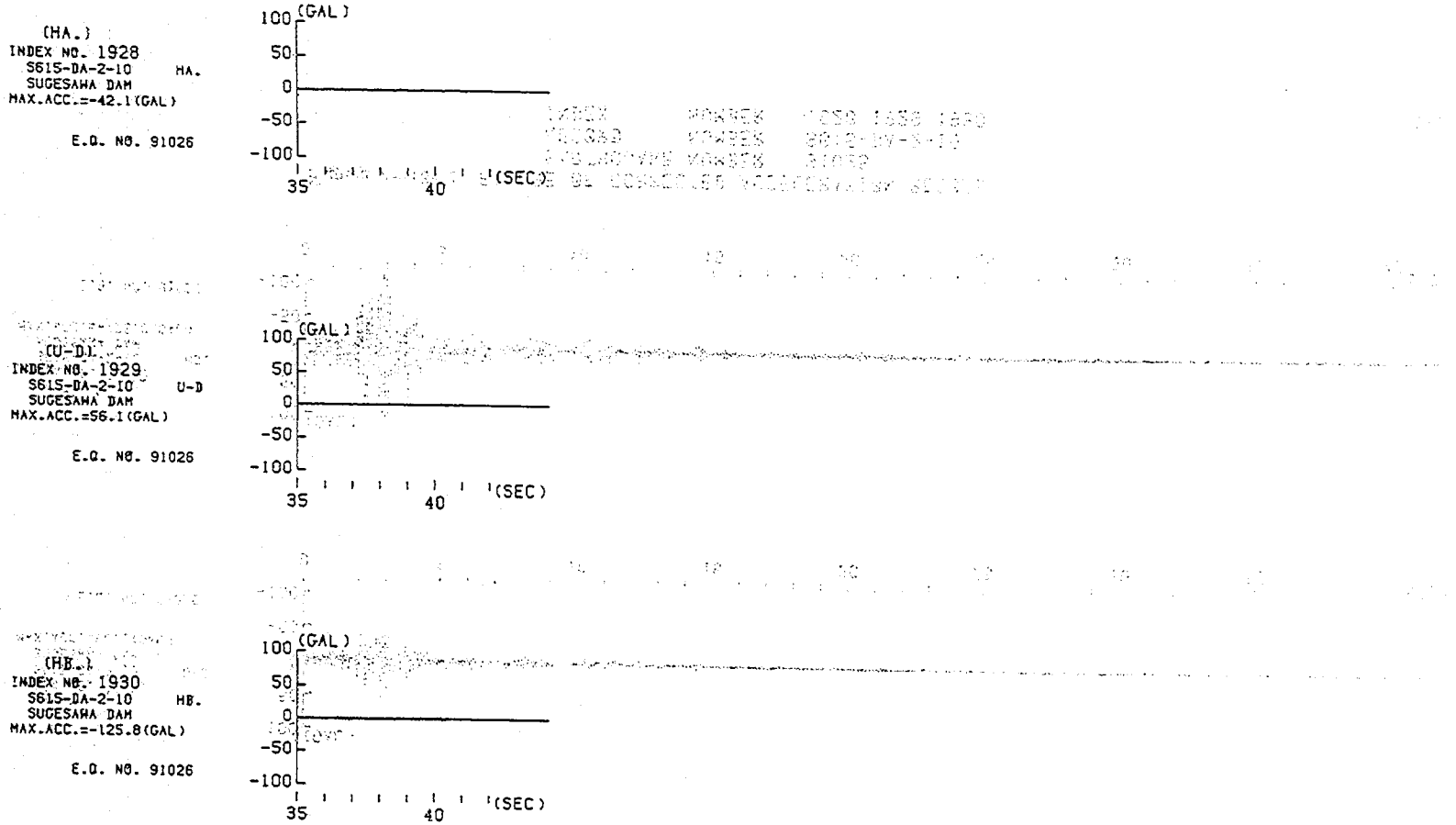


Figure 5—13—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91026
RECORD NUMBER S615-DA-2-10
INDEX NUMBER 1928 1929 1930

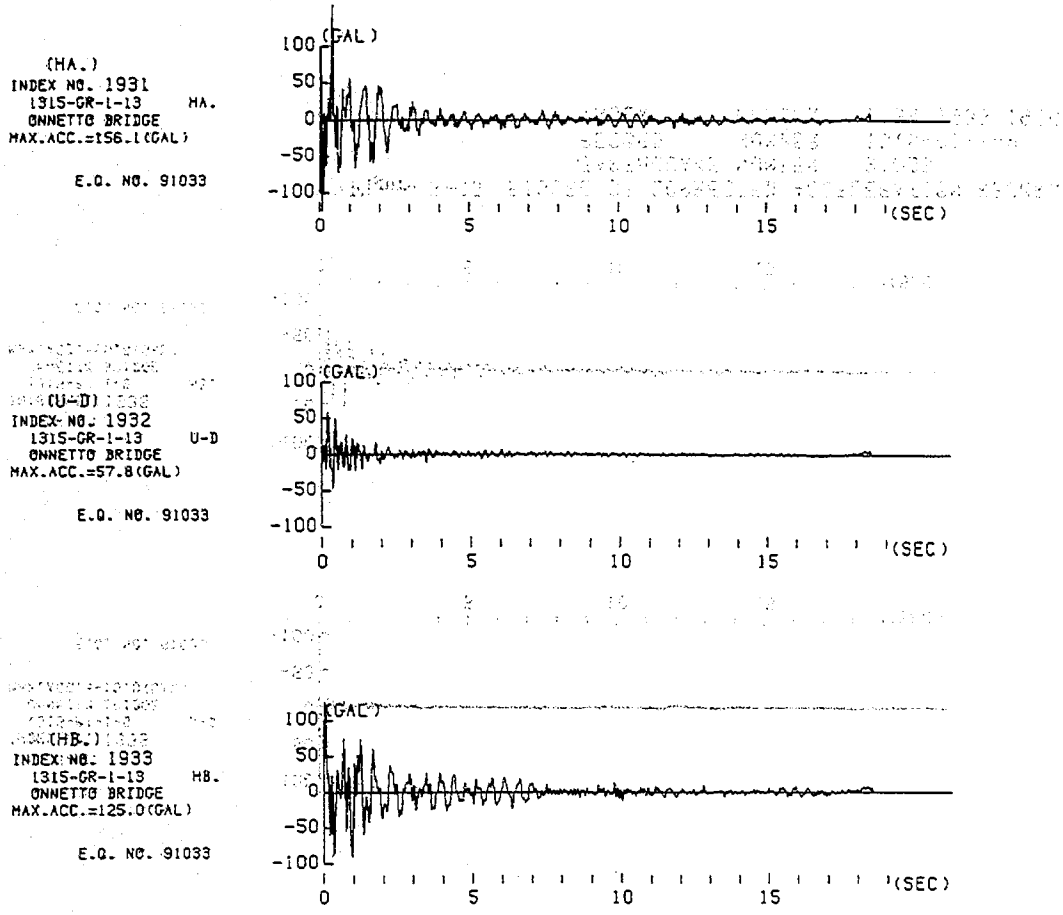


Figure 5—14 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91033
RECORD NUMBER 1315-GR-1-13
INDEX NUMBER 1931 1932 1933

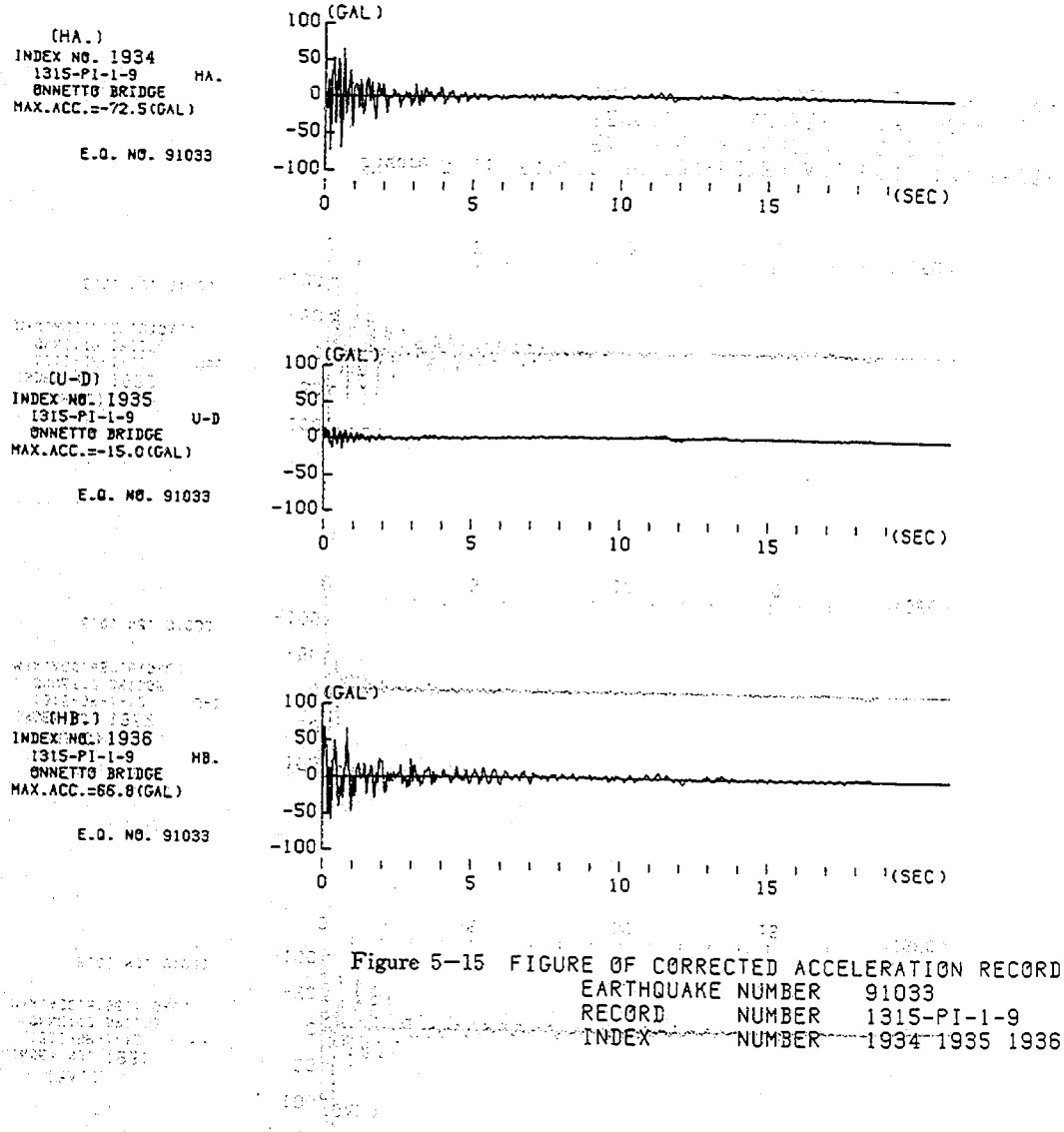


Figure 5—15 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91033
RECORD NUMBER 1315-PI-1-9
INDEX NUMBER 1934 1935 1936

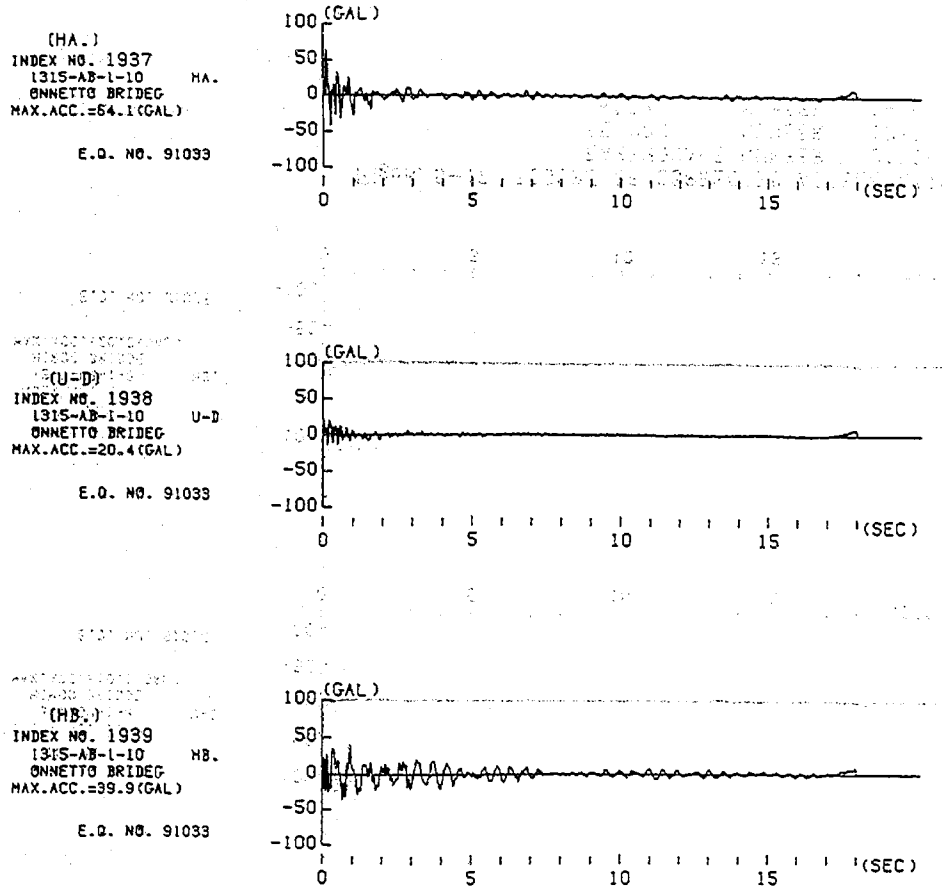


Figure 5—16 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91033
RECORD NUMBER 1315-AB-1-10
INDEX NUMBER 1937 1938 1939

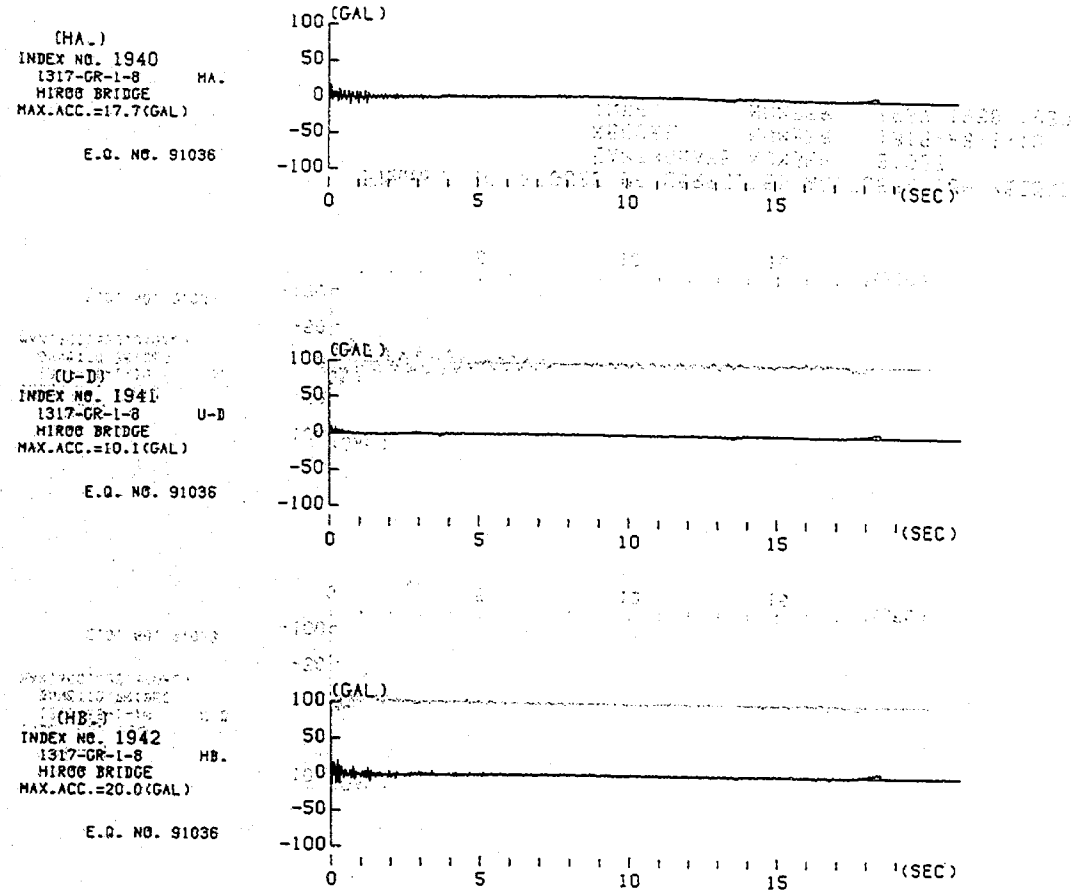


Figure 5—17 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91036
RECORD NUMBER 1317-GR-1-8
INDEX NUMBER 1940 1941 1942

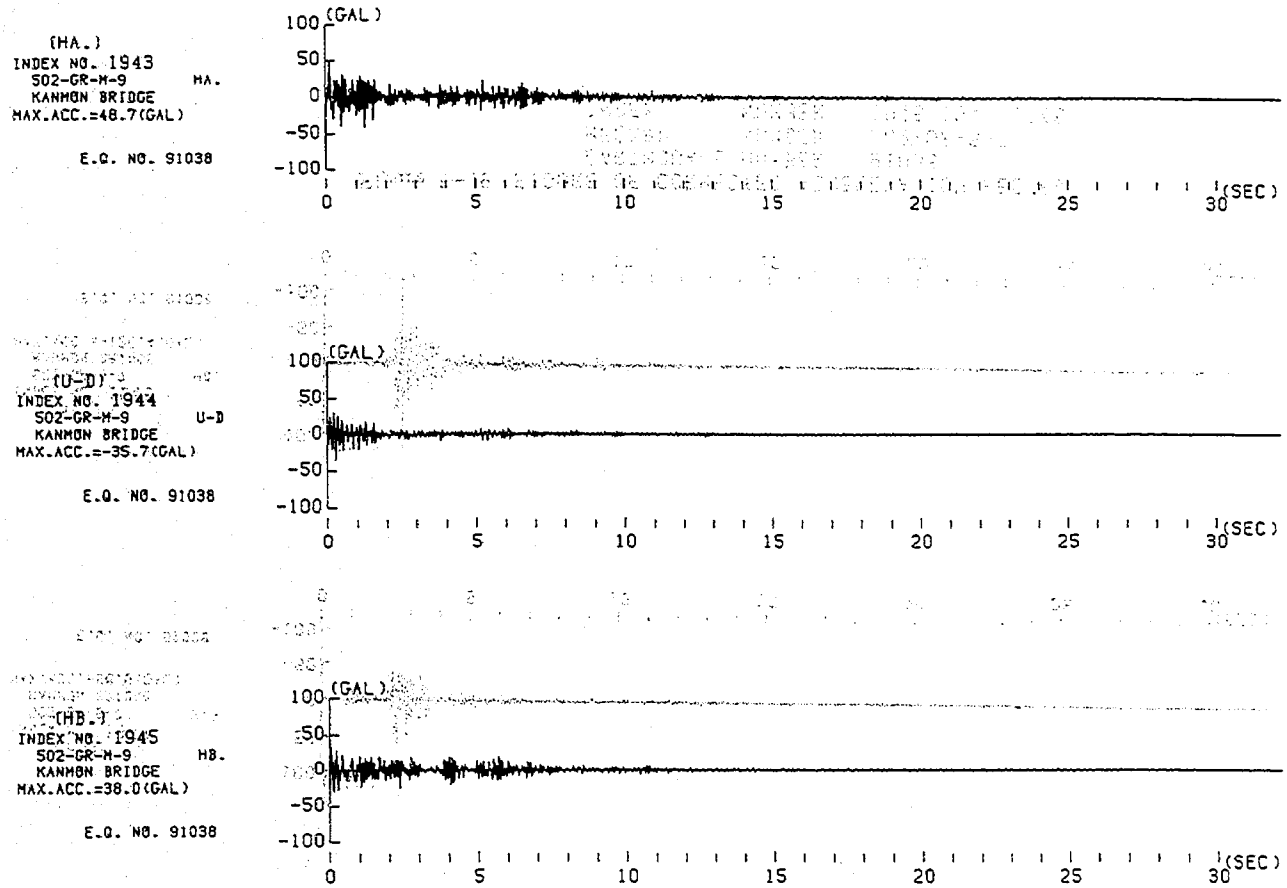


Figure 5—18 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91038
RECORD NUMBER SO2-GR-M-9
INDEX NUMBER 1943 1944 1945

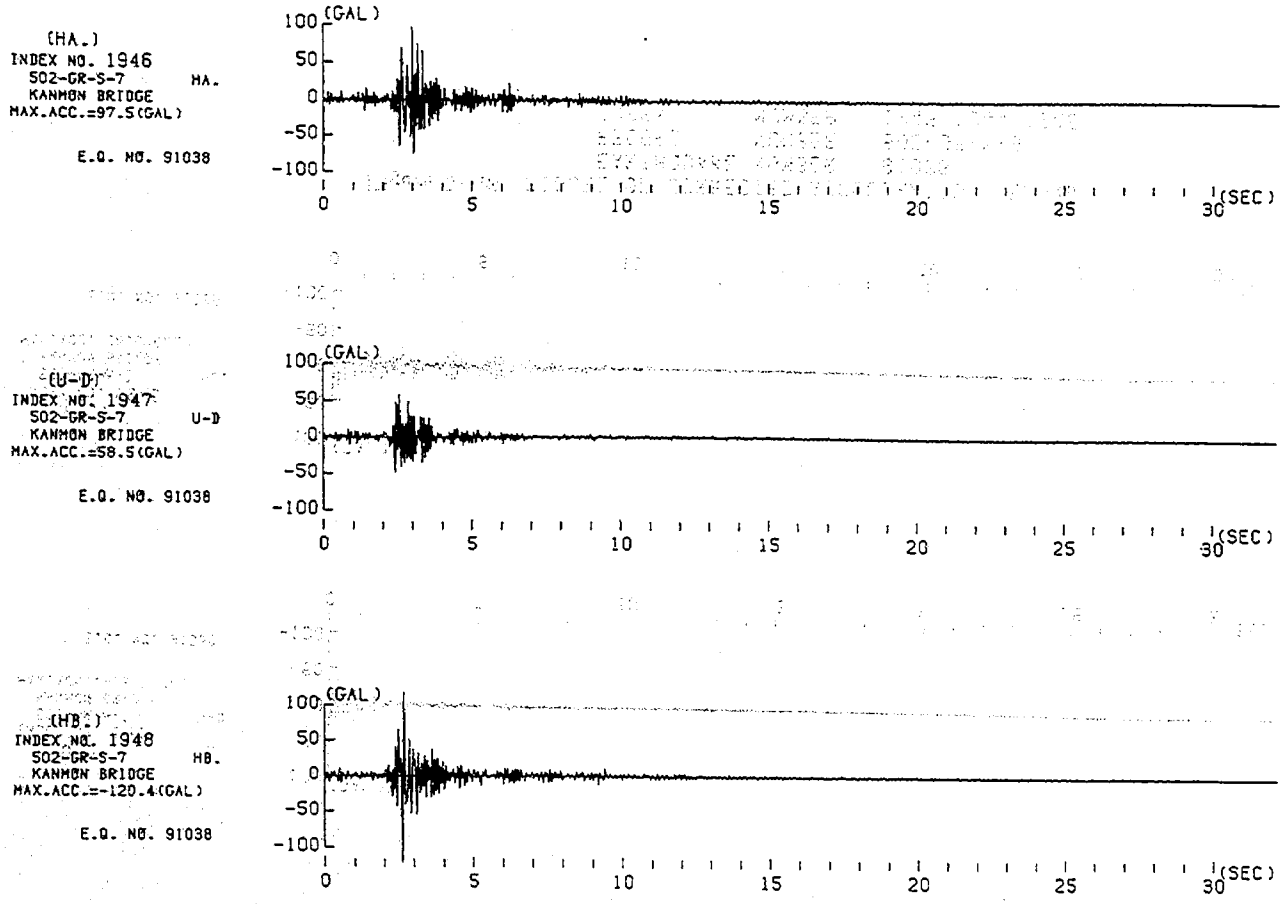


Figure 5—19 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91038
RECORD NUMBER 502-GR-S-7
INDEX NUMBER 1946 1947 1948

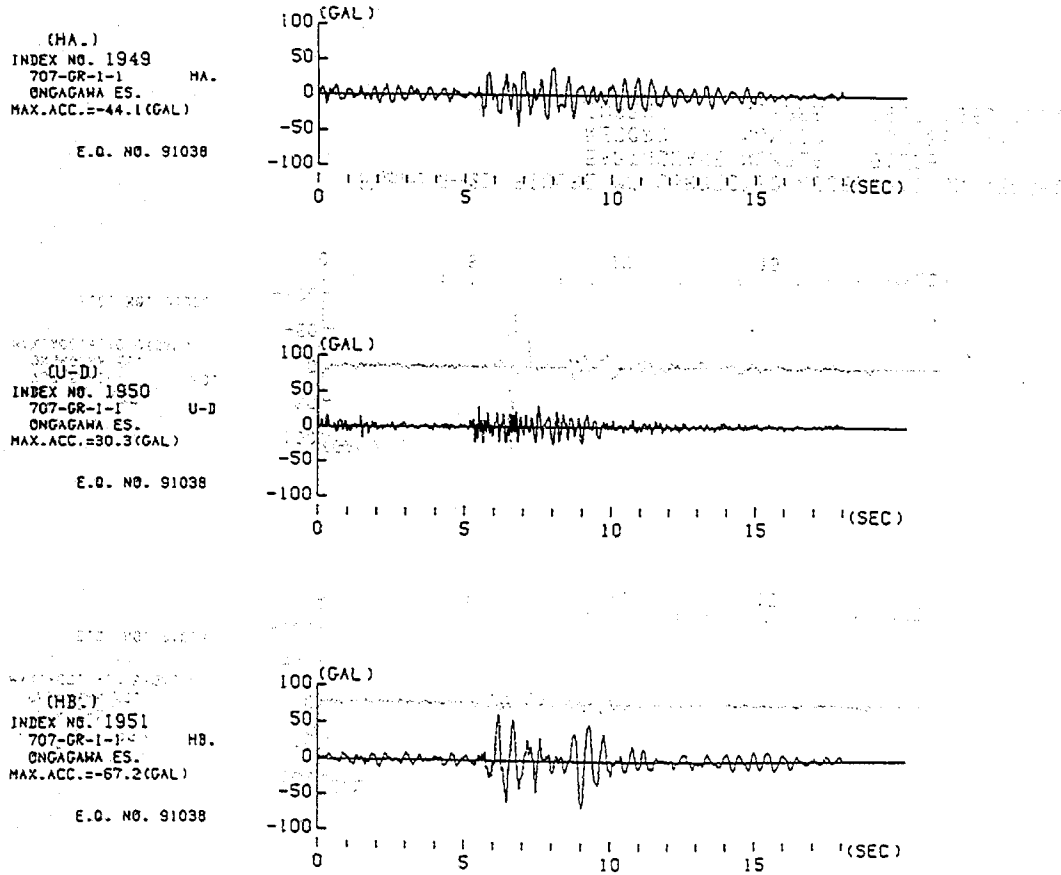


Figure 5—20 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91038
RECORD NUMBER 707-GR-1-1
INDEX NUMBER 1949 1950 1951

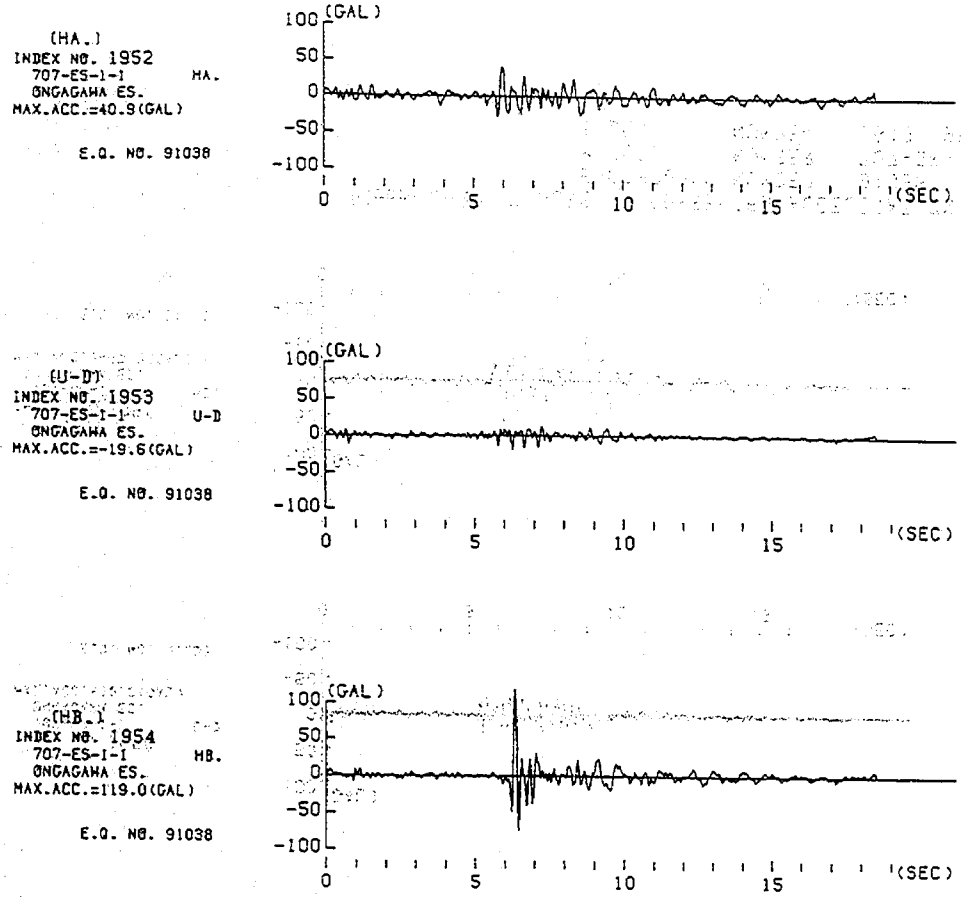


Figure 5—21 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91038
RECORD NUMBER 707-ES-1-1
INDEX NUMBER 1952 1953 1954

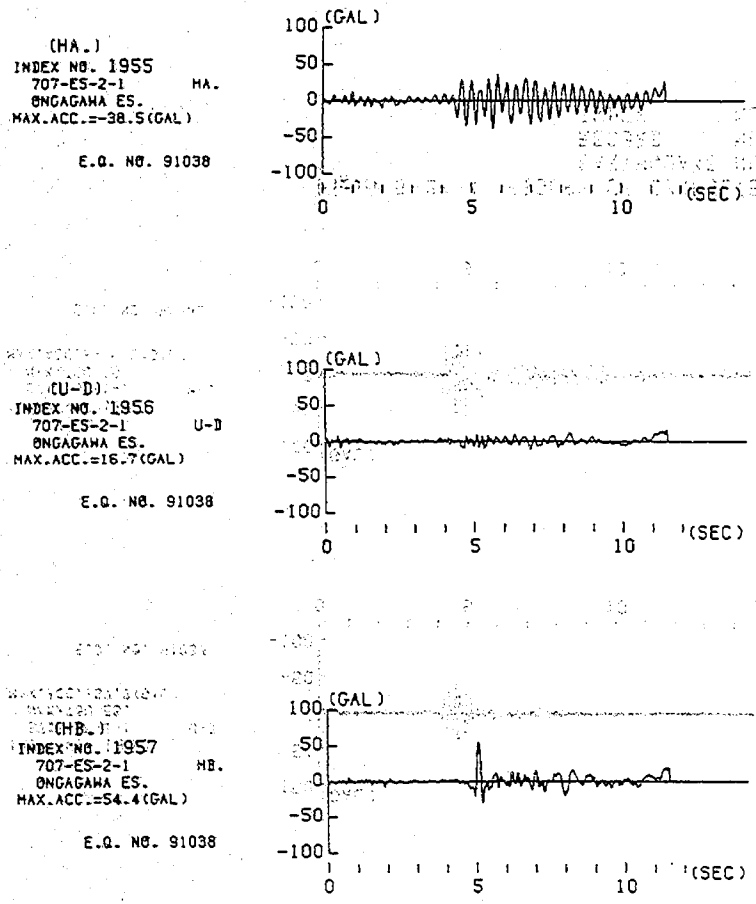


Figure 5—22 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91038
RECORD NUMBER 707-ES-2-1
INDEX NUMBER 1955 1956 1957

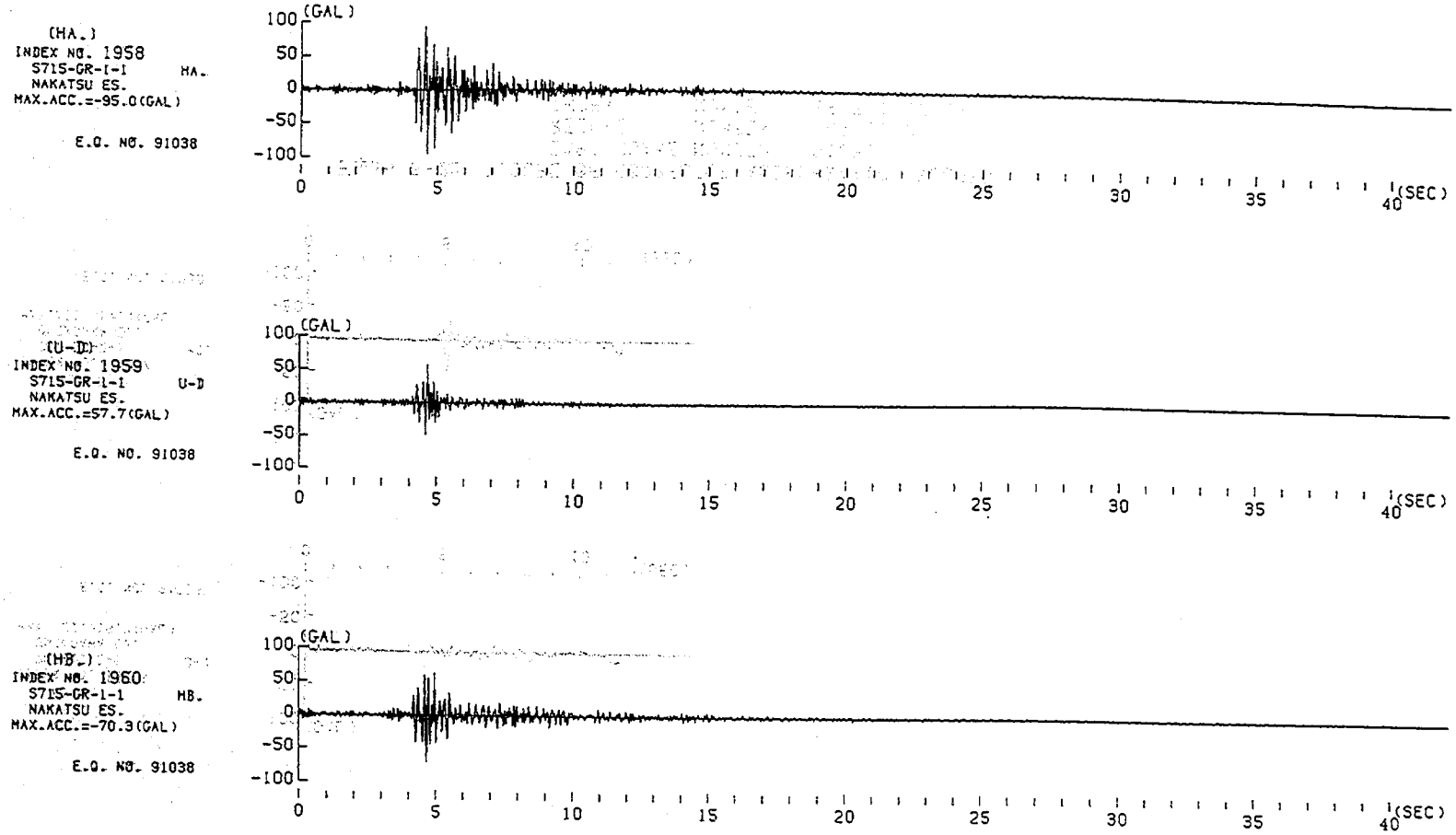


Figure 5—23—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91038
RECORD NUMBER S715-GR-1-1
INDEX NUMBER 1958 1959 1960

(23-1)

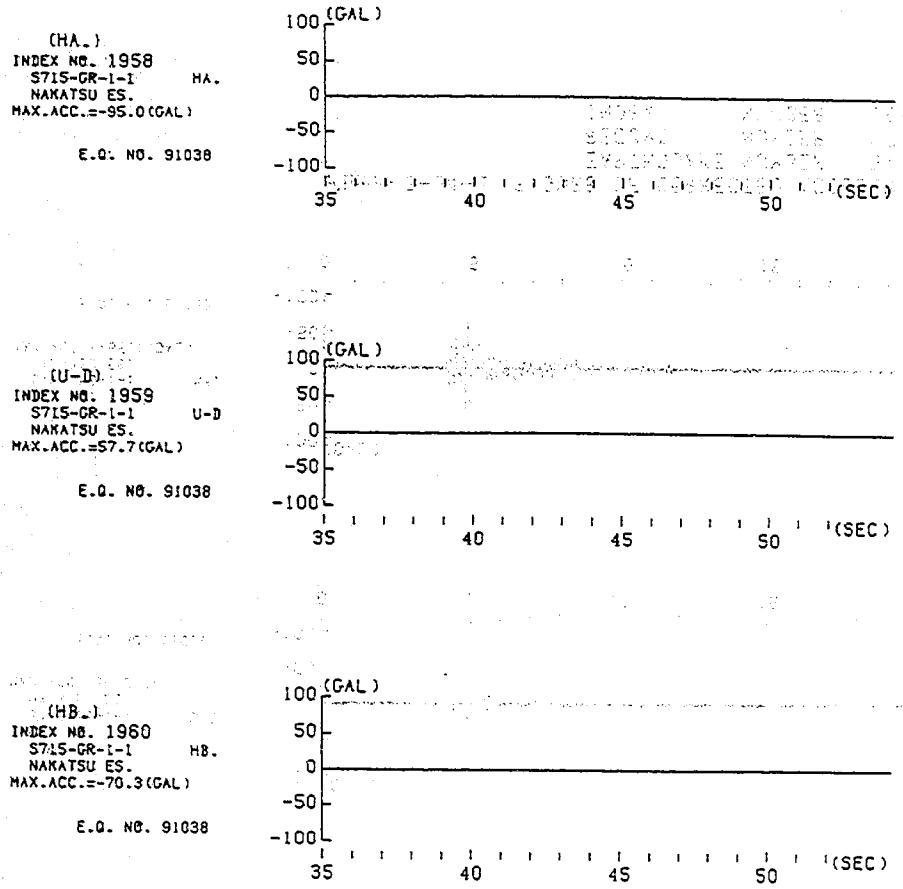


Figure 5—23—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91038
RECORD NUMBER S715-GR-1-1
INDEX NUMBER 1958 1959 1960

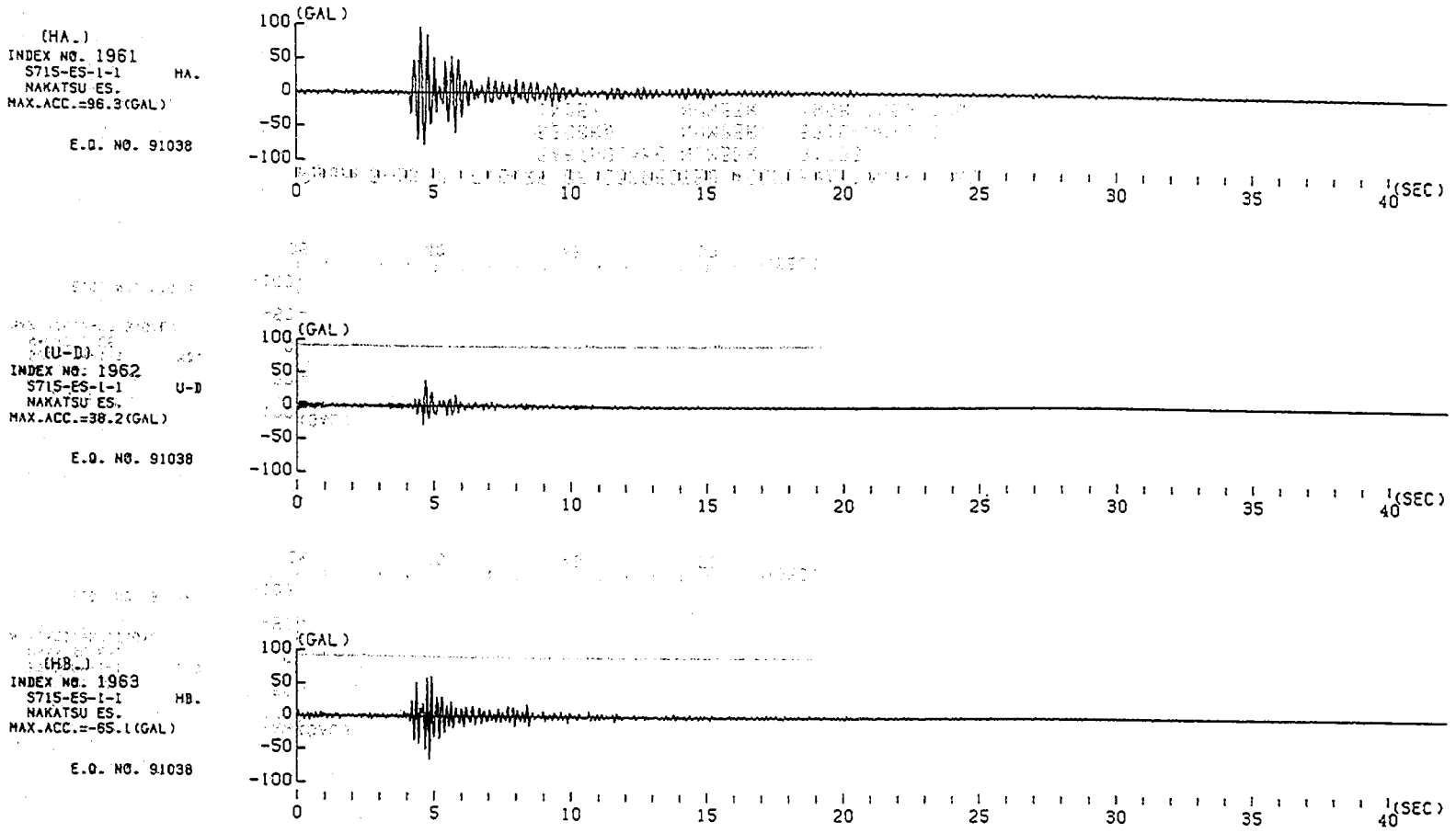


Figure 5—24—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91038
RECORD NUMBER S715-ES-1-1
INDEX NUMBER 1961 1962 1963

(24-1)

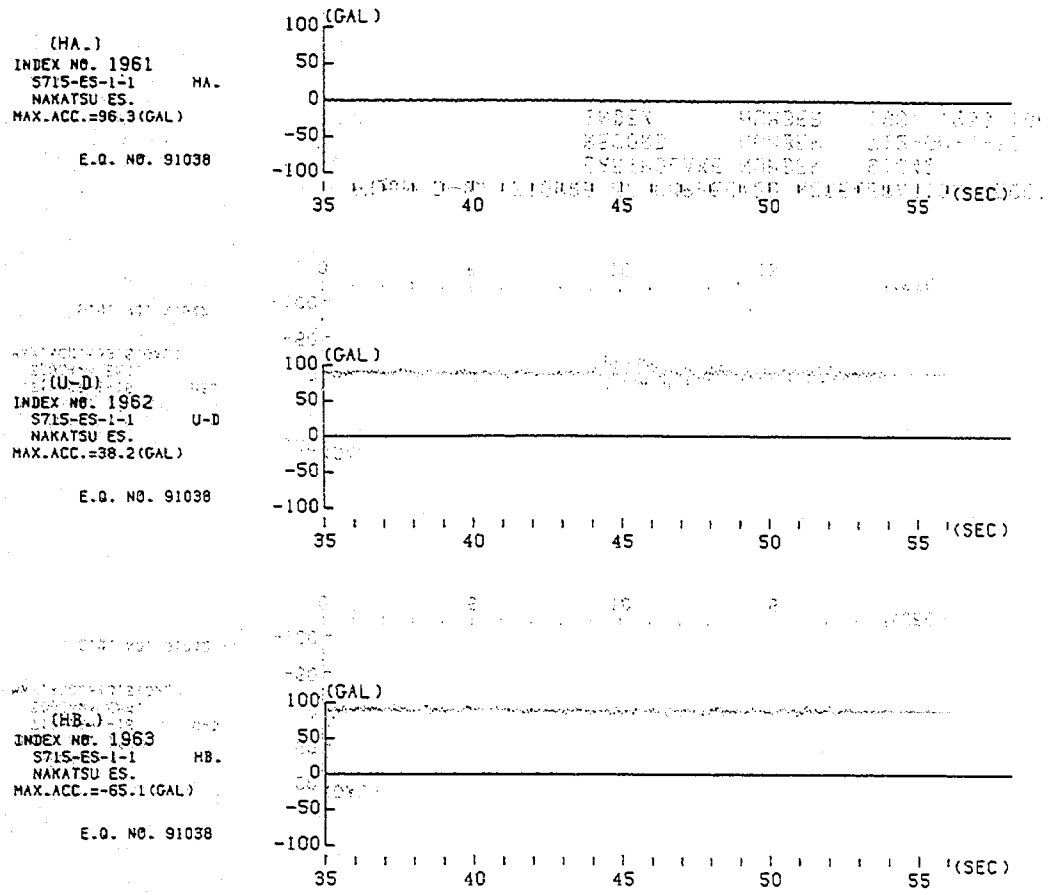


Figure 5—24—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91038
RECORD NUMBER S715-ES-1-1
INDEX NUMBER 1961 1962 1963

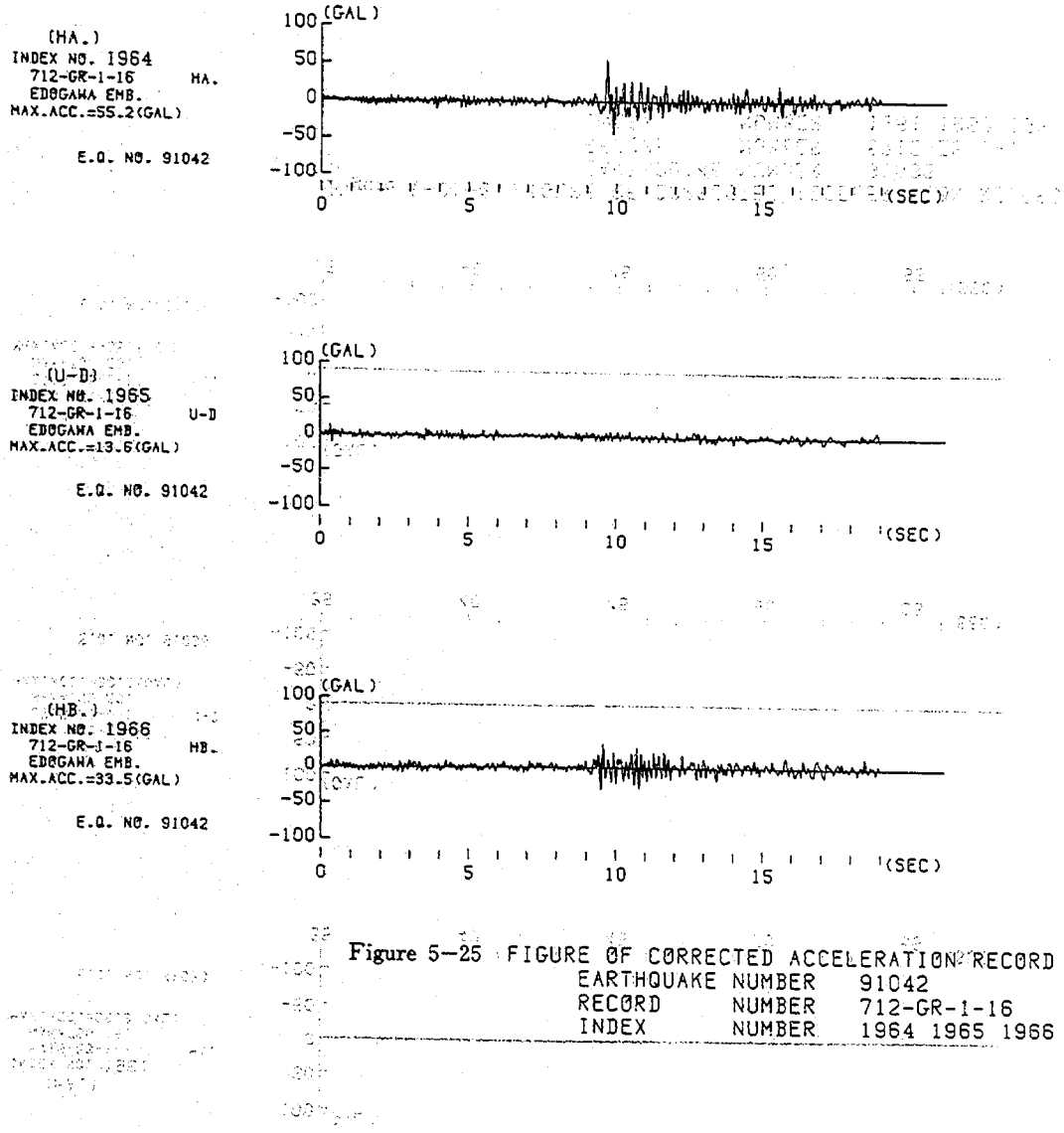


Figure 5—25 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91042
RECORD NUMBER 712-GR-1-16
INDEX NUMBER 1964 1965 1966

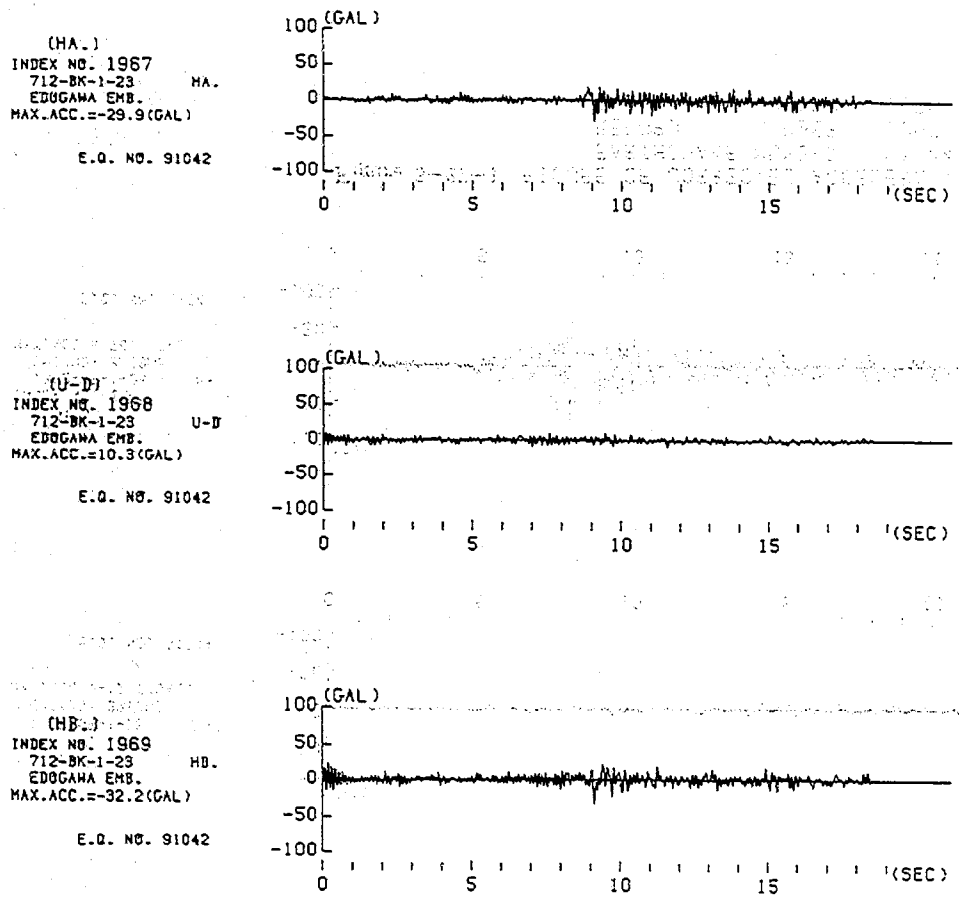


Figure 5—26 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91042
RECORD NUMBER 712-BK-1-23
INDEX NUMBER 1967 1968 1969

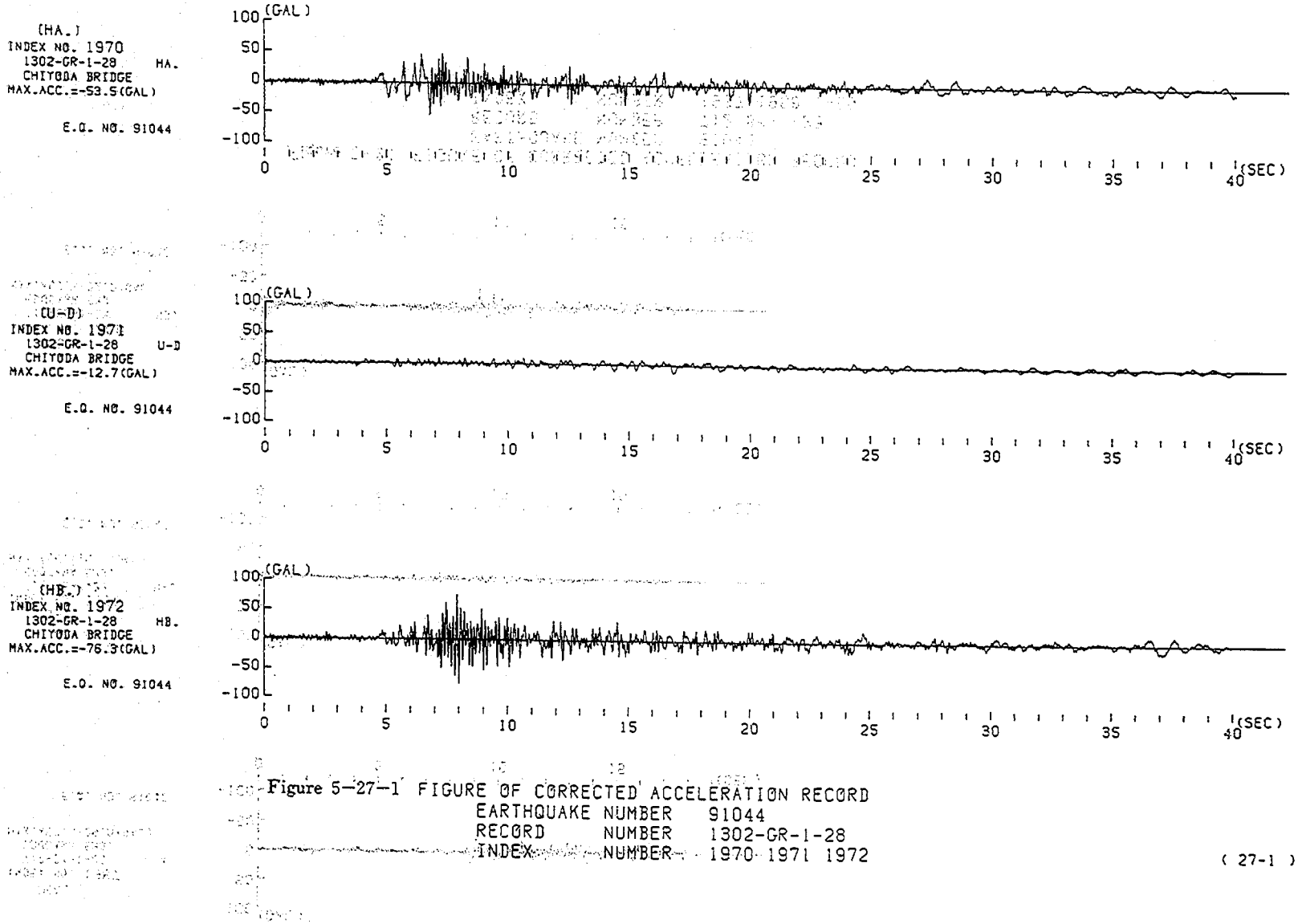


Figure 5—27—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91044
RECORD NUMBER 1302-GR-1-28
INDEX NUMBER 1970 1971 1972

(27-1)

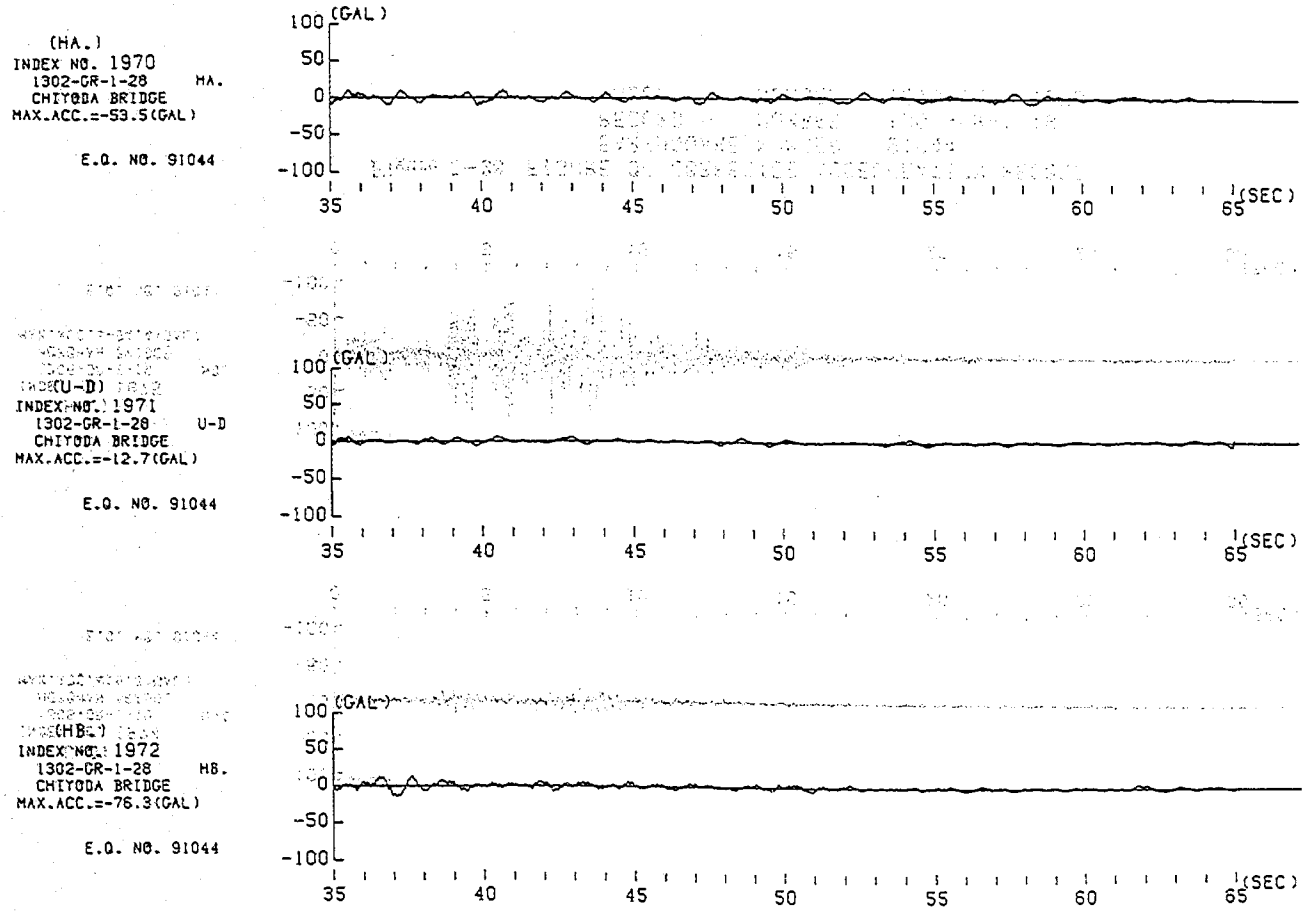


Figure 5—27—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91044
RECORD NUMBER 1302-GR-1-28
INDEX NUMBER 1970 1971 1972

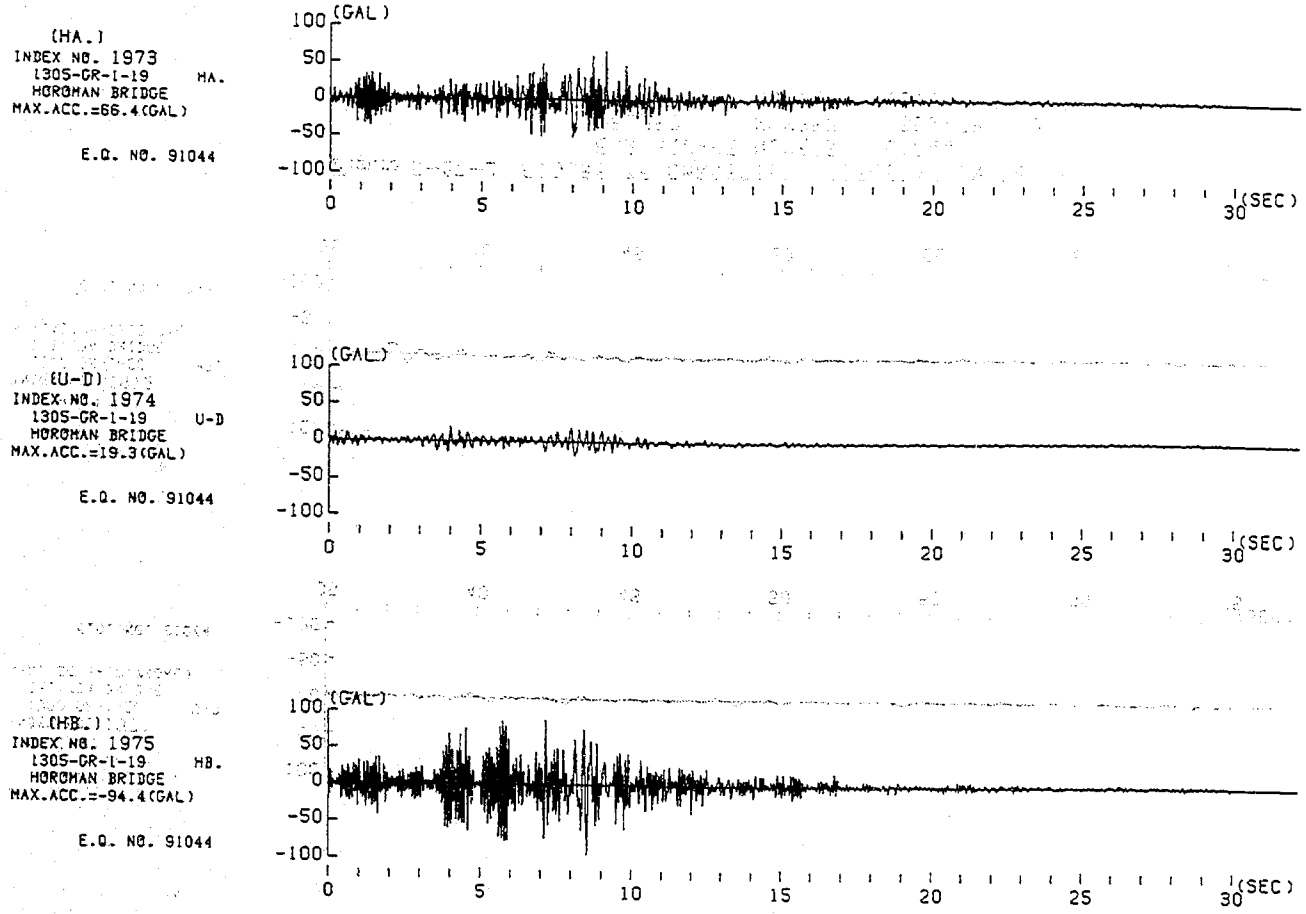


Figure 5—28 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91044
RECORD NUMBER 1305-GR-1-19
INDEX NUMBER 1973 1974 1975

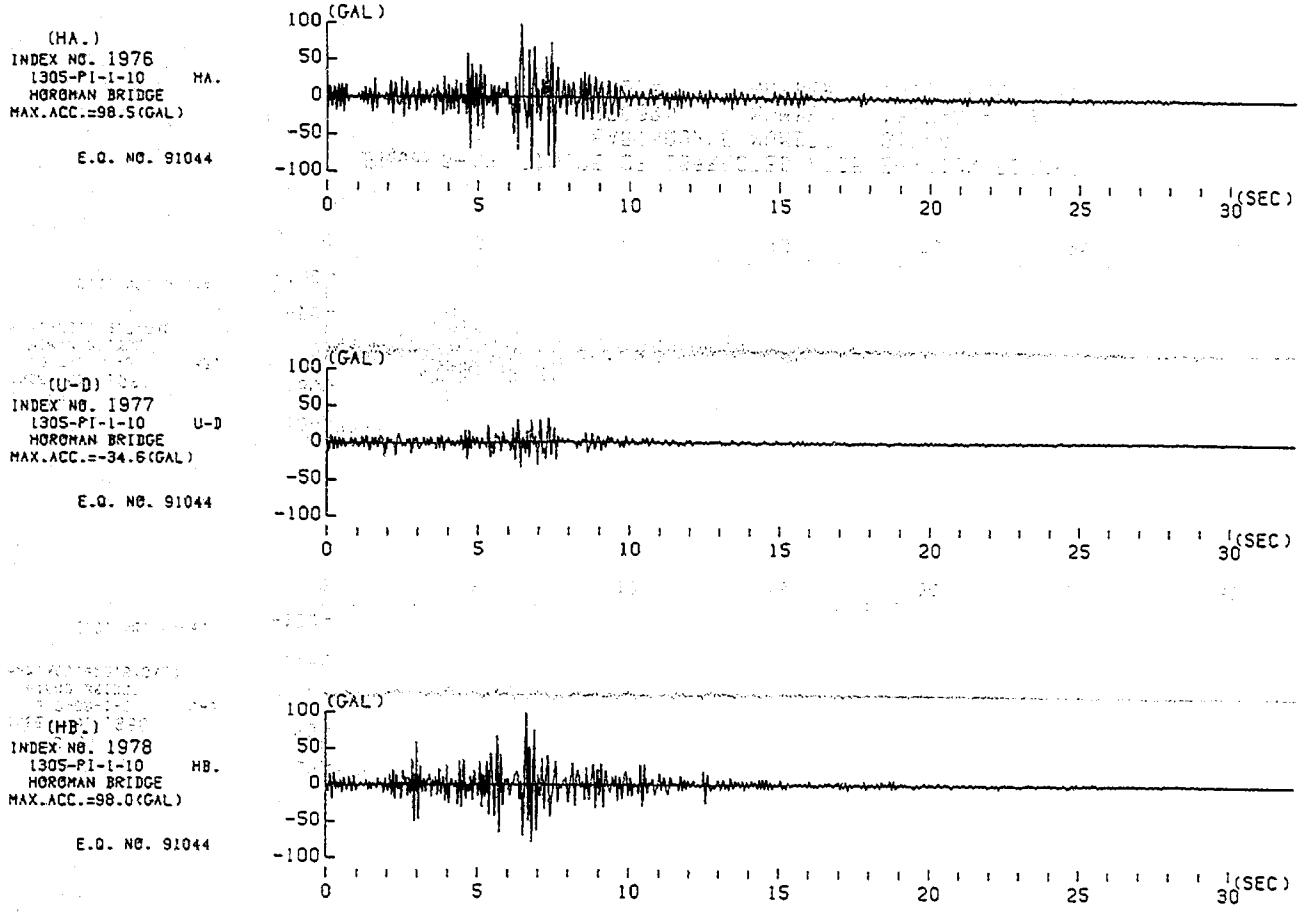


Figure 5—29 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91044
RECORD NUMBER 1305-PI-1-10
INDEX NUMBER 1976 1977 1978

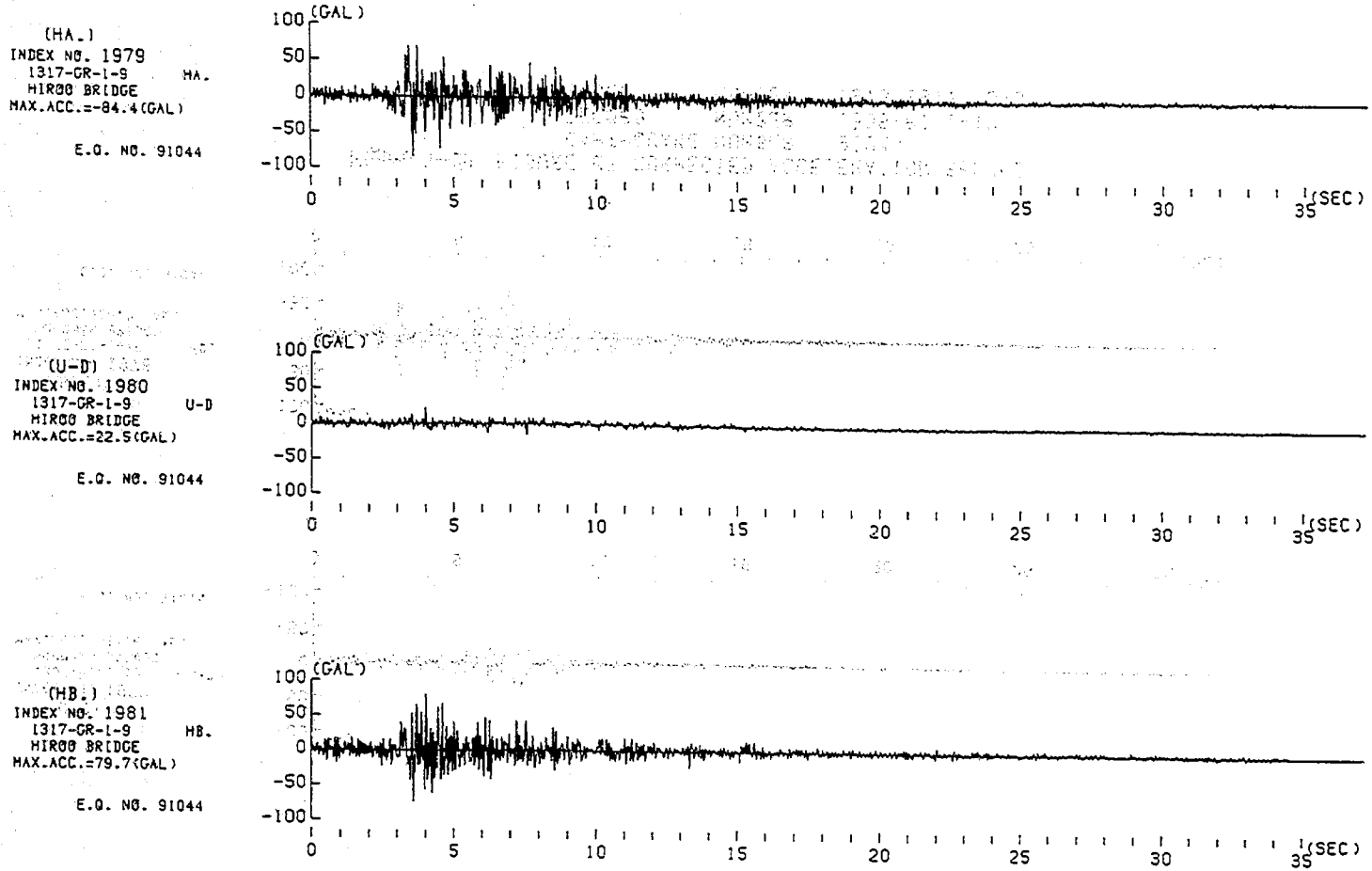


Figure 5—30 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91044
RECORD NUMBER 1317-GR-1-9
INDEX NUMBER 1979 1980 1981

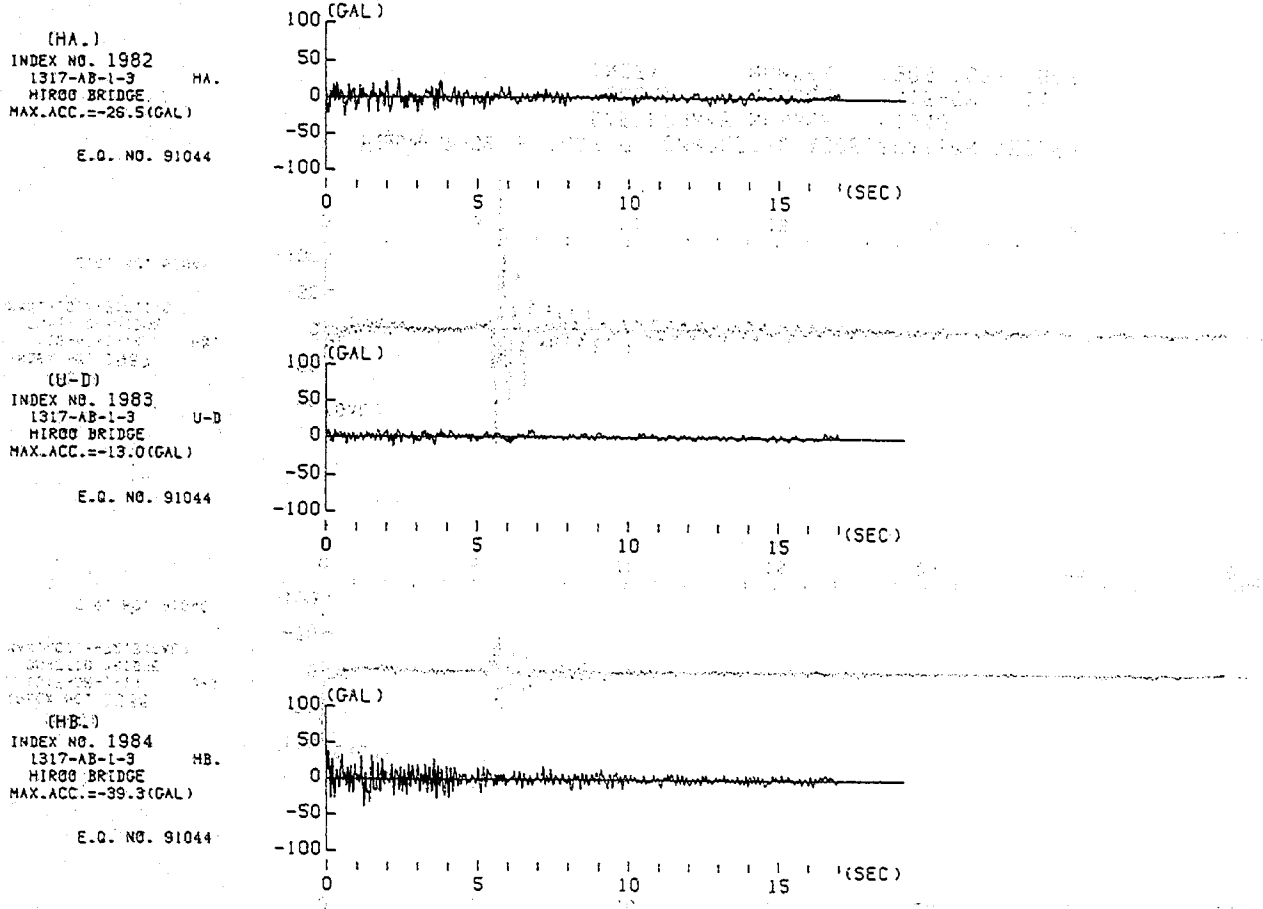


Figure 5—31 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91044
RECORD NUMBER 1317-AB-1-3
INDEX NUMBER 1982 1983 1984

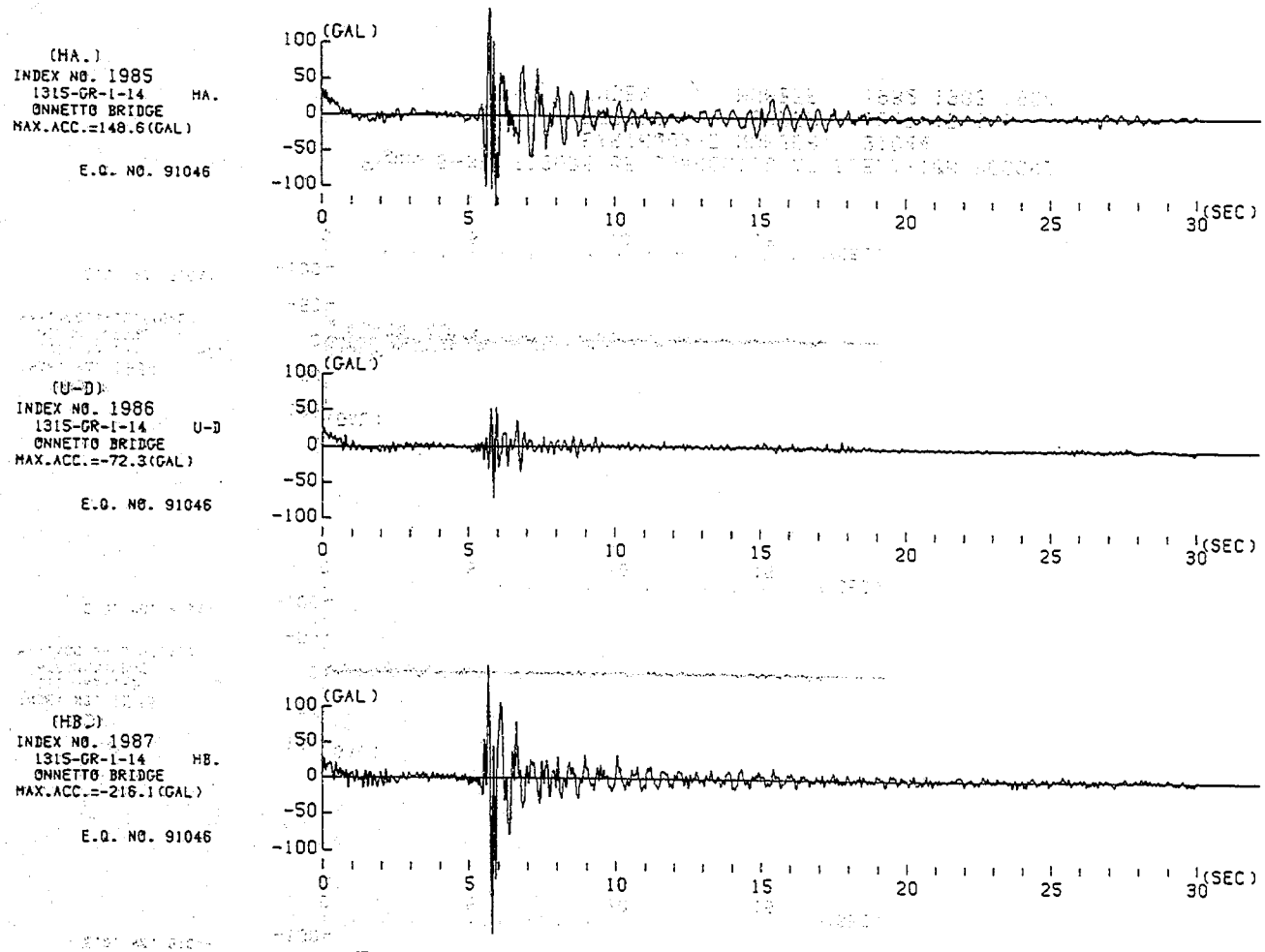


Figure 5—32 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91046
RECORD NUMBER 1315-GR-1-14
INDEX NUMBER 1985 1986 1987

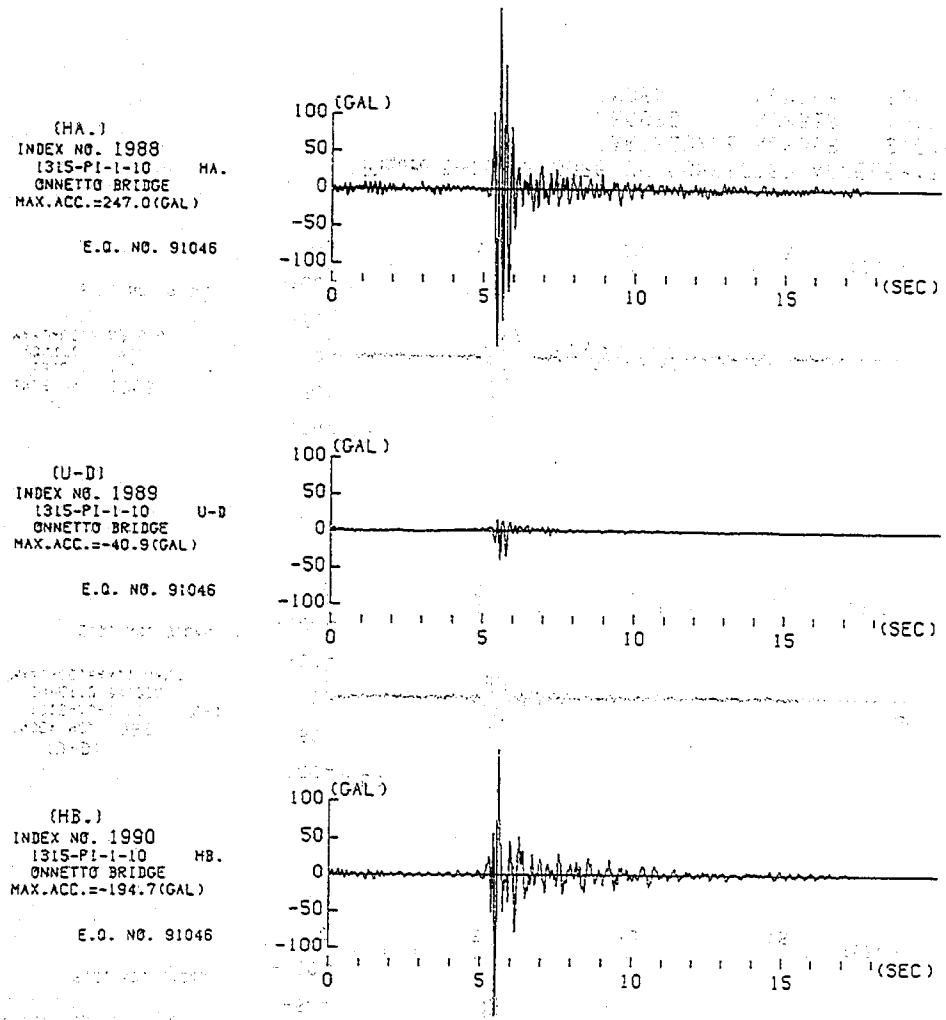


Figure 5—33 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91046
RECORD NUMBER 1315-PI-1-10
INDEX NUMBER 1988 1989 1990

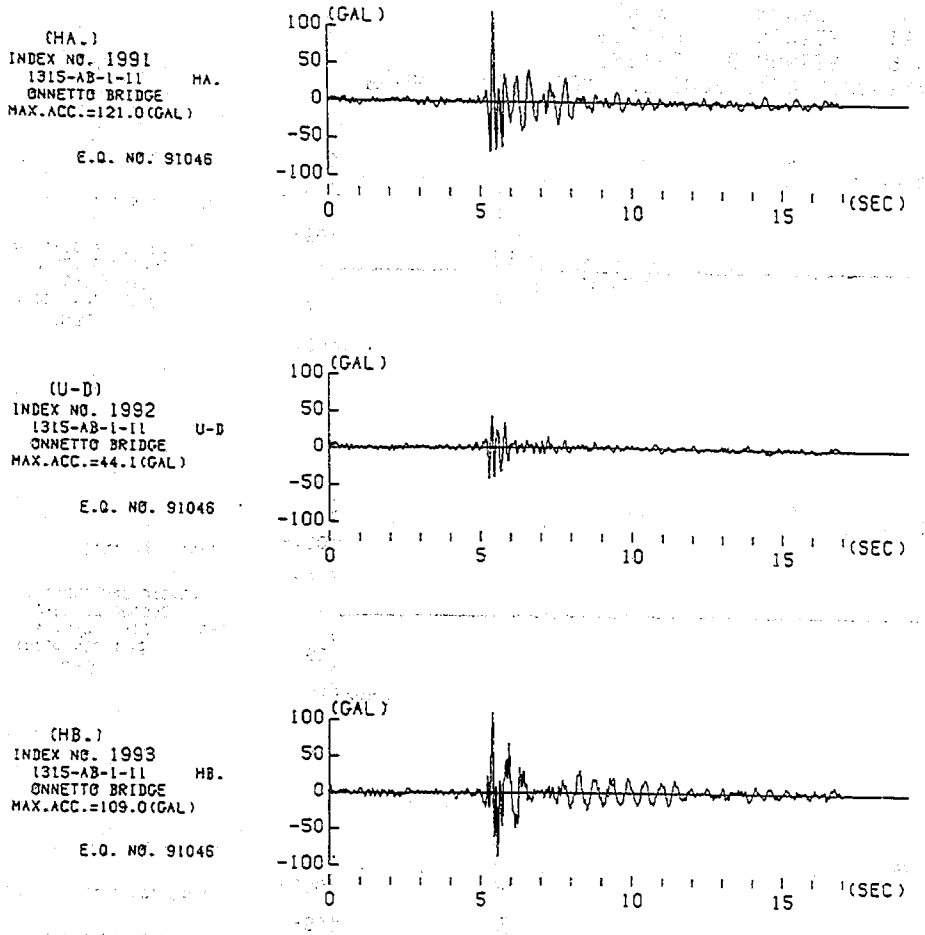


Figure 5—34 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 91046
RECORD NUMBER 1315-AB-1-11
INDEX NUMBER 1991 1992 1993

6. 加速度応答スペクトル倍率

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



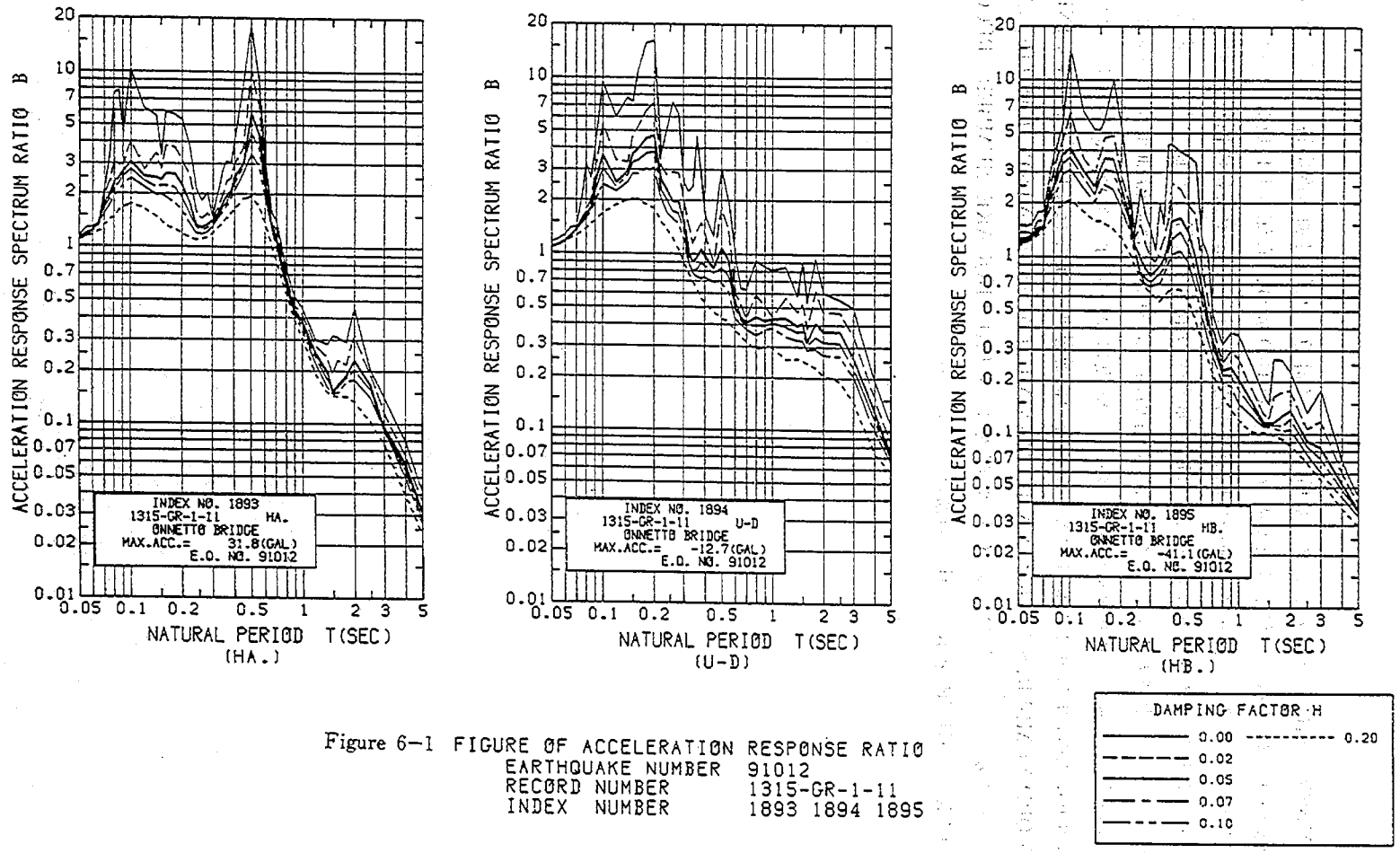


Figure 6—1 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91012
RECORD NUMBER 1315-GR-1-11
INDEX NUMBER 1893 1894 1895

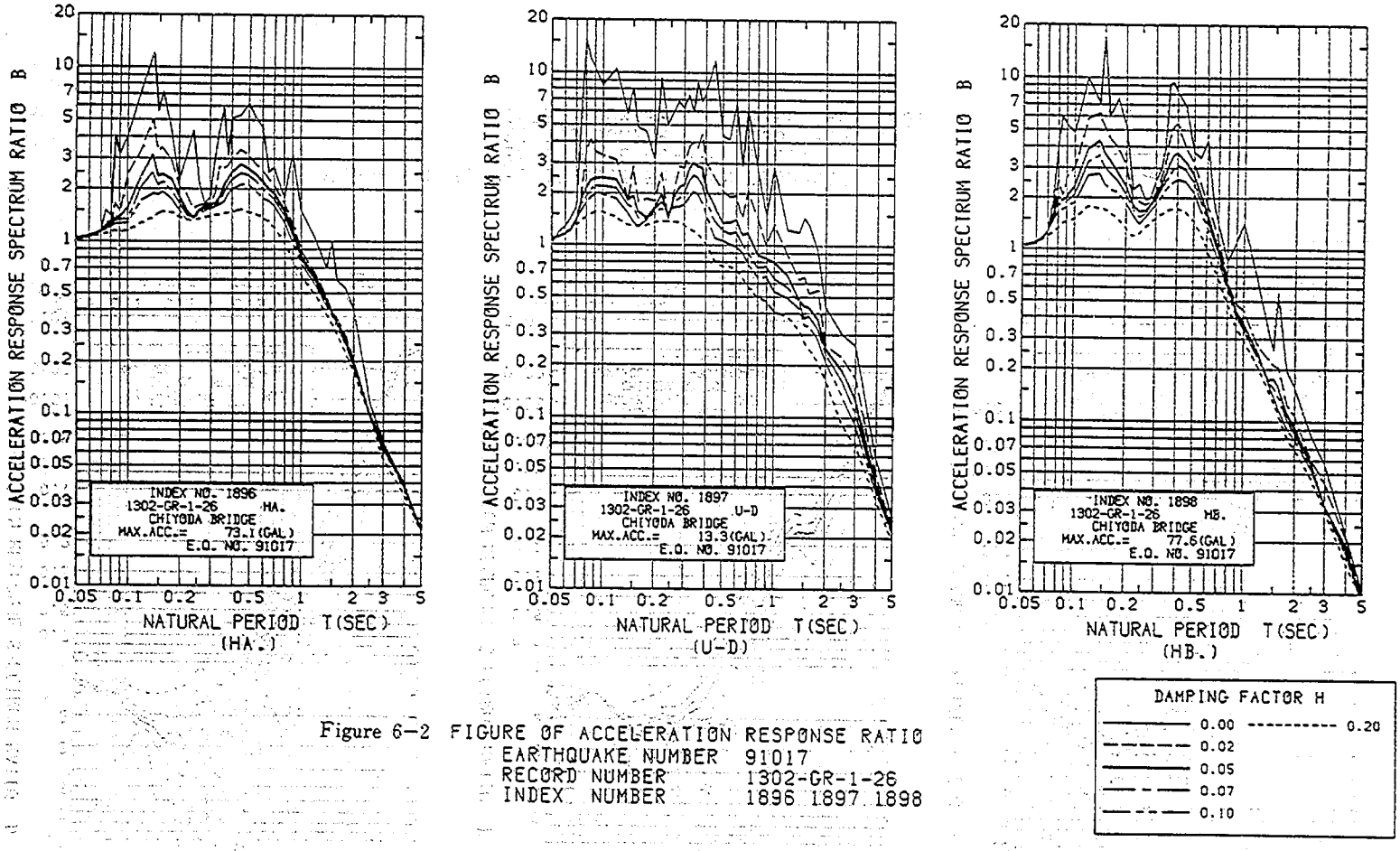


Figure 6—2 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91017
RECORD NUMBER 1302-GR-1-26
INDEX NUMBER 1896 1897 1898

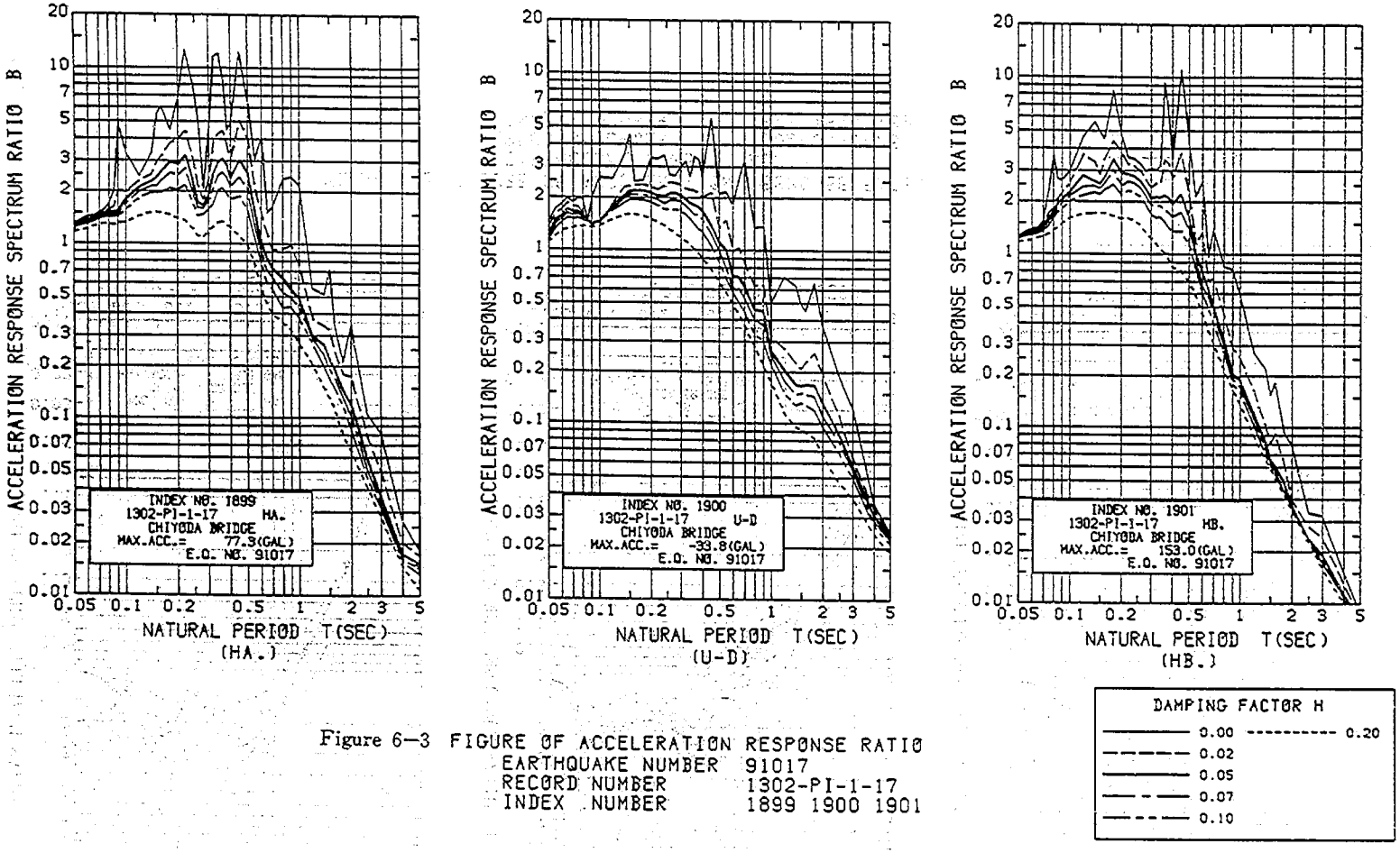


Figure 6—3 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91017
RECORD NUMBER 1302-PI-1-17
INDEX NUMBER 1899 1900 1901

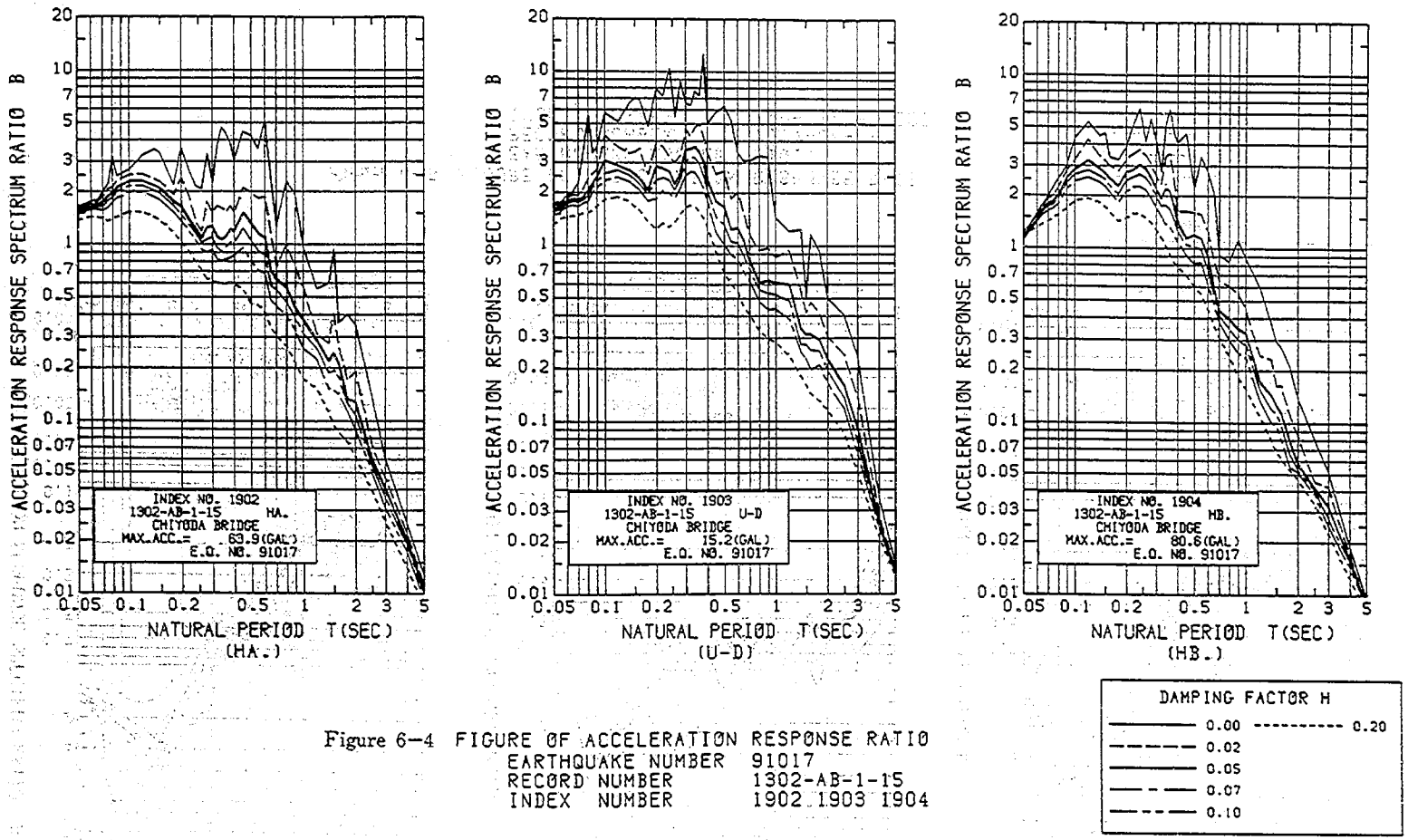


Figure 6—4 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91017
RECORD NUMBER 1302-AB-1-15
INDEX NUMBER 1902 1903 1904

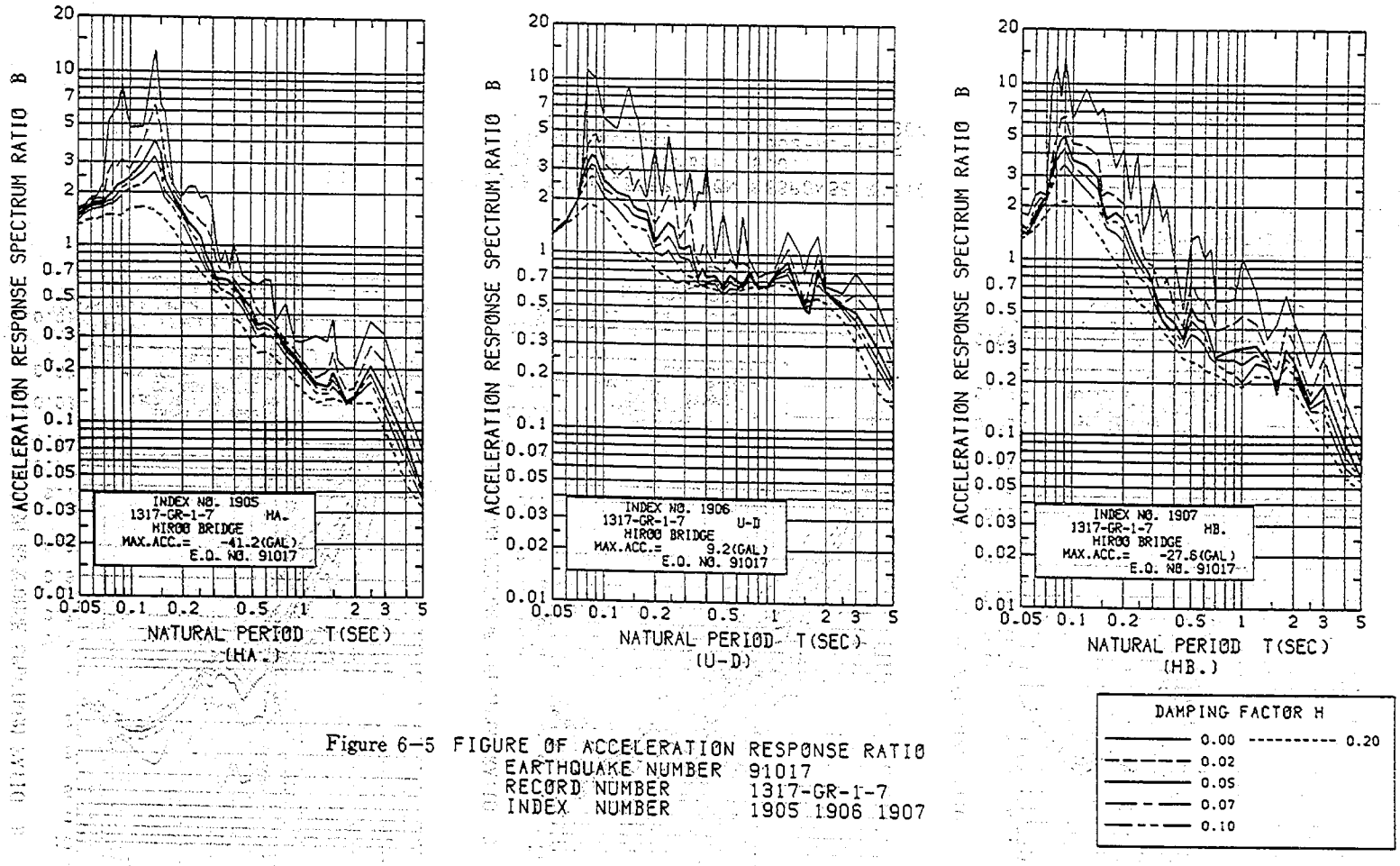


Figure 6–5 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91017
RECORD NUMBER 1317-GR-1-7
INDEX NUMBER 1905 1906 1907

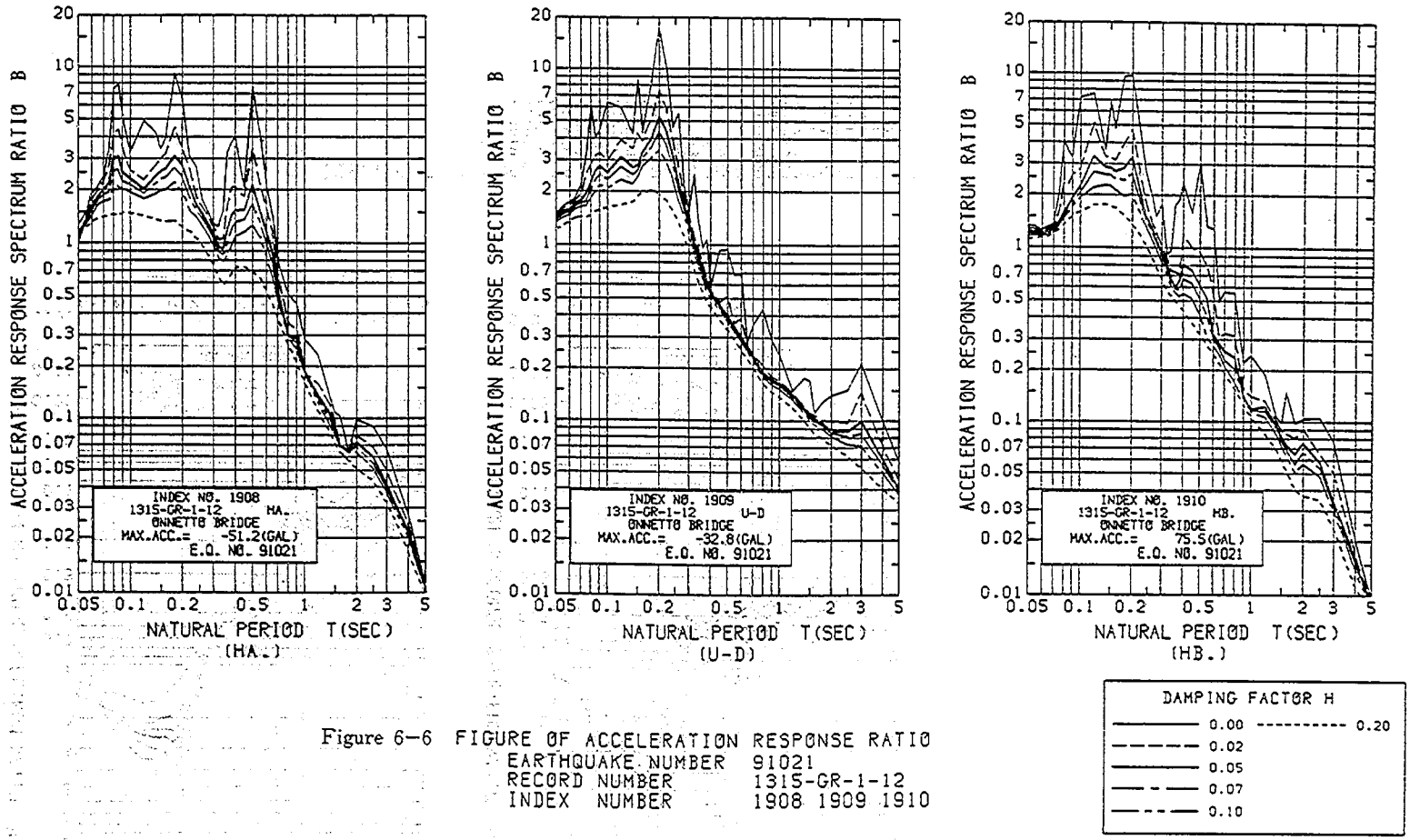


Figure 6—6 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91021
RECORD NUMBER 1315-GR-1-12
INDEX NUMBER 1908 1909 1910

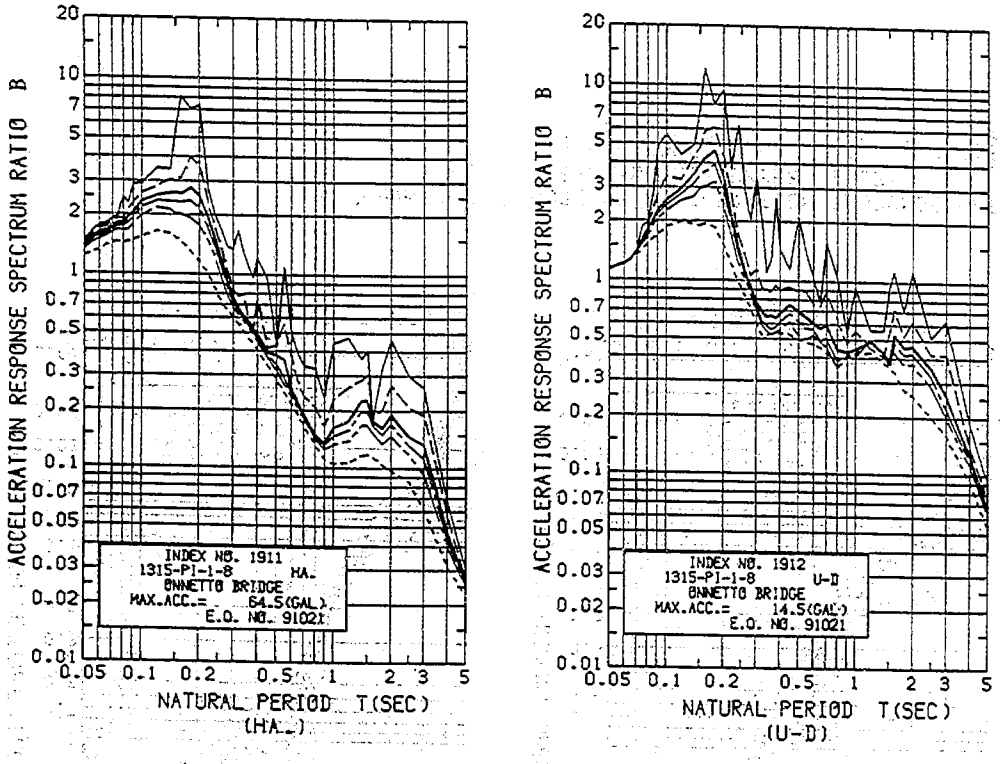


Figure 6—7 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91021
RECORD NUMBER 1315-PI-1-8
INDEX NUMBER 1911 1912

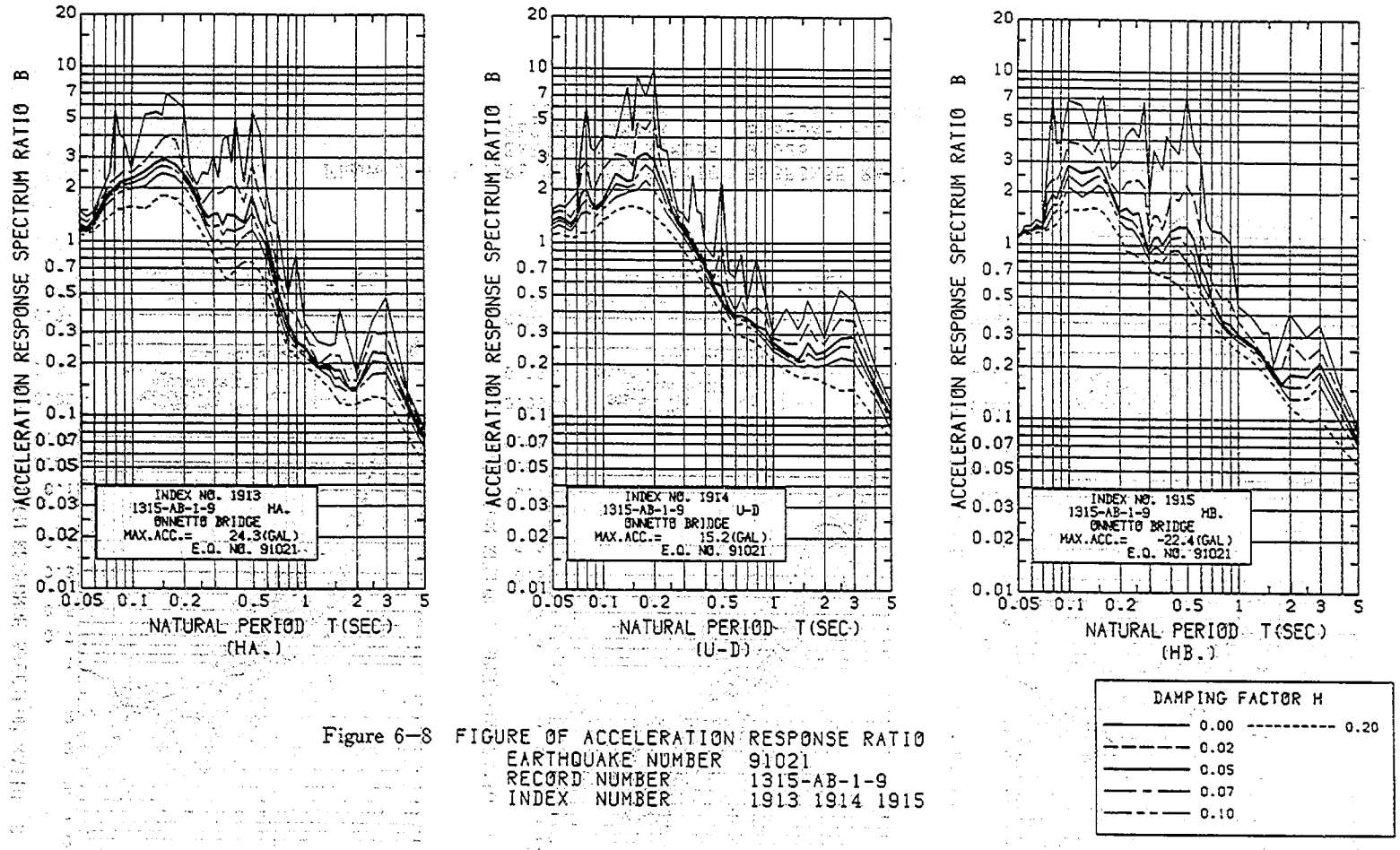


Figure 6—8 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91021
RECORD NUMBER 1315-AB-1-9
INDEX NUMBER 1913 1914 1915

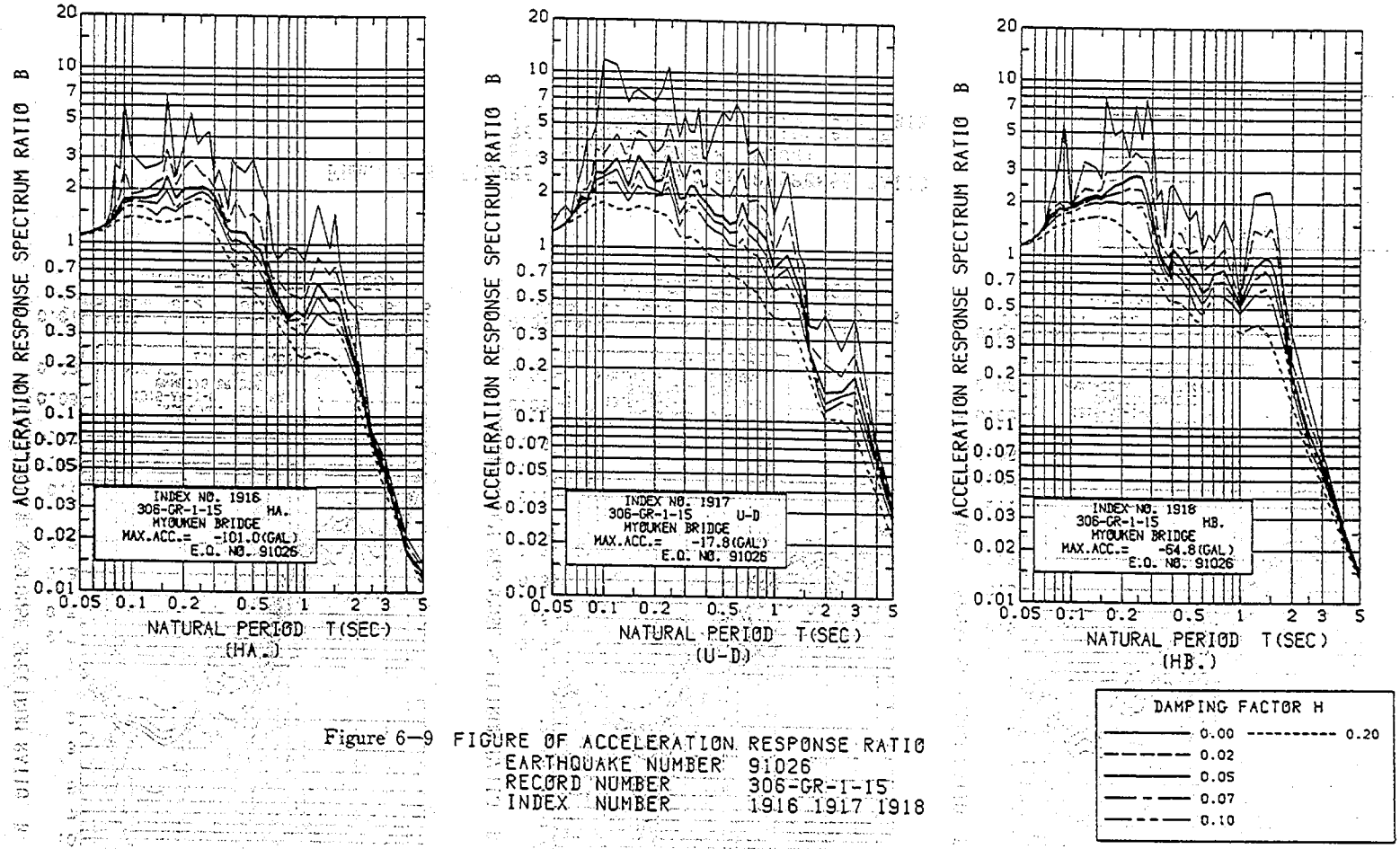


Figure 6—9 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91026
RECORD NUMBER 306-GR-1-15
INDEX NUMBER 1916 1917 1918

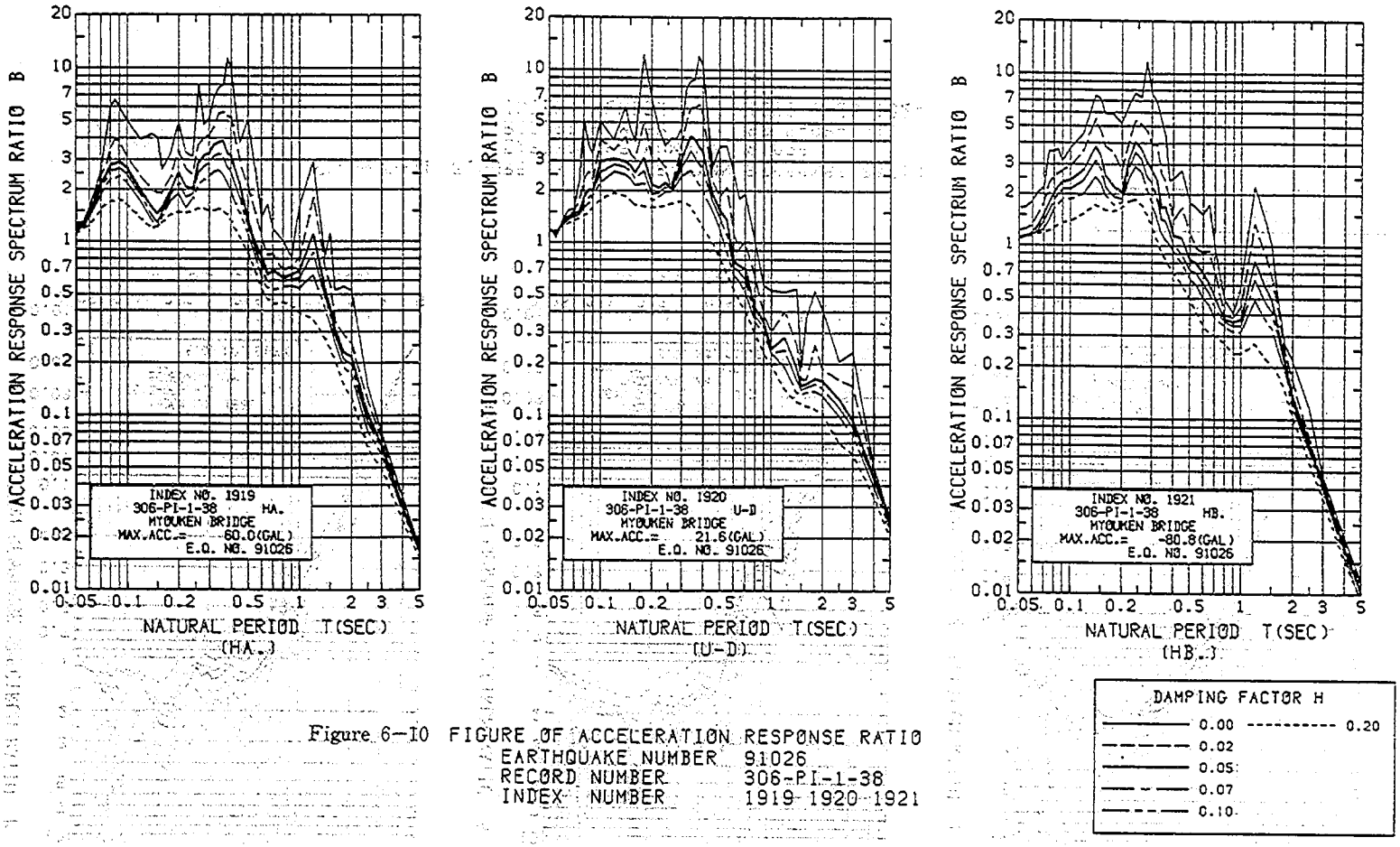


Figure 6—10 FIGURE OF ACCELERATION RESPONSE RATIO

EARTHQUAKE NUMBER	91026
RECORD NUMBER	306-PI-1-38
INDEX NUMBER	1919 1920 1921

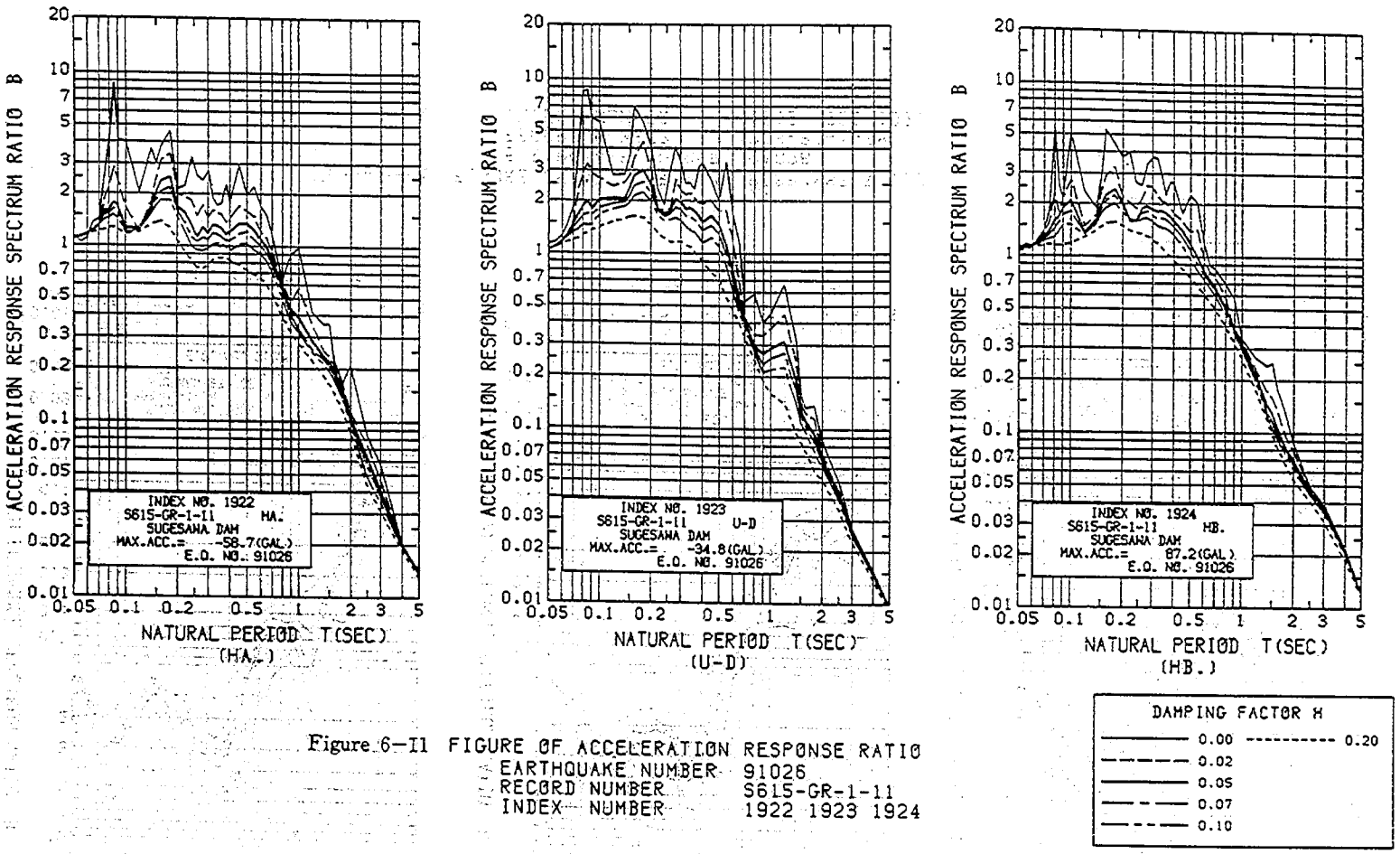


Figure 6—11 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91026
RECORD NUMBER S615-GR-1-11
INDEX NUMBER 1922 1923 1924

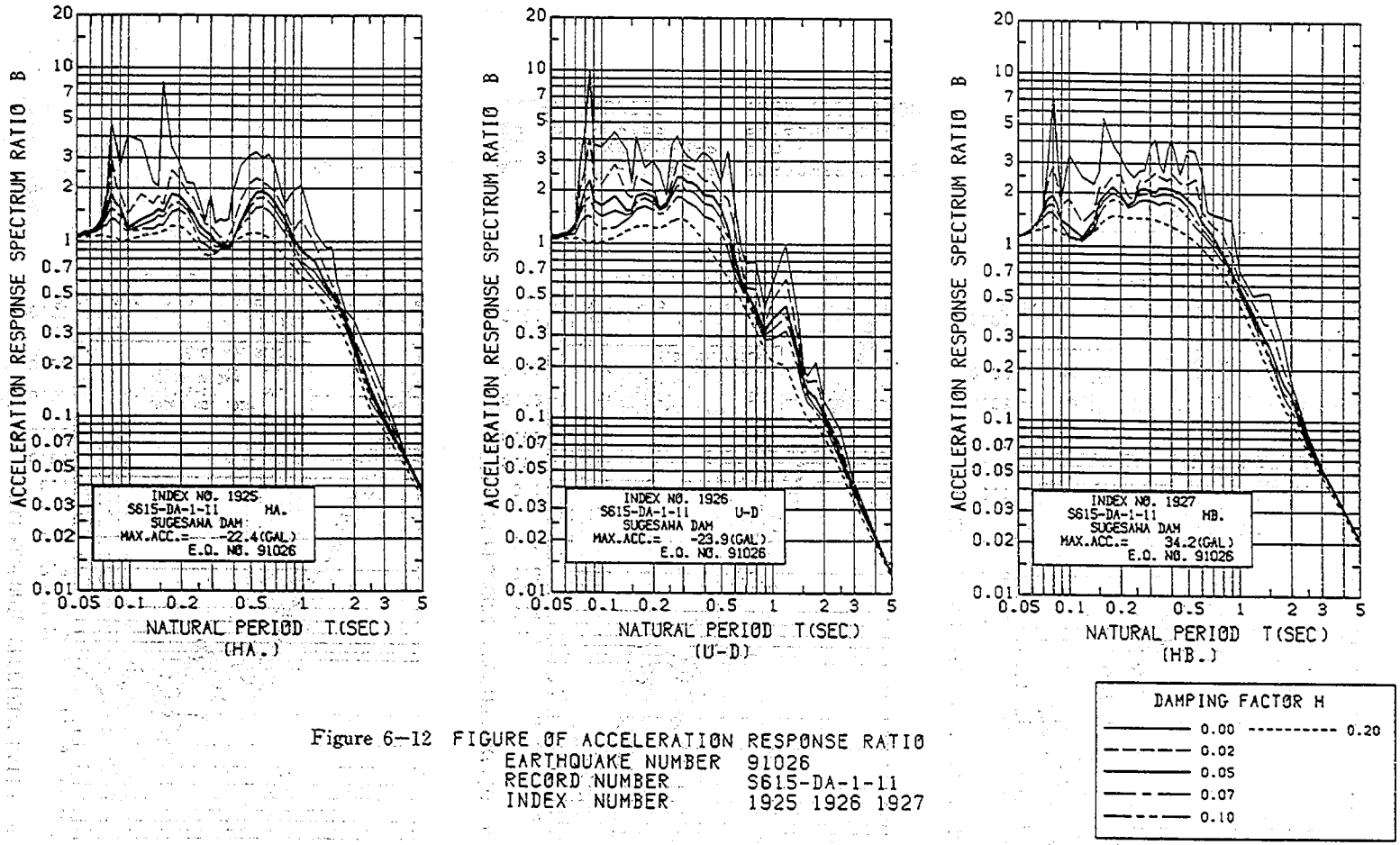


Figure 6—12 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91026
RECORD NUMBER S615-DA-1-11
INDEX NUMBER 1925 1926 1927

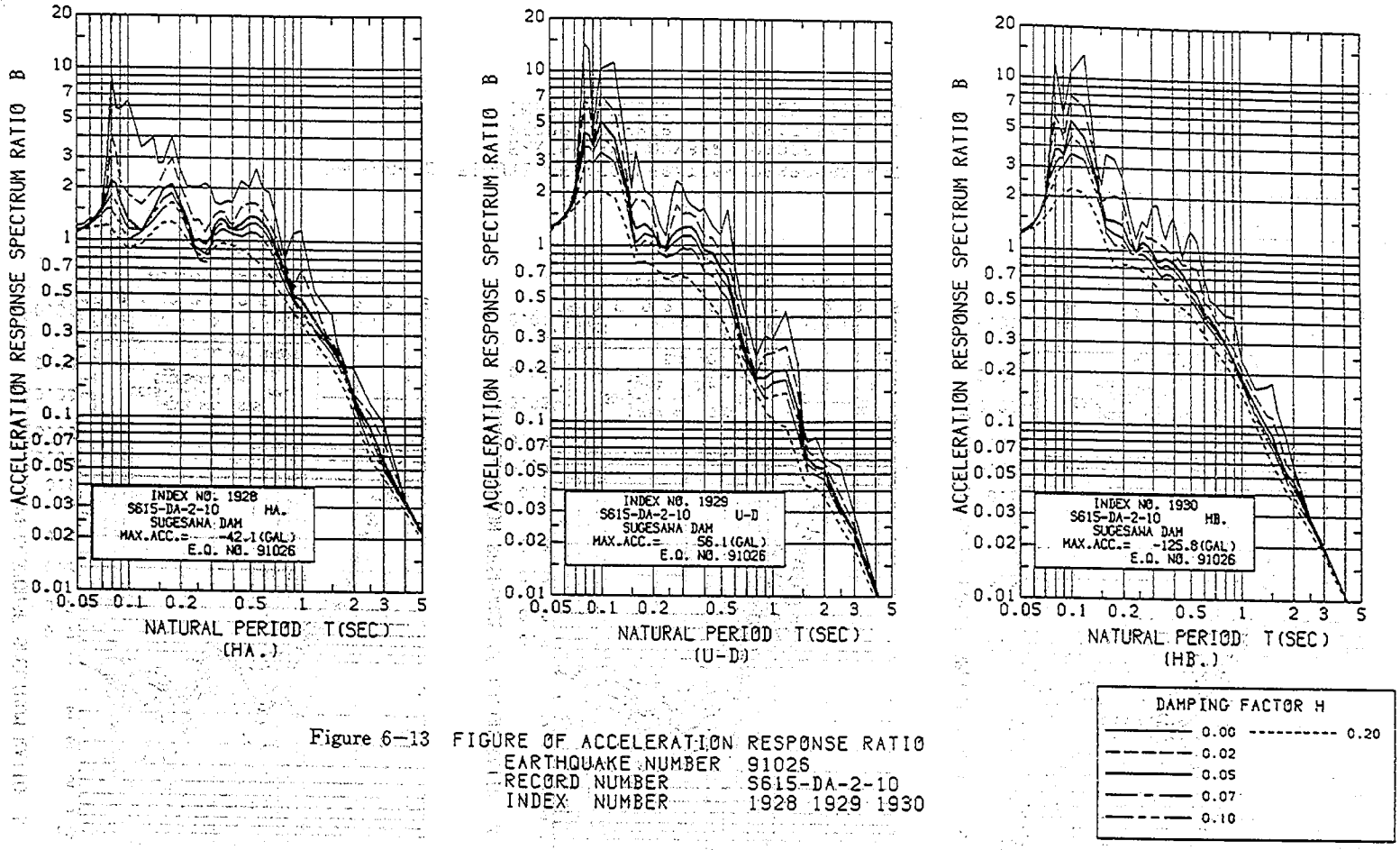


Figure 6—13 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91026
RECORD NUMBER S615-DA-2-10
INDEX NUMBER 1928 1929 1930

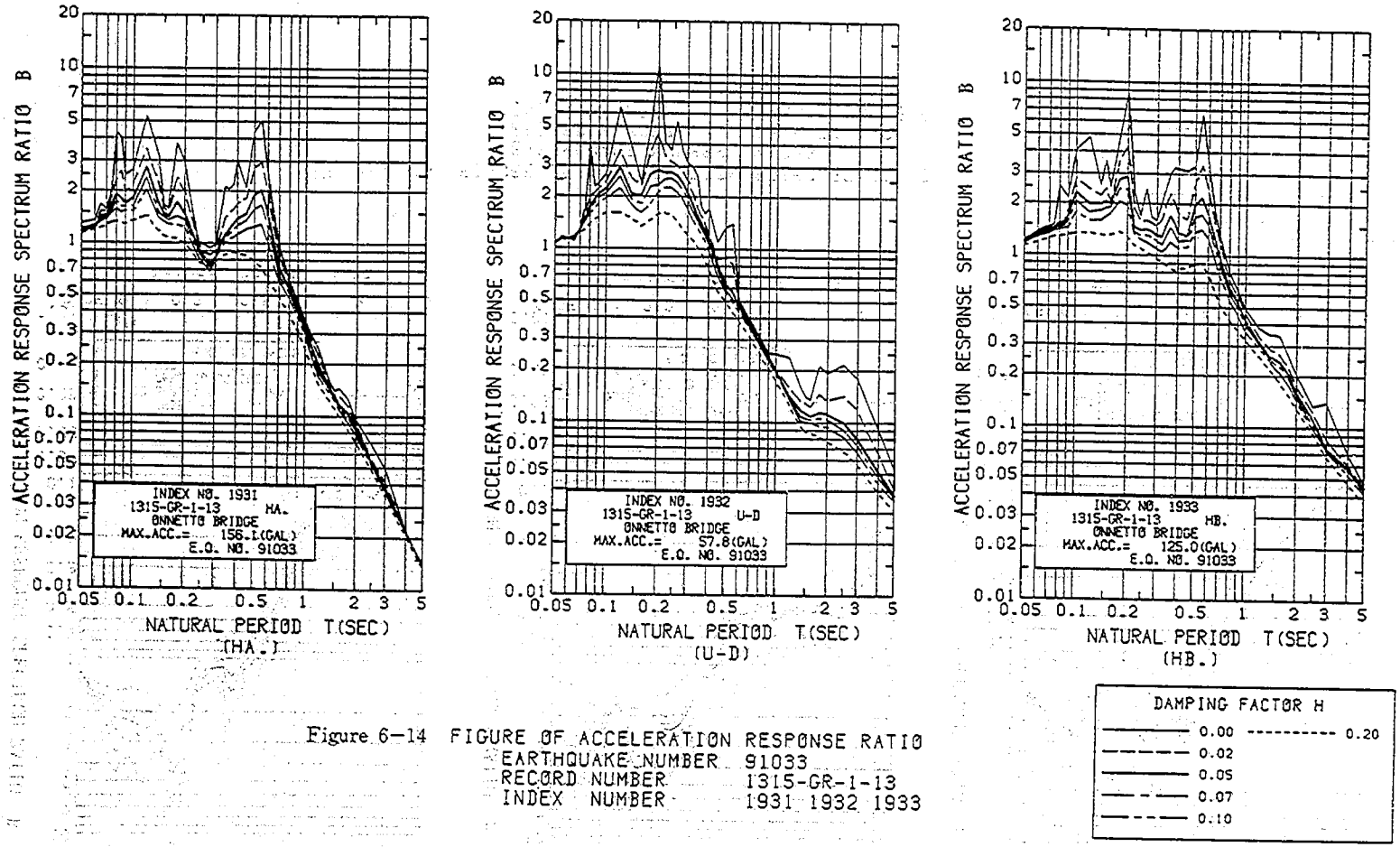


Figure 6-14 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91033
RECORD NUMBER 1315-GR-1-13
INDEX NUMBER 1931 1932 1933

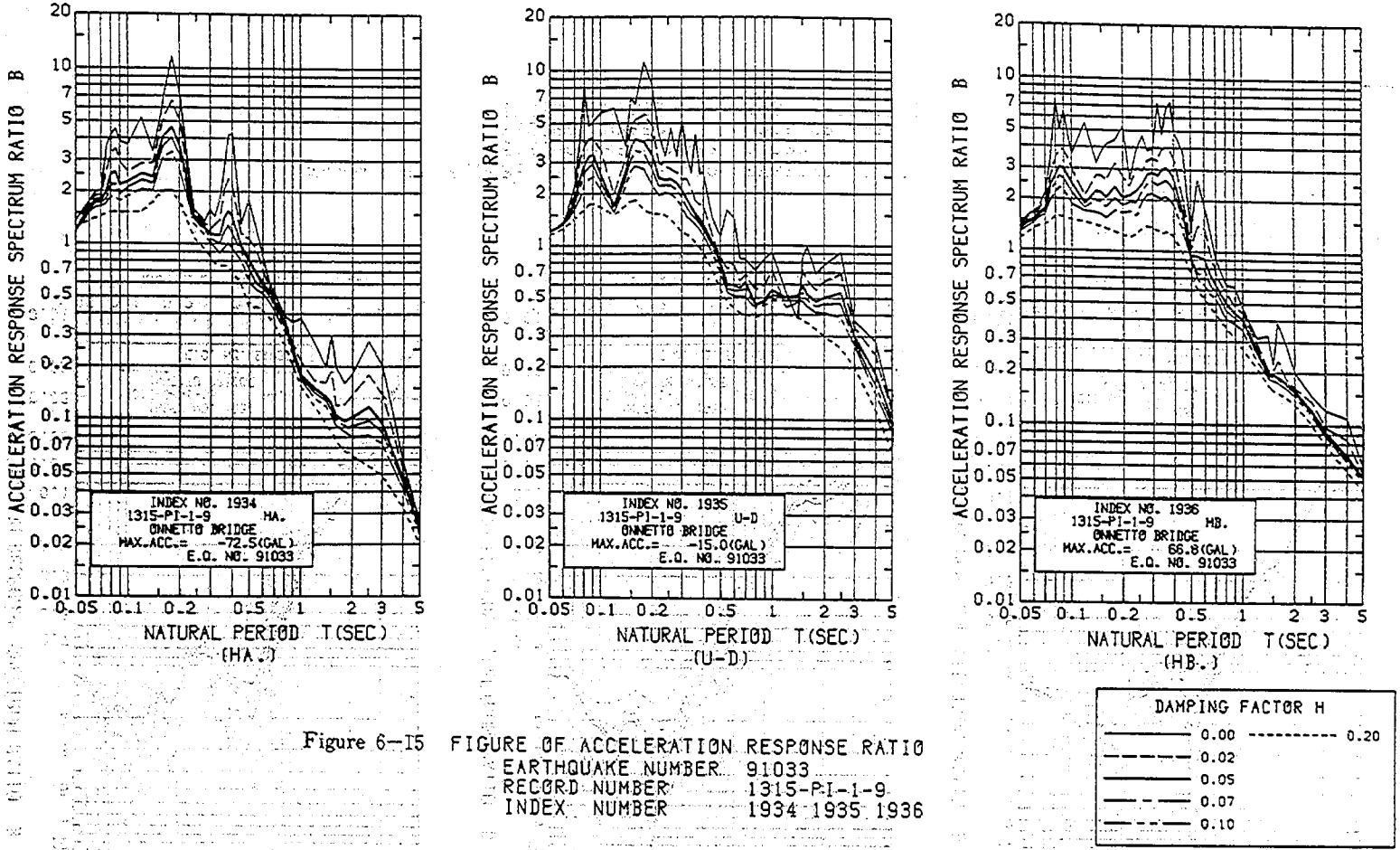


Figure 6—15 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91033
RECORD NUMBER 1315-PI-1-9
INDEX NUMBER 1934 1935 1936

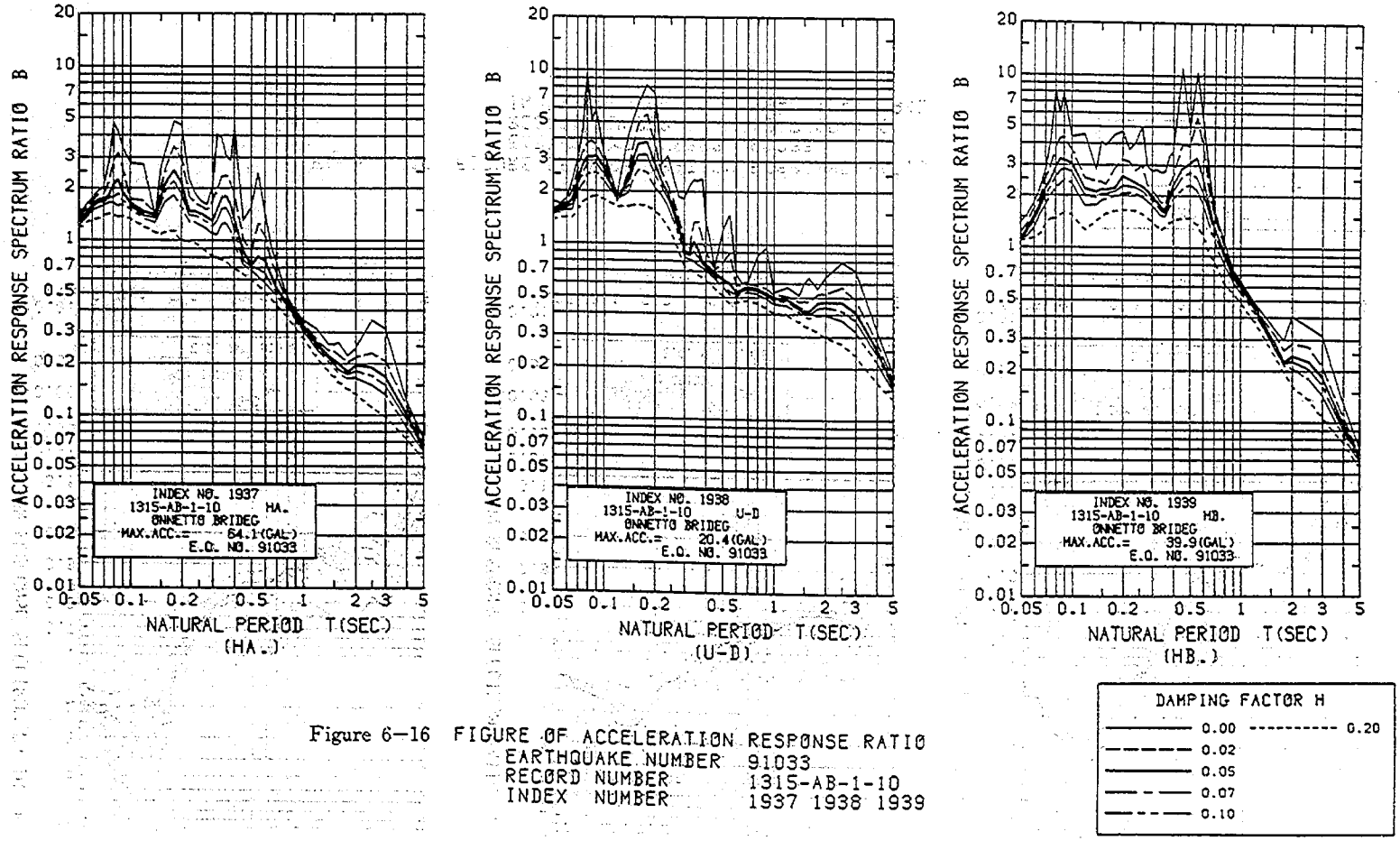


Figure 6—16 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91033
RECORD NUMBER 1315-AB-1-10
INDEX NUMBER 1937 1938 1939

土木構造物設計マニュアル(No.16)

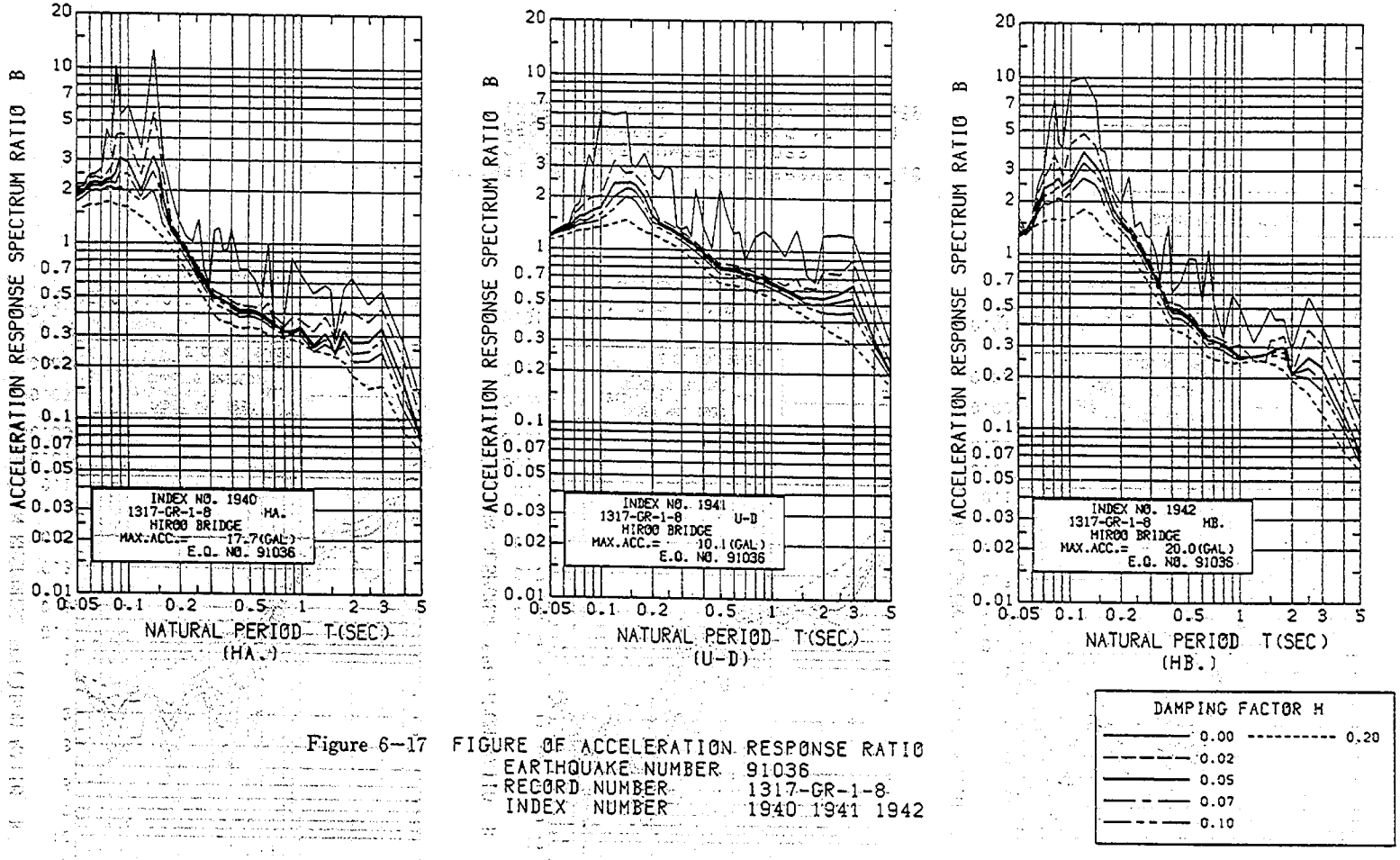


Figure 6-17 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91036
RECORD NUMBER 1317-GR-1-8
INDEX NUMBER 1940 1941 1942

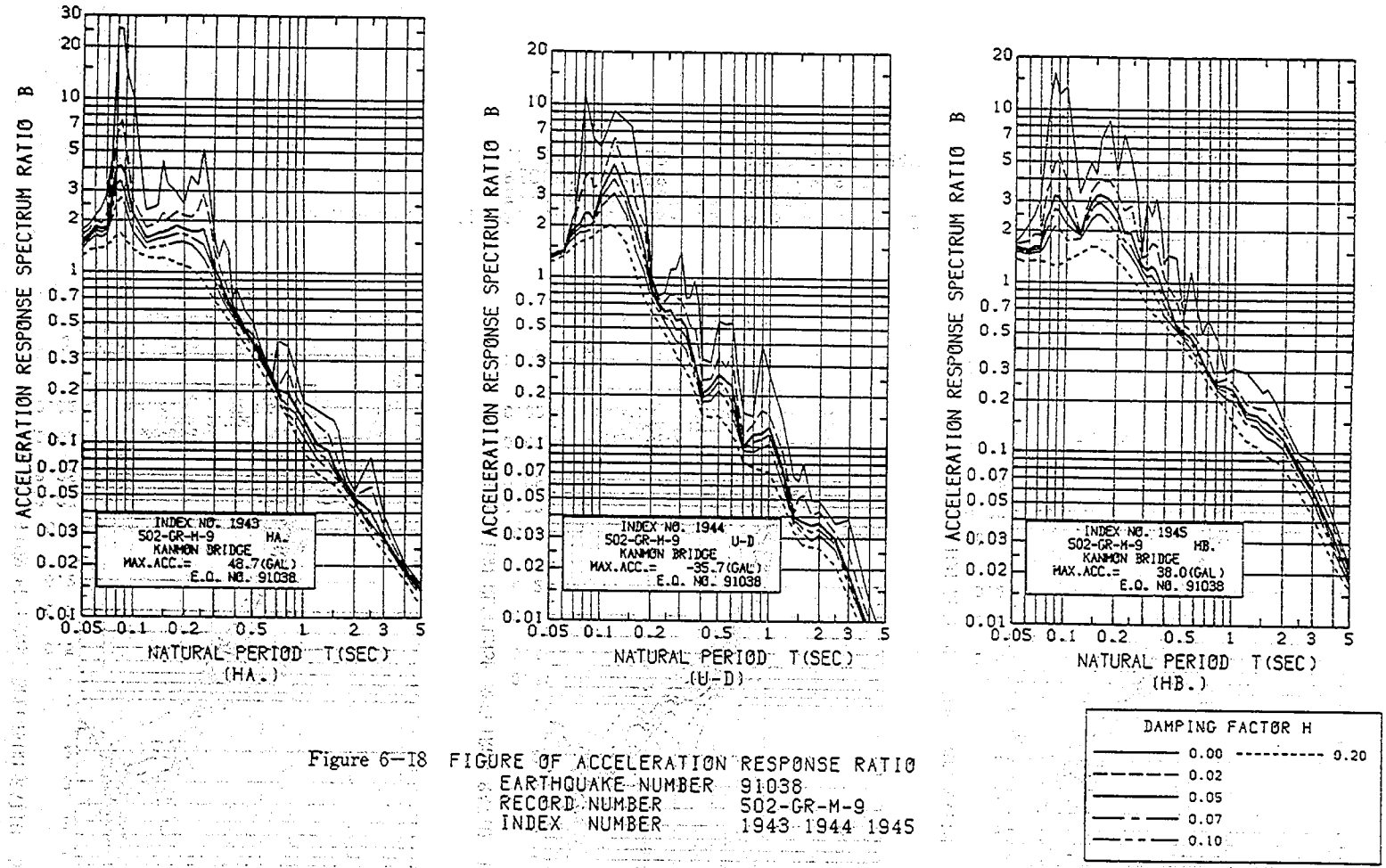


Figure 6—18 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91038
RECORD NUMBER 502-GR-M-9
INDEX NUMBER 1943 1944 1945

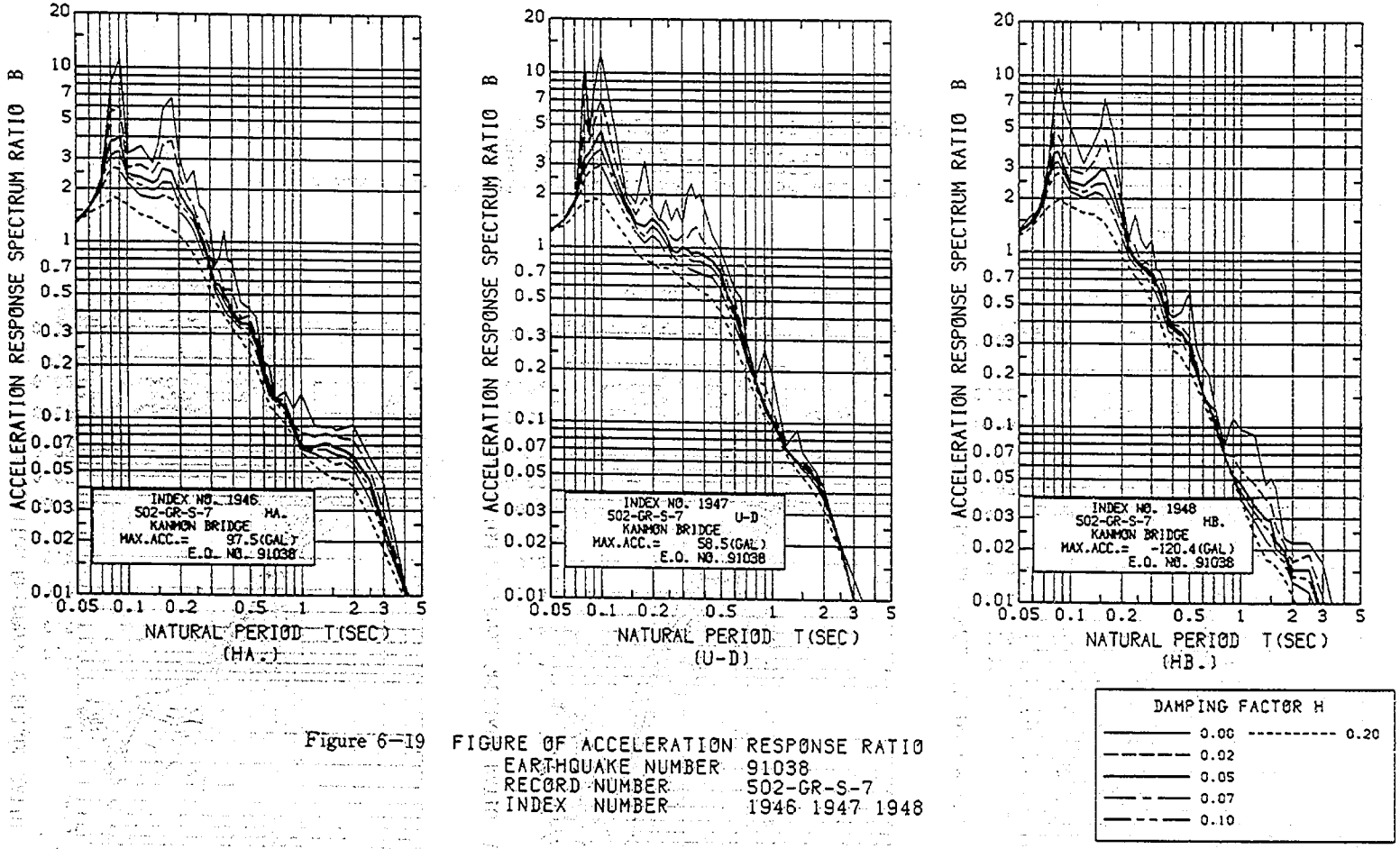


Figure 6—19 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91038
RECORD NUMBER S02-GR-S-7
INDEX NUMBER 1946 1947 1948

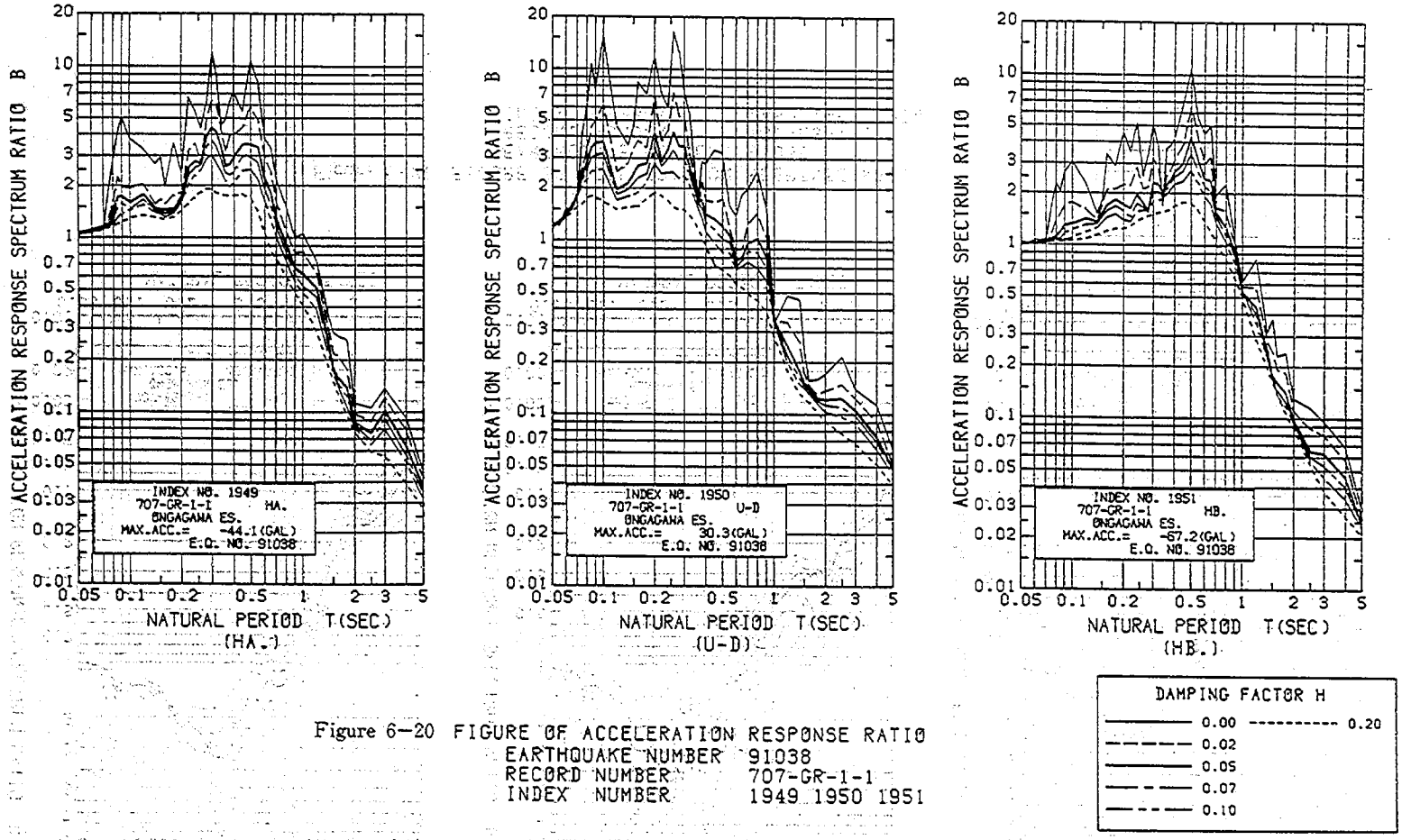


Figure 6—20 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91038
RECORD NUMBER 707-GR-1-1
INDEX NUMBER 1949 1950 1951

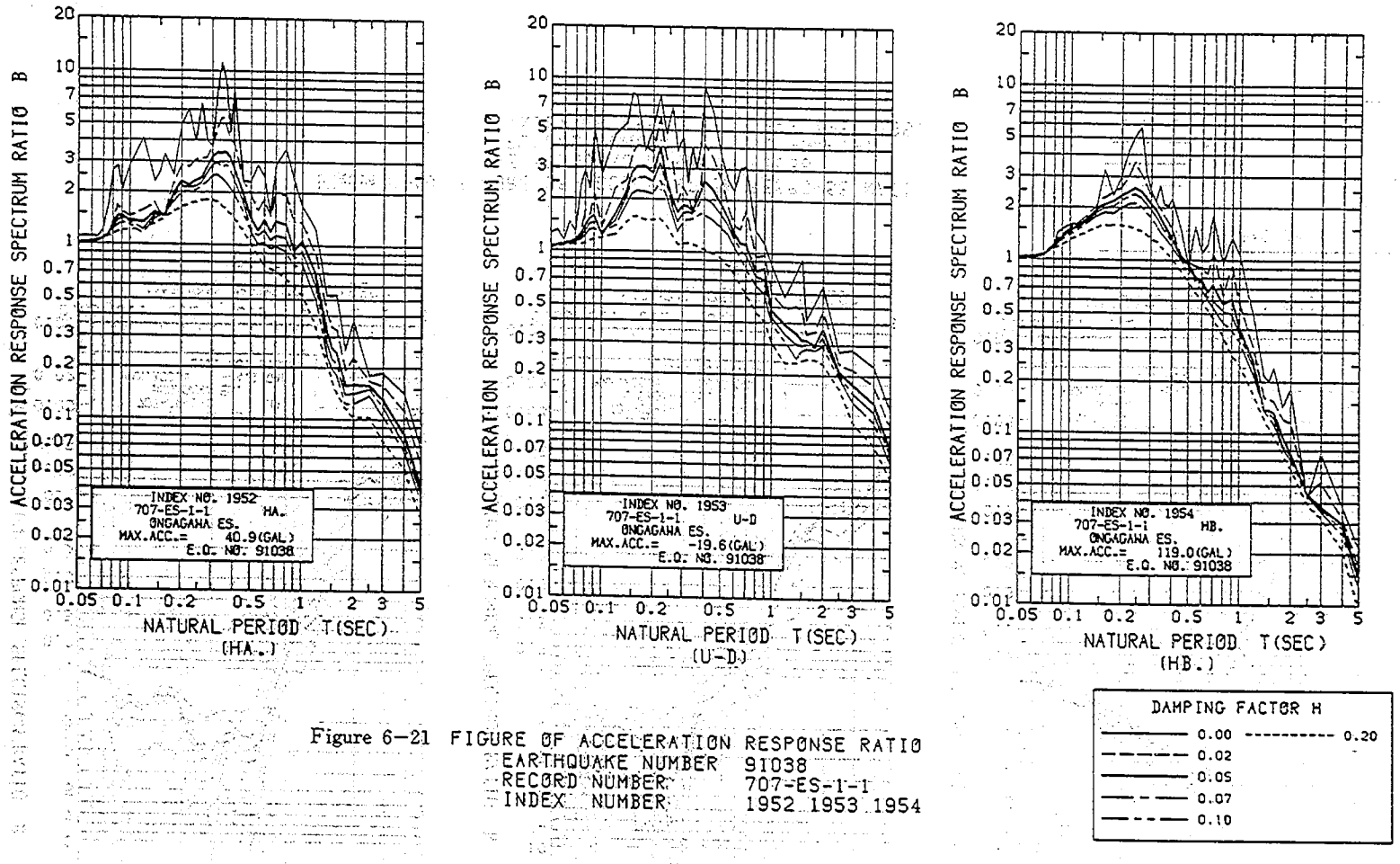


Figure 6—21 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91038
RECORD NUMBER 707-ES-1-1
INDEX NUMBER 1952 1953 1954

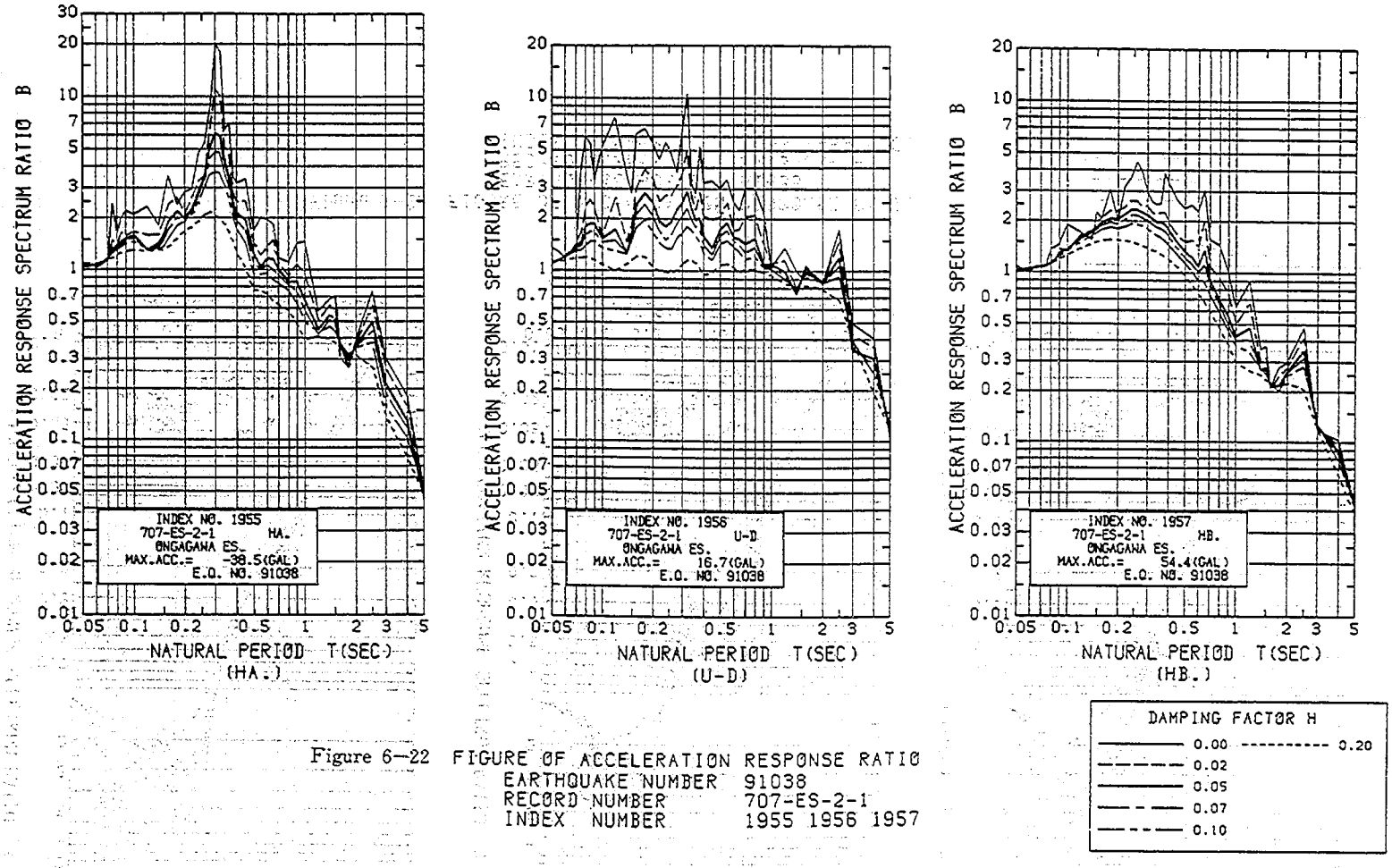


Figure 6—22 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91038
RECORD NUMBER 707-ES-2-1
INDEX NUMBER 1955 1956 1957

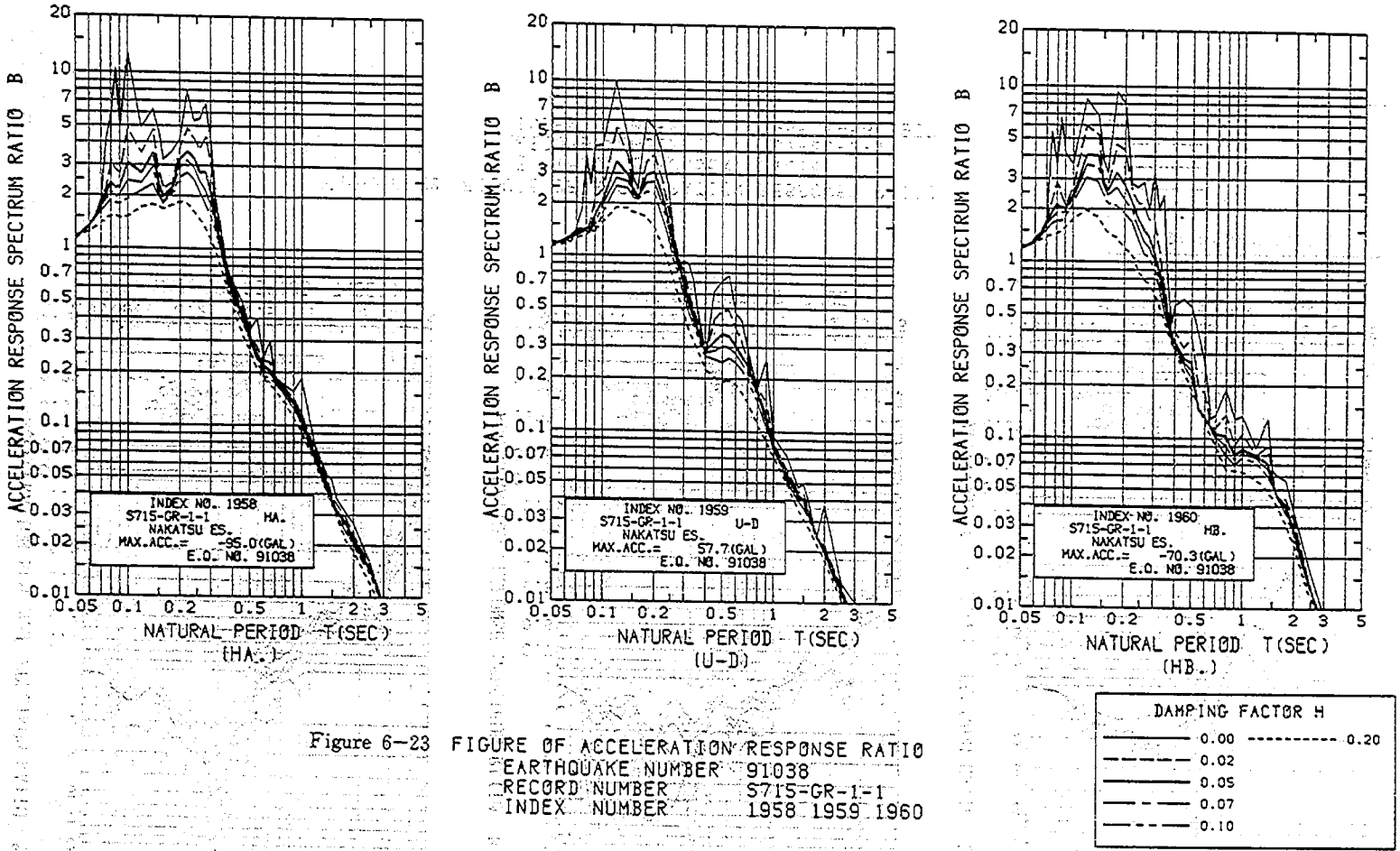


Figure 6-23 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91038
RECORD NUMBER S715-GR-1-1
INDEX NUMBER 1958 1959 1960

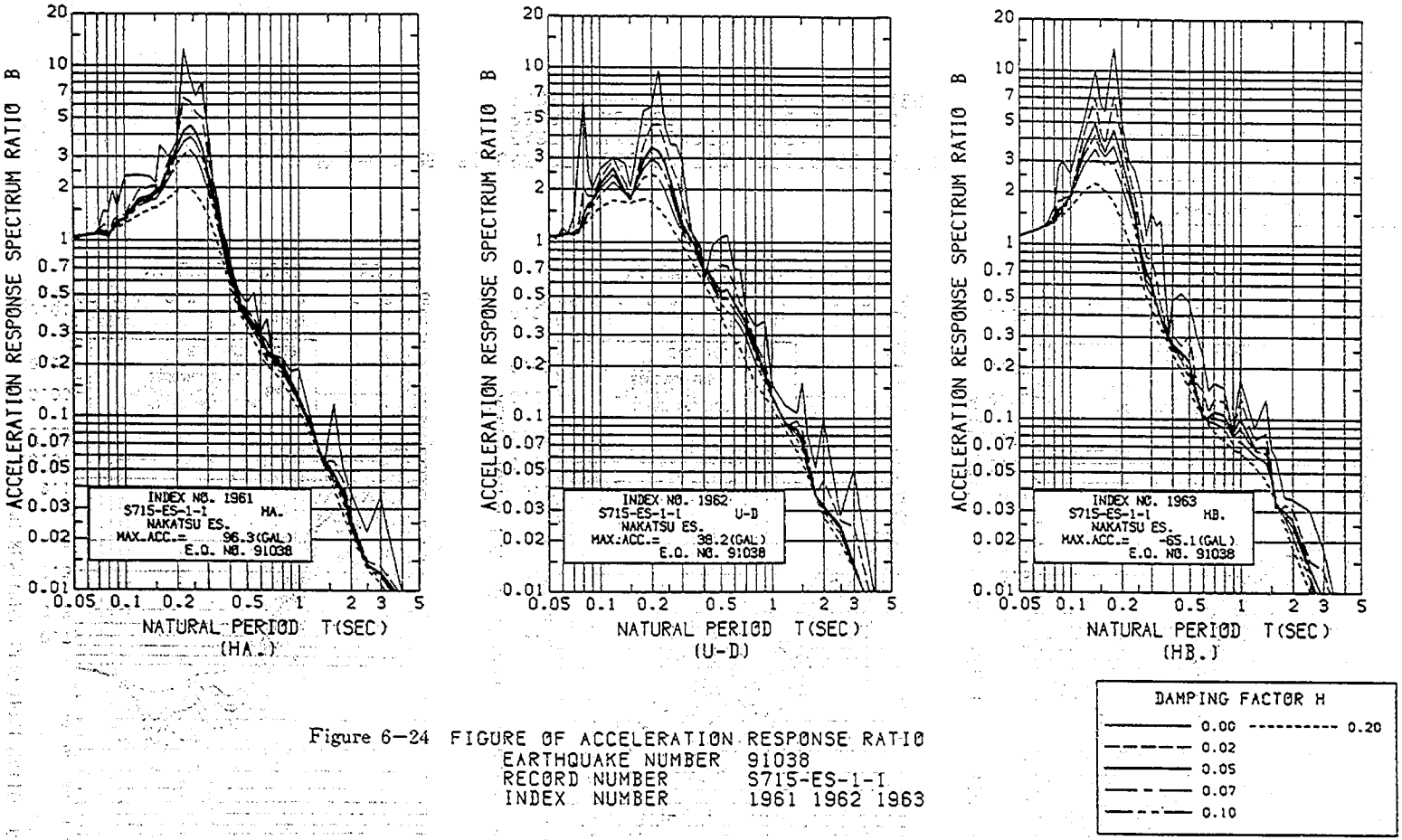


Figure 6—24 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91038
RECORD NUMBER S715-ES-1-I
INDEX NUMBER 1961 1962 1963

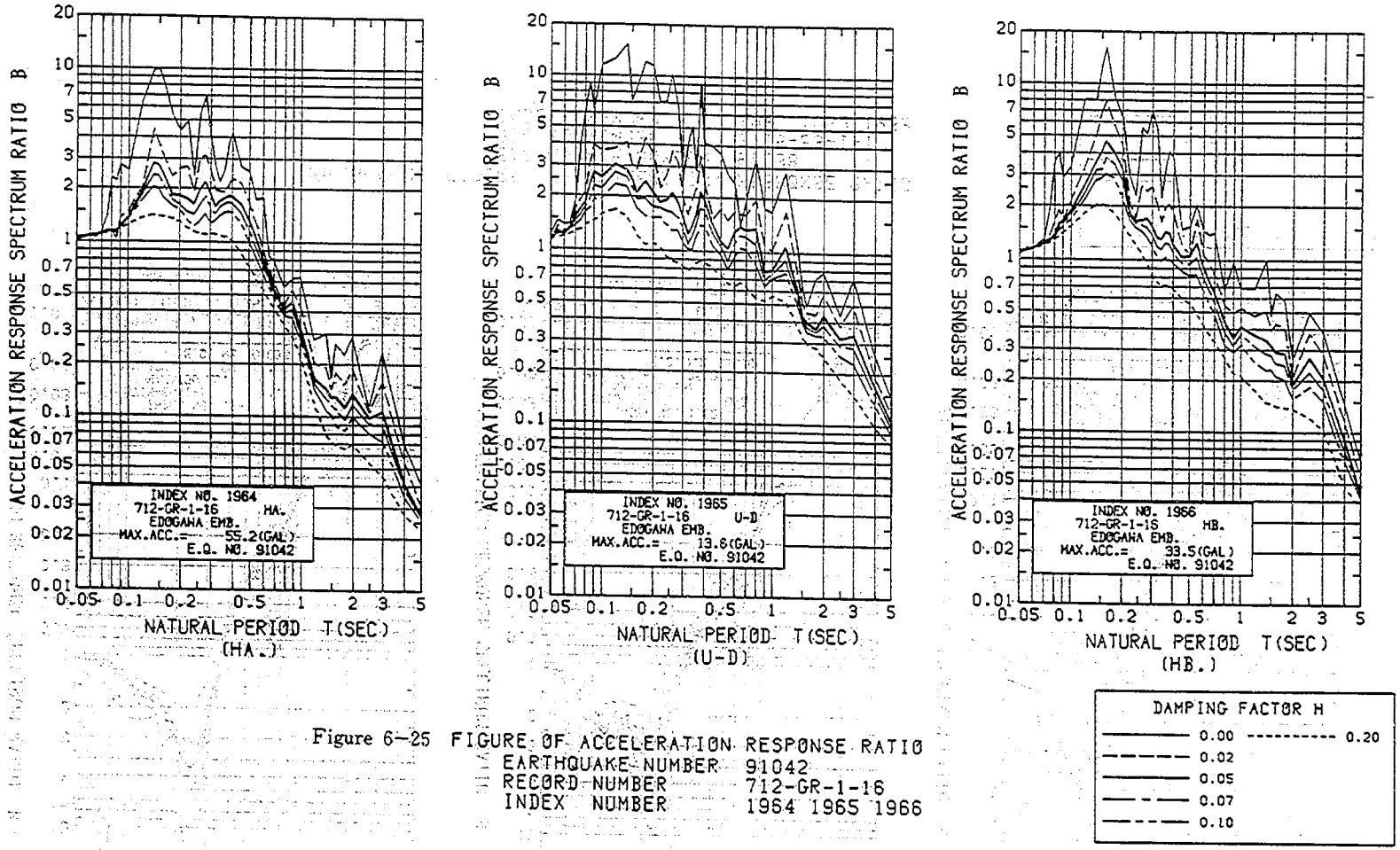


Figure 6—25 FIGURE ØF ACCELERATIØN RESPØNSE RATIØ
EARTHQUAKE NUMBER 91042
RECØRD NUMBER 712-GR-1-16
INDEX NUMBER 1964 1965 1966

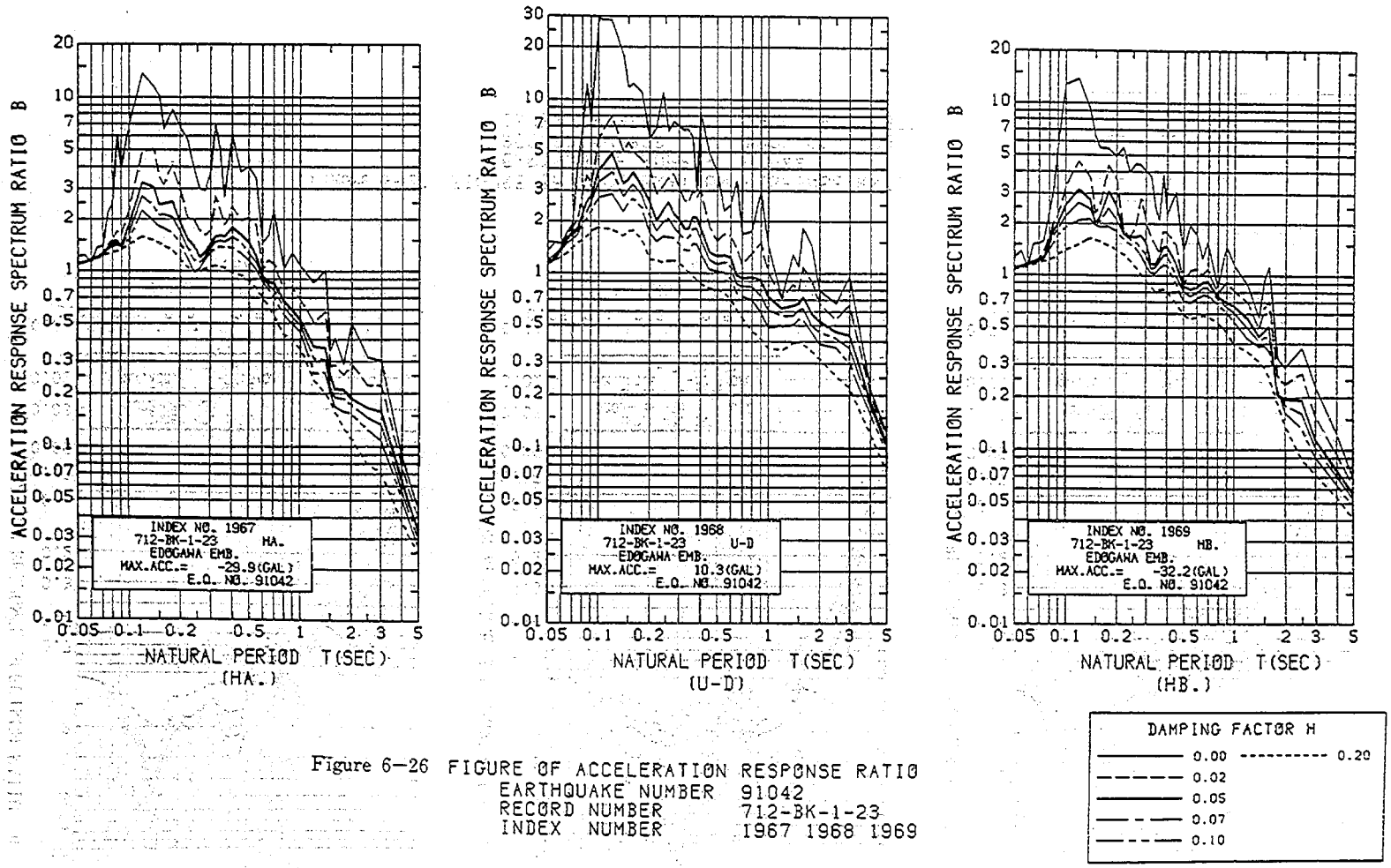


Figure 6—26 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91042
RECORD NUMBER 712-BK-1-23
INDEX NUMBER 1967 1968 1969

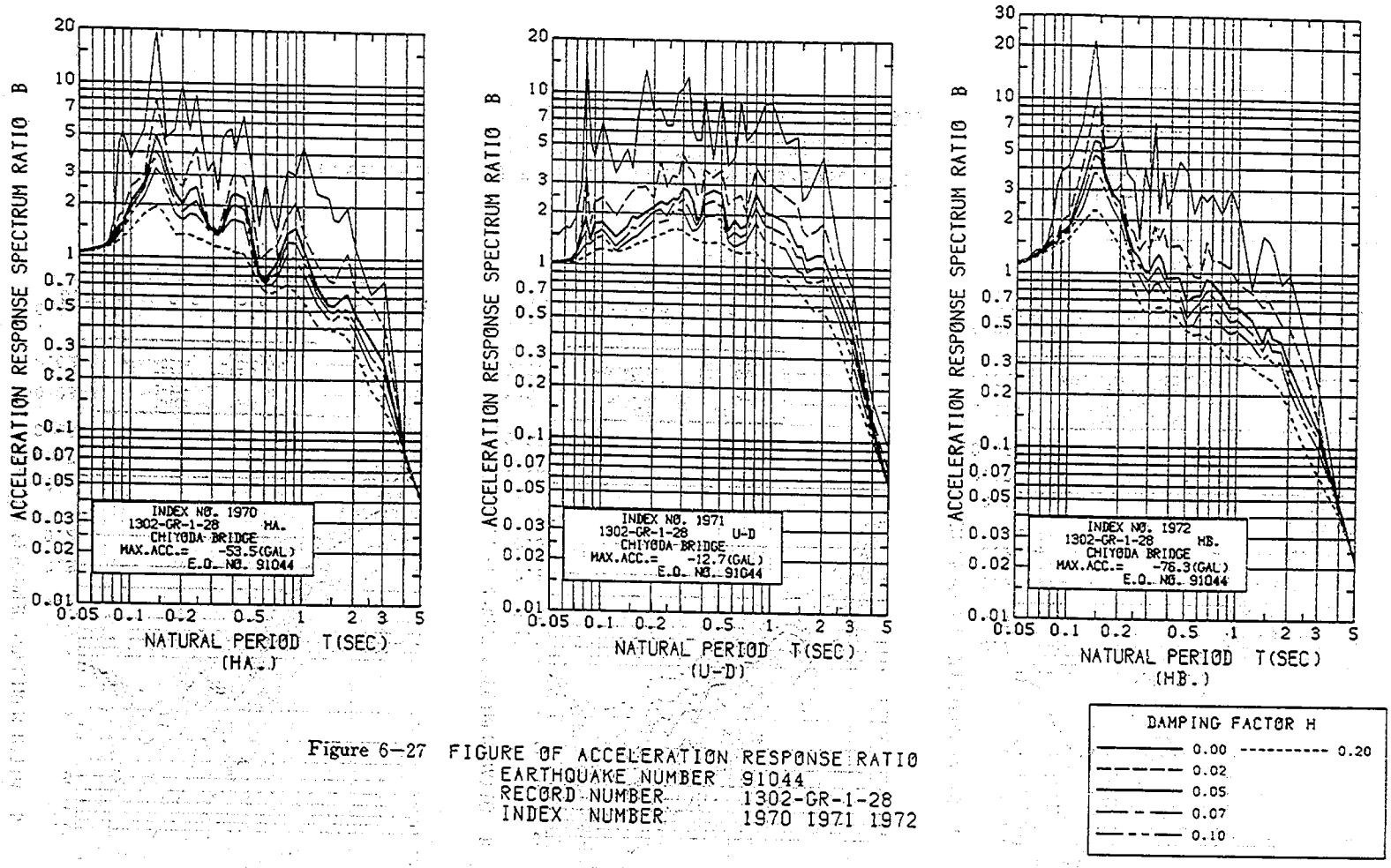


Figure 6—27 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91044
RECORD NUMBER 1302-GR-1-28
INDEX NUMBER 1970 1971 1972

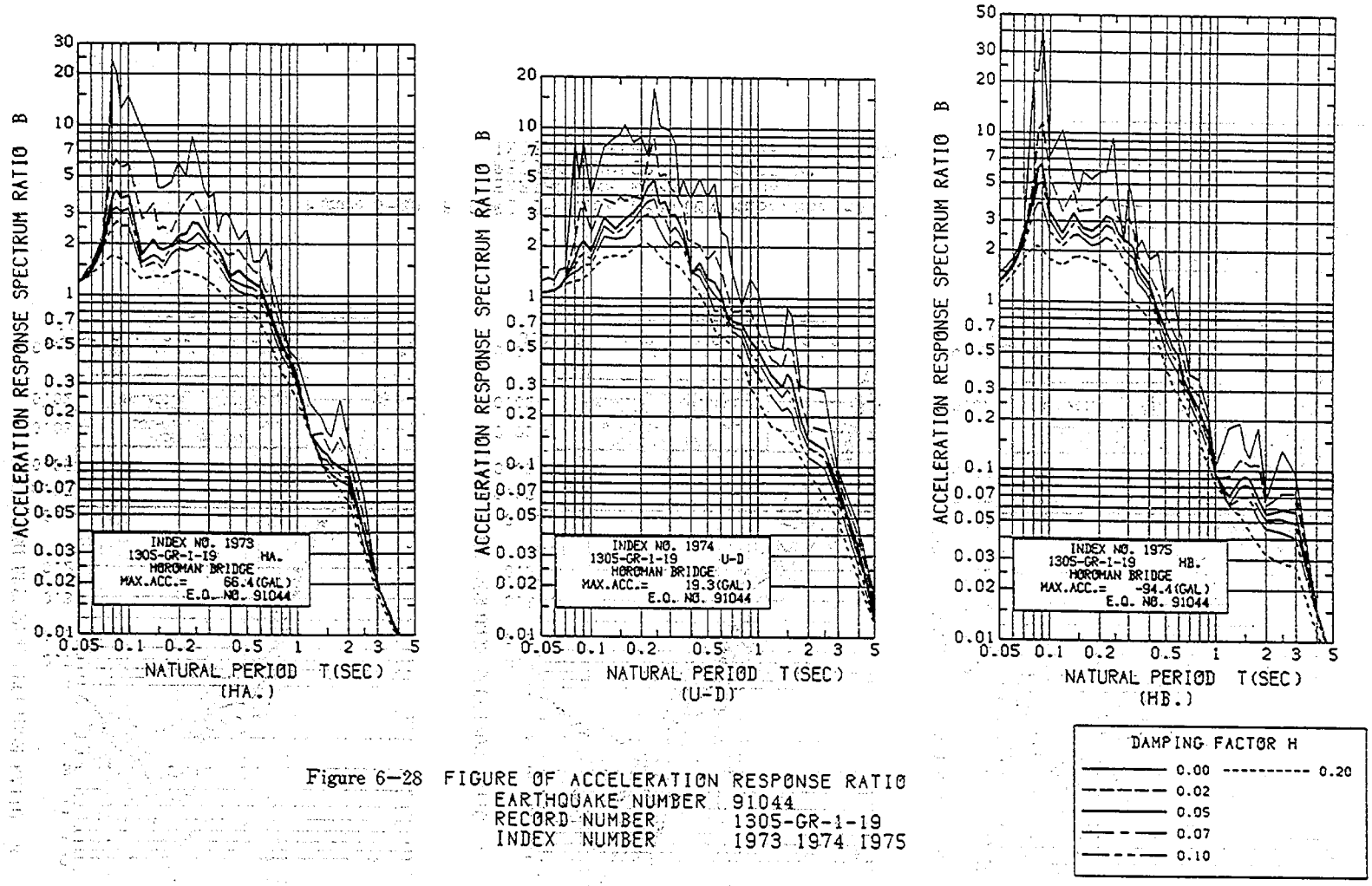


Figure 6—28 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91044
RECORD NUMBER 1305-GR-1-19
INDEX NUMBER 1973 1974 1975

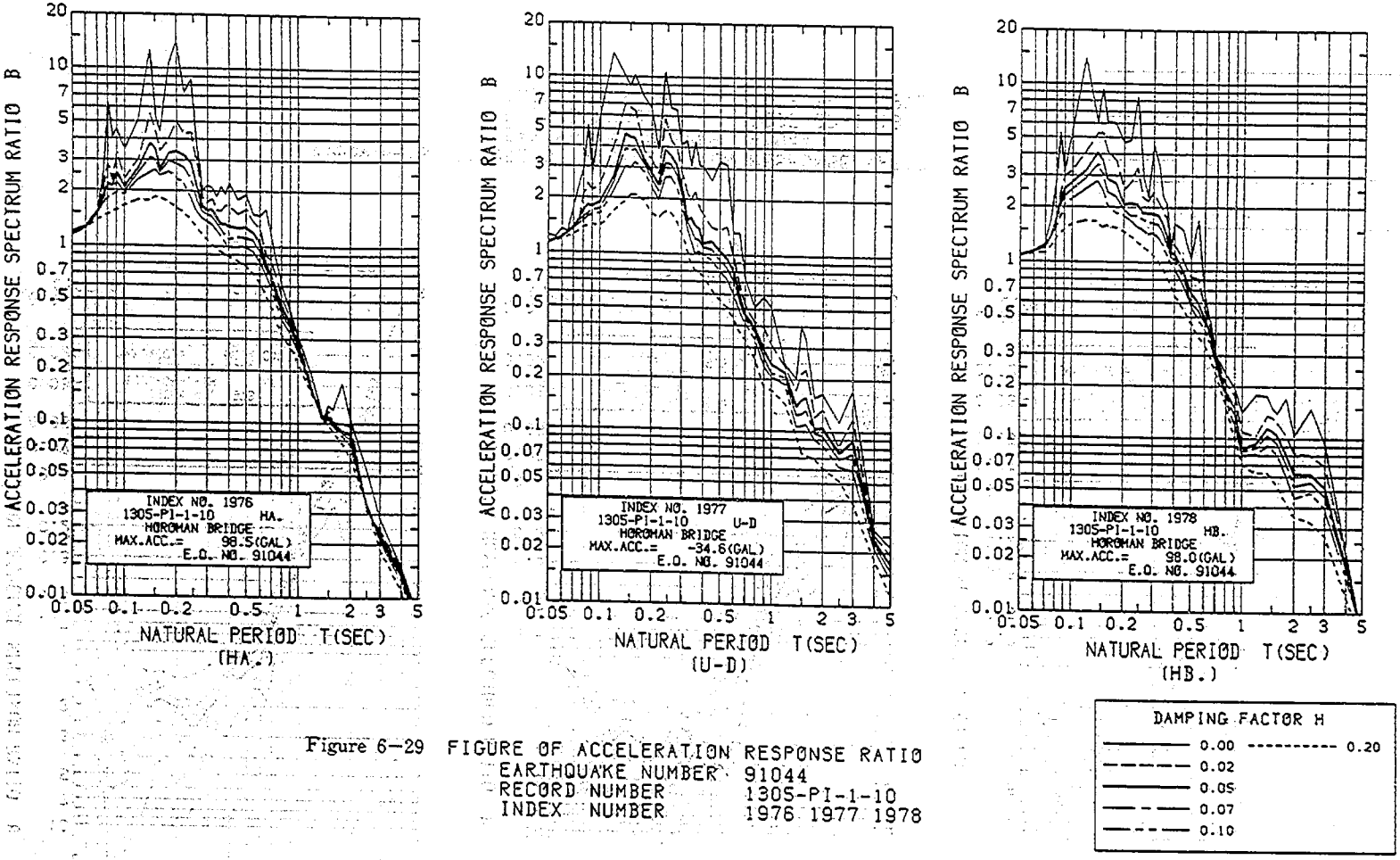


Figure 6-29 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91044
RECORD NUMBER 1305-PI-1-10
INDEX NUMBER 1976 1977 1978

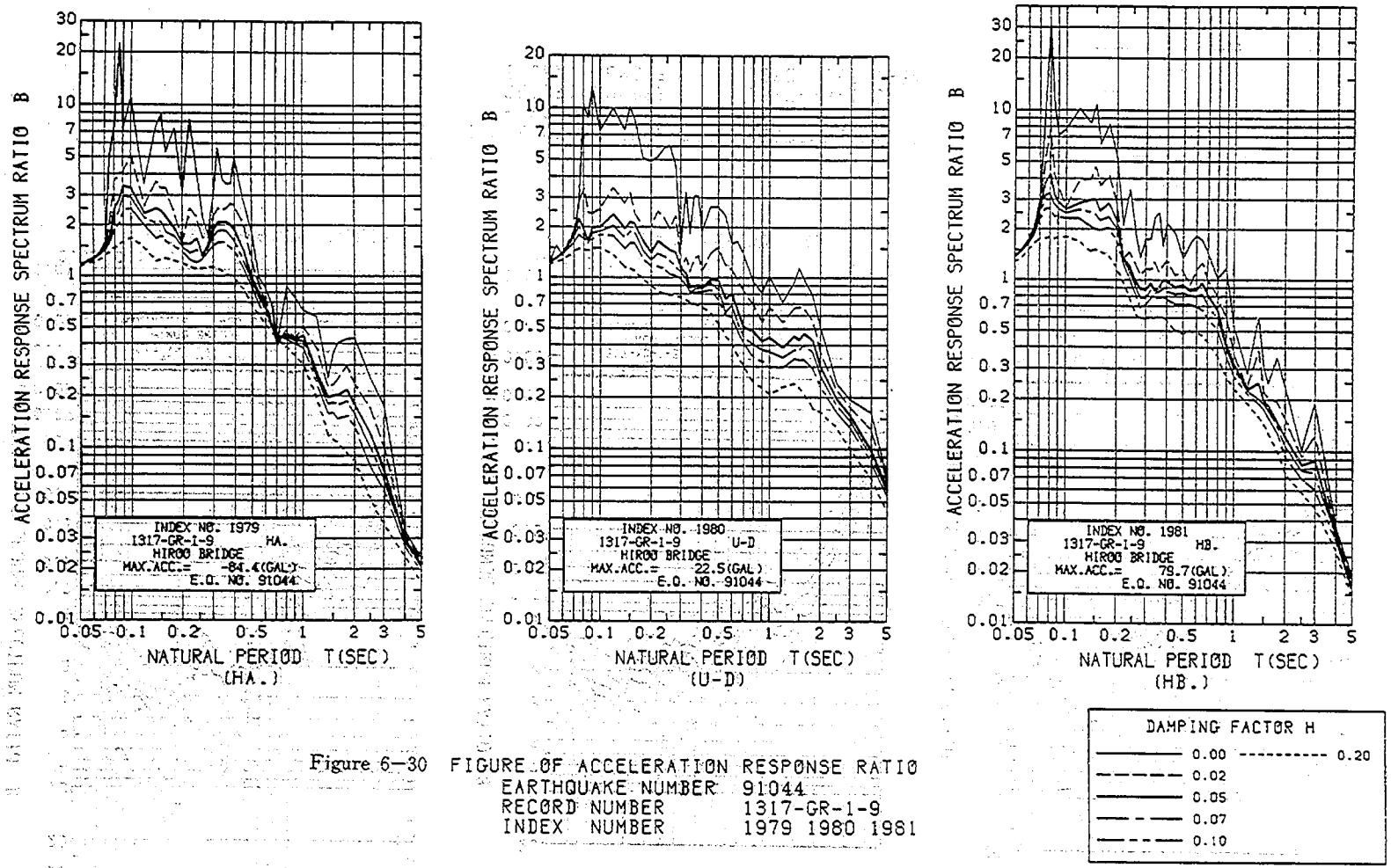


Figure 6—30 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91044
RECORD NUMBER 1317-GR-1-9
INDEX NUMBER 1979 1980 1981

Figure 6—31 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91044
RECORD NUMBER 1317-AB-1-3
INDEX NUMBER 1982 1983 1984

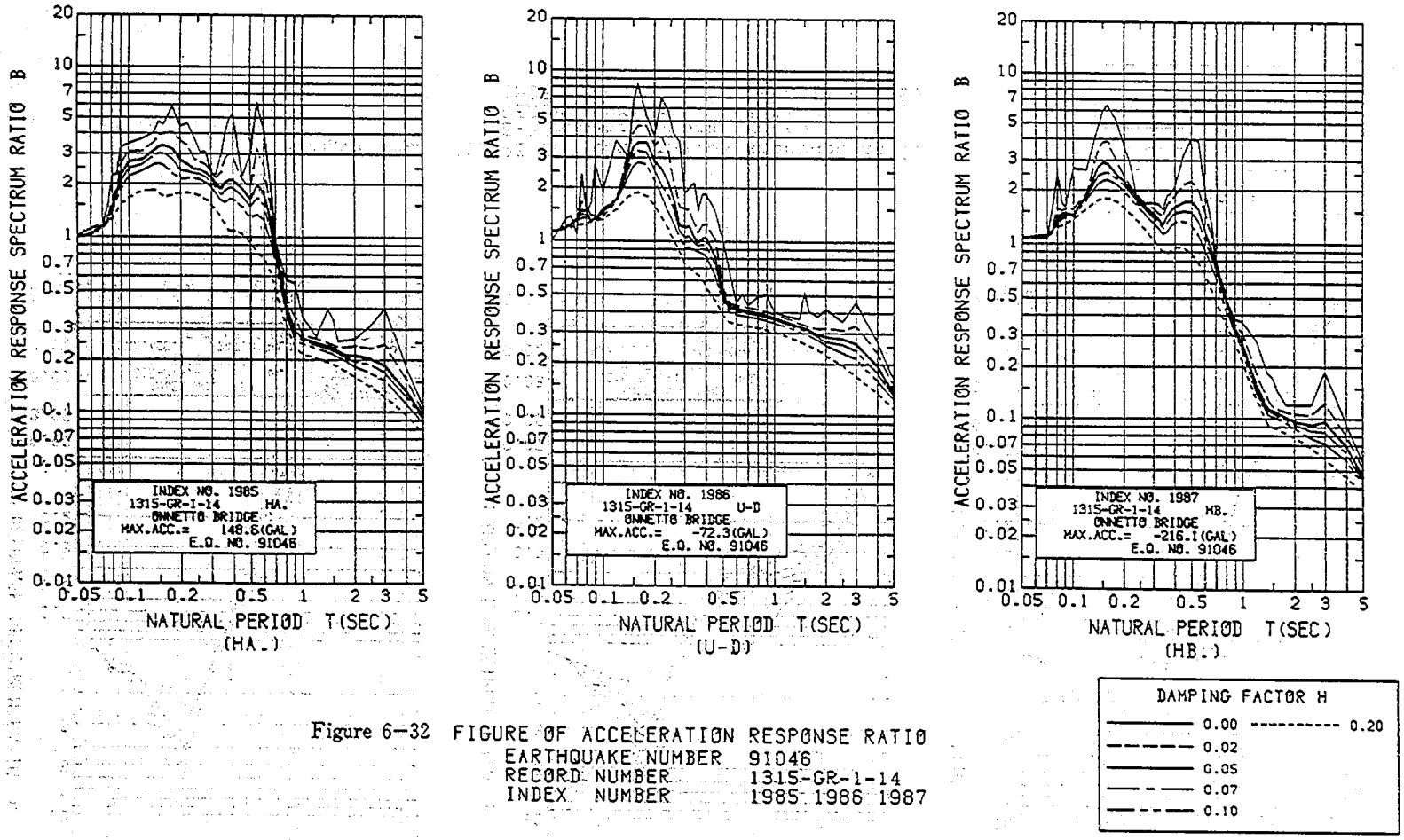


Figure 6—32 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91046
RECORD NUMBER 1315-GR-1-14
INDEX NUMBER 1985 1986 1987

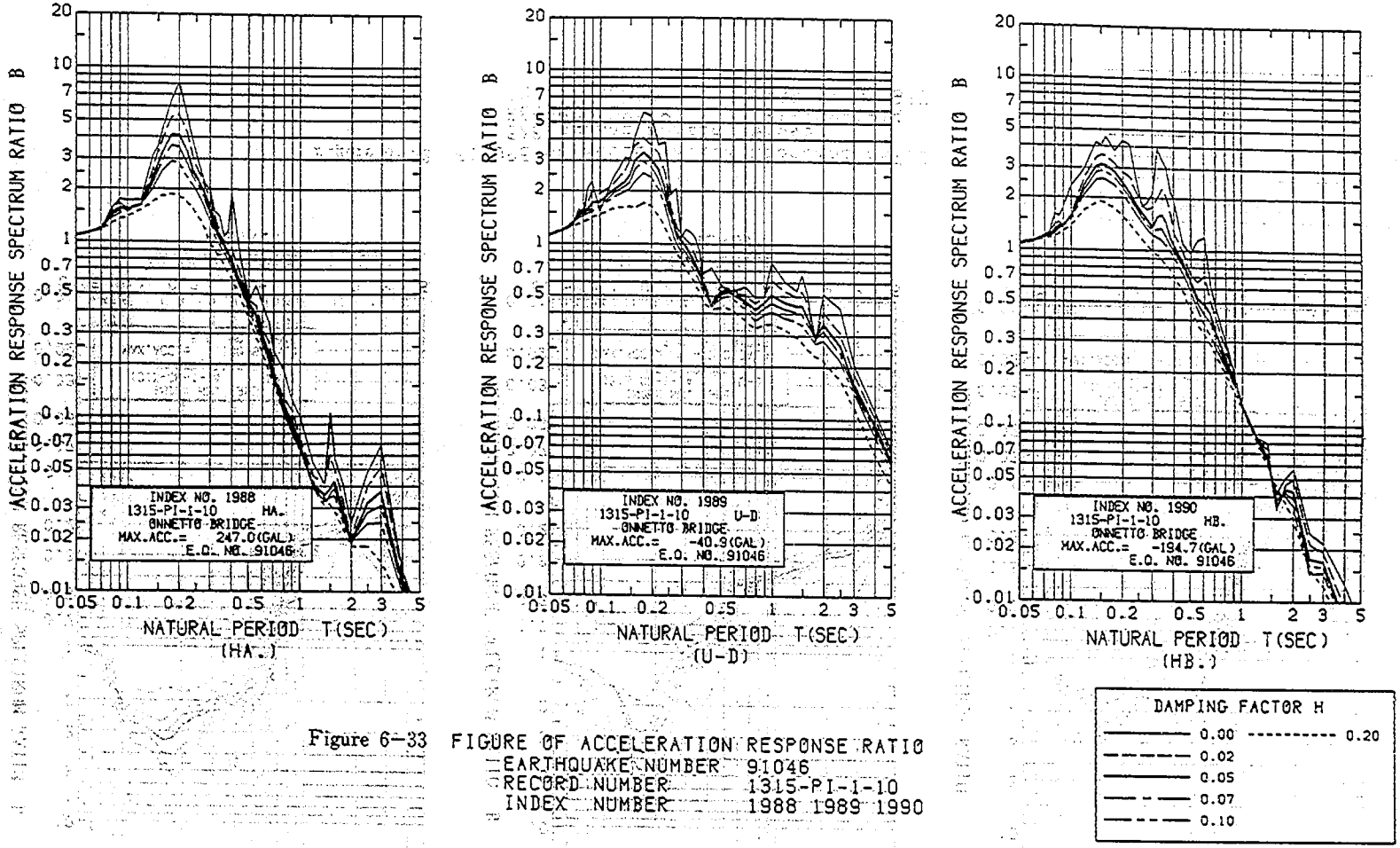


Figure 6—33 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91046
RECORD NUMBER 1315-PI-1-10
INDEX NUMBER 1988 1989 1990

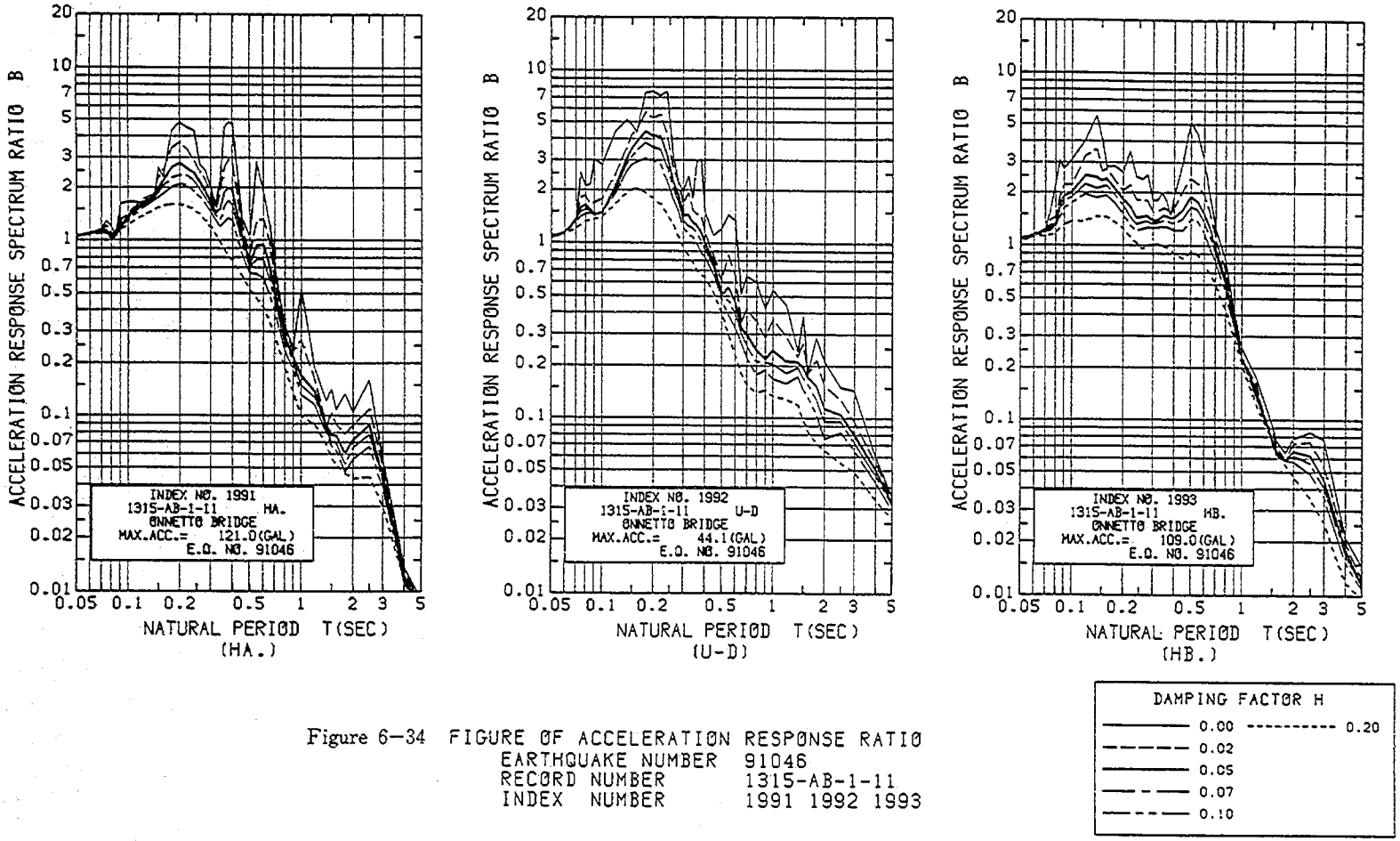
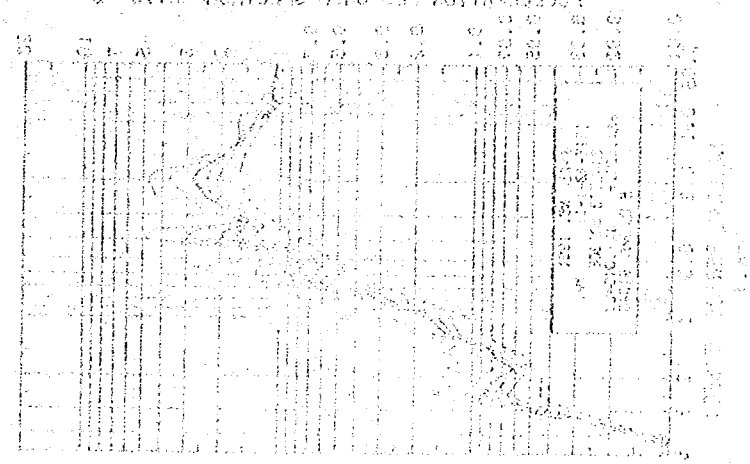
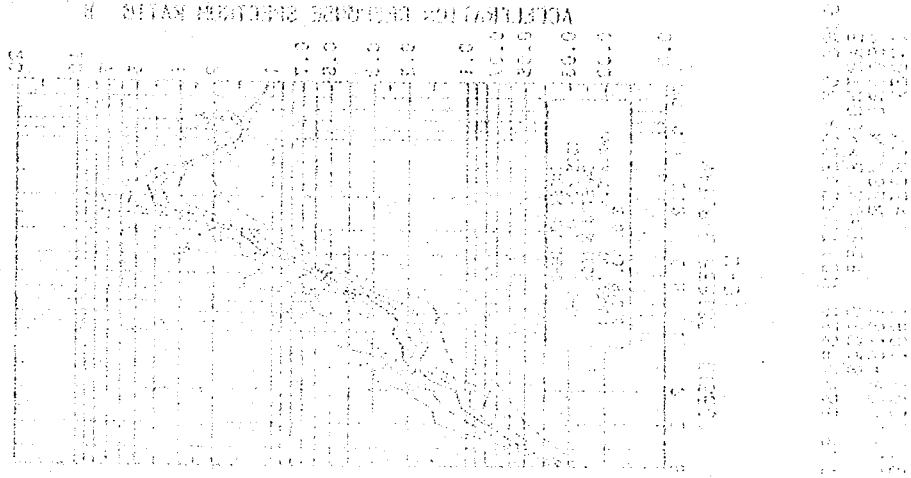
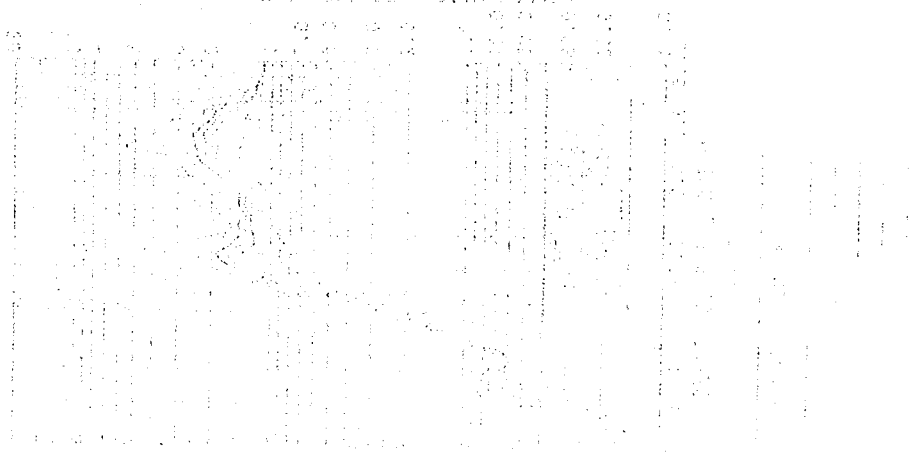


Figure 6—34 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 91046
RECORD NUMBER 1315-AB-1-11
INDEX NUMBER 1991 1992 1993

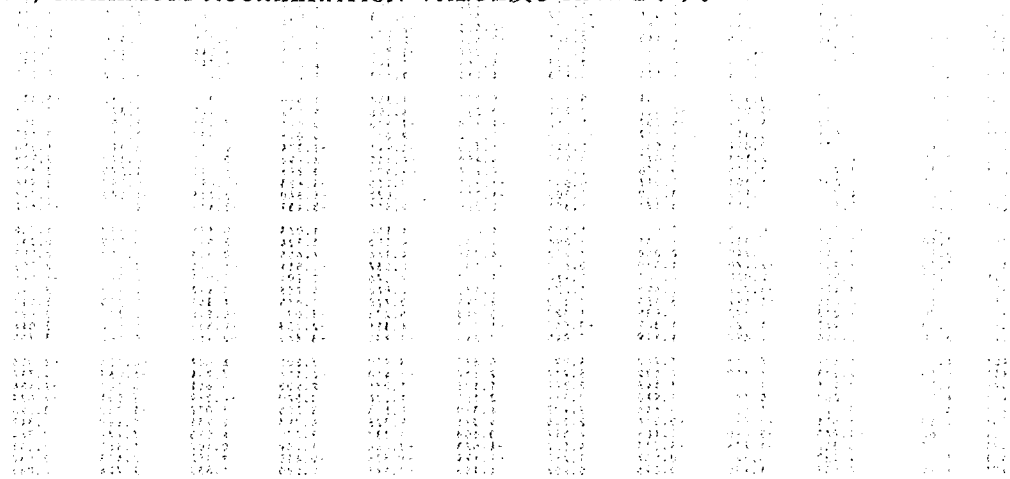






7. 強震記録のディジタル数値

INDEX NUMBERの順に従い，記録毎の地震動加速度のディジタル数値をTable 7−1～Table 7−39に示す。この数値は1/100秒の等時間間隔データについて周波数領域で計器補正及びバンドパスフィルターを施した数値である。表の上部には，INDEX NUMBER，RECORD NUMBER，STATION NAME，MAXIMUM ACCELERATION VALUE及びTIMEを示す。



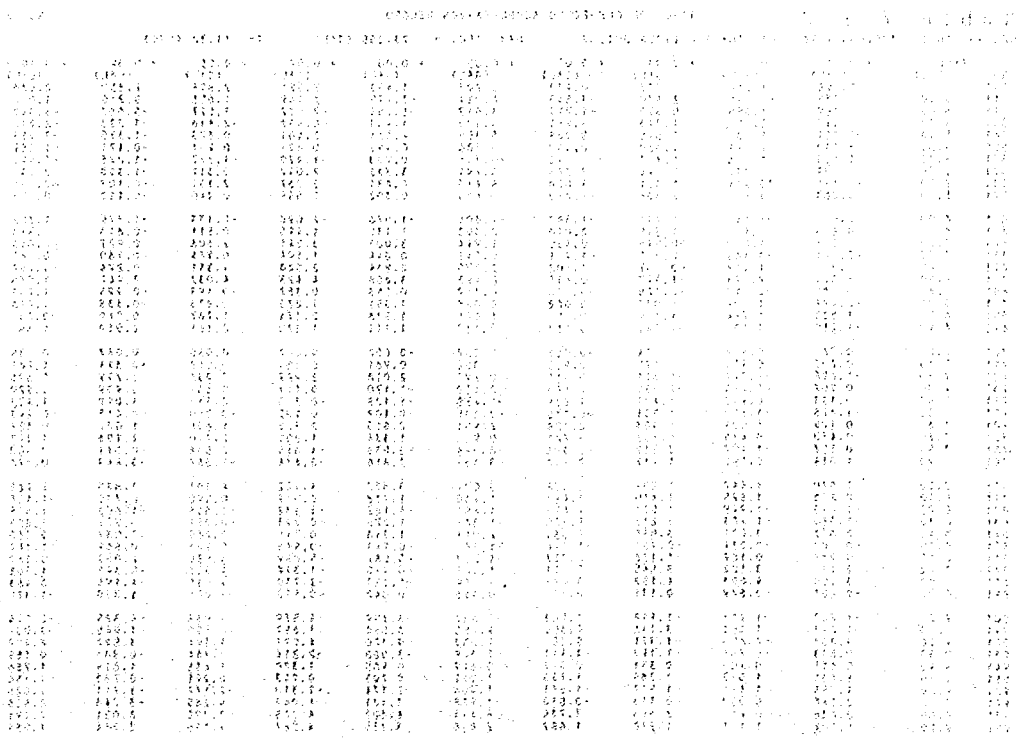


Table 7－1－1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1896 1302-GR-1-26 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 73.055 (GAL) T= 11.32 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.840	-0.428	-0.148	-0.195	-0.575	-1.086	-1.422	-1.325	-0.731	0.182
11	0.10	1.070	1.580	1.523	0.957	0.173	-0.461	-0.660	-0.351	0.309	1.020
21	0.20	1.484	1.528	1.160	0.529	-0.167	-0.774	-1.228	-1.539	-1.741	-1.842
31	0.30	-1.810	-1.605	-1.218	-0.707	-0.182	0.239	0.478	0.528	0.443	0.292
41	0.40	0.122	-0.048	-0.206	-0.306	-0.252	0.070	0.716	1.601	2.480	2.999
51	0.50	2.841	1.893	0.349	-1.309	-2.464	-2.604	-1.544	0.467	2.606	4.688
61	0.60	5.437	4.726	2.683	-0.151	-2.994	-5.050	-5.724	-4.770	-2.352	0.977
71	0.70	4.387	6.945	7.856	6.705	3.638	-0.592	-4.793	-7.681	-8.316	-6.474
81	0.80	-2.785	1.454	4.733	5.901	4.624	1.518	-2.100	-4.753	-5.418	-3.937
91	0.90	-1.067	1.866	3.554	3.271	1.179	-1.756	-4.185	-4.956	-3.599	-0.519
101	1.00	3.173	6.100	7.148	5.880	2.673	-1.438	-5.140	-7.292	-7.287	-5.212
111	1.10	-1.782	1.916	4.768	5.962	5.199	2.742	-0.687	-4.147	-6.744	-7.866
121	1.20	-7.316	-5.318	-2.408	0.733	3.451	5.255	5.882	5.316	3.768	1.640
131	1.30	-0.528	-2.151	-2.720	-1.963	0.030	2.767	5.439	7.158	7.250	5.525
141	1.40	2.391	-1.255	-4.318	-5.899	-5.612	-3.718	-1.000	1.545	3.088	3.251
151	1.50	2.195	0.483	-1.186	-2.271	-2.565	-2.204	-1.595	-0.967	-0.718	-0.846
161	1.60	-1.240	-1.725	-2.143	-2.398	-2.637	-2.217	-1.684	-0.805	0.374	1.673
171	1.70	2.779	3.330	3.045	1.875	0.077	-1.814	-3.141	-3.344	-2.181	0.146
181	1.80	3.012	5.543	6.892	6.528	4.445	1.196	-2.258	-4.843	-5.737	-4.657
191	1.90	-1.982	1.354	4.171	5.453	4.714	2.183	-1.266	-4.422	-6.172	-5.898
201	2.00	-3.695	-0.329	3.054	5.334	5.799	4.356	1.516	-1.822	-4.686	-6.331
211	2.10	-6.418	-5.039	-2.629	0.202	2.832	4.698	5.472	4.999	3.375	0.938
221	2.20	-1.776	-4.124	-5.507	-5.542	-4.198	-1.636	0.871	3.136	4.300	4.053
231	2.30	2.541	0.318	-1.837	-3.180	-3.262	-2.082	-0.096	1.937	3.211	3.165
241	2.40	1.688	-0.814	-3.537	-5.544	-6.100	-4.941	-2.394	0.715	3.347	4.618
251	2.50	4.126	2.103	-0.672	-3.162	-4.456	-4.110	-2.292	0.269	2.670	3.988
261	2.60	3.790	2.175	-0.270	-2.692	-4.274	-4.499	-3.296	-1.041	1.578	3.771
271	2.70	4.887	4.601	3.017	0.652	-1.711	-3.258	-3.423	-2.095	0.299	2.916
281	2.80	4.708	5.164	3.829	1.205	-1.787	-4.072	-4.840	-3.865	-1.583	1.097
291	2.90	3.165	3.910	3.173	1.351	-0.818	-2.586	-3.681	-3.431	-2.688	-1.642
301	3.00	-0.617	0.228	0.880	1.358	1.623	1.558	1.063	0.176	-0.839	-1.558
311	3.10	-1.555	-0.632	1.031	2.896	4.266	4.590	3.724	2.024	0.213	-0.931
321	3.20	-0.916	0.249	2.058	3.732	4.555	4.166	2.685	0.633	-1.312	-2.585
331	3.30	-2.938	-2.478	-1.570	-0.660	-0.104	-0.067	-0.511	-1.243	-1.997	-2.503
341	3.40	-2.547	-2.022	-0.966	0.414	1.767	2.676	2.791	1.922	0.377	-1.544
351	3.50	-3.176	-3.939	-3.496	-1.888	0.472	2.922	4.768	5.492	4.907	3.192
361	3.60	0.838	-1.497	-3.155	-3.650	-2.796	-0.778	1.865	4.358	5.900	5.917
371	3.70	4.273	1.372	-1.938	-4.627	-5.843	-5.233	-3.090	-0.248	2.222	3.426
381	3.80	2.978	1.129	-1.362	-3.545	-4.640	-4.314	-2.753	-0.535	1.607	3.044
391	3.90	3.416	2.690	1.119	-0.845	-2.648	-3.731	-3.643	-2.181	0.484	3.755
401	4.00	6.691	8.268	7.742	4.991	0.675	-3.900	-7.208	-8.067	-6.126	-2.056
411	4.10	2.668	6.310	7.539	5.937	2.147	-2.410	-6.108	-7.744	-6.963	-4.317
421	4.20	-0.966	1.820	3.146	2.772	1.101	-1.071	-2.903	-3.811	-3.608	-2.484
431	4.30	-0.862	0.766	1.976	2.479	2.159	1.078	-0.520	-2.229	-3.551	-4.023
441	4.40	-3.378	-1.680	0.646	2.907	4.370	4.523	3.288	1.077	-1.339	-3.096
451	4.50	-3.551	-2.522	-0.344	2.245	4.371	5.326	4.793	2.931	0.298	-2.347
461	4.60	-4.285	-5.040	-4.185	-2.847	-0.608	1.637	3.330	4.078	3.727	2.384
471	4.70	0.387	-1.775	-3.573	-4.567	-4.523	-3.484	-1.769	0.107	1.585	2.241
481	4.80	1.927	0.829	-0.587	-1.747	-2.174	-1.675	-0.415	1.142	2.413	2.932
491	4.90	2.537	1.430	0.096	-0.902	-1.156	-0.577	0.580	1.838	2.704	2.886

Table 7－1－2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1896 1302-GR-1-26 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 73.055 (GAL) T= 11.32 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	2.398	1.544	0.763	0.433	0.707	1.453	2.321	2.894	2.850	2.086
511	5.10	0.735	-0.895	-2.430	-3.543	-4.021	-3.799	-2.949	-1.658	-0.210	1.052
521	5.20	1.769	1.655	0.590	-1.299	-3.613	-5.754	-7.077	-7.097	-5.683	-3.048
531	5.30	0.113	2.994	4.843	5.211	4.100	1.955	-0.482	-2.816	-3.538	-2.714
541	5.40	-1.029	1.282	3.518	5.028	5.398	4.564	2.801	0.625	-1.375	-2.713
551	5.50	-3.140	-2.694	-1.660	-0.457	0.504	0.952	0.824	0.261	-0.471	-1.089
561	5.60	-1.403	-1.376	-1.120	-0.842	-0.736	-0.900	-1.279	-1.677	-1.825	-1.494
571	5.70	-0.599	0.737	2.194	3.343	3.791	3.332	2.047	0.312	-1.308	-2.244
581	5.80	-2.124	0.924	1.001	3.028	4.473	4.834	3.967	2.131	-0.107	-2.086
591	5.90	-3.283	-3.479	-2.804	-1.649	-0.488	0.302	0.559	0.348	-0.118	-0.603
601	6.00	-0.954	-1.145	-1.254	-1.387	-1.604	-1.876	-2.098	-2.133	-1.879	-1.309
611	6.10	-0.485	0.458	1.348	2.010	2.300	2.130	1.498	0.511	-0.613	-1.573
621	6.20	-2.061	-1.860	-0.948	0.460	1.944	3.005	3.241	2.506	0.987	-0.863
631	6.30	-2.391	-3.165	-2.959	-1.934	-0.545	0.644	1.194	0.964	0.160	-0.760
641	6.40	-1.293	-1.112	-0.207	1.102	2.295	2.864	2.526	1.351	-0.274	-1.767
651	6.50	-2.574	-2.374	-1.193	0.615	2.493	3.686	3.623	4.032	2.942	1.576
661	6.60	0.585	-0.312	-0.128	-0.116	0.319	0.553	0.382	-0.198	-0.995	-1.703
671	6.70	-2.027	-1.804	-1.077	-0.082	0.836	1.351	1.275	0.636	-0.333	-1.276
681	6.80	-1.838	-1.794	-1.129	-0.050	1.094	1.926	2.174	1.767	0.869	-0.267
691	6.90	-1.210	-1.681	-1.541	-0.858	0.139	1.141	1.870	2.164	2.016	1.552
701	7.00	0.965	0.441	0.094	-0.053	-0.057	-0.002	0.042	0.050	0.047	0.085
711	7.10	0.209	0.425	0.695	0.936	1.052	0.961	0.624	0.067	-0.614	-1.264
721	7.20	-1.698	-1.747	-1.311	-0.411	0.792	2.018	2.929	3.236	2.799	1.694
731	7.30	0.207	-1.225	-2.151	-2.546	-2.110	-1.170	-0.111	0.669	0.909	0.579
741	7.40	-0.133	-0.913	-1.464	-1.634	-1.658	-1.128	-0.878	-0.866	-1.099	-1.438
751	7.50	-1.675	-1.650	-1.331	-0.835	-0.365	-0.102	-0.105	-0.280	-0.415	-0.293
761	7.60	0.199	1.001	1.903	2.628	2.956	2.815	2.305	1.634	1.027	0.627
771	7.70	0.460	0.465	0.563	0.721	0.965	1.334	1.800	2.210	2.296	1.778
781	7.80	0.507	-1.407	-3.569	-5.396	-6.324	-6.036	-4.615	-2.538	-0.511	0.800
791	7.90	1.014	0.182	-1.267	-2.707	-3.585	-3.618	-2.874	-1.687	-0.469	0.476
801	8.00	1.070	1.442	1.809	2.332	3.009	3.677	4.102	4.107	3.675	2.964
811	8.10	2.228	1.695	1.460	1.447	1.460	1.288	0.819	0.090	-0.730	-1.428
821	8.20	-1.846	-1.949	-1.822	-1.621	-1.481	-1.462	-1.532	-1.606	-1.606	-1.515
831	8.30	-1.380	-1.283	-1.276	-1.338	-1.368	-1.225	-0.793	-0.051	0.907	1.888
841	8.40	2.672	3.084	3.058	2.651	2.011	1.316	0.711	0.265	-0.037	-0.260
851	8.50	-0.480	-0.731	-0.991	-1.176	-1.186	-0.943	-0.445	0.207	0.819	1.147
861	8.60	0.973	0.189	-1.136	-2.737	-4.203	-5.087	-5.049	-3.984	-2.089	0.169
871	8.70	2.189	3.222	3.565	2.671	1.161	-0.810	-2.372	-3.357	-3.345	-1.108
881	8.80	3.000	4.096	4.159	3.097	1.189	-1.023	-2.930	-4.055	-4.195	-3.463
891	8.90	-2.208	-0.879	0.131	0.600	0.516	0.042	-0.570	-1.081	-1.350	-1.370
901	9.00	-1.262	-1.216	-1.418	-1.968	-2.827	-3.799	-4.579	-4.835	-4.325	-2.994
911	9.10	-1.026	1.181	3.116	4.305	4.455	3.550	1.859	-0.150	-1.945	-3.087
921	9.20	-3.338	-2.698	-1.321	0.309	1.980	3.320	4.097	4.191	3.592	2.609
931	9.30	0.853	-0.788	-2.199	-3.111	-3.379	-3.020	-2.316	-1.244	-0.383	0.181
941	9.40	0.411	0.409	0.351	0.396	0.619	0.985	1.380	1.681	1.814	1.786
951	9.50	1.661	1.515	1.385	1.248	1.042	0.708	0.243	-0.291	-0.788	-1.154
961	9.60	-1.355	-1.441	-1.512	-1.661	-1.908	-2.174	-2.310	-2.172	-1.711	-1.025
971	9.70	-0.348	0.030	-0.113	-0.830	-1.958	-3.161	-4.043	-4.285	-3.746	-2.508
981	9.80	-0.826	0.964	2.555	3.734	4.414	4.602	4.365	3.798	3.021	2.191
991	9.90	1.502	1.151	1.278	1.889	2.816	3.735	4.267	4.118	3.214	1.754

Table 7-1-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1896 1302-GR-1-26 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 73.055 (GAL) T= 11.32 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.155	-1.092	-1.622	-1.334	-0.442	0.620	1.379	1.512	0.978	0.017
1011	10.10	-0.968	-1.588	-1.630	-1.135	-0.360	0.345	0.682	0.517	-0.086	-0.906
1021	10.20	-1.652	-2.056	-1.940	-1.247	-0.055	1.431	2.904	4.002	4.405	3.940
1031	10.30	2.685	1.005	-0.531	-1.322	-0.980	0.483	2.600	4.577	5.580	5.067
1041	10.40	3.029	0.033	-2.967	-4.969	-5.284	-3.758	-0.790	2.866	6.383	9.142
1051	10.50	10.843	11.477	11.193	10.157	8.499	6.365	4.026	1.936	0.687	0.820
1061	10.60	2.504	5.752	9.612	13.160	15.444	15.918	14.488	12.288	9.813	8.136
1071	10.70	7.758	8.605	10.111	11.501	12.150	11.849	10.889	9.905	9.573	10.274
1081	10.80	11.857	13.615	14.473	13.333	9.470	2.842	-5.793	-14.996	-22.978	-28.071
1091	10.90	-29.201	-26.227	-20.038	-12.372	-5.390	-1.131	-0.988	-5.381	-13.696	-24.504
1101	11.00	-35.977	-46.355	-56.329	-59.236	-61.054	-60.235	-57.467	-53.468	-48.853	-44.094
1111	11.10	-39.542	-35.465	-32.075	-29.518	-27.846	-26.980	-26.677	-26.525	-25.966	-24.347
1121	11.20	-21.017	-15.458	-7.426	2.937	15.057	28.001	40.647	51.926	61.041	67.584
1131	11.30	71.521	73.055	72.446	69.891	65.528	59.563	52.443	44.945	38.088	32.869
1141	11.40	29.881	29.017	29.403	29.646	28.324	24.532	18.247	10.326	2.133	-5.076
1151	11.50	-10.720	-15.166	-19.559	-25.270	-33.196	-43.221	-54.071	-63.648	-69.692	-70.524
1161	11.60	-65.552	-55.393	-41.588	-26.084	-10.727	3.064	14.358	22.596	27.442	28.749
1171	11.70	26.684	21.926	15.781	10.088	6.861	7.634	13.101	22.582	34.145	45.004
1181	11.80	52.201	53.355	47.276	34.277	16.134	-4.260	-23.474	-38.203	-45.930	-45.447
1191	11.90	-37.161	-23.082	-6.459	8.895	19.473	22.928	18.673	8.034	-6.113	-20.134
1201	12.00	-30.615	-35.246	-33.324	-25.767	-14.663	-2.554	8.275	16.290	20.846	22.033
1211	12.10	20.355	16.445	10.930	4.492	-1.996	-7.383	-10.347	-9.715	-4.911	3.653
1221	12.20	14.454	25.092	32.893	35.654	32.325	23.332	10.461	-3.684	-16.422	-25.684
1231	12.30	-30.633	-30.633	-27.064	-20.799	-12.913	-4.329	4.115	11.516	16.846	19.073
1241	12.40	17.491	12.095	3.822	-5.523	-13.498	-18.691	-19.404	-16.065	-10.211	-4.206
1251	12.50	-0.463	-0.638	-5.069	-12.656	-21.203	-28.092	-31.075	-28.923	-21.757	-11.001
1261	12.60	1.029	11.728	18.866	21.109	18.312	11.498	2.573	-6.166	-12.586	-15.209
1271	12.70	-13.518	-8.011	-0.016	8.677	16.258	21.287	22.971	21.242	16.687	10.336
1281	12.80	3.396	-2.996	-7.973	-11.031	-12.036	-11.159	-8.780	-5.404	-1.620	1.909
1291	12.90	4.448	5.253	3.708	-0.448	-6.886	-14.547	-21.705	-26.292	-26.440	-21.080
1301	13.00	-10.404	4.019	19.545	33.117	42.090	44.935	41.610	33.661	22.741	11.911
1311	13.10	2.980	-2.913	-5.600	-5.689	-4.223	-2.304	-0.828	-0.333	-0.966	-2.533
1321	13.20	-4.596	-6.606	-8.088	-8.826	-8.990	-9.138	-10.029	-12.288	-16.018	-20.536
1331	13.30	-24.395	-25.740	-22.937	-15.256	-3.340	10.762	24.070	33.519	36.920	33.677
1341	13.40	25.011	13.592	2.723	-4.668	-6.862	-3.770	3.174	11.572	18.834	22.915
1351	13.50	22.786	18.549	11.225	2.348	-6.479	-13.921	-19.098	-21.617	-21.507	-19.119
1361	13.60	-15.041	-10.017	-4.872	-0.417	2.679	4.004	3.491	1.431	-1.592	-4.838
1371	13.70	-7.566	-9.179	-9.302	-7.816	-4.842	-0.709	4.067	8.822	12.795	15.235
1381	13.80	15.563	13.563	9.535	4.326	-0.799	-4.474	-5.634	-3.914	0.144	5.148
1391	13.90	9.223	10.579	8.125	1.882	-6.931	-16.231	-23.711	-27.584	-27.171	-23.111
1401	14.00	-17.104	-11.281	-7.421	-6.298	-7.429	-9.291	-9.943	-7.812	-2.332	5.782
1411	14.10	14.749	22.315	26.499	26.236	21.670	14.073	5.396	-2.305	-7.404	-9.044
1421	14.20	-7.226	-2.695	3.312	9.357	14.083	16.477	16.075	13.086	8.374	3.259
1431	14.30	-0.850	-2.907	-2.612	-0.550	1.988	3.485	2.810	-0.289	-5.029	-9.857
1441	14.40	-13.068	-13.508	-11.082	-6.826	-2.518	0.040	-0.259	-1.375	-0.158	-2.819
1451	14.50	-15.635	-15.583	-12.643	-7.672	-1.941	3.415	7.779	11.104	13.643	15.539
1461	14.60	16.523	15.909	12.926	7.246	-0.562	-8.908	-15.515	-18.157	-15.517	-7.844
1471	14.70	2.905	13.532	20.558	21.351	15.035	2.846	-12.178	-26.087	-35.176	-37.040
1481	14.80	-31.208	-19.186	-3.948	10.936	22.245	27.877	27.254	21.306	12.106	2.262
1491	14.90	-5.747	-10.141	-10.201	-6.352	0.049	7.140	13.096	16.619	17.248	15.386

Table 7-1-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1896 1302-GR-1-26 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 73.055 (GAL) T= 11.32 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	12.054	8.458	5.539	3.659	2.560	1.579	0.043	-2.343	-5.276	-7.907
1511	15.10	-9.165	-8.223	-4.935	-0.049	4.895	7.984	7.536	2.711	-6.094	-17.196
1521	15.20	-27.979	-35.556	-37.583	-32.972	-22.299	-7.760	7.343	19.460	25.770	24.975
1531	15.30	17.685	6.250	-5.911	-15.305	-19.356	-17.113	-9.447	1.301	12.086	20.077
1541	15.40	23.446	21.772	15.995	7.964	-0.220	-6.828	-10.923	-12.443	-12.002	-10.511
1551	15.50	-8.781	-7.253	-5.935	-4.525	-2.662	-0.174	2.764	5.638	7.748	8.469
1561	15.60	7.677	5.012	1.671	-1.558	-3.684	-4.009	-2.360	0.828	4.632	7.917
1571	15.70	9.681	9.380	7.095	3.511	-0.301	-3.222	-4.486	-3.486	-1.295	1.937
1581	15.80	3.039	7.183	7.932	7.321	5.779	3.914	2.291	1.260	0.914	1.152
1591	15.90	1.802	2.716	3.799	4.960	6.046	6.814	6.987	6.390	5.088	3.444
1601	16.00	2.041	1.462	2.023	3.584	5.535	7.006	7.215	5.803	3.018	-0.376
1611	16.10	-3.403	-5.283	-5.753	-5.144	-4.193	-3.881	-4.062	-5.273	-6.811	-8.020
1621	16.20	-8.147	-8.067	-7.306	-6.772	-6.914	-7.141	-8.767	-9.221	-8.426	-6.172
1631	16.30	-2.884	0.499	2.897	3.542	2.325	-0.140	-4.020	-4.632	-4.432	-2.835
1641	16.40	-0.373	1.802	2.600	1.419	-1.610	-5.662	-9.515	-11.973	-12.248	-10.295
1651	16.50	-6.617	-2.249	1.684	4.299	5.190	4.508	2.841	0.983	-0.342	-0.709
1661	16.60	-0.092	1.168	2.517	3.397	3.440	2.577	1.049	-0.686	-2.103	-2.762
1671	16.70	-2.419	-1.071	1.064	3.613	6.133	8.192	9.435	9.642	8.770	6.970
1681	16.80	4.593	2.135	0.151	-0.869	-0.638	0.836	3.222	5.928	8.245	9.528
1691	16.90	9.368	7.695	4.786	1.186	-2.445	-5.485	-7.480	-8.210	-7.892	-6.135
1701	17.00	-3.883	-1.358	0.996	2.760	3.611	3.392	2.170	0.256	-1.853	-3.609
1711	17.10	-4.586	-4.634	-3.940	-2.965	-2.253	-2.196	-2.842	-3.852	-4.629	-4.578
1721	17.20	-3.402	-1.282	1.135	2.960	3.418	2.178	-0.466	-3.668	-6.329	-7.498
1731	17.30	-6.737	-4.279	-0.943	2.174	4.088	4.269	2.806	0.344	-2.151	-3.710
1741	17.40	-3.684	-1.821	1.499	5.564	9.435	12.203	13.212	12.224	9.481	5.650
1751	17.50	1.653	-1.580	-3.378	-3.512	-2.255	-0.269	1.635	2.784	2.855	1.953
1761	17.60	-0.519	-1.993	-2.553	-2.823	-3.165	-3.897	-5.073	-6.415	-7.383	-7.383
1771	17.70	-7.379	-5.994	-3.208	0.548	4.479	7.666	9.245	8.854	6.569	2.995
1781	17.80	-0.913	-4.113	-5.773	-5.500	-3.451	-0.257	3.192	6.051	7.794	8.161
1791	17.90	8.119	7.654	7.478	7.790	8.386	8.766	8.403	7.022	4.787	2.266
1801	18.00	0.211	-0.778	-0.534	0.571	1.759	2.150	1.123	-1.436	-5.086	-8.997
1811	18.10	-12.269	-14.132	-14.343	-13.025	-10.674	-7.976	-5.648	-4.312	-4.402	-6.073
1821	18.20	-9.134	-13.003	-16.763	-19.350	-19.851	-17.832	-13.555	-7.975	-2.465	1.640
1831	18.30	3.522	3.172	1.375	-0.631	-1.659	-1.050	1.077	4.017	6.662	8.172
1841	18.40	8.135	6.887	5.134	3.721	3.269	3.991	5.699	7.957	10.283	12.175
1851	18.50	13.635	14.132	13.571	11.838	9.019	5.513	2.046	-0.490	-1.333	-0.184
1861	18.60	2.596	6.018	8.796	9.791	8.454	5.041	0.521	-3.788	-6.694	-7.530
1871	18.70	-6.322	-3.684	-0.530	2.259	4.077	4.664	4.042	2.393	-0.037	-2.953
1881	18.80	-5.984	-8.678	-10.538	-11.179	-10.477	-8.671	-6.319	-4.123	-2.679	-2.254
1891	18.90	-2.728	-3.668	-4.572	-5.104	-5.225	-5.156	-5.200	-5.500	-5.895	-5.929
1901	19.00	-5.046	-2.883	0.486	4.461	8.045	10.166	10.054	7.553	3.239	-1.715
1911	19.10	-5.857	-7.878	-7.002	-3.216	2.710	9.417	15.313	18.979	19.534	16.838
1921	19.20	11.500	4.684	-2.230	-8.015	-11.891	-13.654	-13.606	-12.550	-10.527	-8.610
1931	19.30	-6.834	-5.268	-3.956	-3.048	-2.819	-3.563	-5.402	-8.113	-11.066	-13.348
1941	19.40	-14.028	-12.645	-8.568	-2.837	3.763	10.089	15.137	18.269	19.301	18.441
1951	19.50	16.148	12.988	9.549	6.402	4.111	3.128	3.734	5.884	9.119	12.609
1961	19.60	15.330	14.370	15.231	12.020	7.436	2.550	-1.556	-4.125	-4.959	-4.604
1971	19.70	-3.176	-2.044	-1.658	-2.193	-3.530	-5.278	-6.941	-8.084	-8.391	-7.935
1981	19.80	-6.169	-3.936	-1.455	0.724	2.023	2.007	0.546	-2.068	-5.150	-7.803
1991	19.90	-9.189	-8.847	-6.861	-3.752	-0.447	2.145	3.527	3.574	2.592	1.048

Table 7-1-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1896 1302-GR-1-26 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 73.055 (GAL) T= 11.32 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.566	-2.117	-3.643	-5.309	-7.184	-9.077	-10.537	-11.001	-10.045	-7.610
2011	20.10	-4.097	-0.270	2.989	4.973	5.377	4.372	2.510	0.519	-0.931	-1.397
2021	20.20	-0.730	0.947	3.319	5.966	8.427	10.273	11.151	10.850	9.369	6.944
2031	20.30	4.020	1.160	-1.098	-2.383	-2.576	-1.824	-0.476	1.035	2.274	2.903
2041	20.40	2.703	1.594	-0.356	-2.920	-5.713	-8.237	-9.980	-10.558	-9.844	-8.038
2051	20.50	-5.619	-3.194	-1.294	-0.194	0.156	0.065	-0.064	0.080	0.605	1.419
2061	20.60	2.337	3.226	4.091	5.058	6.260	7.691	9.136	10.220	10.575	10.048
2071	20.70	8.837	7.463	6.579	6.676	7.834	9.628	11.254	11.821	10.700	7.775
2081	20.80	3.493	-1.293	-5.617	-8.707	-10.182	-10.084	-8.779	-6.787	-4.630	-2.745
2091	20.90	-1.472	-1.051	-1.618	-3.155	-5.440	-8.036	-10.363	-11.848	-12.113	-11.116
2101	21.00	-9.185	-6.895	-4.880	-3.597	-3.181	-3.427	-3.909	-4.164	-3.879	-2.990
2111	21.10	-1.668	-0.220	1.047	1.938	2.412	2.556	2.520	2.445	2.419	2.470
2121	21.20	2.585	2.737	2.906	3.076	3.231	3.343	3.372	3.271	3.006	2.566
2131	21.30	1.977	1.306	0.645	0.111	-0.196	-0.206	0.094	0.663	1.425	2.296
2141	21.40	3.215	4.156	5.100	5.987	6.667	6.886	6.335	4.767	2.143	-1.260
2151	21.50	-4.832	-7.762	-9.263	-8.860	-6.592	-3.069	0.678	3.508	4.542	3.454
2161	21.60	0.584	-3.175	-6.684	-8.932	-9.360	-8.014	-5.493	-2.724	-0.642	0.093
2171	21.70	-0.722	-2.815	-5.557	-8.173	-9.963	-10.481	-9.619	-7.598	-4.879	-2.022
2181	21.80	0.457	2.206	3.095	3.220	2.862	2.291	1.863	1.738	1.947	2.186
2191	21.90	2.870	3.214	3.295	3.093	2.682	2.193	1.763	1.482	1.369	1.373
2201	22.00	1.406	1.352	1.251	1.017	0.735	0.483	0.333	0.332	0.481	0.748
2211	22.10	1.081	1.422	1.728	1.980	2.187	2.392	2.663	3.085	3.726	4.607
2221	22.20	5.663	6.732	7.576	7.953	7.703	6.835	5.565	4.264	3.343	3.086
2231	22.30	3.522	4.331	5.133	5.269	4.619	2.622	0.249	-2.014	-3.469	-3.663
2241	22.40	-2.572	-0.628	1.435	2.843	3.055	1.933	-0.243	-2.920	-5.490	-7.502
2251	22.50	-8.775	-9.393	-9.594	-9.629	-9.644	-9.645	-9.534	-9.192	-8.556	-7.666
2261	22.60	-6.634	-5.612	-4.705	-3.935	-3.225	-2.439	-1.433	-0.124	1.462	3.177
2271	22.70	4.782	6.007	6.669	6.647	6.125	5.369	4.737	4.538	4.912	5.777
2281	22.80	6.861	7.815	8.356	8.388	8.011	7.465	6.966	6.567	6.118	5.303
2291	22.90	3.803	1.482	-1.502	-4.706	-7.547	-9.516	-10.367	-10.195	-9.366	-8.343
2301	23.00	-7.484	-6.926	-6.592	-6.315	-6.008	-5.769	-5.872	-6.628	-8.185	-10.364
2311	23.10	-12.629	-14.217	-14.368	-12.694	-9.168	-4.341	0.902	5.585	8.925	10.535
2321	23.20	10.493	9.273	7.573	6.106	5.409	5.724	6.966	8.773	10.633	12.039
2331	23.30	12.646	12.372	11.421	10.169	9.102	8.425	8.126	7.865	7.117	5.411
2341	23.40	2.577	-1.099	-4.904	-7.908	-9.304	-8.738	-6.488	-3.418	-0.694	0.630
2351	23.50	-0.010	-2.468	-5.945	-9.281	-11.375	-11.578	-9.901	-6.986	-3.865	-1.491
2361	23.60	-0.599	-1.309	-3.239	-5.665	-7.769	-8.984	-8.941	-7.688	-5.498	-2.764
2371	23.70	0.121	2.828	5.110	6.791	7.769	8.030	7.678	6.946	6.162	5.669
2381	23.80	5.717	6.369	7.476	8.733	9.803	10.463	10.698	10.759	11.106	
2391	23.90	11.743	12.384	12.524	11.620	9.333	5.708	1.231	-3.285	-6.952	-9.098
2401	24.00	-9.488	-8.400	-6.517	-4.687	-3.633	-3.733	-4.936	-6.824	-8.801	-10.304
2411	24.10	-10.984	-10.773	-9.856	-8.545	-7.254	-6.193	-5.529	-5.283	-5.390	-5.739
2421	24.20	-6.204	-6.649	-6.938	-6.938	-6.535	-5.663	-4.330	-2.633	-0.755	1.070
2431	24.30	2.603	3.657	4.139	4.078	3.605	2.920	2.228	1.682	1.350	1.213
2441	24.40	1.202	1.255	1.363	1.579	1.990	2.648	3.502	4.367	4.965	5.019
2451	24.50	4.377	3.113	1.539	0.118	-0.693	-0.635	0.237	1.540	2.684	3.079
2661	24.60	2.352	0.497	-2.105	-4.796	-6.840	-7.640	-6.906	-4.723	-1.521	2.049
2471	24.70	5.266	7.508	8.381	7.810	6.048	3.629	1.239	-0.461	-1.011	-0.293
2481	24.80	1.432	3.603	5.543	6.680	6.727	5.765	4.182	2.510	1.227	0.601
2491	24.90	0.636	1.121	1.762	2.301	2.596	2.620	2.404	1.963	1.271	0.272

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

INDEX NO. 1896 1302-GR-1-26 HA. (HA.) CHIYODA BRIDGE MAXI ACC. = 73.055 (GAL) T= 11.32 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-1.060	-2.670	-4.403	-6.051	-7.421	-8.408	-9.015	-9.318	-9.400	-9.275
2511	25.10	-8.880	-8.116	-6.937	-5.427	-3.818	-2.428	-1.539	-1.271	-1.521	-2.000
2521	25.20	-2.356	-2.324	-1.859	-1.131	-0.441	-0.058	-0.076	-0.350	-0.558	-0.348
2531	25.30	0.492	1.921	3.654	5.280	6.434	6.944	6.885	6.517	6.138	5.937
2541	25.40	5.908	5.867	5.566	4.816	3.608	2.096	0.531	-0.870	-2.011	-2.945
2551	25.50	-3.797	-4.606	-5.523	-6.209	-6.505	-6.265	-5.528	-4.549	-3.706	-3.364
2561	25.60	-3.498	-4.350	-5.181	-5.627	-5.339	-4.250	-2.607	-0.863	0.513	1.233
2571	25.70	1.287	0.916	0.480	0.291	0.504	1.106	1.993	3.082	4.371	5.916
2581	25.80	7.734	9.683	11.423	12.477	12.410	11.024	8.495	5.356	2.335	0.087
2591	25.90	-1.036	-1.098	-0.524	0.109	0.323	-0.083	-0.980	-2.020	-2.827	-3.171
2601	26.00	-3.059	-2.694	-2.351	-2.240	-2.413	-2.770	-3.137	-3.367	-3.400	-3.270
2611	26.10	-3.051	-2.796	-2.506	-2.143	-1.691	-1.196	-0.780	-0.589	-0.709	-1.096
2621	26.20	-1.567	-1.855	-1.722	-1.066	0.025	1.304	2.467	3.275	3.634	3.610
2631	26.30	3.360	3.028	2.670	2.237	1.630	0.795	-0.199	-1.137	-1.728	-1.718
2641	26.40	-1.005	0.294	1.872	3.334	4.336	4.703	4.475	3.874	3.207	2.751
2651	26.50	2.661	2.937	3.448	3.992	4.367	4.426	4.105	3.621	2.464	1.373
2661	26.60	0.312	-0.550	-1.079	-1.205	-0.943	-0.399	0.251	0.814	1.127	1.105
2671	26.70	0.757	0.171	-0.526	-1.217	-1.827	-2.338	-2.775	-3.170	-3.544	-3.882
2681	26.80	-4.146	-4.297	-4.322	-4.258	-4.191	-4.243	-4.529	-5.133	-5.969	-6.984
2691	26.90	-7.871	-8.426	-8.403	-7.697	-6.384	-4.723	-3.092	-1.873	-1.305	-1.381
2701	27.00	-1.823	-2.159	-1.892	-0.702	1.400	4.028	6.530	8.204	8.560	7.526
2711	27.10	5.502	3.243	1.603	1.227	2.318	4.553	7.192	9.333	10.225	9.517
2721	27.20	7.370	4.385	1.393	-0.827	-1.785	-1.416	-0.069	1.627	2.974	3.409
2731	27.30	2.655	0.767	-1.908	-4.855	-7.536	-9.530	-10.622	-10.832	-10.377	-9.586
2741	27.40	-8.800	-8.270	-8.095	-8.212	-8.424	-8.480	-8.155	-7.327	-6.012	-4.356
2751	27.50	-2.593	-0.927	0.447	1.480	2.225	2.884	3.388	4.049	4.822	5.655
2761	27.60	6.459	7.149	7.686	8.077	8.356	8.546	8.632	8.559	8.272	7.762
2771	27.70	7.099	6.421	5.874	5.522	5.275	4.888	4.041	2.481	0.180	-2.578
2781	27.80	-5.234	-7.123	-7.713	-6.830	-4.762	-2.193	0.031	1.199	0.994	-0.395
2791	27.90	-2.361	-4.116	-4.989	-4.657	-3.237	-1.195	0.852	2.374	3.093	3.032
2801	28.00	2.446	1.676	1.034	0.694	0.688	0.963	1.338	1.748	2.071	2.234
2811	28.10	2.200	1.985	1.646	1.373	1.271	1.484	2.039	2.835	3.652	4.231
2821	28.20	4.365	3.984	3.183	2.180	1.224	0.491	0.025	-0.262	-0.525	-0.899
2831	28.30	-1.407	-1.959	-2.384	-2.516	-2.274	-1.706	-0.974	-0.293	0.152	0.269
2841	28.40	0.076	-0.320	-0.760	-1.192	-1.506	-1.741	-1.963	-2.241	-2.611	-3.048
2851	28.50	-3.467	-3.751	-3.795	-3.560	-3.119	-2.665	-2.482	-2.860	-3.988	-5.845
2861	28.60	-8.158	-10.428	-12.054	-12.520	-11.565	-9.302	-6.200	-2.958	-0.288	1.305
2871	28.70	1.663	1.000	-0.208	-1.396	-2.104	-2.093	-1.366	-0.109	1.423	2.997
2881	28.80	4.452	5.483	6.003	7.011	6.209	5.241	3.627	1.867	0.342	
2891	28.90	-0.620	-0.830	-0.297	0.779	2.069	3.220	3.948	4.097	3.651	2.705
2901	29.00	1.420	-0.024	-1.456	-2.724	-3.697	-4.270	-4.376	-4.001	-3.193	-2.071
2911	29.10	-0.803	0.414	1.399	2.015	2.200	1.976	1.450	0.789	0.188	-0.172
2921	29.20	-0.167	0.242	0.999	1.970	2.976	3.845	4.443	4.703	6.617	4.222
2931	29.30	3.582	2.771	1.879	1.018	0.308	-0.192	-0.106	0.334	1.156	2.173
2941	29.40	3.124	3.837	3.305	2.276	0.972	-0.301	-1.248	-1.454	-1.454	-1.446
2951	29.50	-0.677	0.173	1.754	2.891	3.639	3.828	3.600	2.438	1.156	-0.128
2961	29.60	-1.069	-1.387	-0.953	0.156	1.664	3.170	4.262	4.648	4.240	3.174
2971	29.70	1.755	0.339	-0.703	-1.473	-1.770	-1.837	-1.877	-2.035	-2.346	-2.729
2981	29.80	-3.062	-3.150	-2.996	-2.623	-2.158	-1.761	-1.563	-1.621	-1.908	-2.332
2991	29.90	-2.774	-3.131	-3.346	-3.414	-3.379	-3.313	-3.292	-3.373	-3.568	-3.832

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

INDEX NO. 1896 1302-GR-1-26 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 73.055 (GAL) T= 11.32 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-4.053	-4.071	-3.725	-2.908	-1.631	-0.053	1.534	2.773	3.351	3.102
3011	30.10	2.081	0.556	-1.067	-2.363	-3.014	-2.888	-2.054	-0.728	0.805	2.275
3021	30.20	3.475	4.270	4.592	4.436	3.865	3.032	2.177	1.587	1.515	2.076
3031	30.30	3.154	4.412	5.368	5.559	4.727	2.933	0.566	-1.795	-3.562	-4.361
3041	30.40	-4.166	-3.190	-1.958	-0.922	-0.398	-0.473	-1.026	-1.830	-2.660	-3.366
3051	30.50	-3.868	-4.137	-4.130	-3.785	-3.060	-1.988	-0.722	0.471	1.290	1.514
3061	30.60	1.102	0.231	-0.755	-1.464	-1.597	-1.047	0.077	1.511	2.945	4.126
3071	30.70	4.913	5.277	5.246	4.855	4.113	3.024	1.636	0.085	-1.391	-2.496
3081	30.80	-2.970	-2.684	-1.717	-0.358	0.967	1.822	1.894	1.105	-0.368	-2.142
3091	30.90	-3.748	-4.777	-4.997	-4.409	-3.227	-1.789	-0.449	0.524	0.999	0.970
3101	31.00	0.518	-0.253	-1.243	-2.364	-3.507	-4.522	-5.218	-5.410	-4.987	-3.982
3111	31.10	-2.587	-1.118	0.090	0.790	0.906	0.552	-0.032	-0.578	-0.887	-0.875
3121	31.20	-0.566	-0.027	0.686	1.552	2.565	3.677	4.758	5.601	5.987	5.785
3131	31.30	5.033	3.946	2.862	2.101	1.862	2.047	2.479	2.809	2.746	2.154
3141	31.40	1.083	-0.263	-1.631	-2.795	-3.606	-3.983	-3.905	-3.371	-2.429	-1.214
3151	31.50	0.918	0.907	1.072	0.256	-1.543	-4.011	-6.569	-8.538	-9.356	-8.768
3161	31.60	-6.911	-4.258	-1.457	0.872	2.313	2.731	2.253	1.180	-0.122	-1.312
3171	31.70	-2.116	-2.353	-1.945	-0.934	0.500	2.068	3.323	3.959	3.729	2.637
3181	31.80	0.943	-0.906	-2.417	-3.217	-3.171	-2.420	-1.308	-0.268	0.441	0.633
3191	31.90	0.426	0.070	-0.144	-0.015	0.499	1.267	2.057	2.630	2.845	2.710
3201	32.00	2.381	2.099	2.092	2.489	3.268	4.263	5.224	5.911	6.178	6.023
3211	32.10	5.575	5.039	4.611	4.408	4.431	4.584	4.727	4.736	4.545	4.156
3221	32.20	3.615	2.971	2.254	1.470	0.628	-0.235	-1.030	-1.637	-1.938	-1.870
3231	32.30	-1.462	-0.837	-0.183	0.303	0.475	0.275	-0.251	-0.977	-1.722	-2.299
3241	32.40	-2.551	-2.385	-1.798	-0.888	0.158	1.098	1.697	1.795	1.367	0.532
3251	32.50	-0.476	-1.391	-1.999	-2.210	-2.076	-1.746	-1.396	-1.150	-1.037	-0.996
3261	32.60	-0.927	-0.742	-0.414	0.030	0.532	1.047	1.562	2.093	2.648	3.202
3271	32.70	3.683	4.004	4.112	4.030	3.864	3.763	3.839	4.090	4.374	4.439
3281	32.80	4.023	2.965	1.293	-0.770	-2.869	-4.640	-5.826	-6.354	-6.335	-6.004
3291	32.90	-5.620	-5.394	-5.440	-5.783	-6.385	-7.172	-8.050	-8.901	-9.584	-9.950
3301	33.00	-9.883	-9.349	-8.430	-7.309	-6.214	-5.327	-4.709	-4.268	-3.801	-3.091
3311	33.10	-2.014	-0.616	0.888	2.191	3.017	3.236	2.918	2.313	1.751	1.520
3321	33.20	1.271	2.480	3.474	4.513	5.373	5.902	6.010	5.798	5.232	4.415
3331	33.30	3.435	2.400	1.429	0.637	0.099	-0.188	-0.311	-0.418	-0.655	-1.107
3341	33.40	-1.748	-2.456	-3.061	-3.629	-3.524	-3.423	-3.279	-3.232	-3.337	-3.522
3351	33.50	-3.616	-3.434	-2.873	-1.974	-0.926	0.010	0.605	0.759	0.532	0.119
3361	33.60	-0.245	-0.381	-0.230	0.144	0.609	1.043	1.394	1.693	2.022	2.451
3371	33.70	2.988	3.569	4.089	4.466	4.686	4.829	5.027	5.407	6.018	6.797
3381	33.80	7.568	8.105	8.197	7.728	6.711	5.292	3.716	2.267	1.199	0.479
3391	33.90	0.744	1.280	2.046	2.728	3.021	2.719	1.786	0.370	-1.238	-2.707
3401	34.00	-3.779	-4.357	-4.525	-4.495	-4.497	-4.667	-4.977	-5.253	-5.257	-4.816
3411	34.10	-3.916	-2.739	-1.606	-0.855	-0.707	-1.173	-2.040	-2.937	-3.463	-3.312
3421	34.20	-2.369	-0.736	1.302	3.358	5.040	6.038	6.189	5.505	4.168	2.490
3431	34.30	0.866	-0.414	-1.056	-1.024	-0.456	0.355	1.046	1.298	0.928	-0.055
3441	34.40	-1.461	-2.983	-4.285	-5.100	-5.296	-4.890	-4.050	-3.027	-2.093	-1.469
3451	34.50	-1.270	-1.470	-1.912	-2.356	-2.558	-2.366	-1.786	-0.998	-0.299	0.009
3461	34.60	-0.255	-1.059	-2.145	-3.113	-3.571	-3.291	-2.307	-0.913	0.442	1.324
3471	34.70	1.470	0.875	-0.221	-1.446	-2.439	-2.972	-3.005	-2.657	-2.124	-1.586
3481	34.80	-1.155	-0.858	-0.676	-0.582	-0.561	-0.602	-0.667	-0.673	-0.496	-0.017
3491	34.90	0.820	1.956	3.216	4.353	5.128	5.390	5.124	4.442	3.526	2.560

Table 7-1-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1896 1302-GR-1-26 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 73.055 (GAL) T= 11.32 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	1.667	0.897	0.251	-0.277	-0.666	-0.868	-0.833	-0.571	-0.161	0.244
3511	35.10	0.487	0.453	0.142	-0.127	-0.271	-1.018	-0.994	-0.757	-0.476	-0.347
3521	35.20	-0.495	-0.901	-1.391	-1.700	-1.582	-0.915	0.227	1.598	2.859	3.705
3531	35.30	3.977	3.718	3.155	2.611	2.384	2.644	3.381	4.413	5.463	6.254
3541	35.40	6.600	6.458	5.931	5.217	4.537	4.057	3.829	3.780	3.738	3.491
3551	35.50	2.870	1.820	0.434	-1.052	-2.319	-3.061	-3.085	-2.387	-1.177	0.173
3561	35.60	1.235	1.654	1.268	0.165	-1.338	-2.794	-3.767	-3.965	-3.329	-2.042
3571	35.70	-0.450	1.045	2.117	2.597	2.493	1.952	1.180	0.368	-0.362	-0.959
3581	35.80	-1.421	-1.750	-1.927	-1.910	-1.659	-1.165	-0.471	0.327	1.112	1.772
3591	35.90	2.233	2.457	2.434	2.158	1.626	0.850	-0.108	-1.116	-1.971	-2.452
3601	36.00	-2.393	-1.775	-0.766	0.296	1.003	1.007	0.156	-1.447	-3.462	-5.429
3611	36.10	-6.923	-7.686	-7.701	-7.167	-6.405	-5.728	-5.345	-5.313	-5.555	-5.921
3621	36.20	-6.248	-6.412	-6.335	-5.980	-5.343	-4.656	-3.396	-2.292	-1.316	-0.631
3631	36.30	-0.336	-0.419	-0.739	-1.072	-1.189	-0.936	-0.299	0.610	1.599	2.486
3641	36.40	3.170	3.652	4.010	4.334	4.662	4.958	5.122	5.080	4.787	4.314
3651	36.50	3.801	3.406	3.227	3.278	3.467	3.654	3.711	3.575	3.262	2.844
3661	36.60	2.403	1.985	1.596	1.211	0.825	0.475	0.245	0.235	0.500	1.011
3671	36.70	1.638	2.189	2.478	2.403	1.991	1.395	0.832	0.500	0.493	0.757
3681	36.80	1.111	1.314	1.160	0.560	-0.417	-1.571	-2.638	-3.388	-3.706	-3.630
3691	36.90	-3.331	-3.046	-2.995	-3.298	-3.946	-4.812	-5.707	-6.446	-6.907	-7.051
3701	37.00	-6.909	-6.539	-5.995	-5.298	-4.451	-3.468	-2.401	-1.357	-0.468	0.145
3711	37.10	0.428	0.422	0.261	0.122	0.167	0.481	1.049	1.762	2.474	3.050
3721	37.20	3.615	3.564	3.547	3.429	3.259	3.051	2.792	2.464	2.067	1.626
3731	37.30	1.187	0.791	0.464	0.202	-0.019	-0.227	-0.435	-0.635	-0.802	-0.910
3741	37.40	-0.942	-0.899	-0.793	-0.634	-0.422	-0.144	0.207	0.614	1.025	1.353
3751	37.50	1.494	1.368	0.951	0.299	-0.455	-1.130	-1.549	-1.585	-1.204	-0.472
3761	37.60	0.461	1.398	2.149	2.579	2.638	2.367	1.886	1.353	0.925	0.713
3771	37.70	0.765	1.056	1.518	2.062	2.611	3.117	3.555	3.904	4.126	4.150
3781	37.80	3.889	3.271	2.285	1.021	-0.324	-1.581	-2.179	-2.233	-1.616	-0.486
3791	37.90	0.841	1.976	2.588	2.414	1.515	0.088	-1.505	-2.855	-3.628	-3.652
3801	38.00	-2.961	-1.781	-0.461	0.627	1.186	1.068	0.307	-0.896	-2.230	-3.355
3811	38.10	-3.991	-3.979	-3.317	-2.152	-0.733	0.650	1.740	2.369	2.489	2.467
3821	38.20	1.561	0.869	0.283	-0.052	-0.059	0.268	0.875	1.669	2.539	3.375
3831	38.30	4.080	4.576	4.805	4.735	4.364	3.724	2.888	1.969	1.103	0.435
3841	38.40	0.084	0.116	0.512	1.176	1.934	2.575	2.994	3.114	2.935	1.050
3851	38.50	-0.250	-0.690	-2.901	-3.751	-4.159	-4.154	-3.868	-3.489	-3.206	-3.151
3861	38.60	-3.361	-3.771	-4.242	-4.619	-4.789	-4.722	-4.487	-4.216	-4.047	-4.070
3871	38.70	-4.280	-4.587	-4.851	-4.951	-4.835	-4.543	-4.187	-3.886	-3.712	-3.638
3881	38.80	-3.556	-3.320	-2.824	-2.059	-1.129	-0.220	0.480	0.855	0.911	0.766
3891	38.90	0.602	0.586	0.808	1.252	1.824	2.390	2.834	3.084	3.114	2.928
3901	39.00	2.547	2.012	1.406	0.867	0.581	0.735	1.437	2.641	4.115	5.484
3911	39.10	6.338	6.388	5.560	4.144	2.527	1.241	0.689	1.019	2.087	3.519
3921	39.20	4.860	5.725	5.916	5.452	4.520	3.378	2.269	1.359	0.732	0.401
3931	39.30	0.339	0.486	0.746	0.991	1.080	0.902	0.427	-0.254	-0.954	-1.444
3941	39.40	-1.558	-1.269	-0.722	-0.190	0.035	-0.238	-1.017	-2.111	-3.209	-3.994
3951	39.50	-4.241	-3.978	-3.280	-2.394	-1.557	-0.924	-0.561	-0.452	-0.538	-0.756
3961	39.60	-1.044	-1.339	-1.559	-1.610	-1.420	-0.974	-0.362	0.327	0.858	1.116
3971	39.70	1.069	0.798	0.460	0.206	0.109	0.117	0.088	-0.149	-0.684	-1.481
3981	39.80	-2.374	-3.134	-3.585	-3.592	-3.249	-2.856	-2.516	-2.469	-2.708	-3.223
3991	39.90	-3.842	-4.397	-4.767	-4.907	-4.836	-4.617	-4.323	-4.024	-3.783	-3.653

Table 7-1-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1896 1302-GR-1-26 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 73.055 (GAL) T= 11.32 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-3.673	-3.846	-4.107	-4.343	-4.395	-4.129	-3.487	-2.539	-1.471	-0.528
4011	40.10	0.079	0.256	0.074	-0.259	-0.478	-0.366	0.162	1.029	2.037	2.950
4021	40.20	3.592	3.903	3.956	3.896	3.897	4.073	4.455	4.995	5.597	6.160
4031	40.30	6.606	6.892	7.008	6.967	6.796	6.537	6.241	5.967	5.762	5.652
4041	40.40	5.623	5.627	5.597	5.467	5.197	4.785	4.256	3.653	3.070	2.395
4051	40.50	1.814	1.515	0.941	0.228	-0.486	-0.781	-0.934	-1.037	-0.992	-0.743
4061	40.60	0.304	-0.256	-0.837	-1.361	-1.794	-2.156	-2.494	-2.838	-3.176	-3.452
4071	40.70	-3.600	-3.593	-3.479	-3.383	-3.460	-3.825	-4.483	-5.303	-6.051	-6.474
4081	40.80	-6.402	-6.821	-6.889	-6.881	-6.890	-6.722	-6.825	-6.283	-5.861	-4.297
4091	40.90	-4.380	-4.007	-3.196	-2.061	-0.769	0.503	1.604	2.426	2.921	3.097
4101	41.00	3.019	2.790	2.528	2.334	2.263	2.312	2.428	2.536	2.569	2.494
4111	41.10	2.311	2.044	1.708	1.303	0.809	0.216	-0.457	-1.142	-1.732	-2.115
4121	41.20	-2.222	-2.054	-1.689	-1.253	-0.872	-0.627	-0.528	-0.530	-0.557	-0.551
4131	41.30	-0.490	-0.389	-0.277	-0.173	-0.063	0.088	0.311	0.609	0.942	1.233
4141	41.40	1.403	1.403	1.239	0.968	0.675	0.433	0.278	0.197	0.148	0.086
4151	41.50	-0.022	-0.165	-0.317	-0.447	-0.539	-0.602	-0.661	-0.739	-0.841	-0.948
4161	41.60	-1.023	-1.026	-0.935	-0.756	-0.513	-0.245	0.014	0.242	0.435	0.601
4171	41.70	0.752	0.898	1.044	1.192	1.364	1.500	1.661	1.829	2.004	2.186
4181	41.80	2.366	2.544	2.711	2.853	2.957	3.012	3.017	2.979	2.913	2.834
4191	41.90	2.749	2.653	2.533	2.378	2.198	2.018	1.877	1.799	1.768	1.715
4201	42.00	1.533	1.113	0.399	-0.572	-1.659	-2.650	-3.334	-3.573	-3.362	-2.828
4211	42.10	-2.192	-1.682	-1.459	-1.573	-1.957	-2.476	-2.902	-3.361	-3.549	-3.522
4221	42.20	-3.273	-2.792	-2.079	-1.172	-0.172	0.753	1.400	1.596	1.265	0.473
4231	42.30	-0.576	-1.606	-2.367	-2.625	-2.408	-1.796	-0.983	-0.178	0.413	0.781
4241	42.40	0.764	0.427	-0.201	-1.058	-2.050	-3.052	-3.920	-4.518	-4.763	-4.653
4251	42.50	-4.274	-3.772	-3.301	-2.968	-2.798	-2.734	-2.675	-2.518	-2.211	-1.763
4261	42.60	-1.237	-0.715	-0.263	0.089	0.346	0.535	0.683	0.809	0.922	1.032
4271	42.70	1.162	1.342	1.602	1.950	2.364	2.790	3.163	3.426	3.553	3.557
4281	42.80	3.475	3.356	3.236	3.130	3.035	2.942	2.849	2.768	2.712	2.693
4291	42.90	2.704	2.724	2.720	2.671	2.572	2.441	2.309	2.204	2.138	2.104
4301	43.00	2.077	2.033	1.960	1.862	1.750	1.636	1.517	1.377	1.197	0.964
4311	43.10	0.688	0.396	0.123	-0.105	-0.285	-0.443	-0.614	-0.831	-1.102	-1.406
4321	43.20	-1.708	-1.976	-2.196	-2.381	-2.556	-2.729	-2.882	-2.956	-2.881	-2.608
4331	43.30	-2.143	-1.562	-0.994	-0.578	-0.409	-0.507	-0.807	-1.193	-1.552	-1.817
4341	43.40	-1.988	-2.113	-2.248	-2.407	-2.548	-2.583	-2.426	-2.050	-1.515	-0.958
4351	43.50	-0.542	-0.391	-0.535	-0.890	-1.302	-1.602	-1.681	-1.524	-1.203	-0.833
4361	43.60	-0.514	-0.289	-0.138	-0.008	0.155	0.355	0.561	0.723	0.810	0.835
4371	43.70	0.849	0.917	1.070	1.285	1.480	1.559	1.458	1.180	0.801	0.437
4381	43.80	0.183	0.074	0.070	0.079	0.011	-0.169	-0.426	-0.673	-0.819	-0.826
4391	43.90	-0.732	-0.633	-0.636	-0.792	-1.064	-1.332	-1.439	-1.264	-0.774	-0.043
4401	44.00	0.781	1.531	2.085	2.399	2.510	2.496	2.438	2.388	2.362	2.356
4411	44.10	2.368	2.411	2.504	2.657	2.850	3.029	3.128	3.097	2.929	2.688
4421	44.20	2.394	2.184	2.077	2.053	2.049	1.988	1.819	1.542	1.207	0.830
4431	44.30	0.615	0.420	0.259	0.071	-0.189	-0.526	-0.898	-1.234	-1.471	-1.580
4441	44.40	-1.581	-1.526	-1.473	-1.458	-1.488	-1.555	-1.660	-1.828	-2.109	-2.545
4451	44.50	-3.130	-3.776	-4.321	-4.567	-4.359	-3.650	-2.541	-1.257	-0.076	0.765
4461	44.60	1.158	1.145	0.892	0.609	0.461	0.513	0.716	0.956	1.118	1.138
4471	44.70	1.025	0.838	0.632	0.435	0.223	-0.052	-0.418	-0.851	-1.270	-1.570
4481	44.80	-1.678	-1.587	-1.374	-1.159	-1.050	-1.090	-1.237	-1.388	-1.437	-1.329
4491	44.90	-1.084	-0.777	-0.484	-0.221	0.076	0.521	1.213	2.155	3.215	4.146

Table 7-1-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1896 1302-GR-1-26 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 73.055 (GAL) T= 11.32 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	4.677	4.618	3.946	2.835	1.587	0.528	-0.114	-0.281	-0.082	0.275
4511	45.10	0.586	0.729	0.693	0.539	0.331	0.067	-0.332	-0.988	-1.979	-3.256
4521	45.20	-4.617	-5.743	-6.305	-6.094	-5.122	-3.641	-2.071	-0.860	-0.326	-0.543
4531	45.30	-1.318	-2.273	-2.986	-3.150	-2.673	-1.699	-0.527	0.519	1.214	1.502
4541	45.40	1.491	1.368	1.295	1.330	1.409	1.398	1.185	0.759	0.240	-0.162
4551	45.50	-0.237	0.129	0.897	1.886	2.848	3.558	3.897	3.873	3.587	3.169
4561	45.60	2.723	2.301	1.926	1.632	1.490	1.558	1.993	2.661	3.427	4.030
4571	45.70	4.197	3.767	2.781	1.488	0.271	-0.500	-0.610	-0.084	0.824	1.741
4581	45.80	2.321	2.372	1.911	1.119	0.242	-0.522	-1.096	-1.521	-1.906	-2.339
4591	45.90	-2.831	-3.308	-3.651	-3.765	-3.633	-3.335	-3.014	-2.819	-2.842	-3.081
4601	46.00	-3.451	-3.817	-4.048	-4.068	-3.866	-3.489	-3.021	-2.536	-2.067	-1.621
4611	46.10	-1.169	-0.688	-0.184	0.288	0.632	0.744	0.557	0.093	-0.523	-1.072
4621	46.20	-1.308	-1.040	-0.217	1.031	2.413	3.558	4.137	3.979	3.428	1.839
4631	46.30	0.449	-0.547	-1.010	-0.416	-0.192	0.679	1.456	1.891	1.863	1.394
4641	46.40	0.629	-0.223	-0.947	-1.375	-1.421	-1.092	-0.682	0.256	0.944	1.437
4651	46.50	1.650	1.590	1.342	1.044	0.836	0.810	0.983	1.299	1.660	1.968
4661	46.60	2.164	2.245	2.251	2.240	2.254	2.299	2.348	2.356	2.292	2.150
4671	46.70	1.952	1.736	1.533	1.349	1.165	0.950	0.681	0.366	0.034	-0.259
4681	46.80	-0.472	-0.605	-0.704	-0.853	-1.140	-1.610	-2.228	-2.873	-3.366	-3.530
4691	46.90	-3.262	-2.587	-1.671	-0.777	-0.179	-0.064	-0.460	-1.219	-2.062	-2.685
4701	47.00	-2.868	-2.554	-1.867	-1.063	-0.428	-0.177	-0.374	-0.930	-1.637	-2.252
4711	47.10	-2.575	-2.497	-2.015	-1.210	-0.215	0.814	1.721	2.357	2.601	2.381
4721	47.20	1.709	0.696	-0.454	-1.484	-2.162	-2.348	-2.066	-1.401	-0.651	-0.040
4731	47.30	0.262	0.210	-0.116	-0.559	-0.950	-1.169	-1.176	-0.999	-0.708	-0.370
4741	47.40	-0.027	0.306	0.628	0.938	1.221	1.457	1.631	1.751	1.841	1.936
4751	47.50	2.060	2.217	2.385	2.534	2.642	2.716	2.780	2.881	3.044	3.263
4761	47.60	3.497	3.681	3.757	3.698	3.522	3.248	2.964	2.847	2.746	2.653
4771	47.70	2.578	2.316	1.943	1.488	0.921	0.319	-0.256	-0.755	-1.140	-1.392
4781	47.80	-1.507	-1.495	-1.387	-1.235	-1.111	-1.091	-1.236	-1.570	-2.070	-2.666
4791	47.90	-3.265	-3.774	-4.126	-4.291	-4.279	-4.126	-3.874	-3.563	-3.224	-2.883
4801	48.00	-2.565	-2.288	-2.062	-1.881	-1.719	-1.539	-1.312	-1.029	-0.719	-0.430
4811	48.10	-0.220	-0.118	-0.114	-0.156	-0.177	-0.127	-0.007	0.122	0.161	0.013
4821	48.20	-0.373	-0.972	-1.689	-2.389	-2.945	-3.241	-3.294	-3.334	-3.439	-3.502
4831	48.30	-2.873	-2.338	-2.592	-2.612	-2.496	-2.258	-1.927	-1.523	-1.152	-1.206
4841	48.40	-1.075	-0.955	-0.854	-0.785	-0.751	-0.730	-0.676	-0.536	-0.266	0.143
4851	48.50	0.658	1.210	1.721	2.127	2.398	2.544	2.601	2.616	2.631	2.671
4861	48.60	2.746	2.853	2.982	3.118	3.239	3.314	3.312	3.211	3.003	2.704
4871	48.70	2.353	2.003	1.711	1.529	1.491	1.618	1.903	2.311	2.776	3.199
4881	48.80	3.465	3.474	3.173	2.587	1.819	1.030	0.385	0.004	-0.081	0.069
4891	48.90	0.337	0.601	0.789	0.897	0.980	1.104	1.296	1.513	1.656	1.608
4901	49.00	1.297	0.741	0.049	-0.615	-1.095	-1.305	-1.258	-1.055	-0.839	-0.729
4911	49.10	-0.781	-0.969	-1.215	-1.425	-1.535	-1.527	-1.432	-1.299	-1.172	-1.067
4921	49.20	-0.975	-0.865	-0.709	-0.496	-0.226	0.071	0.362	0.612	0.790	0.884
4931	49.30	0.899	0.862	0.821	0.827	0.917	1.091	1.304	1.474	1.503	1.320
4941	49.40	0.909	0.330	-0.302	-0.848	-1.198	-1.305	-1.195	-0.954	-0.688	-0.464
4951	49.50	-0.327	-0.256	-0.205	-0.126	0.006	0.189	0.404	0.626	0.839	1.035
4961	49.60	1.206	1.336	1.395	1.357	1.211	0.981	0.724	0.516	0.406	0.414
4971	49.70	0.495	0.565	0.535	0.351	0.023	-0.378	-0.752	-1.016	-1.142	-1.174
4981	49.80	-1.210	-1.354	-1.649	-2.146	-2.705	-3.225	-3.597	-3.759	-3.717	-3.532
4991	49.90	-3.285	-3.042	-2.829	-2.637	-2.438	-2.213	-1.969	-1.735	-1.543	-1.410

Table 7-1-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1896 1302-GR-1-26 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 73.055 (GAL) T= 11.32 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.318	-1.223	-1.079	-0.859	-0.582	-0.306	-0.107	-0.046	-0.141	-0.356
5011	50.10	-0.619	-0.846	-0.983	-1.019	-0.991	-0.955	-0.966	-1.047	-1.179	-1.319
5021	50.20	-1.410	-1.412	-1.305	-1.099	-0.812	-0.466	-0.078	0.342	0.785	1.233
5031	50.30	1.665	2.058	2.401	2.699	2.976	3.258	3.563	3.885	4.186	4.412
5041	50.40	4.503	4.426	4.182	3.818	3.410	3.045	2.790	2.673	2.676	2.737
5051	50.50	2.777	2.718	2.516	2.166	1.706	1.203	0.724	0.319	0.003	-0.247
5061	50.60	-0.473	-0.723	-1.026	-1.386	-1.781	-2.176	-2.542	-2.862	-3.134	-3.363
5071	50.70	-3.551	-3.688	-3.754	-3.729	-3.605	-3.397	-3.137	-2.863	-2.604	-2.369
5081	50.80	-2.147	-1.920	-1.678	-1.424	-1.178	-0.958	-0.765	-0.573	-0.334	-0.004
5091	50.90	0.429	0.930	1.414	1.776	1.932	1.858	1.605	1.282	1.016	0.902
5101	51.00	0.966	1.159	1.381	1.525	1.517	1.343	1.042	0.677	0.307	-0.036
5111	51.10	-0.351	-0.647	-0.920	-1.145	-1.276	-1.269	-1.106	-0.814	-0.459	-0.124
5121	51.20	0.126	0.266	0.322	0.354	0.427	0.574	0.785	1.010	1.180	1.241
5131	51.30	1.175	1.011	0.809	0.636	0.532	0.498	0.488	0.433	0.261	-0.068
5141	51.40	-0.546	-1.112	-1.660	-2.070	-2.239	-2.120	-1.737	-1.193	-0.647	-0.269
5151	51.50	-0.192	-0.467	-1.036	-1.748	-2.402	-2.815	-2.879	-2.603	-2.101	-1.557
5161	51.60	-1.546	-0.950	-1.044	-1.308	-1.568	-1.703	-1.657	-1.425	-1.092	-0.763
5171	51.70	-0.515	-0.375	-0.309	-0.253	-0.157	-0.005	0.165	0.290	0.341	0.282
5181	51.80	0.154	0.026	-0.034	0.015	0.170	0.391	0.627	0.847	1.048	1.259
5191	51.90	1.513	1.830	2.204	2.605	3.004	3.386	3.766	4.176	4.641	5.154
5201	52.00	5.670	6.114	6.410	6.519	6.453	6.273	6.058	5.871	5.731	5.609
5211	52.10	5.446	5.191	4.830	4.395	3.949	3.557	3.257	3.042	2.869	2.679
5221	52.20	2.445	2.086	1.668	1.190	0.666	0.096	-0.524	-1.189	-1.870	-2.513
5231	52.30	-3.053	-3.435	-3.645	-3.712	-3.703	-3.693	-3.740	-3.863	-4.041	-4.227
5241	52.40	-4.373	-4.446	-4.440	-4.363	-4.231	-4.052	-3.828	-3.558	-3.246	-2.912
5251	52.50	-2.580	-2.276	-2.014	-1.791	-1.592	-1.400	-1.211	-1.033	-0.887	-0.790
5261	52.60	-0.746	-0.738	-0.736	-0.709	-0.662	-0.538	-0.419	-0.310	-0.223	-0.159
5271	52.70	-0.102	-0.042	0.013	0.038	-0.011	-0.171	-0.452	-0.828	-1.239	-1.610
5281	52.80	-1.880	-2.022	-2.052	-2.020	-1.986	-1.996	-2.064	-2.174	-2.286	-2.361
5291	52.90	-2.373	-2.318	-2.212	-2.073	-1.915	-1.740	-1.539	-1.301	-1.028	-0.736
5301	53.00	-0.459	-0.234	-0.095	-0.052	-0.091	-0.176	-0.260	-0.301	-0.274	-0.184
5311	53.10	-0.056	0.071	0.159	0.187	0.158	0.100	0.047	0.032	0.072	0.159
5321	53.20	0.268	0.368	0.436	0.466	0.473	0.481	0.517	0.592	0.703	0.833
5331	53.30	0.959	1.069	1.163	1.254	1.358	1.483	1.625	1.766	1.885	1.968
5341	53.40	2.013	2.035	2.058	2.099	2.164	2.239	2.299	2.321	2.290	2.210
5351	53.50	2.098	1.974	1.855	1.748	1.641	1.530	1.410	1.284	1.165	1.062
5361	53.60	0.978	0.904	0.824	0.728	0.614	0.497	0.366	0.325	0.280	0.237
5371	53.70	0.162	0.028	-0.165	-0.381	-0.558	-0.633	-0.566	-0.361	-0.069	0.232
5381	53.80	0.468	0.597	0.621	0.582	0.535	0.521	0.552	0.604	0.643	0.637
5391	53.90	0.576	0.473	0.347	0.211	0.062	-0.120	-0.349	-0.615	-0.874	-1.055
5401	54.00	-1.091	-0.965	-0.635	-0.237	0.144	0.409	0.503	0.428	0.241	0.020
5411	54.10	-0.167	-0.288	-0.350	-0.388	-0.436	-0.514	-0.616	-0.721	-0.808	-0.869
5421	54.20	-0.914	-0.962	-1.031	-1.126	-1.240	-1.357	-1.446	-1.555	-1.631	-1.691
5431	54.30	-1.724	-1.710	-1.627	-1.462	-1.226	-0.953	-0.691	-0.481	-0.340	-0.256
5441	54.40	-0.187	-0.088	0.075	0.304	0.574	0.844	1.072	1.234	1.329	1.371
5451	54.50	1.377	1.359	1.318	1.247	1.139	0.996	0.817	0.616	0.390	0.143
5461	54.60	-0.132	-0.438	-0.769	-1.107	-1.430	-1.713	-1.944	-2.118	-2.237	-2.302
5471	54.70	-2.315	-2.273	-2.182	-2.061	-1.944	-1.871	-1.874	-1.959	-2.094	-2.221
5481	54.80	-2.264	-2.167	-1.908	-1.510	-1.038	-0.569	-0.172	0.118	0.305	0.422
5491	54.90	0.519	0.637	0.796	0.988	1.186	1.353	1.460	1.493	1.465	1.405

Table 7-1-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1896 1302-GR-1-26 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = 73.055 (GAL) T= 11.32 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	1.353	1.345	1.396	1.499	1.621	1.721	1.770	1.760	1.718	1.686
5511	55.10	1.707	1.796	1.930	2.059	2.125	2.104	2.016	1.933	1.938	2.090
5521	55.20	2.382	2.730	3.003	3.077	2.890	2.482	1.983	1.563	1.365	1.445
5531	55.30	1.753	2.154	2.490	2.644	2.575	2.322	1.960	1.556	1.132	0.665
5541	55.40	0.119	-0.512	-1.176	-1.764	-2.155	-2.263	-2.096	-1.747	-1.390	-1.191
5551	55.50	-1.259	-1.604	-2.136	-2.706	-3.167	-3.423	-3.454	-3.305	-3.057	-2.790
5561	55.60	-2.554	-2.366	-2.218	-2.095	-1.983	-1.876	-1.769	-1.650	-1.501	-1.307
5571	55.70	-1.066	-0.785	-0.502	-0.248	-0.048	0.099	0.218	0.350	0.527	0.759
5581	55.80	1.019	1.256	1.408	1.428	1.307	1.078	0.810	0.583	0.462	0.477
5591	55.90	0.613	0.815	1.018	1.160	1.214	1.187	1.111	1.027	0.964	0.925
5601	56.00	0.890	0.833	0.744	0.636	0.547	0.520	0.572	0.676	0.755	0.706
5611	56.10	0.440	-0.077	-0.797	-1.597	-2.319	-2.820	-3.039	-3.044	-2.729	-2.465
5621	56.20	-2.299	-2.300	-2.461	-2.713	-2.965	-3.139	-3.201	-3.160	-3.051	-2.912
5631	56.30	-2.762	-2.598	-2.406	-2.176	-1.916	-1.649	-1.409	-1.216	-1.072	-0.955
5641	56.40	-0.830	-0.665	-0.447	-0.183	0.099	0.370	0.602	0.785	0.918	1.013
5651	56.50	1.084	1.144	1.209	1.294	1.413	1.574	1.773	1.987	2.185	2.329
5661	56.60	2.395	2.380	2.307	2.212	2.132	2.090	2.084	2.090	2.080	2.035
5671	56.70	1.954	1.855	1.763	1.698	1.657	1.625	1.577	1.502	1.407	1.319
5681	56.80	1.271	1.283	1.352	1.452	1.547	1.615	1.664	1.726	1.840	2.021
5691	56.90	2.239	2.419	2.670	2.328	1.996	1.544	1.180	0.998	1.107	1.492
5701	57.00	2.027	2.521	2.793	2.743	2.391	1.862	1.327	0.925	0.708	0.628
5711	57.10	0.572	0.421	0.116	-0.328	-0.823	-1.272	-1.620	-1.878	-2.117	-2.419
5721	57.20	-2.829	-3.318	-3.796	-4.146	-4.289	-4.220	-4.015	-3.798	-3.680	-3.717
5731	57.30	-3.881	-4.087	-4.235	-4.258	-4.155	-3.969	-3.776	-3.636	-3.550	-3.484
5741	57.40	-3.381	-3.191	-2.900	-2.526	-2.104	-1.666	-1.217	-0.748	-0.249	0.266
5751	57.50	0.749	1.127	1.324	1.310	1.112	0.818	0.556	0.452	0.589	0.980
5761	57.60	1.568	2.238	2.853	3.289	3.468	3.374	3.055	2.614	2.175	1.849
5771	57.70	1.698	1.716	1.831	1.932	1.920	1.747	1.442	1.100	0.833	0.714
5781	57.80	0.732	0.785	0.721	0.411	-0.176	-0.946	-1.691	-2.174	-2.220	-1.799
5791	57.90	-1.043	-0.200	0.457	0.755	0.591	0.127	-0.455	-0.964	-1.267	-1.356
5801	58.00	-1.316	-1.267	-1.285	-1.417	-1.574	-1.669	-1.625	-1.422	-1.106	-0.765
5811	58.10	-0.488	-0.323	-0.269	-0.279	-0.295	-0.274	-0.207	-0.114	-0.023	0.045
5821	58.20	0.092	0.135	0.195	0.278	0.373	0.450	0.483	0.505	0.512	0.512
5831	58.30	0.312	0.342	0.431	0.552	0.668	0.739	0.748	0.697	0.608	0.512
5841	58.40	0.432	0.375	0.334	0.293	0.235	0.153	0.057	-0.039	-0.113	-0.154
5851	58.50	-0.166	-0.163	-0.169	-0.200	-0.256	-0.313	-0.338	-0.294	-0.158	0.065
5861	58.60	0.340	0.618	0.869	1.009	1.102	1.161	1.226	1.327	1.467	1.620
5871	58.70	1.744	1.809	1.811	1.777	1.756	1.790	1.891	2.032	2.152	2.182
5881	58.80	2.077	1.853	1.604	1.404	1.304	1.369	1.430	1.361	0.328	0.307
5891	58.90	0.294	0.301	0.345	0.431	0.544	0.658	0.751	0.816	0.865	0.927
5901	59.00	1.019	1.138	1.250	1.305	1.254	1.080	0.805	0.467	0.194	-0.025
5911	59.10	-0.159	-0.244	-0.338	-0.501	-0.762	-1.105	-1.480	-1.819	-2.063	-2.186
5921	59.20	-2.197	-2.132	-2.034	-1.939	-1.859	-1.787	-1.706	-1.602	-1.470	-1.321
5931	59.30	-1.171	-1.036	-0.923	-0.822	-0.715	-0.577	-0.398	-0.165	0.087	0.322
5941	59.40	0.492	0.557	0.500	0.333	0.099	-0.169	-0.358	-0.493	-0.562	-0.591
5951	59.50	-0.625	-0.704	-0.844	-1.034	-1.242	-1.429	-1.566	-1.646	-1.682	-1.700
5961	59.60	-1.723	-1.765	-1.825	-1.894	-1.959	-2.011	-2.042	-2.046	-2.010	-1.922
5971	59.70	-1.771	-1.556	-1.295	-1.018	-0.762	-0.551	-0.391	-0.269	-0.157	-0.030
5981	59.80	0.121	0.287	0.445	0.575	0.667	0.728	0.768	0.790	0.781	0.712
5991	59.90	0.557	0.314	0.018	-0.256	-0.419	-0.403	-0.192	0.160	0.551	0.863

Table 7-2-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1897 1302-GR-1-26 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 13.299 (GAL) T= 12.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.761	0.275	1.342	1.852	1.409	0.031	-1.030	-3.469	-4.242	-3.864
11	0.10	-2.529	-0.815	0.596	1.235	1.031	0.296	-0.483	-0.916	-0.901	-0.622
21	0.20	-0.385	-0.381	-0.529	-0.500	0.086	1.397	3.224	5.007	6.074	5.962
31	0.30	4.653	2.605	0.538	-0.909	-1.481	-1.398	-1.205	-1.452	-2.370	-3.737
41	0.40	-4.986	-5.511	-4.997	-3.599	-1.680	-0.530	-0.019	-0.370	-1.160	-1.757
51	0.50	-1.646	-0.694	0.796	2.251	3.126	3.168	2.524	1.631	0.972	0.831
61	0.60	1.165	1.656	1.906	1.656	0.916	-0.049	-0.861	-1.221	-1.039	-0.460
71	0.70	0.225	0.718	0.828	0.518	-0.116	-0.915	-1.715	-2.378	-2.798	-2.892
81	0.80	-2.621	-2.010	-1.173	-0.306	0.375	0.714	0.684	0.413	0.131	0.064
91	0.90	0.334	0.894	1.547	2.034	2.140	1.783	1.039	0.101	-0.798	-1.461
101	1.00	-1.771	-1.708	-1.326	-0.737	-0.090	0.451	0.737	0.672	0.259	-0.390
111	1.10	-1.073	-1.569	-1.722	-1.501	-1.008	-0.421	0.085	0.422	0.599	0.690
121	1.20	0.759	0.802	0.746	0.505	0.060	-0.495	-0.975	-1.195	-1.075	-0.708
131	1.30	-0.317	-0.135	-0.254	-0.542	-0.686	-0.342	0.635	2.075	3.504	4.334
141	1.40	4.137	2.871	0.938	-0.980	-2.217	-2.432	-1.757	-0.718	0.036	0.066
151	1.50	-0.642	-1.657	-2.345	-2.182	-1.031	0.784	2.622	3.827	4.024	3.272
161	1.60	2.002	0.795	0.100	0.055	0.466	0.959	1.188	1.018	0.560	0.087
171	1.70	-0.133	0.015	0.438	0.886	1.082	0.851	0.184	-0.770	-1.783	-2.662
181	1.80	-3.210	-3.450	-3.404	-3.156	-2.805	-2.449	-2.167	-2.006	-1.962	-1.971
191	1.90	-1.925	-1.714	-1.286	-0.683	-0.045	0.451	0.674	0.607	0.370	0.170
201	2.00	0.204	0.566	1.206	1.953	2.613	3.057	3.277	3.359	3.408	3.452
211	2.10	3.400	3.080	2.335	1.132	-0.375	-1.882	-3.045	-3.621	-3.568	-3.069
221	2.20	-2.353	-1.754	-1.400	-1.270	-1.222	-1.097	-0.816	-0.424	-0.055	0.146
231	2.30	0.114	-0.104	-0.370	-0.528	-0.474	-0.198	0.231	0.716	1.182	1.606
241	2.40	1.997	2.363	2.682	2.900	2.965	2.661	2.633	2.362	2.124	1.934
251	2.50	1.731	1.408	0.880	0.149	-0.673	-1.398	-1.845	-1.931	-1.715	-1.371
261	2.60	-1.103	-1.043	-1.189	-1.403	-1.495	-1.318	-0.868	-0.198	0.440	0.891
271	2.70	1.072	1.022	0.844	0.731	0.695	0.737	0.770	0.708	0.507	0.220
281	2.80	-0.046	-0.165	-0.050	0.308	0.842	1.428	1.919	2.177	2.102	1.657
291	2.90	0.890	-0.059	-0.975	-1.618	-1.807	-1.495	-0.805	-0.004	0.600	0.786
301	3.00	0.516	-0.044	-0.625	-0.978	-1.014	-0.841	-0.695	-0.788	-1.164	-1.641
311	3.10	-1.891	-1.622	-0.762	0.447	1.534	2.011	1.632	0.547	-0.735	-1.566
321	3.20	-1.480	-0.632	1.166	2.531	3.038	2.339	0.621	-1.505	-3.284	-4.156
331	3.30	-3.978	-3.023	-1.881	-0.978	-0.553	-0.498	-0.506	-0.298	0.191	0.767
341	3.40	1.100	0.927	0.233	-0.710	-1.473	-1.684	-1.234	-0.336	0.569	1.038
351	3.50	0.840	0.072	-0.902	-1.626	-1.774	-1.291	-0.395	0.544	1.189	1.376
361	3.60	1.157	0.736	0.345	0.135	0.124	0.226	0.317	0.309	0.175	-0.059
371	3.70	-0.345	-0.641	-0.913	-1.124	-1.223	-1.163	-0.922	-0.538	-0.113	0.223
381	3.80	0.384	0.263	0.045	-0.228	-0.417	-0.464	-0.392	-0.270	-0.160	-0.066
391	3.90	0.061	0.277	0.579	0.868	0.978	0.769	0.225	-0.488	-1.068	-1.212
401	4.00	-0.768	0.156	1.215	1.973	2.109	1.584	0.670	-0.173	-0.524	-0.208
411	4.10	0.609	1.507	2.017	1.859	1.075	-0.000	-0.916	-1.332	-1.174	-0.646
421	4.20	-0.088	0.221	0.209	0.035	-0.038	0.178	0.662	1.178	1.405	1.132
431	4.30	0.401	-0.484	-1.104	-1.142	-0.566	0.340	1.103	1.300	0.779	-0.258
441	4.40	-1.348	-1.994	-1.913	-1.170	-0.139	0.687	0.941	0.552	-0.232	-0.985
451	4.50	-1.317	-1.056	-0.312	0.604	1.343	1.685	1.613	1.282	0.910	0.659
461	4.60	0.568	0.576	0.594	0.576	0.546	0.570	0.681	0.840	0.938	0.856
471	4.70	0.544	0.073	-0.391	-0.668	-0.663	-0.425	-0.131	0.009	-0.134	-0.527
481	4.80	-0.989	-1.283	-1.242	-0.862	-0.313	0.150	0.315	0.122	-0.317	-0.779
491	4.90	-1.051	-1.038	-0.792	-0.459	-0.179	0.005	0.163	0.415	0.825	1.319

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

INDEX NO. 1897 1302-GR-1-26 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 13.299 (GAL) T= 12.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	1.683	1.664	1.113	0.099	-1.079	-1.996	-2.288	-1.830	-0.802	0.376
511	5.10	1.233	1.453	1.008	0.155	-0.711	-1.247	-1.325	-1.063	-0.737	-0.605
521	5.20	-0.253	-1.069	-1.257	-1.053	-0.557	0.093	1.749	2.504	2.659	2.234
531	5.30	1.455	0.662	0.144	0.014	0.181	0.423	0.519	0.547	0.034	-0.293
541	5.40	-0.412	-0.226	0.206	0.690	0.992	0.953	0.566	-0.021	-0.568	-0.850
551	5.50	-0.751	-0.305	0.320	0.903	1.248	1.257	0.949	0.441	-0.109	-0.552
561	5.60	-0.794	-0.814	-0.647	-0.372	-0.074	0.171	0.314	0.330	0.222	0.009
571	5.70	-0.272	-0.576	-0.851	-1.044	-1.111	-1.036	-0.828	-0.546	-0.268	-0.078
581	5.80	-0.029	-0.120	-0.285	-0.425	-0.441	-0.291	-0.018	0.263	0.407	0.312
591	5.90	-0.025	-0.491	-0.894	-1.045	-0.853	-0.372	0.208	0.635	0.711	0.585
601	6.00	-0.211	-0.812	-1.133	-0.997	-0.416	0.405	1.155	1.547	1.441	0.897
611	6.10	0.147	-0.510	-0.837	-0.747	-0.329	0.209	0.661	0.814	0.704	0.404
621	6.20	0.061	-0.197	-0.310	-0.301	-0.239	-0.194	-0.202	-0.251	-0.308	-0.343
631	6.30	-0.353	-0.360	-0.391	-0.458	-0.541	-0.608	-0.629	-0.610	-0.583	-0.592
641	6.40	-0.654	-0.731	-0.735	-0.566	-0.167	0.428	1.089	1.625	1.869	1.747
651	6.50	1.318	0.753	0.255	0.014	0.049	0.291	0.586	0.780	0.783	0.602
661	6.60	0.313	0.006	-0.256	-0.460	-0.621	-0.738	-0.780	-0.692	-0.448	-0.098
671	6.70	0.220	0.322	0.073	-0.519	-1.267	-1.852	-1.962	-1.447	-0.413	0.790
681	6.80	1.716	2.024	1.647	0.836	0.044	-0.292	0.019	0.820	1.661	2.025
691	6.90	1.587	0.394	-1.135	-2.401	-2.908	-2.504	-1.455	-0.318	0.335	0.198
701	7.00	-0.628	-1.687	-2.413	-2.410	-1.648	-0.476	0.571	1.039	0.763	0.022
711	7.10	-0.785	-1.191	-0.988	-0.303	0.488	0.971	0.927	0.436	-0.168	-0.493
721	7.20	-0.309	0.322	1.074	1.540	1.849	1.824	1.496	0.660	-0.736	-0.192
731	7.30	0.721	1.568	1.953	1.729	1.071	0.383	0.088	0.405	1.225	2.180
741	7.40	2.725	2.581	1.702	0.395	-0.842	-1.544	-1.489	-0.796	0.143	0.844
751	7.50	0.952	0.390	-0.610	-1.618	-2.187	-2.038	-1.167	0.159	1.511	2.460
761	7.60	2.728	2.281	1.332	0.251	-0.568	-0.851	-0.541	0.180	0.963	1.425
771	7.70	1.307	0.576	-0.567	-1.676	-2.415	-2.523	-2.017	-1.159	-0.332	0.137
781	7.80	0.127	-0.236	-0.658	-0.841	-0.657	-0.216	0.188	0.245	-0.187	-0.973
791	7.90	-1.751	-2.099	-1.765	-0.808	0.388	1.308	1.551	1.038	0.065	-0.865
801	8.00	-1.208	-0.840	0.041	0.912	1.217	0.666	-0.596	-2.033	-2.973	-2.940
811	8.10	-1.898	-0.282	1.201	1.916	1.593	0.461	-0.879	-1.746	-1.702	-0.746
821	8.20	0.709	2.056	2.794	2.750	2.122	1.348	0.862	0.887	1.350	1.963
831	8.30	2.395	2.452	2.156	1.706	1.346	1.224	1.321	1.473	1.477	1.194
841	8.40	0.620	-0.131	-0.888	-1.504	-1.894	-2.062	-1.966	-1.683	-1.232	-0.677
851	8.50	-0.139	0.228	0.254	-0.098	-0.747	-1.473	-2.001	-2.123	-1.795	-1.158
861	8.60	-0.473	0.017	0.198	0.142	0.068	0.125	0.467	0.987	1.469	1.677
871	8.70	1.490	0.976	0.357	-0.100	-0.215	0.020	0.446	0.833	0.895	0.672
881	8.80	0.540	0.126	-0.264	-0.608	-0.950	-1.336	-1.740	-2.043	-2.090	-1.782
891	8.90	-1.168	-0.451	0.094	0.260	0.032	-0.383	-0.649	-0.476	0.213	1.213
901	9.00	2.125	2.545	2.278	1.451	0.464	-0.203	-0.239	0.334	1.163	1.737
911	9.10	1.652	0.824	-0.459	-1.676	-2.331	-2.207	-1.473	-0.587	-0.058	-0.173
921	9.20	-0.849	-1.675	-2.137	-1.894	-0.971	0.240	1.180	1.408	0.837	-0.214
931	9.30	-1.174	-1.509	-0.996	0.170	1.471	2.338	2.430	1.805	0.870	0.152
941	9.40	0.023	0.491	1.220	1.722	1.836	0.921	-0.099	-0.938	-1.211	-0.867
951	9.50	-0.226	0.197	-0.026	-0.982	-2.273	-3.361	-3.669	-3.083	-1.845	-0.601
961	9.60	0.025	-0.240	-1.157	-2.090	-2.565	-1.665	-0.253	1.116	1.575	0.632
971	9.70	-1.507	-3.959	-5.548	-5.380	-3.319	-0.110	2.929	4.518	4.030	1.805
981	9.80	-1.006	-2.987	-3.142	-1.382	1.535	4.218	5.502	4.903	2.840	0.376
991	9.90	-1.339	-1.638	-0.632	0.913	2.028	2.070	1.045	-0.438	-1.533	-1.655

Table 7-2-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1897 1302-GR-1-26 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 13.299 (GAL) T= 12.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.807	0.411	1.138	0.731	-0.866	-3.054	-4.865	-5.428	-4.404	-2.140
1011	10.10	0.507	2.581	3.475	3.177	2.212	1.333	-1.137	1.781	2.954	4.077
1021	10.20	4.615	4.335	3.390	2.207	1.254	0.827	0.944	1.390	1.862	2.124
1031	10.30	2.100	1.861	1.555	1.313	1.193	1.176	1.191	1.152	0.980	0.615
1041	10.40	0.031	-0.737	-1.568	-2.262	-2.598	-2.433	-1.803	-0.957	-0.291	-0.180
1051	10.50	-0.787	-1.964	-3.186	-3.944	-3.822	-2.807	-1.319	-0.029	0.460	-0.078
1061	10.60	-1.351	-2.668	-3.274	-2.732	-1.171	0.747	2.355	2.317	1.184	-0.726
1071	10.70	-2.456	-3.089	-2.192	-0.050	2.441	4.173	4.336	2.789	0.136	-2.545
1081	10.80	-4.171	-4.131	-2.531	-0.128	2.016	3.004	2.476	0.747	-1.346	-2.810
1091	10.90	-2.903	-1.437	1.160	6.010	6.120	6.752	5.675	3.226	0.165	-2.621
1101	11.00	-4.441	-5.028	-4.589	-3.662	-2.845	-2.525	-2.715	-3.089	-3.185	-2.681
1111	11.10	-1.598	-0.328	0.557	0.609	-0.223	-1.511	-2.515	-2.547	-1.344	0.736
1121	11.20	2.833	3.970	3.546	1.682	-0.767	-2.571	-2.695	-0.812	2.485	5.928
1131	11.30	8.127	8.212	6.226	3.101	0.204	-1.303	-0.991	0.683	2.646	3.776
1141	11.40	3.446	1.795	-0.411	-2.231	-3.058	-2.919	-2.404	-2.287	-3.034	-4.499
1151	11.50	-5.956	-6.474	-5.435	-2.906	0.318	3.057	4.295	3.664	1.624	-0.702
1161	11.60	-2.325	-2.332	-0.800	1.565	3.747	4.920	4.819	3.803	2.610	1.942
1171	11.70	2.106	2.900	3.768	4.135	3.731	2.723	1.609	0.929	0.980	1.669
1181	11.80	2.595	3.289	3.481	3.224	2.822	2.590	2.609	2.622	2.141	0.736
1191	11.90	-1.661	-4.608	-7.266	-8.744	-8.516	-6.698	-4.035	-1.581	-0.224	-0.273
1201	12.00	-1.332	-2.506	-2.870	-1.945	0.038	2.238	3.615	3.456	1.750	-0.772
1211	12.10	-2.958	-3.776	-2.794	-0.385	2.450	4.561	5.078	3.951	1.757	-0.514
1221	12.20	-1.938	-2.051	-0.982	0.685	2.243	3.193	3.612	3.113	2.635	2.222
1231	12.30	1.903	1.531	0.939	0.100	-0.819	-1.528	-1.783	-1.538	-0.989	-0.484
1241	12.40	-0.365	-0.705	-1.443	-2.262	-2.816	-3.020	-2.818	-2.437	-2.105	-1.965
1251	12.50	-2.011	-2.138	-2.234	-2.264	-2.282	-2.368	-2.569	-2.742	-2.801	-2.607
1261	12.60	-2.178	-1.694	-1.412	-1.520	-1.996	-2.586	-2.925	-2.750	-2.097	-1.347
1271	12.70	-1.075	-1.756	-3.475	-5.798	-7.908	-8.948	-8.431	-6.495	-3.878	-1.597
1281	12.80	-0.479	-0.768	-1.998	-3.206	-3.370	-1.881	1.189	5.139	8.963	11.787
1291	12.90	13.193	13.299	12.566	11.475	10.252	8.797	6.836	4.214	1.125	-1.860
1301	13.00	-3.902	-4.449	-3.372	-1.200	1.057	2.296	1.779	-0.553	-4.045	-7.600
1311	13.10	-10.116	-10.914	-9.958	-7.790	-5.236	-3.023	-1.497	-0.561	0.169	1.080
1321	13.20	2.312	3.674	4.764	5.218	4.951	4.246	3.644	3.661	4.501	5.890
1331	13.30	7.156	7.514	6.460	4.032	0.861	-2.067	-3.834	-3.984	-2.731	-0.861
1341	13.40	0.629	0.973	-0.025	-1.919	-3.849	-4.940	-4.690	-3.177	-0.983	1.091
1351	13.50	2.386	2.644	2.064	1.156	0.468	0.380	0.977	2.106	3.504	4.929
1361	13.60	6.220	7.266	7.950	8.117	7.626	6.444	4.734	2.853	1.240	0.223
1371	13.70	-0.151	-0.162	-0.310	-1.071	-2.653	-4.856	-7.132	-8.812	-9.406	-8.825
1381	13.80	-7.419	-5.815	-4.629	-4.196	-4.442	-4.953	-5.200	-4.801	-3.694	-2.151
1391	13.90	-0.623	0.474	0.946	0.886	0.603	0.451	0.676	1.317	2.225	3.157
1401	14.00	3.898	4.342	4.509	4.494	4.399	4.278	4.124	3.896	3.557	3.107
1411	14.10	2.585	2.053	1.569	1.170	0.871	0.670	0.558	0.517	0.514	0.499
1421	14.20	0.410	0.201	-0.138	-0.568	-1.018	-1.422	-1.759	-2.071	-2.441	-2.933
1431	14.30	-3.526	-4.075	-4.338	-4.064	-3.117	-1.570	0.277	1.985	3.138	3.514
1441	14.40	3.183	2.480	1.857	1.673	2.024	2.689	3.235	3.220	2.417	0.938
1451	14.50	-0.804	-2.274	-3.055	-3.034	-2.432	-1.677	-1.177	-1.111	-1.351	-1.542
1461	14.60	-1.319	-0.520	0.689	1.874	2.531	2.336	1.305	-0.190	-1.594	-2.405
1471	14.70	-2.393	-1.672	-0.622	0.303	0.765	0.655	0.073	-0.770	-1.668	-2.486
1481	14.80	-3.136	-3.525	-3.521	-2.986	-1.881	-0.364	1.187	2.275	2.497	1.755
1491	14.90	0.365	-1.029	-1.715	-1.240	0.349	2.489	4.314	5.032	4.272	2.252

Table 7-2-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1897 1302-GR-1-26 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 13.299 (GAL) T= 12.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.312	-2.527	-3.698	-3.608	-2.565	-1.216	-0.238	-0.044	-0.649	-1.725
1511	15.10	-2.800	-3.476	-3.572	-3.133	-2.344	-1.406	-0.460	0.412	1.147	1.659
1521	15.20	1.852	1.677	1.200	0.615	0.182	0.101	0.394	0.862	1.167	1.000
1531	15.30	0.257	-0.867	-1.942	-2.483	-2.181	-1.666	0.493	1.941	2.781	2.786
1541	15.40	2.081	1.055	0.161	-0.296	-0.282	-0.005	0.226	0.188	-0.141	-0.581
1551	15.50	-0.870	-0.811	-0.395	0.195	0.676	0.805	0.495	-0.158	-0.945	-1.658
1561	15.60	-2.183	-2.525	-2.519	-2.262	-2.262	-2.747	-2.132	-1.095	0.194	1.380
1571	15.70	2.050	1.904	0.917	-0.620	-2.176	-3.181	-3.236	-2.272	-0.558	1.409
1581	15.80	3.109	4.182	4.527	4.285	3.719	3.068	2.448	1.840	1.158	0.348
1591	15.90	-0.532	-1.311	-1.774	-1.765	-1.275	-0.461	0.412	1.074	1.355	1.236
1601	16.00	0.834	0.331	-0.109	-0.403	-0.549	-0.590	-0.557	-0.436	-0.169	0.297
1611	16.10	0.968	1.787	2.554	3.176	3.540	3.655	3.630	3.624	3.746	4.090
1621	16.20	4.409	4.799	4.761	4.212	3.103	1.530	-0.284	-2.061	-3.540	-4.550
1631	16.30	-5.045	-5.107	-4.906	-4.636	-4.455	-4.425	-4.500	-4.539	-4.364	-3.827
1641	16.40	-2.875	-1.576	-0.113	1.278	2.379	3.058	3.305	3.224	2.983	2.753
1651	16.50	2.652	2.711	2.880	3.054	3.107	2.931	2.456	1.673	0.641	-0.509
1661	16.60	-1.589	-2.384	-2.707	-2.462	-1.695	-0.607	0.481	1.216	1.321	0.695
1671	16.70	-0.543	-2.083	-3.512	-4.444	-4.635	-4.064	-2.923	-1.559	-0.359	0.363
1681	16.80	0.459	-0.024	-0.862	-1.726	-2.289	-2.320	-1.757	-0.728	0.686	1.542
1691	16.90	2.146	2.155	1.629	0.818	0.072	-0.288	-0.090	0.616	1.574	2.416
1701	17.00	2.808	2.586	1.820	0.794	-0.102	-0.533	-0.346	0.371	1.321	2.123
1711	17.10	2.457	2.132	1.379	0.294	-0.767	-1.566	-2.013	-2.172	-2.198	-2.237
1721	17.20	-2.353	-2.491	-2.525	-2.335	-1.884	-1.263	-0.659	-0.276	-0.245	-0.555
1731	17.30	-1.054	-1.508	-1.693	-1.481	-0.887	-0.047	0.838	1.583	2.076	2.295
1741	17.40	2.293	2.152	1.952	1.750	1.577	1.445	1.365	1.248	1.099	0.832
1751	17.50	0.396	-0.204	-0.885	-1.496	-1.867	-1.889	-1.581	-1.104	-0.714	-0.644
1761	17.60	-0.993	-1.649	-2.312	-2.609	-2.554	-2.193	-1.614	-0.945	-0.119	0.589
1771	17.70	2.756	1.536	0.100	-1.093	-1.725	-1.712	-1.197	-0.446	0.276	0.810
1781	17.80	1.127	1.288	1.370	1.405	1.346	1.198	0.872	0.428	-0.031	-0.377
1791	17.90	-0.518	-0.437	-0.198	0.088	0.318	0.429	0.408	0.274	0.044	-0.270
1801	18.00	-0.651	-1.046	-1.338	-1.372	-1.008	-0.203	0.925	2.102	2.974	3.241
1811	18.10	2.788	1.762	0.531	-0.443	-0.790	-0.385	0.594	1.723	2.502	2.546
1821	18.20	1.725	0.206	-1.621	-3.316	-4.521	-5.287	-5.114	-4.790	-4.368	-4.011
1831	18.30	-3.256	-2.207	-2.207	-2.708	-2.030	-1.241	-0.566	-0.019	0.248	0.278
1841	18.40	0.175	0.090	0.165	0.485	1.047	1.758	2.464	2.994	3.215	3.078
1851	18.50	2.633	2.019	1.415	0.983	0.806	0.870	1.069	1.258	1.316	1.209
1861	18.60	0.991	0.793	0.757	0.972	1.626	2.009	2.555	2.912	2.998	2.832
1871	18.70	2.522	2.207	1.999	1.941	1.997	2.080	2.109	2.044	1.914	1.789
1881	18.80	1.765	1.816	1.967	2.107	2.125	1.965	1.555	1.037	0.513	0.101
1891	18.90	-0.138	-0.232	-0.278	-0.395	-0.660	-1.058	-1.482	-1.774	-1.795	-1.502
1901	19.00	-0.975	-0.395	0.024	0.124	-0.131	-0.649	-1.257	-1.785	-2.146	-2.371
1911	19.10	-2.575	-2.888	-3.368	-3.960	-4.517	-4.867	-4.916	-4.689	-4.350	-4.104
1921	19.20	-4.110	-4.386	-4.797	-5.106	-5.087	-4.626	-3.773	-2.715	-1.691	-0.884
1931	19.30	-0.352	-0.028	0.227	0.538	0.949	1.417	1.849	2.160	2.324	2.373
1941	19.40	2.340	2.309	2.187	1.925	1.468	0.839	0.158	-0.600	-0.653	-0.526
1951	19.50	-0.079	0.515	1.051	1.391	1.528	1.578	1.703	2.015	2.500	3.011
1961	19.60	3.387	3.305	2.847	2.240	0.681	-0.103	-0.494	-0.783	-1.042	
1971	19.70	-1.385	-1.695	-1.905	-1.948	-1.839	-1.684	-1.633	-1.788	-2.143	-2.567
1981	19.80	-2.865	-2.878	-2.566	-2.027	-1.444	-0.974	-0.653	-0.563	0.110	0.947
1991	19.90	2.179	3.625	4.943	5.762	5.848	5.212	4.116	2.958	2.112	1.767

Table 7-2-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1897 1302-GR-1-26 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 13.299 (GAL) T= 12.92 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2001	20.00	1.867	2.161	2.329	2.141	1.551	0.699	-0.166	-0.816	-1.144	-1.191
2011	20.10	-1.112	-1.081	-1.203	-1.478	-1.816	-2.097	-2.242	-2.248	-2.183	-2.136
2021	20.20	-2.176	-2.078	-2.448	-2.539	-2.501	-2.311	-1.996	-1.612	-1.223	-0.868
2031	20.30	-0.568	-0.324	-0.136	-0.003	0.084	0.154	0.262	0.480	0.867	1.438
2041	20.40	2.143	2.868	3.470	3.824	3.867	3.620	3.179	2.674	2.223	1.896
2051	20.50	1.498	1.585	1.488	1.345	1.119	0.797	0.390	-0.077	-0.569	-1.038
2061	20.60	-1.427	-1.685	-1.778	-1.715	-1.553	-1.383	-1.296	-1.338	-1.479	-1.614
2071	20.70	-1.593	-1.288	-0.667	0.270	1.303	2.247	2.924	3.249	3.250	3.046
2081	20.80	2.789	2.597	2.507	2.474	2.400	2.191	1.792	1.213	0.513	-0.236
2091	20.90	-0.968	-1.655	-2.280	-2.827	-3.264	-3.543	-3.622	-3.499	-3.225	-2.899
2101	21.00	-2.647	-2.555	-2.635	-2.805	-2.918	-2.810	-2.367	-1.576	-0.534	0.578
2111	21.10	1.557	2.243	2.567	2.563	2.345	2.057	1.619	1.688	1.649	1.634
2121	21.20	1.554	1.345	0.990	0.524	0.018	-0.446	-0.804	-1.019	-1.076	-0.971
2131	21.30	-0.697	-0.242	0.386	1.141	1.911	2.527	2.799	2.569	1.869	0.768
2141	21.40	-0.454	-1.482	-2.062	-2.101	-1.716	-1.196	-0.878	-1.027	-1.705	-2.751
2151	21.50	-3.855	-4.691	-5.080	-4.973	-4.625	-4.283	-4.136	-4.188	-4.244	-4.005
2161	21.60	-3.225	-1.851	-0.084	1.689	3.053	3.744	3.754	3.335	2.869	2.690
2171	21.70	2.939	3.509	4.124	4.483	4.424	3.994	3.416	2.962	2.806	2.925
2181	21.80	3.113	3.081	2.628	1.720	0.540	-0.604	-1.420	-1.764	-1.690	-1.408
2191	21.90	-1.167	-1.134	-1.322	-1.603	-1.796	-1.771	-1.515	-1.134	-0.785	-0.591
2201	22.00	-0.580	-0.685	-0.802	-0.865	-0.892	-0.975	-1.217	-1.651	-2.189	-2.644
2211	22.10	-2.805	-2.544	-1.890	-1.030	-0.234	0.271	0.405	0.279	0.146	0.284
2221	22.20	0.861	1.855	3.055	4.144	4.853	4.780	4.635	4.016	3.406	3.040
2231	22.30	3.011	3.254	3.579	3.754	3.597	3.026	2.076	0.871	-0.425	-1.655
2241	22.40	-2.700	-3.488	-3.995	-4.237	-4.262	-4.147	-3.983	-3.860	-3.841	-3.941
2251	22.50	-4.116	-4.272	-4.294	-4.088	-3.616	-2.917	-2.094	-1.284	-0.611	-0.142
2261	22.60	0.125	0.251	0.325	0.420	0.565	0.742	0.905	1.015	1.067	1.099
2271	22.70	1.172	1.336	1.591	1.874	2.079	2.090	1.841	1.347	0.704	0.060
2281	22.80	-0.444	-0.724	-0.785	-0.709	-0.614	-0.604	-0.726	-0.954	-1.210	-1.397
2291	22.90	-1.439	-1.308	-1.026	-0.649	-0.248	0.115	0.393	0.562	0.619	0.582
2301	23.00	0.492	0.412	0.417	0.573	0.915	1.431	2.055	2.682	3.197	3.505
2311	23.10	3.557	3.357	2.952	2.416	1.826	1.249	0.730	0.297	-0.045	-0.307
2321	23.20	-0.511	-0.686	-0.851	-1.009	-1.136	-1.186	-1.116	-0.902	-0.561	-0.150
2331	23.30	0.249	0.563	0.758	0.850	0.898	0.970	1.102	1.262	1.448	1.523
2341	23.40	1.454	1.242	0.947	0.657	0.449	0.345	0.304	0.247	0.102	-0.148
2351	23.50	-0.444	-0.676	-0.716	-0.694	-0.626	0.580	0.569	0.598	1.798	1.790
2361	23.60	1.672	1.565	1.556	1.657	1.806	1.897	1.831	1.558	1.097	0.522
2371	23.70	-0.075	-0.621	-1.084	-1.475	-1.825	-2.160	-2.480	-2.761	-2.969	-3.081
2381	23.80	-3.103	-3.069	-3.031	-3.029	-3.081	-3.173	-3.269	-3.336	-3.358	-3.342
2391	23.90	-3.313	-3.290	-3.270	-3.212	-3.052	-2.729	-2.216	-1.552	-0.843	-0.243
2401	24.00	0.093	0.055	-0.372	-1.096	-1.939	-2.681	-3.121	-3.140	-2.729	-1.989
2411	24.10	-1.094	-0.246	0.401	0.764	0.854	0.759	0.602	0.502	0.532	0.708
2421	24.20	0.992	1.319	1.620	1.850	1.996	2.075	2.116	2.145	2.180	2.221
2431	24.30	2.265	2.311	2.363	2.431	2.525	2.639	2.751	2.826	2.826	2.727
2441	24.40	2.530	2.261	1.965	1.689	1.461	1.284	1.137	0.986	0.801	0.569
2451	24.50	0.301	0.021	-0.244	-0.479	-0.685	-0.871	-1.042	-1.187	-1.270	-1.243
2461	24.60	-1.066	-0.729	-0.267	0.239	0.688	0.989	1.097	1.027	0.852	0.668
2471	24.70	0.559	0.560	0.644	0.737	0.753	0.635	0.384	0.068	-0.201	-0.308
2481	24.80	-0.178	0.198	0.754	1.375	1.929	2.301	2.424	2.278	1.889	1.311
2491	24.90	0.610	-0.146	-0.890	-1.561	-2.107	-2.492	-2.703	-2.758	-2.702	-2.595

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

INDEX NO. 1897 1302-GR-1-26 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 13.299 (GAL) T= 12.92 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2501	25.00	-2.502	-2.472	-2.530	-2.667	-2.844	-3.004	-3.077	-3.004	-2.749	-2.313
2511	25.10	-1.740	-1.112	-0.529	-0.080	0.186	0.284	0.290	0.319	0.482	0.841
2521	25.20	1.386	2.034	2.662	3.154	3.448	3.550	3.528	3.468	3.431	3.419
2531	25.30	3.379	3.232	2.917	2.429	1.829	1.222	0.708	0.338	0.093	-0.109
2541	25.40	-0.367	-0.749	-1.255	-1.809	-2.293	-2.581	-2.611	-2.389	-1.988	-1.520
2551	25.50	-1.087	-0.748	-0.513	-0.350	-0.218	-0.088	0.043	0.159	0.239	0.276
2561	25.60	0.283	0.286	0.306	0.341	0.361	0.313	0.149	-0.152	-0.566	-1.029
2571	25.70	-1.449	-1.745	-1.867	-1.814	-1.629	-1.379	-1.128	-0.916	-0.753	-0.629
2581	25.80	-0.527	-0.443	-0.393	-0.398	-0.477	-0.623	-0.801	-0.957	-1.036	-1.010
2591	25.90	-0.888	-0.716	-0.559	-0.476	-0.499	-0.622	-0.811	-1.022	-1.219	-1.380
2601	26.00	-1.496	-1.556	-1.581	-1.428	-1.199	-0.864	-0.473	-0.106	0.155	0.262
2611	26.10	0.232	0.155	0.159	0.363	0.820	1.480	2.207	2.818	3.159	3.161
2621	26.20	2.866	2.408	1.953	1.634	1.503	1.523	1.607	1.665	1.657	1.604
2631	26.30	1.568	1.611	1.749	1.937	2.085	2.104	1.948	1.639	1.254	0.681
2641	26.40	0.576	0.323	0.050	-0.336	-0.893	-1.595	-2.337	-2.969	-3.358	-3.451
2651	26.50	-3.297	-3.025	-2.783	-2.665	-2.675	-2.719	-2.659	-2.380	-1.854	-1.154
2661	26.60	-0.627	0.170	0.538	0.671	0.656	0.619	0.666	0.839	1.100	1.366
2671	26.70	1.558	1.639	1.634	1.606	1.616	1.688	1.792	1.864	1.848	1.730
2681	26.80	1.550	1.301	1.207	1.280	1.301	1.245	1.006	0.534	-0.138	-0.897
2691	26.90	-1.602	-2.137	-2.458	-2.603	-2.654	-2.690	-2.738	-2.762	-2.683	-2.433
2701	27.00	-1.994	-1.423	-0.825	-0.311	0.058	0.250	0.456	0.647	0.920	1.267
2711	27.10	1.623	1.894	2.008	1.968	1.752	1.485	1.193	0.882	0.516	0.052
2721	27.20	-0.516	-1.128	-1.667	-2.004	-2.066	-1.869	-1.539	-1.248	-1.141	-1.259
2731	27.30	-1.516	-1.726	-1.686	-1.278	-0.523	0.412	1.279	1.857	2.037	1.863
2741	27.40	1.508	1.187	1.064	1.181	1.459	1.742	1.860	1.800	1.532	1.185
2751	27.50	0.878	0.607	0.597	0.536	0.402	0.159	-0.183	-0.520	-0.728	-0.718
2761	27.60	-0.478	-0.089	0.315	0.602	0.693	0.592	0.367	0.113	-0.097	-0.243
2771	27.70	-0.355	-0.479	-0.643	-0.823	-0.945	-0.910	-0.660	-0.112	0.622	1.450
2781	27.80	2.233	2.844	3.208	3.306	3.179	2.897	2.544	2.187	1.870	1.604
2791	27.90	1.375	1.146	0.876	0.529	0.094	-0.413	-0.948	-1.454	-1.880	-2.197
2801	28.00	-2.410	-2.551	-2.661	-2.771	-2.885	-2.980	-3.024	-2.990	-2.880	-2.721
2811	28.10	-2.555	-2.615	-2.506	-2.504	-2.044	-1.847	-1.540	-1.169	-0.786	-0.447
2821	28.20	-0.186	-0.000	0.144	0.291	0.467	0.667	0.855	0.987	1.033	0.998
2831	28.30	0.920	0.852	0.830	0.855	0.889	0.874	0.764	0.560	0.316	0.125
2841	28.40	0.085	0.253	0.624	1.127	1.653	2.095	2.393	2.545	2.606	2.656
2851	28.50	2.757	2.926	3.125	3.279	3.302	3.134	2.763	2.223	1.582	0.917
2861	28.60	0.289	-0.264	-0.735	-1.130	-1.459	-1.731	-1.954	-2.138	-2.306	-2.491
2871	28.70	-2.725	-3.025	-3.283	-3.763	-4.114	-4.385	-4.553	-4.629	-4.649	-4.654
2881	28.80	-4.661	-4.669	-4.558	-4.323	-3.967	-3.515	-2.975	-2.382	-1.810	-1.083
2891	28.90	-0.836	-0.593	-0.216	0.386	1.210	2.169	3.023	3.652	3.929	3.863
2901	29.00	3.577	3.256	3.071	3.116	3.325	3.742	4.066	4.218	4.121	3.781
2911	29.10	3.248	2.599	1.902	1.216	0.589	0.073	-0.279	-0.428	-0.369	-0.153
2921	29.20	0.121	0.336	0.401	0.291	0.072	-0.143	-0.225	-0.093	0.248	0.712
2931	29.30	1.166	1.491	1.632	1.616	1.530	1.475	1.508	1.613	1.706	1.669
2941	29.40	1.407	0.885	0.159	-0.884	-1.687	-2.137	-2.373	-2.781	-2.838	-2.781
2951	29.50	-2.681	-2.527	-2.479	-2.376	-2.250	-2.089	-1.893	-1.675	-1.454	-1.248
2961	29.60	-1.064	-0.897	-0.730	-0.546	-0.335	-0.107	0.114	0.297	0.419	0.484
2971	29.70	0.524	0.587	0.718	0.952	1.197	1.445	1.590	1.572	1.380	1.066
2981	29.80	0.718	0.427	0.240	0.139	0.052	-0.110	-0.406	-0.828	-1.299	-1.704
2991	29.90	-1.943	-1.970	-1.817	-1.574	-1.338	-1.170	-1.066	-0.969	-0.811	-0.560

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

INDEX NO. 1897 1302-GR-1-26 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 13.299 (GAL) T= 12.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.257	-0.009	0.058	-0.148	-0.627	-1.280	-1.934	-2.403	-2.555	-2.354
3011	30.10	-1.861	-1.203	-0.514	0.106	0.617	1.028	1.369	1.661	1.897	2.055
3021	30.20	2.114	2.080	1.994	1.922	1.927	2.045	2.260	2.513	2.720	2.808
3031	30.30	2.740	2.531	2.236	1.930	1.681	1.525	1.462	1.461	1.477	1.468
3041	30.40	1.411	1.302	1.149	0.964	0.754	0.516	0.245	-0.061	-0.392	-0.725
3051	30.50	-1.026	-1.267	-1.431	-1.524	-1.568	-1.595	-1.627	-1.668	-1.701	-1.697
3061	30.60	-1.633	-1.505	-1.336	-1.164	-1.030	-0.957	-0.939	-0.966	-0.943	-0.908
3071	30.70	-0.846	-0.788	-0.769	-0.806	-0.875	-0.916	-0.869	-0.612	-0.190	0.372
3081	30.80	0.981	1.534	1.949	2.198	2.300	2.304	2.253	2.156	1.990	1.715
3091	30.90	1.308	0.788	0.222	-0.302	-0.707	-0.966	-1.112	-1.220	-1.369	-1.598
3101	31.00	-1.884	-2.150	-2.302	-2.276	-2.077	-1.777	-1.490	-1.319	-1.307	-1.417
3111	31.10	-1.547	-1.573	-1.403	-1.017	-0.473	0.119	0.642	1.016	1.215	1.281
3121	31.20	1.277	1.262	1.263	1.272	1.259	1.193	1.063	0.887	0.697	0.530
3131	31.30	0.404	0.317	0.249	0.175	0.082	-0.027	-0.135	-0.218	-0.261	-0.258
3141	31.40	-0.217	-0.151	-0.076	-0.002	0.059	0.082	0.082	0.012	-0.121	-0.303
3151	31.50	-0.500	-0.668	-0.769	-0.788	-0.744	-0.686	-0.668	-0.726	-0.860	-1.030
3161	31.60	-1.178	-1.257	-1.254	-1.202	-1.161	-1.183	-1.281	-1.413	-1.491	-1.428
3171	31.70	-1.176	-0.759	-0.270	0.171	0.465	0.582	0.563	0.491	0.439	0.414
3181	31.80	0.348	0.132	-0.318	-0.994	-1.762	-2.394	-2.657	-2.408	-1.676	-0.657
3191	31.90	0.353	1.076	1.371	1.292	1.055	0.949	1.198	1.870	2.854	3.907
3201	32.00	4.770	5.268	5.368	5.170	4.835	4.503	4.229	3.978	3.673	3.252
3211	32.10	2.721	2.154	1.658	1.312	1.122	1.018	0.889	0.642	0.252	-0.228
3221	32.20	-0.693	-1.042	-1.230	-1.288	-1.301	-1.362	-1.519	-1.753	-1.985	-2.118
3231	32.30	-2.092	-1.912	-1.644	-1.388	-1.223	-1.179	-1.222	-1.275	-1.254	-1.104
3241	32.40	-0.817	-0.424	0.019	0.459	0.859	1.197	1.465	1.655	1.764	1.798
3251	32.50	1.779	1.743	1.733	1.780	1.884	2.007	2.084	2.044	1.840	1.468
3261	32.60	0.974	0.437	-0.055	-0.440	-0.694	-0.840	-0.931	-1.034	-1.200	-1.454
3271	32.70	-1.788	-2.166	-2.539	-2.861	-3.100	-3.252	-3.332	-3.373	-3.410	-3.465
3281	32.80	-3.538	-3.607	-3.636	-3.589	-3.449	-3.223	-2.940	-2.661	-2.359	-2.112
3291	32.90	-1.892	-1.678	-1.449	-1.194	-0.923	-0.659	-0.428	-0.245	-0.103	0.017
3301	33.00	0.143	0.292	0.464	0.639	0.791	0.895	0.945	0.949	0.928	0.905
3311	33.10	0.892	0.893	0.899	0.901	0.900	0.901	0.916	0.954	1.016	1.090
3321	33.20	1.160	1.214	1.248	1.274	1.310	1.373	1.469	1.588	1.706	1.794
3331	33.30	1.834	1.822	1.778	1.731	1.715	1.749	1.833	1.947	2.054	2.120
3341	33.40	2.120	2.045	1.908	1.731	1.539	1.349	1.166	0.985	0.797	0.595
3351	33.50	0.382	0.169	-0.031	-0.211	-0.372	-0.530	-0.704	-0.911	-1.154	-1.416
3361	33.60	-1.669	-1.884	-2.042	-2.149	-2.230	-2.321	-2.450	-2.625	-2.817	-2.979
3371	33.70	-3.053	-2.999	-2.812	-2.526	-2.199	-1.899	-1.672	-1.533	-1.458	-1.406
3381	33.80	-1.334	-1.215	-1.050	-0.863	-0.683	-0.529	-0.402	-0.286	-0.157	-0.003
3391	33.90	0.171	0.338	0.468	0.537	0.547	0.522	0.501	0.519	0.589	0.694
3401	34.00	0.796	0.849	0.825	0.726	0.584	0.446	0.353	0.320	0.331	0.369
3411	34.10	0.333	0.265	0.159	0.055	-0.000	0.029	0.145	0.320	0.508	0.672
3421	34.20	0.799	0.908	1.040	1.229	1.483	1.771	2.031	2.194	2.214	2.088
3431	34.30	1.859	1.600	1.384	1.256	1.217	1.231	1.245	1.215	1.124	0.989
3441	34.40	0.849	0.743	0.691	0.689	0.710	0.725	0.710	0.662	0.597	0.535
3451	34.50	0.488	0.456	0.425	0.378	0.308	0.222	0.141	0.088	0.074	0.089
3461	34.60	0.100	0.069	-0.030	-0.191	-0.373	-0.506	-0.519	-0.367	-0.051	0.375
3471	34.70	0.821	1.194	1.431	1.520	1.503	1.454	1.516	1.649	1.649	1.780
3481	34.80	1.824	1.710	1.409	0.952	0.408	-0.138	-0.623	-1.029	-1.378	-1.720
3491	34.90	-2.093	-2.505	-2.922	-3.278	-3.510	-3.586	-3.520	-3.369	-3.213	-3.122

Table 7-2-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1897 1302-GR-1-26 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 13.299 (GAL) T= 12.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-3.130	-3.224	-3.367	-3.495	-3.564	-3.550	-3.454	-3.289	-3.069	-2.804
3511	35.10	-2.502	-2.178	-1.806	-1.584	-1.381	-1.261	-1.200	-1.141	-1.018	-0.781
3521	35.20	-0.420	0.024	0.475	0.853	1.109	1.247	1.322	1.415	1.594	1.884
3531	35.30	2.249	2.607	2.865	2.955	2.865	2.639	2.361	2.119	1.972	1.932
3541	35.40	1.967	2.021	2.042	2.000	1.901	1.776	1.666	1.600	1.591	1.625
3551	35.50	1.678	1.719	1.730	1.703	1.644	1.565	1.475	1.375	1.257	1.110
3561	35.60	0.923	0.691	0.426	0.150	-0.108	-0.318	-0.461	-0.533	-0.545	-0.520
3571	35.70	-0.483	-0.457	-0.456	-0.487	-0.548	-0.640	-0.759	-0.901	-1.056	-1.209
3581	35.80	-1.336	-1.421	-1.456	-1.453	-1.437	-1.440	-1.483	-1.561	-1.641	-1.673
3591	35.90	-1.605	-1.411	-1.105	-0.735	-0.370	-0.070	0.142	0.281	0.399	0.552
3601	36.00	0.779	1.075	1.400	1.689	1.887	1.972	1.960	1.904	1.859	1.865
3611	36.10	1.923	2.000	2.041	1.996	1.839	1.575	1.234	0.859	0.487	0.140
3621	36.20	-0.178	-0.369	-0.735	-0.971	-1.169	-1.320	-1.425	-1.497	-1.558	-1.633
3631	36.30	-1.718	-1.874	-2.028	-2.176	-2.296	-2.374	-2.411	-2.423	-2.432	-2.462
3641	36.40	-2.529	-2.632	-2.758	-2.880	-2.965	-2.987	-2.928	-2.790	-2.589	-2.353
3651	36.50	-2.114	-1.898	-1.717	-1.569	-1.443	-1.320	-1.187	-1.037	-0.874	-0.710
3661	36.60	-0.555	-0.420	-0.304	-0.203	-0.107	-0.004	0.113	0.246	0.390	0.536
3671	36.70	0.671	0.784	0.869	0.927	0.970	1.013	1.076	1.172	1.300	1.449
3681	36.80	1.596	1.716	1.788	1.816	1.811	1.798	1.803	1.838	1.903	1.982
3691	36.90	2.055	2.106	2.134	2.151	2.177	2.228	2.306	2.395	2.465	2.483
3701	37.00	2.427	2.291	2.091	1.859	1.625	1.416	1.242	1.095	0.961	0.824
3711	37.10	0.674	0.510	0.336	0.163	-0.004	-0.166	-0.326	-0.491	-0.662	-0.837
3721	37.20	-1.007	-1.161	-1.292	-1.399	-1.488	-1.565	-1.635	-1.690	-1.717	-1.693
3731	37.30	-1.602	-1.446	-1.237	-1.018	-0.830	-0.704	-0.645	-0.628	-0.605	-0.526
3741	37.40	-0.359	-0.107	0.190	0.473	0.686	0.805	0.864	0.852	0.888	0.955
3751	37.50	1.176	1.396	1.589	1.692	1.670	1.526	1.298	1.040	0.797	0.590
3761	37.60	0.414	0.250	0.084	-0.083	-0.236	-0.355	-0.435	-0.491	-0.553	-0.655
3771	37.70	-0.809	-0.995	-1.166	-1.265	-1.253	-1.128	-0.928	-0.717	-0.556	-0.465
3781	37.80	-0.435	-0.411	-0.334	-0.154	0.124	0.463	0.800	1.073	1.245	1.315
3791	37.90	1.310	1.269	1.221	1.178	1.134	1.072	0.983	0.868	0.741	0.617
3801	38.00	0.511	0.425	0.357	0.298	0.244	0.194	0.147	0.099	0.042	-0.035
3811	38.10	-0.137	-0.263	-0.396	-0.517	-0.607	-0.661	-0.687	-0.707	-0.742	-0.805
3821	38.20	-0.893	-0.991	-1.080	-1.153	-1.212	-1.272	-1.368	-1.446	-1.556	-1.650
3831	38.30	-1.707	-1.708	-1.680	-1.617	-1.544	-1.426	-1.259	-1.037	-0.763	-0.238
3841	38.40	0.623	0.936	1.133	1.196	1.148	1.014	0.951	0.922	0.975	1.087
3851	38.50	1.208	1.278	1.253	1.116	0.883	0.592	0.287	0.006	-0.225	-0.394
3861	38.60	-0.506	-0.576	-0.635	-0.721	-0.872	-1.110	-1.426	-1.773	-2.071	-2.230
3871	38.70	-2.182	-1.906	-1.646	-0.899	-0.384	-0.003	0.190	0.209	0.118	0.009
3881	38.80	-0.041	0.008	0.150	0.361	0.523	0.648	0.693	0.663	0.580	0.475
3891	38.90	0.372	0.286	0.213	0.155	0.103	0.051	-0.007	-0.073	-0.151	-0.239
3901	39.00	-0.335	-0.435	-0.536	-0.637	-0.741	-0.851	-0.970	-1.092	-1.227	-1.369
3911	39.10	-1.452	-1.526	-1.559	-1.542	-1.469	-1.340	-1.165	-0.967	-0.783	-0.653
3921	39.20	-0.607	-0.650	-0.757	-0.871	-0.923	-0.855	-0.638	-0.287	0.147	0.597
3931	39.30	1.002	1.328	1.577	1.769	1.935	2.091	2.235	2.352	2.427	2.456
3941	39.40	2.455	2.466	2.452	2.475	2.500	2.498	2.433	2.297	2.098	1.862
3951	39.50	1.618	1.379	1.156	0.931	0.703	0.477	0.279	0.144	0.100	0.169
3961	39.60	0.262	0.386	0.464	0.463	0.382	0.258	0.167	0.096	0.127	0.225
3971	39.70	0.350	0.454	0.507	0.505	0.470	0.438	0.434	0.469	0.529	0.593
3981	39.80	0.639	0.664	0.678	0.702	0.751	0.825	0.904	0.957	0.955	0.881
3991	39.90	0.744	0.568	0.388	0.231	0.109	0.015	-0.069	-0.163	-0.277	-0.409

Table 7-2-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1897 1302-GR-1-26 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 13.299 (GAL) T= 12.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.544	-0.667	-0.770	-0.855	-0.935	-1.027	-1.138	-1.269	-1.409	-1.544
4011	40.10	-1.666	-1.774	-1.879	-1.990	-2.112	-2.236	-2.341	-2.410	-2.433	-2.422
4021	40.20	-2.403	-2.408	-2.460	-2.553	-2.658	-2.731	-2.729	-2.634	-2.457	-2.232
4031	40.30	-2.001	-1.787	-1.589	-1.383	-1.143	-0.861	-0.560	-0.289	-0.104	-0.035
4041	40.40	-0.071	-0.162	-0.237	-0.240	-0.156	-0.020	0.101	0.145	0.086	-0.054
4051	40.50	-0.216	-0.336	-0.381	-0.372	-0.369	-0.442	-0.626	-0.898	-1.176	-1.359
4061	40.60	-1.368	-1.188	-0.876	-0.536	-0.269	-0.133	-0.114	-0.141	-0.123	0.096
4071	40.70	0.259	0.596	0.951	1.269	1.535	1.773	2.027	2.331	2.679	3.033
4081	40.80	3.337	3.555	3.693	3.794	3.923	4.118	4.371	4.617	4.765	4.734
4091	40.90	4.501	4.114	3.676	3.305	3.081	3.017	3.056	3.096	3.036	2.819
4101	41.00	2.446	1.970	1.468	1.001	0.599	0.256	-0.058	-0.371	-0.693	-1.015
4111	41.10	-1.319	-1.592	-1.834	-2.059	-2.285	-2.517	-2.740	-2.920	-3.018	-3.010
4121	41.20	-2.896	-2.705	-2.484	-2.280	-2.121	-2.012	-1.938	-1.871	-1.794	-1.699
4131	41.30	-1.599	-1.512	-1.454	-1.426	-1.416	-1.401	-1.358	-1.276	-1.157	-1.015
4141	41.40	-0.867	-0.726	-0.598	-0.475	-0.347	-0.207	-0.055	0.100	0.242	0.358
4151	41.50	0.439	0.488	0.516	0.535	0.554	0.572	0.582	0.569	0.520	0.431
4161	41.60	0.305	0.157	0.008	-0.122	-0.218	-0.273	-0.291	-0.283	-0.261	-0.240
4171	41.70	-0.230	-0.238	-0.247	-0.313	-0.370	-0.432	-0.493	-0.547	-0.592	-0.646
4181	41.80	-0.699	-0.762	-0.830	-0.890	-0.921	-0.895	-0.790	-0.595	-0.319	0.011
4191	41.90	0.354	0.669	0.927	1.120	1.258	1.367	1.472	1.587	1.706	1.808
4201	42.00	1.883	1.849	1.762	1.612	1.425	1.223	1.016	0.797	0.552	0.266
4211	42.10	-0.055	-0.388	-0.689	-0.914	-1.040	-1.073	-1.048	-1.020	-1.033	-1.106
4221	42.20	-1.218	-1.320	-1.353	-1.277	-1.085	-0.809	-0.504	-0.225	-0.003	0.160
4231	42.30	0.298	0.441	0.623	0.840	1.042	1.239	1.329	1.308	1.185	0.994
4241	42.40	0.786	0.606	0.479	0.406	0.367	0.331	0.270	0.171	0.036	-0.117
4251	42.50	-0.265	-0.386	-0.471	-0.526	-0.567	-0.615	-0.685	-0.778	-0.883	-0.977
4261	42.60	-1.041	-1.071	-1.079	-1.094	-1.143	-1.238	-1.361	-1.470	-1.510	-1.436
4271	42.70	-1.240	-0.952	-0.634	-0.353	-0.153	-0.035	0.039	0.130	0.286	0.518
4281	42.80	0.796	1.066	1.277	1.410	1.494	1.586	1.741	1.977	2.258	2.500
4291	42.90	2.607	2.514	2.216	1.779	1.311	0.918	0.666	0.548	0.511	0.469
4301	43.00	0.351	0.132	-0.160	-0.462	-0.703	-0.832	-0.836	-0.732	-0.560	-0.360
4311	43.10	-0.164	0.004	0.131	0.208	0.232	0.209	0.161	0.118	0.112	0.160
4321	43.20	0.253	0.360	0.436	0.444	0.371	0.236	0.077	-0.064	-0.162	-0.220
4331	43.30	-0.264	-0.326	-0.422	-0.543	-0.660	-0.733	-0.736	-0.668	-0.552	-0.422
4341	43.40	-0.308	-0.219	-0.143	-0.062	0.035	0.141	0.230	0.268	0.235	0.135
4351	43.50	-0.004	-0.142	-0.248	-0.312	-0.350	-0.394	-0.468	-0.578	-0.700	-0.794
4361	43.60	-0.821	-0.764	-0.638	-0.484	-0.350	-0.371	-0.455	-0.589	-0.595	-0.592
4371	43.70	-0.218	-0.089	0.066	0.207	0.294	0.298	0.208	0.030	-0.219	-0.509
4381	43.80	-0.809	-1.084	-1.310	-1.473	-1.583	-1.663	-1.749	-1.868	-2.030	-2.214
4391	43.90	-2.377	-2.464	-2.432	-2.268	-1.996	-1.669	-1.354	-1.106	-0.950	-0.878
4401	44.00	-0.855	-0.838	-0.789	-0.694	-0.557	-0.399	-0.245	-0.113	-0.011	0.065
4411	44.10	0.127	0.191	0.276	0.398	0.575	0.812	1.104	1.430	1.755	2.043
4421	44.20	2.261	2.400	2.471	2.506	2.543	2.604	2.690	2.775	2.814	2.769
4431	44.30	2.620	2.382	2.097	1.819	1.598	1.455	1.381	1.344	1.306	1.238
4441	44.40	1.138	1.027	0.939	0.900	0.919	0.978	1.040	1.065	1.026	0.921
4451	44.50	0.770	0.611	0.479	0.395	0.358	0.345	0.325	0.271	0.170	0.028
4461	44.60	-0.132	-0.287	-0.421	-0.530	-0.628	-0.735	-0.865	-1.018	-1.177	-1.310
4471	44.70	-1.384	-1.377	-1.287	-1.137	-0.968	-0.822	-0.731	-0.707	-0.742	-0.812
4481	44.80	-0.892	-0.967	-1.030	-1.087	-1.138	-1.174	-1.176	-1.107	-0.944	-0.676
4491	44.90	-0.319	0.084	0.475	0.802	1.030	1.153	1.189	1.172	1.130	1.079

Table 7-2-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1897 1302-GR-1-26 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 13.299 (GAL) T= 12.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	1.017	0.933	0.814	0.660	0.484	0.309	0.157	0.040	-0.043	-0.107
4511	45.10	-0.171	-0.249	-0.345	-0.452	-0.558	-0.654	-0.740	-0.822	-0.910	-1.009
4521	45.20	-1.115	-1.218	-1.302	-1.356	-1.378	-1.378	-1.373	-1.378	-1.406	-1.456
4531	45.30	-1.520	-1.585	-1.636	-1.666	-1.666	-1.642	-1.595	-1.529	-1.445	-1.344
4541	45.40	-1.226	-1.089	-0.933	-0.780	-0.568	-0.353	-0.149	0.068	0.282	0.488
4551	45.50	0.687	0.850	1.064	1.233	1.379	1.487	1.552	1.575	1.577	1.587
4561	45.60	1.636	1.743	1.904	2.085	2.233	2.292	2.221	2.013	1.696	1.326
4571	45.70	0.965	0.665	0.448	0.308	0.216	0.136	0.064	-0.065	-0.181	-0.281
4581	45.80	-0.344	-0.363	-0.341	-0.290	-0.230	-0.172	-0.123	-0.084	-0.053	-0.029
4591	45.90	-0.015	-0.012	-0.026	-0.057	-0.102	-0.155	-0.211	-0.262	-0.303	-0.333
4601	46.00	-0.352	-0.361	-0.367	-0.376	-0.396	-0.433	-0.487	-0.549	-0.605	-0.636
4611	46.10	-0.627	-0.571	-0.474	-0.351	-0.227	-0.123	-0.056	-0.029	-0.033	-0.054
4621	46.20	-0.072	-0.073	-0.051	-0.008	0.047	0.101	0.145	0.175	0.191	0.200
4631	46.30	0.211	0.230	0.262	0.306	0.357	0.412	0.467	0.524	0.585	0.654
4641	46.40	0.728	0.799	0.853	0.877	0.861	0.806	0.724	0.633	0.553	0.497
4651	46.50	0.468	0.457	0.450	0.436	0.411	0.379	0.349	0.329	0.320	0.315
4661	46.60	0.303	0.271	0.214	0.134	0.041	-0.056	-0.152	-0.251	-0.362	-0.491
4671	46.70	-0.640	-0.803	-0.966	-1.114	-1.246	-1.357	-1.457	-1.555	-1.658	-1.763
4681	46.80	-1.864	-1.952	-2.026	-2.088	-2.148	-2.212	-2.281	-2.347	-2.395	-2.410
4691	46.90	-2.382	-2.311	-2.203	-2.064	-1.894	-1.689	-1.437	-1.133	-0.781	-0.398
4701	47.00	-0.010	0.359	0.696	1.003	1.289	1.570	1.847	2.110	2.338	2.508
4711	47.10	2.611	2.657	2.670	2.682	2.715	2.763	2.812	2.832	2.800	2.712
4721	47.20	2.587	2.459	2.358	2.297	2.264	2.228	2.155	2.022	1.832	1.608
4731	47.30	1.386	1.196	1.050	0.939	0.861	0.732	0.603	0.457	0.311	0.181
4741	47.40	0.077	-0.008	-0.085	-0.145	-0.212	-0.271	-0.455	-0.831	-0.999	-1.142
4751	47.50	-1.258	-1.350	-1.424	-1.485	-1.540	-1.595	-1.655	-1.722	-1.791	-1.852
4761	47.60	-1.887	-1.878	-1.815	-1.704	-1.567	-1.437	-1.346	-1.315	-1.344	-1.412
4771	47.70	-1.487	-1.533	-1.525	-1.453	-1.320	-1.141	-0.931	-0.703	-0.468	-0.239
4781	47.80	-0.029	0.146	0.278	0.368	0.436	0.510	0.624	0.796	1.020	1.265
4791	47.90	1.481	1.615	1.635	1.539	1.355	1.135	0.929	0.774	0.677	0.619
4801	48.00	0.571	0.504	0.410	0.297	0.188	0.106	0.058	0.038	0.023	-0.011
4811	48.10	-0.077	-0.174	-0.283	-0.383	-0.456	-0.504	-0.568	-0.586	-0.587	-0.755
4821	48.20	-0.864	-0.968	-1.037	-1.080	-1.113	-1.164	-1.258	-1.403	-1.583	-1.755
4831	48.30	-1.874	-1.899	-1.817	-1.641	-1.406	-1.152	-0.915	-0.711	-0.544	-0.404
4841	48.40	-0.282	-0.173	-0.072	0.024	0.124	0.242	0.389	0.569	0.774	0.982
4851	48.50	1.171	1.326	1.450	1.558	1.674	1.812	1.963	2.095	2.159	2.116
4861	48.60	1.945	1.677	1.350	1.036	0.781	0.613	0.518	0.453	0.370	0.238
4871	48.70	0.048	-0.169	-0.370	-0.510	-0.562	-0.525	-0.417	-0.273	-0.126	0.000
4881	48.80	0.091	0.153	0.186	0.200	0.200	0.190	0.170	0.145	0.120	0.112
4891	48.90	0.100	0.047	-0.012	-0.063	-0.095	-0.100	-0.081	-0.050	-0.025	-0.023
4901	49.00	-0.052	-0.108	-0.174	-0.232	-0.267	-0.275	-0.245	-0.251	-0.247	-0.258
4911	49.10	-0.279	-0.298	-0.301	-0.280	-0.238	-0.188	-0.136	-0.097	-0.073	-0.057
4921	49.20	-0.042	-0.021	0.007	0.060	0.072	0.098	0.118	0.134	0.150	0.166
4931	49.30	0.181	0.191	0.195	0.190	0.177	0.158	0.134	0.104	0.065	0.015
4941	49.40	-0.041	-0.094	-0.129	-0.134	-0.102	-0.037	0.045	0.124	0.187	0.220
4951	49.50	0.226	0.217	0.208	0.210	0.228	0.258	0.292	0.321	0.344	0.360
4961	49.60	0.376	0.398	0.415	0.438	0.458	0.474	0.486	0.499	0.517	0.542
4971	49.70	0.571	0.600	0.622	0.638	0.649	0.665	0.690	0.726	0.766	0.798
4981	49.80	0.799	0.765	0.695	0.601	0.505	0.427	0.378	0.356	0.345	0.324
4991	49.90	0.275	0.191	0.078	-0.047	-0.184	-0.258	-0.326	-0.374	-0.418	-0.471

Table 7-2-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1697 1302-GR-1-26 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 13.299 (GAL) T= 12.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.541	-0.628	-0.724	-0.819	-0.905	-0.980	-1.047	-1.111	-1.179	-1.252
5011	50.10	-1.333	-1.418	-1.504	-1.587	-1.658	-1.703	-1.709	-1.659	-1.543	-1.360
5021	50.20	-1.120	-0.848	-0.574	-0.327	-0.128	0.013	0.101	0.149	0.175	0.195
5031	50.30	0.221	0.259	0.307	0.360	0.404	0.425	0.409	0.347	0.238	0.096
5041	50.40	-0.058	-0.199	-0.304	-0.366	-0.386	-0.391	-0.403	-0.440	-0.509	-0.601
5051	50.50	-0.698	-0.786	-0.856	-0.914	-0.976	-1.033	-1.150	-1.252	-1.335	-1.371
5061	50.60	-1.341	-1.241	-1.086	-0.902	-0.712	-0.534	-0.371	-0.217	-0.065	0.087
5071	50.70	0.233	0.363	0.473	0.563	0.647	0.760	0.852	0.981	1.108	1.209
5081	50.80	1.259	1.250	1.194	1.121	1.064	1.049	1.082	1.147	1.211	1.243
5091	50.90	1.222	1.150	1.046	0.941	0.864	0.830	0.839	0.872	0.905	0.912
5101	51.00	0.879	0.804	0.697	0.577	0.462	0.368	0.304	0.267	0.250	0.241
5111	51.10	0.229	0.206	0.169	0.122	0.070	0.018	-0.032	-0.080	-0.130	-0.182
5121	51.20	-0.237	-0.291	-0.340	-0.385	-0.429	-0.480	-0.549	-0.641	-0.752	-0.874
5131	51.30	-0.993	-1.097	-1.186	-1.266	-1.349	-1.445	-1.550	-1.646	-1.703	-1.689
5141	51.40	-1.585	-1.393	-1.140	-0.866	-0.612	-0.404	-0.243	-0.107	0.037	0.214
5151	51.50	0.433	0.672	0.891	1.043	1.095	1.040	0.902	0.726	0.563	0.450
5161	51.60	0.398	0.390	0.393	0.372	0.312	0.220	0.128	0.074	0.092	0.187
5171	51.70	0.341	0.512	0.653	0.734	0.768	0.717	0.681	0.678	0.728	0.831
5181	51.80	0.964	1.095	1.201	1.276	1.330	1.380	1.439	1.505	1.559	1.575
5191	51.90	1.531	1.419	1.254	1.065	0.886	0.741	0.638	0.569	0.515	0.462
5201	52.00	0.402	0.336	0.267	0.201	0.132	0.054	-0.042	-0.153	-0.279	-0.376
5211	52.10	-0.448	-0.483	-0.485	-0.472	-0.466	-0.482	-0.523	-0.577	-0.623	-0.643
5221	52.20	-0.630	-0.587	-0.531	-0.481	-0.452	-0.445	-0.454	-0.466	-0.468	-0.456
5231	52.30	-0.429	-0.396	-0.360	-0.332	-0.315	-0.308	-0.312	-0.325	-0.348	-0.378
5241	52.40	-0.413	-0.447	-0.477	-0.499	-0.515	-0.527	-0.538	-0.552	-0.570	-0.592
5251	52.50	-0.616	-0.641	-0.666	-0.694	-0.725	-0.760	-0.797	-0.836	-0.875	-0.911
5261	52.60	-0.943	-0.970	-0.990	-1.000	-0.997	-0.980	-0.945	-0.894	-0.826	-0.743
5271	52.70	-0.648	-0.547	-0.448	-0.359	-0.289	-0.244	-0.222	-0.219	-0.224	-0.224
5281	52.80	-0.212	-0.186	-0.149	-0.107	-0.066	-0.026	0.014	0.059	0.110	0.165
5291	52.90	0.218	0.261	0.290	0.306	0.314	0.319	0.325	0.334	0.342	0.348
5301	53.00	0.355	0.370	0.403	0.457	0.526	0.596	0.646	0.668	0.662	0.650
5311	53.10	0.660	0.719	0.833	0.987	1.142	1.255	1.289	1.235	1.108	0.945
5321	53.20	0.782	0.647	0.547	0.475	0.419	0.367	0.321	0.285	0.264	0.256
5331	53.30	0.241	0.212	0.156	0.082	0.006	-0.049	-0.072	-0.072	-0.075	-0.109
5341	53.40	-0.191	-0.310	-0.426	-0.486	-0.438	-0.275	-0.023	0.258	0.493	0.626
5351	53.50	0.634	0.536	0.374	0.200	0.049	-0.068	-0.161	-0.251	-0.352	-0.472
5361	53.60	-0.603	-0.733	-0.854	-0.958	-1.039	-1.091	-1.100	-1.055	-0.951	-0.802
5371	53.70	-0.635	-0.486	-0.388	-0.351	-0.360	-0.382	-0.381	-0.334	-0.251	-0.165
5381	53.80	-0.123	-0.159	-0.282	-0.466	-0.660	-0.809	-0.874	-0.848	-0.752	-0.625
5391	53.90	-0.508	-0.424	-0.381	-0.366	-0.363	-0.359	-0.346	-0.326	-0.301	-0.268
5401	54.00	-0.223	-0.162	-0.083	0.007	0.095	0.165	0.210	0.230	0.239	0.255
5411	54.10	0.299	0.383	0.508	0.662	0.827	0.982	1.109	1.196	1.235	1.235
5421	54.20	1.203	1.150	1.084	1.011	0.931	0.842	0.739	0.625	0.503	0.383
5431	54.30	0.273	0.178	0.092	0.026	-0.049	-0.123	-0.190	-0.233	-0.236	-0.182
5441	54.40	-0.085	0.055	0.142	0.199	0.186	0.103	-0.028	-0.173	-0.300	-0.392
5451	54.50	-0.450	-0.490	-0.530	-0.578	-0.628	-0.656	-0.638	-0.556	-0.409	-0.213
5461	54.60	0.006	0.223	0.424	0.607	0.780	0.949	1.110	1.249	1.343	1.371
5471	54.70	1.329	1.227	1.092	0.959	0.856	0.797	0.774	0.768	0.753	0.713
5481	54.80	0.643	0.552	0.458	0.382	0.333	0.313	0.310	0.311	0.300	0.272
5491	54.90	0.227	0.171	0.113	0.061	0.017	-0.021	-0.058	-0.098	-0.143	-0.195

Table 7-2-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1697 1302-GR-1-26 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = 13.299 (GAL) T= 12.92 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.252	-0.310	-0.367	-0.423	-0.476	-0.527	-0.576	-0.623	-0.667	-0.707
5511	55.10	-0.742	-0.771	-0.794	-0.812	-0.825	-0.838	-0.854	-0.877	-0.910	-0.952
5521	55.20	-0.998	-1.045	-1.089	-1.129	-1.169	-1.215	-1.265	-1.308	-1.321	-1.268
5531	55.30	-1.113	-0.835	-0.441	0.034	0.522	0.943	1.227	1.333	1.265	1.064
5541	55.40	0.802	0.552	0.367	0.269	0.247	0.267	0.290	0.289	0.234	0.194
5551	55.50	0.127	0.066	0.017	-0.028	-0.079	-0.145	-0.226	-0.313	-0.392	-0.452
5561	55.60	-0.490	-0.516	-0.540	-0.560	-0.710	-0.771	-0.801	-0.784	-0.734	-0.714
5571	55.70	-0.602	-0.570	-0.343	-0.241	-0.175	-0.142	-0.131	-0.126	-0.119	-0.096
5581	55.80	-0.057	-0.006	0.052	0.112	0.172	0.229	0.284	0.336	0.385	0.431
5591	55.90	0.474	0.514	0.552	0.589	0.626	0.665	0.709	0.758	0.813	0.869
5601	56.00	0.920	0.957	0.970	0.955	0.911	0.846	0.773	0.703	0.646	0.603
5611	56.10	0.570	0.538	0.501	0.455	0.405	0.359	0.323	0.299	0.280	0.256
5621	56.20	0.214	0.169	0.092	0.026	-0.044	-0.095	-0.126	-0.116	-0.084	-0.021
5631	56.30	-0.744	-0.870	-0.985	-1.081	-1.159	-1.233	-1.320	-1.438	-1.590	-1.766
5641	56.40	-1.938	-2.073	-2.143	-2.132	-2.044	-1.895	-1.711	-1.517	-1.329	-1.155
5651	56.50	-0.995	-0.843	-0.695	-0.548	-0.402	-0.257	-0.119	0.010	0.125	0.223
5661	56.60	0.302	0.366	0.421	0.476	0.537	0.611	0.694	0.785	0.877	0.969
5671	56.70	1.064	1.166	1.276	1.390	1.494	1.573	1.617	1.625	1.614	1.610
5681	56.80	1.640	1.716	1.830	1.952	2.042	2.066	2.001	1.862	1.676	1.481
5691	56.90	1.303	1.148	1.093	0.846	0.661	0.453	0.250	0.089	0.006	0.013
5701	57.00	0.093	0.205	0.299	0.338	0.308	0.222	0.112	0.016	-0.043	-0.059
5711	57.10	-0.045	-0.021	-0.003	0.002	-0.002	-0.007	-0.007	-0.003	-0.005	-0.020
5721	57.20	-0.052	-0.098	-0.144	-0.179	-0.195	-0.197	-0.193	-0.198	-0.217	-0.248
5731	57.30	-0.279	-0.296	-0.293	-0.274	-0.255	-0.259	-0.300	-0.384	-0.495	-0.609
5741	57.40	-0.702	-0.761	-0.792	-0.817	-0.866	-0.964	-1.116	-1.306	-1.500	-1.659
5751	57.50	-1.752	-1.765	-1.708	-1.607	-1.493	-1.392	-1.316	-1.263	-1.222	-1.179
5761	57.60	-1.127	-1.066	-1.002	-0.943	-0.890	-0.848	-0.819	-0.773	-0.734	-0.731
5771	57.70	-0.673	-0.640	-0.626	-0.626	-0.604	-0.570	-0.527	-0.488	-0.468	-0.479
5781	57.80	-0.524	-0.591	-0.663	-0.717	-0.744	-0.746	-0.739	-0.742	-0.769	-0.817
5791	57.90	-0.864	-0.878	-0.828	-0.697	-0.494	-0.247	0.003	0.218	0.380	0.488
5801	58.00	0.562	0.625	0.695	0.777	0.863	0.937	0.989	1.019	1.039	1.063
5811	58.10	1.104	1.163	1.232	1.298	1.353	1.401	1.454	1.527	1.628	1.761
5821	58.20	1.853	1.920	1.917	1.834	1.686	1.509	1.334	1.223	1.156	1.155
5831	58.30	1.153	1.044	0.985	0.871	0.744	0.631	0.554	0.521	0.520	0.529
5841	58.40	0.525	0.496	0.446	0.387	0.347	0.348	0.405	0.516	0.670	0.841
5851	58.50	1.002	1.121	1.177	1.159	1.073	0.937	0.781	0.638	0.532	0.469
5861	58.60	0.461	0.425	0.394	0.330	0.229	0.103	-0.029	-0.148	-0.246	-0.328
5871	58.70	-0.407	-0.496	-0.597	-0.698	-0.774	-0.802	-0.766	-0.667	-0.522	-0.358
5881	58.80	-0.199	-0.060	0.056	0.117	0.222	0.275	0.292	0.259	0.171	0.032
5891	58.90	-0.134	-0.297	-0.427	-0.507	-0.541	-0.544	-0.551	-0.578	-0.638	-0.724
5901	59.00	-0.818	-0.900	-0.951	-0.965	-0.943	-0.894	-0.830	-0.761	-0.693	-0.634
5911	59.10	-0.586	-0.555	-0.534	-0.525	-0.518	-0.506	-0.482	-0.449	-0.413	-0.383
5921	59.20	-0.367	-0.367	-0.377	-0.387	-0.386	-0.371	-0.345	-0.317	-0.298	-0.293
5931	59.30	-0.300	-0.309	-0.309	-0.294	-0.265	-0.230	-0.201	-0.182	-0.172	-0.161
5941	59.40	-0.136	-0.088	-0.019	0.057	0.119	0.147	0.128	0.063	-0.034	-0.143
5951	59.50	-0.244	-0.325	-0.384	-0.428	-0.447	-0.508	-0.555	-0.605	-0.657	-0.706
5961	59.60	-0.753	-0.798	-0.840	-0.867	-0.898	-0.895	-0.863	-0.799	-0.715	-0.624
5971	59.70	-0.545	-0.691	-0.467	-0.667	-0.425	-0.472	-0.445	-0.392	-0.319	-0.243
5981	59.80	-0.181	-0.145	-0.133	-0.135	-0.136	-0.114	-0.067	0.002	0.077	0.140
5991	59.90	0.178	0.191	0.190	0.195	0.227	0.295	0.391	0.495	0.580	0.624

Table 7-3-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1898 1302-GR-1-26 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 77.635 (GAL) T= 11.06 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1	0.0	0.717	-0.244	-1.251	-1.931	-2.047	-1.608	-0.867	-0.195	0.098	-0.085
11	0.10	-0.591	-1.111	-1.341	-1.138	-0.589	0.064	0.565	0.715	0.621	0.449
21	0.20	0.387	0.490	0.636	0.596	0.193	-0.543	-1.334	-1.759	-1.472	-0.421
31	0.30	1.057	2.337	2.781	2.050	0.320	-1.747	-3.264	-3.508	-2.270	0.027
41	0.40	2.482	4.102	4.230	2.829	0.485	-1.870	-3.375	-3.608	-2.735	-1.373
51	0.50	-0.255	0.131	-0.232	-0.927	-1.357	-1.091	-0.116	1.136	1.974	1.821
61	0.60	0.520	-1.539	-3.545	-4.601	-4.122	-2.096	0.836	3.704	5.498	5.597
71	0.70	3.982	1.214	-1.806	-4.184	-5.336	-5.137	-3.874	-2.057	-0.187	1.410
81	0.80	2.624	3.478	4.010	4.170	3.827	2.851	1.247	-0.759	-2.726	-4.122
91	0.90	-4.517	-3.760	-2.060	0.071	1.982	3.106	3.137	2.102	0.319	-1.739
101	1.00	-3.595	-4.879	-5.379	-5.023	-3.855	-2.017	0.237	2.527	4.375	5.289
111	1.10	4.921	3.220	0.528	-2.165	-4.894	-5.999	-5.389	-3.192	-0.030	3.193
121	1.20	5.590	6.582	6.048	4.312	1.963	-0.377	-2.255	-3.470	-4.038	-4.071
131	1.30	-3.668	-2.861	-1.655	-0.114	1.562	3.032	3.907	3.895	2.941	1.290
141	1.40	-0.580	-2.106	-2.861	-2.603	-1.519	0.038	1.597	2.752	3.266	3.095
151	1.50	2.366	1.278	0.055	-1.090	-1.958	-2.366	-2.185	-1.391	-0.129	1.273
161	1.60	2.368	2.732	2.137	0.685	-1.175	-2.771	-3.449	-2.836	-1.017	1.441
171	1.70	3.686	4.876	4.506	2.604	-0.247	-3.131	-5.117	-5.597	-4.484	-2.223
181	1.80	0.400	2.556	3.661	3.443	2.443	0.864	-0.658	-1.751	-2.299	-2.411
191	1.90	-2.288	-2.078	-1.785	-1.279	-0.400	0.896	2.444	3.866	4.694	4.556
201	2.00	3.364	1.393	-0.780	-2.474	-3.159	-2.666	-1.253	0.499	1.930	2.564
211	2.10	2.295	1.391	0.340	-0.403	-0.632	-0.469	-0.263	-0.368	-0.907	-1.664
221	2.20	-2.164	-1.920	-0.721	1.180	3.101	4.197	3.862	1.958	-0.871	-3.587
231	2.30	-5.074	-4.622	-2.259	1.239	4.634	6.723	6.799	4.915	1.815	-1.400
241	2.40	-3.730	-4.668	-4.241	-3.081	-1.906	-1.278	-1.363	-1.917	-2.463	-2.981
251	2.50	-1.929	-0.719	0.745	2.036	2.819	2.959	2.537	1.779	0.958	0.312
261	2.60	-0.005	0.071	0.511	1.197	1.926	2.432	2.452	1.812	0.528	-1.145
271	2.70	-2.755	-3.785	-3.836	-2.808	-0.970	1.101	2.709	3.295	2.652	1.006
281	2.80	-1.060	-2.829	-3.716	-3.480	-2.292	-0.642	0.873	1.793	1.950	1.499
291	2.90	0.798	0.224	-0.003	0.106	0.357	0.514	0.447	0.221	0.052	0.182
301	3.00	0.712	1.505	2.214	2.436	1.916	0.710	-0.800	-2.068	-2.541	-2.095
311	3.10	-0.950	0.317	1.041	0.777	-0.489	-2.316	-3.998	-4.892	-4.687	-3.538
321	3.20	-1.962	-0.569	0.236	0.428	0.368	0.464	1.083	2.142	3.198	3.640
331	3.30	3.013	1.297	-1.007	-3.050	-3.983	-3.335	-1.246	1.571	4.105	5.457
341	3.40	5.189	3.481	1.017	-1.309	-2.765	-3.034	-2.290	-1.053	0.068	0.633
351	3.50	0.526	-0.044	-0.662	-0.993	-0.752	0.021	1.078	2.048	2.569	2.408
361	3.60	1.528	0.100	-1.543	-2.999	-3.903	-4.030	-3.358	-2.078	-0.540	0.855
371	3.70	1.773	2.041	1.686	0.908	-0.002	-0.757	-1.151	-1.097	-0.618	-0.186
381	3.80	1.165	2.148	2.953	3.410	3.393	2.866	1.918	0.761	-0.317	-1.040
391	3.90	-1.252	-0.972	-0.392	0.202	0.569	0.519	0.160	-0.347	-0.779	-0.991
401	4.00	-0.978	-0.870	-0.853	-1.063	-1.505	-2.042	-2.447	-2.510	-2.120	-1.314
411	4.10	-0.256	0.832	1.740	2.317	2.489	2.241	1.603	0.657	-0.447	-1.475
421	4.20	-2.131	-2.134	-1.328	0.215	2.151	3.923	4.925	4.712	3.181	0.652
431	4.30	-2.205	-4.576	-5.772	-5.463	-3.790	-1.316	1.175	2.949	3.559	2.981
441	4.40	1.581	-0.049	-1.330	-1.909	-1.773	-1.216	-0.684	-0.560	-0.984	-1.782
451	4.50	-2.535	-2.787	-2.167	-0.753	1.104	2.805	3.760	3.632	2.487	0.782
461	4.60	-0.817	-1.706	-1.588	-0.594	0.782	1.904	2.267	1.715	0.503	-0.626
471	4.70	-1.677	-1.665	-0.774	0.635	1.981	2.696	2.441	1.222	-0.631	-2.601
481	4.80	-4.166	-4.945	-4.794	-3.788	-2.164	-0.248	1.617	3.115	3.991	4.086
491	4.90	3.381	2.020	0.313	-1.320	-2.452	-2.766	-2.156	-0.762	1.057	2.829

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

INDEX NO. 1898 1302-GR-1-26 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 77.635 (GAL) T= 11.06 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
501	5.00	4.512	4.094	3.941	2.448	0.264	-2.163	-4.436	-6.079	-6.712	-6.118
511	5.10	-4.317	-1.600	1.494	4.287	6.130	6.578	5.534	3.278	0.389	-2.425
521	5.20	-4.537	-5.556	-5.399	-4.252	-2.459	-0.398	1.607	3.314	4.541	5.137
531	5.30	4.979	4.024	2.374	0.324	-1.663	-3.070	-3.495	-2.816	-1.259	0.650
541	5.40	2.273	3.090	2.692	1.847	0.412	-0.871	-1.605	-1.666	-1.312	-0.850
551	5.50	-0.631	-0.779	-1.153	-1.433	-1.291	-0.582	0.569	1.804	2.690	2.911
561	5.60	2.405	1.387	0.232	-0.887	-1.158	-1.185	-0.944	-0.652	-0.446	-0.331
571	5.70	-0.214	-0.008	0.270	0.471	0.378	-0.159	-1.107	-2.202	-3.030	-3.197
581	5.80	-2.518	-1.133	0.519	1.856	2.388	1.916	0.619	-1.018	-2.394	-3.022
591	5.90	-2.702	-1.563	0.014	1.566	2.723	3.308	3.357	3.043	2.569	2.077
601	6.00	1.606	1.119	0.560	-0.084	-0.747	-1.292	-1.551	-1.396	-0.793	0.155
611	6.10	1.212	2.056	2.357	1.898	0.649	-1.172	-3.132	-4.688	-5.355	-4.877
621	6.20	-3.335	-1.151	1.039	2.590	3.074	2.355	0.951	-0.785	-2.183	-2.818
631	6.30	-2.577	-1.956	-0.437	0.671	1.411	1.732	1.158	1.685	1.654	1.693
641	6.40	1.716	1.605	1.293	0.819	0.317	-0.053	-0.169	-0.096	0.123	0.327
651	6.50	0.422	0.415	0.401	0.503	0.784	1.183	1.518	1.554	1.105	0.127
661	6.60	-1.247	-2.742	-4.031	-4.826	-4.953	-4.371	-3.155	-1.463	0.480	2.391
671	6.70	3.939	4.785	4.668	3.517	1.536	-0.784	-2.778	-3.809	-3.502	-1.916
681	6.80	0.449	2.803	4.349	4.581	3.465	1.444	-0.752	-2.398	-3.040	-2.639
691	6.90	-1.529	-0.237	0.756	1.194	1.095	0.880	0.221	-0.089	-0.205	-0.193
701	7.00	-0.152	-0.133	-0.109	-0.056	0.189	0.476	0.718	0.808	0.673	0.355
711	7.10	-0.004	-0.232	-0.208	0.073	0.506	0.931	1.217	1.306	1.215	0.982
721	7.20	0.610	0.056	-0.735	-1.725	-2.728	-3.412	-3.410	-2.494	-0.737	1.426
731	7.30	3.306	4.203	3.691	1.823	-0.846	-3.451	-5.133	-5.369	-4.152	-1.967
741	7.40	0.428	2.311	3.258	3.244	2.560	1.617	0.727	-0.008	-0.675	-1.411
751	7.50	-2.243	-3.008	-3.390	-3.071	-1.914	-0.081	1.983	3.692	4.561	4.289
761	7.60	3.052	1.243	-0.593	-1.949	-2.612	-2.505	-1.839	-0.691	0.070	0.470
771	7.70	1.517	1.728	1.705	1.357	0.699	-0.176	-1.079	-1.754	-0.962	-1.579
781	7.80	-0.689	0.514	1.605	2.260	2.292	1.745	0.877	0.045	-0.440	-0.446
791	7.90	-0.085	0.437	0.751	0.664	0.159	-0.590	-1.302	-1.726	-1.760	-1.490
801	8.00	-1.142	-0.967	-1.115	-1.585	-2.134	-2.576	-2.667	-2.362	-1.753	-1.050
811	8.10	-0.466	-0.129	-0.023	-0.014	0.086	0.422	1.061	1.954	2.969	3.928
821	8.20	4.687	4.957	4.725	3.861	2.403	0.514	-1.483	-3.157	-4.079	-4.576
831	8.30	-2.025	-0.955	0.065	2.094	3.392	4.022	4.274	3.896	2.488	-2.578
841	8.40	-3.005	-2.860	-2.380	-1.822	-1.349	-0.999	-0.718	-0.437	-0.122	0.218
851	8.50	0.583	0.929	1.365	1.902	2.503	3.004	3.156	2.741	1.711	0.285
861	8.60	-1.083	-1.862	-1.687	-0.560	1.090	2.540	3.093	2.341	0.418	-2.052
871	8.70	-4.199	-5.279	-4.991	-3.605	-1.831	-0.504	-0.212	-1.052	-2.610	-4.169
881	8.80	-5.037	-4.841	-3.666	-1.977	-0.403	0.545	0.688	0.119	-0.698	-1.313
891	8.90	-1.366	-0.720	0.537	2.147	3.778	5.107	5.880	5.952	5.308	4.084
901	9.00	2.548	1.049	-0.059	-0.541	-0.355	0.328	1.180	1.838	2.038	1.706
911	9.10	0.966	0.067	-0.727	-1.243	-1.448	-1.431	-1.327	-1.249	-1.232	-1.246
921	9.20	-1.224	-1.122	-0.937	-0.715	-0.519	-0.393	-0.339	-0.323	-0.283	-0.161
931	9.30	0.075	0.419	0.816	1.161	1.330	1.193	0.683	-0.160	-1.161	-2.032
941	9.40	-2.459	-2.235	-1.372	-0.168	0.959	1.445	0.985	-0.384	-2.248	-3.944
951	9.50	-4.812	-4.467	-2.970	-0.815	1.283	2.526	2.750	1.443	0.286	-1.330
961	9.60	-2.503	-2.999	-2.692	-2.459	-1.993	-1.666	-1.480	-1.219	-0.765	0.011
971	9.70	1.078	2.320	3.592	4.776	5.789	6.537	6.875	6.615	5.603	3.844
981	9.80	1.604	-0.591	-2.089	-2.350	-1.198	1.054	3.650	5.651	6.277	5.216
991	9.90	2.755	-0.326	-3.058	-4.648	-4.767	-3.634	-1.888	-0.303	0.504	0.276

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

INDEX NO. 1898 1302-GR-1-26 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 77.635 (GAL) T= 11.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.857	-2.497	-4.167	-5.480	-6.221	-6.332	-5.852	-4.859	-3.459	-1.821
1011	10.10	-0.200	1.083	1.731	1.600	0.811	-0.244	-1.009	-0.977	0.088	2.021
1021	10.20	4.286	6.171	7.068	6.733	5.383	3.617	2.165	1.584	2.039	3.250
1031	10.30	4.630	5.556	5.635	4.865	3.617	2.458	1.894	2.149	3.073	4.202
1041	10.40	4.951	4.841	3.679	1.630	-0.844	-3.131	-4.651	-5.008	-4.071	-1.970
1051	10.50	0.980	4.327	7.845	11.097	13.946	16.263	17.901	18.631	18.133	16.090
1061	10.60	12.351	7.131	1.148	-4.618	-8.178	-8.972	-6.371	-1.024	5.320	10.209
1071	10.70	11.346	6.957	-2.540	-15.368	-28.380	-38.070	-41.980	-39.476	-32.180	-23.464
1081	10.80	-17.275	-16.681	-22.669	-33.681	-46.083	-55.426	-58.039	-52.353	-39.468	-22.732
1091	10.90	-6.514	5.358	10.903	10.550	6.793	3.118	2.667	7.173	16.539	29.156
1101	11.00	62.720	55.131	65.084	72.131	76.314	77.635	75.750	70.073	60.262	46.817
1111	11.10	31.382	16.517	4.899	-1.724	-3.365	-1.986	-0.861	-3.327	-11.422	-24.991
1121	11.20	-61.665	-57.741	-69.601	-75.057	-74.066	-68.545	-61.421	-55.374	-51.843	-50.683
1131	11.30	-50.566	-49.689	-46.780	-41.306	-33.465	-23.737	-12.424	0.460	14.907	30.395
1141	11.40	45.502	57.964	65.272	65.614	58.731	46.279	31.476	18.155	9.596	6.603
1151	11.50	12.154	21.662	33.644	45.426	54.629	59.360	58.233	50.437	35.957	15.889
1161	11.60	-7.415	-30.601	-50.060	-62.961	-68.146	-66.445	-60.227	-52.272	-44.527	-37.310
1171	11.70	-29.386	-18.906	-4.753	12.377	29.762	43.469	49.873	47.200	36.368	20.745
1181	11.80	4.938	-6.820	-11.973	-10.131	-2.667	8.210	20.348	32.053	41.923	48.412
1191	11.90	49.627	43.688	29.648	8.519	-16.225	-39.163	-54.475	-58.023	-49.109	-31.070
1201	12.00	-10.364	5.606	11.103	4.062	-13.264	-35.244	-54.933	-66.420	-66.549	-55.471
1211	12.10	-36.019	-12.359	11.431	32.283	48.382	58.851	63.283	61.474	53.519	40.173
1221	12.20	23.208	5.447	-9.658	-18.825	-19.866	-12.398	1.933	19.786	36.935	49.309
1231	12.30	53.957	49.699	37.300	19.169	-1.323	-20.689	-36.102	-45.916	-49.803	-48.532
1241	12.40	-43.510	-36.288	-28.196	-20.204	-12.984	-7.049	-2.827	-0.600	-0.333	-1.516
1251	12.50	-3.171	-4.088	-3.257	-0.303	4.276	9.208	12.897	14.028	12.106	7.674
1261	12.60	2.129	-2.785	-5.594	-5.590	-3.025	1.007	4.928	7.111	6.274	1.785
1271	12.70	-6.151	-16.398	-26.951	-35.206	-38.501	-34.881	-23.680	-7.043	12.117	28.869
1281	12.80	38.597	38.301	27.751	9.799	-10.350	-26.705	-34.390	-31.182	-18.152	0.810
1291	12.90	20.386	35.584	43.228	42.671	35.576	24.962	13.959	4.797	-1.651	-5.687
1301	13.00	-8.185	-9.906	-11.079	-11.403	-10.619	-8.008	-4.735	-1.820	-0.730	-2.543
1311	13.10	-7.381	-14.189	-20.981	-25.490	-25.979	-21.883	-14.018	-4.281	5.040	12.054
1321	13.20	15.833	14.557	15.206	13.000	16.860	9.110	7.721	6.370	5.115	4.412
1331	13.30	4.968	7.310	11.341	16.137	20.178	21.929	20.554	16.384	10.900	6.171
1341	13.40	3.959	4.941	8.221	11.699	12.843	9.769	2.080	-8.851	-20.298	-29.125
1351	13.50	-32.881	-30.635	-23.265	-13.140	-3.339	3.273	4.843	0.973	-7.232	-17.478
1361	13.60	-26.838	-32.436	-32.137	-25.135	-12.287	3.915	19.818	31.495	35.844	31.583
1371	13.70	19.789	3.744	-11.969	-22.731	-25.498	-19.581	-6.945	8.460	21.953	29.562
1381	13.80	29.138	20.837	6.859	-9.366	-24.188	-34.653	-39.012	-36.850	-28.908	-16.777
1391	13.90	-2.603	11.180	22.113	28.081	27.768	21.126	9.648	-3.737	-15.264	-21.320
1401	14.00	-19.562	-9.775	5.865	23.311	37.806	45.349	43.964	34.321	19.489	3.906
1411	14.10	-8.072	-13.528	-11.792	-4.456	5.362	14.136	19.071	18.812	13.569	4.727
1421	14.20	-5.821	-16.299	-25.399	-32.315	-36.556	-37.751	-35.627	-30.157	-21.826	-11.793
1431	14.30	-1.787	6.294	10.963	11.665	8.990	4.458	-0.070	-3.101	-4.046	-3.340
1441	14.40	-2.101	-1.487	-2.064	-3.478	-4.612	-4.146	-1.267	3.812	9.782	14.680
1451	14.50	16.655	14.738	9.271	1.810	-5.456	-10.499	-12.168	-10.479	-6.452	-1.582
1461	14.60	2.775	5.828	7.437	7.885	7.519	6.485	4.714	2.152	-0.964	-3.814
1471	14.70	-5.305	-6.285	-0.183	6.598	14.607	21.707	25.751	25.319	20.210	11.514
1481	14.80	1.234	-8.362	-15.407	-18.868	-18.651	-15.410	-10.218	-4.271	1.296	5.467
1491	14.90	7.390	6.487	2.643	-3.599	-10.987	-17.756	-22.067	-22.585	-18.942	-11.900

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

INDEX NO. 1898 1302-GR-1-26 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 77.635 (GAL) T= 11.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-3.115	5.426	12.047	15.869	16.927	15.908	13.686	10.871	7.635	3.838
1511	15.10	-0.605	-5.356	-9.520	-11.846	-11.205	-7.131	-0.173	8.135	15.701	20.533
1521	15.20	21.376	18.085	11.602	3.577	-4.191	-10.292	-14.054	-15.385	-14.970	-13.551
1531	15.30	-11.821	-10.180	-8.677	-7.067	-4.961	-2.011	1.911	6.572	11.342	15.269
1541	15.40	17.303	16.614	12.908	6.640	-0.986	-8.274	-13.479	-15.313	-13.345	-6.153
1551	15.50	-1.170	5.731	10.770	12.753	11.371	7.229	1.612	-3.927	-8.034	-9.925
1561	15.60	-9.578	-7.670	-5.301	-3.567	-3.147	-4.020	-5.456	-6.276	-5.332	-2.019
1571	15.70	3.371	9.621	14.922	17.471	16.126	10.864	2.861	-5.839	-12.946	-16.619
1581	15.80	-15.989	-11.331	-3.895	4.529	12.115	17.412	19.576	18.392	14.223	7.852
1591	15.90	0.370	-6.968	-12.895	-16.364	-16.761	-14.088	-9.013	-2.738	3.283	7.711
1601	16.00	9.638	8.776	5.461	0.519	-4.984	-9.864	-13.207	-14.304	-12.850	-8.997
1611	16.10	-3.383	2.926	8.605	12.351	13.222	10.919	5.911	-0.659	-7.270	-12.427
1621	16.20	-15.047	-14.694	-11.618	-6.613	-0.773	4.766	9.035	11.363	11.453	9.420
1631	16.30	5.790	1.435	-2.577	-5.226	-5.619	-4.209	-0.873	3.235	6.990	9.485
1641	16.40	10.317	9.483	8.215	6.658	5.523	4.884	4.411	3.607	2.139	0.075
1651	16.50	-2.090	-3.648	-4.036	-3.162	-1.532	-0.103	0.196	-1.549	-4.985	-9.367
1661	16.60	-13.357	-15.594	-15.193	-12.089	-7.082	-1.583	2.838	4.930	4.118	0.631
1671	16.70	-4.600	-10.224	-14.817	-17.215	-16.753	-13.398	-7.750	-0.935	5.627	10.534
1681	16.80	12.743	11.869	6.340	3.331	-1.530	-4.624	-4.831	-1.887	3.528	10.004
1691	16.90	15.864	19.695	20.781	19.271	16.051	12.369	9.384	7.797	7.691	8.611
1701	17.00	9.813	10.580	10.416	9.155	6.889	3.842	0.253	-3.656	-7.639	-11.347
1711	17.10	-14.299	-15.952	-15.868	-13.914	-10.429	-6.209	-2.347	0.091	0.403	-1.486
1721	17.20	-4.979	-8.975	-12.214	-13.678	-12.901	-10.084	-5.995	-1.684	1.856	3.985
1731	17.30	4.553	3.874	2.554	1.267	0.544	0.661	1.611	3.161	4.946	6.562
1741	17.40	7.646	7.930	7.294	5.793	3.676	1.352	-0.693	-2.017	-2.353	-1.700
1751	17.50	-0.318	1.356	2.658	3.870	4.283	4.190	3.767	3.118	2.177	0.717
1761	17.60	-1.510	-4.563	-6.135	-11.514	-13.734	-13.894	-11.526	-6.865	-0.898	4.881
1771	17.70	8.926	10.157	8.357	4.280	-0.579	-4.474	-5.994	-4.536	-0.492	4.904
1781	17.80	10.000	13.250	13.826	11.568	7.227	2.019	-2.744	-6.145	-7.696	-7.567
1791	17.90	-6.338	-4.760	-3.504	-2.979	-3.271	-4.188	-5.370	-6.420	-7.019	-6.990
1801	18.00	-6.312	-5.113	-3.571	-1.890	-0.215	1.386	2.911	4.371	5.722	6.814
1811	18.10	7.403	7.223	6.122	4.181	1.786	-0.434	-1.772	-1.684	-0.003	2.961
1821	18.20	6.492	9.690	11.764	12.279	11.256	9.106	6.408	3.689	1.235	-0.922
1831	18.30	-2.899	-4.796	-6.571	-8.024	-8.895	-9.019	-8.441	-7.416	-6.296	-5.353
1841	18.40	-4.642	-3.989	-3.122	-1.875	-0.362	0.982	1.594	0.960	-1.015	-3.920
1851	18.50	-6.913	-9.013	-9.468	-8.060	-5.194	-1.751	1.250	3.016	2.231	2.104
1861	18.60	0.206	-1.798	-3.412	-4.439	-4.966	-5.230	-5.444	-5.679	-5.839	-5.723
1871	18.70	-5.128	-3.945	-2.209	-0.101	2.082	3.968	5.170	5.358	4.353	2.232
1881	18.80	-0.608	-3.461	-5.443	-5.721	-3.787	0.330	5.992	12.083	17.301	20.519
1891	18.90	21.084	19.007	14.885	9.710	4.581	0.433	-2.129	-2.881	-1.932	0.361
1901	19.00	3.464	6.830	9.753	11.637	11.987	10.537	7.337	2.784	-2.440	-7.503
1911	19.10	-11.605	-14.151	-14.861	-13.796	-11.305	-7.921	-4.249	-0.867	1.742	3.242
1921	19.20	3.487	2.550	0.740	-1.430	-3.325	-4.331	-4.020	-2.298	0.535	3.631
1931	19.30	6.766	8.573	8.778	7.354	4.727	1.641	-1.090	-2.839	-3.357	-2.830
1941	19.40	-1.774	-0.861	-0.559	-1.181	-2.610	-4.467	-6.251	-7.515	-8.008	-7.726
1951	19.50	-6.878	-5.795	-4.818	-4.206	-4.081	-4.414	-5.042	-5.706	-6.099	-5.937
1961	19.60	-5.019	-3.299	-0.910	1.840	4.534	6.739	8.108	8.464	7.827	6.403
1971	19.70	4.526	2.597	1.019	0.142	0.209	1.298	3.278	5.789	8.275	10.099
1981	19.80	10.696	9.764	7.295	3.756	-0.171	-3.705	-6.186	-7.231	-6.789	-5.102
1991	19.90	-2.597	0.226	2.878	4.920	5.988	5.830	4.366	1.769	-1.510	-4.783

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

INDEX NO. 1898 1302-GR-1-26 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 77.635 (GAL) T= 11.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-7.281	-8.367	-7.748	-5.590	-2.479	0.761	3.333	4.712	4.782	3.828
2011	20.10	2.386	1.047	0.270	0.269	1.000	2.210	3.513	4.475	4.691	3.862
2021	20.20	1.883	-1.083	-4.571	-7.866	-10.168	-10.802	-9.472	-6.397	-2.307	1.741
2031	20.30	4.669	5.705	4.628	1.827	-1.816	-5.202	-7.355	-7.593	-5.872	-2.572
2041	20.40	1.545	5.572	6.685	10.307	10.193	8.421	5.327	1.406	-2.778	-6.658
2051	20.50	-9.704	-11.464	-11.614	-10.043	-6.940	-2.841	1.401	4.772	6.353	5.612
2061	20.60	2.619	-1.898	-6.728	-10.522	-12.219	-11.377	-8.303	-3.928	0.554	4.068
2071	20.70	5.991	6.270	5.323	3.791	2.266	1.113	0.434	0.165	0.207	0.522
2081	20.80	1.136	2.069	3.248	4.465	5.428	5.875	5.684	4.943	3.903	2.873
2091	20.90	2.080	1.584	1.280	0.978	0.524	-0.113	-0.824	-1.421	-1.732	-1.689
2101	21.00	-1.357	-0.900	-0.507	-0.318	-0.376	-0.635	-0.991	-1.332	-1.566	-1.634
2111	21.10	-1.512	-1.208	-0.769	-0.280	0.139	0.367	0.320	-0.004	-0.515	-1.044
2121	21.20	-1.416	-1.493	-1.242	-0.736	-0.122	0.429	0.776	0.831	0.570	0.016
2131	21.30	-0.759	-1.634	-2.427	-2.904	-2.834	-2.060	-0.600	1.307	3.221	4.613
2141	21.40	5.042	4.322	2.631	0.486	-1.399	-2.338	-1.894	-0.027	2.897	6.214
2151	21.50	9.154	11.043	11.452	10.253	7.610	3.901	-0.359	-4.593	-8.226	-10.744
2161	21.60	-11.780	-11.195	-9.156	-6.145	-2.881	-0.155	1.396	1.495	0.323	-1.522
2171	21.70	-3.228	-4.049	-3.577	-1.889	0.492	2.805	4.363	4.625	4.332	3.443
2181	21.80	2.900	3.309	4.880	7.322	9.937	11.863	12.383	11.161	8.347	4.507
2191	21.90	0.429	-3.102	-5.508	-6.522	-6.202	-4.878	-3.058	-1.327	-0.246	-0.249
2201	22.00	-1.545	-6.069	-7.367	-10.855	-13.769	-15.459	-15.549	-14.044	-11.320	-7.990
2211	22.10	-4.706	-1.959	0.051	1.428	2.490	3.608	5.046	6.854	8.838	10.628
2221	22.20	11.798	12.007	11.110	9.222	6.692	4.014	1.696	0.117	-0.570	-0.463
2231	22.30	0.151	0.909	1.507	1.783	1.728	1.426	0.950	0.294	-0.638	-1.953
2241	22.40	-3.663	-5.589	-7.364	-8.532	-8.722	-7.811	-6.000	-3.746	-1.504	0.041
2251	22.50	1.016	1.482	1.758	2.143	2.755	3.489	4.110	4.630	4.467	4.491
2261	22.60	4.904	6.019	7.829	9.904	11.478	11.712	10.032	6.404	1.404	-3.935
2271	22.70	-8.649	-11.228	-11.892	-10.674	-8.300	-5.719	-3.797	-3.096	-3.777	-5.644
2281	22.80	-8.270	-11.136	-13.755	-15.729	-16.785	-16.785	-15.739	-13.811	-11.307	-8.622
2291	22.90	-6.154	-4.202	-2.873	-2.049	-1.421	-0.589	0.809	2.966	5.829	9.090
2301	23.00	12.252	14.751	16.105	16.041	14.583	12.057	9.029	6.165	4.073	3.143
2311	23.10	3.444	4.714	6.428	7.949	8.706	8.346	6.822	4.397	1.557	-1.117
2321	23.20	-3.105	-4.065	-3.900	-2.770	-1.032	0.839	2.371	3.197	3.138	2.247
2331	23.30	0.791	-0.627	-2.177	-2.937	-2.981	-2.421	-1.563	-0.795	-0.461	-0.748
2341	23.40	-1.647	-2.974	-4.460	-5.837	-6.909	-7.554	-7.697	-7.264	-6.170	-4.352
2351	23.50	-1.851	1.126	4.188	6.831	8.582	9.166	8.618	7.283	5.695	4.378
2361	23.60	3.651	3.517	3.696	3.782	3.441	2.579	1.385	0.242	-0.451	-0.472
2371	23.70	0.123	1.010	1.729	1.861	1.172	-0.317	-2.375	-4.659	-6.834	-8.450
2381	23.80	-9.961	-10.706	-10.866	-10.442	-9.463	-8.000	-6.180	-4.171	-2.162	-0.319
2391	23.90	1.215	2.327	2.907	2.862	2.149	0.868	-0.775	-2.261	-3.033	-2.563
2401	24.00	-0.573	2.810	7.015	11.149	14.242	15.536	14.715	11.989	8.011	3.662
2411	24.10	-0.209	-2.995	-4.434	-4.610	-3.832	-2.533	-1.154	-0.069	0.460	0.315
2421	24.20	-0.449	-1.599	-2.757	-3.492	-3.454	-2.512	-0.831	1.147	2.833	3.695
2431	24.30	3.447	2.167	0.274	-1.615	-2.891	-3.160	-2.349	-0.706	1.308	2.173
2441	24.40	4.458	4.904	4.452	3.215	1.436	-0.552	-2.366	-3.619	-3.984	-3.287
2451	24.50	-1.585	0.799	3.316	5.329	6.288	5.909	4.276	1.816	-0.844	-3.070
2461	24.60	-4.442	-4.862	-4.559	-3.964	-3.530	-3.568	-4.139	-5.063	-5.998	-6.063
2471	24.70	-6.510	-5.695	-4.218	-2.348	-0.490	0.884	1.323	0.510	-1.615	-4.766
2481	24.80	-8.290	-11.269	-12.750	-12.034	-8.956	-4.004	1.758	6.995	10.532	11.746
2491	24.90	10.778	8.468	6.025	4.567	4.714	6.390	8.908	11.296	12.696	12.688

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

INDEX NO. 1898 1302-GR-1-26 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 77.635 (GAL) T= 11.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	11.382	9.292	7.049	5.121	3.659	2.530	1.493	0.404	-0.661	-1.463
2511	25.10	-1.664	-1.228	-0.345	0.496	0.693	-0.220	-2.385	-5.539	-9.106	-12.380
2521	25.20	-14.741	-15.803	-15.461	-13.857	-11.305	-8.219	-5.072	-2.360	-0.537	0.081
2531	25.30	-0.561	-2.183	-4.189	-5.814	-6.368	-5.486	-3.282	-0.326	2.548	4.544
2541	25.40	5.189	4.458	2.794	0.853	-0.723	-1.532	-1.501	-0.822	0.190	1.268
2551	25.50	2.282	3.243	4.221	5.251	6.274	7.145	7.598	7.827	7.542	6.965
2561	25.60	6.276	5.643	5.153	4.793	4.465	4.034	3.379	2.442	1.248	-0.053
2571	25.70	-1.407	-2.501	-3.225	-3.531	-3.516	-3.419	-3.551	-4.180	-5.401	-7.052
2581	25.80	-8.717	-9.850	-9.968	-8.849	-6.662	-3.939	-1.408	0.258	0.690	-0.040
2591	25.90	-1.449	-2.820	-3.467	-2.965	-1.281	1.245	4.043	6.506	8.164	8.793
2601	26.00	8.422	7.289	5.761	4.248	3.126	2.667	2.972	3.921	5.177	6.254
2611	26.10	6.666	6.107	4.599	2.535	0.575	-0.599	-0.579	0.774	2.779	4.653
2621	26.20	5.543	4.926	2.838	-0.126	-3.034	-4.981	-5.448	-4.401	-2.698	-0.916
2631	26.30	0.090	-0.042	-1.160	-2.700	-3.957	-4.396	-3.852	-2.567	-1.039	0.218
2641	26.40	0.885	0.941	0.616	0.232	0.047	0.143	0.434	0.756	0.972	1.043
2651	26.50	1.018	0.958	0.863	0.647	0.191	-0.551	-1.455	-2.218	-2.447	-1.856
2661	26.60	-0.443	1.410	3.003	3.548	2.470	-0.316	-4.297	-8.472	-11.647	-12.835
2671	26.70	-11.592	-9.184	-5.519	1.132	4.517	5.768	4.633	1.499	-2.758	-7.054
2681	26.80	-10.396	-12.118	-11.988	-10.193	-7.216	-3.673	-0.159	2.857	5.073	6.353
2691	26.90	6.699	6.233	5.180	3.854	2.629	1.873	1.853	2.691	4.061	5.709
2701	27.00	7.066	7.669	7.285	6.006	4.228	2.511	1.364	1.046	1.476	2.274
2711	27.10	2.938	3.056	2.478	1.366	0.105	-0.878	-1.295	-1.112	-0.532	0.116
2721	27.20	0.530	0.556	0.215	-0.344	-0.940	-1.449	-1.824	-2.068	-2.181	-2.118
2731	27.30	-1.604	-1.195	-0.337	0.609	1.398	1.802	1.694	1.109	0.211	-0.792
2741	27.40	-1.749	-2.454	-3.476	-4.362	-5.240	-5.916	-6.088	-5.489	-4.039	-1.956
2751	27.50	0.268	2.014	2.762	2.293	0.774	-1.307	-3.335	-4.754	-5.330	-5.100
2761	27.60	-4.338	-3.383	-2.489	-1.742	-1.088	-0.417	0.333	1.126	1.844	2.368
2771	27.70	2.633	2.687	2.652	2.666	2.799	3.026	3.245	3.341	3.263	3.056
2781	27.80	2.868	2.789	2.976	3.399	3.944	4.436	4.707	4.684	4.309	3.729
2791	27.90	3.057	2.427	1.947	1.688	1.686	1.957	2.486	3.223	4.067	4.872
2801	28.00	5.463	5.681	5.423	4.686	3.579	2.315	1.166	0.401	0.207	0.633
2811	28.10	1.567	2.647	3.528	3.781	3.128	1.521	-0.807	-3.389	-5.655	-7.107
2821	28.20	-7.490	-6.885	-5.691	-4.487	-3.837	-4.094	-5.273	-7.068	-8.943	-10.341
2831	28.30	-10.859	-10.373	-9.058	-7.305	-5.581	-4.272	-3.574	-3.454	-3.688	-3.955
2841	28.40	-3.949	-3.478	-2.514	-1.196	0.230	1.496	2.401	2.870	2.965	2.839
2851	28.50	2.661	2.523	2.396	2.134	1.537	0.451	-1.147	-3.108	-5.144	-6.910
2861	28.60	-8.111	-8.591	-8.350	-7.517	-6.265	-4.747	-3.056	-1.228	0.687	2.600
2871	28.70	4.352	5.754	6.656	7.022	6.968	6.748	6.674	7.019	7.927	9.360
2881	28.80	11.119	12.875	14.278	15.056	14.995	13.720	11.940	9.259	6.164	3.040
2891	28.90	0.293	-1.736	-2.863	-3.099	-2.678	-1.989	-1.473	-1.507	-2.299	-3.841
2901	29.00	-5.928	-8.223	-10.344	-11.953	-12.815	-12.827	-12.017	-10.523	-8.564	-6.399
2911	29.10	-4.280	-2.405	-0.892	0.238	1.042	1.619	2.062	2.437	2.779	3.125
2921	29.20	3.540	4.138	5.051	6.366	8.051	9.905	11.576	12.641	12.749	11.745
2931	29.30	9.747	7.117	4.354	1.923	0.118	-1.010	-1.619	-1.968	-2.279	-2.642
2941	29.40	-3.007	-3.225	-3.263	-3.092	-2.909	-2.980	-3.537	-4.667	-6.247	-7.978
2951	29.50	-9.490	-10.473	-10.788	-10.494	-9.793	-8.930	-8.085	-7.322	-6.605	-5.868
2961	29.60	-5.095	-4.361	-3.805	-3.560	-3.657	-3.979	-4.274	-4.241	-3.651	-2.139
2971	29.70	-0.736	1.182	2.996	4.454	5.439	5.970	6.147	6.085	5.860	5.521
2981	29.80	5.120	4.764	4.624	4.878	5.629	6.805	8.130	9.176	9.495	8.788
2991	29.90	7.032	6.515	1.753	-0.667	-2.273	-2.836	-2.613	-1.283	0.154	1.492

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

INDEX NO. 1898 1302-GR-1-26 HD. (HD.) CHIYODA BRIDGE MAX. ACC. = 77.635 (GAL) T= 11.06 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
3001	30.00	2.400	2.666	2.104	0.758	-1.276	-3.732	-6.192	-8.150	-9.136	-8.867
3011	30.10	-7.366	-5.000	-2.381	-0.178	1.100	1.265	0.487	-0.802	-2.101	-3.026
3021	30.20	-3.424	-3.366	-3.034	-2.579	-2.013	-1.205	0.034	1.818	4.070	6.525
3031	30.30	8.751	10.351	11.079	10.933	10.143	9.075	8.095	7.453	7.223	7.326
3041	30.40	7.586	7.815	7.865	7.648	7.126	6.294	5.171	3.800	2.266	0.678
3051	30.50	-0.826	-2.139	-3.212	-4.078	-4.862	-5.640	-6.585	-7.720	-9.002	-10.316
3061	30.60	-11.514	-12.466	-13.078	-13.323	-13.202	-12.737	-11.947	-10.853	-9.489	-7.925
3071	30.70	-6.270	-4.663	-3.239	-2.086	-1.212	-0.561	0.056	0.717	1.523	2.469
3081	30.80	3.462	4.358	5.026	5.404	5.531	5.528	5.544	5.689	5.978	6.316
3091	30.90	6.528	6.430	5.898	4.918	3.592	2.103	0.653	-0.593	-1.541	-2.170
3101	31.00	-2.504	-2.588	-2.457	-2.142	-1.668	-1.070	-0.394	0.312	1.006	1.661
3111	31.10	2.261	2.788	3.219	3.523	3.688	3.733	3.729	3.775	3.960	4.313
3121	31.20	4.765	5.162	5.314	5.083	4.454	3.560	2.640	1.961	1.603	1.583
3131	31.30	1.655	1.497	0.819	-0.505	-2.381	-4.512	-6.504	-8.001	-8.791	-8.856
3141	31.40	-8.363	-7.486	-6.519	-5.616	-4.879	-4.347	-4.030	-3.920	-3.982	-4.138
3151	31.50	-4.267	-4.223	-3.882	-3.199	-2.235	-1.150	-0.142	0.619	1.055	1.199
3161	31.60	1.167	1.097	1.084	1.167	1.234	1.265	1.161	0.975	0.687	0.377
3171	31.70	0.084	-0.197	-0.497	-0.845	-1.228	-1.575	-1.777	-1.733	-1.405	-0.846
3181	31.80	-0.191	0.397	0.790	0.944	0.911	0.802	0.728	0.750	0.853	0.964
3191	31.90	1.007	0.964	0.799	0.642	0.540	0.513	0.514	0.450	0.241	-0.125
3201	32.00	-0.557	-0.888	-0.938	-0.598	0.107	1.011	1.866	2.429	2.558	2.254
3211	32.10	1.651	0.964	0.307	-0.174	-0.512	-0.784	-1.046	-1.375	-1.659	-1.816
3221	32.20	-1.751	-1.431	-0.905	-0.287	0.296	0.749	1.044	1.218	1.335	1.454
3231	32.30	1.692	1.773	1.952	2.131	2.325	2.553	2.819	3.089	3.296	3.365
3241	32.40	3.258	3.001	2.689	2.449	2.388	2.541	2.847	3.174	3.371	3.332
3251	32.50	3.061	2.571	2.047	1.589	1.263	1.058	0.902	0.704	0.394	-0.050
3261	32.60	-0.596	-1.186	-1.759	-2.274	-2.720	-3.106	-3.450	-3.770	-4.077	-4.378
3271	32.70	-4.668	-4.934	-5.141	-5.233	-5.141	-4.800	-4.175	-3.260	-2.194	-1.043
3281	32.80	0.020	0.851	1.352	1.491	1.316	0.941	0.527	0.249	0.248	0.604
3291	32.90	1.300	2.230	3.217	4.058	4.588	4.718	4.455	3.888	3.143	2.335
3301	33.00	1.534	0.760	0.011	-0.709	-1.358	-1.863	-2.148	-2.178	-1.988	-1.690
3311	33.10	-1.429	-1.332	-1.450	-1.737	-2.064	-2.272	-2.235	-1.905	-1.324	-0.602
3321	33.20	0.125	0.745	1.189	1.444	1.529	1.482	1.343	1.148	0.930	0.721
3331	33.30	0.546	0.621	0.343	0.296	0.255	0.201	0.127	0.037	-0.057	-0.149
3341	33.40	-0.238	-0.330	-0.424	-0.512	-0.575	-0.601	-0.588	-0.562	-0.558	-0.607
3351	33.50	-0.711	-0.866	-0.946	-0.961	-0.878	-0.736	-0.620	-0.617	-0.767	-1.030
3361	33.60	-1.284	-1.368	-1.146	-0.567	0.300	1.278	2.133	2.641	2.643	2.078
3371	33.70	0.993	-0.469	-2.093	-3.605	-4.712	-5.147	-4.740	-3.485	-1.587	0.561
3381	33.80	2.455	3.630	3.801	2.961	1.387	-0.464	-2.120	-3.259	-3.807	-3.924
3391	33.90	-3.899	-3.995	-4.323	-4.798	-5.196	-5.273	-4.894	-4.099	-3.085	-2.116
3401	34.00	-1.402	-1.015	-0.874	-0.800	-0.612	-0.210	0.391	1.097	1.797	2.436
3411	34.10	3.038	3.678	4.418	5.248	6.062	6.691	6.985	6.888	6.478	5.944
3421	34.20	5.504	5.296	5.306	5.355	5.169	4.503	3.256	1.545	-0.312	-1.895
3431	34.30	-2.824	-2.897	-2.156	-0.873	0.542	1.679	2.256	2.187	1.587	0.709
3441	34.40	-0.151	-0.745	-0.934	-0.704	-0.146	0.593	1.351	1.969	2.407	2.557
3451	34.50	2.435	2.078	1.559	0.964	0.385	-0.108	-0.472	-0.702	-0.820	-0.863
3461	34.60	-0.862	-0.833	-0.774	-0.675	-0.532	-0.357	-0.190	-0.094	-0.143	-0.403
3471	34.70	-0.914	-1.670	-2.611	-3.620	-4.565	-5.225	-5.527	-5.384	-4.820	-3.940
3481	34.80	-2.911	-1.907	-1.065	-0.442	-0.016	0.293	0.580	0.911	1.296	1.682
3491	34.90	1.998	2.169	2.159	1.978	1.666	1.280	0.882	0.435	0.005	-0.424

Table 7-3-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1898 1302-GR-1-26 HD. (HD.) CHIYODA BRIDGE MAX. ACC. = 77.635 (GAL) T= 11.06 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
3501	35.00	-0.840	-1.225	-1.556	-1.826	-2.049	-2.251	-2.461	-2.684	-2.901	-3.065
3511	35.10	-3.131	-3.070	-2.892	-2.637	-2.359	-2.098	-1.869	-1.656	-1.440	-1.208
3521	35.20	-0.980	-0.792	-0.673	-0.609	-0.527	-0.304	0.181	0.993	2.083	3.278
3531	35.30	4.318	4.941	4.918	4.429	3.683	2.689	1.750	1.607	2.137	3.218
3541	35.40	4.543	5.723	6.403	6.380	5.656	4.427	3.015	1.758	0.910	0.571
3551	35.50	0.675	1.028	1.380	1.511	1.290	0.710	-0.130	-1.059	-1.892	-2.480
3561	35.60	-2.742	-2.680	-2.388	-1.923	-1.481	-1.157	-1.024	-1.101	-1.355	-1.721
3571	35.70	-2.121	-2.497	-2.823	-3.108	-3.379	-3.680	-3.949	-4.209	-4.377	-4.395
3581	35.80	-4.235	-3.929	-3.560	-3.247	-3.101	-3.185	-3.490	-3.938	-4.404	-4.757
3591	35.90	-4.903	-4.806	-4.495	-4.041	-3.532	-3.040	-2.599	-2.199	-1.791	-1.313
3601	36.00	-0.717	0.007	0.806	1.575	2.172	2.470	2.412	2.051	1.376	1.270
3611	36.10	1.465	2.338	4.013	6.310	8.660	11.165	12.738	13.243	12.596	10.996
3621	36.20	8.870	6.747	5.111	4.267	4.271	4.941	5.929	6.836	7.341	7.255
3631	36.30	6.572	5.427	4.026	2.578	1.230	0.051	-0.956	-1.817	-2.548	-3.136
3641	36.40	-3.542	-3.731	-3.696	-3.485	-3.189	-2.918	-2.762	-2.759	-2.895	-3.117
3651	36.50	-3.371	-3.627	-3.891	-4.182	-4.502	-4.801	-4.992	-4.944	-4.573	-3.875
3661	36.60	-2.959	-2.023	-1.298	-0.969	-1.108	-1.657	-2.115	-3.260	-3.909	-4.276
3671	36.70	-4.328	-4.092	-3.810	-3.041	-2.365	-1.692	-1.117	-0.763	-0.644	-0.826
3681	36.80	-1.201	-1.581	-1.746	-1.519	-0.854	0.133	1.182	1.982	2.287	2.011
3691	36.90	1.270	0.343	-0.424	-0.739	-0.458	0.379	1.580	2.870	3.978	4.706
3701	37.00	4.953	4.713	4.061	3.123	2.069	1.089	0.378	0.085	0.273	0.877
3711	37.10	1.701	2.468	2.696	2.804	2.175	1.175	0.092	-0.762	-1.172	-1.094
3721	37.20	-0.666	-0.143	0.192	0.156	-0.292	-1.023	-1.819	-2.447	-2.750	-2.688
3731	37.30	-2.335	-1.836	-1.346	-0.978	-0.751	-0.744	-0.824	-0.968	-1.141	-1.323
3741	37.40	-1.508	-1.689	-1.857	-1.990	-2.067	-2.063	-1.962	-1.751	-1.428	-1.001
3751	37.50	-0.457	0.066	0.626	1.141	1.563	1.855	1.992	1.954	1.733	1.331
3761	37.60	0.772	0.118	-0.527	-1.023	-1.219	-0.998	-0.319	0.748	2.030	3.275
3771	37.70	4.222	4.659	4.480	3.708	2.483	1.030	-0.395	-1.543	-2.220	-2.312
3781	37.80	-1.805	-0.802	0.486	1.749	2.726	3.090	2.719	1.648	0.098	-1.594
3791	37.90	-3.046	-3.944	-4.216	-3.847	-3.063	-2.123	-1.254	-0.580	-0.100	0.265
3801	38.00	0.619	1.017	1.440	1.807	2.019	2.024	1.847	1.592	1.406	1.421
3811	38.10	1.702	2.219	2.863	3.483	3.946	4.174	4.167	3.986	3.720	3.447
3821	38.20	3.001	2.968	2.699	2.345	1.882	1.331	0.752	0.220	-0.206	-0.516
3831	38.30	-0.747	-0.984	-1.317	-1.617	-2.504	-3.345	-4.269	-5.186	-6.017	-6.697
3841	38.40	-7.180	-7.619	-7.369	-6.998	-6.293	-5.315	-4.189	-3.098	-2.239	-1.756
3851	38.50	-1.688	-1.941	-2.309	-2.544	-2.430	-1.883	-0.874	0.184	1.696	2.859
3861	38.60	3.739	4.291	4.554	4.603	4.515	4.344	4.111	3.826	3.499	3.151
3871	38.70	2.814	2.511	2.256	2.029	1.810	1.571	1.295	0.985	0.654	0.322
3881	38.80	0.006	-0.285	-0.539	-0.746	-0.890	-0.960	-0.958	-0.897	-0.800	-0.685
3891	38.90	-0.550	-0.361	-0.068	0.374	0.972	1.677	2.380	2.944	3.244	3.212
3901	39.00	2.864	2.289	1.626	1.009	0.539	0.259	0.158	0.190	0.290	0.386
3911	39.10	0.400	0.248	-0.146	-0.829	-1.783	-2.899	-3.987	-4.809	-5.152	-4.905
3921	39.20	-4.109	-2.955	-1.730	-0.729	-0.157	-0.072	-0.381	-0.890	-1.387	-1.714
3931	39.30	-1.806	-1.687	-1.420	-1.062	-0.620	-0.064	0.649	1.527	2.506	3.452
3941	39.40	4.192	4.565	4.476	3.920	2.993	1.857	0.707	-0.274	-0.940	-1.208
3951	39.50	-1.067	-0.585	0.099	0.795	1.301	1.454	1.185	0.547	-0.286	-1.065
3961	39.60	-1.564	-1.567	-1.108	-0.304	0.602	1.326	1.637	1.418	0.696	-0.376
3971	39.70	-1.564	-2.613	-3.309	-3.514	-3.195	-2.425	-1.373	-0.271	0.631	1.126
3981	39.80	1.101	0.575	-0.303	-1.293	-2.135	-2.625	-2.674	-2.326	-1.725	-1.058
3991	39.90	-0.487	-0.100	0.101	0.175	0.206	0.260	0.363	0.496	0.612	0.657

Table 7-3-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1898 1302-GR-1-26 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 77.635 (GAL) T= 11.06 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
4001	40.00	0.586	0.374	0.023	-0.436	-0.943	-1.408	-1.733	-1.836	-1.686	-1.326
4011	40.10	-0.873	-0.487	-0.323	-0.466	-0.892	-1.483	-2.046	-2.391	-2.385	-1.994
4021	40.20	-1.286	-0.394	0.517	1.294	1.813	1.991	1.765	1.207	0.332	-0.688
4031	40.30	-1.640	-2.293	-2.464	-2.090	-1.260	-0.202	0.986	1.638	1.606	1.307
4041	40.40	0.692	-0.024	-0.655	-1.113	-1.418	-1.655	-1.906	-2.187	-2.435	-2.535
4051	40.50	-2.394	-1.994	-1.418	-0.822	-0.375	-0.178	-0.227	-0.415	-0.570	-0.532
4061	40.60	-0.198	0.467	1.344	2.390	3.474	4.492	5.351	5.963	6.247	6.148
4071	40.70	5.664	4.878	3.952	3.108	2.559	2.450	2.804	3.509	4.351	5.075
4081	40.80	5.462	5.387	4.647	3.946	2.861	1.785	0.877	0.231	-0.137	-0.281
4091	40.90	-0.301	-0.300	-0.357	-0.498	-0.689	-0.856	-0.903	-0.781	-0.486	-0.098
4101	41.00	0.272	0.494	0.481	0.218	-0.233	-0.758	-1.235	-1.578	-1.767	-1.841
4111	41.10	-1.875	-1.938	-2.058	-2.254	-2.449	-2.595	-2.646	-2.587	-2.432	-2.213
4121	41.20	-1.958	-1.686	-1.404	-1.112	-0.814	-0.527	-0.270	-0.062	0.097	0.226
4131	41.30	0.362	0.545	0.804	1.137	1.506	1.837	2.048	2.059	1.822	1.341
4141	41.40	0.672	-0.075	-0.766	-1.259	-1.463	-1.338	-0.925	-0.334	0.283	0.765
4151	41.50	0.991	0.904	0.514	-0.086	-0.784	-1.462	-2.039	-2.479	-2.789	-2.996
4161	41.60	-3.115	-3.134	-3.008	-2.680	-2.111	-1.322	-0.409	0.463	1.102	1.346
4171	41.70	1.128	0.513	-0.309	-1.067	-1.496	-1.417	-0.800	0.219	1.385	2.401
4181	41.80	3.022	3.123	2.729	1.984	1.097	0.265	-0.386	-0.821	-1.083	-1.255
4191	41.90	-1.415	-1.604	-1.814	-2.004	-2.118	-2.115	-1.978	-1.718	-1.371	-0.979
4201	42.00	-0.584	-0.218	0.098	0.355	0.557	0.713	0.837	0.966	1.056	1.184
4211	42.10	1.350	1.575	1.879	2.267	2.724	3.196	3.596	3.820	3.776	3.418
4221	42.20	2.778	1.971	1.172	0.571	0.311	0.449	0.930	1.609	2.290	2.789
4231	42.30	2.986	2.843	2.418	1.826	1.205	0.678	0.329	0.189	0.237	0.414
4241	42.40	0.629	0.781	0.768	0.509	-0.038	-0.864	-1.902	-3.034	-4.111	-4.981
4251	42.50	-5.524	-5.673	-5.436	-4.895	-4.192	-3.500	-2.979	-2.742	-2.821	-3.160
4261	42.60	-3.628	-4.055	-4.287	-4.228	-3.863	-3.257	-2.524	-1.782	-1.121	-0.587
4271	42.70	-0.192	0.054	0.131	-0.002	-0.378	-0.987	-1.742	-2.481	-3.002	-3.136
4281	42.80	-2.812	-2.095	-1.176	-0.306	0.300	0.520	0.374	-0.013	-0.477	-0.890
4291	42.90	-1.200	-1.419	-1.579	-1.668	-1.605	-1.265	-0.551	0.551	1.820	3.031
4301	43.00	3.846	4.041	3.589	2.692	1.712	1.041	0.953	1.499	2.501	3.635
4311	43.10	4.562	5.055	5.065	4.701	4.160	3.621	3.188	2.876	2.656	2.508
4321	43.20	2.459	2.579	2.926	3.495	4.182	4.805	5.167	5.132	4.682	3.915
4331	43.30	2.999	2.090	1.273	0.540	-0.167	-0.898	-1.629	-2.251	-2.612	-2.595
4341	43.40	-2.195	-1.556	-0.932	-0.600	-0.745	-1.387	-2.357	-3.363	-4.091	-4.315
4351	43.50	-3.967	-3.135	-2.014	-0.818	0.267	1.224	1.990	2.617	3.127	3.507
4361	43.60	3.716	3.709	3.473	3.044	2.496	1.921	1.396	0.951	0.588	0.273
4371	43.70	-0.033	-0.356	-0.709	-1.097	-1.527	-2.013	-2.573	-3.208	-3.898	-4.589
4381	43.80	-5.210	-5.695	-6.006	-6.151	-6.175	-6.143	-6.108	-6.087	-6.051	-5.943
4391	43.90	-5.708	-5.319	-4.800	-4.218	-3.660	-3.195	-2.848	-2.588	-2.338	-2.013
4401	44.00	-1.552	-0.946	-0.244	0.465	1.090	1.566	1.884	2.085	2.247	2.449
4411	44.10	2.744	3.140	3.601	4.067	4.473	4.780	4.980	5.098	5.176	5.251
4421	44.20	5.343	5.444	5.523	5.561	5.463	5.270	4.968	4.584	4.157	3.729
4431	44.30	3.333	2.989	2.694	2.429	2.164	1.863	1.505	1.092	0.654	0.250
4441	44.40	-0.053	-0.202	-0.187	-0.049	0.118	0.195	0.083	-0.260	-0.791	-1.387
4451	44.50	-1.882	-2.123	-2.020	-1.580	-0.907	-0.163	0.486	0.916	1.081	1.007
4461	44.60	0.764	0.433	0.070	-0.300	-0.680	-1.080	-1.490	-1.880	-2.194	-2.375
4471	44.70	-2.375	-2.179	-1.809	-1.324	-0.814	-0.383	-0.130	-0.127	-0.393	-0.887
4481	44.80	-1.511	-2.134	-2.633	-2.938	-3.037	-3.005	-3.041	-3.176	-3.176	-3.370
4491	44.90	-3.537	-3.590	-3.490	-3.271	-3.016	-2.819	-2.722	-2.694	-2.636	-2.456

Table 7-3-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1898 1302-GR-1-26 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 77.635 (GAL) T= 11.06 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
4501	45.00	-2.029	-1.437	-0.763	-0.136	0.352	0.702	1.004	1.385	1.932	2.623
4511	45.10	3.322	3.832	3.991	3.760	3.240	2.731	2.427	2.502	2.937	3.540
4521	45.20	4.034	4.173	3.843	3.102	2.139	1.183	0.408	-0.124	-0.449	-0.650
4531	45.30	-0.782	-0.843	-0.785	-0.588	-0.218	0.153	0.374	0.299	-0.122	-0.798
4541	45.40	-1.520	-2.045	-2.198	-1.955	-1.435	-0.884	-0.534	-0.514	-0.806	-1.242
4551	45.50	-1.678	-1.888	-1.837	-1.589	-1.287	-1.072	-1.014	-1.083	-1.173	-1.156
4561	45.60	-0.953	-0.565	-0.073	0.412	0.806	1.090	1.315	1.563	1.896	2.306
4571	45.70	2.703	2.954	2.939	2.615	2.052	1.415	0.917	0.737	0.963	1.562
4581	45.80	2.394	3.266	3.984	4.403	4.443	4.090	3.379	2.385	1.219	0.038
4591	45.90	-0.977	-1.651	-1.861	-1.589	-0.947	-0.158	0.505	0.805	0.622	-0.015
4601	46.00	-0.945	-1.947	-2.817	-3.435	-3.781	-3.910	-3.899	-3.807	-3.655	-3.439
4611	46.10	-3.160	-2.846	-2.544	-2.299	-2.122	-1.978	-1.807	-1.565	-1.261	-0.974
4621	46.20	-0.818	-0.885	-1.182	-1.611	-1.994	-2.167	-1.966	-1.472	-0.803	-0.149
4631	46.30	0.339	0.611	0.727	0.804	0.937	1.138	1.323	1.365	1.175	0.762
4641	46.40	0.244	-0.202	-0.432	-0.414	-0.241	-0.093	-0.143	-0.459	-1.021	-1.650
4651	46.50	-2.190	-2.538	-2.699	-2.759	-2.814	-2.901	-2.967	-2.901	-2.609	-2.097
4661	46.60	-1.496	-1.015	-0.843	-1.045	-1.507	-1.972	-2.151	-1.852	-1.075	-0.018
4671	46.70	1.008	1.717	1.941	1.708	1.419	1.080	0.985	1.125	1.483	1.897
4681	46.80	2.250	2.509	2.720	2.963	3.278	3.520	3.863	3.886	3.592	3.024
4691	46.90	2.341	1.765	1.496	1.632	2.129	2.824	3.494	3.937	4.038	3.784
4701	47.00	3.259	2.596	1.942	1.422	1.126	1.098	1.327	1.745	2.223	2.593
4711	47.10	2.689	2.403	1.734	0.806	-0.156	-0.892	-1.213	-1.054	-0.514	0.186
4721	47.20	0.784	1.076	0.982	0.583	0.031	-0.487	-0.846	-1.023	-1.084	-1.129
4731	47.30	-1.231	-1.390	-1.539	-1.585	-1.463	-1.183	-0.826	-0.511	-0.338	-0.340
4741	47.40	-0.480	-0.670	-0.820	-0.924	-0.981	-1.042	-1.224	-1.472	-1.750	-1.962
4751	47.50	-2.022	-1.890	-1.591	-1.187	-0.727	-0.279	0.210	0.797	1.305	1.741
4761	47.60	2.047	1.923	1.562	0.966	-0.509	-1.209	-1.331	-0.743	0.440	1.687
4771	47.70	3.161	3.882	3.860	3.156	2.039	0.873	-0.011	-0.419	-0.321	0.185
4781	47.80	0.932	1.751	2.499	3.057	3.328	3.242	2.781	2.017	1.122	0.339
4791	47.90	-0.101	-0.072	0.327	1.021	1.529	1.594	1.052	-0.048	-1.462	-2.853
4801	48.00	-3.914	-4.480	-4.553	-4.275	-3.810	-3.409	-3.064	-2.818	-2.660	-2.602
4811	48.10	-2.689	-2.970	-3.444	-4.022	-4.526	-4.745	-4.524	-3.858	-2.825	-1.716
4821	48.20	-0.879	-0.438	-0.469	-0.856	-1.369	-1.763	-1.868	-1.639	-1.158	-0.575
4831	48.30	-0.045	0.329	0.523	0.572	0.561	0.492	0.458	0.450	0.463	0.492
4841	48.40	0.533	0.583	0.629	0.647	0.607	0.487	0.288	0.035	-0.222	-0.436
4851	48.50	-0.575	-0.637	-0.650	-0.655	-0.689	-0.764	-0.866	-0.955	-0.998	-0.973
4861	48.60	-0.883	-0.758	-0.631	-0.528	-0.451	-0.371	-0.249	-0.046	0.253	0.629
4871	48.70	1.031	1.451	1.686	1.816	1.886	1.825	1.709	1.571	1.434	1.307
4881	48.80	1.194	1.101	1.043	1.033	1.129	1.318	1.611	1.982	2.405	2.877
4891	48.90	3.263	3.528	3.607	3.457	3.067	2.481	1.804	1.189	0.804	0.776
4901	49.00	1.148	1.867	2.696	3.464	3.938	3.999	3.661	3.063	2.415	1.915
4911	49.10	1.683	1.715	1.900	2.070	2.067	1.807	1.283	0.606	-0.136	-0.839
4921	49.20	-1.435	-1.914	-2.291	-2.585	-2.804	-2.944	-3.002	-2.991	-2.949	-2.928
4931	49.30	-2.981	-3.134	-3.379	-3.681	-3.990	-4.268	-4.496	-4.680	-4.830	-4.947
4941	49.40	-5.008	-4.973	-4.797	-4.456	-3.960	-3.363	-2.747	-2.203	-1.807	-1.598
4951	49.50	-1.576	-1.707	-1.929	-2.169	-2.358	-2.432	-2.350	-2.096	-1.688	-1.179
4961	49.60	-0.649	-0.190	0.115	0.216	0.110	-0.154	-0.488	-0.785	-0.943	-0.894
4971	49.70	-0.617	-0.144	0.448	1.056	1.575	1.928	2.084	2.064	1.937	1.795
4981	49.80	1.723	1.772	1.938	2.175	2.407	2.569	2.630	2.606	2.554	2.540
4991	49.90	2.611	2.766	2.959	3.115	3.161	3.060	2.825	2.516	2.209	1.969

Table 7-3-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1898 1302-GR-1-26 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 77.635 (GAL) T= 11.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	1.825	1.763	1.740	1.707	1.635	1.523	1.398	1.292	1.227	1.203
5011	50.10	1.200	1.187	1.142	1.059	0.949	0.832	0.723	0.625	0.528	0.412
5021	50.20	0.265	0.087	-0.109	-0.302	-0.473	-0.613	-0.726	-0.820	-0.905	-0.980
5031	50.30	-1.039	-1.068	-1.062	-1.024	-0.966	-0.903	-0.841	-0.770	-0.660	-0.472
5041	50.40	-0.175	0.242	0.758	1.316	1.845	2.262	2.508	2.557	2.425	2.166
5051	50.50	1.861	1.598	1.458	1.492	1.716	2.101	2.580	3.057	3.431	3.614
5061	50.60	3.556	3.258	2.770	2.181	1.591	1.090	0.728	0.508	0.306	0.336
5071	50.70	0.273	0.176	0.041	-0.116	-0.270	-0.418	-0.573	-0.766	-1.029	-1.374
5081	50.80	-1.788	-2.229	-2.641	-2.976	-3.211	-3.348	-3.415	-3.439	-3.444	-3.436
5091	50.90	-3.619	-3.399	-3.398	-3.449	-3.574	-3.772	-3.997	-4.168	-4.198	-4.025
5101	51.00	-3.650	-3.138	-2.601	-2.150	-1.855	-1.712	-1.656	-1.592	-1.452	-1.221
5111	51.10	-0.949	-0.722	-0.614	-0.651	-0.800	-0.987	-1.142	-1.235	-1.290	-1.368
5121	51.20	-1.523	-1.763	-2.033	-2.238	-2.290	-2.155	-1.878	-1.566	-1.327	-1.234
5131	51.30	-1.269	-1.336	-1.308	-1.088	-0.658	-0.085	0.516	1.030	1.413	1.686
5141	51.40	1.921	2.187	2.503	2.823	3.062	3.145	3.060	2.877	2.721	2.718
5151	51.50	2.925	3.298	3.707	3.984	3.997	3.706	3.170	2.521	1.908	1.438
5161	51.60	1.169	1.022	1.010	1.070	1.184	1.348	1.555	1.767	1.923	1.952
5171	51.70	1.814	1.521	1.150	0.811	0.611	0.610	0.800	1.114	1.454	1.731
5181	51.80	1.691	1.922	1.844	1.688	1.480	1.234	0.963	0.680	0.412	0.180
5191	51.90	-0.004	-0.151	-0.296	-0.481	-0.733	-1.050	-1.397	-1.720	-1.970	-2.126
5201	52.00	-2.206	-2.254	-2.320	-2.430	-2.577	-2.717	-2.793	-2.759	-2.602	-2.347
5211	52.10	-2.043	-1.742	-1.482	-1.270	-1.088	-0.905	-0.696	-0.450	-0.181	0.086
5221	52.20	0.326	0.508	0.618	0.648	0.594	0.451	0.217	-0.104	-0.497	-0.920
5231	52.30	-1.315	-1.606	-1.725	-1.628	-1.315	-0.842	-0.311	0.153	0.435	0.468
5241	52.40	0.250	-0.157	-0.644	-1.094	-1.411	-1.567	-1.496	-1.278	-0.921	-0.447
5251	52.50	0.119	0.736	1.326	1.776	1.965	1.807	1.306	0.577	-0.164	-0.681
5261	52.60	-0.786	-0.427	0.281	1.084	1.681	1.829	1.438	0.602	-0.432	-1.360
5271	52.70	-1.921	-1.987	-1.586	-0.878	-0.080	0.608	1.062	1.249	1.210	1.024
5281	52.80	0.775	0.531	0.344	0.254	0.290	0.463	0.760	1.136	1.518	1.832
5291	52.90	2.023	2.079	2.034	1.949	1.885	1.875	1.909	1.945	1.931	1.833
5301	53.00	1.649	1.410	1.161	0.940	0.760	0.608	0.456	0.280	0.071	-0.164
5311	53.10	-0.408	-0.654	-0.905	-1.178	-1.486	-1.824	-2.166	-2.470	-2.693	-2.817
5321	53.20	-2.854	-2.850	-2.856	-2.904	-3.001	-3.108	-3.166	-3.124	-2.959	-2.688
5331	53.30	-2.367	-2.061	-1.825	-1.680	-1.608	-1.565	-1.499	-1.369	-1.153	-0.849
5341	53.40	-0.473	-0.068	0.397	0.825	1.193	1.455	1.573	1.532	1.356	1.109
5351	53.50	0.885	0.782	0.868	1.162	1.621	2.153	2.651	3.021	3.211	3.222
5361	53.60	3.099	2.907	2.707	2.537	2.405	2.300	2.203	2.101	1.992	1.882
5371	53.70	1.774	1.665	1.539	1.375	1.156	0.879	0.559	0.227	-0.084	-0.344
5381	53.80	-0.539	-0.668	-0.739	-0.762	-0.742	-0.680	-0.576	-0.436	-0.276	-0.117
5391	53.90	0.019	0.122	0.197	0.265	0.355	0.487	0.665	0.868	1.056	1.183
5401	54.00	1.214	1.137	0.967	0.742	0.510	0.309	0.160	0.056	-0.021	-0.107
5411	54.10	-0.226	-0.389	-0.586	-0.793	-0.981	-1.130	-1.233	-1.303	-1.363	-1.436
5421	54.20	-1.535	-1.654	-1.769	-1.847	-1.856	-1.780	-1.623	-1.410	-1.172	-0.941
5431	54.30	-0.738	-0.570	-0.441	-0.353	-0.316	-0.343	-0.445	-0.623	-0.857	-1.115
5441	54.40	-1.361	-1.568	-1.727	-1.846	-1.937	-1.996	-2.002	-1.916	-1.706	-1.374
5451	54.50	-0.983	-0.631	-0.446	-0.519	-0.859	-1.374	-1.887	-2.188	-2.118	-1.627
5461	54.60	-0.804	0.149	0.985	1.498	1.591	1.310	0.809	0.299	-0.031	-0.070
5471	54.70	0.198	0.705	1.343	2.001	2.598	3.079	3.415	3.585	3.571	3.368
5481	54.80	2.995	2.507	1.986	1.524	1.195	1.028	1.001	1.049	1.088	1.050
5491	54.90	0.899	0.640	0.310	-0.044	-0.379	-0.671	-0.917	-1.124	-1.302	-1.459

Table 7-3-12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1898 1302-GR-1-26 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = 77.635 (GAL) T= 11.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.595	-1.709	-1.798	-1.862	-1.905	-1.934	-1.960	-1.994	-2.048	-2.127
5511	55.10	-2.225	-2.320	-2.374	-2.341	-2.186	-1.987	-1.470	-0.990	-0.523	-0.145
5521	55.20	0.093	0.185	0.163	0.092	0.040	0.061	0.178	0.385	0.657	0.964
5531	55.30	1.283	1.598	1.900	2.175	2.402	2.549	2.588	2.498	2.277	1.944
5541	55.40	1.561	1.125	0.759	0.497	0.382	0.427	0.615	0.899	1.210	1.476
5551	55.50	1.615	1.701	1.671	1.610	1.584	1.636	1.760	1.921	2.049	2.086
5561	55.60	2.009	1.845	1.658	1.516	1.454	1.453	1.354	1.091	0.659	0.659
5571	55.70	0.123	-0.396	-0.764	-0.885	-0.741	-0.391	0.044	0.427	0.645	0.642
5581	55.80	0.419	0.027	-0.460	-0.961	-1.405	-1.733	-1.901	-1.886	-1.689	-1.347
5591	55.90	-0.928	-0.521	-0.216	-0.081	-0.143	-0.390	-0.776	-1.242	-1.732	-2.199
5601	56.00	-2.609	-2.928	-3.127	-3.183	-3.097	-2.905	-2.679	-2.516	-2.503	-2.688
5611	56.10	-3.052	-3.509	-3.930	-4.166	-4.195	-3.943	-3.490	-2.939	-2.396	-1.933
5621	56.20	-1.566	-1.261	-0.960	-0.614	-0.204	0.248	0.690	1.087	1.341	1.507
5631	56.30	1.597	1.661	1.752	1.903	2.118	2.367	2.600	2.760	2.806	2.721
5641	56.40	2.523	2.255	1.974	1.731	1.555	1.445	1.377	1.314	1.226	1.104
5651	56.50	0.966	0.836	0.765	0.702	0.686	0.661	0.589	0.451	0.266	0.082
5661	56.60	-0.037	-0.040	0.086	0.312	0.577	0.809	0.955	0.998	0.954	0.861
5671	56.70	0.751	0.639	0.513	0.355	0.153	-0.085	-0.323	-0.520	-0.643	-0.693
5681	56.80	-0.697	-0.704	-0.756	-0.867	-1.013	-1.148	-1.214	-1.187	-1.071	-0.905
5691	56.90	-0.739	-0.611	-0.530	-0.480	-0.437	-0.385	-0.338	-0.329	-0.397	-0.555
5701	57.00	-0.782	-1.017	-1.186	-1.235	-1.143	-0.942	-0.692	-0.452	-0.256	-0.097
5711	57.10	0.057	0.237	0.452	0.675	0.859	0.963	0.980	0.944	0.919	0.960
5721	57.20	1.080	1.235	1.341	1.314	1.118	0.799	0.471	0.279	0.331	0.648
5731	57.30	1.149	1.676	2.058	2.180	2.021	1.662	1.239	0.889	0.688	0.639
5741	57.40	0.678	0.717	0.693	0.588	0.433	0.276	0.160	0.091	0.046	-0.011
5751	57.50	-0.107	-0.239	-0.380	-0.494	-0.540	-0.582	-0.593	-0.629	-0.711	-0.833
5761	57.60	-0.959	-1.043	-1.055	-0.991	-0.881	-0.772	-0.705	-0.697	-0.741	-0.810
5771	57.70	-0.874	-0.921	-0.958	-1.004	-1.075	-1.169	-1.259	-1.308	-1.280	-1.163
5781	57.80	-0.975	-0.763	-0.579	-0.465	-0.435	-0.469	-0.526	-0.558	-0.530	-0.424
5791	57.90	-0.252	-0.038	0.185	0.386	0.545	0.654	0.715	0.739	0.743	0.745
5801	58.00	0.761	0.798	0.858	0.926	0.980	0.999	0.967	0.879	0.746	0.590
5811	58.10	0.439	0.316	0.235	0.194	0.185	0.184	0.173	0.135	0.065	-0.034
5821	58.20	-0.150	-0.263	-0.352	-0.400	-0.394	-0.333	-0.285	-0.087	0.060	0.198
5831	58.30	0.317	0.418	0.512	0.617	0.753	0.928	1.140	1.372	1.595	1.775
5841	58.40	1.885	1.908	1.866	1.715	1.543	1.359	1.187	1.036	0.905	0.799
5851	58.50	0.643	0.482	0.294	0.081	-0.140	-0.356	-0.550	-0.714	-0.850	-0.963
5861	58.60	-1.065	-1.168	-1.281	-1.405	-1.535	-1.659	-1.764	-1.839	-1.878	-1.884
5871	58.70	-1.865	-1.829	-1.782	-1.721	-1.640	-1.533	-1.409	-1.288	-1.208	-1.206
5881	58.80	-1.303	-1.223	-1.093	-0.919	-0.719	-0.499	-0.274	-0.061	-0.916	-0.539
5891	58.90	-0.267	-0.116	-0.051	-0.009	0.074	0.232	0.459	0.715	0.969	1.130
5901	59.00	1.257	1.360	1.480	1.644	1.845	2.044	2.184	2.218	2.130	1.943
5911	59.10	1.709	1.487	1.317	1.206	1.136	1.044	0.966	0.831	0.670	0.510
5921	59.20	0.373	0.267	0.184	0.106	0.018	-0.083	-0.187	-0.277	-0.339	-0.370
5931	59.30	-0.381	-0.391	-0.415	-0.459	-0.516	-0.574	-0.621	-0.654	-0.677	-0.699
5941	59.40	-0.723	-0.745	-0.752	-0.733	-0.686	-0.621	-0.558	-0.519	-0.518	-0.549
5951	59.50	-0.592	-0.619	-0.611	-0.561	-0.485	-0.410	-0.362	-0.356	-0.385	-0.429
5961	59.60	-0.465	-0.472	-0.448	-0.402	-0.351	-0.308	-0.277	-0.251	-0.220	-0.177
5971	59.70	-0.125	-0.075	-0.040	-0.028	-0.031	-0.035	-0.017	0.034	0.117	0.212
5981	59.80	0.290	0.329	0.321	0.282	0.241	0.230	0.267	0.345	0.435	0.496
5991	59.90	0.496	0.424	0.300	0.165	0.066	0.038	0.087	0.191	0.310	0.398

Table 7-4-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1908 1315-GR-1-12 HA. (HA.) ONNETTO BRIDGE MAX. ACC. = -51.191 (GAL) T= 0.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	19.611	14.615	5.420	-4.356	-10.780	-11.458	-6.932	-0.602	2.741	-0.771
11	0.10	-12.015	-28.080	-43.218	-51.191	-47.989	-33.665	-12.294	9.580	25.894	33.434
21	0.20	32.873	27.927	23.113	21.288	22.225	22.946	19.623	10.029	-4.763	-20.389
31	0.30	-30.991	-31.947	-22.183	-4.891	15.776	27.420	32.227	28.543	20.419	13.391
41	0.40	11.602	15.709	22.595	27.028	24.400	13.172	-4.184	-22.216	-34.955	-38.605
51	0.50	-35.143	-22.120	-10.613	-3.708	-2.550	-5.855	-10.051	-11.432	-8.266	-1.434
61	0.60	6.056	10.688	10.194	4.577	-4.930	-12.495	-18.141	-19.772	-17.811	-13.632
71	0.70	-8.554	-3.129	2.892	9.964	17.942	25.607	30.870	31.607	26.698	16.734
81	0.80	3.987	-8.345	-17.297	-21.144	-19.827	-14.687	-7.710	-0.716	5.144	9.424
91	0.90	12.087	13.151	12.568	10.374	6.974	3.301	0.629	0.072	1.984	5.599
101	1.00	9.176	10.652	8.546	2.705	-5.469	-13.458	-18.552	-18.874	-14.094	-5.532
111	1.10	4.335	12.731	17.466	17.513	13.162	5.763	-2.750	-10.400	-15.607	-17.489
121	1.20	-15.995	-11.877	-6.474	-1.339	2.236	3.637	3.113	1.625	0.357	0.105
131	1.30	0.820	1.580	1.063	-1.667	-6.425	-11.648	-14.827	-13.522	-6.563	5.153
141	1.40	18.674	29.923	35.197	32.632	22.971	9.312	-4.086	-13.431	-16.753	-14.446
151	1.50	-6.821	-2.933	0.769	1.232	-0.864	-3.912	-6.225	-6.873	-6.003	-4.580
161	1.60	-3.755	-4.239	-5.974	-8.242	-10.078	-10.753	-10.066	-8.356	-6.261	-4.406
171	1.70	-3.167	-2.589	-2.422	-2.222	-1.424	0.563	4.215	9.662	16.330	23.314
181	1.80	28.532	30.236	27.246	19.710	9.340	-0.998	-8.260	-10.412	-7.301	-0.765
191	1.90	6.109	10.309	10.188	6.130	0.254	-4.692	-6.722	-5.583	-2.825	-0.933
201	2.00	-1.969	-6.433	-12.945	-18.930	-21.971	-21.109	-17.406	-13.425	-11.872	-14.060
211	2.10	-19.030	-23.817	-24.800	-19.526	-8.098	6.572	19.867	27.302	26.662	18.800
221	2.20	7.370	-2.790	-7.720	-5.936	1.138	10.039	16.970	19.503	17.507	12.922
231	2.30	6.598	6.819	8.242	11.746	15.158	16.438	14.671	10.401	5.173	0.628
241	2.40	-2.362	-4.020	-5.333	-7.284	-10.125	-13.141	-15.048	-14.827	-12.505	-9.396
251	2.50	-7.593	-8.914	-13.314	-20.870	-27.173	-29.540	-26.016	-16.946	-5.077	5.441
261	2.60	10.743	8.894	0.740	-10.404	-20.113	-24.632	-22.313	-14.106	-2.958	7.534
271	2.70	14.581	17.128	15.925	12.844	9.861	8.221	8.139	9.065	10.249	11.248
281	2.80	12.093	13.086	14.413	15.859	16.825	16.636	14.958	12.055	8.732	5.959
291	2.90	4.406	4.125	4.568	4.920	4.553	3.343	1.683	0.192	-0.701	-1.051
301	3.00	-1.402	-2.502	-4.886	-8.571	-13.014	-17.347	-20.741	-22.698	-23.112	-22.132
311	3.10	-19.935	-16.608	-12.221	-7.050	-1.779	2.527	4.733	4.139	0.924	-3.733
321	3.20	-7.985	-9.988	-8.650	-4.084	2.439	9.034	13.980	16.379	16.398	15.025
331	3.30	13.490	12.469	12.757	13.333	13.720	13.462	12.494	11.194	10.066	9.429
341	3.40	9.247	9.192	8.877	8.104	6.959	5.700	4.521	3.356	1.863	-0.367
351	3.50	-3.508	-7.263	-10.884	-13.443	-14.265	-13.273	-11.085	-8.771	-7.398	-7.547
361	3.60	-9.176	-11.502	-13.564	-14.569	-14.224	-12.792	-10.883	-9.121	-7.851	-7.037
371	3.70	-6.353	-5.398	-3.905	-1.846	0.596	3.135	5.505	7.512	9.051	10.077
381	3.80	10.600	10.712	10.603	10.542	10.786	11.454	12.434	13.376	13.825	13.422
391	3.90	12.081	10.049	7.798	5.805	4.331	3.325	2.515	1.622	0.575	-0.410
401	4.00	-0.964	-0.841	-0.183	0.405	0.054	-1.957	-5.760	-10.679	-15.379	-18.363
411	4.10	-18.615	-16.088	-11.785	-7.379	-4.501	-4.038	-5.744	-8.377	-10.273	-10.131
421	4.20	-7.604	-3.466	0.859	3.809	4.583	3.410	1.409	0.015	0.250	-2.215
431	4.30	5.051	7.382	8.040	6.684	4.030	1.537	0.710	2.348	6.103	10.585
441	4.40	13.985	14.914	13.061	9.355	5.519	3.239	3.336	5.344	7.717	8.572
451	4.50	6.620	1.834	-4.471	-10.192	-13.374	-13.075	-9.763	-5.068	-1.015	0.863
461	4.60	0.122	-2.552	-5.836	-8.502	-9.991	-10.555	-10.907	-11.637	-12.724	-13.466
471	4.70	-12.858	-10.234	-5.793	-0.693	3.378	4.979	3.634	0.136	-3.764	-6.134
481	4.80	-5.749	-2.644	1.925	6.109	8.357	8.132	6.131	3.895	3.033	4.446
491	4.90	7.917	12.250	15.853	17.464	16.672	14.000	10.568	7.517	5.522	4.589

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

INDEX NO. 1908 1315-GR-1-12 HA. (HA.) ONNETTO BRIDGE MAX. ACC. = -51.191 (GAL) T= 0.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	4.203	3.713	2.722	1.278	-0.203	-1.196	-1.406	-0.935	-0.255	0.010
511	5.10	-0.631	-2.328	-4.842	-7.672	-10.270	-12.244	-13.452	-13.966	-13.954	-13.535
521	5.20	-12.712	-11.395	-9.516	-7.155	-4.616	-2.381	-0.959	-0.666	-1.447	-2.830
531	5.30	-4.018	-4.318	-3.159	-0.618	2.716	5.913	8.095	8.782	8.098	6.691
541	5.40	5.449	5.055	5.721	7.108	8.530	9.318	9.136	8.111	6.699	5.593
551	5.50	4.460	3.737	2.957	1.825	0.358	-1.095	-2.054	-2.243	-1.847	-1.506
561	5.60	-2.000	-3.777	-6.578	-9.416	-10.970	-10.243	-7.149	-2.699	1.351	3.227
571	5.70	2.213	-1.378	-5.852	-9.105	-9.528	-6.744	-1.769	3.480	7.064	7.870
581	5.80	6.017	2.660	-0.660	-2.761	-3.284	-2.669	-1.732	-1.115	-0.934	-0.817
591	5.90	-0.254	0.969	2.561	3.757	3.931	2.850	0.991	-0.663	-1.007	0.444
601	6.00	3.466	7.009	9.866	11.046	10.280	8.054	5.299	2.915	1.374	0.602
611	6.10	0.159	-0.422	-1.339	-2.434	-3.332	-3.693	-3.424	-2.720	-1.933	-1.385
621	6.20	-1.229	-1.462	-2.036	-2.983	-4.420	-6.424	-8.839	-11.169	-12.662	-12.603
631	6.30	-10.680	-7.231	-3.200	0.206	2.037	2.026	0.720	-0.783	-1.356	-0.374
641	6.40	1.985	4.876	7.214	8.217	7.771	6.445	5.150	4.655	5.191	6.366
651	6.50	7.407	7.598	6.863	4.914	3.078	1.901	1.784	2.482	3.396	3.712
661	6.60	2.893	0.926	-1.660	-4.033	-5.414	-5.399	-4.102	-2.075	-0.074	1.231
671	6.70	1.469	0.642	-0.934	-2.780	-4.623	-5.522	-5.940	-5.743	-5.158	-4.497
681	6.80	-4.064	-4.071	-4.567	-5.428	-6.388	-7.131	-7.599	-7.079	-6.225	-5.017
691	6.90	-3.670	-2.336	-1.054	0.232	1.594	3.031	4.408	5.482	5.990	5.789
701	7.00	4.955	3.808	2.827	2.480	3.040	4.450	6.323	8.066	9.096	9.064
711	7.10	7.995	6.278	4.509	3.267	2.784	3.026	3.539	3.742	3.167	1.673
721	7.20	-0.488	-2.745	-4.542	-5.391	-5.240	-4.390	-3.371	-2.713	-2.742	-3.477
731	7.30	-4.470	-5.455	-6.961	-7.525	-7.599	-7.241	-6.516	-5.466	-4.040	-2.359
741	7.40	-0.581	1.002	2.072	2.422	2.080	1.339	0.664	0.509	1.120	2.427
751	7.50	4.061	5.518	6.368	6.446	5.877	5.051	4.143	4.143	4.344	4.737
761	7.60	4.946	4.620	3.611	2.004	0.091	-1.750	-3.185	-4.025	-4.257	-4.010
771	7.70	-3.484	-2.873	-2.306	-1.827	-1.409	-0.996	-0.548	-0.083	0.307	0.484
781	7.80	0.318	-0.232	-1.058	-1.893	-2.378	-2.192	-1.200	0.439	2.284	3.745
791	7.90	4.307	3.763	2.337	0.629	-0.611	-0.802	0.192	1.964	3.702	4.520
801	8.00	3.850	1.718	-1.235	-3.991	-5.594	-5.551	-4.054	-1.906	-0.162	0.335
811	8.10	-0.675	-2.758	-4.990	-6.370	-6.267	-4.673	-2.167	0.387	2.238	3.110
821	8.20	3.248	3.235	3.610	4.684	6.105	7.298	7.637	6.852	5.106	3.113
831	8.30	1.625	1.147	1.661	2.637	3.311	3.092	1.884	0.158	-1.282	-1.709
841	8.40	-0.885	0.777	2.361	2.870	1.709	-0.991	-4.407	-7.330	-8.717	-8.130
851	8.50	-5.928	-3.100	-0.838	-0.034	-0.934	-3.093	-5.611	-7.541	-8.267	-7.696
861	8.60	-6.200	-4.398	-2.859	-1.892	-1.503	-1.498	-1.606	-1.653	-1.576	-1.389
871	8.70	-1.111	-0.710	-0.119	0.697	1.673	3.281	3.447	3.076	2.357	
881	8.80	1.662	1.416	1.924	3.222	5.046	6.904	8.255	8.713	8.183	6.896
891	8.90	5.312	3.926	3.068	2.782	2.809	2.709	2.070	0.701	-1.261	-3.389
901	9.00	-5.132	-6.043	-5.978	-5.149	-4.050	-3.225	-3.031	-3.493	-4.302	-4.990
911	9.10	-5.173	-4.758	-3.988	-3.336	-3.225	-3.808	-4.824	-5.697	-5.790	-4.725
921	9.20	-2.593	0.038	2.345	3.602	3.507	2.295	0.630	-0.712	-1.196	-0.757
931	9.30	0.231	1.087	1.327	0.956	0.194	-0.270	0.172	1.769	4.254	6.931
941	9.40	8.947	9.749	9.134	7.489	5.508	3.879	3.030	2.924	3.242	3.509
951	9.50	3.400	2.883	2.196	1.678	1.540	1.716	1.858	1.501	0.304	-1.746
961	9.60	-4.281	-6.670	-8.268	-8.684	-7.949	-6.504	-5.023	-4.136	-4.189	-5.118
971	9.70	-6.502	-7.744	-8.314	-7.933	-6.647	-4.759	-2.669	-0.705	0.987	2.450
981	9.80	3.826	5.226	6.623	7.823	8.535	8.502	7.637	6.102	4.289	2.707
991	9.90	1.813	1.852	2.779	4.273	5.857	7.058	7.548	7.218	6.163	4.595

Table 7-4-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1908 1315-GR-1-12 HA. (HA.) ONNETTO BRIDGE MAX. ACC. = -51.191 (GAL) T= 0.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	2.743	0.773	-1.214	-3.142	-4.895	-6.287	-7.090	-7.125	-6.376	-5.053
1011	10.10	-3.579	-2.467	-2.148	-2.796	-4.253	-6.064	-7.636	-8.450	-8.238	-7.060
1021	10.20	-5.254	-3.293	-1.605	-0.442	0.166	0.357	0.343	0.310	0.375	0.584
1031	10.30	0.963	1.546	2.381	3.490	4.819	6.209	7.420	8.208	8.417	8.049
1041	10.40	7.277	6.370	5.582	5.036	4.671	4.259	3.521	2.254	0.455	-1.646
1051	10.50	-3.641	-5.088	-5.676	-5.364	-4.615	-3.322	-2.637	-2.764	-3.789	-5.430
1061	10.60	-7.127	-8.241	-8.315	-7.255	-5.387	-3.329	-1.734	-1.011	-1.144	-1.691
1071	10.70	-1.993	-1.486	0.015	2.190	4.338	5.676	5.705	4.456	2.497	0.689
1081	10.80	-0.201	0.147	1.462	3.020	3.996	3.856	2.622	0.849	-0.647	-1.182
1091	10.90	-0.535	0.960	2.591	3.616	3.612	2.651	1.215	-0.080	-0.811	-0.944
1101	11.00	-0.814	-0.889	-1.475	-2.504	-3.538	-3.981	-3.395	-1.755	0.494	2.606
1111	11.10	3.853	3.840	2.664	0.856	-0.868	-1.922	-2.076	-1.515	-0.711	-0.182
1121	11.20	-0.261	-0.972	-2.042	-3.045	-3.575	-3.403	-2.529	-1.171	0.335	1.644
1131	11.30	2.459	2.792	2.588	2.045	1.103	0.853	0.488	0.273	0.090	-0.178
1141	11.40	-0.543	-0.858	-0.856	-0.275	0.978	2.705	4.421	5.515	5.497	4.245
1151	11.50	2.105	-0.212	-1.907	-2.440	-1.766	-0.357	1.023	1.671	1.279	0.061
1161	11.60	-1.369	-2.310	-2.327	-1.450	-0.135	0.992	1.466	1.198	0.505	-0.120
1171	11.70	-0.299	0.011	0.495	0.685	0.258	-0.737	-1.856	-2.473	-2.119	-0.754
1181	11.80	1.162	2.857	3.660	3.240	1.852	0.157	-1.104	-1.473	-0.979	-0.083
1191	11.90	0.605	0.668	0.101	-0.710	-1.226	-1.086	-0.324	0.633	1.192	0.927
1201	12.00	-0.185	-1.740	-3.115	-3.802	-3.665	-2.996	-2.326	-2.106	-2.433	-2.978
1211	12.10	-3.161	-2.486	-0.841	1.387	3.474	4.698	4.695	3.632	2.113	0.865
1221	12.20	0.365	0.615	1.177	1.449	1.028	-0.035	-1.227	-1.831	-1.302	0.416
1231	12.30	2.818	5.040	6.246	6.006	4.476	2.306	0.312	-0.886	-1.132	-0.739
1241	12.40	-0.273	-0.230	-0.784	-1.722	-2.588	-2.958	-2.676	-1.969	-1.235	-1.011
1251	12.50	-1.523	-2.663	-4.025	-5.101	-5.519	-5.205	-4.386	-3.452	-2.757	-2.459
1261	12.60	-2.468	-2.539	-2.419	-1.992	-1.327	-0.622	-0.085	0.193	0.281	0.366
1271	12.70	0.660	1.195	1.971	2.793	3.474	3.915	4.153	4.319	4.540	4.834
1281	12.80	5.070	5.018	4.479	3.418	2.029	0.691	-0.193	-0.377	0.102	0.922
1291	12.90	1.624	1.830	1.434	0.665	-0.020	-0.163	0.448	1.638	2.900	3.605
1301	13.00	3.295	1.913	-0.156	-2.230	-3.648	-4.040	-3.488	-2.460	-1.567	-1.265
1311	13.10	-1.660	-2.392	-3.017	-3.081	-2.470	-1.458	-0.577	-0.352	-1.031	-2.442
1321	13.20	-4.064	-5.259	-5.554	-4.848	-3.431	-1.830	-0.559	0.099	0.179	-0.043
1331	13.30	-0.224	-0.136	0.240	0.747	1.177	1.406	1.464	1.484	1.636	1.975
1341	13.40	2.413	2.750	2.783	2.411	1.690	0.801	-0.041	-0.676	-1.054	-1.210
1351	13.50	-1.202	-1.056	-0.751	-0.270	0.342	0.940	1.312	1.280	0.805	0.046
1361	13.60	-0.685	-1.057	-0.885	-0.243	0.559	1.102	1.067	0.388	-0.704	-1.795
1371	13.70	-2.480	-2.558	-2.108	-1.628	-0.865	-0.625	-0.689	-0.844	-0.842	-0.560
1381	13.80	-0.094	0.294	0.334	-0.073	-0.761	-1.356	-1.453	-0.838	0.384	1.812
1391	13.90	2.932	3.364	3.047	2.261	1.479	1.120	1.327	1.897	2.388	2.363
1401	14.00	1.629	0.360	-0.964	-1.775	-1.676	-0.631	1.033	2.771	4.064	4.626
1411	14.10	4.485	3.909	3.238	2.706	2.348	2.027	1.550	0.803	-0.176	-1.214
1421	14.20	-2.098	-2.679	-2.936	-2.966	-2.894	-2.806	-2.702	-2.519	-2.212	-1.822
1431	14.30	-1.503	-1.464	-1.869	-2.735	-3.890	-5.023	-5.803	-6.017	-5.654	-4.899
1441	14.40	-4.043	-3.349	-2.939	-2.767	-2.659	-2.459	-2.049	-1.461	-0.837	-0.286
1451	14.50	0.144	0.538	1.075	1.932	3.186	4.754	6.408	7.866	8.898	9.416
1461	14.60	9.485	9.269	8.930	8.543	8.065	7.376	6.353	4.982	3.374	1.745
1471	14.70	0.330	-0.712	-1.362	-1.731	-1.992	-2.296	-2.694	-3.147	-3.563	-3.864
1481	14.80	-4.146	-4.480	-5.050	-5.954	-7.147	-8.421	-9.470	-10.006	-9.880	-9.138
1491	14.90	-8.000	-6.755	-5.832	-6.706	-3.884	-2.975	-1.811	-0.353	1.272	2.820

Table 7-4-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1908 1315-GR-1-12 HA. (HA.) ONNETTO BRIDGE MAX. ACC. = -51.191 (GAL) T= 0.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	4.043	4.813	5.107	5.384	5.699	6.340	7.349	8.564	9.687	10.408
1511	15.10	10.538	10.084	9.238	8.288	7.496	6.995	6.743	6.561	6.226	5.567
1521	15.20	4.540	3.229	1.800	0.419	-0.817	-1.910	-2.931	-3.964	-5.039	-6.101
1531	15.30	-7.032	-7.706	-8.068	-8.179	-8.212	-8.382	-8.844	-9.607	-10.497	-11.200
1541	15.40	-11.383	-10.819	-9.493	-7.611	-5.527	-3.604	-2.071	-0.951	-0.084	0.767
1551	15.50	1.774	2.949	4.132	5.088	5.665	5.819	5.839	6.060	6.788	8.108
1561	15.60	9.791	11.357	12.252	12.089	10.829	8.823	6.671	4.985	4.126	4.061
1571	15.70	4.391	4.519	4.063	2.788	0.942	-0.952	-2.367	-2.995	-2.907	-2.515
1581	15.80	-2.327	-2.932	-4.282	-6.138	-7.946	-9.141	-9.405	-8.809	-7.776	-6.870
1591	15.90	-6.536	-6.083	-7.641	-8.297	-8.347	-7.541	-6.003	-4.167	-2.556	-1.526
1601	16.00	-1.087	-0.902	-0.473	0.594	2.360	4.491	6.400	7.522	7.607	6.861
1611	16.10	5.875	5.362	5.819	7.278	9.276	11.052	11.890	11.441	9.865	7.739
1621	16.20	5.766	4.437	3.818	3.551	3.078	1.961	0.130	-2.066	-4.036	-5.253
1631	16.30	-5.536	-5.160	-4.728	-4.875	-5.947	-7.826	-9.975	-11.693	-12.444	-12.094
1641	16.40	-10.948	-9.574	-8.505	-7.981	-7.858	-7.707	-7.055	-5.634	-3.504	-1.009
1651	16.50	1.406	3.399	4.863	5.907	6.735	7.489	8.169	8.658	8.862	8.733
1661	16.60	8.514	8.465	8.204	9.534	10.393	10.938	10.745	9.613	7.671	5.330
1671	16.70	3.099	1.359	0.209	-0.543	-1.243	-2.193	-3.491	-4.993	-6.413	-7.689
1681	16.80	-8.121	-8.418	-8.614	-8.927	-9.428	-10.009	-10.451	-10.553	-10.250	-9.635
1691	16.90	-8.898	-8.203	-7.590	-6.954	-6.117	-4.954	-3.479	-1.866	-0.350	0.870
1701	17.00	1.756	2.426	3.073	3.837	4.711	5.534	6.088	6.236	6.027	5.699
1711	17.10	5.562	5.839	6.530	7.390	8.041	8.151	7.600	6.539	5.311	4.271
1721	17.20	3.607	3.248	2.918	2.290	1.180	-0.343	-1.975	-3.316	-4.066	-4.160
1731	17.30	-3.798	-3.342	-3.163	-3.388	-4.040	-4.888	-5.661	-6.192	-6.448	-6.523
1741	17.40	-6.536	-6.534	-6.436	-6.069	-5.269	-3.986	-2.352	-0.651	0.774	1.654
1751	17.50	1.900	1.634	1.134	0.722	0.649	1.005	1.711	2.570	3.348	3.870
1761	17.60	4.067	3.984	3.746	3.503	3.370	3.406	3.592	3.871	4.155	4.362
1771	17.70	4.426	4.297	3.944	3.348	2.509	1.480	0.193	-0.727	-1.554	-2.119
1781	17.80	-2.241	-2.231	-1.644	-1.343	-1.040	-1.292	-2.639	-3.857	-5.078	-6.077
1791	17.90	-6.650	-6.700	-6.245	-5.393	-4.292	-3.098	-1.937	-0.919	-0.116	0.444
1801	18.00	0.767	0.922	1.016	1.164	1.467	1.960	2.615	3.355	4.094	4.766
1811	18.10	5.340	5.800	6.118	6.236	6.080	5.611	4.870	4.005	3.230	2.743
1821	18.20	2.616	2.724	2.788	2.473	1.559	0.071	-1.682	-3.221	-4.091	-4.075
1831	18.30	-3.310	-2.247	-1.465	-1.618	-2.232	-3.650	-5.150	-6.180	-6.397	-5.801
1841	18.40	-4.703	-3.552	-2.711	-2.312	-2.201	-1.645	-0.804	0.344	1.442	2.152
1851	18.50	2.532	3.180	3.531	3.757	4.035	4.442	4.912	5.286	5.416	5.267
1861	18.60	4.941	4.624	4.471	4.511	4.618	4.574	4.197	3.452	2.491	1.593
1871	18.70	1.026	0.908	1.139	1.437	1.480	1.066	0.222	-0.787	-1.572	-1.790
1881	18.80	-1.299	-0.231	1.052	2.100	2.540	2.210	1.211	-0.146	-1.649	-2.324
1891	18.90	-2.542	-2.072	-1.074	0.161	1.300	2.055	2.254	1.880	1.064	0.040

Table 7-5-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1909 1315-GR-1-12 U-D (U-D) ONNETTO BRIDGE MAX. ACC. = -32.786 (GAL) T= 0.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-11.326	-10.224	-3.908	6.671	18.676	28.402	32.760	30.544	22.696	12.732
11	0.10	3.100	-2.790	-5.464	-6.105	-7.064	-10.182	-15.736	-22.209	-26.987	-27.598
21	0.20	-22.868	-13.436	-1.402	10.605	20.490	27.296	31.138	32.607	32.055	29.244
31	0.30	23.540	14.581	2.914	-9.738	-20.848	-27.983	-29.774	-26.688	-19.900	-12.526
41	0.40	-6.575	-3.123	-1.852	-1.433	-0.300	2.590	7.343	13.194	18.914	23.286
51	0.50	25.415	24.791	21.199	14.659	5.504	-5.423	-16.668	-26.197	-32.047	-32.786
61	0.60	-28.173	-19.323	-8.360	2.330	10.928	16.710	20.033	21.824	22.861	23.232
71	0.70	22.271	18.998	12.812	4.058	-5.849	-14.849	-20.992	-23.183	-21.545	-17.247
81	0.80	-11.918	-6.935	-2.966	0.080	2.698	5.287	7.804	9.742	10.454	9.585
91	0.90	7.376	4.635	2.373	1.309	1.486	2.231	2.482	1.330	-1.481	-5.362
101	1.00	-9.072	-11.231	-10.896	-7.964	-3.209	2.032	6.366	8.837	9.189	7.840
111	1.10	5.615	3.391	1.806	1.129	1.281	1.953	2.716	3.102	2.639	0.927
121	1.20	-2.250	-6.744	-11.919	-16.647	-19.527	-19.295	-15.295	-7.835	1.756	11.441
131	1.30	19.057	22.982	22.606	18.438	11.818	4.364	-2.580	-8.268	-12.532	-15.491
141	1.40	-17.172	-17.293	-15.349	-10.961	-4.312	3.594	11.036	16.056	17.155	13.893
151	1.50	7.148	-1.126	-8.528	-13.004	-13.488	-10.165	-4.295	2.281	7.749	10.812
161	1.60	10.940	8.370	3.922	-1.254	-5.915	-9.098	-10.010	-8.640	-5.363	-1.190
171	1.70	2.637	5.002	5.296	3.627	0.772	-2.150	-4.130	-4.670	-3.921	-2.524
181	1.80	-1.217	-0.433	-0.083	0.345	1.435	3.426	5.950	8.101	8.798	7.300
191	1.90	3.608	-1.452	-6.505	-10.163	-11.566	-10.698	-8.344	-5.709	-3.902	-3.479
201	2.00	-4.259	-5.439	-5.943	-4.855	-1.748	3.164	9.065	14.841	19.160	20.951
211	2.10	19.542	14.841	7.418	-1.547	-10.461	-17.640	-21.711	-21.973	-18.604	-12.616
221	2.20	-5.572	0.872	5.422	7.480	7.258	5.407	3.087	1.194	0.289	0.462
231	2.30	1.393	2.502	3.348	3.397	2.509	0.744	-1.531	-3.898	-5.769	-6.604
241	2.40	-6.030	-3.979	-0.774	2.694	6.119	8.043	8.139	6.411	3.410	0.054
251	2.50	-2.713	-4.267	-4.523	-3.924	-3.193	-2.959	-3.430	-4.256	-4.678	-3.881
261	2.60	-1.419	2.508	7.033	10.909	12.954	12.489	9.571	4.935	-0.306	-5.064
271	2.70	-8.593	-10.615	-11.232	-10.725	-9.372	-7.376	-4.935	-2.340	-0.025	1.520
281	2.80	1.964	1.347	0.172	-0.727	-0.506	1.298	4.493	8.227	11.264	12.449
291	2.90	11.148	7.490	2.303	-3.208	-7.880	-10.933	-12.107	-11.579	-9.747	-7.027
301	3.00	-3.747	-0.174	3.399	6.597	8.993	10.237	10.199	9.038	7.166	5.086
311	3.10	3.215	1.761	0.720	-0.024	-0.573	-0.931	-1.027	-0.809	-0.344	0.140
321	3.20	0.336	0.000	-0.906	-2.171	-3.404	-4.212	-4.367	-3.891	-3.013	-2.026
331	3.30	-1.135	-0.383	0.319	1.054	1.790	2.345	2.488	2.094	1.288	0.457
341	3.40	0.098	0.577	1.904	3.660	5.133	5.613	4.704	2.524	-0.327	-3.012
351	3.50	-4.786	-5.274	-4.565	-3.097	-1.408	0.099	1.287	2.239	3.107	3.947
361	3.60	4.447	4.988	4.793	4.063	3.022	2.033	1.412	0.659	1.438	1.554
371	3.70	1.239	0.298	-1.186	-2.863	-4.293	-5.130	-5.258	-4.809	-4.061	-3.285
381	3.80	-2.615	-2.024	-1.376	-0.550	0.467	1.557	2.521	3.168	3.392	3.189
391	3.90	2.616	1.725	0.529	-0.981	-2.764	-4.561	-6.383	-7.566	-7.903	-7.272
401	4.00	-5.797	-3.812	-1.724	0.142	1.661	2.910	4.063	5.244	6.410	7.338
411	4.10	7.728	7.367	6.266	4.687	3.041	1.696	0.803	0.221	-0.397	-1.406
421	4.20	-2.947	-4.815	-6.492	-7.363	-6.971	-5.240	-2.539	0.456	3.003	4.591
431	4.30	5.076	4.687	3.851	2.973	2.257	1.662	1.000	0.105	-1.026	-2.191
441	4.40	-3.070	-3.392	-3.078	-2.305	-1.425	-0.805	-0.656	-0.965	-1.424	-1.774
451	4.50	-1.771	-1.405	-0.884	-0.523	-0.583	-1.124	-1.966	-2.749	-3.082	-2.701
461	4.60	-1.560	0.153	2.108	3.939	5.359	6.206	6.436	6.079	5.208	3.898
471	4.70	2.250	0.398	-1.473	-3.150	-4.425	-5.152	-5.281	-4.874	-4.089	-3.136
481	4.80	-2.234	-1.551	-1.175	-1.082	-1.143	-1.156	-0.900	-0.218	0.912	2.343
491	4.90	3.778	4.858	5.282	4.924	3.880	2.440	0.970	-0.238	-1.071	-1.633

Table 7-5-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1909 1315-GR-1-12 U-D (U-D) ONNETTO BRIDGE MAX. ACC. = -32.786 (GAL) T= 0.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-2.162	-2.891	-3.893	-5.009	-5.879	-6.081	-5.514	-3.543	-1.051	1.643
511	5.10	3.955	5.430	5.878	5.409	4.352	3.112	2.011	1.195	0.619	0.116
521	5.20	-0.490	-1.276	-2.164	-2.929	-3.272	-2.935	-1.807	0.001	2.151	4.145
531	5.30	5.462	5.718	4.796	2.908	0.551	-1.644	-3.111	-3.537	-2.988	-1.775
541	5.40	-0.518	0.282	0.314	-0.400	-1.551	-2.677	-3.353	-3.347	-2.882	-1.593
551	5.50	-0.404	0.598	1.262	1.573	1.620	1.514	1.343	1.169	0.968	0.755
561	5.60	0.587	0.445	0.280	-0.012	-0.561	-1.449	-2.525	-3.870	-4.823	-5.095
571	5.70	-4.424	-2.803	-0.526	1.891	3.861	4.941	4.974	4.135	2.865	1.602
581	5.80	0.793	0.567	0.606	1.213	1.453	1.296	0.708	-0.158	-1.030	-1.634
591	5.90	-1.797	-1.496	-0.847	-0.047	0.705	1.270	1.590	1.677	1.564	1.273
601	6.00	0.798	0.129	-0.710	-1.615	-2.397	-2.819	-2.684	-1.926	-0.678	0.735
611	6.10	1.878	2.361	1.992	0.869	-0.624	-1.949	-2.607	-2.329	-1.188	0.421
621	6.20	1.931	2.818	2.789	1.884	0.436	-1.069	-2.186	-2.660	-2.478	-1.821
631	6.30	-0.946	-0.058	0.760	1.531	2.317	3.123	3.843	4.274	4.185	3.428
641	6.40	2.015	0.141	-1.861	-3.624	-4.848	-5.385	-5.255	-4.610	-3.665	-2.616
651	6.50	-1.590	-0.632	0.270	1.141	1.968	2.678	3.149	3.252	2.910	2.141
661	6.60	1.083	-0.039	-0.983	-1.569	-1.752	-1.634	-1.418	-1.313	-1.432	-1.729
671	6.70	-2.011	-2.025	-1.588	-0.694	0.442	1.457	1.980	1.802	0.981	-0.152
681	6.80	-1.111	-1.443	-0.912	0.406	2.151	3.816	4.931	5.222	4.672	3.483
691	6.90	1.961	0.396	-1.016	-2.185	-3.080	-3.672	-3.919	-3.782	-3.280	-2.533
701	7.00	-1.754	-1.180	-0.977	-1.151	-1.532	-1.839	-1.799	-1.279	-0.354	0.718
711	7.10	1.603	2.036	1.937	1.440	0.836	0.438	0.460	0.930	1.696	2.498
721	7.20	3.077	3.266	3.021	2.431	1.643	0.817	0.079	-0.499	-0.896	-1.129
731	7.30	-1.258	-1.352	-1.478	-1.669	-1.899	-2.076	-2.068	-1.756	-1.094	-0.146
741	7.40	0.925	1.919	2.680	3.167	3.453	3.674	3.921	4.158	4.206	3.809
751	7.50	2.770	1.084	-1.009	-3.076	-4.651	-5.424	-5.366	-4.753	-3.854	-2.388
761	7.60	-3.182	-3.192	-3.065	-2.437	-1.135	-0.699	0.440	1.184	1.897	2.442
771	7.70	3.683	2.384	1.209	0.443	0.116	0.056	0.020	-0.147	-0.433	-0.689
781	7.80	-0.742	-0.529	-0.170	0.074	-0.074	-0.754	-1.867	-3.098	-4.034	-4.368
791	7.90	-3.932	-2.945	-1.733	-0.676	-0.027	0.180	0.109	0.030	0.180	0.664
801	8.00	1.426	2.288	3.047	3.545	3.712	3.563	3.160	2.575	1.878	1.139
811	8.10	0.438	-0.158	-0.576	-0.810	-0.915	-0.997	-1.159	-1.446	-1.808	-2.104
821	8.20	-2.167	-1.886	-1.269	-0.455	0.337	0.959	1.140	0.987	0.686	0.066
831	8.30	0.859	0.924	0.918	0.893	0.194	-0.475	-1.079	-1.353	-1.134	-0.456
841	8.40	0.444	1.226	1.604	1.477	0.982	0.424	0.128	0.267	0.769	1.347
851	8.50	1.630	1.352	0.493	-0.700	-1.805	-2.412	-2.298	-1.516	-0.357	0.779
861	8.60	1.560	1.837	1.667	1.234	0.733	0.266	-0.176	-0.666	-1.236	-1.833
871	8.70	-2.293	-2.430	-2.139	-1.467	-0.623	0.115	0.519	0.522	0.238	-0.099
881	8.80	-0.260	-0.178	0.084	0.302	0.269	-0.162	-0.820	-1.447	-1.721	-1.435
891	8.90	-0.604	0.520	1.550	2.125	2.059	1.410	0.447	-0.472	-1.042	-1.119
901	9.00	-0.738	-0.062	0.710	1.429	2.023	2.478	2.787	2.907	2.761	2.281
911	9.10	1.470	0.441	-0.588	-1.362	-1.687	-1.513	-0.968	-0.324	0.114	0.122
921	9.20	-0.349	-1.146	-1.970	-2.495	-2.489	-1.909	-0.912	0.209	1.137	1.659
931	9.30	1.732	1.490	1.163	0.965	0.991	1.170	1.300	1.148	0.570	-0.405
941	9.40	-1.566	-2.592	-3.185	-3.195	-2.681	-1.893	-1.159	-0.750	-0.769	-1.118
951	9.50	-1.550	-1.794	-1.672	-1.179	-0.470	0.223	0.696	0.872	0.820	0.712
961	9.60	0.733	0.991	1.472	2.051	2.557	2.851	2.876	2.666	2.306	1.878
971	9.70	1.416	0.897	0.277	-0.466	-1.286	-2.030	-2.626	-2.834	-2.615	-2.008
981	9.80	-1.160	-0.277	0.445	0.876	0.989	0.853	0.589	0.321	0.119	-0.020
991	9.90	-0.160	-0.387	-0.761	-1.268	-1.812	-2.233	-2.353	-2.040	-1.256	-0.079

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

INDEX NO. 1909 1315-GR-1-12 U-D (U-D) ONNETTO BRIDGE MAX. ACC. = -32.786 (GAL) T= 0.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.302	2.632	3.647	4.133	3.973	3.167	1.842	0.226	-1.389	-2.696
1011	10.10	-3.445	-3.498	-2.880	-1.784	-0.530	0.517	1.061	0.973	0.339	-0.567
1021	10.20	-1.374	-1.754	-1.540	-0.783	0.266	1.260	1.690	1.995	1.607	0.917
1031	10.30	0.178	-0.402	-0.731	-0.852	-0.883	-0.944	-1.086	-1.262	-1.372	-1.306
1041	10.40	-1.018	-0.554	-0.028	0.419	0.694	0.781	0.751	0.715	0.773	0.964
1051	10.50	1.248	1.523	1.673	1.612	1.317	0.838	0.273	-0.267	-0.693	-0.957
1061	10.60	-1.052	-0.996	-0.808	-0.496	-0.044	0.547	1.260	2.016	2.682	3.083
1071	10.70	3.057	2.520	1.511	0.217	-1.069	-2.033	-2.451	-2.275	-1.667	-0.947
1081	10.80	-0.474	-0.503	-1.069	-1.960	-2.785	-3.128	-2.715	-1.534	0.148	1.881
1091	10.90	3.198	3.784	3.587	2.811	1.815	0.960	0.464	0.337	0.403	0.400
1101	11.00	0.108	-0.560	-1.522	-2.574	-3.468	-4.002	-4.075	-3.700	-2.974	-2.038
1111	11.10	-1.035	-0.092	0.690	1.239	1.513	1.516	1.303	0.975	0.657	0.461
1121	11.20	0.445	0.597	0.837	1.046	1.110	0.965	0.613	0.125	-0.384	-0.794
1131	11.30	-1.009	-0.987	-0.744	-0.352	0.082	0.448	0.656	0.663	0.481	0.168
1141	11.40	-0.194	-0.533	-0.806	-1.001	-1.117	-1.131	-0.985	-0.582	0.161	1.255
1151	11.50	2.584	3.593	4.037	5.091	4.472	3.027	1.046	-1.019	-2.696	-3.655
1161	11.60	-3.813	-3.337	-2.567	-1.866	-1.468	-1.425	-1.584	-1.695	-1.522	-0.948
1171	11.70	-0.015	1.094	2.133	2.873	3.168	2.973	2.340	1.384	0.252	-0.896
1181	11.80	-1.906	-2.642	-3.002	-2.941	-2.481	-1.710	-0.760	0.218	1.092	1.761
1191	11.90	2.164	2.278	2.112	1.709	1.143	0.521	-0.042	-0.451	-0.667	-0.726
1201	12.00	-0.727	-0.788	-0.989	-1.324	-1.693	-1.942	-1.930	-1.603	-1.023	-0.347
1211	12.10	0.244	0.631	0.808	0.880	1.007	1.312	1.818	2.425	2.958	3.247
1221	12.20	3.208	2.871	2.356	1.803	1.299	0.844	0.374	-0.179	-0.809	-1.414
1231	12.30	-1.817	-1.848	-1.433	-0.666	0.303	1.146	1.657	1.737	1.434	0.901
1241	12.40	0.311	-0.222	-0.673	-1.082	-1.488	-1.869	-2.120	-2.098	-1.696	-0.921
1251	12.50	0.080	1.064	1.780	2.080	1.976	1.632	1.283	1.124	1.232	1.538
1261	12.60	1.867	2.125	2.180	2.092	1.964	1.886	1.854	1.756	1.423	0.736
1271	12.70	-0.281	-1.425	-2.383	-2.859	-2.723	-2.084	-1.261	-0.641	-0.499	-0.858
1281	12.80	-1.470	-1.927	-1.864	-1.148	0.031	1.225	1.929	1.813	0.867	-0.482
1291	12.90	-1.733	-2.351	-2.103	-1.143	0.067	0.967	1.155	0.572	-0.463	-1.496
1301	13.00	-1.980	-1.691	-0.734	0.496	1.497	1.872	1.490	0.513	-0.700	-1.753
1311	13.10	-2.368	-2.453	-2.089	-1.444	-0.682	0.092	0.829	1.488	2.003	2.270
1321	13.20	2.190	1.728	0.956	0.049	-0.776	-1.342	-1.591	-1.599	-1.539	-1.598
1331	13.30	-1.862	-2.379	-2.957	-3.428	-3.623	-3.452	-2.920	-2.105	-1.119	-0.066
1341	13.40	0.972	1.925	2.724	3.289	3.540	3.420	2.926	2.121	1.124	0.082
1351	13.50	-0.861	-1.590	-2.033	-2.160	-1.980	-1.543	-0.944	-0.311	0.206	0.480
1361	13.60	0.441	0.114	-0.388	-0.901	-1.271	-1.415	-1.354	-1.192	-1.067	-1.073
1371	13.70	-1.214	-1.398	-1.482	-1.338	-0.920	-0.280	0.451	1.131	1.668	2.048
1381	13.80	2.326	2.567	2.794	2.950	2.916	2.571	1.862	0.859	-0.252	-1.219
1391	13.90	-1.817	-1.930	-1.587	-0.950	-0.244	0.325	0.633	0.661	0.473	0.165
1401	14.00	-0.181	-0.523	-0.848	-1.147	-1.387	-1.511	-1.456	-1.194	-0.754	-0.235
1411	14.10	0.231	0.529	0.610	0.515	0.360	0.285	0.391	0.692	1.107	1.492
1421	14.20	1.695	1.621	1.259	0.685	0.023	-0.599	-1.085	-1.384	-1.481	-1.374
1431	14.30	-1.071	-0.586	0.035	0.699	1.273	1.616	1.629	1.305	0.749	0.143
1441	14.40	-0.314	-0.491	-0.377	-0.086	0.201	0.319	0.200	-0.096	-0.411	-0.573
1451	14.50	-0.487	-0.186	0.182	0.409	0.345	-0.037	-0.623	-1.207	-1.590	-1.671
1461	14.60	-1.486	-1.193	-0.971	-0.950	-1.136	-1.421	-1.643	-1.666	-1.450	-1.065
1471	14.70	-0.638	-0.291	-0.068	0.079	0.254	0.556	0.997	1.509	1.969	2.187
1481	14.80	2.172	1.972	1.745	1.670	1.858	2.288	2.806	3.181	3.203	2.769
1491	14.90	1.933	0.893	-0.084	-0.757	-0.993	-0.809	-0.352	0.156	0.501	0.548

Table 7-5-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1909 1315-GR-1-12 U-D (U-D) ONNETTO BRIDGE MAX. ACC. = -32.786 (GAL) T= 0.60 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	0.275	-0.231	-0.818	-1.326	-1.647	-1.751	-1.693	-1.572	-1.486	-1.485
1511	15.10	-1.553	-1.612	-1.568	-1.351	-0.958	-0.453	0.057	0.474	0.752	0.912
1521	15.20	1.028	1.175	1.375	1.576	1.662	1.514	1.074	0.395	-0.359	-0.968
1531	15.30	-1.234	-1.062	-0.499	0.291	1.083	1.681	1.973	1.945	1.663	1.214
1541	15.40	0.673	0.038	-0.511	-1.064	-1.485	-1.662	-1.510	-1.012	-0.258	0.574
1551	15.50	1.266	1.639	1.811	1.225	0.425	-0.004	-0.500	-0.771	-0.866	-0.651
1561	15.60	-0.380	-0.067	0.225	0.435	0.500	0.365	0.010	-0.528	-1.129	-1.612
1571	15.70	-1.783	-1.502	-0.746	0.367	1.605	2.696	3.408	3.630	3.396	2.866
1581	15.80	2.259	1.776	1.531	1.520	1.637	1.719	1.608	1.213	0.538	-0.315
1591	15.90	-1.178	-1.870	-2.248	-2.251	-1.916	-1.351	-0.699	-0.085	0.422	0.817
1601	16.00	1.141	1.434	1.701	1.893	1.925	1.725	1.278	0.654	0.000	-0.514
1611	16.10	-0.766	-0.736	-0.520	-0.291	-0.226	-0.426	-0.849	-1.418	-1.880	-2.088
1621	16.20	-1.973	-1.594	-1.105	-0.691	-0.488	-0.530	-0.742	-0.983	-1.101	-0.999
1631	16.30	-0.668	-0.177	0.355	0.811	1.112	1.232	1.195	1.055	0.874	0.702
1641	16.40	0.573	0.498	0.472	0.475	0.478	0.449	0.363	0.211	0.008	-0.213
1651	16.50	-0.407	-0.534	-0.573	-0.534	-0.453	-0.384	-0.382	-0.490	-0.727	-1.088
1661	16.60	-1.544	-2.049	-2.548	-2.983	-3.300	-3.451	-3.402	-3.140	-2.673	-2.033
1671	16.70	-1.272	-0.483	0.313	0.974	1.447	1.687	1.685	1.477	1.160	0.777
1681	16.80	0.490	0.351	0.381	0.568	0.776	0.978	1.085	1.066	0.935	0.733
1691	16.90	0.494	0.246	-0.017	-0.310	-0.635	-0.959	-1.214	-1.316	-1.204	-0.883
1701	17.00	-0.442	-0.041	0.139	-0.041	-0.613	-1.481	-2.441	-3.241	-3.668	-3.611
1711	17.10	-3.097	-2.266	-1.317	-0.432	0.284	0.817	1.226	1.584	1.925	2.216
1721	17.20	2.366	2.269	1.862	1.173	0.322	-0.509	-1.143	-1.469	-1.487	-1.296
1731	17.30	-1.054	-0.905	-0.926	-1.091	-1.293	-1.387	-1.260	-0.873	-0.286	0.369
1741	17.40	0.926	1.242	1.235	0.983	0.315	-0.410	-1.129	-1.710	-2.068	-2.080
1751	17.50	-1.819	-1.336	-0.764	-0.245	0.011	-0.019	-0.343	-0.682	-1.333	-1.625
1761	17.60	-1.580	-1.211	-0.598	0.067	0.584	0.813	0.711	0.339	-0.184	-0.727
1771	17.70	-1.194	-1.538	-1.747	-1.813	-1.713	-1.412	-0.887	-0.170	0.637	1.373
1781	17.80	1.871	2.020	1.819	1.385	0.912	0.598	0.565	0.810	1.215	1.596
1791	17.90	1.764	1.691	1.335	0.828	0.320	-0.056	-0.228	-0.189	0.010	0.292
1801	18.00	0.525	0.780	0.841	0.708	0.365	-0.147	-0.727	-1.222	-1.471	-1.364
1811	18.10	-0.809	-0.172	0.599	1.199	1.467	1.362	0.972	0.467	0.027	-0.225
1821	18.20	-0.252	-0.108	0.125	0.373	0.600	0.798	0.961	1.062	1.056	0.909
1831	18.30	0.660	0.341	0.158	0.225	0.590	1.168	1.752	2.097	2.030	1.544
1841	18.40	0.818	0.151	-0.175	-0.026	0.514	1.179	1.641	1.672	1.253	0.591
1851	18.50	0.012	-0.172	0.141	0.836	1.615	2.151	2.242	1.910	1.381	0.966
1861	18.60	0.905	1.243	1.819	2.346	2.563	2.367	1.861	1.297	0.950	0.980
1871	18.70	1.360	1.897	2.343	2.522	2.418	2.174	2.015	2.118	2.520	3.097
1881	18.80	3.621	3.897	3.766	3.556	2.845	2.474	2.420	2.734	3.288	3.929
1891	18.90	4.460	4.754	4.766	4.513	4.036	3.360	2.499	1.471	0.335	-0.799

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

INDEX NO. 1910 1315-GR-1-12 HB. (HB.) ONNETTO BRIDGE MAX. ACC. = 75.465 (GAL) T= 0.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-26.578	-42.796	-56.581	-64.015	-62.303	-50.543	-29.943	-3.514	24.573	49.750
11	0.10	67.785	75.466	71.212	55.585	31.497	3.999	-21.145	-38.096	-43.525	-37.378
21	0.20	-23.125	-6.642	5.910	10.419	6.417	-2.770	-11.510	-14.245	-7.993	6.355
31	0.30	24.375	39.967	47.880	45.756	34.003	18.913	2.688	-10.548	-19.830	-26.248
41	0.40	-31.574	-36.627	-40.367	-40.238	-33.634	-19.694	-0.423	19.550	34.604	40.433
51	0.50	35.937	23.774	9.258	-1.905	-6.013	-2.805	4.677	11.671	13.921	9.510
61	0.60	-0.491	-12.725	-23.129	-28.565	-27.756	-21.247	-10.630	2.372	16.403	30.345
71	0.70	42.798	51.693	54.486	49.025	34.736	13.464	-10.584	-31.954	-45.758	-49.395
81	0.80	-43.422	-31.170	-17.274	-5.802	1.167	5.942	4.495	5.089	6.985	9.868
91	0.90	12.191	12.189	8.958	3.023	-3.866	-9.570	-12.561	-12.440	-10.105	-6.946
101	1.00	-4.134	-2.042	-0.215	2.164	5.618	9.895	13.965	16.452	16.301	13.295
111	1.10	8.183	2.363	-2.686	-5.953	-7.160	-6.665	-5.115	-3.062	-0.730	1.951
121	1.20	5.127	8.740	12.362	15.216	16.390	15.147	11.221	5.007	-2.431	-9.541
131	1.30	-14.602	-16.383	-18.200	-8.603	-1.172	5.819	10.072	10.036	5.472	-2.411
141	1.40	-11.350	-10.815	-22.864	-22.752	-19.984	-12.905	-6.006	0.679	6.767	12.316
151	1.50	17.308	21.217	22.937	21.166	15.100	5.059	-7.273	-19.182	-27.741	-30.760
161	1.60	-27.507	-18.918	-7.239	4.690	14.245	19.661	20.233	16.519	9.926	2.456
171	1.70	-3.747	-6.911	-6.142	-1.802	4.446	10.058	12.453	10.029	2.926	-6.639
181	1.80	-16.025	-21.396	-21.037	-15.146	-5.937	3.354	9.887	12.407	11.631	9.652
191	1.90	8.676	9.753	12.147	13.704	12.028	5.877	-3.951	-14.719	-22.826	-25.345
201	2.00	-21.327	-12.198	-1.144	8.244	13.390	13.574	9.888	4.424	-0.806	-4.661
211	2.10	-7.038	-8.446	-9.346	-9.709	-9.070	-7.002	-3.700	-0.217	1.850	1.163
221	2.20	-2.506	-7.847	-12.333	-13.229	-8.860	0.475	12.399	23.277	29.608	29.387
231	2.30	22.823	12.124	0.479	-9.259	-15.581	-18.598	-19.552	-19.883	-20.369	-20.770
241	2.40	-20.115	-17.418	-12.394	-5.781	0.913	6.084	8.770	9.049	7.901	6.616
251	2.50	6.089	6.366	6.701	6.073	3.869	0.365	-3.292	-5.596	-5.444	-2.747
261	2.60	1.438	5.356	7.384	6.846	4.419	1.915	1.518	4.789	11.888	21.323
271	2.70	30.553	35.869	35.442	28.136	14.865	-1.818	-18.378	-31.202	-37.499	-35.986
281	2.80	-27.218	-13.480	1.738	14.596	21.892	21.920	14.948	3.123	-10.183	-21.410
291	2.90	-27.864	-28.448	-23.814	-15.921	-7.214	0.224	5.235	7.689	8.183	7.547
301	3.00	6.445	5.215	3.979	2.865	2.163	2.281	3.528	5.857	8.741	11.303
311	3.10	12.669	12.261	10.246	7.304	4.432	2.505	1.930	2.527	3.678	4.632
321	3.20	4.807	3.951	2.117	-0.476	-3.586	-6.999	-10.471	-13.648	-16.063	-17.251
331	3.30	-16.963	-15.348	-12.973	-10.629	-8.979	-8.222	-7.961	-7.372	-5.631	-2.390
341	3.40	1.927	6.194	9.025	9.396	7.173	3.273	-0.643	-2.827	-2.127	1.281
351	3.50	6.376	11.253	14.143	14.053	11.165	6.729	2.538	0.208	0.551	3.302
361	3.60	7.266	10.797	12.436	11.399	7.812	2.600	-2.877	-7.281	-9.696	-9.832
371	3.70	-8.026	-5.034	-1.814	0.865	2.408	2.709	1.896	0.311	-1.655	-3.680
381	3.80	-5.568	-7.230	-8.610	-9.597	-9.979	-9.470	-7.832	-5.033	-1.377	2.480
391	3.90	5.670	7.393	7.238	5.401	2.695	0.289	-0.736	0.155	2.669	5.745
401	4.00	7.955	8.105	5.797	1.695	-2.646	-5.348	-4.969	-1.026	5.567	12.951
411	4.10	18.868	21.459	19.885	14.543	6.856	-1.268	-8.072	-12.425	-14.031	-13.335
421	4.20	-11.244	-8.794	-6.881	-6.095	-6.646	-8.343	-10.632	-12.687	-13.600	-12.654
431	4.30	-9.604	-4.863	0.529	5.182	7.821	7.766	5.219	1.240	-2.623	-4.899
441	4.40	-4.727	-2.155	1.929	6.176	9.301	10.539	9.866	7.813	5.352	3.325
451	4.50	2.272	2.313	3.224	4.597	5.991	7.008	7.311	6.627	4.788	1.834
461	4.60	-1.893	-5.716	-8.743	-10.118	-9.346	-6.553	-2.535	1.443	4.065	4.447
471	4.70	2.483	-1.091	-4.966	-7.763	-8.584	-7.357	-4.849	-2.323	-0.981	-1.432
481	4.80	-3.427	-5.962	-7.729	-7.701	-5.596	-2.016	1.820	4.605	5.519	4.578
491	4.90	2.597	0.798	0.246	1.365	3.765	6.440	8.233	8.356	6.710	3.896

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

INDEX NO. 1910 1315-GR-1-12 HB. (HB.) ONNETTO BRIDGE MAX. ACC. = 75.465 (GAL) T= 0.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.919	-1.248	-2.046	-1.485	-0.063	1.496	2.529	2.629	1.704	-0.072
511	5.10	-2.344	-4.440	-6.403	-7.078	-6.225	-3.740	0.099	4.148	7.491	8.932
521	5.20	7.891	4.614	0.152	-3.999	-6.480	-6.610	-4.652	-1.656	1.035	2.392
531	5.30	2.124	0.733	-0.815	-1.617	-1.288	-0.111	1.472	1.784	1.369	0.122
541	5.40	-1.328	-2.316	-2.530	-2.190	-1.914	-2.345	-3.760	-5.864	-7.906	-9.045
551	5.50	-8.774	-7.173	-4.855	-2.636	-1.104	-0.323	0.178	1.120	3.046	5.976
561	5.60	9.321	12.106	13.384	12.643	10.017	6.221	2.256	-0.967	-2.904	-3.469
571	5.70	-2.930	-1.704	-0.165	1.456	3.062	4.619	6.082	7.354	8.296	8.744
581	5.80	8.523	7.457	5.394	2.275	-1.768	-6.325	-10.701	-14.038	-15.561	-14.853
591	5.90	-12.065	-7.930	-3.557	-0.074	1.753	1.784	0.409	-1.468	-2.990	-3.583
601	6.00	-3.163	-2.108	-1.057	-0.626	-1.157	-2.584	-4.456	-6.062	-6.644	-5.608
611	6.10	-2.719	1.796	7.225	12.499	16.431	18.041	16.879	13.215	8.009	2.642
621	6.20	-1.523	-3.588	-3.399	-1.539	0.962	3.080	4.203	4.314	3.879	3.511
631	6.30	3.578	3.971	4.136	3.371	1.221	-2.215	-6.238	-9.801	-11.930	-12.136
641	6.40	-10.618	-8.167	-5.822	-4.438	-4.366	-5.349	-6.715	-7.674	-7.656	-6.485
651	6.50	-4.405	-1.903	0.460	2.314	3.359	3.548	2.958	1.763	0.340	-0.934
661	6.60	-1.544	-1.087	0.674	3.478	6.753	9.675	11.459	11.667	10.379	8.167
671	6.70	5.851	4.151	3.393	3.397	3.617	3.450	2.568	1.100	-0.635	-1.404
681	6.80	-1.417	-0.582	0.501	1.004	0.287	-1.752	-4.550	-7.085	-8.316	-7.670
691	6.90	-5.337	-2.235	0.364	1.378	0.379	-2.203	-5.288	-7.607	-8.245	-7.009
701	7.00	-4.474	-1.685	0.308	0.879	0.036	-1.681	-3.490	-4.740	-5.131	-4.741
711	7.10	-3.866	-2.801	-1.694	-0.552	0.465	1.812	2.723	3.121	2.905	2.280
721	7.20	1.750	1.906	3.102	5.199	7.512	9.067	9.015	7.225	4.175	1.072
731	7.30	-0.807	-0.684	1.305	4.130	6.317	6.641	4.738	1.320	-2.129	-4.037
741	7.40	-3.498	-0.725	3.010	5.948	6.631	4.551	0.355	-4.486	-8.356	-10.199
751	7.50	-9.906	-8.239	-6.353	-5.201	-5.111	-5.733	-6.343	-6.301	-5.391	-3.883
761	7.60	-2.290	-1.004	-0.033	0.993	2.539	4.789	7.396	9.536	10.278	9.085
771	7.70	6.160	2.475	-0.603	-1.906	-0.996	1.622	4.721	6.899	7.187	5.447
781	7.80	2.387	-0.887	-3.252	-4.103	-3.503	-1.997	-0.277	1.137	2.035	2.441
791	7.90	2.410	1.866	0.602	-1.548	-4.487	-7.717	-10.433	-11.805	-11.341	-9.155
801	8.00	-5.856	-2.471	0.167	1.662	2.187	2.301	2.593	3.335	4.337	5.076
811	8.10	5.026	3.995	2.288	0.593	-0.354	-0.159	1.011	2.480	3.392	3.136
821	8.20	1.675	-0.405	-2.142	-2.640	-1.486	1.039	4.061	6.466	7.350	6.569
831	8.30	3.855	0.664	-2.164	-3.775	-3.779	-2.341	-0.084	2.123	3.437	3.268
841	8.40	1.432	-1.791	-5.213	-9.384	-11.826	-12.307	-10.567	-6.950	-2.346	2.045
851	8.50	5.078	6.035	4.809	2.031	-1.267	-3.974	-5.287	-4.957	-3.300	-1.001
861	8.60	1.201	2.796	3.641	3.911	3.915	3.880	3.332	3.610	3.016	1.995
871	8.70	0.738	-0.349	-0.817	-0.399	0.838	2.479	3.920	4.234	4.394	4.390
881	8.80	2.035	0.917	0.333	0.217	0.149	-0.441	-1.972	-4.472	-7.499	-10.379
891	8.90	-11.982	-12.033	-10.307	-7.148	-3.219	0.731	4.081	6.441	7.652	7.709
901	9.00	6.706	4.823	2.362	-0.215	-2.330	-3.419	-3.123	-1.457	1.166	3.951
911	9.10	6.174	7.261	7.075	5.904	4.300	2.818	1.600	1.285	1.077	0.925
921	9.20	0.690	0.416	0.271	0.404	0.806	1.271	1.471	1.114	0.097	-1.447
931	9.30	-3.210	-4.860	-6.185	-7.155	-7.870	-8.434	-8.846	-8.961	-8.542	-7.494
941	9.40	-5.775	-3.624	-1.384	0.620	2.199	3.331	4.092	4.548	4.668	4.347
951	9.50	3.509	2.245	0.869	-0.155	-0.403	0.283	1.670	3.191	4.183	4.194
961	9.60	3.222	1.735	0.474	0.104	0.892	2.572	4.453	5.727	5.823	4.641
971	9.70	2.565	0.268	-1.590	-2.615	-2.776	-2.337	-1.674	-1.104	-0.790	-0.753
981	9.80	-0.943	-1.305	-1.784	-2.295	-2.684	-2.760	-2.383	-1.574	-0.572	0.229
991	9.90	0.461	-0.010	-0.957	-1.846	-2.070	-1.271	0.420	2.356	3.622	3.446

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

INDEX NO. 1910 1315-GR-1-12 HB. (HB.) ONNETTO BRIDGE MAX. ACC. = 75.465 (GAL) T= 0.12 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	1.607	-1.377	-4.392	-6.160	-5.775	-3.127	1.006	5.227	8.058	8.507
1011	10.10	6.441	2.622	-1.604	-4.618	-6.030	-4.987	-2.191	1.339	4.449	6.232
1021	10.20	6.262	4.653	1.951	-1.086	-3.706	-5.369	-5.733	-4.872	-3.020	-0.586
1031	10.30	1.956	4.152	5.641	6.206	5.810	4.606	2.916	1.161	-0.241	-1.007
1041	10.40	-1.098	-0.756	-0.455	-0.720	-1.920	-4.069	-6.749	-9.208	-10.613	-10.366
1051	10.50	-8.362	-5.073	-1.391	1.690	3.455	3.677	2.751	1.405	0.405	0.228
1061	10.60	0.885	1.976	2.917	3.233	2.776	1.772	0.691	0.021	0.060	0.806
1071	10.70	1.993	3.231	4.157	4.556	4.383	3.731	2.769	1.694	0.705	-0.014
1081	10.80	-0.327	-0.196	0.267	0.788	1.003	0.586	-0.586	-2.337	-4.200	-5.563
1091	10.90	-5.897	-4.972	-2.965	-0.420	1.933	3.523	3.959	3.320	2.000	0.564
1101	11.00	-0.458	-0.737	-0.211	0.922	2.298	3.499	4.163	4.079	3.240	1.864
1111	11.10	0.352	-0.816	-1.238	-0.745	0.486	1.944	2.922	2.761	1.103	-1.945
1121	11.20	-5.806	-9.610	-12.478	-13.800	-13.417	-11.614	-8.968	-6.116	-3.553	-1.534
1131	11.30	-0.095	0.837	1.337	1.428	1.116	0.461	-0.360	-1.061	-1.335	-0.981
1141	11.40	-0.011	1.330	2.656	3.598	3.961	3.809	3.424	3.170	3.317	3.908
1151	11.50	4.742	5.463	5.730	5.366	4.437	3.212	2.034	1.169	0.700	0.520
1161	11.60	0.417	0.196	-0.212	-0.734	-1.220	-1.547	-1.725	-1.901	-2.293	-3.048
1171	11.70	-4.127	-5.261	-6.054	-6.128	-5.325	-3.815	-2.039	-0.541	0.269	0.290
1181	11.80	-0.226	-0.809	-1.009	-0.623	0.198	1.028	1.398	1.060	0.155	-0.825
1191	11.90	-1.252	-0.676	0.919	3.063	4.976	5.899	5.443	3.771	1.542	-0.378
1201	12.00	-1.286	-0.941	0.356	1.924	3.025	3.185	2.380	1.003	-0.360	-1.201
1211	12.10	-1.302	-0.781	0.029	0.779	1.278	1.551	1.769	2.100	2.580	3.073
1221	12.20	3.349	3.222	2.673	1.895	1.215	0.951	1.263	2.077	3.115	6.013
1231	12.30	4.462	4.311	3.586	2.442	1.069	-0.378	-1.806	-3.158	-4.374	-5.364
1241	12.40	-6.024	-6.285	-6.155	-5.742	-5.220	-4.744	-4.475	-4.345	-4.267	-4.096
1251	12.50	-3.721	-3.114	-2.332	-1.484	-0.665	0.084	0.787	1.507	2.292	3.142
1261	12.60	3.997	4.764	5.357	5.741	5.932	5.957	5.959	5.871	5.702	5.407
1271	12.70	4.951	4.341	3.632	2.906	2.237	1.651	1.110	0.537	-0.148	-0.978
1281	12.80	-1.912	-2.841	-3.629	-4.168	-4.428	-4.470	-4.419	-4.411	-4.532	-4.784
1291	12.90	-5.089	-5.330	-5.413	-5.312	-5.074	-4.790	-4.533	-4.303	-4.016	-3.530
1301	13.00	-2.757	-1.656	-0.349	0.954	2.030	2.746	3.117	3.302	3.511	3.876
1311	13.10	4.361	4.741	4.696	3.971	2.532	0.636	-1.226	-2.505	-2.812	-2.082
1321	13.20	-0.606	1.090	2.452	3.120	3.041	2.445	1.695	1.096	0.758	0.570
1331	13.30	0.308	-0.212	-0.995	-1.826	-2.357	-2.258	-1.378	0.170	2.029	3.717
1341	13.40	4.781	4.928	4.091	2.427	0.253	-2.030	-4.024	-5.401	-5.978	-5.746
1351	13.50	-4.911	-3.824	-2.895	-2.437	-2.562	-3.020	-3.469	-3.441	-2.650	-1.133
1361	13.60	0.725	2.331	3.118	2.790	1.450	-0.430	-2.196	-3.261	-3.307	-2.355
1371	13.70	-0.697	1.261	3.150	4.722	5.843	6.437	6.447	5.847	4.713	3.277
1381	13.80	1.929	1.102	1.099	1.933	3.277	4.565	5.226	4.927	3.726	2.036
1391	13.90	0.425	-0.654	-1.066	-1.017	-0.931	-1.176	-1.865	-2.793	-3.549	-3.755
1401	14.00	-3.283	-2.344	-1.396	-0.912	-1.168	-2.098	-3.351	-4.474	-5.129	-5.240
1411	14.10	-4.979	-4.636	-4.431	-4.403	-4.610	-4.210	-3.665	-2.716	-1.588	-0.691
1421	14.20	0.409	1.089	1.647	2.217	2.857	3.496	4.131	3.961	3.961	3.806
1431	14.30	3.326	3.353	3.761	4.408	4.985	5.172	4.794	3.922	2.849	1.959
1441	14.40	1.547	1.688	2.197	2.714	2.847	2.334	1.128	-0.592	-2.496	-4.209
1451	14.50	-5.420	-5.963	-5.849	-5.258	-4.487	-3.867	-3.657	-3.942	-4.591	-5.279
1461	14.60	-5.608	-5.273	-4.215	-2.682	-1.149	-0.127	0.067	-0.528	-1.507	-2.262
1471	14.70	-2.245	-1.210	0.676	2.912	4.888	6.156	6.604	6.461	6.142	6.006
1481	14.80	6.165	6.441	6.475	5.936	4.724	3.031	1.287	-0.038	-0.638	-0.504
1491	14.90	0.079	0.648	0.742	0.058	-1.463	-3.641	-6.124	-8.485	-10.317	-11.309

Table 7-6-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1910 1315-GR-1-12 HB. (HB.) ONNETTO BRIDGE MAX. ACC. = 75.465 (GAL) T= 0.12 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1501	15.00	-11.316	-10.396	-8.818	-7.010	-5.439	-4.459	-4.174	-4.381	-4.644	-4.470
1511	15.10	-3.536	-1.844	0.261	2.234	3.567	4.019	3.717	3.085	2.628	2.689
1521	15.20	3.295	4.170	4.914	5.233	5.115	4.837	4.809	5.326	6.365	7.551
1531	15.30	8.297	8.078	6.698	4.404	1.803	-0.396	-1.681	-1.968	-1.500	-0.888
1541	15.40	-0.609	-0.886	-1.586	-2.331	-2.736	-2.637	-2.200	-1.847	-2.032	-2.986
1551	15.50	-4.584	-6.257	-7.400	-7.468	-6.217	-5.020	-3.312	-1.048	2.567	3.048
1561	15.60	2.659	1.814	0.966	0.435	0.329	0.575	1.025	1.563	2.153	2.814
1571	15.70	3.550	4.297	4.923	5.287	5.323	5.096	4.773	4.533	4.447	4.408
1581	15.80	4.160	3.424	2.070	0.239	-1.656	-3.061	-3.526	-2.893	-1.399	0.414
1591	15.90	1.915	2.651	2.524	1.823	1.052	0.701	1.012	1.877	2.903	3.598
1601	16.00	3.589	2.770	1.323	-0.382	-1.941	-3.051	-3.577	-3.536	-3.046	-2.278
1611	16.10	-1.433	-0.744	-0.460	-0.789	-1.801	-3.347	-5.034	-6.317	-6.677	-5.839
1621	16.20	-3.911	-1.381	1.049	2.725	3.292	2.817	1.733	0.625	-0.023	-0.019
1631	16.30	0.502	1.205	1.754	1.996	2.020	2.085	2.452	3.227	4.293	5.366
1641	16.40	6.161	6.434	6.265	5.813	5.297	4.860	4.393	3.766	2.739	1.206
1651	16.50	-0.743	-2.831	-4.695	-6.032	-6.711	-6.807	-6.554	-6.232	-6.061	-6.131
1661	16.60	-6.405	-6.764	-7.063	-7.189	-7.077	-6.717	-6.151	-5.461	-4.761	-4.167
1671	16.70	-3.749	-3.483	-3.227	-2.763	-1.794	-0.255	1.781	3.990	5.904	7.076
1681	16.80	7.273	6.588	5.420	4.316	3.743	3.886	4.569	5.344	5.707	5.336
1691	16.90	4.255	2.820	1.561	0.929	1.088	1.829	2.663	3.031	2.542	1.133
1701	17.00	-0.925	-3.152	-5.057	-6.313	-6.838	-6.767	-6.340	-5.765	-5.244	-4.765
1711	17.10	-4.348	-4.004	-3.772	-3.707	-3.828	-4.092	-4.386	-4.577	-4.560	-4.301
1721	17.20	-3.827	-3.187	-2.399	-1.426	-0.206	1.283	2.957	4.600	5.913	6.627
1731	17.30	6.617	5.972	4.974	3.985	3.297	3.014	3.022	3.071	2.920	2.870
1741	17.40	1.828	1.249	1.003	1.208	1.747	2.283	2.398	1.773	0.318	-1.533
1751	17.50	-5.700	-5.328	-6.120	-5.923	-4.916	-3.445	-1.930	-0.713	0.020	0.253
1761	17.60	0.090	-0.318	-0.823	-1.312	-1.697	-1.911	-1.905	-1.661	-1.218	-0.675
1771	17.70	-0.182	0.100	0.094	-0.245	-0.824	-1.482	-2.030	-2.307	-2.218	-1.759
1781	17.80	-1.007	-0.100	0.796	1.515	1.923	1.966	1.590	0.948	0.186	-0.493
1791	17.90	-0.905	-0.934	-0.572	0.084	0.858	1.554	2.011	2.151	1.985	1.599
1801	18.00	1.119	0.673	0.363	0.262	0.312	0.515	0.749	0.878	0.772	0.368
1811	18.10	-0.381	-1.284	-2.120	-2.634	-2.581	-1.878	-0.633	0.871	2.255	3.168
1821	18.20	3.405	2.971	2.067	1.000	0.072	-0.530	-0.777	-0.775	-0.690	-0.666
1831	18.30	-0.763	-0.960	-1.187	-1.383	-1.534	-1.667	-1.823	-1.999	-2.132	-2.107
1841	18.40	-1.809	-1.194	-0.328	0.618	1.421	1.900	1.987	1.761	1.422	1.210
1851	18.50	1.310	1.778	2.524	3.348	4.019	4.361	4.315	3.944	3.416	2.927
1861	18.60	2.643	2.665	2.914	3.336	3.740	3.967	3.819	3.304	2.656	1.427
1871	18.70	0.431	-0.316	-0.668	-0.606	-0.240	0.206	0.427	0.227	-0.009	-0.689
1881	18.80	-1.364	-1.775	-1.746	-1.283	-0.563	0.135	0.566	0.638	0.474	0.376
1891	18.90	0.699	1.680	3.301	5.253	7.012	8.021	7.895	6.578	4.368	1.816

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

INDEX NO. 1916 306-GR-1-15 HA. (HA.) MYOUKEN BRIDGE MAX. ACC. = -101.019 (GAL) T= 5.55 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	1.648	2.665	3.416	3.775	3.738	3.405	2.931	2.459	2.077	1.800
11	0.10	1.583	1.359	1.067	0.683	0.227	-0.245	-0.652	-0.911	-0.951	-0.738
21	0.20	-0.282	0.352	1.062	1.720	2.209	2.463	2.388	2.059	1.516	0.853
31	0.30	0.179	-0.384	-0.724	-0.758	-0.462	0.101	0.781	1.369	1.662	1.544
41	0.40	1.042	0.335	-0.308	-0.629	-0.492	0.053	0.791	1.433	1.754	1.697
51	0.50	1.407	1.157	1.215	1.698	2.490	3.268	3.624	3.239	2.025	0.178
61	0.60	-1.884	-3.665	-4.767	-5.012	-4.481	-3.448	-2.257	-1.195	-0.406	0.121
71	0.70	0.495	0.864	1.228	1.610	1.867	1.850	1.455	0.690	-0.312	-1.325
81	0.80	-2.098	-2.150	-2.340	-1.884	-1.319	-0.906	-0.821	-1.076	-1.508	-1.864
91	0.90	-1.829	-1.342	-0.470	0.517	1.283	1.575	1.341	0.766	0.187	-0.052
101	1.00	0.230	0.970	1.881	2.579	2.751	2.290	1.331	0.179	-0.835	-1.493
111	1.10	-1.757	-1.747	-1.644	-1.568	-1.520	-1.391	-1.051	-0.453	0.303	0.984
121	1.20	1.311	1.082	0.270	-0.953	-2.276	-3.361	-3.957	-3.982	-3.520	-2.766
131	1.30	-1.946	-1.237	-0.733	-0.444	-0.330	-0.337	-0.423	-0.562	-0.743	-0.951
141	1.40	-1.155	-1.302	-1.309	-1.078	-0.516	0.430	1.732	3.252	4.746	5.909
151	1.50	6.457	6.250	5.255	3.756	2.088	0.609	-0.442	-1.036	-1.339	-1.627
161	1.60	-2.137	-2.944	-3.909	-4.729	-5.062	-4.687	-3.604	-2.053	-0.424	0.882
171	1.70	1.596	1.656	1.189	0.427	-0.405	-1.165	-1.805	-2.322	-2.687	-2.801
181	1.80	-2.513	-1.707	-0.395	1.212	2.726	3.698	3.786	2.913	1.339	-0.400
191	1.90	-1.666	-1.950	-1.044	0.784	3.061	5.109	6.379	6.620	5.938	4.711
201	2.00	3.407	2.389	1.781	1.468	1.201	0.756	0.060	-0.755	-1.446	-1.794
211	2.10	-1.738	-1.443	-1.233	-1.446	-2.252	-3.559	-5.007	-6.113	-6.465	-5.906
221	2.20	-4.586	-2.911	-1.363	-0.293	0.508	0.336	0.587	1.179	1.778	1.998
231	2.30	2.766	3.193	3.131	2.653	2.019	1.545	1.446	1.727	2.196	2.551
241	2.40	2.542	2.099	1.362	0.616	0.147	0.102	0.423	0.876	1.177	1.123
251	2.50	0.692	0.044	-0.567	-0.919	-0.930	-0.699	-0.448	-0.424	-0.783	-1.525
261	2.60	-2.509	-3.510	-4.320	-4.811	-4.968	-4.861	-4.599	-4.282	-3.970	-3.679
271	2.70	-3.391	-3.063	-2.628	-2.006	-1.113	0.112	1.666	3.453	5.283	6.906
281	2.80	8.075	8.618	8.483	7.751	6.596	5.225	3.813	2.478	1.267	0.188
291	2.90	-0.762	-1.576	-2.233	-2.699	-2.942	-2.942	-2.695	-2.227	-1.616	-0.999
301	3.00	-0.578	-0.569	-1.138	-2.305	-3.884	-5.469	-6.621	-6.633	-5.890	-3.879
311	3.10	-1.207	1.535	3.763	5.098	5.470	5.096	4.367	3.572	2.958	2.492
321	3.20	2.023	1.389	0.529	-0.467	-1.392	-2.019	-2.193	-1.882	-1.166	-0.186
331	3.30	0.909	1.980	2.886	3.465	3.541	2.988	1.810	0.211	-1.420	-2.618
341	3.40	-3.026	-2.552	-1.450	-0.223	0.570	0.570	-0.210	-1.326	-2.369	-2.643
351	3.50	-2.005	-0.676	0.806	1.829	1.991	1.286	0.099	-0.984	-1.450	-1.091
361	3.60	-0.089	1.087	1.906	2.020	1.405	0.349	-0.595	-1.320	-1.329	-0.789
371	3.70	0.029	0.792	1.246	1.290	0.984	0.482	-0.069	-0.487	-0.774	-0.902
381	3.80	-0.882	-0.730	-0.462	-0.103	0.305	0.717	1.088	1.392	1.615	1.743
391	3.90	1.753	1.607	1.276	0.761	0.114	-0.565	-1.161	-1.593	-1.841	-1.949
401	4.00	-1.985	-1.990	-1.936	-1.738	-1.306	-0.630	0.172	0.858	1.169	0.860
411	4.10	0.011	-1.139	-2.163	-2.632	-2.299	-1.218	0.255	1.604	2.358	2.293
421	4.20	1.519	0.425	-0.496	-0.871	-0.605	0.084	0.775	1.043	0.651	-0.342
431	4.30	-1.613	-2.715	-3.261	-3.078	-2.246	-1.038	0.213	1.244	1.942	2.328
441	4.40	2.491	2.503	2.371	2.051	1.504	0.764	-0.040	-0.717	-1.094	-1.103
451	4.50	-0.821	-0.446	-0.211	-0.287	-0.702	-1.340	-1.991	-2.465	-2.570	-2.350
461	4.60	-1.868	-1.251	-0.621	-0.068	0.345	0.565	0.541	0.265	-0.288	-0.938
471	4.70	-1.500	-1.748	-1.522	-0.799	0.284	1.483	2.554	3.356	3.902	4.327
481	4.80	4.788	5.353	5.936	6.326	6.290	5.699	4.604	3.221	1.824	0.606
491	4.90	-0.404	-1.339	-2.382	-3.616	-4.935	-6.050	-6.633	-6.494	-5.728	-4.712

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

INDEX NO. 1916 306-GR-1-15 HA. (HA.) MYOUKEN BRIDGE MAX. ACC. = -101.019 (GAL) T= 5.55 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-3.953	-3.839	-4.415	-5.305	-5.827	-5.274	-3.238	0.173	4.325	8.269
511	5.10	11.093	12.253	11.758	10.125	8.130	6.481	5.539	5.212	5.057	4.520
521	5.20	3.209	1.062	-1.645	-4.464	-7.011	-9.150	-11.029	-12.926	-14.974	-16.898
531	5.30	-17.907	-16.851	-12.617	-4.635	8.704	19.942	32.860	43.027	48.774	49.619
541	5.40	44.558	41.993	37.412	35.454	36.028	37.646	37.604	32.302	19.782	0.574
551	5.50	-26.652	-55.009	-79.822	-96.287	-101.019	-93.249	-75.075	-50.894	-26.161	-5.841
561	5.60	6.939	11.614	10.018	5.411	1.041	-1.185	-1.382	-1.418	-3.797	10.162
571	5.70	-20.134	-31.057	-38.870	-39.796	-32.121	-17.213	0.759	16.406	25.329	26.039
581	5.80	20.599	13.713	10.565	14.397	24.932	38.392	49.142	52.222	45.589	31.056
591	5.90	13.490	-1.332	-9.204	-9.167	-3.662	2.846	6.025	3.582	-3.946	13.796
601	6.00	-22.554	-27.831	-29.231	-28.173	-26.776	-24.469	-27.086	-26.920	-23.665	15.769
611	6.10	-3.469	10.966	23.930	31.753	32.005	24.313	10.430	-6.354	-22.154	33.432
621	6.20	-37.697	-33.901	-22.555	-5.629	13.778	32.012	45.652	52.351	51.458	44.135
631	6.30	32.867	20.495	9.190	-0.187	-8.004	-15.110	-21.817	-27.180	-29.059	25.042
641	6.40	-13.845	3.505	23.385	40.490	49.694	48.108	36.399	18.753	1.355	9.995
651	6.50	-12.152	-5.829	4.810	13.976	16.725	11.024	-1.464	-16.186	-27.579	31.604
661	6.60	-27.163	-16.621	-4.483	4.417	7.057	3.400	-3.713	-9.895	-11.164	5.672
671	6.70	5.513	18.850	29.785	34.576	31.711	22.367	9.759	-2.271	-10.789	14.774
681	6.80	-15.208	-18.282	-14.187	-15.804	-18.634	-20.739	-19.899	-14.678	-5.162	6.978
691	6.90	19.082	28.477	33.378	33.375	29.358	23.016	16.175	10.270	6.114	3.940
701	7.00	3.597	4.736	6.902	9.548	12.043	13.747	14.145	12.974	10.258	6.226
711	7.10	1.163	-4.699	-11.158	-17.888	-24.265	-29.343	-32.065	-31.695	-28.267	22.785
721	7.20	-17.002	-12.786	-11.321	-12.542	-15.097	-16.940	-16.301	-12.579	-6.705	0.751
731	7.30	3.054	3.450	0.817	-2.952	-5.369	-4.630	-0.612	4.923	9.073	9.159
741	7.40	4.071	-0.089	-5.269	-12.927	-25.367	-22.044	-14.775	-4.152	7.733	1.550
751	7.50	-6.152	-13.480	-20.461	-24.383	-23.278	-19.809	-13.843	-8.502	-5.621	5.786
761	7.60	-8.249	-11.409	-13.522	-13.374	-10.640	-5.865	-0.172	5.145	8.969	10.582
771	7.70	9.756	6.744	2.233	-2.763	-7.070	-9.583	-9.521	-6.640	-1.306	5.595
781	7.80	12.910	19.537	24.700	28.091	29.829	30.288	29.865	28.787	27.036	24.397
791	7.90	20.615	15.592	9.543	3.053	-3.002	-7.662	-10.173	-10.257	-8.268	5.153
801	8.00	-2.194	-0.597	-1.084	-3.515	-7.077	-10.379	-12.036	-11.143	-7.588	2.049
811	8.10	4.313	10.315	15.165	18.655	21.067	22.882	24.446	25.783	26.632	26.461
821	8.20	25.724	23.997	21.901	19.840	18.038	16.211	13.891	10.647	6.473	1.991
831	8.30	-1.655	-3.205	-1.842	2.354	8.272	14.059	17.718	17.811	13.963	6.987
841	8.40	-1.415	-9.244	-14.849	-17.394	-16.993	-14.511	-11.151	-8.003	-5.721	4.419
851	8.50	-3.784	-3.319	-2.615	-1.543	-0.311	0.619	0.727	-0.345	-2.613	5.667
861	8.60	-8.851	-11.290	-12.373	-11.913	-10.284	-8.333	-7.098	-7.423	-9.607	13.243
871	8.70	-17.326	-20.583	-21.968	-21.016	-18.124	-14.210	-10.518	-8.024	-7.068	7.266
881	8.80	-7.669	-7.259	-5.419	-2.258	1.373	4.190	4.995	5.178	4.995	6.444
891	8.90	-11.643	-15.176	-16.225	-14.828	-11.791	-8.313	-5.501	-3.961	-3.643	3.976
901	9.00	-4.210	-3.805	-2.676	-1.200	-0.001	0.388	-0.195	-1.447	-2.730	3.355
911	9.10	-2.901	-1.397	0.693	2.681	3.955	4.238	3.681	2.774	2.107	2.102
921	9.20	2.842	4.045	5.206	5.828	5.636	4.891	3.357	2.140	1.468	1.512
931	9.30	2.104	2.813	3.112	2.619	1.271	-0.613	-2.427	-3.495	-3.344	1.901
941	9.40	0.452	3.010	5.015	5.957	5.785	4.918	4.083	3.889	4.730	6.433
951	9.50	8.421	9.964	10.514	9.962	8.685	7.373	6.702	7.025	8.202	9.671
961	9.60	10.705	10.734	9.595	7.579	5.298	3.415	2.384	2.315	2.990	4.010
971	9.70	4.982	5.656	5.965	5.980	5.825	5.613	5.422	5.301	5.289	5.404
981	9.80	5.607	5.777	5.722	5.240	4.204	2.630	0.690	-1.363	-3.292	-4.967
991	9.90	-6.388	-7.497	-8.269	-8.424	-7.573	-5.367	-1.737	2.926	7.750	11.588

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

INDEX NO. 1916 306-GR-1-15 HA. (HA.) HYOUKEN BRIDGE MAX. ACC. = -101.019 (GAL) T= 5.55 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	13.388	12.586	9.352	4.568	-0.663	-4.480	-6.689	-6.997	-5.956	-4.448
1011	10.10	-3.288	-2.888	-3.152	-3.607	-3.709	-3.153	-2.063	-0.959	-0.548	-1.416
1021	10.20	-3.774	-7.351	-11.464	-15.243	-17.085	-18.878	-18.103	-15.815	-12.520	-8.833
1031	10.30	-5.332	-2.464	-0.502	0.463	0.503	-0.178	-1.286	-2.493	-3.502	-4.104
1041	10.40	-4.222	-3.920	-3.376	-2.814	-2.440	-2.379	-2.641	-3.136	-3.701	-4.154
1051	10.50	-4.341	-4.158	-3.571	-2.611	-1.377	-0.024	1.246	2.207	2.653	2.446
1061	10.60	1.561	0.026	-1.931	-4.121	-6.352	-8.481	-10.398	-11.969	-12.985	-13.139
1071	10.70	-12.090	-9.592	-5.655	-0.646	4.718	9.537	12.984	14.579	14.356	12.638
1081	10.80	10.833	9.121	8.172	8.009	8.281	8.501	8.328	7.768	7.181	7.104
1091	10.90	7.974	9.889	12.520	15.231	17.325	18.316	18.093	16.902	15.170	13.272
1101	11.00	11.353	9.298	6.857	3.846	0.321	-3.366	-6.676	-9.075	-10.250	-10.220
1111	11.10	-9.309	-8.003	-6.749	-5.805	-5.202	-4.616	-4.507	-4.245	-4.157	-4.469
1121	11.20	-5.370	-6.875	-8.738	-10.488	-11.560	-11.485	-10.075	-7.506	-4.283	-1.087
1131	11.30	1.448	2.939	3.363	3.039	2.475	2.152	2.320	2.895	3.496	3.608
1141	11.40	2.803	0.933	-1.787	-4.835	-7.552	-9.349	-9.871	-9.072	-7.173	-4.559
1151	11.50	-1.656	1.151	3.556	5.330	6.326	6.498	5.922	4.812	3.472	2.303
1161	11.60	1.189	0.420	-0.304	-1.256	-2.621	-4.355	-6.145	-7.509	-7.992	-7.370
1171	11.70	-5.752	-3.532	-1.211	0.824	2.443	3.763	4.983	6.175	7.140	7.445
1181	11.80	6.622	4.456	1.195	-2.455	-5.557	-7.331	-7.509	-6.486	-5.171	-4.590
1191	11.90	-5.417	-7.634	-10.501	-12.833	-13.490	-11.856	-8.092	-3.078	1.937	5.819
1201	12.00	7.953	8.421	7.890	7.297	7.463	8.800	11.201	14.133	16.854	18.654
1211	12.10	19.047	17.845	15.143	11.249	6.596	1.674	-3.017	-7.010	-9.915	-11.463
1221	12.20	-11.557	-10.282	-7.892	-4.747	-1.234	2.322	5.702	8.804	11.593	14.029
1231	12.30	15.990	17.247	17.489	16.422	13.896	10.016	5.177	0.014	-4.755	-8.513
1241	12.40	-10.905	-11.907	-11.775	-10.910	-9.689	-8.353	-6.980	-5.557	-4.082	-2.667
1251	12.50	-1.429	-0.606	-0.229	-0.137	0.029	0.701	2.194	4.564	7.439	10.308
1261	12.60	12.508	13.548	13.253	11.796	9.600	7.163	4.806	2.968	1.397	0.026
1271	12.70	-1.331	-2.813	-4.476	-6.288	-8.149	-9.901	-11.348	-12.288	-12.565	-12.161
1281	12.80	-11.152	-9.912	-8.838	-8.309	-8.513	-9.351	-10.454	-11.324	-11.535	-10.930
1291	12.90	-9.695	-8.297	-7.292	-7.093	-7.795	-9.138	-10.615	-11.671	-11.905	-11.189
1301	13.00	-9.673	-7.666	-5.495	-3.369	-1.339	0.665	2.746	4.961	7.167	9.231
1311	13.10	10.880	11.881	12.087	11.477	10.157	8.332	6.240	4.198	2.356	0.867
1321	13.20	-0.214	-0.889	-1.174	-1.058	-0.486	0.623	2.322	4.559	7.136	9.706
1331	13.30	11.849	13.169	13.515	12.867	11.530	9.959	8.636	7.921	7.961	8.653
1341	13.40	9.698	10.688	11.210	10.931	9.642	7.279	3.912	-0.257	-4.922	-9.696
1351	13.50	-14.164	-17.942	-20.745	-22.427	-22.999	-22.596	-21.412	-19.640	-17.414	-14.805
1361	13.60	-11.847	-8.569	-5.143	-1.701	1.488	4.185	6.227	7.588	8.376	8.790
1371	13.70	9.026	9.188	9.236	9.002	8.271	6.859	4.921	2.581	0.288	-1.513
1381	13.80	-2.496	-2.560	-1.853	-0.700	0.540	1.611	2.426	3.053	3.609	4.148
1391	13.90	4.589	4.742	4.404	3.493	2.124	0.601	-0.694	-1.459	-1.596	-1.249
1401	14.00	-0.719	-0.322	-0.242	-0.460	-0.789	-0.996	-0.935	-0.623	-0.229	0.018
1411	14.10	-0.059	-0.517	-1.298	-2.291	-3.436	-4.739	-6.241	-7.925	-9.621	-10.995
1421	14.20	-11.637	-11.226	-9.705	-7.362	-4.772	-2.604	-1.368	-1.211	-1.856	-2.709
1431	14.30	-3.092	-2.510	-0.835	1.661	4.418	6.808	8.368	8.867	8.435	7.474
1441	14.40	6.417	5.662	5.469	5.822	6.655	7.713	8.733	9.485	9.828	9.726
1451	14.50	9.245	8.523	7.728	7.013	6.485	6.199	6.163	6.366	6.793	7.434
1461	14.60	8.269	9.262	10.339	11.394	12.298	12.921	13.141	12.856	11.986	10.567
1471	14.70	8.370	5.727	2.747	-0.295	-3.093	-5.382	-7.007	-7.964	-8.371	-8.400
1481	14.80	-8.187	-7.771	-7.100	-6.096	-4.754	-3.216	-1.780	-0.813	-0.622	-1.322
1491	14.90	-2.776	-4.645	-6.513	-8.052	-9.140	-9.884	-10.536	-11.356	-12.469	-13.800

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

INDEX NO. 1916 306-GR-1-15 HA. (HA.) HYOUKEN BRIDGE MAX. ACC. = -101.019 (GAL) T= 5.55 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-15.100	-16.045	-16.365	-15.938	-14.827	-13.232	-11.426	-9.668	-8.155	-7.000
1511	15.10	-6.238	-5.835	-5.700	-5.703	-5.700	-5.581	-5.314	-4.969	-4.698	-4.664
1521	15.20	-4.946	-5.468	-5.979	-6.132	-5.611	-4.284	-2.290	-0.026	1.973	3.218
1531	15.30	3.439	2.685	1.296	-0.228	-1.388	-1.860	-1.563	-0.642	0.619	1.912
1541	15.40	3.001	3.766	4.189	4.332	4.279	4.114	3.901	3.677	3.449	3.187
1551	15.50	2.834	2.376	1.433	0.799	-0.036	-0.656	-0.618	-0.357	0.757	2.378
1561	15.60	4.210	5.897	7.138	7.781	7.870	7.621	7.335	7.297	7.674	8.480
1571	15.70	9.566	10.699	11.629	12.165	12.221	11.818	11.065	10.109	9.093	8.121
1581	15.80	7.251	6.507	5.902	5.465	5.252	5.336	5.771	6.557	7.604	8.737
1591	15.90	9.729	10.362	10.504	10.147	9.414	8.505	7.619	6.871	6.249	5.624
1601	16.00	4.809	3.652	2.102	0.245	-1.734	-3.613	-5.216	-6.473	-7.424	-8.181
1611	16.10	-8.871	-9.570	-10.279	-10.928	-11.414	-11.648	-11.586	-11.234	-10.639	-9.861
1621	16.20	-8.955	-7.964	-6.927	-5.889	-4.913	-4.075	-3.454	-3.114	-3.085	-3.356
1631	16.30	-3.880	-4.577	-5.352	-6.113	-6.781	-7.305	-7.657	-7.874	-7.952	-7.923
1641	16.40	-7.799	-7.569	-7.217	-6.735	-6.145	-5.513	-4.935	-4.516	-4.341	-4.433
1651	16.50	-4.764	-5.264	-5.853	-6.475	-7.107	-7.754	-8.419	-9.079	-9.669	-10.099
1661	16.60	-10.282	-10.174	-9.786	-9.185	-8.454	-7.658	-6.811	-5.866	-4.833	-3.622
1671	16.70	-2.274	-0.862	0.511	1.755	2.828	3.753	4.606	5.478	6.445	7.534
1681	16.80	8.729	9.973	11.193	12.312	13.253	13.940	14.310	14.323	13.992	13.393
1691	16.90	12.682	11.959	11.417	11.087	10.909	10.730	10.357	9.636	8.521	7.109
1701	17.00	5.615	4.314	3.454	3.182	3.507	4.299	5.335	6.359	7.144	7.548
1711	17.10	7.533	7.171	6.614	6.052	5.658	5.537	5.693	6.029	6.383	6.585
1721	17.20	6.516	6.149	5.546	4.821	4.084	3.394	2.741	2.081	1.379	0.667
1731	17.30	0.053	-0.306	-0.276	0.185	0.988	1.929	2.751	3.240	3.290	2.933
1741	17.40	2.298	1.562	0.779	0.038	-0.724	-1.576	-2.549	-3.598	-4.614	-5.456
1751	17.50	-6.015	-6.252	-6.214	-6.010	-5.777	-5.647	-5.726	-6.097	-6.820	-7.925
1761	17.60	-9.387	-10.206	-12.903	-14.531	-15.756	-16.416	-16.697	-16.126	-15.525	-14.926
1771	17.70	-14.466	-14.139	-13.796	-13.228	-12.259	-10.840	-9.083	-7.225	-5.551	-4.269
1781	17.80	-3.542	-3.265	-3.304	-3.456	-3.537	-3.432	-3.100	-2.565	-1.888	-1.139
1791	17.90	-0.379	0.350	1.025	1.650	2.247	2.845	3.458	4.049	4.624	5.047
1801	18.00	5.271	5.275	5.107	4.867	4.666	4.555	4.506	4.390	4.041	3.347
1811	18.10	2.523	1.147	0.118	-0.451	-0.340	0.396	1.597	2.898	3.933	4.478
1821	18.20	4.504	4.674	3.766	3.529	3.606	3.983	4.532	5.088	5.529	5.826
1831	18.30	6.020	6.191	6.379	6.565	6.676	6.684	6.384	5.943	5.452	4.950
1841	18.40	4.573	4.325	4.194	4.127	4.074	4.016	3.966	3.962	4.041	4.223
1851	18.50	4.504	4.856	5.236	5.584	5.824	5.870	5.641	5.097	4.265	3.257
1861	18.60	2.258	1.473	1.064	1.083	1.449	1.965	2.382	2.478	2.121	1.295
1871	18.70	0.086	-1.366	-2.908	-4.412	-5.780	-6.938	-7.827	-8.408	-8.679	-8.687
1881	18.80	-8.520	-8.283	-8.049	-7.819	-7.515	-7.008	-6.180	-4.991	-3.515	-1.932
1891	18.90	-0.445	0.692	1.445	1.812	1.893	1.804	1.614	1.315	0.841	0.119
1901	19.00	-0.871	-2.067	-3.330	-4.496	-5.430	-6.064	-6.409	-6.518	-6.453	-6.252
1911	19.10	-5.922	-5.469	-4.914	-4.318	-3.767	-3.336	-3.053	-2.884	-2.738	-2.515
1921	19.20	-2.150	-1.650	-1.087	-0.525	-0.211	-0.040	-0.041	-0.149	-0.292	-0.432
1931	19.30	-0.576	-0.766	-1.037	-1.401	-1.817	-2.207	-2.488	-2.599	-2.521	-2.268
1941	19.40	-1.849	-1.348	-0.716	0.013	0.798	1.560	2.183	2.556	2.623	2.620
1951	19.50	2.087	1.821	1.808	2.141	2.777	3.514	4.211	4.583	4.589	4.317
1961	19.60	3.977	3.818	4.013	4.291	5.415	6.244	6.828	7.008	6.773	6.253
1971	19.70	5.666	5.134	4.808	4.637	4.502	4.258	3.801	3.109	2.244	1.315
1981	19.80	0.437	-0.303	-0.854	-1.185	-1.276	-1.106	-0.666	0.012	0.845	1.699
1991	19.90	2.417	2.868	2.977	2.746	2.250	1.549	0.758	-0.075	-0.913	-1.722

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

INDEX NO. 1916 306-GR-1-15 HA. (HA.) MYOUKEN BRIDGE MAX. ACC. = -101.019 (GAL) T= 5.55 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-2.459	-3.078	-3.545	-3.871	-4.117	-4.376	-4.713	-5.137	-5.558	-5.826
2011	20.10	-5.790	-5.400	-4.744	-4.034	-3.529	-3.410	-3.684	-4.164	-4.539	-4.514
2021	20.20	-3.954	-2.960	-1.835	-0.952	-0.587	-0.792	-1.370	-1.975	-2.269	-2.077
2031	20.30	-1.452	-0.627	0.120	0.616	0.868	1.040	1.331	1.834	2.453	2.928
2041	20.40	2.972	2.442	1.451	0.368	-0.322	-0.232	0.736	2.325	4.005	5.181
2051	20.50	5.434	4.678	3.181	1.427	-0.089	-1.057	-1.441	-1.432	-1.308	-1.273
2061	20.60	-1.350	-1.392	-1.174	-0.527	0.566	1.953	3.382	4.615	5.521	6.111
2071	20.70	6.492	6.789	7.059	7.260	7.281	7.014	6.426	5.596	4.690	3.692
2081	20.80	3.328	3.013	2.849	2.675	2.332	1.728	0.858	-0.203	-1.340	-2.439
2091	20.90	-3.416	-4.223	-4.839	-5.262	-5.499	-5.574	-5.529	-5.428	-5.336	-5.309
2101	21.00	-5.371	-5.510	-5.685	-5.842	-5.930	-5.916	-5.776	-5.497	-5.065	-4.473
2111	21.10	-3.737	-2.909	-2.083	-1.383	-0.934	-0.818	-1.045	-1.544	-2.173	-2.765
2121	21.20	-3.166	-3.277	-3.071	-2.581	-1.888	-1.086	-0.263	0.513	1.200	1.773
2131	21.30	2.214	2.503	2.606	2.467	2.018	1.201	-0.001	-1.522	-3.193	-4.745
2141	21.40	-5.862	-6.265	-6.601	-6.514	-2.667	-0.675	1.000	1.989	2.131	1.516
2151	21.50	0.450	-0.657	-1.431	-1.649	-1.298	-0.547	0.335	1.097	1.598	1.866
2161	21.60	1.977	2.181	2.624	3.373	4.304	5.514	6.583	7.426	7.941	8.108
2171	21.70	7.971	7.622	7.164	6.690	6.271	5.948	5.730	5.600	5.510	5.402
2181	21.80	5.217	4.919	4.508	4.025	3.542	3.135	2.866	2.759	2.803	2.967
2191	21.90	3.219	3.540	3.920	4.345	4.768	5.102	5.228	5.029	4.438	3.470
2201	22.00	2.230	0.882	-0.409	-1.535	-2.476	-3.289	-4.059	-4.832	-5.571	-6.153
2211	22.10	-6.420	-6.246	-5.617	-4.666	-3.550	-2.568	-1.872	-1.510	-1.400	-1.388
2221	22.20	-1.334	-1.183	-0.996	-0.918	-1.101	-1.625	-2.448	-3.611	-4.294	-4.905
2231	22.30	-5.164	-5.039	-4.721	-4.372	-4.155	-4.163	-4.407	-4.829	-5.340	-5.860
2241	22.40	-6.336	-6.752	-7.116	-7.445	-7.746	-8.000	-8.161	-8.157	-7.911	-7.363
2251	22.50	-6.507	-5.408	-4.212	-3.112	-2.298	-1.891	-1.892	-2.170	-2.499	-2.638
2261	22.60	-2.409	-1.765	-0.797	0.311	1.356	2.194	2.778	3.150	3.390	3.555
2271	22.70	3.643	3.597	3.347	2.871	2.231	1.561	1.022	0.728	0.695	0.822
2281	22.80	0.946	0.900	0.617	0.146	-0.351	-0.669	-0.642	-0.213	0.547	1.464
2291	22.90	2.334	2.988	3.345	3.422	3.309	3.121	2.961	2.896	2.951	3.121
2301	23.00	3.388	3.721	4.085	4.434	4.726	4.928	5.038	5.088	5.137	5.248
2311	23.10	5.455	5.748	6.057	6.286	6.335	6.147	5.721	5.112	4.401	3.672
2321	23.20	2.980	2.351	1.799	1.344	1.028	0.902	1.007	1.336	1.818	2.325
2331	23.30	2.708	2.844	2.693	2.294	1.755	1.201	0.721	0.338	0.013	-0.322
2341	23.40	-0.712	-1.144	-1.555	-1.843	-1.939	-1.840	-1.616	-1.392	-1.293	-1.397
2351	23.50	-1.707	-2.165	-2.689	-3.217	-3.734	-4.264	-4.839	-5.461	-6.083	-6.625
2361	23.60	-7.014	-7.227	-7.316	-7.392	-7.568	-7.900	-8.344	-8.762	-8.971	-8.825
2371	23.70	-8.278	-7.414	-6.407	-5.458	-4.704	-4.179	-3.806	-3.456	-3.011	-2.422
2381	23.80	-1.724	-1.005	-0.347	0.220	0.741	1.301	1.981	2.797	3.684	4.514
2391	23.90	5.155	5.529	5.654	5.638	5.633	5.768	6.093	6.556	7.032	7.377
2401	24.00	7.490	7.357	7.049	6.687	6.390	6.217	6.152	6.112	5.984	5.679
2411	24.10	5.165	4.481	3.723	3.006	2.427	2.043	1.862	1.858	1.991	2.224
2421	24.20	2.532	2.894	3.283	3.647	3.918	4.012	3.862	3.435	2.748	1.867
2431	24.30	0.889	-0.081	-0.955	-1.679	-2.234	-2.624	-2.865	-2.973	-2.965	-2.860
2441	24.40	-2.688	-2.493	-2.331	-2.255	-2.305	-2.496	-2.815	-3.227	-3.682	-4.128
2451	24.50	-4.512	-4.789	-4.915	-4.855	-4.589	-4.117	-3.475	-2.732	-1.980	-1.320
2461	24.60	-0.837	-0.574	-0.527	-0.650	-0.868	-1.113	-1.343	-1.558	-1.801	-2.133
2471	24.70	-2.603	-3.219	-3.929	-4.628	-5.181	-5.469	-5.431	-5.085	-4.529	-3.904
2481	24.80	-3.347	-2.940	-2.691	-2.535	-2.376	-2.138	-1.797	-1.400	-1.028	-0.800
2491	24.90	-0.735	-0.824	-0.996	-1.165	-1.266	-1.286	-1.252	-1.198	-1.126	-0.981

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

INDEX NO. 1916 306-GR-1-15 HA. (HA.) MYOUKEN BRIDGE MAX. ACC. = -101.019 (GAL) T= 5.55 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.666	-0.088	0.784	1.877	3.013	3.965	4.533	4.621	4.274	3.658
2511	25.10	2.990	2.453	2.132	1.996	1.930	1.811	1.565	1.204	0.809	0.480
2521	25.20	0.203	0.211	0.200	0.164	0.059	-0.092	-0.193	-0.125	0.191	0.745
2531	25.30	1.317	2.019	2.357	2.311	1.878	1.178	0.404	-0.256	-0.680	-0.866
2541	25.40	-0.892	-0.899	-0.992	-1.207	-1.495	-1.750	-1.877	-1.845	-1.712	-1.610
2551	25.50	-1.675	-1.970	-2.435	-2.875	-3.024	-2.642	-1.618	-0.030	1.866	3.715
2561	25.60	5.182	6.067	6.360	6.221	5.895	5.598	5.432	5.356	5.218	4.865
2571	25.70	4.206	3.265	2.246	1.292	0.590	0.218	0.149	0.282	0.502	0.731
2581	25.80	0.945	1.155	1.374	1.581	1.723	1.736	1.589	1.308	0.981	0.720
2591	25.90	0.613	0.693	0.922	1.220	1.500	1.708	1.821	1.833	1.727	1.456
2601	26.00	0.962	0.221	-0.314	-1.688	-2.476	-2.866	-2.742	-2.156	-1.327	-0.569
2611	26.10	-0.176	-0.307	-0.927	-1.823	-2.693	-3.261	-3.568	-3.003	-2.272	-1.328
2621	26.20	-0.303	0.725	1.714	2.615	3.343	3.770	3.771	3.282	2.368	1.130
2631	26.30	-0.150	-1.276	-2.117	-2.657	-2.970	-3.159	-3.297	-3.389	-3.388	-3.248
2641	26.40	-2.971	-2.643	-2.403	-2.306	-2.657	-3.172	-3.793	-4.346	-4.702	-4.829
2651	26.50	-4.798	-4.737	-4.753	-4.876	-5.032	-5.079	-4.876	-4.357	-3.564	-2.639
2661	26.60	-1.744	-1.092	-0.693	-0.541	-0.545	-0.595	-0.618	-0.597	-0.558	-0.539
2671	26.70	-0.555	-0.576	-0.549	-0.375	-0.037	0.472	1.096	1.750	2.348	2.831
2681	26.80	3.180	3.415	3.578	3.719	3.871	4.051	4.256	4.470	4.668	4.832
2691	26.90	4.941	4.985	4.954	4.847	4.668	4.430	4.150	3.854	3.566	3.303
2701	27.00	3.068	2.852	2.632	2.384	2.096	1.781	1.478	1.247	1.151	1.226
2711	27.10	1.472	1.634	2.225	2.538	2.687	2.625	2.358	1.934	1.427	0.908
2721	27.20	0.426	-0.001	-0.378	-0.725	-1.061	-1.394	-1.721	-2.029	-2.302	-2.529
2731	27.30	-2.707	-2.810	-2.843	-3.031	-3.130	-3.253	-3.330	-3.383	-3.361	-3.153
2741	27.40	-2.793	-2.277	-1.675	-1.103	-0.695	-0.569	-0.737	-1.139	-2.134	-3.033
2751	27.50	-3.873	-4.517	-4.880	-4.941	-4.743	-4.369	-3.914	-3.462	-3.064	-2.732
2761	27.60	-2.443	-2.156	-1.833	-1.456	-1.033	-0.601	-0.201	0.137	0.409	0.643
2771	27.70	0.881	1.157	1.474	1.794	2.047	2.161	2.092	1.841	1.461	1.025
2781	27.80	0.600	0.219	-0.127	-0.471	-0.836	-1.211	-1.539	-1.737	-1.732	-1.495
2791	27.90	-1.061	-0.514	0.043	0.530	0.913	1.201	1.423	1.600	1.719	1.750
2801	28.00	1.666	1.479	1.257	1.103	1.115	1.335	1.714	2.124	2.402	2.415
2811	28.10	2.120	1.575	0.914	0.285	-0.214	-0.570	-0.841	-1.110	-1.421	-1.739
2821	28.20	-1.951	-1.906	-1.486	-0.658	0.504	1.836	3.143	4.253	5.061	5.534
2831	28.30	5.693	5.587	5.263	4.768	4.151	3.476	2.820	2.254	1.818	1.503
2841	28.40	1.252	0.987	0.669	0.227	-0.224	-0.611	-0.840	-0.863	-0.697	-0.420
2851	28.50	-0.134	0.080	0.196	0.237	0.259	0.303	0.374	0.430	0.406	0.248
2861	28.60	-0.049	-0.433	-0.846	-1.179	-1.387	-1.445	-1.437	-1.353	-1.244	-1.122
2871	28.70	-0.983	-0.831	-0.594	-0.253	-0.083	-0.243	-0.667	-1.200	-2.103	-2.372
2881	28.80	-2.445	-2.315	-2.023	-1.624	-1.181	-0.646	-0.047	0.582	1.274	1.937
2891	28.90	2.469	2.773	2.799	2.561	2.136	1.626	1.121	0.666	0.261	-0.119
2901	29.00	-0.488	-0.834	-1.108	-1.240	-1.265	-1.149	-0.988	-0.878	-0.891	-1.049
2911	29.10	-1.317	-1.621	-1.892	-2.094	-2.238	-2.357	-2.478	-2.590	-2.640	-2.554
2921	29.20	-2.284	-1.832	-1.270	-0.703	-0.230	0.164	0.525	0.512	0.743	1.042
2931	29.30	1.367	1.528	0.958	0.122	-0.193	-0.915	-2.016	-2.875	-3.360	-3.430
2941	29.40	-3.167	-2.723	-2.251	-1.861	-1.493	-1.133	-0.473	-0.065	0.647	1.332
2951	29.50	1.815	1.942	1.647	0.979	0.087	-0.834	-1.823	-2.203	-2.599	-2.911
2961	29.60	-3.239	-3.623	-4.000	-4.225	-4.128	-3.603	-2.678	-1.525	-0.416	0.380
2971	29.70	0.703	0.571	0.179	-0.179	-0.225	0.189	1.017	2.041	2.958	3.501
2981	29.80	3.538	3.110	2.403	1.653	1.057	0.699	0.542	0.469	0.354	0.127
2991	29.90	-0.198	-0.536	-0.778	-0.842	-0.706	-0.411	-0.039	0.327	0.633	0.865

Table 7-7-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1916 306-GR-1-15 HA. (HA.) MYOUKEN BRIDGE MAX. ACC. = -101.019 (GAL) T= 5.55 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	1.046	1.207	1.390	1.614	1.886	2.202	2.552	2.928	3.322	3.727
3011	30.10	4.131	4.520	4.871	5.150	5.312	5.306	5.080	4.616	3.934	3.104
3021	30.20	2.244	1.489	0.957	0.716	0.764	1.039	1.444	1.882	2.282	2.613
3031	30.30	2.866	3.037	3.109	3.048	2.819	2.413	1.861	1.236	0.631	0.125
3041	30.40	-0.250	-0.516	-0.739	-0.992	-1.321	-1.719	-2.133	-2.480	-2.683	-2.698
3051	30.50	-2.521	-2.183	-1.733	-1.217	-0.679	-0.160	0.295	0.635	0.812	0.801
3061	30.60	0.610	0.287	-0.099	-0.479	-0.815	-1.106	-1.327	-1.661	-1.961	-2.242
3071	30.70	-2.461	-2.493	-2.374	-2.122	-1.837	-1.656	-1.691	-2.011	-2.592	-3.339
3081	30.80	-4.111	-4.770	-5.210	-5.382	-5.290	-4.976	-4.501	-3.928	-3.312	-2.699
3091	30.90	-2.122	-1.597	-1.128	-0.708	-0.331	-0.005	0.239	0.356	0.305	0.071
3101	31.00	-0.314	-0.766	-1.171	-1.419	-1.442	-1.238	-0.870	-0.438	-0.041	0.256
3111	31.10	0.440	0.539	0.602	0.667	0.751	0.843	0.919	0.954	0.931	0.841
3121	31.20	0.677	0.433	0.110	-0.278	-0.688	-1.057	-1.314	-1.405	-1.312	-1.065
3131	31.30	-0.722	-0.353	-0.006	0.293	0.552	0.770	0.936	1.017	0.980	0.818
3141	31.40	0.579	0.358	0.270	0.401	0.763	1.279	1.806	2.191	2.328	2.202
3151	31.50	1.883	1.485	1.116	0.836	0.615	0.513	0.419	0.383	0.461	0.724
3161	31.60	1.206	1.881	2.659	3.424	4.078	4.564	4.889	5.076	5.133	5.029
3171	31.70	4.703	4.107	3.253	2.241	1.240	0.434	-0.054	-0.212	-0.141	-0.002
3181	31.80	0.057	-0.030	-0.225	-0.416	-0.483	-0.362	-0.077	0.282	0.606	0.828
3191	31.90	0.940	0.985	1.002	0.989	0.883	0.592	0.053	-0.717	-1.601	-2.423
3201	32.00	-3.009	-3.272	-3.236	-3.024	-2.787	-2.626	-2.541	-2.437	-2.179	-1.673
3211	32.10	-0.936	-0.095	0.634	1.048	1.023	0.566	-0.199	-1.081	-1.891	-2.505
3221	32.20	-2.885	-3.067	-3.129	-3.150	-3.182	-3.244	-3.322	-3.388	-3.403	-3.328
3231	32.30	-3.135	-2.907	-2.550	-1.996	-1.194	-0.605	-0.078	0.359	0.704	0.981
3241	32.40	1.223	1.460	1.710	1.976	2.249	2.508	2.721	2.847	2.842	2.672
3251	32.50	2.327	1.836	1.268	0.718	0.276	-0.001	-0.104	-0.070	0.051	0.223
3261	32.60	0.447	0.759	1.198	1.769	2.411	3.006	3.414	3.527	3.320	2.862
3271	32.70	2.289	1.743	1.313	0.999	0.723	0.380	-0.093	-0.676	-1.259	-1.688
3281	32.80	-1.825	-1.618	-1.123	-0.483	0.128	0.568	0.774	0.767	0.626	0.437
3291	32.90	0.258	0.096	-0.075	-0.290	-0.560	-0.862	-1.141	-1.339	-1.412	-1.353
3301	33.00	-1.190	-0.975	-0.764	-0.603	-0.520	-0.525	-0.612	-0.771	-0.981	-1.218
3311	33.10	-1.456	-1.658	-1.811	-1.901	-1.939	-1.945	-1.951	-1.981	-2.046	-2.138
3321	33.20	-2.233	-2.298	-2.307	-2.251	-2.143	-2.013	-1.894	-1.807	-1.745	-1.673
3331	33.30	-1.539	-1.299	-0.937	-0.484	-0.015	0.371	0.588	0.586	0.381	0.026
3341	33.40	-0.398	-0.823	-1.216	-1.581	-1.936	-2.287	-2.595	-2.782	-2.750	-2.421
3351	33.50	-1.781	-0.893	0.111	1.088	1.895	2.463	2.785	2.908	2.896	2.798
3361	33.60	2.659	2.500	2.158	1.810	1.471	1.172	0.960	0.856	0.854	0.924
3371	33.70	1.029	1.138	1.236	1.315	1.369	1.384	1.342	1.233	1.060	0.845
3381	33.80	0.625	0.429	0.275	0.153	0.061	-0.086	-0.234	-0.393	-0.537	-0.644
3391	33.90	-0.711	-0.756	-0.807	-0.885	-0.983	-1.070	-1.098	-1.030	-0.852	-0.582
3401	34.00	-0.252	0.114	0.512	0.965	1.492	2.087	2.694	3.213	3.531	3.563
3411	34.10	3.208	2.803	2.205	1.461	1.209	0.941	0.806	0.748	0.724	0.732
3421	34.20	0.805	1.281	1.664	2.063	2.411	2.681	2.910	3.188	3.603	
3431	34.30	4.192	4.898	5.580	6.055	6.179	5.903	5.300	4.533	3.793	3.222
3441	34.40	2.866	2.675	2.539	2.353	2.064	1.692	1.304	0.974	0.738	0.578
3451	34.50	0.436	0.249	-0.012	-0.326	-0.631	-0.856	-0.962	-0.962	-0.918	-0.914
3461	34.60	-1.018	-1.258	-1.611	-2.026	-2.452	-2.860	-3.255	-3.662	-4.097	-4.549
3471	34.70	-4.970	-5.292	-5.449	-5.413	-5.208	-4.901	-4.581	-4.323	-4.162	-4.092
3481	34.80	-4.076	-4.072	-4.062	-4.055	-4.079	-4.160	-4.297	-4.452	-4.561	-4.561
3491	34.90	-4.415	-4.132	-3.764	-3.376	-3.025	-2.730	-2.470	-2.209	-1.918	-1.604

Table 7-7-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1916 306-GR-1-15 HA. (HA.) MYOUKEN BRIDGE MAX. ACC. = -101.019 (GAL) T= 5.55 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-1.313	-1.117	-1.072	-1.196	-1.448	-1.747	-2.005	-2.160	-2.210	-2.203
3511	35.10	-2.214	-2.309	-2.515	-2.811	-3.142	-3.451	-3.697	-3.866	-3.959	-3.971
3521	35.20	-3.874	-3.619	-3.150	-2.483	-1.633	-0.707	0.166	0.878	1.381	1.706
3531	35.30	1.946	2.215	2.594	3.092	3.665	4.139	4.458	4.534	4.371	4.044
3541	35.40	3.666	3.343	3.157	3.125	3.233	3.396	3.592	3.780	3.962	4.168
3551	35.50	4.445	4.831	5.344	5.955	6.593	7.151	7.510	7.574	7.301	6.722
3561	35.60	5.936	5.080	4.289	3.649	3.181	2.842	2.554	2.252	1.910	1.553
3571	35.70	1.237	1.011	0.887	0.820	0.728	0.530	0.187	-0.270	-0.746	-1.117
3581	35.80	-1.276	-1.177	-0.857	-0.412	0.036	0.386	0.590	0.660	0.649	0.615
3591	35.90	0.598	0.596	0.578	0.498	0.319	0.026	-0.371	-0.843	-1.353	-1.860
3601	36.00	-2.320	-2.682	-2.888	-2.882	-2.626	-2.123	-1.431	-0.658	0.054	0.564
3611	36.10	0.770	0.637	0.300	-0.447	-1.182	-1.892	-2.492	-2.943	-3.237	-3.390
3621	36.20	-3.423	-3.352	-3.195	-2.976	-2.736	-2.520	-2.378	-2.342	-2.416	-2.568
3631	36.30	-2.749	-2.904	-3.006	-3.058	-3.096	-3.169	-3.311	-3.516	-3.738	-3.896
3641	36.40	-3.907	-3.715	-3.315	-2.751	-2.106	-1.467	-0.901	-0.434	-0.056	0.268
3651	36.50	0.572	0.872	1.162	1.419	1.620	1.752	1.826	1.869	1.912	1.980
3661	36.60	2.079	2.193	2.291	2.333	2.287	2.133	1.873	1.529	1.148	0.787
3671	36.70	0.512	0.378	0.419	0.634	0.989	1.420	1.856	2.233	2.513	2.690
3681	36.80	2.783	2.816	2.803	2.733	2.578	2.302	1.887	1.346	0.726	0.103
3691	36.90	-0.445	-0.862	-1.122	-1.238	-1.244	-1.178	-1.069	-0.927	-0.754	-0.552
3701	37.00	-0.335	-0.131	0.020	0.086	0.048	-0.089	-0.304	-0.565	-0.845	-1.124
3711	37.10	-1.393	-1.641	-1.851	-1.996	-2.046	-1.973	-1.769	-1.449	-1.049	-0.617
3721	37.20	-0.201	0.166	0.468	0.701	0.866	0.961	0.982	0.925	0.794	0.607
3731	37.30	0.396	0.198	0.048	-0.036	-0.061	-0.050	-0.038	-0.056	-0.118	-0.232
3741	37.40	-0.368	-0.468	-0.560	-0.615	-0.643	-0.664	-0.701	-0.772	-0.876	-0.996
3751	37.50	-1.103	-1.167	-1.171	-1.112	-1.006	-0.877	-0.743	-0.606	-0.452	-0.254
3761	37.60	0.011	0.348	0.735	1.127	1.475	1.737	1.900	1.977	1.994	1.972
3771	37.70	1.914	1.801	1.611	1.346	1.050	0.817	0.761	0.976	1.479	2.206
3781	37.80	2.994	3.644	3.982	3.922	3.494	2.837	2.139	1.571	1.225	1.096
3791	37.90	1.096	1.110	1.051	0.903	0.721	0.607	0.656	0.915	1.361	1.905
3801	38.00	2.428	2.816	2.995	2.943	2.682	2.261	1.741	1.176	0.617	0.109
3811	38.10	-0.308	-0.598	-0.741	-0.741	-0.625	-0.436	-0.237	-0.078	0.003	-0.009
3821	38.20	-0.116	-0.558	-0.586	-0.922	-1.309	-1.729	-2.157	-2.562	-2.911	-3.173
3831	38.30	-3.326	-3.358	-3.269	-3.069	-2.783	-2.444	-2.098	-1.794	-1.580	-1.485
3841	38.40	-1.518	-1.658	-1.867	-2.098	-2.317	-2.507	-2.670	-2.816	-2.946	-3.043
3851	38.50	-3.067	-2.977	-2.749	-2.401	-1.999	-1.639	-1.420	-1.403	-1.583	-1.889
3861	38.60	-2.204	-2.411	-2.432	-2.256	-1.938	-1.568	-1.231	-0.974	-0.790	-0.631
3871	38.70	-0.442	-0.187	0.122	0.434	0.686	0.833	0.914	0.933	0.926	0.833
3881	38.80	-0.696	-0.833	-1.023	-1.250	-1.492	-1.721	-1.913	-1.966	-0.796	-0.353
3891	38.90	0.110	0.565	0.929	1.257	1.538	1.771	1.938	2.001	1.920	1.674
3901	39.00	1.286	0.814	0.358	0.012	-0.157	-0.123	0.089	0.432	0.850	1.303
3911	39.10	1.768	2.229	2.664	3.053	3.283	3.365	3.260	2.996	2.636	2.281
3921	39.20	2.008	1.658	1.815	1.820	1.798	1.703	1.532	1.334	1.181	1.128
3931	39.30	1.187	1.308	1.400	1.367	1.149	0.950	0.731	0.514	0.802	1.187
3941	39.40	-1.175	-1.705	-1.915	-2.111	-2.256	-2.286	-2.143	-1.808	-1.328	-0.791
3951	39.50	-0.316	0.006	0.137	0.093	-0.072	-0.303	-0.569	-0.873	-1.231	-1.645
3961	39.60	-2.081	-2.461	-2.691	-2.693	-2.444	-1.985	-1.404	-0.820	-0.302	0.118
3971	39.70	0.454	0.745	1.018	1.263	1.435	1.476	1.349	1.061	0.674	0.283
3981	39.80	-0.012	-0.137	-0.068	0.175	0.537	0.945	1.328	1.620	1.771	1.749
3991	39.90	1.548	1.201	0.778	0.379	0.109	0.050	0.240	0.461	1.245	1.906

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

INDEX NO. 1916 306-GR-1-15 HA. (HA.) HYOUKEN BRIDGE MAX. ACC. = -101.019 (GAL) T= 5.55 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	2.518	3.108	3.544	3.836	3.978	3.985	3.879	3.700	3.458	3.318
4011	40.10	3.186	3.092	2.995	2.844	2.609	2.308	2.010	1.814	1.799	1.980
4021	40.20	2.288	2.585	2.720	2.586	2.173	1.567	0.915	0.353	-0.048	-0.308
4031	40.30	-0.520	-0.793	-1.191	-1.703	-2.245	-2.711	-3.022	-3.185	-3.251	-3.319
4041	40.40	-3.468	-3.711	-3.995	-4.227	-4.320	-4.239	-4.016	-3.725	-3.447	-3.230
4051	40.50	-3.065	-2.905	-2.694	-2.408	-2.064	-1.722	-1.444	-1.271	-1.193	-1.162
4061	40.60	-1.113	-0.998	-0.813	-0.599	-0.423	-0.351	-0.421	-0.625	-0.917	-1.223
4071	40.70	-1.472	-1.602	-1.584	-1.415	-1.123	-0.759	-0.390	-0.082	0.108	0.152
4081	40.80	0.055	-0.145	-0.396	-0.619	-0.876	-1.081	-1.291	-1.538	-1.839	-2.180
4091	40.90	-2.519	-2.802	-2.985	-3.051	-3.017	-2.926	-2.824	-2.737	-2.661	-2.565
4101	41.00	-2.408	-2.156	-1.809	-1.395	-0.970	-0.590	-0.295	-0.088	0.055	0.179
4111	41.10	0.325	0.510	0.715	0.895	0.992	0.962	0.799	0.543	0.272	0.080
4121	41.20	0.047	0.213	0.564	1.039	1.556	2.032	2.418	2.792	2.907	3.073
4131	41.30	3.229	3.382	3.513	3.590	3.581	3.476	3.292	3.065	2.838	2.645
4141	41.40	2.497	2.389	2.308	2.266	2.216	2.239	2.353	2.578	2.910	3.306
4151	41.50	3.699	4.009	4.179	4.156	3.973	3.682	3.356	3.068	2.864	2.755
4161	41.60	2.716	2.700	2.662	2.571	2.420	2.226	2.014	1.805	1.605	1.409
4171	41.70	1.201	0.973	0.726	0.476	0.242	0.042	-0.119	-0.250	-0.365	-0.469
4181	41.80	-0.558	-0.610	-0.600	-0.515	-0.361	-0.173	-0.000	0.107	0.115	0.014
4191	41.90	-0.185	-0.460	-0.796	-1.188	-1.633	-2.117	-2.602	-3.024	-3.305	-3.384
4201	42.00	-3.241	-2.916	-2.507	-2.124	-1.869	-1.793	-1.881	-2.072	-2.287	-2.467
4211	42.10	-2.595	-2.700	-2.835	-3.047	-3.350	-3.726	-4.128	-4.510	-4.839	-5.110
4221	42.20	-5.333	-5.514	-5.615	-5.701	-5.646	-5.421	-5.153	-4.760	-4.340	-3.949
4231	42.30	-3.619	-3.348	-3.114	-2.867	-2.649	-2.404	-2.173	-1.972	-1.805	-1.652
4241	42.40	-1.480	-1.263	-0.992	-0.687	-0.379	-0.095	0.159	0.406	0.679	0.999
4251	42.50	1.347	1.666	1.875	1.908	1.753	1.469	1.173	1.003	1.061	1.374
4261	42.60	1.881	2.461	2.976	3.323	3.465	3.423	3.252	3.000	2.679	2.269
4271	42.70	1.762	1.101	0.402	-0.241	-0.686	-0.814	-0.573	0.005	0.809	1.692
4281	42.80	2.519	3.208	3.738	4.144	4.473	4.759	5.000	5.165	5.208	5.105
4291	42.90	4.863	4.528	4.168	3.850	3.615	3.487	3.376	3.295	3.177	2.994
4301	43.00	2.743	2.444	2.127	1.824	1.552	1.317	1.110	0.919	0.731	0.540
4311	43.10	0.346	0.154	-0.030	-0.201	-0.357	-0.499	-0.628	-0.747	-0.859	-0.965
4321	43.20	-1.069	-1.175	-1.281	-1.382	-1.465	-1.507	-1.488	-1.390	-1.208	-0.959
4331	43.30	-0.671	-0.383	-0.133	0.059	0.187	0.268	0.329	0.397	0.488	0.599
4341	43.40	0.711	0.791	0.805	0.723	0.534	0.247	-0.109	-0.490	-0.849	-1.151
4351	43.50	-1.383	-1.560	-1.714	-1.867	-2.099	-2.338	-2.554	-2.669	-2.609	-2.341
4361	43.60	-1.894	-1.367	-0.900	-0.633	-0.653	-0.959	-1.457	-1.990	-2.393	-2.545
4371	43.70	-2.412	-2.050	-1.578	-1.135	-0.829	-0.707	-0.757	-0.919	-1.126	-1.323
4381	43.80	-1.487	-1.617	-1.722	-1.804	-1.850	-1.835	-1.733	-1.530	-1.234	-0.876
4391	43.90	-0.501	-0.159	0.108	0.274	0.331	0.285	0.159	-0.019	-0.217	-0.407
4401	44.00	-0.573	-0.710	-0.824	-0.928	-1.031	-1.133	-1.216	-1.254	-1.215	-1.075
4411	44.10	-0.830	-0.494	-0.100	0.306	0.683	0.996	1.221	1.348	1.374	1.302
4421	44.20	1.138	0.894	0.588	0.248	-0.091	-0.396	-0.636	-0.791	-0.856	-0.839
4431	44.30	-0.759	-0.638	-0.497	-0.354	-0.216	-0.089	0.028	0.136	0.232	0.317
4441	44.40	0.390	0.454	0.516	0.586	0.671	0.777	0.902	1.038	1.175	1.301
4451	44.50	1.412	1.510	1.601	1.693	1.791	1.895	2.000	2.103	2.201	2.293
4461	44.60	2.381	2.459	2.517	2.535	2.494	2.383	2.206	1.986	1.757	1.553
4471	44.70	1.395	1.280	1.190	1.092	0.962	0.789	0.585	0.376	0.192	0.055
4481	44.80	-0.025	-0.054	-0.036	0.023	0.126	0.275	0.465	0.671	0.854	0.968
4491	44.90	0.976	0.871	0.675	0.438	0.216	0.051	-0.046	-0.095	-0.137	-0.206

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

INDEX NO. 1916 306-GR-1-15 HA. (HA.) HYOUKEN BRIDGE MAX. ACC. = -101.019 (GAL) T= 5.55 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.316	-0.445	-0.550	-0.581	-0.504	-0.321	-0.064	0.215	0.465	0.659
4511	45.10	0.797	0.900	0.997	1.098	1.192	1.243	1.210	1.061	0.793	0.432
4521	45.20	0.019	-0.401	-0.801	-1.177	-1.540	-1.898	-2.240	-2.529	-2.709	-2.731
4531	45.30	-2.582	-2.307	-2.001	-1.791	-1.785	-2.032	-2.492	-3.047	-3.532	-3.792
4541	45.40	-3.743	-3.394	-2.851	-2.275	-1.824	-1.602	-1.630	-1.848	-2.155	-2.447
4551	45.50	-2.663	-2.794	-2.874	-2.948	-3.036	-3.115	-3.122	-2.981	-2.637	-2.088
4561	45.60	-1.389	-0.644	0.038	0.576	0.937	1.160	1.318	1.486	1.710	1.983
4571	45.70	2.246	2.417	2.424	2.243	1.906	1.491	1.093	0.785	0.590	0.479
4581	45.80	0.387	0.247	0.028	-0.253	-0.536	-0.746	-0.821	-0.742	-0.533	-0.244
4591	45.90	0.070	0.372	0.644	0.883	1.074	1.188	1.183	1.032	0.747	0.395
4601	46.00	0.084	-0.068	0.018	0.347	0.844	1.388	1.859	2.191	2.386	2.505
4611	46.10	2.615	2.749	2.875	2.915	2.801	2.520	2.153	1.856	1.794	2.065
4621	46.20	2.644	3.372	4.017	4.361	4.290	3.836	3.154	2.449	1.880	1.498
4631	46.30	1.236	0.967	0.579	0.050	-0.534	-1.013	-1.227	-1.104	-0.690	-0.142
4641	46.40	0.338	0.588	0.539	0.240	-0.187	-0.603	-0.915	-1.108	-1.232	-1.369
4651	46.50	-1.581	-1.883	-2.242	-2.597	-2.896	-3.111	-3.248	-3.329	-3.377	-3.394
4661	46.60	-3.369	-3.208	-3.147	-2.960	-2.759	-2.570	-2.407	-2.257	-2.089	-1.873
4671	46.70	-1.596	-1.270	-0.931	-0.620	-0.363	-0.162	0.003	0.159	0.316	0.456
4681	46.80	0.537	0.505	0.327	0.010	-0.389	-0.780	-1.068	-1.186	-1.114	-0.889
4691	46.90	-0.579	-0.260	0.021	0.259	0.484	0.745	1.073	1.460	1.852	2.163
4701	47.00	2.305	2.223	1.916	1.450	0.936	0.500	0.245	0.224	0.430	0.803
4711	47.10	1.255	1.695	2.064	2.337	2.531	2.687	2.850	3.050	3.292	3.548
4721	47.20	3.773	3.915	3.935	3.820	3.589	3.290	2.907	2.715	2.624	2.414
4731	47.30	2.348	2.277	2.145	1.912	1.561	1.102	0.565	-0.012	-0.592	-1.146
4741	47.40	-1.657	-2.112	-2.502	-2.813	-3.032	-3.147	-3.155	-3.061	-2.884	-2.653
4751	47.50	-2.403	-2.170	-1.987	-1.880	-1.866	-1.948	-2.115	-2.340	-2.584	-2.803
4761	47.60	-2.952	-3.002	-2.943	-2.789	-2.574	-2.340	-2.129	-1.961	-1.837	-1.729
4771	47.70	-1.600	-1.410	-1.144	-0.813	-0.464	-0.166	0.013	0.026	-0.134	-0.429
4781	47.80	-0.787	-1.125	-1.377	-1.517	-1.560	-1.560	-1.582	-1.677	-1.865	-2.126
4791	47.90	-2.410	-2.658	-2.814	-2.847	-2.750	-2.535	-2.222	-1.835	-1.390	-0.906
4801	48.00	-0.400	0.101	0.572	0.987	1.328	1.591	1.781	1.907	1.972	1.973
4811	48.10	1.898	1.732	1.478	1.160	0.830	0.562	0.433	0.503	0.789	1.258
4821	48.20	1.829	2.392	2.835	3.078	3.090	2.898	2.574	2.208	1.877	1.626
4831	48.30	1.455	1.332	1.213	1.068	0.894	0.721	0.598	0.573	0.670	0.877
4841	48.40	1.150	1.427	1.652	1.793	1.856	1.876	1.911	2.010	2.202	2.473
4851	48.50	2.776	3.036	3.181	3.159	2.983	2.632	2.239	1.868	1.578	1.385
4861	48.60	1.258	1.115	0.898	0.568	0.117	-0.268	-0.629	-0.785	-0.717	-0.459
4871	48.70	-0.108	0.212	0.398	0.399	0.228	-0.054	-0.377	-0.692	-0.988	-1.284
4881	48.80	-1.606	-1.954	-2.295	-2.565	-2.698	-2.660	-2.461	-2.161	-1.842	-1.575
4891	48.90	-1.397	-1.300	-1.247	-1.192	-1.106	-0.989	-0.864	-0.764	-0.715	-0.723
4901	49.00	-0.778	-0.859	-0.949	-1.061	-1.136	-1.232	-1.337	-1.449	-1.566	-1.690
4911	49.10	-1.825	-1.976	-2.141	-2.313	-2.478	-2.621	-2.734	-2.817	-2.877	-2.916
4921	49.20	-2.924	-2.881	-2.766	-2.571	-2.312	-2.033	-1.786	-1.610	-1.507	-1.436
4931	49.30	-1.331	-1.135	-0.834	-0.473	-0.169	0.032	-0.002	-0.245	-0.613	-0.967
4941	49.40	-1.175	-1.154	-0.908	-0.516	-0.098	0.243	0.458	0.565	0.631	0.733
4951	49.50	0.924	1.207	1.545	1.879	2.162	2.375	2.524	2.635	2.731	2.820
4961	49.60	2.895	2.947	2.972	2.984	3.004	3.055	3.145	3.261	3.372	3.442
4971	49.70	3.446	3.372	3.238	3.070	2.897	2.739	2.603	2.483	2.366	2.238
4981	49.80	2.092	1.928	1.759	1.603	1.484	1.422	1.423	1.481	1.566	1.635
4991	49.90	1.610	1.545	1.362	1.051	0.721	0.418	0.194	0.089	0.110	0.235

Table 7-7-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1916 306-GR-1-15 HA. (HA.) MYOUKEN BRIDGE MAX. ACC. = -101.019 (GAL) T= 5.55 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.427	0.643	0.848	1.017	1.134	1.190	1.180	1.105	0.969	0.787
5011	50.10	0.581	0.376	0.185	0.022	-0.118	-0.245	-0.372	-0.503	-0.632	-0.746
5021	50.20	-0.832	-0.882	-0.905	-0.917	-0.944	-1.006	-1.112	-1.255	-1.416	-1.571
5031	50.30	-1.701	-1.799	-1.874	-1.941	-2.019	-2.119	-2.236	-2.356	-2.457	-2.522
5041	50.40	-2.552	-2.560	-2.575	-2.623	-2.717	-2.847	-2.980	-3.069	-3.076	-2.979
5051	50.50	-2.791	-2.546	-2.292	-2.071	-1.907	-1.800	-1.740	-1.719	-1.740	-1.817
5061	50.60	-1.967	-2.191	-2.459	-2.715	-2.888	-2.919	-2.785	-2.513	-2.166	-1.624
5071	50.70	-1.548	-1.362	-1.244	-1.146	-1.019	-0.841	-0.626	-0.413	-0.249	-0.163
5081	50.80	-0.150	-0.179	-0.210	-0.215	-0.196	-0.178	-0.197	-0.273	-0.399	-0.532
5091	50.90	-0.616	-0.602	-0.468	-0.230	0.089	0.376	0.650	0.875	1.055	1.297
5101	51.00	1.348	1.485	1.618	1.746	1.873	2.011	2.169	2.344	2.512	2.633
5111	51.10	2.667	2.591	2.422	2.215	2.050	2.005	2.113	2.372	2.719	3.065
5121	51.20	3.326	3.447	3.421	3.277	3.064	2.827	2.593	2.366	2.141	1.911
5131	51.30	1.686	1.476	1.308	1.190	1.112	1.051	0.975	0.865	0.716	0.550
5141	51.40	0.401	0.306	0.288	0.354	0.486	0.660	0.844	1.015	1.153	1.249
5151	51.50	1.295	1.285	1.216	1.087	0.906	0.687	0.451	0.220	0.013	-0.160
5161	51.60	-0.299	-0.412	-0.516	-0.627	-0.752	-0.884	-0.998	-1.059	-1.027	-0.878
5171	51.70	-0.614	-0.271	0.085	0.379	0.544	0.548	0.395	0.130	-0.187	-0.499
5181	51.80	-0.771	-0.989	-1.157	-1.274	-1.330	-1.301	-1.164	-0.922	-0.612	-0.309
5191	51.90	-0.103	-0.067	-0.228	-0.552	-0.957	-1.348	-1.652	-1.848	-1.969	-2.081
5201	52.00	-2.239	-2.462	-2.708	-2.898	-2.940	-2.777	-2.410	-1.900	-1.348	-0.853
5211	52.10	-0.480	-0.246	-0.110	-0.019	0.085	0.236	0.435	0.658	0.872	1.047
5221	52.20	1.163	1.211	1.190	1.099	0.940	0.722	0.461	0.186	-0.071	-0.278
5231	52.30	-0.413	-0.468	-0.466	-0.360	-0.224	-0.053	0.139	0.334	0.508	0.633
5241	52.40	0.679	0.622	0.453	0.180	-0.172	-0.566	-0.959	-1.312	-1.595	-1.790
5251	52.50	-1.893	-1.916	-1.881	-1.819	-1.754	-1.702	-1.659	-1.597	-1.480	-1.268
5261	52.60	-0.944	-0.523	-0.059	0.367	0.669	0.785	0.697	0.445	0.113	-0.187
5271	52.70	-0.360	-0.345	-0.140	0.208	0.620	1.012	1.324	1.531	1.661	1.681
5281	52.80	1.678	1.640	1.559	1.418	1.204	0.927	0.623	0.348	0.163	0.110
5291	52.90	0.199	0.402	0.666	0.925	1.125	1.230	1.233	1.147	0.999	0.823
5301	53.00	0.645	0.488	0.368	0.286	0.245	0.225	0.206	0.166	0.092	-0.017
5311	53.10	-0.140	-0.247	-0.303	-0.284	-0.189	-0.040	0.121	0.244	0.286	0.224
5321	53.20	0.062	-0.168	-0.411	-0.602	-0.680	-0.607	-0.381	-0.041	0.337	0.659
5331	53.30	0.845	0.855	0.713	0.500	0.327	0.295	0.451	0.763	1.125	1.398
5341	53.40	1.462	1.261	0.829	0.274	-0.271	-0.698	-0.967	-1.116	-1.229	-1.392
5351	53.50	-1.645	-1.958	-2.244	-2.400	-2.350	-2.086	-1.669	-1.206	-0.807	-0.544
5361	53.60	-0.432	-0.430	-0.470	-0.493	-0.469	-0.414	-0.370	-0.389	-0.504	-0.720
5371	53.70	-1.008	-1.315	-1.581	-1.750	-1.789	-1.687	-1.462	-1.153	-0.811	-0.488
5381	53.80	-0.220	-0.023	0.114	0.220	0.329	0.466	0.628	0.805	0.965	1.080
5391	53.90	1.139	1.151	1.142	1.141	1.172	1.240	1.335	1.436	1.522	1.575
5401	54.00	1.589	1.563	1.499	1.400	1.273	1.129	0.984	0.856	0.760	0.699
5411	54.10	0.663	0.632	0.582	0.498	0.380	0.243	0.111	0.002	-0.076	-0.127
5421	54.20	-0.166	-0.204	-0.245	-0.283	-0.305	-0.303	-0.281	-0.254	-0.244	-0.268
5431	54.30	-0.329	-0.413	-0.490	-0.529	-0.507	-0.418	-0.271	-0.092	0.094	0.262
5441	54.40	0.397	0.497	0.565	0.616	0.669	0.745	0.861	1.021	1.210	1.395
5451	54.50	1.528	1.562	1.468	1.249	0.962	0.609	0.312	0.098	-0.023	-0.073
5461	54.60	-0.100	-0.149	-0.250	-0.405	-0.587	-0.759	-0.888	-0.956	-0.965	-0.936
5471	54.70	-0.892	-0.857	-0.845	-0.860	-0.899	-0.955	-1.017	-1.049	-1.095	-1.083
5481	54.80	-1.030	-0.946	-0.852	-0.775	-0.734	-0.734	-0.757	-0.778	-0.767	-0.711
5491	54.90	-0.616	-0.503	-0.398	-0.313	-0.240	-0.155	-0.035	0.125	0.297	0.426

Table 7-7-12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1916 306-GR-1-15 HA. (HA.) MYOUKEN BRIDGE MAX. ACC. = -101.019 (GAL) T= 5.55 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.451	0.331	0.071	-0.278	-0.631	-0.907	-1.062	-1.103	-1.084	-1.076
5511	55.10	-1.128	-1.242	-1.366	-1.423	-1.342	-1.099	-0.731	-0.318	0.046	0.295
5521	55.20	0.422	0.471	0.518	0.630	0.836	1.115	1.413	1.674	1.866	2.003
5531	55.30	2.126	2.219	2.298	2.346	2.365	2.379	2.327	2.796	2.420	1.970
5541	55.40	1.526	1.143	0.840	0.602	0.403	0.224	0.073	-0.024	-0.023	0.101
5551	55.50	0.341	0.658	0.987	1.264	1.440	1.500	1.456	1.335	1.164	0.955
5561	55.60	0.708	0.419	0.095	-0.234	-0.517	-0.691	-0.707	-0.549	-0.246	0.131
5571	55.70	0.487	0.732	0.808	0.706	0.467	0.159	-0.142	-0.385	-0.554	-0.670
5581	55.80	-0.776	-0.911	-1.094	-1.314	-1.532	-1.696	-1.765	-1.718	-1.565	-1.336
5591	55.90	-1.076	-0.827	-0.618	-0.468	-0.382	-0.361	-0.400	-0.496	-0.636	-0.812
5601	56.00	-0.997	-1.169	-1.307	-1.401	-1.450	-1.464	-1.461	-1.462	-1.485	-1.543
5611	56.10	-1.641	-1.775	-1.927	-2.073	-2.179	-2.218	-2.173	-2.048	-1.870	-1.677
5621	56.20	-1.512	-1.402	-1.351	-1.341	-1.335	-1.302	-1.221	-1.098	-0.953	-0.814
5631	56.30	-0.701	-0.616	-0.546	-0.475	-0.389	-0.288	-0.184	-0.089	-0.008	0.070
5641	56.40	0.164	0.290	0.446	0.606	0.725	0.755	0.672	0.485	0.244	0.020
5651	56.50	-0.119	-0.129	-0.006	0.232	0.508	0.817	1.127	1.438	1.749	2.050
5661	56.60	2.304	2.469	2.468	2.308	2.005	1.619	1.244	0.952	0.778	0.707
5671	56.70	0.681	0.629	0.507	0.313	0.094	-0.079	-0.144	-0.072	0.114	0.355
5681	56.80	0.581	0.744	0.833	0.877	0.923	1.008	1.136	1.274	1.363	1.350
5691	56.90	1.208	0.959	0.664	0.403	0.246	0.227	0.339	0.537	0.760	0.958
5701	57.00	1.103	1.196	1.251	1.296	1.341	1.384	1.406	1.387	1.312	1.182
5711	57.10	1.011	0.823	0.642	0.482	0.346	0.223	0.092	-0.066	-0.268	-0.516
5721	57.20	-0.808	-1.116	-1.414	-1.671	-1.848	-1.997	-2.070	-2.111	-2.148	-2.205
5731	57.30	-2.289	-2.389	-2.484	-2.542	-2.551	-2.473	-2.348	-2.188	-2.018	-1.857
5741	57.40	-1.710	-1.570	-1.424	-1.256	-1.064	-0.852	-0.639	-0.445	-0.291	-0.185
5751	57.50	-0.128	-0.107	-0.100	-0.085	-0.042	0.040	0.158	0.298	0.436	0.543
5761	57.60	0.595	0.576	0.484	0.331	0.140	-0.066	-0.265	-0.444	-0.598	-0.729
5771	57.70	-0.845	-0.952	-1.059	-1.166	-1.274	-1.373	-1.450	-1.486	-1.461	-1.364
5781	57.80	-1.196	-0.974	-0.731	-0.506	-0.325	-0.206	-0.135	-0.082	-0.007	0.121
5791	57.90	0.311	0.548	0.792	0.999	1.129	1.161	1.095	0.951	0.756	0.542
5801	58.00	0.337	0.166	0.049	0.013	0.077	0.252	0.532	0.893	1.296	1.691
5811	58.10	2.038	2.310	2.505	2.663	2.756	2.881	3.041	3.243	3.476	3.709
5821	58.20	3.905	4.027	4.044	3.940	3.718	3.398	3.020	2.635	2.294	2.044
5831	58.30	1.912	1.908	2.018	2.212	2.454	2.703	2.921	3.104	3.212	3.243
5841	58.40	3.193	3.068	2.868	2.624	2.357	2.092	1.848	1.631	1.437	1.251
5851	58.50	1.057	0.865	0.618	0.390	0.183	0.013	-0.113	-0.204	-0.275	-0.347
5861	58.60	-0.432	-0.527	-0.622	-0.701	-0.752	-0.780	-0.800	-0.836	-0.898	-0.997
5871	58.70	-1.118	-1.238	-1.334	-1.394	-1.423	-1.439	-1.466	-1.521	-1.607	-1.711
5881	58.80	-1.812	-1.892	-1.941	-1.962	-1.966	-1.965	-1.968	-1.978	-1.994	-2.014
5891	58.90	-2.041	-2.079	-2.130	-2.191	-2.253	-2.305	-2.339	-2.361	-2.383	-2.420
5901	59.00	-2.484	-2.571	-2.665	-2.747	-2.802	-2.833	-2.859	-2.902	-2.978	-3.082
5911	59.10	-3.184	-3.253	-3.255	-3.190	-3.080	-2.965	-2.877	-2.825	-2.784	-2.711
5921	59.20	-2.568	-2.343	-2.065	-1.791	-1.579	-1.460	-1.422	-1.421	-1.398	-1.315
5931	59.30	-1.174	-1.009	-0.870	-0.790	-0.770	-0.779	-0.775	-0.731	-0.657	-0.589
5941	59.40	-0.568	-0.612	-0.698	-0.773	-0.780	-0.695	-0.542	-0.387	-0.300	-0.314
5951	59.50	-0.405	-0.502	-0.526	-0.443	-0.289	-0.163	-0.173	-0.375	-0.730	-1.111
5961	59.60	-1.358	-1.508	-1.725	-0.393	-0.265	-0.380	-0.625	-0.778	-0.778	-0.610
5971	59.70	-0.000	0.992	2.133	3.107	3.842					

Table 7-8-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1917 306-GR-1-15 U-D (U-D) MYOUKEN BRIDGE MAX. ACC. = -17.815 (GAL) T= 5.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-3.817	-2.133	1.192	5.199	8.436	9.492	7.566	2.850	-3.454	-9.498
11	0.10	-13.419	-13.979	-10.988	-5.346	1.301	7.143	10.805	11.749	10.331	7.549
21	0.20	4.565	2.353	1.218	0.976	1.078	0.958	0.337	-0.455	-1.560	-1.838
31	0.30	-1.157	0.417	2.399	4.058	4.703	3.947	1.860	-1.062	-4.090	-6.517
41	0.40	-7.879	-8.054	-7.225	-5.744	-3.975	-2.185	-0.531	0.898	2.017	2.722
51	0.50	2.924	2.617	1.940	1.171	0.649	0.644	1.236	2.261	3.365	4.128
61	0.60	4.231	3.571	2.288	0.700	-0.821	-1.973	-2.597	-2.682	-2.322	-1.646
71	0.70	-0.779	0.167	1.086	1.882	2.379	2.552	2.363	1.874	1.216	0.542
81	0.80	-0.019	-0.388	-0.539	-0.468	-0.173	0.347	1.051	1.819	2.432	2.613
91	0.90	2.130	0.922	-0.814	-2.624	-3.929	-4.230	-3.323	-1.421	0.879	2.790
101	1.00	3.625	3.058	1.264	-1.142	-3.331	-4.573	-4.499	-3.225	-1.277	0.631
111	1.10	1.877	2.147	1.524	0.409	-0.667	-1.251	-1.120	-0.333	0.838	2.026
121	1.20	2.896	3.232	2.957	2.114	0.834	-0.693	-2.236	-3.537	-4.366	-4.481
131	1.30	-3.885	-2.670	-1.141	0.355	1.464	1.979	1.895	1.389	0.736	0.103
141	1.40	-0.147	-0.289	-0.347	-0.475	-0.708	-0.959	-1.061	-0.868	-0.355	0.337
151	1.50	0.938	1.162	0.868	0.052	-0.954	-1.771	-2.035	-1.554	-0.394	1.151
161	1.60	2.664	3.752	4.171	3.879	3.018	1.844	0.632	-0.388	-1.072	-1.359
171	1.70	-1.260	-0.841	-0.211	0.486	1.092	1.463	1.499	1.168	0.516	-0.348
181	1.80	-1.282	-2.128	-2.738	-2.975	-2.730	-1.943	-0.642	1.026	2.790	4.290
191	1.90	5.171	5.195	4.331	2.792	0.981	-0.639	-1.690	-2.005	-1.667	-0.947
201	2.00	-0.190	0.330	0.496	0.361	0.088	-0.150	-0.255	-0.247	-0.237	-0.364
211	2.10	-0.727	-1.344	-2.149	-3.021	-3.820	-4.407	-4.654	-4.450	-3.713	-2.433
221	2.20	-0.721	1.157	2.801	3.762	3.684	2.453	0.286	-2.277	-4.514	-5.734
231	2.30	-5.518	-3.875	-1.265	1.539	3.699	4.593	4.024	2.281	0.033	-1.913
241	2.40	-2.892	-2.611	-1.242	0.660	2.372	3.278	3.093	1.962	0.380	-1.013
251	2.50	-1.702	-1.509	-0.664	0.298	0.776	0.377	-0.891	-2.590	-4.022	-4.511
261	2.60	-3.706	-1.754	0.734	2.908	4.021	3.732	2.241	0.205	-1.550	-2.369
271	2.70	-2.042	-0.861	0.532	1.460	1.521	0.277	-0.294	-1.026	-0.884	-0.273
281	2.80	2.113	3.966	5.101	5.034	3.713	1.526	-0.871	-2.818	-3.887	-3.991
291	2.90	-3.350	-2.340	-1.323	-0.522	-0.004	0.272	0.364	0.294	0.048	-0.372
301	3.00	-0.897	-1.373	-1.604	-1.439	-0.849	0.039	0.961	1.712	2.049	1.954
311	3.10	1.527	0.935	0.324	-0.253	-0.843	-1.541	-2.415	-3.435	-4.468	-5.312
321	3.20	-5.723	-5.736	-5.187	-4.202	-2.902	-1.404	0.188	1.773	3.216	4.335
331	3.30	4.927	4.834	4.020	2.621	0.942	-0.623	-1.711	-2.106	-1.796	-0.966
341	3.40	0.095	1.106	1.889	2.402	2.702	2.878	2.967	2.931	2.678	2.136
351	3.50	1.317	0.354	-0.532	-1.112	-1.243	-0.936	-0.356	0.238	0.594	0.562
361	3.60	0.139	-0.543	-1.282	-1.888	-2.238	-2.296	-2.092	-1.680	-1.113	-0.442
371	3.70	0.269	0.921	1.389	1.558	1.387	0.948	0.431	0.093	0.155	0.709
381	3.80	1.668	2.782	3.733	4.251	4.215	3.680	2.835	1.910	1.080	0.416
391	3.90	-0.090	-0.468	-0.701	-0.704	-0.368	0.357	1.377	2.434	3.166	3.239
401	4.00	2.496	1.050	-0.732	-2.343	-3.321	-3.411	-2.649	-1.333	0.111	1.293
411	4.10	1.993	2.213	2.127	1.969	1.917	2.015	2.159	2.162	1.839	1.092
421	4.20	-0.040	-1.379	-2.658	-3.588	-3.940	-3.609	-2.651	-1.268	0.236	1.552
431	4.30	2.457	2.883	2.932	2.810	2.725	2.768	2.858	2.767	2.238	1.134
441	4.40	-0.454	-2.198	-3.648	-4.424	-4.396	-3.756	-2.933	-2.378	-2.318	-2.609
451	4.50	-2.765	-2.188	-0.493	2.225	5.313	7.748	8.515	7.037	3.658	-1.358
461	4.60	-6.104	-9.501	-10.741	-9.740	-7.102	-3.821	-0.876	1.103	1.982	2.033
471	4.70	1.703	1.364	1.171	1.087	1.010	0.928	0.982	1.412	2.401	3.917
481	4.80	5.644	7.053	7.589	6.888	4.938	2.100	-0.995	-3.639	-5.253	-5.529
491	4.90	-4.488	-2.458	0.005	2.236	3.611	3.708	2.465	0.268	-2.083	-3.590

Table 7-8-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1917 306-GR-1-15 U-D (U-D) MYOUKEN BRIDGE MAX. ACC. = -17.815 (GAL) T= 5.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-3.397	-1.175	2.624	6.788	9.687	9.858	6.616	0.431	-7.123	-13.864
511	5.10	-17.486	-17.816	-14.223	-8.512	-2.618	0.937	1.778	-0.007	-3.084	-5.716
521	5.20	-6.525	-5.047	-1.647	1.827	4.656	5.816	5.432	4.149	3.020	2.406
531	5.30	3.641	4.981	5.895	5.536	3.572	0.368	-3.140	-5.828	-6.859	-5.911
541	5.40	-3.471	-0.438	2.139	3.470	3.285	1.891	0.006	-1.537	-2.106	-1.499
551	5.50	-0.003	1.720	2.885	2.876	1.496	-0.940	-3.684	-5.807	-6.538	-5.561
561	5.60	-3.168	-0.186	2.306	3.376	2.598	0.228	-2.872	-5.554	-6.813	-6.156
571	5.70	-3.774	-0.432	2.847	5.179	6.131	5.818	4.763	3.604	2.769	2.401
581	5.80	2.170	1.676	0.607	-1.030	-2.869	-4.314	-4.786	-3.975	-1.981	0.702
591	5.90	3.362	5.304	6.071	5.549	3.949	1.688	-0.778	-3.069	-4.949	-8.300
601	6.00	-7.070	-7.214	-6.673	-5.404	-3.434	-0.921	1.827	4.378	6.251	7.029
611	6.10	6.467	4.570	1.622	-1.866	-5.252	-7.910	-9.369	-9.419	-8.146	-5.885
621	6.20	-3.119	-0.333	2.102	4.001	5.357	6.275	6.879	7.226	7.278	6.924
631	6.30	6.052	4.623	2.730	0.592	-1.490	-3.214	-4.357	-4.820	-4.625	-3.878
641	6.40	-2.714	-1.256	0.388	2.094	3.670	4.824	5.192	4.433	2.370	-0.849
651	6.50	-4.676	-8.207	-10.382	-10.307	-7.584	-2.542	3.732	9.785	13.975	15.268
661	6.60	13.479	9.379	4.450	0.351	-1.678	-1.256	1.025	3.858	5.758	5.642
671	6.70	3.226	-0.901	-5.554	-9.427	-11.568	-11.660	-10.015	-7.339	-4.387	-1.696
681	6.80	0.508	2.230	3.529	4.370	4.609	4.096	2.845	1.148	-0.450	-1.317
691	6.90	-0.971	0.713	3.446	6.623	9.546	11.659	12.702	12.722	11.967	10.738
701	7.00	9.263	7.652	5.933	4.110	2.211	0.286	-1.626	-3.524	-5.430	-7.334
711	7.10	-9.127	-10.579	-11.391	-11.309	-10.268	-8.458	-6.302	-4.310	-2.901	-2.244
721	7.20	-2.227	-2.544	-2.860	-2.978	-2.911	-2.839	-2.980	-3.466	-4.174	-4.943
731	7.30	-5.585	-5.903	-5.930	-5.774	-5.522	-5.131	-4.395	-3.043	-0.905	1.921
741	7.40	5.023	7.774	9.576	10.113	9.513	8.310	7.222	6.830	7.303	8.304
751	7.50	9.114	8.939	7.245	4.010	-0.246	-4.622	-8.152	-10.104	-10.186	-8.575
761	7.60	-5.804	-2.554	0.539	3.027	4.696	5.549	5.750	5.557	5.243	5.030
771	7.70	5.022	5.163	5.247	4.985	4.132	2.809	0.592	-1.515	-3.203	-4.653
781	7.80	-3.915	-2.287	-1.746	-0.843	-0.748	-1.663	-3.353	-5.345	-7.034	-7.905
791	7.90	-7.683	-6.377	-4.220	-1.566	1.208	3.749	5.732	6.852	6.853	5.599
801	8.00	3.165	-0.098	-3.588	-6.586	-8.453	-8.847	-7.830	-5.857	-3.608	-1.750
811	8.10	-0.713	-0.571	-1.062	-1.735	-2.149	-2.043	-1.412	-0.478	0.436	1.037
821	8.20	1.180	0.906	0.407	-0.055	-0.249	-0.056	0.493	1.229	1.899	2.255
831	8.30	2.160	1.558	0.683	-0.182	-0.708	-0.658	0.034	1.235	2.682	4.109
841	8.40	5.316	6.485	7.652	9.049	10.791	12.803	14.010	14.367	13.105	9.966
851	8.50	5.148	-0.702	-6.654	-11.752	-15.262	-16.839	-16.541	-14.728	-11.907	-8.580
861	8.60	-5.158	-1.956	0.784	2.856	4.091	4.393	3.781	2.517	1.586	-1.557
871	8.70	-3.059	-4.232	-4.494	-4.380	-3.351	-1.795	-0.036	1.505	2.351	2.104
881	8.80	0.576	-2.102	-5.458	-8.773	-11.280	-12.400	-11.937	-10.135	-7.584	-5.000
891	8.90	-2.978	-1.801	-1.399	-1.441	-1.536	-1.421	-1.072	-0.687	-0.552	-0.866
901	9.00	-1.616	-2.521	-3.145	-3.048	-1.970	0.057	2.701	5.426	7.665	8.989
911	9.10	9.227	8.499	7.149	5.624	4.333	3.539	3.304	3.525	3.982	4.451
921	9.20	4.769	4.874	4.788	4.571	4.271	3.887	3.378	2.690	1.813	0.808
931	9.30	-0.193	-1.027	-1.555	-1.713	-1.536	-1.121	-0.602	-0.067	0.452	0.983
941	9.40	1.574	2.248	2.978	3.689	4.290	4.712	4.932	4.964	4.830	4.523
951	9.50	3.999	3.192	2.066	0.658	-0.896	-2.384	-3.594	-4.367	-4.660	-4.562
961	9.60	-4.145	-3.599	-2.972	-2.258	-1.410	-0.408	0.696	1.759	2.590	3.020
971	9.70	2.971	2.483	1.733	0.880	0.082	-0.601	-1.195	-1.774	-2.401	-3.067
981	9.80	-3.700	-4.185	-4.414	-4.331	-3.942	-3.296	-2.457	-1.476	-0.385	0.773
991	9.90	1.921	2.930	3.637	3.890	3.598	2.773	1.537	0.087	-1.357	-2.609

Table 7-8-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1917 306-GR-1-15 U-D (U-D) MYOUKEN BRIDGE MAX. ACC. = -17.815 (GAL) T= 5.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-3.554	-4.161	-4.467	-4.553	-4.519	-4.453	-4.413	-4.402	-4.350	-4.122
1011	10.10	-3.541	-2.458	-0.821	1.265	3.527	5.574	7.006	7.540	7.108	5.881
1021	10.20	4.222	2.570	1.315	0.705	0.814	1.569	2.797	4.279	5.770	7.011
1031	10.30	7.737	7.725	6.866	5.237	3.135	1.025	-0.594	-1.366	-1.222	-0.419
1041	10.40	0.556	1.176	1.115	0.373	-0.724	-1.686	-2.101	-1.839	-1.136	-0.490
1051	10.50	-0.833	-1.273	-2.930	-4.947	-6.667	-7.507	-7.194	-5.877	-4.053	-2.361
1061	10.60	-1.332	-1.298	-1.990	-3.054	-4.244	-5.123	-5.546	-5.427	-4.922	-4.247
1071	10.70	-3.372	-2.305	-1.331	0.282	0.647	1.331	1.685	1.696	1.438	1.041
1081	10.80	0.643	0.356	0.243	0.353	0.723	1.386	2.354	3.576	4.911	6.146
1091	10.90	7.050	7.458	7.342	6.826	6.121	5.441	4.891	4.426	3.887	3.110
1101	11.00	2.035	0.779	-0.392	-1.181	-1.405	-1.106	-0.568	-0.211	-0.415	-1.353
1111	11.10	-2.903	-4.690	-6.233	-7.132	-7.216	-6.583	-5.533	-4.418	-3.500	-2.866
1121	11.20	-2.446	-2.098	-1.725	-1.347	-1.104	-1.195	-1.755	-2.782	-4.106	-5.424
1131	11.30	-6.402	-6.782	-6.463	-5.530	-4.225	-2.872	-1.778	-1.156	-1.062	-1.389
1141	11.40	-1.900	-2.300	-2.336	-1.875	-0.961	0.203	1.325	2.132	2.483	2.427
1151	11.50	2.186	2.067	2.326	3.063	4.169	5.376	6.362	6.892	6.902	6.511
1161	11.60	5.946	5.423	5.042	4.750	4.389	3.801	2.939	1.922	1.002	0.458
1171	11.70	0.464	0.994	1.813	2.561	2.898	2.643	1.854	0.795	-0.166	-0.708
1181	11.80	-0.685	-0.173	0.571	1.217	1.492	1.277	0.628	-0.262	-1.157	-1.868
1191	11.90	-2.319	-2.545	-2.656	-2.772	-2.966	-3.240	-3.536	-3.768	-3.870	-3.816
1201	12.00	-3.627	-3.352	-3.040	-2.719	-2.394	-2.050	-1.674	-1.265	-0.841	-0.427
1211	12.10	-0.047	0.290	0.591	0.872	1.152	1.443	1.747	2.058	2.362	2.633
1221	12.20	2.834	2.912	2.808	2.680	1.934	1.249	0.579	0.120	0.056	0.476
1231	12.30	1.328	2.408	3.409	4.015	4.005	3.327	2.120	0.654	-0.758	-1.868
1241	12.40	-2.557	-2.862	-2.831	-2.654	-2.395	-2.080	-1.697	-1.248	-0.799	-0.483
1251	12.50	-0.470	-0.890	-1.766	-2.977	-4.275	-5.357	-5.959	-5.919	-5.526	-4.297
1261	12.60	-3.122	-2.077	-1.370	-1.094	-1.221	-1.620	-2.136	-2.557	-2.726	-2.531
1271	12.70	-1.930	-0.959	0.265	1.562	2.724	3.560	3.949	3.877	3.443	2.832
1281	12.80	2.253	1.878	1.788	1.964	2.312	2.724	3.141	3.587	4.162	4.982
1291	12.90	6.106	7.474	8.686	10.043	10.644	10.484	9.534	7.956	6.052	4.158
1301	13.00	2.540	1.318	0.459	-0.149	-0.715	-1.264	-1.804	-2.243	-2.467	-2.405
1311	13.10	-2.068	-1.556	-1.008	-0.555	-0.274	-0.175	-0.219	-0.350	-0.528	-0.736
1321	13.20	-0.975	-1.243	-1.531	-1.822	-2.114	-2.425	-2.796	-3.261	-3.816	-4.395
1331	13.30	-4.874	-5.114	-5.020	-4.590	-3.932	-3.229	-2.674	-2.397	-2.421	-2.670
1341	13.40	-3.019	-3.360	-3.650	-3.907	-4.171	-4.439	-4.622	-4.560	-4.087	-3.127
1351	13.50	-1.767	-0.274	0.973	1.609	1.421	0.437	-1.065	-2.649	-3.856	-4.352
1361	13.60	-4.018	-2.964	-1.460	0.160	1.604	2.681	3.313	3.508	3.322	2.835
1371	13.70	2.138	1.343	0.584	0.007	-0.262	-0.158	0.301	1.012	1.824	2.589
1381	13.80	3.215	3.683	4.043	4.363	4.680	4.964	5.113	4.994	4.505	3.628
1391	13.90	2.464	1.214	0.124	-0.589	-0.803	-0.533	0.083	0.828	1.475	1.847
1401	14.00	1.863	1.542	0.987	0.346	-0.231	-0.625	-0.770	-0.665	-0.369	0.012
1411	14.10	0.346	0.507	0.408	0.031	-0.570	-1.271	-1.921	-2.383	-2.574	-2.491
1421	14.20	-2.201	-1.810	-1.419	-1.087	-0.824	-0.595	-0.355	-0.078	0.225	0.514
1431	14.30	0.736	0.856	0.869	0.802	0.692	0.569	0.440	0.292	0.107	-0.121
1441	14.40	-0.370	-0.605	-0.784	-0.884	-0.904	-0.862	-0.771	-0.626	-0.399	-0.059
1451	14.50	0.399	0.925	1.410	1.716	1.725	1.411	0.862	0.269	-0.134	-0.158
1461	14.60	0.251	0.983	1.784	2.341	2.395	1.831	0.723	-0.691	-2.099	-3.218
1471	14.70	-3.881	-4.078	-3.927	-3.608	-3.276	-3.007	-2.775	-2.496	-2.087	-1.535
1481	14.80	-0.926	-0.434	-0.260	-0.556	-1.349	-2.520	-3.819	-4.943	-5.620	-5.693
1491	14.90	-5.160	-4.163	-2.933	-1.713	-0.686	0.081	0.539	0.821	0.998	1.140

Table 7-8-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1917 306-GR-1-15 U-D (U-D) MYOUKEN BRIDGE MAX. ACC. = -17.815 (GAL) T= 5.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.273	1.386	1.448	1.429	1.315	1.115	0.859	0.594	0.380	0.266
1511	15.10	0.376	0.688	1.211	1.867	2.521	3.007	3.183	2.979	2.432	1.674
1521	15.20	0.892	0.261	-0.108	-0.196	-0.054	0.243	0.645	1.154	1.799	2.598
1531	15.30	3.505	4.393	5.084	5.414	5.308	4.820	4.116	3.399	2.612	2.375
1541	15.40	1.982	1.462	0.698	-0.282	-1.279	-1.975	-2.071	-1.426	-0.145	1.428
1551	15.50	2.820	3.598	3.523	2.631	1.206	-0.330	-1.577	-2.274	-2.359	-1.940
1561	15.60	-1.214	-0.376	0.444	1.185	1.832	2.372	2.767	2.964	2.921	2.641
1571	15.70	2.186	1.659	1.167	0.783	0.517	0.327	0.168	-0.074	-0.354	-0.666
1581	15.80	-0.965	-1.211	-1.395	-1.538	-1.679	-1.847	-2.048	-2.252	-2.414	-2.485
1591	15.90	-2.442	-2.291	-2.068	-1.822	-1.601	-1.442	-1.364	-1.372	-1.470	-1.656
1601	16.00	-1.931	-2.291	-2.722	-3.196	-3.661	-4.067	-4.353	-4.470	-4.392	-4.124
1611	16.10	-3.703	-3.195	-2.675	-2.209	-1.833	-1.545	-1.306	-1.056	-0.740	-0.335
1621	16.20	0.132	0.570	0.844	1.093	0.998	0.676	0.219	-0.233	-0.524	-0.541
1631	16.30	-0.243	0.318	1.011	1.676	2.171	2.428	2.472	2.405	2.358	2.429
1641	16.40	2.632	2.884	3.036	2.936	2.511	1.806	0.988	0.286	-0.093	-0.068
1651	16.50	0.369	0.972	1.508	1.754	1.591	1.039	0.233	-0.641	-1.419	-2.010
1661	16.60	-2.402	-2.642	-2.792	-2.899	-2.985	-3.061	-3.145	-3.262	-3.432	-3.639
1671	16.70	-3.808	-3.813	-3.510	-2.804	-1.690	-0.282	1.228	2.630	3.776	4.623
1681	16.80	5.231	5.704	6.119	6.479	6.658	6.547	6.049	5.193	4.159	3.229
1691	16.90	2.692	2.728	3.334	4.310	5.331	6.059	6.260	5.878	5.028	3.943
1701	17.00	2.868	1.974	1.317	0.838	0.421	-0.066	-0.618	-1.280	-1.966	-2.598
1711	17.10	-3.129	-3.554	-3.911	-4.245	-4.584	-4.918	-5.203	-5.383	-5.416	-5.302
1721	17.20	-5.079	-4.816	-4.580	-4.415	-4.325	-4.278	-4.228	-4.133	-3.977	-3.772
1731	17.30	-3.544	-3.320	-3.107	-2.896	-2.666	-2.402	-2.107	-1.804	-1.524	-1.288
1741	17.40	-1.089	-0.897	-0.667	-0.388	-0.001	0.379	0.704	0.888	0.880	0.677
1751	17.50	0.328	-0.078	-0.445	-0.691	-0.743	-0.855	-0.948	-0.990	-0.905	-1.008
1761	17.60	1.491	1.603	1.501	1.047	0.360	-0.404	-1.057	-1.437	-1.461	-1.151
1771	17.70	-0.628	-0.052	0.434	0.758	0.928	1.007	1.070	1.154	1.245	1.292
1781	17.80	1.247	1.104	0.915	0.768	0.755	0.922	1.256	1.696	2.166	2.617
1791	17.90	3.043	3.465	3.897	4.309	4.613	4.696	4.467	3.921	3.165	2.401
1801	18.00	1.857	1.706	1.992	2.617	3.372	4.018	4.375	4.375	4.067	3.584
1811	18.10	3.047	2.612	2.242	1.922	1.590	1.210	0.786	0.380	-0.018	-0.320
1821	18.20	-0.561	-0.785	-1.039	-1.324	-1.623	-1.826	-1.574	-1.087	-0.682	-0.482
1831	18.30	0.059	0.345	0.245	-0.261	-1.067	-1.981	-2.787	-3.324	-3.534	-3.473
1841	18.40	-3.271	-3.067	-2.947	-2.913	-2.898	-2.816	-2.624	-2.358	-2.126	-2.059
1851	18.50	-2.242	-2.662	-3.204	-3.697	-3.991	-4.032	-3.883	-3.691	-3.603	-3.680
1861	18.60	-3.854	-3.951	-3.777	-3.231	-2.375	-1.429	-0.689	-0.388	-0.583	-1.111
1871	18.70	-1.649	-1.851	-1.503	-0.623	0.562	1.620	2.278	2.364	1.975	1.402
1881	18.80	1.006	1.061	1.643	2.620	3.716	4.647	5.225	5.425	5.348	5.155
1891	18.90	4.973	4.837	4.690	4.460	4.026	3.459	2.836	2.277	1.888	1.687
1901	19.00	1.606	1.517	1.295	0.870	0.259	-0.449	-1.132	-1.686	-2.061	-2.269
1911	19.10	-2.357	-2.378	-2.360	-2.296	-2.154	-1.911	-1.570	-1.173	-0.789	-0.485
1921	19.20	-0.303	-0.243	-0.271	-0.360	-0.413	-0.485	-0.578	-0.719	-0.910	-1.116
1931	19.30	-1.247	-1.212	-0.938	-0.617	0.278	1.018	1.656	2.092	2.307	2.369
1941	19.40	2.400	2.516	2.775	3.169	3.546	3.856	4.011	4.019	3.952	3.906
1951	19.50	3.930	3.992	3.977	3.738	3.179	2.317	1.298	0.352	-0.308	-0.580
1961	19.60	-0.535	-0.397	-0.436	-0.962	-1.916	-3.235	-4.597	-5.655	-6.153	-6.024
1971	19.70	-5.408	-4.590	-3.891	-3.546	-3.633	-4.075	-4.690	-5.281	-5.705	-5.911
1981	19.80	-5.927	-5.813	-5.626	-5.386	-5.088	-4.719	-4.287	-3.824	-3.378	-2.984
1991	19.90	-2.642	-2.313	-1.934	-1.450	-0.861	-0.131	0.617	1.334	1.973	2.521

Table 7-8-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1917 306-GR-1-15 U-D (U-D) MYOUKEN BRIDGE MAX. ACC. = -17.815 (GAL) T= 5.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	2.998	3.431	3.831	4.177	4.429	4.507	4.405	4.125	3.721	3.272
2011	20.10	2.863	2.553	2.370	2.314	2.363	2.490	2.662	2.836	2.959	2.968
2021	20.20	2.804	2.439	1.893	1.244	0.606	0.102	-0.101	-0.216	-0.042	0.256
2031	20.30	0.577	0.859	0.989	1.006	0.872	0.579	0.115	-0.513	-1.255	-2.005
2041	20.40	-2.622	-2.944	-2.945	-2.575	-1.982	-1.280	-0.698	-0.319	-0.135	-0.046
2051	20.50	0.087	0.369	0.810	1.316	1.731	1.904	1.771	1.384	0.897	0.507
2061	20.60	0.372	0.550	0.982	1.524	2.000	2.269	2.260	1.979	1.483	0.852
2071	20.70	0.166	-0.499	-1.069	-1.469	-1.634	-1.534	-1.198	-0.723	-0.254	0.060
2081	20.80	0.118	-0.092	-0.494	-0.956	-1.343	-1.589	-1.702	-1.766	-1.882	-2.127
2091	20.90	-2.502	-2.939	-3.328	-3.567	-3.605	-3.458	-3.187	-2.865	-2.540	-2.222
2101	21.00	-1.892	-1.532	-1.156	-0.817	-0.589	-0.536	-0.670	-0.936	-1.221	-1.392
2111	21.10	-1.347	-1.053	-0.556	0.037	0.595	1.013	1.240	1.290	1.230	1.147
2121	21.20	1.124	1.217	1.447	1.801	2.240	2.712	3.154	3.507	3.724	3.779
2131	21.30	3.675	3.447	3.148	2.838	2.562	2.338	2.151	1.967	1.747	1.469
2141	21.40	1.141	0.798	0.491	0.266	0.147	0.123	0.159	0.208	0.234	0.228
2151	21.50	0.211	0.224	0.304	0.469	0.697	0.933	1.106	1.153	1.044	0.790
2161	21.60	0.441	0.083	-0.287	-0.581	-0.824	-1.041	-1.258	-1.479	-1.678	-1.808
2171	21.70	-1.623	-1.701	-1.455	-1.135	-0.800	-0.496	-0.235	0.010	0.282	0.619
2181	21.80	1.027	1.472	1.899	2.256	2.522	2.720	2.903	3.121	3.390	3.670
2191	21.90	3.870	3.886	3.648	3.151	2.473	1.744	1.105	0.652	0.403	0.296
2201	22.00	0.223	0.069	-0.239	-0.709	-1.295	-1.917	-2.503	-3.008	-3.425	-3.775
2211	22.10	-4.084	-4.365	-4.608	-4.784	-4.860	-4.811	-4.636	-4.353	-4.005	-3.639
2221	22.20	-3.303	-3.031	-2.837	-2.715	-2.634	-2.551	-2.423	-2.217	-1.926	-1.569
2231	22.30	-1.187	-0.824	-0.511	-0.256	-0.041	0.167	0.400	0.676	0.987	1.315
2241	22.40	1.632	1.923	2.169	2.440	2.683	2.912	3.100	3.203	3.180	3.010
2251	22.50	2.701	2.294	1.849	1.425	1.066	0.786	0.577	0.417	0.283	0.164
2261	22.60	0.057	-0.034	-0.104	-0.158	-0.208	-0.272	-0.365	-0.493	-0.648	-0.811
2271	22.70	-0.950	-1.033	-1.032	-0.935	-0.750	-0.507	-0.254	-0.043	0.078	0.087
2281	22.80	-0.014	-0.198	-0.425	-0.656	-0.863	-1.035	-1.169	-1.261	-1.302	-1.273
2291	22.90	-1.156	-0.946	-0.662	-0.345	-0.048	0.181	0.315	0.357	0.332	0.269
2301	23.00	0.188	0.088	-0.046	-0.230	-0.462	-0.714	-0.935	-1.071	-1.089	-0.989
2311	23.10	-0.807	-0.603	-0.429	-0.318	-0.267	-0.246	-0.218	-0.153	-0.043	0.104
2321	23.20	0.274	0.456	0.651	0.866	1.104	1.350	1.573	1.730	1.786	1.724
2331	23.30	1.557	1.319	1.051	0.788	0.545	0.324	0.121	-0.064	-0.218	-0.326
2341	23.40	-0.378	-0.386	-0.380	-0.404	-0.491	-0.647	-0.845	-1.026	-1.129	-1.112
2351	23.50	-0.974	-0.755	-0.518	-0.326	-0.212	-0.172	-0.169	-0.158	-0.107	-0.016
2361	23.60	0.088	0.166	0.187	0.150	0.087	0.051	0.092	0.240	0.469	0.802
2371	23.70	1.125	1.409	1.619	1.746	1.801	1.799	1.753	1.667	1.537	1.357
2381	23.80	1.131	0.868	0.586	0.306	0.044	-0.192	-0.396	-0.565	-0.692	-0.762
2391	23.90	-0.761	-0.679	-0.520	-0.304	-0.063	0.161	0.331	0.423	0.431	0.365
2401	24.00	0.250	0.112	-0.024	-0.142	-0.236	-0.306	-0.360	-0.406	-0.454	-0.509
2411	24.10	-0.577	-0.657	-0.747	-0.839	-0.924	-0.994	-1.041	-1.061	-1.054	-1.022
2421	24.20	-0.966	-0.889	-0.794	-0.686	-0.568	-0.446	-0.321	-0.190	-0.038	0.150
2431	24.30	0.395	0.705	1.072	1.466	1.836	2.121	2.267	2.242	2.049	1.731
2441	24.40	1.358	1.012	0.765	0.664	0.715	0.893	1.144	1.406	1.626	1.767
2451	24.50	1.810	1.759	1.623	1.418	1.164	0.882	0.601	0.363	0.212	0.188
2461	24.60	0.309	0.556	0.869	1.153	1.298	1.219	0.875	0.298	-0.421	-1.138
2471	24.70	-1.714	-2.043	-2.086	-1.877	-1.510	-1.099	-0.744	-0.502	-0.375	-0.321
2481	24.80	-0.280	-0.202	-0.049	0.102	0.263	0.363	0.358	0.273	0.173	-0.145
2491	24.90	-0.344	-0.490	-0.572	-0.609	-0.636	-0.687	-0.783	-0.917	-1.066	-1.196

Table 7-8-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1917 306-GR-1-15 U-D (U-D) MYOUKEN BRIDGE MAX. ACC. = -17.815 (GAL) T= 5.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-1.236	-1.339	-1.380	-1.449	-1.574	-1.757	-1.960	-2.117	-2.156	-2.030
2511	25.10	-1.737	-1.331	-0.902	-0.544	-0.328	-0.276	-0.366	-0.547	-0.772	-1.008
2521	25.20	-1.267	-1.485	-1.707	-1.869	-1.913	-1.781	-1.456	-0.975	-0.432	0.051
2531	25.30	0.371	0.478	0.392	0.187	-0.069	-0.258	-0.422	-0.581	-0.774	-1.012
2541	25.40	-1.245	-1.370	-1.272	-0.879	-0.205	0.425	1.057	2.066	2.928	3.211
2551	25.50	1.799	1.242	0.712	0.337	0.170	0.189	0.319	0.482	0.624	0.733
2561	25.60	0.835	0.966	1.154	1.403	1.687	1.962	2.182	2.310	2.330	2.242
2571	25.70	2.062	1.812	1.514	1.191	0.862	0.550	0.278	0.070	-0.053	-0.079
2581	25.80	-0.011	0.133	0.318	0.508	0.671	0.792	0.875	0.938	0.998	1.065
2591	25.90	1.128	1.160	1.130	1.013	0.804	0.514	0.166	-0.215	-0.612	-1.015
2601	26.00	-1.413	-1.783	-2.086	-2.278	-2.322	-2.211	-1.974	-1.673	-1.380	-1.148
2611	26.10	-0.997	-0.901	-0.810	-0.679	-0.489	-0.259	-0.038	0.117	0.169	0.113
2621	26.20	-0.026	-0.211	-0.416	-0.630	-0.859	-1.109	-1.370	-1.608	-1.777	-1.836
2631	26.30	-1.769	-1.598	-1.370	-1.141	-0.950	-0.808	-0.698	-0.593	-0.474	-0.343
2641	26.40	-0.217	-0.115	-0.038	0.035	0.146	0.331	0.598	0.914	1.209	1.397
2651	26.50	1.409	1.220	0.857	0.392	-0.082	-0.476	-0.730	-0.818	-0.747	-0.546
2661	26.60	-0.254	0.092	0.460	0.820	1.148	1.421	1.616	1.711	1.691	1.552
2671	26.70	1.307	0.985	0.635	0.309	0.047	-0.131	-0.235	-0.292	-0.329	-0.351
2681	26.80	-0.328	-0.202	0.081	0.561	1.134	1.747	2.234	2.459	2.355	1.956
2691	26.90	1.389	0.835	0.466	0.386	0.603	1.033	1.543	1.994	2.286	2.374
2701	27.00	2.261	1.987	1.609	1.193	0.813	0.547	0.463	0.596	0.925	1.367
2711	27.10	1.791	2.058	2.074	1.825	1.383	0.880	0.455	0.194	0.101	0.105
2721	27.20	0.096	-0.018	-0.275	-0.632	-1.013	-1.329	-1.534	-1.641	-1.713	-1.828
2731	27.30	-2.040	-2.353	-2.720	-3.068	-3.316	-3.440	-3.439	-3.351	-3.216	-3.055
2741	27.40	-2.863	-2.653	-2.263	-1.815	-1.291	-0.734	-0.285	0.041	0.179	0.179
2751	27.50	-0.073	-0.361	-0.666	-0.931	-1.122	-1.227	-1.249	-1.193	-1.065	-0.863
2761	27.60	-0.590	-0.258	0.108	0.471	0.790	1.032	1.178	1.232	1.211	1.143
2771	27.70	1.050	0.944	0.827	0.696	0.534	0.345	0.122	-0.130	-0.407	-0.702
2781	27.80	-1.001	-1.285	-1.530	-1.712	-1.817	-1.845	-1.811	-1.737	-1.637	-1.510
2791	27.90	-1.340	-1.109	-0.814	-0.481	-0.1751	0.025	0.053	-0.110	-0.419	-0.771
2801	28.00	-1.037	-1.108	-0.937	-0.589	-0.030	0.508	0.977	1.329	1.567	1.722
2811	28.10	1.825	1.883	1.881	1.803	1.655	1.486	1.369	1.396	1.616	2.017
2821	28.20	2.524	3.020	3.396	3.583	3.588	3.469	3.310	3.174	3.078	2.990
2831	28.30	2.850	2.608	2.256	1.831	1.408	1.063	0.860	0.735	0.701	0.668
2841	28.40	0.582	0.421	0.209	0.001	-0.141	-0.176	-0.101	0.051	0.221	0.344
2851	28.50	0.374	0.291	0.107	-0.149	-0.441	-0.761	-1.034	-1.321	-1.609	-1.903
2861	28.60	-2.196	-2.472	-2.708	-2.878	-2.969	-2.977	-2.910	-2.777	-2.591	-2.357
2871	28.70	-2.088	-1.794	-1.517	-1.299	-1.187	-1.208	-1.352	-1.558	-1.758	-1.780
2881	28.80	-1.242	-0.836	-0.404	-0.114	-0.163	0.483	0.821	1.120	1.420	2.092
2891	28.90	-2.285	-2.131	-1.663	-0.997	-0.290	0.314	0.723	0.914	0.919	0.802
2901	29.00	0.625	0.430	0.232	0.030	-0.176	-0.380	-0.562	-0.696	-0.762	-0.752
2911	29.10	-0.668	-0.519	-0.313	-0.054	0.258	0.614	0.989	1.340	1.613	1.753
2921	29.20	1.728	1.539	1.221	0.837	0.459	0.143	-0.081	-0.213	-0.271	-0.285
2931	29.30	-0.274	-0.243	-0.183	-0.083	0.086	0.256	0.468	0.679	0.865	1.015
2941	29.40	1.124	1.198	1.240	1.246	1.211	1.127	1.000	0.848	0.710	0.633
2951	29.50	0.660	0.814	1.091	1.454	1.847	2.199	2.451	2.559	2.506	2.303
2961	29.60	1.982	1.594	1.193	0.833	0.553	0.370	0.277	0.242	0.222	0.176
2971	29.70	0.081	-0.059	-0.218	-0.356	-0.441	-0.466	-0.442	-0.412	-0.412	-0.460
2981	29.80	-0.549	-0.651	-0.734	-0.782	-0.803	-0.830	-0.896	-1.009	-1.143	-1.236
2991	29.90	-1.224	-1.073	-0.799	-0.489	-0.255	-0.197	-0.353	-0.677	-1.049	-1.325

Table 7-8-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1917 306-GR-1-15 U-D (U-D) MYOUKEN BRIDGE MAX. ACC. = -17.815 (GAL) T= 5.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-1.391	-1.211	-0.839	-0.387	0.022	0.313	0.481	0.587	0.718	0.931
3011	30.10	1.225	1.535	1.760	1.813	1.660	1.332	0.910	0.486	0.129	-0.161
3021	30.20	-0.367	-0.528	-0.711	-0.899	-1.067	-1.187	-1.246	-1.260	-1.266	-1.300
3031	30.30	-1.379	-1.485	-1.577	-1.607	-1.551	-1.416	-1.244	-1.086	-0.981	-0.939
3041	30.40	-0.957	-0.936	-0.901	-0.820	-0.702	-0.575	-0.462	-0.373	-0.298	-0.215
3051	30.50	-0.106	0.036	0.204	0.361	0.552	0.708	0.855	0.999	1.142	1.279
3061	30.60	1.402	1.504	1.590	1.675	1.778	1.906	2.046	2.162	2.210	2.154
3071	30.70	1.987	1.737	1.458	1.212	1.039	0.943	0.897	0.851	0.763	0.614
3081	30.80	0.418	0.213	0.037	-0.085	-0.158	-0.208	-0.273	-0.379	-0.535	-0.723
3091	30.90	-0.917	-1.088	-1.226	-1.332	-1.421	-1.507	-1.593	-1.667	-1.709	-1.699
3101	31.00	-1.629	-1.506	-1.355	-1.204	-1.080	-0.995	-0.946	-0.918	-0.889	-0.843
3111	31.10	-0.771	-0.675	-0.563	-0.446	-0.332	-0.226	-0.132	-0.052	0.013	0.058
3121	31.20	0.084	0.097	0.107	0.128	0.171	0.237	0.311	0.370	0.387	0.342
3131	31.30	0.235	0.086	-0.074	-0.215	-0.325	-0.417	-0.526	-0.694	-0.948	-1.262
3141	31.40	-1.654	-1.993	-2.226	-2.302	-2.207	-1.974	-1.663	-1.340	-1.051	-0.814
3151	31.50	-0.617	-0.433	-0.241	-0.034	0.175	0.364	0.512	0.614	0.682	0.739
3161	31.60	0.809	0.906	1.029	1.166	1.300	1.417	1.514	1.595	1.673	1.761
3171	31.70	1.871	2.009	2.176	2.363	2.551	2.711	2.814	2.833	2.760	2.611
3181	31.80	2.422	2.239	2.100	2.018	1.973	1.918	1.801	1.586	1.272	0.893
3191	31.90	0.504	0.159	-0.114	-0.318	-0.486	-0.655	-0.849	-1.062	-1.263	-1.413
3201	32.00	-1.482	-1.473	-1.414	-1.352	-1.327	-1.354	-1.418	-1.484	-1.511	-1.472
3211	32.10	-1.365	-1.211	-1.037	-0.867	-0.708	-0.556	-0.402	-0.243	-0.088	0.044
3221	32.20	0.136	0.182	0.194	0.199	0.225	0.290	0.391	0.506	0.602	0.649
3231	32.30	0.631	0.562	0.455	0.339	0.236	0.155	0.093	0.039	-0.018	-0.095
3241	32.40	-0.159	-0.234	-0.304	-0.363	-0.413	-0.459	-0.510	-0.570	-0.644	-0.729
3251	32.50	-0.819	-0.908	-0.987	-1.050	-1.092	-1.111	-1.105	-1.072	-1.007	-0.909
3261	32.60	-0.777	-0.622	-0.459	-0.310	-0.196	-0.125	-0.090	-0.066	-0.021	0.075
3271	32.70	0.232	0.436	0.648	0.818	0.906	0.894	0.792	0.637	0.473	0.334
3281	32.80	0.236	0.167	0.105	0.027	-0.078	-0.206	-0.343	-0.475	-0.599	-0.719
3291	32.90	-0.848	-0.988	-1.129	-1.241	-1.291	-1.252	-1.119	-0.914	-0.682	-0.472
3301	33.00	-0.320	-0.238	-0.209	-0.200	-0.173	-0.104	0.008	0.149	0.293	0.418
3311	33.10	0.514	0.584	0.644	0.711	0.796	0.902	1.020	1.136	1.245	1.332
3321	33.20	1.402	1.463	1.523	1.589	1.664	1.739	1.802	1.835	1.826	1.770
3331	33.30	1.670	1.537	1.386	1.226	1.062	0.892	0.712	0.521	0.323	0.127
3341	33.40	-0.059	-0.235	-0.403	-0.588	-0.806	-1.066	-1.361	-1.658	-1.913	-2.084
3351	33.50	-2.142	-2.084	-1.934	-1.730	-1.511	-1.306	-1.126	-0.969	-0.826	-0.693
3361	33.60	-0.569	-0.459	-0.366	-0.281	-0.190	-0.077	0.069	0.241	0.421	0.585
3371	33.70	0.713	0.803	0.871	0.939	1.023	1.120	1.203	1.232	1.172	1.013
3381	33.80	0.777	0.521	0.312	0.205	0.225	0.356	0.554	0.762	0.936	1.059
3391	33.90	1.140	1.204	1.273	1.356	1.440	1.498	1.499	1.423	1.269	1.049
3401	34.00	0.790	0.519	0.256	0.015	-0.201	-0.392	-0.559	-0.706	-0.836	-0.952
3411	34.10	-1.050	-1.160	-1.252	-1.336	-1.401	-1.453	-1.493	-1.526	-1.559	-1.598
3421	34.20	-1.639	-1.678	-1.705	-1.717	-1.713	-1.702	-1.691	-1.689	-1.698	-1.711
3431	34.30	-1.723	-1.726	-1.717	-1.699	-1.674	-1.641	-1.594	-1.524	-1.423	-1.290
3441	34.40	-1.136	-0.979	-0.836	-0.715	-0.610	-0.505	-0.380	-0.220	-0.030	0.172
3451	34.50	0.360	0.513	0.626	0.712	0.800	0.916	1.073	1.265	1.466	1.649
3461	34.60	1.792	1.892	1.965	2.034	2.117	2.217	2.316	2.384	2.391	2.318
3471	34.70	2.165	1.951	1.705	1.454	1.220	1.014	0.834	0.676	0.530	0.389
3481	34.80	0.242	0.084	-0.090	-0.280	-0.476	-0.668	-0.842	-0.991	-1.117	-1.226
3491	34.90	-1.328	-1.428	-1.519	-1.588	-1.615	-1.591	-1.522	-1.426	-1.330	-1.257

Table 7-8-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1917 306-GR-1-15 U-D (U-D) MYOUKEN BRIDGE MAX. ACC. = -17.815 (GAL) T= 5.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-1.212	-1.178	-1.129	-1.036	-0.885	-0.689	-0.478	-0.292	-0.163	-0.099
3511	35.10	-0.083	-0.081	-0.056	0.016	0.140	0.302	0.478	0.645	0.786	0.893
3521	35.20	0.963	0.994	0.984	0.932	0.842	0.728	0.609	0.508	0.436	0.394
3531	35.30	0.370	0.345	0.307	0.254	0.195	0.148	0.122	0.117	0.118	0.100
3541	35.40	0.046	-0.050	-0.173	-0.295	-0.385	-0.425	-0.414	-0.367	-0.307	-0.254
3551	35.50	-0.216	-0.188	-0.157	-0.115	-0.059	0.002	0.055	0.088	0.102	0.105
3561	35.60	0.112	0.133	0.170	0.218	0.269	0.321	0.384	0.480	0.630	0.844
3571	35.70	1.114	1.403	1.663	1.863	1.910	1.860	1.719	1.533	1.354	1.217
3581	35.80	1.139	1.110	1.106	1.100	1.071	1.014	0.938	0.855	0.778	0.716
3591	35.90	0.667	0.623	0.578	0.525	0.464	0.399	0.336	0.280	0.233	0.195
3601	36.00	0.160	0.121	0.072	0.010	-0.066	-0.142	-0.216	-0.276	-0.315	-0.333
3611	36.10	-0.336	-0.338	-0.350	-0.380	-0.431	-0.492	-0.551	-0.595	-0.618	-0.621
3621	36.20	-0.613	-0.607	-0.613	-0.634	-0.665	-0.697	-0.724	-0.744	-0.759	-0.779
3631	36.30	-0.806	-0.842	-0.877	-0.902	-0.911	-0.903	-0.889	-0.885	-0.905	-0.954
3641	36.40	-1.028	-1.112	-1.191	-1.256	-1.309	-1.362	-1.428	-1.512	-1.608	-1.696
3651	36.50	-1.752	-1.759	-1.715	-1.639	-1.559	-1.505	-1.490	-1.508	-1.535	-1.536
3661	36.60	-1.486	-1.375	-1.215	-1.031	-0.856	-0.703	-0.579	-0.470	-0.352	-0.211
3671	36.70	-0.042	0.142	0.317	0.460	0.559	0.617	0.650	0.683	0.736	0.817
3681	36.80	0.922	1.035	1.137	1.216	1.271	1.311	1.350	1.399	1.457	1.512
3691	36.90	1.545	1.531	1.460	1.332	1.166	0.989	0.827	0.698	0.595	0.511
3701	37.00	0.427	0.330	0.222	0.115	0.029	-0.021	-0.035	-0.027	-0.022	-0.043
3711	37.10	-0.100	-0.186	-0.277	-0.348	-0.382	-0.382	-0.365	-0.359	-0.381	-0.433
3721	37.20	-0.495	-0.538	-0.536	-0.480	-0.384	-0.272	-0.173	-0.097	-0.039	0.028
3731	37.30	0.129	0.279	0.468	0.671	0.852	0.989	1.074	1.121	1.148	1.169
3741	37.40	1.178	1.159	1.091	0.987	0.802	0.631	0.492	0.405	0.363	0.328
3751	37.50	0.255	0.118	-0.074	-0.286	-0.385	-0.365	-0.284	-0.222	0.468	0.750
3761	37.60	0.887	0.853	0.679	0.442	0.228	0.088	0.042	0.053	0.071	0.050
3771	37.70	-0.027	-0.145	-0.269	-0.368	-0.421	-0.443	-0.460	-0.496	-0.563	-0.653
3781	37.80	-0.743	-0.810	-0.838	-0.826	-0.784	-0.726	-0.660	-0.588	-0.507	-0.417
3791	37.90	-0.325	-0.247	-0.194	-0.172	-0.174	-0.181	-0.172	-0.130	-0.051	0.060
3801	38.00	0.187	0.313	0.421	0.492	0.502	0.423	0.235	-0.062	-0.435	-0.808
3811	38.10	-1.081	-1.156	-0.975	-0.568	0.036	0.625	1.087	1.263	1.115	0.739
3821	38.20	0.240	-0.235	-0.568	-0.705	-0.665	-0.519	-0.353	-0.231	-0.116	-0.169
3831	38.30	-0.171	-0.147	-0.085	0.001	0.084	0.140	0.160	0.157	0.157	0.184
3841	38.40	0.247	0.338	0.432	0.503	0.532	0.514	0.460	0.385	0.306	0.230
3851	38.50	0.162	0.098	0.038	-0.019	-0.069	-0.112	-0.151	-0.190	-0.234	-0.284
3861	38.60	-0.333	-0.365	-0.368	-0.332	-0.258	-0.161	-0.060	0.027	0.089	0.131
3871	38.70	0.166	0.211	0.278	0.366	0.466	0.561	0.637	0.690	0.725	0.751
3881	38.80	0.775	0.798	0.807	0.787	0.725	0.619	0.459	0.259	0.214	0.123
3891	38.90	0.066	0.031	-0.004	-0.056	-0.130	-0.218	-0.302	-0.369	-0.415	-0.451
3901	39.00	-0.494	-0.561	-0.654	-0.759	-0.868	-0.890	-0.868	-0.787	-0.672	-0.561
3911	39.10	-0.487	-0.446	-0.496	-0.569	-0.597	-0.615	-0.595	-0.547	-0.491	-0.464
3921	39.20	-0.418	-0.409	-0.403	-0.382	-0.338	-0.252	-0.138	0.002	0.161	0.335
3931	39.30	0.516	0.695	0.857	0.982	1.050	1.044	0.967	0.823	0.637	0.438
3941	39.40	0.257	0.113	0.014	-0.066	-0.086	-0.132	-0.205	-0.319	-0.470	-0.640
3951	39.50	-0.797	-0.902	-0.929	-0.863	-0.716	-0.520	-0.315	-0.163	-0.026	0.036
3961	39.60	0.055	0.068	0.101	0.168	0.263	0.365	0.447	0.486	0.472	0.414
3971	39.70	0.328	0.231	0.136	0.044	-0.051	-0.155	-0.265	-0.370	-0.448	-0.476
3981	39.80	-0.441	-0.346	-0.211	-0.086	0.060	0.149	0.201	0.229	0.253	0.283
3991	39.90	0.315	0.327	0.292	0.190	0.021	-0.186	-0.385	-0.525	-0.570	-0.513

Table 7-8-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1917 306-GR-1-15 U-D (U-D) MYOUKEN BRIDGE MAX. ACC. = -17.815 (GAL) T= 5.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.380	-0.217	-0.071	0.027	0.077	0.104	0.146	0.232	0.370	0.539
4011	40.10	0.702	0.817	0.857	0.819	0.721	0.594	0.465	0.349	0.250	0.159
4021	40.20	0.070	-0.018	-0.097	-0.157	-0.193	-0.212	-0.229	-0.265	-0.337	-0.446
4031	40.30	-0.582	-0.722	-0.844	-0.931	-0.984	-1.015	-1.043	-1.086	-1.151	-1.231
4041	40.40	-1.306	-1.349	-1.334	-1.251	-1.103	-0.912	-0.708	-0.524	-0.380	-0.278
4051	40.50	-0.206	-0.137	-0.046	0.081	0.239	0.408	0.563	0.685	0.769	0.828
4061	40.60	0.883	0.953	1.043	1.144	1.236	1.305	1.348	1.382	1.432	1.517
4071	40.70	1.639	1.777	1.895	1.959	1.951	1.882	1.782	1.686	1.615	1.561
4081	40.80	1.498	1.392	1.224	1.003	0.763	0.548	0.387	0.281	0.199	0.102
4091	40.90	-0.039	-0.216	-0.384	-0.480	-0.451	-0.285	-0.021	0.258	0.454	0.496
4101	41.00	0.358	0.073	-0.291	-0.652	-0.949	-1.155	-1.277	-1.344	-1.387	-1.427
4111	41.10	-1.468	-1.507	-1.536	-1.551	-1.554	-1.547	-1.530	-1.501	-1.455	-1.391
4121	41.20	-1.312	-1.224	-1.139	-1.060	-0.990	-0.925	-0.862	-0.800	-0.739	-0.680
4131	41.30	-0.622	-0.561	-0.491	-0.410	-0.324	-0.245	-0.187	-0.158	-0.151	-0.145
4141	41.40	-0.112	-0.030	0.111	0.295	0.494	0.676	0.820	0.923	1.001	1.072
4151	41.50	1.148	1.224	1.278	1.284	1.224	1.109	0.961	0.817	0.710	0.652
4161	41.60	0.634	0.629	0.610	0.559	0.475	0.371	0.248	0.175	0.095	0.019
4171	41.70	-0.059	-0.141	-0.221	-0.287	-0.332	-0.358	-0.381	-0.420	-0.488	-0.582
4181	41.80	-0.680	-0.748	-0.755	-0.688	-0.555	-0.388	-0.226	-0.104	-0.038	-0.018
4191	41.90	-0.017	-0.004	0.048	0.146	0.281	0.427	0.558	0.651	0.702	0.717
4201	42.00	0.719	0.731	0.772	0.846	0.942	1.033	1.083	1.062	0.953	0.762
4211	42.10	0.517	0.258	0.029	-0.141	-0.244	-0.296	-0.327	-0.369	-0.440	-0.544
4221	42.20	-0.664	-0.776	-0.859	-0.905	-0.923	-0.935	-0.965	-1.028	-1.125	-1.241
4231	42.30	-1.350	-1.425	-1.447	-1.409	-1.320	-1.196	-1.057	-0.918	-0.791	-0.678
4241	42.40	-0.576	-0.483	-0.394	-0.310	-0.229	-0.154	-0.086	-0.017	0.051	0.126
4251	42.50	0.211	0.309	0.416	0.525	0.629	0.717	0.781	0.818	0.829	0.817
4261	42.60	0.786	0.742	0.685	0.617	0.536	0.445	0.366	0.247	0.156	0.078
4271	42.70	0.015	-0.038	-0.092	-0.158	-0.243	-0.348	-0.461	-0.563	-0.632	-0.648
4281	42.80	-0.604	-0.502	-0.360	-0.200	-0.043	0.097	0.217	0.327	0.440	0.565
4291	42.90	0.703	0.842	0.958	1.025	1.019	0.931	0.763	0.536	0.277	0.020
4301	43.00	-0.200	-0.356	-0.425	-0.394	-0.261	-0.041	0.237	0.524	0.762	0.896
4311	43.10	0.886	0.727	0.451	0.121	-0.182	-0.385	-0.444	-0.359	-0.170	0.060
4321	43.20	0.270	0.418	0.498	0.531	0.551	0.585	0.638	0.688	0.705	0.659
4331	43.30	0.546	0.385	0.216	0.079	-0.002	-0.032	-0.042	-0.069	-0.141	-0.259
4341	43.40	-0.394	-0.507	-0.550	-0.505	-0.382	-0.217	-0.057	0.062	0.127	0.152
4351	43.50	0.169	0.210	0.297	0.426	0.576	0.715	0.814	0.854	0.836	0.769
4361	43.60	0.669	0.551	0.423	0.290	0.151	0.011	-0.128	-0.257	-0.372	-0.472
4371	43.70	-0.562	-0.653	-0.759	-0.890	-1.047	-1.220	-1.385	-1.510	-1.564	-1.528
4381	43.80	-1.400	-1.202	-0.974	-0.757	-0.589	-0.485	-0.436	-0.415	-0.389	-0.329
4391	43.90	-0.223	-0.078	0.086	0.244	0.381	0.489	0.569	0.624	0.652	0.649
4401	44.00	0.605	0.520	0.401	0.268	0.166	0.056	0.006	-0.008	-0.008	-0.015
4411	44.10	-0.046	-0.104	-0.185	-0.275	-0.363	-0.443	-0.516	-0.584	-0.643	-0.688
4421	44.20	-0.707	-0.690	-0.638	-0.559	-0.472	-0.393	-0.337	-0.293	-0.260	-0.224
4431	44.30	-0.174	-0.111	-0.045	0.012	0.053	0.079	0.100	0.129	0.175	0.236
4441	44.40	0.302	0.359	0.397	0.415	0.427	0.451	0.503	0.590	0.705	0.830
4451	44.50	0.940	1.018	1.053	1.050	1.023	0.986	0.950	0.918	0.888	0.850
4461	44.60	0.799	0.731	0.647	0.553	0.454	0.355	0.258	0.166	0.079	0.001
4471	44.70	-0.047	-0.123	-0.167	-0.202	-0.234	-0.265	-0.299	-0.337	-0.379	-0.425
4481	44.80	-0.480	-0.548	-0.633	-0.733	-0.836	-0.921	-0.962	-0.933	-0.824	-0.641
4491	44.90	-0.413	-0.183	0.007	0.126	0.162	0.126	0.044	-0.060	-0.170	-0.284

Table 7-8-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1917 306-GR-1-15 U-D (U-D) MYOUKEN BRIDGE MAX. ACC. = -17.815 (GAL) T= 5.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.415	-0.572	-0.753	-0.939	-1.094	-1.180	-1.171	-1.066	-0.891	-0.690
4511	45.10	-0.506	-0.368	-0.282	-0.231	-0.187	-0.129	-0.051	0.038	0.115	0.164
4521	45.20	0.179	0.173	0.168	0.185	0.234	0.311	0.398	0.476	0.527	0.559
4531	45.30	0.581	0.608	0.648	0.697	0.742	0.762	0.744	0.686	0.601	0.509
4541	45.40	0.431	0.382	0.368	0.375	0.399	0.424	0.441	0.413	0.424	0.381
4551	45.50	0.314	0.228	0.132	0.043	-0.028	-0.073	-0.098	-0.119	-0.156	-0.227
4561	45.60	-0.334	-0.463	-0.586	-0.670	-0.692	-0.648	-0.552	-0.431	-0.316	-0.227
4571	45.70	-0.169	-0.132	-0.101	-0.061	-0.010	0.046	0.097	0.137	0.165	0.193
4581	45.80	0.234	0.296	0.380	0.474	0.559	0.621	0.657	0.674	0.690	0.721
4591	45.90	0.773	0.837	0.890	0.905	0.863	0.764	0.626	0.477	0.348	0.257
4601	46.00	0.205	0.174	0.144	0.094	0.020	-0.069	-0.156	-0.224	-0.266	-0.289
4611	46.10	-0.311	-0.352	-0.424	-0.525	-0.640	-0.747	-0.828	-0.877	-0.897	-0.900
4621	46.20	-0.899	-0.896	-0.893	-0.874	-0.832	-0.767	-0.692	-0.625	-0.584	-0.579
4631	46.30	-0.604	-0.641	-0.668	-0.667	-0.633	-0.576	-0.514	-0.466	-0.441	-0.434
4641	46.40	-0.430	-0.412	-0.367	-0.298	-0.216	-0.142	-0.093	-0.076	-0.088	-0.111
4651	46.50	-0.126	-0.116	-0.073	0.001	0.095	0.196	0.289	0.368	0.428	0.472
4661	46.60	0.502	0.525	0.542	0.553	0.555	0.541	0.507	0.451	0.381	0.313
4671	46.70	0.269	0.270	0.325	0.420	0.555	0.670	0.731	0.721	0.628	0.525
4681	46.80	0.299	0.139	0.025	-0.035	-0.051	-0.048	-0.048	-0.045	-0.097	-0.197
4691	46.90	-0.137	-0.113	-0.053	0.029	0.116	0.189	0.237	0.259	0.264	0.265
4701	47.00	0.274	0.300	0.345	0.409	0.485	0.567	0.645	0.709	0.751	0.766
4711	47.10	0.758	0.737	0.713	0.698	0.693	0.687	0.662	0.601	0.493	0.361
4721	47.20	0.168	0.006	-0.115	-0.176	-0.180	-0.167	-0.109	-0.097	-0.126	-0.196
4731	47.30	-0.288	-0.370	-0.443	-0.477	-0.485	-0.482	-0.486	-0.507	-0.544	-0.585
4741	47.40	-0.614	-0.617	-0.588	-0.531	-0.459	-0.385	-0.321	-0.282	-0.260	-0.249
4751	47.50	-0.243	-0.232	-0.208	-0.166	-0.104	-0.025	0.068	0.162	0.252	0.329
4761	47.60	0.389	0.434	0.469	0.503	0.542	0.582	0.617	0.629	0.603	0.530
4771	47.70	0.409	0.256	0.093	-0.056	-0.171	-0.246	-0.287	-0.313	-0.342	-0.391
4781	47.80	-0.466	-0.565	-0.676	-0.787	-0.890	-0.979	-1.058	-1.133	-1.208	-1.289
4791	47.90	-1.374	-1.457	-1.530	-1.580	-1.598	-1.573	-1.502	-1.387	-1.237	-1.066
4801	48.00	-0.892	-0.728	-0.581	-0.452	-0.335	-0.220	-0.103	0.018	0.137	0.247
4811	48.10	0.346	0.437	0.532	0.647	0.791	0.965	1.154	1.335	1.482	1.576
4821	48.20	1.611	1.598	1.554	1.501	1.449	1.399	1.343	1.266	1.148	1.031
4831	48.30	0.885	0.742	0.618	0.521	0.449	0.392	0.333	0.267	0.181	0.079
4841	48.40	-0.032	-0.142	-0.240	-0.323	-0.389	-0.442	-0.487	-0.534	-0.589	-0.656
4851	48.50	-0.734	-0.816	-0.886	-0.929	-0.928	-0.872	-0.761	-0.604	-0.421	-0.233
4861	48.60	-0.061	0.080	0.183	0.252	0.292	0.313	0.321	0.317	0.296	0.251
4871	48.70	0.171	0.053	-0.104	-0.284	-0.447	-0.609	-0.692	-0.690	-0.598	-0.431
4881	48.80	-0.217	0.006	0.208	0.369	0.488	0.576	0.648	0.709	0.761	0.790
4891	48.90	0.778	0.715	0.601	0.453	0.297	0.160	0.057	-0.008	-0.068	-0.086
4901	49.00	-0.138	-0.216	-0.316	-0.426	-0.531	-0.617	-0.678	-0.717	-0.736	-0.738
4911	49.10	-0.722	-0.684	-0.619	-0.528	-0.417	-0.299	-0.190	-0.102	-0.038	0.006
4921	49.20	0.044	0.092	0.161	0.258	0.378	0.509	0.637	0.753	0.853	0.940
4931	49.30	1.026	1.112	1.203	1.290	1.355	1.377	1.361	1.243	1.096	0.917
4941	49.40	0.739	0.584	0.463	0.374	0.301	0.228	0.145	0.051	-0.046	-0.129
4951	49.50	-0.189	-0.221	-0.233	-0.238	-0.250	-0.279	-0.323	-0.379	-0.439	-0.500
4961	49.60	-0.563	-0.628	-0.696	-0.758	-0.803	-0.815	-0.787	-0.723	-0.642	-0.568
4971	49.70	-0.522	-0.514	-0.534	-0.559	-0.563	-0.527	-0.448	-0.344	-0.241	-0.166
4981	49.80	-0.130	-0.128	-0.136	-0.129	-0.086	-0.007	0.091	0.180	0.230	0.225
4991	49.90	0.167	0.076	-0.021	-0.096	-0.137	-0.144	-0.134	-0.127	-0.143	-0.189

Table 7-8-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1917 306-GR-1-15 U-D (U-D) MYOUKEN BRIDGE MAX. ACC. = -17.815 (GAL) T= 5.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.262	-0.351	-0.441	-0.518	-0.577	-0.617	-0.641	-0.650	-0.644	-0.619
5011	50.10	-0.571	-0.498	-0.407	-0.311	-0.223	-0.156	-0.114	-0.092	-0.076	-0.052
5021	50.20	-0.011	0.046	0.108	0.161	0.193	0.205	0.208	0.223	0.266	0.345
5031	50.30	0.447	0.548	0.619	0.639	0.605	0.532	0.449	0.385	0.357	0.362
5041	50.40	0.382	0.394	0.380	0.337	0.278	0.222	0.189	0.182	0.193	0.201
5051	50.50	0.188	0.144	0.077	0.007	-0.043	-0.059	-0.039	0.001	0.038	0.055
5061	50.60	0.047	0.027	0.017	0.046	0.128	0.261	0.423	0.581	0.699	0.752
5071	50.70	0.732	0.650	0.530	0.401	0.283	0.187	0.113	0.049	-0.019	-0.101
5081	50.80	-0.204	-0.325	-0.459	-0.595	-0.724	-0.836	-0.926	-0.989	-1.025	-1.036
5091	50.90	-1.022	-0.996	-0.944	-0.933	-0.905	-0.876	-0.846	-0.804	-0.750	-0.690
5101	51.00	-0.632	-0.583	-0.548	-0.520	-0.486	-0.431	-0.344	-0.226	-0.093	0.033
5111	51.10	0.130	0.188	0.214	0.227	0.253	0.308	0.397	0.507	0.619	0.716
5121	51.20	0.793	0.851	0.934	1.026	1.134	1.239	1.310	1.324	1.270	1.162
5131	51.30	1.030	0.905	0.755	0.586	0.416	0.336	0.387	0.211	0.049	-0.048
5141	51.40	-0.042	0.077	0.281	0.517	0.723	0.857	0.903	0.875	0.800	0.703
5151	51.50	0.587	0.443	0.252	0.007	-0.273	-0.516	-0.758	-0.863	-0.840	-0.706
5161	51.60	-0.507	-0.299	-0.130	-0.022	0.031	0.057	0.088	0.150	0.248	0.373
5171	51.70	0.506	0.628	0.724	0.789	0.822	0.822	0.790	0.725	0.629	0.508
5181	51.80	0.374	0.239	0.114	0.006	-0.087	-0.171	-0.253	-0.336	-0.419	-0.495
5191	51.90	-0.555	-0.594	-0.609	-0.605	-0.593	-0.584	-0.590	-0.617	-0.666	-0.726
5201	52.00	-0.787	-0.832	-0.853	-0.847	-0.825	-0.806	-0.814	-0.867	-0.968	-1.108
5211	52.10	-1.259	-1.387	-1.462	-1.467	-1.403	-1.286	-1.144	-1.003	-0.882	-0.785
5221	52.20	-0.708	-0.639	-0.567	-0.488	-0.404	-0.320	-0.242	-0.173	-0.111	-0.051
5231	52.30	0.013	0.085	0.165	0.250	0.334	0.415	0.489	0.559	0.627	0.698
5241	52.40	0.775	0.859	0.948	1.036	1.116	1.178	1.214	1.220	1.194	1.141
5251	52.50	1.068	0.982	0.890	0.795	0.697	0.594	0.483	0.367	0.249	0.134
5261	52.60	0.021	-0.057	-0.127	-0.181	-0.223	-0.260	-0.296	-0.331	-0.372	-0.419
5271	52.70	-0.471	-0.529	-0.589	-0.645	-0.688	-0.710	-0.703	-0.664	-0.600	-0.519
5281	52.80	-0.437	-0.368	-0.318	-0.288	-0.268	-0.244	-0.202	-0.133	-0.040	0.069
5291	52.90	0.177	0.271	0.346	0.404	0.456	0.514	0.585	0.667	0.746	0.801
5301	53.00	0.814	0.774	0.681	0.550	0.400	0.252	0.117	-0.001	-0.106	-0.206
5311	53.10	-0.308	-0.409	-0.506	-0.590	-0.651	-0.686	-0.692	-0.669	-0.619	-0.545
5321	53.20	-0.452	-0.350	-0.250	-0.166	-0.105	-0.070	-0.055	-0.044	-0.028	0.006
5331	53.30	0.057	0.115	0.169	0.210	0.241	0.271	0.315	0.381	0.467	0.554
5341	53.40	0.616	0.627	0.574	0.462	0.313	0.155	0.018	-0.085	-0.150	-0.187
5351	53.50	-0.209	-0.224	-0.238	-0.252	-0.268	-0.291	-0.328	-0.382	-0.449	-0.512
5361	53.60	-0.549	-0.541	-0.480	-0.376	-0.256	-0.150	-0.086	-0.073	-0.101	-0.147
5371	53.70	-0.187	-0.207	-0.205	-0.190	-0.175	-0.167	-0.164	-0.155	-0.132	-0.091
5381	53.80	-0.042	0.001	0.025	0.029	0.023	0.025	0.055	0.120	0.214	0.320
5391	53.90	0.415	0.490	0.543	0.585	0.628	0.679	0.728	0.760	0.755	0.704
5401	54.00	0.616	0.511	0.415	0.347	0.309	0.291	0.274	0.239	0.183	0.113
5411	54.10	0.043	-0.015	-0.059	-0.098	-0.147	-0.213	-0.294	-0.372	-0.425	-0.433
5421	54.20	-0.392	-0.313	-0.222	-0.143	-0.092	-0.071	-0.066	-0.059	-0.034	0.012
5431	54.30	0.073	0.135	0.188	0.225	0.252	0.277	0.312	0.361	0.426	0.503
5441	54.40	0.586	0.665	0.736	0.783	0.800	0.778	0.714	0.613	0.490	0.366
5451	54.50	0.260	0.183	0.131	0.089	0.036	-0.045	-0.160	-0.300	-0.443	-0.566
5461	54.60	-0.653	-0.699	-0.710	-0.701	-0.687	-0.674	-0.667	-0.657	-0.637	-0.606
5471	54.70	-0.566	-0.521	-0.480	-0.446	-0.419	-0.395	-0.368	-0.330	-0.277	-0.206
5481	54.80	-0.114	-0.002	0.128	0.267	0.405	0.527	0.619	0.669	0.672	0.631
5491	54.90	0.554	0.451	0.329	0.193	0.062	-0.122	-0.293	-0.459	-0.601	-0.697

Table 7-8-12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1917 306-GR-1-15 U-D (U-D) MYOUKEN BRIDGE MAX. ACC. = -17.815 (GAL) T= 5.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.729	-0.693	-0.593	-0.448	-0.282	-0.119	0.028	0.153	0.263	0.364
5511	55.10	0.464	0.565	0.662	0.744	0.803	0.833	0.834	0.807	0.754	0.676
5521	55.20	0.570	0.434	0.272	0.092	-0.091	-0.260	-0.403	-0.512	-0.593	-0.655
5531	55.30	-0.707	-0.754	-0.791	-0.807	-0.792	-0.739	-0.653	-0.548	-0.442	-0.353
5541	55.40	-0.290	-0.253	-0.235	-0.224	-0.212	-0.193	-0.163	-0.122	-0.069	-0.003
5551	55.50	0.072	0.150	0.217	0.259	0.264	0.228	0.153	0.056	-0.047	-0.145
5561	55.60	-0.230	-0.304	-0.369	-0.417	-0.444	-0.436	-0.378	-0.274	-0.134	0.019
5571	55.70	0.161	0.276	0.363	0.433	0.501	0.589	0.689	0.789	0.866	0.903
5581	55.80	0.898	0.867	0.824	0.835	0.878	0.957	1.045	1.109	1.128	1.068
5591	55.90	0.965	0.839	0.720	0.626	0.561	0.512	0.459	0.386	0.292	0.185
5601	56.00	0.083	0.001	-0.055	-0.091	-0.122	-0.166	-0.230	-0.314	-0.405	-0.488
5611	56.10	-0.550	-0.589	-0.614	-0.638	-0.679	-0.740	-0.816	-0.888	-0.927	-0.909
5621	56.20	-0.818	-0.654	-0.437	-0.201	0.014	0.170	0.244	0.232	0.146	0.016
5631	56.30	-0.124	-0.244	-0.324	-0.362	-0.369	-0.368	-0.379	-0.417	-0.483	-0.568
5641	56.40	-0.653	-0.718	-0.752	-0.756	-0.744	-0.736	-0.750	-0.798	-0.872	-0.955
5651	56.50	-1.019	-1.042	-1.008	-0.921	-0.797	-0.662	-0.539	-0.465	-0.383	-0.343
5661	56.60	-0.311	-0.271	-0.216	-0.142	-0.063	0.009	0.062	0.089	0.091	0.077
5671	56.70	0.062	0.063	0.093	0.156	0.250	0.362	0.472	0.560	0.610	0.617
5681	56.80	0.585	0.525	0.452	0.380	0.314	0.253	0.191	0.124	0.052	-0.019
5691	56.90	-0.080	-0.123	-0.145	-0.154	-0.149	-0.177	-0.211	-0.261	-0.316	-0.365
5701	57.00	-0.398	-0.417	-0.429	-0.448	-0.482	-0.530	-0.580	-0.613	-0.608	-0.557
5711	57.10	-0.442	-0.342	-0.223	-0.126	-0.064	-0.036	-0.029	-0.024	-0.004	0.036
5721	57.20	0.098	0.172	0.252	0.331	0.408	0.487	0.570	0.655	0.740	0.817
5731	57.30	0.881	0.927	0.956	0.970	0.970	0.954	0.918	0.859	0.774	0.668
5741	57.40	0.547	0.425	0.311	0.210	0.122	0.042	-0.038	-0.122	-0.208	-0.288
5751	57.50	-0.347	-0.372	-0.350	-0.278	-0.161	-0.012	0.148	0.297	0.416	0.489
5761	57.60	0.507	0.471	0.382	0.245	0.085	-0.151	-0.393	-0.613	-0.874	-1.049
5771	57.70	-1.130	-1.090	-0.924	-0.656	-0.331	-0.013	0.245	0.407	0.474	0.475
5781	57.80	0.455	0.457	0.504	0.595	0.702	0.793	0.818	0.830	0.778	0.704
5791	57.90	0.632	0.575	0.537	0.510	0.485	0.457	0.426	0.397	0.373	0.351
5801	58.00	0.325	0.289	0.245	0.201	0.170	0.162	0.176	0.200	0.211	0.191
5811	58.10	0.132	0.069	-0.034	-0.085	-0.084	-0.030	0.058	0.150	0.221	0.260
5821	58.20	0.275	0.288	0.318	0.377	0.455	0.534	0.590	0.611	0.604	0.589
5831	58.30	0.593	0.631	0.706	0.799	0.885	0.939	0.952	0.935	0.908	0.896
5841	58.40	0.911	0.918	0.987	1.001	0.988	0.946	0.886	0.849	0.852	0.861
5851	58.50	0.853	0.813	0.707	0.523	0.315	0.077	-0.065	-0.178	-0.263	-0.260
5861	58.60	-0.249	-0.243	-0.270	-0.341	-0.444	-0.549	-0.618	-0.627	-0.572	-0.475
5871	58.70	-0.370	-0.294	-0.267	-0.286	-0.329	-0.383	-0.363	-0.321	-0.248	-0.170
5881	58.80	-0.115	-0.100	-0.122	-0.163	-0.193	-0.185	-0.128	-0.027	0.092	0.194
5891	58.90	0.246	0.229	0.169	0.029	-0.092	-0.179	-0.211	-0.192	-0.149	-0.121
5901	59.00	-0.141	-0.223	-0.351	-0.493	-0.607	-0.666	-0.666	-0.630	-0.593	-0.585
5911	59.10	-0.620	-0.689	-0.769	-0.860	-0.893	-0.937	-0.990	-1.064	-1.158	-1.254
5921	59.20	-1.330	-1.377	-1.407	-1.449	-1.540	-1.693	-1.892	-2.090	-2.230	-2.268
5931	59.30	-2.198	-2.051	-1.882	-1.739	-1.645	-1.590	-1.547	-1.493	-1.431	-1.382
5941	59.40	-1.375	-1.416	-1.476	-1.501	-1.443	-1.291	-1.088	-0.918	-0.862	-0.948
5951	59.50	-1.129	-1.295	-1.332	-1.185	-0.900	-0.613	-0.479	-0.596	-0.934	-1.346
5961	59.60	-1.636	-1.658	-1.424	-1.099	-0.935	-1.135	-1.724	-2.497	-3.075	-3.069
5971	59.70	-2.257	-0.713	1.194	2.934	4.022					

Table 7-9-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1918 306-GR-1-15 HB. (HB.) MYOUKEN BRIDGE MAX. ACC. = -66.840 (GAL) T= 5.66 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1	0.0	0.510	-0.887	-1.797	-1.879	-1.196	-0.101	0.578	0.634	-0.087	-1.229
11	0.10	-2.162	-2.280	-1.296	0.609	2.816	4.546	5.149	4.392	2.539	0.242
21	0.20	-1.712	-2.692	-2.432	-1.100	0.804	2.632	3.813	4.011	3.206	1.670
31	0.30	-0.135	-1.693	-2.589	-2.619	-1.856	-0.628	0.575	1.266	1.133	0.158
41	0.40	-1.353	-2.859	-3.774	-3.670	-2.435	-0.309	2.204	4.512	6.132	6.821
51	0.50	6.606	5.720	4.476	3.161	1.965	0.991	0.287	-0.116	-0.202	0.005
61	0.60	0.400	0.791	0.935	0.624	-0.217	-1.494	-2.939	-4.194	-4.937	-4.977
71	0.70	-4.303	-3.063	-1.481	0.227	1.911	3.485	4.885	6.016	6.725	6.827
81	0.80	6.176	4.746	2.679	0.278	-2.071	-4.009	-5.308	-5.959	-5.959	-5.629
91	0.90	-5.119	-4.529	-3.867	-2.986	-1.857	-0.452	1.123	2.658	3.904	4.656
101	1.00	4.823	4.454	3.712	2.811	1.943	1.221	0.666	0.222	-0.200	-0.679
111	1.10	-1.256	-1.930	-2.666	-3.410	-4.095	-4.669	-4.990	-5.012	-4.746	-4.097
121	1.20	-3.154	-2.051	-0.961	-0.038	0.537	0.787	0.741	0.506	0.206	-0.066
131	1.30	-0.265	-0.392	-0.477	-0.553	-0.647	-0.772	-0.935	-1.123	-1.297	-1.369
141	1.40	-1.209	-0.670	0.342	1.800	3.506	5.098	6.135	6.232	5.201	3.135
151	1.50	0.404	-2.455	-4.900	-6.548	-7.262	-7.146	-6.466	-5.427	-4.267	-3.032
161	1.60	-1.717	-0.325	1.068	2.305	3.205	3.652	3.662	3.390	3.064	2.873
171	1.70	2.875	2.559	2.900	2.472	1.576	0.310	-1.040	-2.105	-2.574	-2.320
181	1.80	-1.453	-0.280	0.804	1.460	1.517	1.022	0.210	-0.578	-1.009	-0.855
191	1.90	-0.054	1.276	2.878	4.420	5.583	6.132	5.969	5.145	3.830	2.260
201	2.00	0.668	-0.769	-1.957	-2.871	-3.534	-3.904	-4.258	-4.394	-4.435	-4.435
211	2.10	-4.438	-4.442	-4.373	-4.080	-3.377	-2.121	-0.299	1.924	4.216	6.162
221	2.20	7.390	7.692	7.087	5.800	4.170	2.529	1.107	-0.011	-0.851	-1.482
231	2.30	-1.952	-2.256	-2.354	-2.234	-1.940	-1.580	-1.294	-1.185	-1.270	-1.471
241	2.40	-1.654	-1.698	-1.554	-1.268	-0.946	-0.687	-0.517	-0.368	-0.087	0.447
251	2.50	1.282	2.314	3.109	3.963	4.014	3.335	1.990	0.223	-1.610	-3.137
261	2.60	-4.073	-4.287	-3.824	-2.877	-1.720	-0.629	0.199	0.689	0.894	0.956
271	2.70	1.034	1.232	1.550	1.885	2.073	1.971	1.521	0.784	-0.086	-0.910
281	2.80	-1.556	-1.994	-2.266	-2.534	-2.800	-3.055	-3.175	-2.992	-2.383	-1.340
291	2.90	0.006	1.422	2.664	3.557	4.044	4.171	4.034	3.706	3.199	2.478
301	3.00	1.514	0.365	-0.887	-1.967	-2.675	-2.874	-2.572	-1.924	-1.176	-0.582
311	3.10	-0.317	-0.441	-0.901	-1.581	-2.342	-3.064	-3.663	-3.990	-4.024	-3.685
321	3.20	-2.968	-1.941	-0.751	0.613	1.384	2.073	2.502	2.784	3.058	3.419
331	3.30	3.861	4.281	4.524	4.459	4.038	3.322	2.447	1.564	0.777	0.114
341	3.40	-0.461	-1.005	-1.544	-2.056	-2.464	-2.703	-2.735	-2.580	-2.301	-1.965
351	3.50	-1.603	-1.196	-0.690	-0.043	0.730	1.536	2.220	2.619	2.631	2.256
361	3.60	1.615	0.890	0.278	-0.087	-0.173	-0.052	0.141	0.259	0.201	-0.061
371	3.70	-0.479	-0.954	-1.366	-1.611	-1.619	-1.371	-0.896	-0.263	0.431	1.083
381	3.80	1.611	1.977	2.197	2.344	2.517	2.801	3.225	3.727	4.164	4.337
391	3.90	4.068	3.261	1.955	0.333	-1.321	-2.704	-3.582	-3.857	-3.589	-2.964
401	4.00	-2.220	-1.564	-1.115	-0.888	-0.817	-0.815	-0.820	-0.829	-0.884	-1.035
411	4.10	-1.301	-1.646	-1.980	-2.196	-2.210	-1.995	-1.585	-1.053	-0.483	0.059
421	4.20	0.540	0.947	1.274	1.509	1.636	1.646	1.552	1.390	1.208	1.043
431	4.30	0.899	0.741	0.540	0.283	0.017	-0.351	-0.892	-0.292	1.003	1.922
441	4.40	2.830	3.469	3.626	3.209	2.274	0.998	-0.383	-1.454	-2.680	-3.434
451	4.50	-3.971	-4.389	-4.777	-5.177	-5.569	-5.886	-6.037	-5.943	-5.560	-4.902
461	4.60	-4.033	-3.059	-2.091	-1.218	-0.482	0.128	0.651	1.128	1.560	1.897
471	4.70	2.054	1.951	1.562	0.945	0.244	-0.361	-0.710	-0.717	-0.397	0.154
481	4.80	0.798	1.409	1.895	2.204	2.306	2.186	1.638	1.290	0.619	-0.057
491	4.90	-0.614	-0.980	-1.178	-1.326	-1.585	-2.066	-2.742	-3.423	-3.812	-3.623

Table 7-9-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1918 306-GR-1-15 HB. (HB.) MYOUKEN BRIDGE MAX. ACC. = -66.840 (GAL) T= 5.66 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
501	5.00	-2.724	-1.219	0.557	2.152	3.149	3.308	2.639	1.371	-0.143	-1.536
511	5.10	-2.518	-2.912	-2.655	-1.787	-0.441	1.156	2.716	3.950	4.666	4.848
521	5.20	4.676	4.454	4.457	4.781	5.274	5.602	5.433	4.643	3.430	2.248
531	5.30	1.580	1.662	2.310	2.967	2.968	1.893	-0.180	-2.681	-4.819	-5.998
541	5.40	-6.144	-5.738	-5.541	-6.117	-7.448	-8.851	-9.281	-7.866	-4.382	0.624
551	5.50	6.153	11.357	16.067	20.903	26.610	34.221	42.277	48.614	49.964	43.432
561	5.60	27.938	5.115	-20.790	-44.150	-59.810	-64.810	-59.440	-46.625	-30.877	-16.366
571	5.70	-5.543	1.316	5.785	9.715	14.442	19.947	25.038	28.100	27.982	24.562
581	5.80	18.724	11.837	5.070	-1.070	-6.761	-12.477	-18.460	-24.362	-29.265	-32.056
591	5.90	-31.941	-28.856	-23.547	-17.319	-11.583	-7.380	-5.085	-4.332	-4.171	-3.357
601	6.00	-0.715	4.481	12.202	21.495	30.576	37.222	39.433	36.148	27.741	16.041
611	6.10	3.772	-6.400	-12.865	-15.528	-15.886	-16.039	-17.706	-21.339	-25.890	-29.326
621	6.20	-29.665	-25.869	-18.539	-9.448	-0.920	5.363	8.771	9.807	9.511	8.703
631	6.30	7.518	5.159	2.270	-1.928	-5.227	-7.049	-6.008	-4.006	15.458	27.821
641	6.40	36.584	38.720	32.962	20.529	4.668	-10.577	-21.823	-27.403	-27.628	-24.247
651	6.50	-19.466	-14.872	-11.126	-7.841	-4.227	0.276	5.556	10.785	14.730	16.267
661	6.60	14.854	10.620	4.488	-2.186	-7.950	-11.632	-12.614	-10.982	-7.496	-3.373
671	6.70	0.087	1.937	1.918	0.572	-0.968	-1.431	0.046	3.544	8.308	13.059
681	6.80	16.521	17.924	17.238	15.056	12.205	9.316	6.574	3.795	0.740	-2.508
691	6.90	-5.362	-6.871	-6.129	-2.763	2.765	9.210	14.955	18.588	19.409	17.633
701	7.00	14.233	10.504	7.557	5.953	5.567	5.710	5.403	3.702	-0.025	-5.883
711	7.10	-13.334	-21.199	-27.621	-31.419	-30.583	-24.798	-14.769	-2.379	9.784	19.233
721	7.20	24.403	25.168	22.794	19.333	16.695	15.809	16.261	16.578	15.031	10.586
731	7.30	3.560	-4.387	-10.866	-13.785	-12.287	-7.192	-0.734	4.290	5.609	2.339
741	7.40	-4.703	-13.361	-20.871	-25.019	-24.675	-20.175	-13.061	-5.495	0.451	3.379
751	7.50	2.866	-0.558	-5.699	-11.133	-15.669	-18.566	-19.854	-20.037	-19.899	-20.132
761	7.60	-21.023	-22.316	-23.451	-23.642	-22.490	-20.125	-17.210	-14.707	-13.295	-13.117
771	7.70	-13.525	-13.539	-11.555	-6.959	-0.491	6.773	13.486	16.942	17.715	15.746
781	7.80	13.000	10.601	9.873	10.908	12.715	13.710	12.484	8.504	2.417	-4.189
791	7.90	-9.447	-11.987	-11.460	-8.600	-4.803	-1.458	0.652	1.599	2.137	3.212
801	8.00	5.444	8.818	12.742	16.379	19.086	20.690	21.487	21.986	22.546	23.145
811	8.10	23.386	22.752	20.944	18.113	14.833	11.621	9.550	7.957	6.434	4.118
821	8.20	0.357	-4.870	-10.800	-16.091	-19.310	-19.496	-16.542	-11.251	-5.031	0.621
831	8.30	4.618	6.721	5.726	3.758	2.518	2.160	1.655	1.100	1.802	2.044
841	8.40	-10.319	-12.702	-13.310	-11.552	-7.418	-1.557	4.883	10.598	14.535	16.208
851	8.50	15.816	14.121	12.123	10.672	10.162	10.432	10.896	10.862	9.884	7.983
861	8.60	5.651	3.616	2.473	2.372	2.891	3.198	2.417	0.059	-3.689	-7.959
871	8.70	-11.499	-13.146	-12.279	-9.058	-4.341	0.671	4.907	7.789	9.360	10.115
881	8.80	10.645	11.279	11.876	11.878	10.579	7.483	2.585	-3.548	-9.918	-15.392
891	8.90	-19.025	-20.291	-19.155	-16.006	-11.497	-6.386	-1.424	2.724	5.530	6.674
901	9.00	6.119	4.172	1.463	-1.198	-3.051	-3.664	-3.128	-2.091	-1.574	-2.627
911	9.10	-5.934	-11.521	-18.680	-26.143	-32.463	-36.447	-37.507	-35.789	-32.067	-27.439
921	9.20	-22.956	-19.320	-16.734	-14.938	-13.399	-11.551	-9.004	-5.666	-1.739	2.363
931	9.30	6.158	9.226	11.316	12.376	12.569	12.192	11.605	11.129	10.968	11.168
941	9.40	11.631	12.173	12.612	12.841	12.850	12.698	12.426	11.998	11.255	9.970
951	9.50	7.963	5.236	2.081	-1.037	-3.411	-4.502	-4.042	-2.174	0.580	3.481
961	9.60	5.807	7.073	7.144	6.215	4.659	2.871	1.190	-0.507	-2.023	-3.434
971	9.70	-4.647	-5.447	-5.568	-4.827	-3.247	-1.109	1.114	2.904	3.891	3.990
981	9.80	3.430	2.663	2.177	2.312	3.133	4.436	5.861	7.058	7.829	8.192
991	9.90	8.296	8.293	8.191	7.797	6.792	4.899	2.091	-1.300	-4.616	-7.081

Table 7-9-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1918 306-GR-1-15 HB. (HB.) MYOUKEN BRIDGE MAX. ACC. = -66.840 (GAL) T= 5.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-8.089	-7.453	-5.501	-2.942	-0.577	1.050	1.674	2.315	3.046	4.639
1011	10.10	7.240	10.441	13.413	15.242	15.317	13.594	10.603	7.223	4.313	2.392
1021	10.20	1.505	1.325	1.411	1.479	1.562	1.839	2.615	3.869	5.240	6.090
1031	10.30	5.764	3.907	0.657	-3.371	-7.323	-10.450	-12.393	-13.266	-13.514	-13.613
1041	10.40	-13.787	-13.869	-13.394	-11.672	-9.085	-5.280	-1.122	2.547	5.051	6.151
1051	10.50	6.123	5.698	5.309	5.671	6.699	7.969	8.832	8.692	7.238	4.561
1061	10.60	0.986	-2.897	-6.623	-9.866	-12.472	-14.381	-15.533	-15.810	-15.048	-13.130
1071	10.70	-10.080	-6.134	-1.733	2.566	6.220	8.826	10.197	10.365	9.509	7.655
1081	10.80	5.589	2.615	-0.421	-4.059	-7.938	-11.744	-15.033	-17.328	-18.270	-17.769
1091	10.90	-16.081	-13.771	-11.549	-10.039	-9.559	-10.007	-10.902	-11.500	-11.460	-10.283
1101	11.00	-8.202	-5.701	-3.365	-1.616	-0.525	0.195	1.035	2.430	4.523	7.073
1111	11.10	9.538	11.300	11.921	11.307	9.715	7.601	5.402	3.359	1.473	-0.400
1121	11.20	-2.374	-4.392	-6.185	-7.376	-7.672	-7.024	-5.685	-4.110	-2.745	-1.817
1131	11.30	-1.224	-0.590	0.527	2.386	4.878	7.517	9.602	10.489	9.855	7.829
1141	11.40	4.963	1.928	-0.560	-2.169	-2.828	-2.875	-2.669	-2.497	-2.428	-2.313
1151	11.50	-1.883	-0.903	0.693	2.756	4.964	6.929	8.340	9.050	9.154	8.872
1161	11.60	8.518	9.021	10.176	11.965	14.258	16.810	19.433	21.717	23.348	24.000
1171	11.70	24.000	23.423	21.521	18.407	14.425	10.092	5.987	2.588	0.142	-1.405
1181	11.80	-2.364	-3.162	-4.156	-5.463	-6.923	-8.138	-8.660	-8.183	-6.690	-4.481
1191	11.90	-2.066	0.026	1.432	2.068	2.116	1.907	1.769	1.797	1.997	2.142
1201	12.00	1.981	1.344	0.216	-1.266	-2.868	-4.342	-5.498	-6.232	-6.520	-6.404
1211	12.10	-5.976	-5.366	-4.741	-4.277	-4.115	-4.302	-4.744	-5.217	-5.424	-5.104
1221	12.20	-4.140	-2.621	-0.831	0.849	2.069	2.633	2.541	1.958	1.107	0.112
1231	12.30	-0.928	-2.246	-4.026	-6.429	-9.447	-12.849	-16.206	-18.996	-20.738	-21.118
1241	12.40	-20.057	-17.714	-14.427	-10.633	-6.782	-3.281	-0.461	1.444	2.305	2.124
1251	12.50	1.045	-0.642	-2.532	-4.182	-5.211	-5.405	-4.787	-3.611	-2.284	-1.232
1261	12.60	-0.754	-0.918	-1.543	-2.275	-2.731	-2.647	-1.985	-0.929	0.172	0.967
1271	12.70	1.233	0.950	0.298	-0.438	-0.993	-1.234	-1.211	-1.123	-1.227	-1.729
1281	12.80	-2.689	-3.992	-5.374	-6.497	-7.040	-6.784	-5.663	-3.775	-1.365	1.226
1291	12.90	3.628	5.518	6.896	7.127	6.959	6.479	6.035	5.934	6.347	7.257
1301	13.00	8.468	9.674	10.566	10.936	10.744	10.126	9.343	8.690	8.399	8.572
1311	13.10	9.163	10.017	10.942	11.791	12.512	13.168	13.886	14.781	15.872	17.022
1321	13.20	17.936	18.233	17.556	15.714	12.773	9.085	5.223	1.837	-0.529	-1.586
1331	13.30	-1.387	-0.301	1.104	2.235	2.647	2.162	0.896	-0.805	-2.495	-3.780
1341	13.40	-4.436	-4.466	-4.073	-3.588	-3.332	-3.520	-4.183	-5.168	-6.195	-6.952
1351	13.50	-7.202	-6.656	-5.996	-4.837	-3.654	-2.691	-2.099	-1.912	-2.066	-2.452
1361	13.60	-2.962	-3.525	-4.111	-4.708	-5.302	-5.861	-6.349	-6.744	-7.059	-7.348
1371	13.70	-7.681	-8.115	-8.652	-9.229	-9.731	-10.031	-10.036	-9.725	-9.158	-8.455
1381	13.80	-7.758	-7.200	-6.873	-6.827	-7.071	-7.583	-8.310	-9.166	-10.033	-10.765
1391	13.90	-11.216	-11.267	-10.861	-10.012	-8.808	-7.380	-5.878	-4.441	-3.178	-2.161
1401	14.00	-1.421	-0.949	-0.688	-0.545	-0.404	-0.162	0.237	0.769	1.336	1.797
1411	14.10	2.032	2.007	1.799	1.587	1.574	1.902	2.578	3.453	4.271	4.764
1421	14.20	4.764	4.272	3.451	2.564	1.860	1.486	1.439	1.607	1.841	2.056
1431	14.30	2.277	2.636	3.296	4.356	5.780	7.384	8.890	10.030	10.648	10.757
1441	14.40	10.529	10.218	10.055	10.153	10.467	10.815	10.954	10.676	9.883	8.623
1451	14.50	7.071	5.472	4.071	3.053	2.506	2.422	2.712	3.247	3.888	4.522
1461	14.60	5.074	5.522	5.894	6.248	6.656	7.174	7.820	8.569	9.353	10.088
1471	14.70	10.695	11.127	11.368	11.421	11.280	10.908	10.234	9.178	7.693	5.818
1481	14.80	3.706	1.605	-0.196	-1.581	-2.089	-2.164	-1.937	-1.743	-1.884	-2.516
1491	14.90	-3.591	-4.874	-6.037	-6.782	-6.960	-6.620	-5.984	-5.356	-5.004	-5.074

Table 7-9-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1918 306-GR-1-15 HB. (HB.) MYOUKEN BRIDGE MAX. ACC. = -66.840 (GAL) T= 5.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-5.561	-6.351	-7.304	-8.329	-9.418	-10.315	-11.939	-13.314	-14.537	-15.329
1511	15.10	-15.441	-14.782	-13.497	-11.957	-10.647	-9.987	-10.169	-11.066	-12.275	-13.272
1521	15.20	-13.617	-13.136	-11.980	-10.559	-9.361	-8.742	-8.777	-9.239	-9.764	-9.744
1531	15.30	-9.116	-7.864	-6.290	-4.821	-3.824	-3.457	-3.621	-4.024	-4.321	-4.261
1541	15.40	-3.777	-2.985	-2.101	-1.333	-0.788	-0.452	-0.229	-0.015	0.242	0.524
1551	15.50	0.766	0.909	0.938	0.888	0.811	0.741	0.669	0.574	0.467	0.446
1561	15.60	0.702	1.457	2.866	4.906	7.328	9.696	11.529	12.464	12.402	11.542
1571	15.70	10.303	9.161	8.469	8.342	8.660	9.162	9.595	9.838	9.931	10.028
1581	15.80	10.284	10.752	11.350	11.902	12.239	12.292	12.133	11.936	11.883	12.068
1591	15.90	12.441	12.837	13.057	12.971	12.574	11.984	11.362	10.821	10.359	9.852
1601	16.00	9.121	8.014	6.493	4.648	2.667	0.763	-0.900	-2.235	-3.223	-3.869
1611	16.10	-4.167	-4.095	-3.643	-2.865	-1.907	-0.997	-0.384	-0.258	-0.672	-1.526
1621	16.20	-2.598	-3.633	-4.427	-4.851	-5.054	-5.021	-4.910	-4.792	-4.680	-4.549
1631	16.30	-4.379	-4.195	-4.079	-4.145	-4.493	-5.172	-6.156	-7.355	-8.654	-9.944
1641	16.40	-11.151	-12.227	-13.130	-13.803	-14.159	-14.103	-13.568	-12.564	-11.208	-9.722
1651	16.50	-8.389	-7.480	-7.171	-7.488	-8.286	-9.295	-10.195	-10.725	-10.756	-10.333
1661	16.60	-9.643	-8.940	-8.440	-8.235	-8.253	-8.289	-8.087	-7.438	-6.268	-4.662
1671	16.70	-2.828	-1.014	0.579	1.862	2.859	3.662	4.359	4.973	5.466	5.676
1681	16.80	5.580	5.161	4.530	3.876	3.394	3.198	3.270	3.467	3.585	3.455
1691	16.90	3.025	2.391	1.765	1.383	1.402	1.832	2.525	3.230	3.698	3.777
1701	17.00	3.472	2.945	2.450	2.242	2.483	3.200	4.282	5.532	6.732	7.712
1711	17.10	8.380	8.730	8.807	8.672	8.373	7.927	7.336	6.612	5.806	5.025
1721	17.20	4.423	4.171	4.409	5.197	6.481	8.097	9.801	11.339	12.513	13.234
1731	17.30	13.537	13.544	13.402	13.204	12.957	12.555	11.855	10.736	9.175	7.262
1741	17.40	5.266	3.371	1.778	0.544	-0.415	-1.279	-2.234	-3.295	-4.255	-5.195
1751	17.50	-7.540	-8.638	-9.404	-9.839	-9.986	-9.885	-9.536	-8.898	-7.946	-6.731
1761	17.60	-5.423	-4.298	-3.660	-3.731	-4.516	-5.920	-7.489	-8.839	-9.657	-9.847
1771	17.70	-9.560	-9.127	-8.916	-9.171	-9.908	-10.902	-11.771	-12.129	-11.728	-10.559
1781	17.80	-8.865	-6.960	-5.297	-4.135	-3.569	-3.502	-3.712	-3.951	-4.034	-3.895
1791	17.90	-3.589	-3.249	-3.022	-3.011	-3.234	-3.629	-4.067	-4.399	-4.494	-4.272
1801	18.00	-3.715	-2.879	-1.869	-0.824	0.115	0.840	1.298	1.507	1.554	1.569
1811	18.10	1.493	2.038	2.655	3.522	4.558	5.649	6.685	7.589	8.334	8.938
1821	18.20	9.441	9.879	10.265	10.527	10.771	10.796	10.619	10.243	9.712	9.115
1831	18.30	8.561	8.160	7.993	8.083	8.395	8.825	9.231	9.463	9.410	9.030
1841	18.40	8.366	7.524	6.638	5.818	5.115	4.501	3.892	3.194	2.369	1.374
1851	18.50	0.358	-0.589	-1.280	-1.707	-1.858	-1.812	-1.681	-1.570	-1.535	-1.561
1861	18.60	-1.647	-1.745	-1.785	-1.791	-1.797	-1.852	-2.000	-2.263	-2.644	-3.124
1871	18.70	-3.675	-4.256	-4.814	-5.285	-5.599	-5.700	-5.569	-5.242	-4.814	-4.415
1881	18.80	-4.181	-4.208	-4.517	-5.053	-5.695	-6.297	-6.730	-6.916	-6.840	-6.548
1891	18.90	-6.118	-5.641	-5.192	-4.816	-4.529	-4.324	-4.181	-4.086	-4.049	-4.064
1901	19.00	-4.191	-4.455	-4.865	-5.306	-5.976	-6.502	-6.863	-6.980	-6.822	-6.423
1911	19.10	-5.859	-5.219	-4.569	-3.933	-3.297	-2.635	-1.941	-1.252	-0.642	-0.196
1921	19.20	0.036	0.079	0.022	0.009	0.160	0.615	1.305	2.151	3.006	3.731
1931	19.30	4.241	4.528	4.649	4.686	4.703	4.731	4.753	4.729	4.627	4.441
1941	19.40	4.196	3.926	3.675	3.468	3.321	3.250	3.282	3.355	3.801	4.316
1951	19.50	4.945	5.576	6.068	6.294	6.190	5.781	5.169	4.493	3.875	3.366
1961	19.60	2.935	2.488	1.920	1.175	0.275	-0.671	-1.510	-2.087	-2.306	-2.114
1971	19.70	-1.453	-0.936	-0.113	0.696	1.386	1.864	2.058	1.930	1.507	0.893
1981	19.80	0.248	-0.147	-0.162	0.313	1.219	2.350	3.411	4.116	4.290	3.930
1991	19.90	3.205	2.393	1.775	1.538	1.717	2.203	2.801	3.315	3.617	3.619

Table 7-9-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1918 306-GR-1-15 HB. (HB.) HYOUKEN BRIDGE MAX. ACC. = -64.840 (GAL) T= 5.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	3.557	3.342	3.106	2.869	2.594	2.213	1.661	0.900	-0.075	-1.240
2011	20.10	-2.559	-3.990	-5.479	-6.966	-8.285	-9.362	-10.051	-10.268	-9.996	-9.307
2021	20.20	-8.336	-7.252	-6.212	-5.330	-4.660	-4.211	-3.956	-3.856	-3.867	-3.932
2031	20.30	-3.981	-3.927	-3.679	-3.163	-2.345	-1.244	0.069	1.491	2.913	4.243
2041	20.40	5.414	6.380	7.105	7.554	7.690	7.489	6.956	6.137	5.125	4.048
2051	20.50	3.038	2.210	1.637	1.344	1.307	1.471	1.763	2.105	2.423	2.661
2061	20.60	2.780	2.766	2.631	2.405	2.127	1.831	1.533	1.232	0.910	0.553
2071	20.70	0.164	-0.226	-0.561	-0.768	-0.789	-0.595	-0.201	0.331	0.913	1.451
2081	20.80	1.871	2.135	2.268	2.247	2.184	2.101	2.014	1.904	1.729	1.432
2091	20.90	0.977	0.360	-0.375	-1.147	-1.855	-2.408	-2.754	-2.886	-2.851	-2.724
2101	21.00	-2.598	-2.542	-2.628	-2.893	-3.351	-3.988	-4.754	-5.555	-6.263	-6.732
2111	21.10	-6.845	-6.556	-5.917	-5.076	-4.233	-3.571	-3.185	-3.048	-3.031	-2.965
2121	21.20	-2.736	-2.346	-1.933	-1.718	-1.903	-2.569	-3.625	-4.822	-5.846	-6.437
2131	21.30	-6.495	-6.103	-5.485	-4.692	-4.487	-4.278	-4.124	-3.819	-3.198	-2.231
2141	21.40	-1.053	0.089	0.927	1.273	1.080	0.642	-0.457	-1.426	-2.317	-3.055
2151	21.50	-3.617	-3.991	-4.163	-4.080	-3.698	-3.004	-2.036	-0.884	0.335	1.513
2161	21.60	2.577	3.494	4.255	4.856	5.280	5.508	5.536	5.397	5.169	4.961
2171	21.70	4.880	4.988	5.207	5.714	6.173	6.574	6.865	7.041	7.135	7.189
2181	21.80	7.233	7.267	7.272	7.224	7.108	6.934	6.722	6.500	6.288	6.094
2191	21.90	5.915	5.745	5.580	5.412	5.232	5.027	4.783	4.496	4.181	3.872
2201	22.00	3.603	3.395	3.226	3.031	2.720	2.215	1.493	0.612	-0.290	-1.040
2211	22.10	-1.485	-1.569	-1.264	-0.756	-0.194	0.271	0.559	0.675	0.689	0.690
2221	22.20	0.727	0.783	0.776	0.598	0.159	-0.563	-1.536	-2.566	-3.581	-4.435
2231	22.30	-5.064	-5.475	-5.728	-5.901	-6.058	-6.228	-6.398	-6.532	-6.592	-6.562
2241	22.40	-6.454	-6.300	-6.134	-5.975	-5.807	-5.590	-5.275	-4.827	-4.246	-3.576
2251	22.50	-2.890	-2.272	-1.783	-1.449	-1.257	-1.164	-1.124	-1.103	-1.093	-1.103
2261	22.60	-1.150	-1.246	-1.387	-1.557	-1.738	-1.915	-2.083	-2.241	-2.386	-2.512
2271	22.70	-2.606	-2.660	-2.684	-2.706	-2.752	-2.853	-3.000	-3.146	-3.219	-3.143
2281	22.80	-2.875	-2.439	-1.880	-1.329	-0.870	-0.549	-0.350	-0.204	-0.032	0.215
2291	22.90	0.527	0.841	1.076	1.178	1.159	1.096	1.109	1.305	1.730	2.351
2301	23.00	3.071	3.773	4.382	4.886	5.352	5.880	6.471	7.170	7.863	8.408
2311	23.10	8.674	8.600	8.224	7.669	7.093	6.622	6.303	6.094	5.894	5.601
2321	23.20	5.164	4.808	4.026	3.530	3.206	3.080	3.117	3.250	3.416	3.589
2331	23.30	3.783	4.024	4.323	4.619	4.928	5.073	5.024	4.776	4.388	3.949
2341	23.40	3.538	3.177	2.822	2.385	1.776	0.961	-0.013	-1.027	-1.936	-2.626
2351	23.50	-3.054	-3.264	-3.357	-3.437	-3.582	-3.725	-3.858	-3.879	-3.753	-3.428
2361	23.60	-3.037	-2.673	-2.452	-2.453	-2.704	-3.186	-3.855	-4.661	-5.562	-6.529
2371	23.70	-7.539	-8.564	-9.566	-10.502	-11.323	-11.982	-12.437	-12.652	-12.608	-12.306
2381	23.80	-11.783	-11.102	-10.349	-9.604	-8.914	-8.278	-7.649	-6.962	-6.182	-5.331
2391	23.90	-4.506	-3.848	-3.490	-3.494	-3.818	-4.314	-4.780	-5.032	-4.974	-4.620
2401	24.00	-4.085	-3.520	-3.044	-2.697	-2.431	-2.148	-1.750	-1.209	-0.565	0.087
2411	24.10	0.652	1.085	1.414	1.733	2.152	2.737	3.478	4.277	4.981	5.444
2421	24.20	5.574	5.369	4.919	4.371	3.885	3.593	3.575	3.844	4.360	5.049
2431	24.30	5.814	6.563	7.222	7.749	8.144	8.448	8.727	9.048	9.447	9.911
2441	24.40	10.372	10.727	10.880	10.773	10.417	9.882	9.274	8.688	8.179	7.743
2451	24.50	7.341	6.927	6.491	6.074	5.755	5.614	5.684	5.926	6.228	6.448
2461	24.60	6.467	6.243	5.828	5.348	4.945	4.710	4.631	4.594	4.415	3.913
2471	24.70	2.981	1.911	-0.006	-1.717	-3.277	-4.515	-5.356	-5.818	-6.007	-6.051
2481	24.80	-6.060	-6.098	-6.169	-6.231	-6.215	-6.062	-5.735	-5.245	-4.643	-4.011
2491	24.90	-3.443	-3.021	-2.790	-2.753	-2.868	-3.069	-3.288	-3.477	-3.626	-3.761

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

INDEX NO. 1918 306-GR-1-15 HB. (HB.) HYOUKEN BRIDGE MAX. ACC. = -64.840 (GAL) T= 5.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-3.926	-4.167	-4.509	-4.952	-5.465	-6.004	-6.513	-6.942	-7.245	-7.381
2511	25.10	-7.316	-7.034	-6.548	-5.898	-5.168	-4.457	-3.862	-3.452	-3.251	-3.233
2521	25.20	-3.340	-3.496	-3.638	-3.726	-3.741	-3.683	-3.554	-3.354	-3.080	-2.729
2531	25.30	-2.306	-1.831	-1.281	-0.701	-0.084	0.567	1.240	1.910	2.529	3.040
2541	25.40	3.391	3.567	3.508	3.307	3.001	2.660	2.355	2.150	2.102	2.252
2551	25.50	2.615	3.170	3.842	4.503	4.999	5.184	4.976	4.589	3.546	2.650
2561	25.60	1.926	1.554	1.620	2.095	2.862	3.760	4.640	5.397	5.982	6.382
2571	25.70	6.595	6.609	6.404	5.963	5.296	4.448	3.496	2.530	1.617	0.794
2581	25.80	0.058	-0.618	-1.261	-1.880	-2.466	-2.996	-3.448	-3.807	-4.066	-4.216
2591	25.90	-4.235	-4.091	-3.756	-3.233	-2.572	-1.872	-1.259	-0.846	-0.689	-0.770
2601	26.00	-0.999	-1.256	-1.437	-1.494	-1.488	-1.372	-1.316	-1.419	-1.583	-1.775
2611	26.10	-1.909	-1.912	-1.751	-1.442	-1.033	-0.586	-0.148	0.251	0.595	0.870
2621	26.20	1.057	1.130	1.075	0.899	0.632	0.324	0.024	-0.240	-0.465	-0.672
2631	26.30	-0.885	-1.115	-1.354	-1.580	-1.777	-1.950	-2.132	-2.366	-2.683	-3.074
2641	26.40	-3.486	-3.828	-4.007	-3.959	-3.671	-3.184	-2.565	-1.889	-1.208	-0.551
2651	26.50	0.064	0.620	1.086	1.423	1.599	1.696	1.683	1.703	0.854	0.421
2661	26.60	-0.117	-0.779	-1.556	-2.378	-3.118	-3.620	-3.759	-3.485	-2.856	-2.011
2671	26.70	-1.128	-0.354	0.234	0.638	0.908	1.098	1.223	1.260	1.177	0.973
2681	26.80	0.705	0.487	0.443	0.649	1.087	1.643	2.153	2.466	2.513	2.333
2691	26.90	2.049	1.809	1.724	1.826	2.075	2.391	2.703	2.972	3.187	3.339
2701	27.00	3.395	3.296	2.990	2.681	1.870	1.350	1.150	1.442	2.262	3.467
2711	27.10	4.774	5.859	6.471	6.525	6.117	5.471	4.831	4.364	4.102	3.956
2721	27.20	3.783	3.478	3.025	2.508	2.060	1.806	1.788	1.959	2.202	2.367
2731	27.30	2.427	2.225	2.028	1.678	1.288	0.844	0.384	-0.180	-0.833	-1.542
2741	27.40	-2.251	-2.897	-3.441	-3.877	-4.228	-4.519	-4.755	-4.905	-4.911	-4.722
2751	27.50	-4.304	-3.691	-2.969	-2.265	-1.696	-1.354	-1.261	-1.380	-1.634	-1.947
2761	27.60	-2.272	-2.607	-2.985	-3.444	-3.994	-4.589	-5.130	-5.492	-5.568	-5.316
2771	27.70	-4.778	-4.074	-3.357	-2.763	-2.365	-2.154	-2.061	-1.993	-1.882	-1.710
2781	27.80	-1.504	-1.311	-1.162	-1.049	-0.934	-0.774	-0.558	-0.328	-0.168	-0.165
2791	27.90	-0.387	-0.745	-1.200	-1.593	-1.807	-1.787	-1.542	-1.220	-0.863	-0.560
2801	28.00	-0.316	-0.083	0.208	0.403	1.100	1.650	2.177	2.607	2.893	3.006
2811	28.10	2.935	2.666	2.194	1.538	0.775	0.034	-0.506	-0.685	-0.427	0.218
2821	28.20	1.069	1.867	2.371	2.444	2.104	1.509	0.886	0.434	0.241	0.269
2831	28.30	0.384	0.439	0.355	0.160	-0.021	-0.035	0.228	0.774	1.502	2.238
2841	28.40	2.808	3.099	3.094	2.858	2.498	2.110	1.744	1.398	1.042	0.647
2851	28.50	0.220	-0.190	-0.495	-0.605	-0.450	-0.010	0.673	1.506	2.345	3.046
2861	28.60	3.472	3.538	3.224	2.596	1.775	0.925	0.204	-0.279	-0.486	-0.450
2871	28.70	-0.251	0.023	0.301	0.573	0.855	1.181	1.581	2.000	2.411	2.725
2881	28.80	2.876	2.829	2.606	2.258	1.847	1.419	0.987	0.539	0.069	-0.490
2891	28.90	-1.057	-1.602	-2.081	-2.384	-2.552	-2.589	-2.549	-2.494	-2.470	-2.493
2901	29.00	-2.544	-2.589	-2.595	-2.567	-2.453	-2.341	-2.238	-2.164	-2.118	-2.083
2911	29.10	-2.039	-1.972	-1.865	-1.798	-1.763	-1.768	-1.829	-1.982	-2.181	-2.384
2921	29.20	-2.545	-2.619	-2.574	-2.409	-2.131	-1.796	-1.455	-1.178	-1.017	-0.995
2931	29.30	-1.096	-1.225	-1.421	-1.609	-1.812	-1.910	-1.781	-1.288	-0.257	0.814
2941	29.40	1.355	1.881	2.309	2.636	2.842	2.799	2.478	1.876	1.047	0.098
2951	29.50	-0.830	-1.600	-2.112	-2.325	-2.255	-1.958	-1.506	-0.966	-0.378	0.222
2961	29.60	0.814	1.373	1.869	2.274	2.574	2.776	2.907	3.007	3.107	3.217
2971	29.70	3.322	3.392	3.400	3.340	3.232	3.113	3.017	2.948	2.868	2.712
2981	29.80	2.408	1.917	1.262	0.524	-0.179	-0.737	-1.090	-1.254	-1.308	-1.350
2991	29.90	-1.452	-1.614	-1.758	-1.750	-1.489	-0.848	0.094	1.253	2.401	3.424

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

INDEX NO. 1918 306-GR-1-15 HB. (HB.) HYOUKEN BRIDGE MAX. ACC. = -64.840 (GAL) T= 5.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	4.169	4.566	4.606	4.315	3.733	2.904	1.884	0.753	-0.382	-1.400
3011	30.10	-2.197	-2.723	-3.001	-3.121	-3.197	-3.319	-3.510	-3.719	-3.845	-3.793
3021	30.20	-3.518	-3.056	-2.505	-1.986	-1.586	-1.333	-1.197	-1.118	-1.056	-1.018
3031	30.30	-1.053	-1.222	-1.557	-2.026	-2.541	-2.991	-3.287	-3.403	-3.380	-3.296
3041	30.40	-3.219	-3.121	-3.115	-2.995	-2.727	-2.536	-1.866	-1.404	-1.014	-0.700
3051	30.50	-0.397	0.001	0.582	1.353	2.223	3.027	3.588	3.795	3.649	3.256
3061	30.60	2.778	2.356	2.043	1.793	1.489	1.015	0.332	-0.490	-1.287	-1.857
3071	30.70	-2.046	-1.801	-1.193	-0.384	0.436	1.117	1.590	1.671	2.035	2.165
3081	30.80	2.316	2.488	2.641	2.715	2.652	2.464	2.143	1.747	1.332	0.948
3091	30.90	0.625	0.378	0.208	0.116	0.105	0.186	0.368	0.653	1.024	1.443
3101	31.00	1.862	2.229	2.510	2.698	2.818	2.911	3.017	3.169	3.283	3.362
3111	31.10	3.317	3.094	2.688	2.145	1.553	1.011	0.595	0.329	0.182	0.087
3121	31.20	-0.025	-0.199	-0.440	-0.716	-0.981	-1.200	-1.367	-1.500	-1.630	-1.775
3131	31.30	-1.933	-2.073	-2.156	-2.152	-2.056	-1.896	-1.716	-1.565	-1.471	-1.439
3141	31.40	-1.453	-1.488	-1.522	-1.551	-1.580	-1.620	-1.677	-1.749	-1.821	-1.878
3151	31.50	-1.914	-1.932	-1.947	-1.977	-2.036	-2.122	-2.222	-2.308	-2.352	-2.326
3161	31.60	-2.218	-2.030	-1.777	-1.487	-1.192	-0.918	-0.685	-0.499	-0.359	-0.255
3171	31.70	-0.179	-0.127	-0.099	-0.095	-0.110	-0.128	-0.125	-0.077	0.030	0.195
3181	31.80	0.399	0.613	0.813	0.989	1.149	1.314	1.500	1.706	1.909	2.071
3191	31.90	2.154	2.142	2.043	1.891	1.725	1.572	1.435	1.295	1.128	0.922
3201	32.00	0.690	0.464	0.277	0.139	0.029	-0.096	-0.279	-0.531	-0.814	-1.048
3211	32.10	-1.144	-1.043	-0.745	-0.316	0.154	0.569	0.897	1.162	1.426	1.746
3221	32.20	2.124	2.488	2.718	2.693	2.354	1.742	0.989	0.272	-0.257	-0.529
3231	32.30	-0.571	-0.486	-0.390	-0.357	-0.388	-0.426	-0.394	-0.255	-0.032	0.188
3241	32.40	0.303	0.238	-0.008	-0.371	-0.745	-1.040	-1.216	-1.298	-1.358	-1.465
3251	32.50	-1.653	-1.904	-2.156	-2.345	-2.434	-2.440	-2.413	-2.217	-2.488	-2.617
3261	32.60	-2.756	-2.836	-2.817	-2.690	-2.487	-2.259	-2.045	-1.851	-1.652	-1.404
3271	32.70	-1.075	-0.662	-0.196	0.275	0.712	1.103	1.465	1.827	2.202	2.563
3281	32.80	2.838	2.930	2.761	2.306	1.620	0.831	0.101	-0.423	-0.654	-0.594
3291	32.90	-0.318	0.052	0.402	0.656	0.799	0.863	0.898	0.945	1.013	1.081
3301	33.00	1.113	1.085	1.003	0.900	0.829	0.834	0.929	1.097	1.296	1.467
3311	33.10	1.658	1.832	2.065	2.409	2.890	3.476	4.078	4.573	4.844	4.817
3321	33.20	4.492	3.939	3.277	2.630	2.094	1.709	1.462	1.300	1.162	1.003
3331	33.30	0.803	0.569	0.321	0.081	-0.138	-0.332	-0.505	-0.660	-0.796	-0.910
3341	33.40	-0.998	-1.060	-1.101	-1.128	-1.147	-1.163	-1.177	-1.189	-1.203	-1.223
3351	33.50	-1.254	-1.301	-1.359	-1.421	-1.476	-1.518	-1.547	-1.572	-1.603	-1.650
3361	33.60	-1.713	-1.783	-1.847	-1.896	-1.934	-1.973	-2.035	-2.142	-2.300	-2.503
3371	33.70	-2.731	-2.959	-3.169	-3.352	-3.510	-3.649	-3.772	-3.872	-3.936	-3.952
3381	33.80	-3.918	-3.844	-3.754	-3.672	-3.613	-3.575	-3.536	-3.470	-3.352	-3.178
3391	33.90	-2.960	-2.730	-2.520	-2.355	-2.245	-2.183	-2.155	-2.139	-2.119	-2.078
3401	34.00	-1.997	-1.858	-1.642	-1.340	-0.956	-0.510	-0.031	0.461	0.963	1.499
3411	34.10	2.105	2.813	3.616	4.461	5.247	5.853	6.182	6.194	5.926	5.482
3421	34.20	4.989	4.555	4.226	3.974	3.721	3.581	2.905	2.316	1.700	1.178
3431	34.30	0.860	0.805	1.001	1.374	1.824	2.257	2.616	2.887	3.088	3.247
3441	34.40	3.381	3.494	3.575	3.618	3.627	3.621	3.625	3.658	3.720	3.791
3451	34.50	3.841	3.840	3.776	3.658	3.508	3.357	3.227	3.126	3.048	2.978
3461	34.60	2.901	2.806	2.685	2.534	2.347	2.117	1.839	1.521	1.183	0.853
3471	34.70	0.561	0.325	0.143	-0.010	-0.172	-0.379	-0.651	-0.982	-1.343	-1.693
3481	34.80	-1.996	-2.231	-2.402	-2.529	-2.637	-2.745	-2.859	-2.969	-3.055	-3.100
3491	34.90	-3.090	-3.022	-2.900	-2.734	-2.539	-2.333	-2.141	-1.995	-1.922	-1.942

Table 7-9-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1918 306-GR-1-15 HB. (HB.) HYOUKEN BRIDGE MAX. ACC. = -64.840 (GAL) T= 5.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-2.058	-2.252	-2.496	-2.759	-3.027	-3.309	-3.632	-4.024	-4.495	-5.013
3511	35.10	-5.509	-5.893	-6.086	-6.051	-5.812	-5.447	-5.061	-4.741	-4.530	-4.410
3521	35.20	-4.327	-4.220	-4.063	-3.876	-3.733	-3.701	-3.824	-4.078	-4.376	-4.597
3531	35.30	-4.633	-4.432	-4.020	-3.486	-2.943	-2.683	-2.139	-1.886	-1.656	-1.378
3541	35.40	-1.019	-0.588	-0.129	0.303	0.674	0.985	1.250	1.567	1.910	2.200
3551	35.50	2.711	3.104	3.443	3.713	3.921	4.088	4.256	4.384	4.542	4.716
3561	35.60	4.909	5.120	5.359	5.560	5.680	5.714	5.611	5.373	5.048	4.713
3571	35.70	4.456	4.347	4.398	4.576	4.810	5.025	5.166	5.215	5.185	5.102
3581	35.80	4.979	4.804	4.550	4.191	3.728	3.193	2.644	2.137	1.704	1.330
3591	35.90	0.968	0.561	0.078	-0.466	-1.007	-1.454	-1.733	-1.814	-1.727	-1.552
3601	36.00	-1.382	-1.292	-1.309	-1.411	-1.546	-1.660	-1.724	-1.741	-1.741	-1.763
3611	36.10	-1.834	-1.954	-2.105	-2.257	-2.382	-2.469	-2.523	-2.561	-2.603	-2.662
3621	36.20	-2.742	-2.834	-2.919	-2.974	-2.974	-2.903	-2.756	-2.539	-2.288	-2.039
3631	36.30	-1.830	-1.680	-1.584	-1.513	-1.426	-1.292	-1.106	-0.896	-0.715	-0.617
3641	36.40	-0.636	-0.763	-0.953	-1.135	-1.244	-1.239	-1.119	-0.914	-0.671	-0.430
3651	36.50	-0.212	-0.019	0.159	0.328	0.483	0.614	0.710	0.772	0.814	0.857
3661	36.60	0.920	1.000	1.079	1.123	1.109	1.029	0.903	0.765	0.648	0.563
3671	36.70	0.497	0.417	0.293	0.121	-0.069	-0.215	-0.255	-0.149	0.009	0.140
3681	36.80	0.802	1.117	1.354	1.521	1.658	1.812	2.005	2.220	2.408	2.511
3691	36.90	2.485	2.324	2.084	1.768	1.502	1.315	1.227	1.229	1.296	1.397
3701	37.00	1.504	1.595	1.666	1.636	1.551	1.386	1.161	0.912	0.680	0.497
3711	37.10	0.366	0.252	0.094	-0.170	-0.575	-1.107	-1.696	-2.234	-2.609	-2.741
3721	37.20	-2.606	-2.247	-1.757	-1.248	-0.820	-0.535	-0.403	-0.388	-0.429	-0.457
3731	37.30	-0.420	-0.295	-0.093	0.147	0.370	0.524	0.573	0.507	0.346	0.127
3741	37.40	-0.104	-0.309	-0.469	-0.587	-0.683	-0.783	-0.910	-1.078	-1.290	-1.544
3751	37.50	-1.836	-2.188	-2.506	-2.855	-3.169	-3.399	-3.492	-3.507	-3.437	-3.212
3761	37.60	-2.700	-1.689	-1.262	-0.972	-0.829	-0.800	-0.822	-0.832	-0.784	-0.670
3771	37.70	-0.518	-0.375	-0.285	-0.268	-0.304	-0.339	-0.300	-0.127	0.208	0.683
3781	37.80	1.228	1.753	2.173	2.437	2.547	2.551	2.520	2.523	2.595	2.728
3791	37.90	2.878	2.986	3.007	2.929	2.775	2.592	2.426	2.308	2.234	2.180
3801	38.00	2.111	2.005	1.857	1.682	1.504	1.337	1.180	1.013	0.815	0.577
3811	38.10	0.311	0.058	-0.132	-0.213	-0.162	0.012	0.274	0.573	0.862	1.107
3821	38.20	1.287	1.393	1.412	1.324	1.106	0.744	0.246	-0.346	-0.954	-1.480
3831	38.30	-1.832	-1.946	-1.817	-1.497	-1.087	-0.708	-0.470	-0.441	-0.632	-1.003
3841	38.40	-1.481	-1.983	-2.448	-2.838	-3.142	-3.362	-3.497	-3.535	-3.461	-3.265
3851	38.50	-2.964	-2.602	-2.243	-1.952	-1.742	-1.669	-1.623	-1.558	-1.422	-1.205
3861	38.60	-0.946	-0.716	-0.580	-0.562	-0.627	-0.687	-0.643	-0.435	-0.071	0.362
3871	38.70	0.732	0.915	0.847	0.552	0.128	-0.293	-0.599	-0.728	-0.761	-0.728
3881	38.80	-0.730	-0.815	-0.969	-1.130	-1.221	-1.188	-1.126	-0.979	-0.912	-0.784
3891	38.90	-0.119	-0.002	0.104	0.233	0.394	0.571	0.729	0.843	0.911	0.960
3901	39.00	1.032	1.162	1.357	1.594	1.824	1.999	2.088	2.087	2.017	1.906
3911	39.10	1.777	1.638	1.478	1.297	1.100	0.913	0.772	0.709	0.741	0.860
3921	39.20	1.036	1.230	1.408	1.552	1.657	1.725	1.753	1.732	1.643	1.472
3931	39.30	1.214	0.884	0.512	0.130	-0.233	-0.564	-0.881	-1.127	-1.359	-1.564
3941	39.40	-1.657	-1.678	-1.585	-1.392	-1.119	-0.804	-0.484	-0.184	0.083	0.317
3951	39.50	0.521	0.696	0.835	0.925	0.952	0.906	0.788	0.609	0.391	0.167
3961	39.60	-0.022	-0.138	-0.144	-0.023	0.220	0.547	0.895	1.187	1.356	1.366
3971	39.70	1.224	0.978	0.697	0.451	0.280	0.184	0.133	0.080	-0.013	-0.155
3981	39.80	-0.327	-0.496	-0.626	-0.703	-0.739	-0.760	-0.793	-0.851	-0.924	-0.986
3991	39.90	-1.010	-0.984	-0.913	-0.817	-0.716	-0.614	-0.500	-0.350	-0.146	0.111

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

INDEX NO. 1918 306-GR-1-15 HB. (HB.) HYOUKEN BRIDGE MAX. ACC. = -64.860 (GAL) T= 5.66 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
4001	40.00	0.394	0.661	0.875	1.026	1.135	1.247	1.409	1.635	1.899	2.136
4011	40.10	2.266	2.235	2.036	1.716	1.361	1.056	0.843	0.725	0.458	0.587
4021	40.20	0.483	0.364	0.285	0.313	0.486	0.705	1.120	1.382	1.460	1.302
4031	40.30	0.928	0.422	-0.104	-0.552	-0.868	-1.055	-1.144	-1.173	-1.153	-1.070
4041	40.40	-0.895	-0.614	-0.250	0.132	0.444	0.605	0.575	0.367	0.040	-0.329
4051	40.50	-0.677	-0.980	-1.247	-1.507	-1.775	-2.042	-2.260	-2.373	-2.337	-2.147
4061	40.60	-1.848	-1.522	-1.261	-1.136	-1.177	-1.368	-1.661	-1.996	-2.322	-2.604
4071	40.70	-2.827	-2.988	-3.093	-3.151	-3.175	-3.185	-3.205	-3.251	-3.327	-3.416
4081	40.80	-3.479	-3.472	-3.361	-3.134	-2.806	-2.412	-1.990	-1.558	-1.114	-0.633
4091	40.90	-0.096	0.496	1.106	1.663	2.081	2.294	2.279	2.066	1.732	1.372
4101	41.00	1.064	0.849	0.718	0.624	0.508	0.322	0.046	-0.309	-0.709	-1.112
4111	41.10	-1.480	-1.781	-1.987	-2.074	-2.016	-1.796	-1.416	-0.905	-0.315	0.286
4121	41.20	0.837	1.305	1.694	2.041	2.394	2.781	3.193	3.577	3.869	3.931
4131	41.30	3.761	3.422	2.938	2.453	2.096	1.958	2.068	2.389	2.836	3.306
4141	41.40	3.711	3.995	4.143	4.166	4.093	3.949	3.754	3.518	3.249	2.959
4151	41.50	2.661	2.323	2.111	1.886	1.703	1.568	1.473	1.412	1.368	1.319
4161	41.60	1.238	1.104	0.904	0.645	0.349	0.046	-0.236	-0.484	-0.704	-0.911
4171	41.70	-1.122	-1.338	-1.546	-1.718	-1.835	-1.896	-1.928	-1.976	-2.078	-2.245
4181	41.80	-2.443	-2.599	-2.630	-2.480	-2.144	-1.682	-1.195	-0.789	-0.529	-0.422
4191	41.90	-0.416	-0.436	-0.423	-0.364	-0.299	-0.295	-0.409	-0.654	-0.986	-1.327
4201	42.00	-1.602	-1.777	-1.878	-1.979	-2.158	-2.458	-2.851	-3.244	-3.513	-3.553
4211	42.10	-3.324	-2.866	-2.284	-1.705	-1.231	-0.907	-0.717	-0.608	-0.526	-0.442
4221	42.20	-0.363	-0.326	-0.367	-0.500	-0.708	-0.942	-1.148	-1.277	-1.308	-1.243
4231	42.30	-1.101	-0.907	-0.676	-0.416	-0.127	0.193	0.538	0.901	1.267	1.620
4241	42.40	1.943	2.219	2.431	2.565	2.610	2.569	2.453	2.286	2.096	1.911
4251	42.50	1.755	1.645	1.590	1.595	1.654	1.753	1.867	1.956	1.981	1.912
4261	42.60	1.740	1.683	1.181	0.880	0.615	0.391	0.188	-0.032	-0.302	-0.627
4271	42.70	-0.976	-1.269	-1.498	-1.551	-1.430	-1.157	-0.783	-0.366	0.035	0.391
4281	42.80	0.679	0.887	1.008	1.034	0.969	0.829	0.652	0.479	0.348	0.273
4291	42.90	0.241	0.214	0.156	0.048	-0.095	-0.230	-0.303	-0.276	-0.147	0.049
4301	43.00	0.253	0.413	0.503	0.539	0.584	0.622	0.737	0.887	1.019	1.068
4311	43.10	0.991	0.786	0.498	0.199	-0.042	-0.191	-0.266	-0.322	-0.430	-0.640
4321	43.20	-0.956	-1.336	-1.706	-1.994	-2.165	-2.233	-2.260	-2.323	-2.480	-2.738
4331	43.30	-3.039	-3.273	-3.318	-3.079	-2.531	-1.728	-0.800	0.093	0.798	1.219
4341	43.40	1.551	1.180	0.856	0.456	0.053	-0.321	-0.670	-1.010	-1.350	-1.671
4351	43.50	-1.924	-2.046	-1.981	-1.701	-1.225	-0.611	0.054	0.677	1.178	1.505
4361	43.60	1.637	1.580	1.362	1.025	0.616	0.191	-0.199	-0.501	-0.673	-0.690
4371	43.70	-0.543	-0.253	0.136	0.558	0.935	1.194	1.277	1.163	0.873	0.469
4381	43.80	0.034	-0.343	-0.601	-0.722	-0.733	-0.697	-0.683	-0.738	-0.868	-1.033
4391	43.90	-1.169	-1.207	-1.110	-0.882	-0.565	-0.226	0.075	0.304	0.463	0.584
4401	44.00	0.708	0.870	1.079	1.324	1.576	1.803	1.988	2.125	2.224	2.303
4411	44.10	2.382	2.475	2.592	2.738	2.906	3.081	3.236	3.336	3.347	3.248
4421	44.20	3.038	2.742	2.403	2.065	1.760	1.492	1.245	0.987	0.696	0.369
4431	44.30	0.033	-0.274	-0.512	-0.665	-0.744	-0.784	-0.825	-0.889	-0.966	-1.017
4441	44.40	-0.996	-0.868	-0.634	-0.335	-0.033	0.208	0.354	0.412	0.421	0.434
4451	44.50	0.490	0.593	0.716	0.809	0.833	0.773	0.668	0.502	0.378	0.302
4461	44.60	0.269	0.248	0.203	0.111	-0.026	-0.185	-0.335	-0.459	-0.562	-0.671
4471	44.70	-0.817	-1.018	-1.245	-1.525	-1.756	-1.932	-2.055	-2.158	-2.282	-2.458
4481	44.80	-2.676	-2.886	-3.016	-3.000	-2.815	-2.498	-2.132	-1.821	-1.647	-1.662
4491	44.90	-1.780	-1.992	-2.205	-2.370	-2.475	-2.541	-2.591	-2.625	-2.606	-2.475

Table 7-9-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1918 306-GR-1-15 HB. (HB.) HYOUKEN BRIDGE MAX. ACC. = -64.840 (GAL) T= 5.66 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
4501	45.00	-2.180	-1.715	-1.139	-0.565	-0.126	0.074	0.003	-0.287	-0.683	-1.062
4511	45.10	-1.335	-1.485	-1.560	-1.641	-1.794	-2.032	-2.300	-2.503	-2.543	-2.367
4521	45.20	-1.991	-1.492	-0.978	-0.546	-0.245	-0.066	0.041	0.140	0.280	0.474
4531	45.30	0.705	0.939	1.148	1.322	1.470	1.612	1.766	1.940	2.133	2.338
4541	45.40	2.549	2.765	2.984	3.198	3.389	3.530	3.598	3.582	3.492	3.358
4551	45.50	3.221	3.116	3.058	3.037	3.029	3.001	2.932	2.819	2.674	2.518
4561	45.60	2.367	2.228	2.098	1.967	1.830	1.688	1.550	1.426	1.319	1.222
4571	45.70	1.121	0.998	0.865	0.668	0.490	0.347	0.276	0.303	0.436	0.650
4581	45.80	0.907	1.151	1.323	1.382	1.310	1.124	0.862	0.579	0.326	0.130
4591	45.90	-0.006	-0.108	-0.214	-0.350	-0.524	-0.708	-0.856	-0.917	-0.860	-0.691
4601	46.00	-0.453	-0.216	-0.054	-0.023	-0.142	-0.390	-0.718	-1.068	-1.386	-1.641
4611	46.10	-1.827	-1.959	-2.059	-2.151	-2.246	-2.345	-2.436	-2.504	-2.539	-2.541
4621	46.20	-2.525	-2.516	-2.542	-2.620	-2.747	-2.895	-3.020	-3.074	-3.022	-2.857
4631	46.30	-2.607	-2.322	-2.056	-1.852	-1.726	-1.664	-1.633	-1.600	-1.562	-1.456
4641	46.40	-1.356	-1.260	-1.182	-1.125	-1.079	-1.031	-0.968	-0.883	-0.771	-0.631
4651	46.50	-0.461	-0.280	-0.038	0.194	0.399	0.546	0.608	0.579	0.475	0.331
4661	46.60	0.185	0.053	-0.030	-0.110	-0.198	-0.304	-0.416	-0.499	-0.508	-0.406
4671	46.70	-0.186	0.128	0.485	0.830	1.118	1.333	1.480	1.583	1.663	1.731
4681	46.80	1.786	1.823	1.840	1.849	1.869	1.923	2.023	2.168	2.336	2.503
4691	46.90	2.687	2.758	2.839	2.902	2.956	2.998	3.018	3.002	2.937	2.822
4701	47.00	2.687	2.489	2.304	2.124	1.952	1.788	1.632	1.489	1.361	1.268
4711	47.10	1.138	1.009	0.835	0.596	0.288	-0.088	-0.430	-0.749	-0.980	-1.099
4721	47.20	-1.105	-1.008	-0.842	-0.630	-0.393	-0.145	0.114	0.328	0.511	0.644
4731	47.30	0.664	0.589	0.401	0.166	-0.105	-0.382	-0.639	-0.864	-1.050	-1.198
4741	47.40	-1.314	-1.407	-1.489	-1.571	-1.666	-1.775	-1.892	-2.006	-2.102	-2.178
4751	47.50	-2.245	-2.326	-2.444	-2.607	-2.794	-2.957	-3.033	-2.970	-2.753	-2.415
4761	47.60	-2.027	-1.677	-1.430	-1.304	-1.266	-1.249	-1.192	-1.067	-0.901	-0.758
4771	47.70	-0.703	-0.767	-0.919	-1.075	-1.134	-1.023	-0.739	-0.355	0.009	0.232
4781	47.80	0.248	0.070	-0.217	-0.492	-0.653	-0.653	-0.508	-0.282	-0.049	0.144
4791	47.90	0.288	0.400	0.516	0.647	0.786	0.909	1.001	1.046	1.132	1.230
4801	48.00	1.373	1.536	1.665	1.697	1.599	1.389	1.148	0.983	0.986	1.196
4811	48.10	1.574	2.023	2.428	2.706	2.835	2.860	2.857	2.893	2.986	3.094
4821	48.20	3.136	3.035	2.755	2.322	1.816	1.336	0.958	0.707	0.550	0.424
4831	48.30	0.267	0.053	-0.194	-0.411	-0.527	-0.494	-0.309	-0.018	0.297	0.552
4841	48.40	0.683	0.662	0.503	0.242	-0.073	-0.398	-0.704	-0.977	-1.209	-1.399
4851	48.50	-1.544	-1.647	-1.711	-1.748	-1.773	-1.802	-1.841	-1.887	-1.923	-1.927
4861	48.60	-1.888	-1.773	-1.623	-1.449	-1.295	-1.195	-1.166	-1.201	-1.293	-1.415
4871	48.70	-1.480	-1.480	-1.605	-1.916	-1.997	-2.019	-1.945	-1.749	-1.424	-0.996
4881	48.80	-0.519	-0.063	0.310	0.563	0.692	0.722	0.689	0.623	0.538	0.429
4891	48.90	0.284	0.101	-0.107	-0.314	-0.489	-0.615	-0.696	-0.755	-0.823	-0.919
4901	49.00	-1.033	-1.132	-1.166	-1.094	-0.900	-0.605	-0.260	0.081	0.375	0.612
4911	49.10	0.810	1.004	1.220	1.459	1.691	1.861	1.917	1.833	1.625	1.352
4921	49.20	1.099	0.951	0.863	1.146	1.459	1.827	2.166	2.400	2.500	2.468
4931	49.30	2.341	2.171	2.092	1.862	1.750	1.650	1.535	1.387	1.201	0.983
4941	49.40	0.752	0.521	0.299	0.084	-0.131	-0.353	-0.584	-0.819	-1.053	-1.278
4951	49.50	-1.491	-1.690	-1.867	-2.003	-2.073	-2.049	-1.913	-1.670	-1.349	-0.999
4961	49.60	-0.670	-0.400	-0.200	-0.052	0.079	0.226	0.404	0.601	0.785	0.920
4971	49.70	0.983	0.973	0.914	0.861	0.786	0.758	0.759	0.766	0.757	0.718
4981	49.80	0.615	0.543	0.420	0.278	0.117	-0.066	-0.267	-0.469	-0.647	-0.768
4991	49.90	-0.804	-0.741	-0.582	-0.349	-0.079	0.183	0.392	0.507	0.503	0.373

Table 7-9-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1918 306-GR-1-15 HB. (HB.) HYOUKEN BRIDGE MAX. ACC. = -64.840 (GAL) T= 5.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.135	-0.173	-0.499	-0.796	-1.034	-1.210	-1.343	-1.464	-1.594	-1.726
5011	50.10	-1.826	-1.846	-1.746	-1.511	-1.178	-0.811	-0.479	-0.234	-0.082	0.011
5021	50.20	0.097	0.218	0.377	0.536	0.631	0.604	0.437	0.157	-0.168	-0.468
5031	50.30	-0.695	-0.852	-0.976	-1.122	-1.323	-1.570	-1.810	-1.976	-2.011	-1.901
5041	50.40	-1.676	-1.397	-1.121	-0.878	-0.666	-0.456	-0.227	0.011	0.214	0.320
5051	50.50	0.278	0.079	-0.225	-0.543	-0.775	-0.850	-0.757	-0.540	-0.280	-0.055
5061	50.60	0.090	0.158	0.186	0.223	0.302	0.424	0.568	0.700	0.798	0.861
5071	50.70	0.908	0.965	1.046	1.150	1.253	1.329	1.356	1.330	1.259	1.156
5081	50.80	1.035	0.902	0.762	0.625	0.517	0.473	0.528	0.701	0.979	1.321
5091	50.90	1.664	1.949	2.143	2.246	2.293	2.329	2.369	2.478	2.573	2.630
5101	51.00	2.610	2.497	2.307	2.080	1.862	1.687	1.584	1.478	1.402	1.314
5111	51.10	1.210	1.098	0.995	0.914	0.851	0.790	0.708	0.592	0.443	0.282
5121	51.20	0.132	0.011	-0.083	-0.165	-0.266	-0.397	-0.563	-0.741	-0.900	-1.016
5131	51.30	-1.083	-1.124	-1.172	-1.255	-1.376	-1.516	-1.623	-1.653	-1.581	-1.421
5141	51.40	-1.220	-1.039	-0.924	-0.895	-0.935	-1.011	-1.090	-1.165	-1.250	-1.379
5151	51.50	-1.572	-1.827	-2.109	-2.368	-2.566	-2.694	-2.760	-2.673	-3.011	-3.192
5161	51.60	-3.365	-3.445	-3.354	-3.056	-2.590	-2.055	-1.579	-1.266	-1.153	-1.194
5171	51.70	-1.286	-1.314	-1.199	-0.931	-0.566	-0.198	0.087	0.245	0.284	0.249
5181	51.80	0.195	0.153	0.124	0.082	0.001	-0.121	-0.261	-0.371	-0.403	-0.330
5191	51.90	-0.160	0.074	0.328	0.563	0.766	0.939	1.099	1.257	1.418	1.577
5201	52.00	1.728	1.872	2.014	2.160	2.307	2.438	2.521	2.529	2.449	2.293
5211	52.10	2.098	1.912	1.770	1.685	1.642	1.612	1.568	1.504	1.441	1.416
5221	52.20	1.465	1.604	1.819	2.071	2.309	2.488	2.583	2.584	2.496	2.329
5231	52.30	2.090	1.791	1.453	1.108	0.795	0.551	0.390	0.295	0.224	0.120
5241	52.40	-0.058	-0.318	-0.629	-0.934	-1.173	-1.311	-1.353	-1.361	-1.333	-1.373
5251	52.50	-1.473	-1.606	-1.720	-1.764	-1.710	-1.567	-1.370	-1.173	-1.008	-0.899
5261	52.60	-0.839	-0.804	-0.775	-0.743	-0.712	-0.696	-0.707	-0.747	-0.812	-0.890
5271	52.70	-0.973	-1.058	-1.164	-1.225	-1.282	-1.288	-1.216	-1.048	-0.794	-0.489
5281	52.80	-0.189	0.052	0.197	0.244	0.216	0.155	0.097	0.055	0.018	-0.038
5291	52.90	-0.139	-0.288	-0.467	-0.640	-0.771	-0.843	-0.866	-0.874	-0.905	-0.984
5301	53.00	-1.109	-1.255	-1.380	-1.456	-1.476	-1.460	-1.446	-1.468	-1.539	-1.643
5311	53.10	-1.741	-1.790	-1.759	-1.644	-1.466	-1.261	-1.061	-0.884	-0.730	-0.593
5321	53.20	-0.466	-0.352	-0.261	-0.202	-0.166	-0.128	-0.043	0.131	0.416	0.797
5331	53.30	1.226	1.633	1.952	2.149	2.232	2.247	2.254	2.305	2.416	2.565
5341	53.40	2.700	2.765	2.723	2.572	2.340	2.078	1.827	1.605	1.491	1.180
5351	53.50	0.905	0.559	0.159	-0.245	-0.582	-0.789	-0.824	-0.686	-0.409	-0.051
5361	53.60	0.325	0.671	0.957	1.176	1.327	1.416	1.442	1.402	1.299	1.143
5371	53.70	0.953	0.753	0.560	0.374	0.191	-0.011	-0.239	-0.476	-0.688	-0.823
5381	53.80	-0.839	-0.723	-0.497	-0.221	0.037	0.220	0.309	0.321	0.300	0.288
5391	53.90	0.303	0.329	0.328	0.260	0.109	-0.109	-0.348	-0.558	-0.709	-0.804
5401	54.00	-0.875	-0.959	-1.072	-1.196	-1.277	-1.259	-1.109	-0.842	-0.520	-0.224
5411	54.10	-0.021	0.070	0.082	0.082	0.135	0.267	0.449	0.609	0.667	0.573
5421	54.20	0.330	-0.005	-0.352	-0.641	-0.842	-0.967	-1.055	-1.141	-1.231	-1.302
5431	54.30	-1.309	-1.225	-1.052	-0.834	-0.634	-0.510	-0.480	-0.519	-0.567	-0.561
5441	54.40	-0.464	-0.286	-0.075	0.101	0.187	0.161	0.039	-0.137	-0.321	-0.482
5451	54.50	-0.608	-0.707	-0.786	-0.849	-0.882	-0.871	-0.803	-0.679	-0.513	-0.351
5461	54.60	-0.154	0.003	0.138	0.255	0.360	0.455	0.543	0.624	0.703	0.787
5471	54.70	0.880	0.978	1.063	1.109	1.094	1.011	0.875	0.722	0.591	0.511
5481	54.80	0.484	0.483	0.467	0.399	0.271	0.108	-0.039	-0.110	-0.069	0.086
5491	54.90	0.321	0.574	0.790	0.935	1.011	1.048	1.086	1.156	1.262	1.380

Table 7-9-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1918 306-GR-1-15 HB. (HB.) HYOUKEN BRIDGE MAX. ACC. = -64.840 (GAL) T= 5.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	1.471	1.494	1.429	1.281	1.079	0.865	0.677	0.510	0.458	0.418
5511	55.10	0.398	0.373	0.326	0.249	0.148	0.037	-0.067	-0.142	-0.172	-0.150
5521	55.20	-0.076	0.042	0.187	0.340	0.477	0.580	0.631	0.618	0.538	0.399
5531	55.30	0.219	0.028	-0.143	-0.267	-0.334	-0.356	-0.364	-0.398	-0.491	-0.659
5541	55.40	-0.887	-1.141	-1.377	-1.563	-1.693	-1.787	-1.884	-2.014	-2.186	-2.370
5551	55.50	-2.511	-2.566	-2.432	-2.168	-1.800	-1.407	-1.071	-0.848	-0.750	-0.745
5561	55.60	-0.777	-0.792	-0.764	-0.678	-0.626	-0.583	-0.581	-0.602	-0.600	-0.523
5571	55.70	-0.337	-0.044	0.319	0.695	1.029	1.294	1.497	1.670	1.843	2.027
5581	55.80	2.199	2.307	2.295	2.129	1.820	1.420	1.013	0.674	0.449	0.332
5591	55.90	0.278	0.222	0.115	-0.055	-0.253	-0.418	-0.484	-0.418	-0.232	0.021
5601	56.00	0.268	0.446	0.528	0.534	0.520	0.547	0.651	0.866	1.116	1.348
5611	56.10	1.490	1.494	1.349	1.084	0.754	0.415	0.107	-0.155	-0.379	-0.581
5621	56.20	-0.774	-0.950	-1.085	-1.185	-1.101	-0.942	-0.688	-0.383	-0.086	0.163
5631	56.30	0.266	0.269	0.167	-0.006	-0.208	-0.400	-0.559	-0.677	-0.750	-0.823
5641	56.40	-0.884	-0.959	-1.060	-1.192	-1.351	-1.523	-1.685	-1.808	-1.860	-1.820
5651	56.50	-1.685	-1.473	-1.221	-0.978	-0.786	-0.670	-0.631	-0.646	-0.678	-0.689
5661	56.60	-0.654	-0.565	-0.434	-0.280	-0.128	0.005	0.105	0.162	0.166	0.107
5671	56.70	-0.024	-0.221	-0.464	-0.716	-0.929	-1.056	-1.069	-0.967	-0.775	-0.538
5681	56.80	-0.302	-0.102	0.050	0.160	0.251	0.342	0.442	0.546	0.636	0.690
5691	56.90	0.694	0.645	0.553	0.437	0.318	0.213	0.137	0.098	0.104	0.162
5701	57.00	0.272	0.426	0.606	0.784	0.930	1.021	1.052	1.035	1.004	0.996
5711	57.10	1.044	1.159	1.331	1.527	1.705	1.827	1.870	1.832	1.727	1.581
5721	57.20	1.418	1.254	1.096	0.943	0.791	0.662	0.497	0.365	0.249	0.151
5731	57.30	0.068	-0.007	-0.079	-0.149	-0.212	-0.263	-0.296	-0.313	-0.320	-0.327
5741	57.40	-0.344	-0.376	-0.415	-0.459	-0.496	-0.522	-0.539	-0.553	-0.574	-0.608
5751	57.50	-0.656	-0.711	-0.765	-0.808	-0.837	-0.853	-0.867	-0.890	-0.934	-1.000
5761	57.60	-1.085	-1.173	-1.241	-1.265	-1.225	-1.112	-0.932	-0.710	-0.478	-0.273
5771	57.70	-0.120	-0.027	0.016	0.030	0.036	0.041	0.032	-0.016	-0.122	-0.288
5781	57.80	-0.516	-0.722	-0.869	-0.843	-0.683	-0.395	-0.046	0.256	0.533	0.668
5791	57.90	0.705	0.691	0.680	0.709	0.787	0.896	1.008	1.101	1.176	1.248
5801	58.00	1.332	1.430	1.524	1.575	1.547	1.424	1.221	0.979	0.751	0.575
5811	58.10	0.459	0.385	0.318	0.236	0.166	0.086	0.101	0.236	0.494	0.838
5821	58.20	1.203	1.519	1.742	1.869	1.931	1.978	2.048	2.150	2.264	2.354
5831	58.30	2.396	2.389	2.359	2.345	2.379	2.460	2.561	2.631	2.628	2.534
5841	58.40	2.371	2.186	2.030	1.939	1.912	1.915	1.901	1.828	1.677	1.462
5851	58.50	1.214	0.969	0.749	0.555	0.370	0.176	-0.047	-0.290	-0.539	-0.770
5861	58.60	-0.969	-1.132	-1.268	-1.399	-1.541	-1.709	-1.901	-2.109	-2.317	-2.508
5871	58.70	-2.665	-2.779	-2.848	-2.882	-2.895	-2.909	-2.947	-3.019	-3.124	-3.243
5881	58.80	-3.348	-3.409	-3.404	-3.331	-3.204	-3.050	-2.895	-2.759	-2.646	-2.547
5891	58.90	-2.446	-2.326	-2.179	-2.004	-1.814	-1.625	-1.461	-1.348	-1.302	-1.343
5901	59.00	-1.668	-1.657	-1.876	-2.080	-2.231	-2.313	-2.338	-2.362	-2.367	-2.465
5911	59.10	-2.570	-2.704	-2.784	-2.753	-2.581	-2.286	-1.924	-1.571	-1.286	-1.085
5921	59.20	-0.948	-0.818	-0.637	-0.378	-0.056	0.278	0.563	0.754	0.844	0.868
5931	59.30	0.875	0.912	0.991	1.088	1.150	1.128	0.998	0.776	0.518	0.298
5941	59.40	0.183	0.210	0.373	0.626	0.914	1.166	1.341	1.426	1.432	1.401
5951	59.50	1.375	1.390	1.461	1.574	1.697	1.785	1.804	1.745	1.627	1.495
5961	59.60	1.369	1.333	1.308	1.265	1.140	0.896	0.544	0.156	-0.156	-0.272
5971	59.70	-0.135	0.239	0.748	1.243	1.582					

Table 7-10-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1922 S615-GR-1-11 HA. (HA.) SUGESAWA DAM MAX. ACC. = -58.660 (GAL) T= 2.45 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	6.861	6.333	5.272	4.075	3.075	2.428	2.080	1.835	1.474	0.864
11	0.10	0.019	-0.921	-1.757	-2.318	-2.522	-2.383	-1.989	-1.456	-0.898	-0.416
21	0.20	-0.100	-0.022	-0.220	-0.666	-1.226	-1.696	-1.833	-1.457	-0.540	0.759
31	0.30	2.117	3.154	3.560	3.210	2.204	0.830	-0.543	-1.586	-2.104	-2.077
41	0.40	-1.631	-0.976	-0.333	0.126	0.310	0.216	-0.082	-0.455	-0.763	-0.899
51	0.50	-0.826	-0.598	-0.336	-0.172	-0.182	-0.342	-0.541	-0.648	-0.605	-0.465
61	0.60	-0.477	-0.763	-1.473	-2.383	-3.130	-3.259	-2.671	-0.834	1.168	2.775
71	0.70	3.263	2.282	0.058	-2.645	-4.821	-5.634	-4.778	-2.596	0.079	2.306
81	0.80	3.441	3.386	2.568	1.662	1.230	1.441	2.018	2.435	2.231	1.291
91	0.90	-0.073	-1.275	-1.763	-1.529	-0.248	0.816	1.116	0.176	-1.946	-4.634
101	1.00	-6.926	-7.897	-7.032	-4.451	-0.888	2.574	4.899	5.477	4.339	2.117
111	1.10	-0.233	-1.821	-2.183	-1.441	-0.192	0.810	1.047	0.503	-0.339	-0.273
121	1.20	-0.295	1.047	2.596	3.371	2.594	0.185	-3.051	-5.696	-6.359	-4.404
131	1.30	-0.366	4.188	7.313	7.620	4.976	0.626	-3.372	-5.136	-3.867	-0.364
141	1.40	3.564	5.842	5.293	2.235	-1.680	-4.333	-4.265	-1.467	2.587	5.693
151	1.50	6.077	3.351	-1.245	-5.431	-7.080	-5.000	-0.099	6.007	10.781	12.814
161	1.60	12.003	9.529	7.099	5.988	6.399	7.465	7.844	6.531	3.433	-0.606
171	1.70	-4.314	-6.704	-7.581	-7.549	-7.546	-8.191	-9.344	-10.147	-9.517	-6.813
181	1.80	-2.291	2.927	7.352	9.831	10.072	8.711	6.899	5.656	5.345	5.541
191	1.90	5.358	4.023	1.379	-1.964	-4.805	-6.282	-5.585	-2.997	0.614	4.099
201	2.00	6.460	7.140	6.085	3.628	0.311	-3.237	-6.362	-8.422	-8.894	-7.536
211	2.10	-4.543	-0.564	3.404	6.849	9.201	10.918	12.828	15.719	19.742	24.063
221	2.20	27.000	26.446	21.766	12.519	0.650	-11.007	-19.545	-23.092	-21.507	-16.360
231	2.30	-10.195	-5.427	-3.373	-3.868	-5.612	-7.062	-7.393	-7.059	-7.643	-11.058
241	2.40	-18.480	-29.516	-42.042	-52.821	-58.660	-57.606	-49.627	-36.788	-21.950	-8.097
251	2.50	2.922	10.744	16.158	20.259	23.564	25.571	25.023	20.747	12.624	2.155
261	2.60	-7.769	-13.863	-13.820	-7.408	3.272	14.545	22.651	25.317	22.675	17.099
271	2.70	12.026	10.314	12.915	18.488	24.128	26.837	25.013	19.215	11.849	5.929
281	2.80	3.540	4.776	7.675	9.190	6.722	-0.540	-11.113	-21.798	-29.071	-30.633
291	2.90	-26.403	-18.521	-10.385	-5.174	-4.543	-8.018	-13.336	-17.504	-18.087	-14.167
301	3.00	-6.599	2.470	10.556	15.828	17.715	16.933	14.982	13.373	12.953	13.595
311	3.10	14.365	14.059	11.832	7.652	2.358	-2.680	-6.141	-7.298	-6.283	-3.951
321	3.20	-1.439	0.372	1.204	1.378	1.494	1.966	2.724	3.229	2.845	1.317
331	3.30	-0.907	-2.776	-3.137	-1.419	1.681	5.234	6.686	4.802	-0.528	-7.833
341	3.40	-14.576	-18.251	-17.340	-12.347	-5.263	1.157	4.679	4.556	1.765	-1.581
351	3.50	-3.331	-2.341	1.039	5.241	8.341	9.223	7.162	3.768	0.363	-1.823
361	3.60	-2.412	-1.928	-1.369	-1.593	-2.860	-4.782	-6.644	-7.866	-8.116	-8.288
371	3.70	-8.192	-8.181	-7.970	-6.980	-4.738	-1.281	2.695	6.052	7.719	7.210
381	3.80	4.877	1.756	-0.911	-2.231	-2.006	-0.697	0.925	2.238	3.061	3.642
391	3.90	4.368	5.413	6.534	7.163	6.736	5.060	2.505	-0.094	-1.796	-1.954
401	4.00	-0.470	2.232	5.459	8.572	11.183	13.130	14.345	14.583	13.498	10.773
411	4.10	6.429	1.036	-4.327	-8.397	-10.210	-9.510	-6.848	-3.329	-0.106	2.101
421	4.20	3.242	3.791	4.340	5.158	5.977	6.140	5.011	2.425	-1.095	-4.504
431	4.30	-6.706	-7.097	-5.877	-3.962	-2.514	-2.344	-3.480	-5.140	-6.133	-5.472
441	4.40	-2.910	0.891	4.618	6.877	6.778	4.269	0.079	-4.663	-8.902	-12.006
451	4.50	-13.826	-14.505	-14.196	-12.886	-10.624	-6.732	-2.045	2.998	7.485	10.552
461	4.60	11.715	11.043	9.082	6.554	4.026	1.693	-0.584	-3.047	-5.753	-8.415
471	4.70	-10.479	-11.383	-10.884	-9.116	-6.708	-4.288	-2.254	-0.564	1.184	3.446
481	4.80	6.374	9.613	12.389	13.850	13.490	11.432	8.396	5.380	3.206	2.172
491	4.90	1.994	2.050	1.776	0.989	-0.039	-0.807	-0.941	-0.483	0.088	0.115

Table 7-10-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1922 S615-GR-1-11 HA. (HA.) SUGESAWA DAM MAX. ACC. = -58.660 (GAL) T= 2.45 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.837	-2.666	-4.716	-6.073	-6.030	-4.477	-1.981	0.478	1.990	2.154
511	5.10	1.236	-0.041	-0.936	-1.123	-0.864	-0.821	-1.622	-3.430	-5.771	-7.724
521	5.20	-8.385	-7.347	-4.929	-2.025	0.355	1.601	1.786	1.586	1.859	3.130
531	5.30	5.266	7.506	8.844	8.535	6.471	3.218	-0.281	-3.175	-5.074	-6.143
541	5.40	-6.387	-7.727	-8.914	-9.998	-10.475	-9.899	-8.193	-5.712	-3.055	-0.757
551	5.50	0.913	2.144	3.106	3.980	4.660	4.922	3.866	2.014	-0.428	-2.690
561	5.60	-3.988	-3.933	-2.789	-1.407	-0.840	-1.820	-4.346	-7.608	-10.209	-11.173
571	5.70	-9.588	-5.778	-0.741	4.201	7.949	10.016	10.614	10.411	10.125	10.160
581	5.80	10.463	10.642	10.254	9.105	7.389	5.616	4.367	4.007	4.499	5.413
591	5.90	6.169	6.016	4.879	2.859	0.477	-1.597	-2.801	-2.894	-2.034	-0.703
601	6.00	0.487	1.043	0.782	-0.099	-1.110	-1.684	-1.430	-0.322	1.268	2.713
611	6.10	3.394	2.972	1.534	-0.450	-2.356	-3.704	-4.386	-4.698	-5.157	-6.191
621	6.20	-7.854	-9.725	-11.060	-11.136	-9.617	-6.763	-3.364	-0.414	1.320	1.627
631	6.30	0.916	-0.016	-0.399	0.129	1.361	2.666	3.350	3.055	1.974	0.761
641	6.40	0.193	0.743	2.303	4.200	5.511	5.533	4.149	1.928	-0.128	-1.048
651	6.50	-0.355	1.691	4.206	6.075	6.453	5.123	2.559	-0.319	-2.572	-3.633
661	6.60	-3.489	-2.635	-1.686	-1.142	-1.136	-1.442	-1.667	-1.506	-0.917	-0.151
671	6.70	0.387	0.312	-0.425	-1.781	-3.400	-4.898	-5.974	-6.668	-6.358	-5.704
681	6.80	-4.613	-3.233	-1.771	-0.492	0.331	0.524	0.112	-0.640	-1.300	-1.477
691	6.90	-0.946	0.150	1.374	2.178	2.167	1.313	-0.011	-1.182	-1.621	-1.069
701	7.00	0.293	1.942	3.285	3.964	4.033	3.907	4.110	4.951	6.306	7.636
711	7.10	8.237	7.597	5.691	3.026	0.429	-1.347	-1.982	-1.734	-1.281	-1.346
721	7.20	-2.282	-3.853	-5.320	-5.817	-4.815	-2.453	0.451	2.741	3.444	2.236
731	7.30	-0.386	-3.319	-5.340	-5.866	-4.281	-1.907	0.374	1.652	1.616	0.661
741	7.40	-0.350	-0.757	0.446	2.409	4.553	5.972	6.078	4.874	2.939	1.098
751	7.50	0.011	-0.141	0.301	0.713	0.542	-0.227	-1.439	-2.263	-2.156	-0.932
761	7.60	1.059	3.084	4.371	4.489	3.542	2.097	0.879	0.394	0.617	1.293
771	7.70	1.591	1.058	-0.386	-2.330	-4.064	-4.917	-4.581	-3.253	-1.526	-0.106
781	7.80	0.509	0.227	-0.646	-1.606	-2.218	-2.310	-2.015	-1.666	-1.486	-1.620
791	7.90	-1.891	-1.992	-1.652	-0.796	0.396	1.551	2.276	2.335	1.755	0.825
801	8.00	-0.017	-0.362	0.019	1.082	2.524	3.686	4.700	4.653	3.685	2.022
811	8.10	0.094	-1.404	-2.693	-3.047	-2.836	-2.478	-2.269	-2.574	-3.299	-4.101
821	8.20	-4.495	-4.100	-2.859	-1.007	0.861	2.161	2.585	2.269	1.631	1.216
831	8.30	1.382	2.089	2.907	3.234	2.628	1.075	-0.951	-2.682	-3.409	-2.833
841	8.40	-1.210	0.756	2.258	2.765	2.263	1.235	0.379	0.239	0.906	1.980
851	8.50	2.779	2.699	1.538	-0.394	-2.424	-3.846	-4.252	-3.737	-2.808	-2.126
861	8.60	-2.178	-3.058	-4.451	-5.824	-6.702	-6.875	-6.457	-5.755	-5.063	-4.485
871	8.70	-3.907	-3.287	-1.894	-0.396	1.090	2.153	2.495	2.118	1.353	0.719
881	8.80	0.480	1.405	2.270	2.949	3.449	3.383	3.149	1.323	-0.520	-1.861
891	8.90	-2.449	-2.363	-1.900	-1.375	-0.923	-0.438	0.330	1.573	3.228	4.914
901	9.00	6.048	6.109	4.913	2.769	0.399	-1.562	-1.837	-0.999	0.678	2.330
911	9.10	3.117	2.616	1.022	-0.966	-2.382	-2.631	-1.603	0.195	1.906	2.761
921	9.20	2.455	1.301	0.081	-0.389	0.463	2.412	4.773	6.584	7.073	6.009
931	9.30	3.790	1.237	-0.750	-1.762	-1.676	-0.945	-0.187	0.154	-0.023	-0.484
941	9.40	-0.836	-0.780	-0.273	0.468	1.102	1.363	1.185	0.715	0.196	-0.186
951	9.50	-0.397	-0.550	-0.805	-1.249	-1.834	-2.412	-2.826	-3.018	-3.034	-2.983
961	9.60	-2.921	-2.790	-2.439	-1.741	-0.734	0.315	0.983	0.885	-0.098	-1.096
971	9.70	-3.320	-4.307	-4.238	-3.161	-1.593	-0.283	0.156	-0.443	-1.701	-2.879
981	9.80	-3.242	-2.633	-0.661	1.394	2.907	3.305	2.526	1.021	-0.486	-1.367
991	9.90	-1.373	-0.717	0.091	0.534	0.365	-0.289	-1.022	-1.387	-1.136	-0.333

Table 7－10－3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1922 S615-GR-1-11 HA. (HA.) SUGESAWA DAM MAX. ACC. = -58.660 (GAL) T= 2.45 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.701	1.571	2.014	2.011	1.762	1.551	1.589	1.919	2.425	2.924
1011	10.10	3.282	3.472	3.554	3.605	3.643	3.596	3.348	2.813	2.014	1.091
1021	10.20	0.254	-0.299	-0.463	-0.251	0.225	0.820	1.401	1.675	2.182	2.278
1031	10.30	2.125	1.719	1.112	0.422	-0.190	-0.589	-0.736	-0.719	-0.726	-0.962
1041	10.40	-1.536	-2.397	-3.330	-4.035	-4.250	-3.861	-2.944	-1.744	-0.579	0.258
1051	10.50	0.569	0.383	-0.255	-1.115	-1.947	-2.503	-2.599	-2.170	-1.303	-0.230
1061	10.60	0.732	1.295	1.320	0.883	0.261	-0.198	-0.240	0.148	0.709	1.028
1071	10.70	0.740	-0.267	-1.747	-3.174	-3.968	-3.764	-2.603	-0.933	0.576	1.326
1081	10.80	1.057	-0.057	-1.500	-2.671	-3.157	-2.901	-2.187	-1.461	-1.092	-1.186
1091	10.90	-1.563	-1.863	-1.760	-1.127	-0.107	0.963	1.717	1.925	1.595	0.951
1101	11.00	0.324	0.005	0.136	0.663	1.382	2.027	2.371	2.301	1.850	1.174
1111	11.10	0.505	0.070	0.020	0.374	1.013	1.718	2.258	2.489	2.414	2.189
1121	11.20	2.042	2.158	2.576	3.151	3.619	3.726	3.365	2.642	1.831	1.234
1131	11.30	1.014	1.100	1.230	0.972	0.171	-1.164	-2.122	-4.044	-4.740	-4.678
1141	11.40	-4.041	-3.233	-2.680	-2.612	-2.960	-3.406	-3.557	-3.159	-2.230	-1.057
1151	11.50	-0.050	0.449	0.324	-0.293	-1.110	-1.841	-2.334	-2.616	-2.811	-3.016
1161	11.60	-3.192	-3.152	-2.651	-1.540	0.108	1.967	3.555	4.414	4.293	3.256
1171	11.70	1.657	0.010	-1.206	-1.701	-1.449	-0.643	0.403	1.390	2.120	2.520
1181	11.80	2.613	2.467	2.153	1.738	1.298	0.947	0.820	1.044	1.668	2.614
1191	11.90	3.657	4.476	4.759	4.518	3.185	1.619	0.037	-1.135	-1.616	-1.381
1201	12.00	-0.661	0.148	0.656	0.633	0.104	-0.690	-1.407	-1.775	-1.711	-1.341
1211	12.10	-0.919	-0.676	-0.689	-0.861	-0.892	-0.621	0.027	0.890	1.646	1.978
1221	12.20	1.736	1.038	0.216	-0.334	-0.361	0.109	0.777	1.214	1.075	0.279
1231	12.30	-0.946	-2.169	-2.957	-3.075	-2.582	-1.771	-1.012	-0.557	-0.442	-0.510
1241	12.40	-0.536	-0.386	-0.103	0.129	0.108	-0.235	-0.762	-1.184	-1.207	-0.709
1251	12.50	0.164	1.047	1.522	1.333	0.521	-0.578	-1.482	-1.797	-1.391	-0.453
1261	12.60	0.614	1.387	1.623	1.140	0.771	0.210	-0.151	-0.311	-0.425	-0.681
1271	12.70	-1.162	-1.774	-2.283	-2.440	-2.121	-1.397	-0.509	0.253	0.692	0.785
1281	12.80	0.680	0.594	0.692	1.006	1.438	1.836	2.089	2.189	2.211	2.240
1291	12.90	2.282	2.240	1.961	1.343	0.435	-0.538	-1.269	-1.418	-0.965	-0.075
1301	13.00	0.863	1.425	1.340	0.612	-0.485	-1.562	-2.209	-2.340	-2.024	-1.505
1311	13.10	-1.019	-0.672	-0.409	-0.092	0.357	0.855	1.158	0.976	0.150	-1.215
1321	13.20	-2.743	-3.928	-4.350	-3.884	-2.760	-1.464	-0.513	-0.210	-0.519	-1.105
1331	13.30	-1.523	-1.450	-0.845	0.050	0.865	1.310	1.328	1.514	0.974	1.127
1341	13.40	1.554	1.989	2.057	1.499	0.341	-1.079	-2.250	-2.735	-2.384	-1.404
1351	13.50	-0.250	0.614	0.951	0.858	0.689	0.837	1.488	2.491	3.417	3.775
1361	13.60	3.279	2.005	0.378	-1.038	-1.813	-1.856	-1.434	-1.009	-0.967	-1.392
1371	13.70	-2.020	-2.376	-2.044	-0.913	0.735	2.344	3.345	3.836	2.719	1.643
1381	13.80	0.762	0.552	0.732	1.276	1.607	1.369	0.528	-0.601	-1.519	-1.798
1391	13.90	-1.308	-0.277	0.825	1.532	1.612	1.175	0.592	0.291	0.520	1.218
1401	14.00	2.045	2.563	2.463	1.718	0.602	-0.450	-1.046	-1.017	-0.471	0.274
1411	14.10	0.860	1.047	0.806	0.293	-0.256	-0.646	-0.803	-0.777	-0.676	-0.592
1421	14.20	-0.549	-0.513	-0.435	-0.310	-0.193	-0.177	-0.330	-0.865	-1.019	-1.290
1431	14.30	-1.312	-1.027	-0.500	0.102	0.571	0.745	0.563	0.080	-0.563	-1.199
1441	14.40	-1.692	-1.975	-2.044	-1.955	-1.773	-1.563	-1.369	-1.214	-1.098	-1.006
1451	14.50	-0.913	-0.790	-0.620	-0.401	-0.149	0.101	0.314	0.465	0.546	0.559
1461	14.60	0.508	0.384	0.166	-0.172	-0.635	-1.190	-1.752	-2.201	-2.413	-2.295
1471	14.70	-1.818	-1.028	-0.038	0.998	1.919	2.586	2.906	2.851	2.460	1.843
1481	14.80	1.155	0.567	0.218	0.171	0.386	0.732	1.033	1.127	0.938	0.500
1491	14.90	-0.058	-0.563	-0.875	-0.938	-0.797	-0.564	-0.360	-0.257	-0.253	-0.282

Table 7－10－4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1922 S615-GR-1-11 HA. (HA.) SUGESAWA DAM MAX. ACC. = -58.660 (GAL) T= 2.45 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.244	-0.153	0.034	0.221	0.319	0.269	0.080	-0.180	-0.407	-0.516
1511	15.10	-0.476	-0.316	-0.109	0.071	0.187	0.250	0.313	0.433	0.638	0.907
1521	15.20	1.170	1.339	1.348	1.148	0.796	0.363	-0.055	-0.379	-0.576	-0.670
1531	15.30	-0.726	-0.806	-0.953	-1.144	-1.293	-1.283	-1.011	-0.469	0.327	1.138
1541	15.40	1.755	1.978	1.719	1.043	0.162	-0.642	-1.113	-1.116	-0.684	0.003
1551	15.50	0.695	1.176	1.339	1.212	0.928	0.664	0.465	0.404	0.390	0.323
1561	15.60	0.139	-0.149	-0.449	-0.638	-0.629	-0.422	-0.112	0.143	0.201	0.000
1571	15.70	-0.603	-0.850	-1.148	-1.167	-0.817	-0.257	0.331	0.730	0.703	0.506
1581	15.80	-0.001	-0.512	-0.810	-0.771	-0.414	0.107	0.571	0.789	0.685	0.336
1591	15.90	-0.069	-0.312	-0.248	0.123	0.057	1.128	1.335	1.192	0.773	0.271
1601	16.00	-0.089	-0.159	0.062	0.433	0.741	0.811	0.587	0.163	-0.265	-0.496
1611	16.10	-0.419	-0.062	0.424	0.846	1.057	1.020	0.805	0.562	0.345	0.253
1621	16.20	0.223	0.169	0.024	-0.213	-0.475	-0.670	-0.737	-0.687	-0.605	-0.602
1631	16.30	-0.744	-1.012	-1.286	-1.413	-1.273	-0.868	-0.300	0.256	0.537	0.495
1641	16.40	0.118	-0.475	-1.109	-1.629	-1.948	-2.058	-1.996	-1.813	-1.541	-1.199
1651	16.50	-0.821	-0.471	-0.247	-0.236	-0.460	-0.852	-1.244	-1.433	-1.266	-0.717
1661	16.60	0.086	0.906	1.492	1.682	1.466	0.982	0.438	0.015	-0.211	-0.286
1671	16.70	-0.328	-0.444	-0.658	-0.892	-1.012	-0.910	-0.575	-0.114	0.293	0.487
1681	16.80	0.416	0.175	-0.034	0.005	0.411	1.136	1.973	2.635	2.874	2.579
1691	16.90	1.821	0.818	-0.158	-0.874	-1.213	-1.186	-0.898	-0.489	-0.078	0.265
1701	17.00	0.519	0.691	0.800	0.862	0.894	0.912	0.930	0.954	0.967	0.933
1711	17.10	0.806	0.557	0.189	-0.252	-0.692	-1.052	-1.276	-1.345	-1.272	-1.085
1721	17.20	-0.811	-0.472	-0.095	0.277	0.578	0.735	0.699	0.475	0.134	-0.204
1731	17.30	-0.419	-0.445	-0.298	-0.068	0.125	0.200	0.147	0.033	-0.044	-0.017
1741	17.40	0.103	0.229	0.251	0.106	-0.167	-0.423	-0.484	-0.228	0.323	0.984
1751	17.50	1.469	1.510	0.985	-0.016	-1.207	-2.218	-2.735	-2.616	-1.936	-0.934
1761	17.60	0.097	0.928	1.681	1.730	1.443	1.096	1.022	1.082	1.109	1.386
1771	17.70	0.884	0.365	-0.041	-0.297	-0.319	-0.238	0.000	0.131	0.155	0.089
1781	17.80	0.004	-0.014	0.091	0.323	0.526	0.908	1.073	1.046	0.804	0.375
1791	17.90	-0.157	-0.669	-1.029	-1.130	-0.924	-0.447	0.181	0.784	1.189	1.284
1801	18.00	1.059	0.611	0.103	-0.301	-0.504	-0.510	-0.412	-0.360	-0.398	-0.609
1811	18.10	-0.916	-1.203	-1.375	-1.389	-1.281	-1.138	-1.067	-1.044	-1.089	-1.095
1821	18.20	-0.970	-0.679	-0.266	0.157	0.465	0.579	0.504	0.324	0.152	0.065
1831	18.30	0.040	0.052	-0.023	-0.051	-0.052	-0.129	-0.699	-1.652	-1.972	-0.357
1841	18.40	0.557	1.284	1.601	1.438	0.906	0.267	-0.275	-0.475	-0.318	0.084
1851	18.50	0.531	0.836	0.888	0.692	0.337	-0.059	-0.405	-0.662	-0.837	-0.946
1861	18.60	-0.984	-0.921	-0.721	-0.380	0.046	0.451	0.711	0.744	0.546	0.205
1871	18.70	-0.139	-0.347	-0.344	-0.141	0.178	0.496	0.717	0.798	0.747	0.603
1881	18.80	0.399	0.148	-0.153	-0.509	-0.896	-1.259	-1.519	-1.606	-1.480	-1.150
1891	18.90	-0.664	-0.094	0.680	0.981	1.330	1.481	1.361	0.968	0.353	-0.381
1901	19.00	-1.093	-1.404	-1.461	-1.177	-0.667	-0.110	0.327	0.554	0.586	0.520
1911	19.10	0.469	0.494	0.576	0.623	0.547	0.314	-0.014	-0.309	-0.435	-0.329
1921	19.20	-0.035	0.306	0.532	0.533	0.310	-0.035	-0.358	-0.546	-0.573	-0.501
1931	19.30	-0.429	-0.626	-0.689	-0.545	-0.505	-0.329	-0.060	0.190	0.305	0.235
1941	19.40	0.039	-0.146	-0.173	0.021	0.277	0.734	0.912	0.814	0.483	0.090
1951	19.50	-0.161	-0.135	0.154	0.552	0.849	0.889	0.643	0.308	0.033	0.001
1961	19.60	0.231	0.585	0.838	0.802	0.433	-0.144	-0.691	-0.981	-0.910	-0.549
1971	19.70	-0.095	0.237	0.334	0.257	0.114	0.158	0.476	1.025	1.626	2.056
1981	19.80	2.156	1.904	1.415	0.867	0.414	0.114	-0.070	-0.223	-0.398	-0.573
1991	19.90	-0.657	-0.551	-0.221	0.257	0.720	0.989	0.953	0.651	0.160	-0.273

Table 7-10-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1922 S615-GR-1-11 HA. (HA.) SUGESAWA DAM MAX. ACC. = -58.660 (GAL) T= 2.45 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.518	-0.535	-0.399	-0.249	-0.208	-0.316	-0.520	-0.711	-0.798	-0.759
2011	20.10	-0.656	-0.592	-0.647	-0.819	-1.027	-1.163	-1.074	-0.817	-0.471	-0.196
2021	20.20	-0.132	-0.326	-0.704	-1.094	-1.302	-1.201	-0.783	-0.163	0.463	0.898
2031	20.30	1.012	0.781	0.285	-0.326	-0.882	-1.236	-1.294	-1.031	-0.492	0.215
2041	20.40	0.941	1.525	1.833	1.797	1.437	0.859	0.217	-0.331	-0.680	-0.800
2051	20.50	-0.719	-0.583	-0.421	-0.300	-0.221	-0.150	-0.045	0.117	0.327	0.553
2061	20.60	0.737	0.912	1.004	1.036	1.011	0.932	0.805	0.645	0.480	0.348
2071	20.70	0.215	0.266	0.290	0.294	0.230	0.079	-0.133	-0.352	-0.525	-0.634
2081	20.80	-0.708	-0.809	-0.981	-1.213	-1.417	-1.463	-1.242	-0.738	-0.071	0.535
2091	20.90	0.838	0.679	0.089	-0.729	-1.466	-1.837	-1.707	-1.145	-0.388	0.282
2101	21.00	0.667	0.738	0.629	0.560	0.608	0.820	1.008	0.946	0.485	-0.337
2111	21.10	-1.282	-2.003	-2.205	-1.792	-0.918	0.071	0.801	1.037	0.788	0.285
2121	21.20	-0.140	-0.233	0.065	0.592	1.058	1.201	0.920	0.320	-0.346	-0.805
2131	21.30	-0.818	-0.642	-0.194	0.242	0.529	0.654	0.708	0.809	1.009	1.255
2141	21.40	1.421	1.386	1.118	0.712	0.339	0.157	0.215	0.414	0.553	0.439
2151	21.50	-0.001	-0.664	-1.300	-1.633	-1.493	-0.903	-0.073	0.697	1.158	1.223
2161	21.60	0.992	0.685	0.520	0.599	0.859	1.118	1.178	0.932	0.424	-0.178
2171	21.70	-0.668	-0.901	-0.859	-0.646	-0.419	-0.303	-0.326	-0.413	-0.453	-0.357
2181	21.80	-0.124	0.157	0.351	0.350	0.130	-0.237	-0.621	-0.898	-1.015	-1.003
2191	21.90	-0.957	-0.976	-1.104	-1.310	-1.497	-1.556	-1.421	-1.098	-0.664	-0.226
2201	22.00	0.125	0.356	0.494	0.604	0.746	0.940	1.155	1.323	1.374	1.269
2211	22.10	1.016	0.668	0.290	-0.065	-0.373	-0.645	-0.898	-1.138	-1.343	-1.466
2221	22.20	-1.461	-1.309	-1.043	-0.742	-0.505	-0.413	-0.486	-0.671	-0.857	-0.919
2231	22.30	-0.773	-0.612	0.085	0.577	0.917	1.001	0.894	0.386	-0.146	-0.653
2241	22.40	-1.024	-1.183	-1.103	-0.791	-0.291	0.327	0.970	1.531	1.910	2.069
2251	22.50	1.952	1.694	1.393	1.163	1.064	1.072	1.095	1.016	0.767	0.372
2261	22.60	-0.051	-0.342	-0.375	-0.127	0.297	0.710	0.927	0.852	0.526	0.104
2271	22.70	-0.224	-0.329	-0.211	0.007	0.144	0.060	-0.268	-0.727	-1.128	-1.295
2281	22.80	-1.156	-0.779	-0.331	0.007	0.126	0.043	-0.120	-0.203	-0.093	0.222
2291	22.90	0.654	1.062	1.329	1.409	1.339	1.198	1.060	0.945	0.821	0.628
2301	23.00	0.324	-0.079	-0.521	-0.917	-1.202	-1.356	-1.405	-1.407	-1.405	-1.411
2311	23.10	-1.401	-1.338	-1.196	-0.977	-0.707	-0.426	-0.163	0.063	0.243	0.360
2321	23.20	0.391	0.313	0.129	-0.115	-0.327	-0.399	-0.252	0.118	0.630	1.139
2331	23.30	1.494	1.596	1.461	1.110	0.728	0.403	0.182	0.042	-0.078	-0.230
2341	23.40	-0.423	-0.616	-0.742	-0.753	-0.648	-0.473	-0.290	-0.146	-0.042	0.059
2351	23.50	0.201	0.400	0.627	0.819	0.923	0.929	0.885	0.878	0.929	1.200
2361	23.60	1.478	1.701	1.765	1.636	1.353	1.026	0.746	0.536	0.323	-0.017
2371	23.70	-0.583	-1.367	-2.213	-2.865	-3.066	-2.681	-1.773	-0.594	0.505	1.217
2381	23.80	1.397	1.108	0.575	0.069	-0.214	-0.235	-0.103	0.002	-0.072	-0.367
2391	23.90	-0.802	-1.225	-1.493	-1.545	-1.419	-1.226	-1.074	-1.009	-0.993	-0.928
2401	24.00	-0.717	-0.323	0.203	0.736	1.134	1.296	1.205	0.931	0.591	0.296
2411	24.10	0.109	0.024	-0.017	-0.092	-0.251	-0.499	-0.792	-1.056	-1.217	-1.229
2421	24.20	-1.088	-0.833	-0.528	-0.245	-0.040	0.058	0.054	-0.022	-0.120	-0.198
2431	24.30	-0.224	-0.192	-0.116	-0.017	0.089	0.202	0.342	0.533	0.769	1.095
2441	24.40	1.399	1.622	1.679	1.513	1.121	0.561	-0.057	-0.599	-0.955	-1.066
2451	24.50	-0.945	-0.666	-0.343	-0.082	0.048	0.041	-0.058	-0.172	-0.231	-0.109
2461	24.60	-0.096	0.018	0.065	-0.016	-0.238	-0.563	-0.909	-1.185	-1.319	-1.284
2471	24.70	-1.097	-0.807	-0.470	-0.127	0.204	0.524	0.836	1.118	1.342	1.459
2481	24.80	1.430	1.244	0.931	0.551	0.183	-0.105	-0.273	-0.322	-0.260	-0.187
2491	24.90	-0.078	0.037	0.156	0.295	0.460	0.636	0.787	0.858	0.794	0.558

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

INDEX NO. 1922 S615-GR-1-11 HA. (HA.) SUGESAWA DAM MAX. ACC. = -58.660 (GAL) T= 2.45 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.149	-0.393	-0.568	-1.536	-1.933	-2.103	-2.015	-1.668	-1.188	-0.607
2511	25.10	-0.035	0.458	0.839	1.113	1.306	1.446	1.547	1.602	1.587	1.474
2521	25.20	1.248	0.915	0.523	0.116	-0.250	-0.534	-0.718	-0.808	-0.810	-0.765
2531	25.30	-0.658	-0.492	-0.264	0.022	0.337	0.633	0.851	0.937	0.871	0.679
2541	25.40	0.425	0.198	0.072	0.078	0.190	0.330	0.408	0.359	0.182	-0.058
2551	25.50	-0.253	-0.298	-0.142	0.187	0.591	0.943	1.141	1.145	0.991	0.757
2561	25.60	0.519	0.312	0.115	-0.123	-0.434	-0.796	-1.120	-1.287	-1.207	-0.871
2571	25.70	-0.376	0.108	0.413	0.448	0.244	-0.060	-0.285	-0.299	-0.082	0.260
2581	25.80	0.553	0.639	0.460	0.083	-0.332	-0.612	-0.659	-0.492	-0.237	-0.059
2591	25.90	-0.076	-0.310	-0.279	-1.048	-1.300	-1.384	-1.331	-1.212	-1.088	-0.960
2601	26.00	-0.776	-0.461	0.021	0.823	1.221	1.660	1.821	1.684	1.332	0.919
2611	26.10	0.594	0.451	0.401	0.392	0.273	-0.034	-0.514	-1.062	-1.534	-1.816
2621	26.20	-1.871	-1.754	-1.515	-1.433	-1.382	-1.385	-1.350	-1.176	-0.806	-0.265
2631	26.30	0.346	0.879	1.211	1.274	1.086	0.739	0.357	0.050	-0.127	-0.188
2641	26.40	-0.202	-0.252	-0.396	-0.655	-0.905	-1.101	-1.118	-0.896	-0.452	0.128
2651	26.50	0.715	1.190	1.490	1.626	1.667	1.697	1.765	1.848	1.859	1.689
2661	26.60	1.266	0.608	-0.172	-0.892	-1.377	-1.529	-1.362	-0.999	-0.609	-0.133
2671	26.70	-0.240	-0.281	-0.354	-0.357	-0.244	-0.056	0.109	0.142	-0.003	-0.128
2681	26.80	-0.599	-0.798	-0.795	-0.587	-0.264	0.037	0.195	0.160	-0.019	-0.225
2691	26.90	-0.327	-0.241	0.034	0.417	0.782	1.011	1.042	0.880	0.595	0.282
2701	27.00	0.027	-0.113	-0.130	-0.034	0.133	0.325	0.495	0.599	0.605	0.500
2711	27.10	0.302	0.060	-0.161	-0.294	-0.302	-0.190	-0.005	0.187	0.325	0.384
2721	27.20	0.378	0.350	0.341	0.388	0.413	0.432	0.389	0.277	0.137	0.036
2731	27.30	0.042	0.180	0.418	0.672	0.846	0.873	0.753	0.547	0.353	0.253
2741	27.40	0.275	0.379	0.480	0.492	0.378	0.185	0.043	-0.212	-0.224	-0.104
2751	27.50	0.080	0.239	0.306	0.266	0.163	0.065	0.022	0.038	0.070	0.050
2761	27.60	-0.069	-0.283	-0.540	-0.764	-0.901	-0.947	-0.951	-0.978	-1.063	-1.180
2771	27.70	-1.252	-1.144	-0.822	-0.303	0.295	0.803	1.074	1.050	0.790	0.435
2781	27.80	0.137	-0.016	-0.047	-0.071	-0.228	-0.599	-1.155	-1.752	-2.197	-2.328
2791	27.90	-2.095	-1.578	-0.947	-0.386	-0.013	0.161	0.216	0.283	0.375	0.551
2801	28.00	0.714	0.783	0.831	0.328	-0.062	-0.423	-0.855	-0.725	-0.672	-0.575
2811	28.10	-0.514	-0.520	-0.369	-0.593	-0.523	-0.319	0.012	0.425	0.857	1.252
2821	28.20	1.568	1.774	1.854	1.778	1.529	1.122	0.606	0.066	-0.402	-0.710
2831	28.30	-0.826	-0.774	-0.623	-0.456	-0.333	-0.272	-0.252	-0.234	-0.187	-0.107
2841	28.40	-0.012	0.072	0.130	0.170	0.212	0.271	0.340	0.388	0.365	0.248
2851	28.50	0.044	-0.200	-0.412	-0.532	-0.535	-0.447	-0.331	-0.253	-0.256	-0.335
2861	28.60	-0.448	-0.535	-0.546	-0.480	-0.284	-0.065	0.228	0.500	0.748	0.928
2871	28.70	1.000	0.920	0.672	0.287	0.149	-0.520	-0.742	-0.678	-0.580	-0.460
2881	28.80	0.294	0.512	0.551	0.412	0.170	0.082	-0.274	-0.376	-0.393	-0.345
2891	28.90	-0.244	-0.089	0.126	0.387	0.653	0.859	0.944	0.881	0.694	0.448
2901	29.00	0.217	0.044	-0.078	-0.196	-0.361	-0.581	-0.800	-0.910	-0.808	-0.451
2911	29.10	0.102	0.699	1.149	1.306	1.128	0.697	0.383	-0.242	-0.462	-0.466
2921	29.20	-0.335	-0.179	-0.080	-0.053	-0.051	-0.007	0.114	0.294	0.467	0.565
2931	29.30	0.556	0.471	0.381	0.356	0.416	0.537	0.567	0.480	0.224	-0.153
2941	29.40	-0.550	-0.858	-1.012	-1.017	-0.930	-0.802	-0.663	-0.453	-0.108	0.412
2951	29.50	1.059	1.695	2.128	2.200	1.865	1.218	0.464	-0.174	-0.549	-0.651
2961	29.60	-0.592	-0.537	-0.607	-0.815	-1.065	-1.214	-1.162	-0.913	-0.578	-0.319
2971	29.70	-0.252	-0.381	-0.590	-0.707	-0.598	-0.247	0.229	0.634	0.797	0.662
2981	29.80	0.518	-0.051	-0.261	-0.236	-0.063	0.140	0.125	-0.176	-0.692	-1.218
2991	29.90	-1.506	-1.388	-0.856	-0.075	0.699	1.224	1.378	1.191	0.807	0.404

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

INDEX NO. 1922 S615-GR-1-11 HA. (HA.) SUGESAWA DAM MAX. ACC. = -58.660 (GAL) T= 2.45 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	0.109	-0.048	-0.111	-0.150	-0.201	-0.241	-0.213	-0.075	0.155	0.395
3011	30.10	0.528	0.488	0.210	-0.162	-0.511	-0.717	-0.735	-0.618	-0.479	-0.427
3021	30.20	-0.508	-0.677	-0.825	-0.845	-0.691	-0.409	-0.108	0.091	0.122	0.007
3031	30.30	-0.167	-0.298	-0.329	-0.271	-0.196	-0.166	-0.199	-0.237	-0.173	0.080
3041	30.40	0.535	1.097	1.597	1.865	1.809	1.460	0.958	0.476	0.144	-0.017
3051	30.50	-0.090	-0.203	-0.450	-0.826	-1.225	-1.495	-1.518	-1.283	-0.891	-0.511
3061	30.60	-0.291	-0.281	-0.411	-0.527	-0.477	-0.197	0.257	0.733	1.058	1.134
3071	30.70	0.979	0.719	0.514	0.477	0.606	0.788	0.859	0.689	0.255	-0.339
3081	30.80	-0.910	-1.272	-1.519	-1.067	-0.639	-0.200	0.109	0.234	0.210	0.135
3091	30.90	0.114	0.214	0.440	0.742	1.047	1.285	1.413	1.412	1.286	1.050
3101	31.00	0.729	0.357	-0.020	-0.347	-0.573	-0.667	-0.629	-0.492	-0.310	-0.142
3111	31.10	-0.033	-0.007	-0.062	-0.180	-0.330	-0.476	-0.579	-0.597	-0.501	-0.277
3121	31.20	0.056	0.444	0.811	1.074	1.173	1.089	0.851	0.526	0.192	-0.086
3131	31.30	-0.268	-0.359	-0.382	-0.370	-0.348	-0.326	-0.293	-0.231	-0.113	0.078
3141	31.40	0.347	0.678	1.027	1.330	1.508	1.490	1.236	0.755	0.111	-0.588
3151	31.50	-1.220	-1.681	-1.911	-1.905	-1.705	-1.374	-0.975	-0.556	-0.144	0.235
3161	31.60	0.558	0.800	0.937	0.961	0.885	0.743	0.576	0.411	0.253	0.082
3171	31.70	-0.128	-0.389	-0.686	-0.973	-1.191	-1.290	-1.253	-1.100	-0.879	-0.645
3181	31.80	-0.439	-0.274	-0.143	-0.031	0.067	0.143	0.179	0.159	0.086	-0.016
3191	31.90	-0.113	-0.170	-0.174	-0.133	-0.079	-0.047	-0.059	-0.113	-0.187	-0.243
3201	32.00	-0.248	-0.186	-0.068	0.072	0.182	0.210	0.119	-0.007	-0.402	-0.726
3211	32.10	-0.981	-1.085	-0.995	-0.728	-0.360	-0.002	0.243	0.321	0.252	0.120
3221	32.20	0.037	0.087	0.283	0.556	0.783	0.840	0.664	0.287	-0.173	-0.554
3231	32.30	-0.718	-0.601	-0.231	0.287	0.819	1.255	1.532	1.639	1.600	1.443
3241	32.40	1.190	0.854	0.459	0.045	-0.329	-0.607	-0.758	-0.796	-0.771	-0.748
3251	32.50	-0.769	-0.825	-0.861	-0.795	-0.564	-0.160	0.359	0.883	1.291	1.495
3261	32.60	1.469	1.266	0.896	0.497	0.107	-0.245	-0.542	-0.772	-0.912	-0.936
3271	32.70	-0.876	-0.596	-0.289	0.024	0.273	0.416	0.443	0.397	0.333	0.302
3281	32.80	0.328	0.402	0.485	0.528	0.490	0.354	0.126	-0.163	-0.475	-0.766
3291	32.90	-0.999	-1.146	-1.194	-1.140	-0.994	-0.778	-0.516	-0.232	0.045	0.292
3301	33.00	0.480	0.584	0.589	0.495	0.329	0.142	-0.003	-0.058	-0.003	0.134
3311	33.10	0.291	0.397	0.402	0.305	0.160	0.048	0.046	0.190	0.454	0.767
3321	33.20	1.035	1.190	1.202	1.092	0.905	0.689	0.467	0.248	0.033	-0.159
3331	33.30	-0.297	-0.300	-0.171	0.077	0.363	0.571	0.595	0.392	0.094	-0.449
3341	33.40	-0.821	-1.001	-0.962	-0.768	-0.536	-0.379	-0.349	-0.412	-0.473	-0.432
3351	33.50	-0.238	0.077	0.415	0.650	0.696	0.544	0.264	-0.033	-0.244	-0.320
3361	33.60	-0.281	-0.192	-0.127	-0.129	-0.193	-0.280	-0.347	-0.369	-0.353	-0.327
3371	33.70	-0.317	-0.330	-0.350	-0.354	-0.335	-0.318	-0.349	-0.476	-0.709	-1.005
3381	33.80	-1.273	-1.402	-1.308	-0.973	-0.457	0.126	0.642	0.988	1.121	1.062
3391	33.90	0.879	0.655	0.464	0.351	0.328	0.381	0.477	0.564	0.585	0.490
3401	34.00	0.254	-0.105	-0.517	-0.875	-1.069	-1.027	-0.753	-0.334	0.091	0.380
3411	34.10	0.444	0.281	-0.026	-0.350	-0.578	-0.655	-0.597	-0.474	-0.361	-0.296
3421	34.20	-0.267	-0.219	-0.104	0.089	0.316	0.492	0.540	0.433	0.217	-0.001
3431	34.30	-0.102	-0.011	0.263	0.624	0.921	1.015	0.832	0.391	-0.202	-0.796
3441	34.40	-1.250	-1.475	-1.452	-1.223	-0.862	-0.442	-0.022	0.365	0.697	0.958
3451	34.50	1.128	1.185	1.117	0.925	0.634	0.286	-0.069	-0.384	-0.627	-0.790
3461	34.60	-0.883	-0.929	-0.949	-0.954	-0.931	-0.851	-0.680	-0.398	-0.014	0.419
3471	34.70	0.814	1.072	1.116	0.917	0.509	-0.018	-0.547	-0.969	-1.214	-1.259
3481	34.80	-1.125	-0.852	-0.484	-0.060	0.386	0.814	1.171	1.402	1.470	1.376
3491	34.90	1.168	0.930	0.752	0.683	0.715	0.779	0.779	0.641	0.355	-0.018

Table 7-10-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1922 S615-GR-1-11 HA. (HA.) SUGESAWA DAM MAX. ACC. = -58.660 (GAL) T= 2.45 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.364	-0.568	-0.565	-0.365	-0.048	0.280	0.532	0.674	0.729	0.745
3511	35.10	0.762	0.776	0.749	0.631	0.403	0.101	-0.187	-0.361	-0.354	-0.174
3521	35.20	0.092	0.318	0.388	0.257	-0.030	-0.359	-0.593	-0.638	-0.476	-0.171
3531	35.30	0.167	0.430	0.559	0.583	0.500	0.445	0.455	0.543	0.679	0.809
3541	35.40	0.878	0.850	0.716	0.488	0.193	-0.143	-0.488	-0.815	-1.100	-1.323
3551	35.50	-1.475	-1.563	-1.598	-1.592	-1.546	-1.443	-1.259	-0.975	-0.597	-0.162
3561	35.60	0.261	0.593	0.771	0.772	0.614	0.354	0.058	-0.222	-0.458	-0.647
3571	35.70	-0.798	-0.913	-0.976	-0.952	-0.816	-0.555	-0.190	0.229	0.631	0.950
3581	35.80	1.140	1.187	1.103	0.916	0.662	0.372	0.072	-0.218	-0.476	-0.679
3591	35.90	-0.809	-0.854	-0.816	-0.706	-0.545	-0.355	-0.156	0.037	0.215	0.367
3601	36.00	0.482	0.545	0.546	0.477	0.339	0.145	-0.081	-0.305	-0.488	-0.591
3611	36.10	-0.580	-0.439	-0.174	0.182	0.570	0.920	1.162	1.248	1.164	0.934
3621	36.20	0.613	0.271	-0.026	-0.233	-0.334	-0.342	-0.287	-0.205	-0.127	-0.073
3631	36.30	-0.045	-0.039	-0.042	-0.045	-0.047	-0.054	-0.079	-0.138	-0.237	-0.370
3641	36.40	-0.511	-0.625	-0.671	-0.625	-0.491	-0.306	-0.131	-0.035	-0.066	-0.236
3651	36.50	-0.507	-0.809	-1.054	-1.125	-1.138	-0.957	-0.678	-0.359	-0.048	0.226
3661	36.60	0.459	0.652	0.800	0.883	0.871	0.744	0.503	0.188	-0.132	-0.380
3671	36.70	-0.500	-0.478	-0.348	-0.176	-0.028	0.054	0.075	0.080	0.129	0.265
3681	36.80	0.490	0.758	0.993	1.121	1.098	0.930	0.668	0.386	0.150	-0.002
3691	36.90	-0.071	-0.082	-0.066	-0.040	-0.005	0.055	0.147	0.260	0.359	0.397
3701	37.00	0.334	0.163	-0.082	-0.332	-0.506	-0.536	-0.400	-0.121	0.238	0.599
3711	37.10	0.891	1.073	1.136	1.097	0.982	0.816	0.617	0.396	0.167	-0.050
3721	37.20	-0.227	-0.338	-0.364	-0.310	-0.205	-0.092	-0.019	-0.020	-0.106	-0.260
3731	37.30	-0.444	-0.615	-0.741	-0.806	-0.818	-0.798	-0.766	-0.736	-0.702	-0.646
3741	37.40	-0.547	-0.394	-0.196	0.029	0.237	0.395	0.481	0.497	0.460	0.396
3751	37.50	0.327	0.259	0.182	0.083	-0.048	-0.201	-0.348	-0.447	-0.463	-0.383
3761	37.60	-0.221	-0.021	0.161	0.275	0.292	0.215	0.070	-0.098	-0.247	-0.342
3771	37.70	-0.368	-0.325	-0.226	-0.098	0.023	0.101	0.100	0.002	-0.189	-0.435
3781	37.80	-0.675	-0.837	-0.866	-0.739	-0.477	-0.142	0.188	0.442	0.583	0.610
3791	37.90	0.555	0.462	0.367	0.285	0.209	0.128	0.035	-0.059	-0.129	-0.148
3801	38.00	-0.101	0.009	0.157	0.315	0.459	0.586	0.701	0.815	0.923	0.997
3811	38.10	0.994	0.872	0.615	0.249	-0.157	-0.511	-0.732	-0.776	-0.656	-0.436
3821	38.20	-0.201	-0.033	0.026	-0.027	-0.148	-0.289	-0.410	-0.497	-0.557	-0.611
3831	38.30	-0.669	-0.724	-0.749	-0.714	-0.604	-0.625	-0.210	-0.004	0.154	0.247
3841	38.40	0.285	0.291	0.301	0.316	0.331	0.317	0.249	0.117	-0.058	-0.234
3851	38.50	-0.355	-0.380	-0.296	-0.128	0.072	0.245	0.342	0.345	0.267	0.141
3861	38.60	0.011	-0.094	-0.164	-0.207	-0.240	-0.279	-0.324	-0.358	-0.357	-0.296
3871	38.70	-0.168	0.013	0.214	0.390	0.501	0.525	0.461	0.333	0.172	0.009
3881	38.80	-0.140	-0.269	-0.381	-0.469	-0.512	-0.477	-0.323	-0.034	0.375	0.839
3891	38.90	1.262	1.543	1.613	1.462	1.144	0.765	0.437	0.238	0.183	0.221
3901	39.00	0.258	0.206	0.015	-0.300	-0.666	-0.989	-1.185	-1.217	-1.101	-0.890
3911	39.10	-0.650	-0.429	-0.249	-0.107	0.010	0.111	0.190	0.239	0.257	0.259
3921	39.20	0.275	0.334	0.449	0.599	0.739	0.814	0.785	0.649	0.444	0.230
3931	39.30	0.062	-0.027	-0.042	-0.016	0.024	0.054	0.079	0.117	0.178	0.250
3941	39.40	0.291	0.254	0.107	-0.140	-0.429	-0.678	-0.809	-0.787	-0.631	-0.407
3951	39.50	-0.196	-0.059	-0.012	-0.034	-0.086	-0.138	-0.192	-0.273	-0.408	-0.593
3961	39.60	-0.784	-0.905	-0.885	-0.696	-0.378	-0.027	0.234	0.317	0.202	-0.053
3971	39.70	-0.340	-0.550	-0.623	-0.567	-0.443	-0.328	-0.267	-0.252	-0.228	-0.130
3981	39.80	0.075	0.386	0.669	0.894	0.976	0.907	0.733	0.528	0.355	0.230
3991	39.90	0.123	-0.018	-0.232	-0.508	-0.765	-0.974	-0.997	-0.830	-0.515	-0.143

Table 7-10-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1922 S615-GR-1-11 HA. (HA.) SUGESAVA DAM MAX. ACC. = -58.660 (GAL) T= 2.45 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
4001	40.00	0.187	0.406	0.503	0.517	0.514	0.547	0.631	0.739	0.824	0.842
4011	40.10	0.760	0.658	0.519	0.402	0.330	0.299	0.291	0.283	0.269	0.254
4021	40.20	0.250	0.262	0.286	0.301	0.293	0.257	0.210	0.183	0.205	0.287
4031	40.30	0.412	0.542	0.631	0.644	0.574	0.440	0.275	0.110	-0.042	-0.185
4041	40.40	-0.337	-0.510	-0.703	-0.895	-1.053	-1.143	-1.141	-1.043	-0.860	-0.621
4051	40.50	-0.361	-0.123	0.052	0.126	0.075	-0.098	-0.362	-0.654	-0.902	-1.041
4061	40.60	-1.039	-0.908	-0.699	-0.480	-0.304	-0.195	-0.137	-0.089	-0.013	0.103
4071	40.70	0.239	0.347	0.379	0.310	0.151	-0.052	-0.245	-0.383	-0.450	-0.458
4081	40.80	-0.432	-0.394	-0.346	-0.278	-0.177	-0.048	0.082	0.169	0.173	0.085
4091	40.90	-0.066	-0.221	-0.312	-0.297	-0.180	-0.010	0.144	0.227	0.223	0.164
4101	41.00	0.112	0.126	0.229	0.397	0.571	0.686	0.704	0.636	0.529	0.448
4111	41.10	0.433	0.482	0.550	0.573	0.499	0.324	0.087	-0.135	-0.272	-0.284
4121	41.20	-0.183	-0.024	0.122	0.198	0.188	0.113	0.0			

Table 7-11-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1923 S615-GR-1-11 U-D (U-D) SUGESAWA DAM MAX. ACC. = -34.781 (GAL) T= 2.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.181	1.116	2.747	3.112	2.200	0.581	-0.903	-1.571	-1.244	-0.316
11	0.10	0.480	0.493	-0.471	-2.016	-3.338	-3.645	-2.582	-0.454	1.885	3.430
21	0.20	3.499	2.066	-0.222	-2.350	-3.408	-2.999	-1.388	0.654	2.239	2.771
31	0.30	2.177	0.882	-0.456	-1.276	-1.367	-0.903	-0.291	0.076	0.023	-0.353
41	0.40	-0.776	-0.973	-0.826	-0.418	0.038	0.329	0.353	0.144	-0.178	-0.503
51	0.50	-0.727	-0.896	-1.136	-1.100	-0.732	0.089	1.112	2.642	3.582	3.636
61	0.60	2.562	0.571	-1.675	-3.295	-3.571	-2.311	-0.006	2.334	3.607	3.136
71	0.70	1.015	-1.890	-4.311	-5.165	-4.079	-1.587	1.115	2.745	2.583	0.852
81	0.80	-1.354	-2.608	-1.872	0.917	4.730	7.860	8.703	6.536	1.908	-3.545
91	0.90	-7.809	-9.384	-7.942	-4.445	-0.656	1.708	1.779	-0.085	-2.533	-3.928
101	1.00	-3.175	-0.275	3.678	7.030	8.359	7.146	3.983	0.268	-2.497	-3.397
111	1.10	-2.683	-0.658	0.846	1.115	0.019	-1.761	-3.101	-3.035	-1.266	1.667
121	1.20	4.599	6.279	5.927	3.578	0.065	-3.340	-5.458	-5.670	-4.124	-1.617
131	1.30	0.705	2.218	2.371	1.592	0.691	0.536	1.606	3.707	5.978	7.217
141	1.40	6.615	3.279	-1.501	-6.389	-9.547	-9.590	-6.245	-0.587	5.275	8.998
151	1.50	8.978	5.062	-1.324	-7.722	-11.667	-11.630	-7.817	-1.873	3.785	7.046
161	1.60	7.006	4.276	0.609	-1.970	-2.097	0.360	4.330	8.103	10.115	9.596
171	1.70	6.777	2.644	-1.581	-4.959	-7.092	-8.076	-8.235	-7.843	-6.982	-5.597
181	1.80	-3.650	-1.260	1.286	3.648	5.581	7.017	8.024	8.685	8.978	8.767
191	1.90	7.913	6.431	4.595	2.890	1.824	1.692	2.440	3.689	4.926	5.741
201	2.00	5.971	5.675	4.976	3.880	2.207	-0.314	-3.859	-8.339	-13.395	-18.547
211	2.10	-23.392	-27.707	-31.338	-33.944	-34.781	-32.752	-26.828	-18.700	-3.347	10.884
221	2.20	22.842	29.679	30.002	24.539	15.909	7.542	2.214	0.904	2.540	4.767
231	2.30	5.357	3.499	0.289	-1.864	-0.626	4.832	13.140	21.188	25.535	24.065
241	2.40	17.017	6.865	-2.909	-9.493	-11.993	-11.532	-10.816	-11.610	-14.494	-18.055
251	2.50	-19.806	-17.643	-11.155	-2.033	6.623	11.767	11.838	7.425	0.847	-5.100
261	2.60	-8.527	-9.234	-8.526	-8.226	-9.484	-12.067	-14.504	-14.973	-12.392	-7.096
271	2.70	-0.716	4.658	7.546	7.789	6.536	5.534	6.156	8.697	12.311	15.572
281	2.80	17.298	17.158	15.736	14.054	12.884	12.270	11.540	9.797	6.554	2.149
291	2.90	-2.355	-5.701	-7.115	-6.720	-5.450	-4.504	-4.655	-5.811	-7.071	-7.256
301	3.00	-5.610	-2.282	1.690	4.868	6.128	5.216	2.843	0.310	-1.154	-0.957
311	3.10	0.629	2.701	4.225	4.549	3.651	2.041	0.411	-0.752	-1.372	-1.736
321	3.20	-2.255	-3.195	-4.534	-6.009	-7.291	-8.161	-8.590	-8.671	-8.487	-8.002
331	3.30	-7.059	-5.496	-3.297	-0.697	1.844	3.796	4.747	4.568	3.441	1.770
341	3.40	0.009	-1.495	-2.599	-3.351	-3.899	-4.370	-4.774	-4.954	-4.626	-3.477
351	3.50	-1.310	1.816	5.491	9.006	11.495	12.235	10.924	7.874	3.972	0.404
361	3.60	-1.784	-2.115	-0.686	0.940	2.145	1.805	-0.298	-3.564	-6.852	-8.969
371	3.70	-9.203	-7.592	-4.637	-1.934	0.297	1.524	1.929	1.951	1.942	1.920
381	3.80	1.587	0.576	-1.216	-3.428	-5.310	-6.045	-5.165	-2.832	0.190	2.861
391	3.90	4.344	4.388	3.423	2.319	1.929	2.656	4.257	5.973	6.913	6.492
401	4.00	4.704	2.116	-0.398	-2.031	-2.346	-1.371	0.504	2.760	4.953	6.802
411	4.10	8.149	8.867	8.795	7.786	5.821	3.132	0.223	-2.252	-3.717	-3.908
421	4.20	-2.994	-1.514	-0.155	0.538	0.375	-0.432	-1.404	-2.040	-2.056	-1.494
431	4.30	-0.686	-0.069	-0.005	-0.617	-1.780	-3.207	-4.585	-5.683	-6.383	-6.643
441	4.40	-6.433	-5.698	-4.393	-2.561	-0.423	1.607	2.998	3.271	2.187	-0.116
451	4.50	-3.123	-6.076	-8.212	-9.004	-8.318	-6.423	-3.860	-1.228	1.017	2.676
461	4.60	3.794	4.552	5.118	5.543	5.743	5.574	4.943	3.907	2.682	1.567
471	4.70	0.613	0.496	0.468	0.613	-0.012	-1.003	-2.494	-4.141	-5.438	-5.913
481	4.80	-5.327	-3.789	-1.745	0.169	1.349	1.436	0.423	-1.339	-3.304	-4.923
491	4.90	-5.825	-5.910	-5.319	-4.321	-3.170	-2.004	-0.833	0.386	1.654	2.855

Table 7-11-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1923 S615-GR-1-11 U-D (U-D) SUGESAWA DAM MAX. ACC. = -34.781 (GAL) T= 2.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	3.771	4.178	3.980	3.309	2.529	2.112	2.454	3.683	5.579	7.632
511	5.10	9.234	9.917	9.533	8.302	6.695	5.221	4.216	3.726	3.537	3.327
521	5.20	2.854	2.081	1.187	0.444	0.062	0.051	0.206	0.203	-0.226	-1.150
531	5.30	-2.384	-3.560	-4.291	-4.348	-3.768	-2.838	-1.973	-1.537	-1.694	-2.355
541	5.40	-3.230	-3.959	-4.265	-4.061	-3.467	-2.750	-2.202	-2.023	-2.240	-2.706
551	5.50	-3.159	-3.327	-3.036	-2.278	-1.215	-0.117	1.231	1.356	1.135	1.125
561	5.60	1.419	1.855	2.716	3.798	4.758	5.209	4.899	3.840	2.336	0.879
571	5.70	-0.027	-0.063	0.787	2.231	3.703	4.940	5.338	4.847	3.559	1.717
581	5.80	-0.386	-2.480	-4.348	-5.820	-6.760	-7.080	-6.772	-5.939	-4.804	-3.657
591	5.90	-2.773	-2.321	-2.303	-2.575	-2.917	-3.140	-3.165	-3.041	-2.904	-2.894
601	6.00	-3.081	-3.433	-3.838	-4.161	-4.291	-4.160	-3.728	-2.961	-1.822	-0.306
611	6.10	1.492	3.359	4.959	5.937	6.044	5.366	4.144	2.985	2.356	2.571
621	6.20	3.529	4.743	5.528	5.301	3.867	1.552	-0.894	-2.589	-2.896	-1.714
631	6.30	0.447	2.665	3.973	3.762	2.034	-0.619	-3.272	-5.074	-5.589	-4.955
641	6.40	-3.760	-2.735	-2.388	-2.768	-3.466	-3.832	-3.314	-1.741	0.579	2.995
651	6.50	4.801	5.543	5.196	4.129	2.902	1.991	1.597	1.609	1.744	1.754
661	6.60	1.583	1.394	1.441	1.673	2.594	3.265	3.467	2.962	1.772	0.401
671	6.70	-0.546	-0.565	0.461	2.166	3.844	4.770	4.547	3.368	1.663	0.405
681	6.80	0.121	0.893	2.248	3.383	3.561	2.484	0.466	-1.705	-3.124	-3.200
691	6.90	-1.946	0.025	1.774	2.465	1.743	-0.120	-2.366	-4.110	-4.728	-4.110
701	7.00	-2.657	-1.052	0.073	0.406	0.033	-0.689	-1.376	-1.836	-2.147	-2.560
711	7.10	-3.289	-4.327	-5.387	-6.024	-5.874	-4.876	-3.365	-1.953	-1.261	-1.619
721	7.20	-2.890	-4.514	-5.745	-5.995	-5.094	-3.358	-1.428	0.041	0.682	0.565
731	7.30	0.123	-0.094	0.283	1.252	2.458	3.388	3.651	3.192	2.325	1.573
741	7.40	1.400	1.968	3.058	4.177	4.807	4.669	3.850	2.758	1.903	1.618
751	7.50	2.023	2.726	3.286	3.302	2.644	1.516	0.340	-0.452	-0.636	-0.294
761	7.60	0.226	0.511	0.207	-0.506	-1.551	-2.437	-2.789	-2.455	-1.586	-0.577
771	7.70	0.097	0.084	-0.703	-2.039	-3.472	-4.491	-4.718	-4.042	-2.655	-0.976
781	7.80	0.513	1.437	1.658	1.299	0.667	0.100	-0.174	-0.127	0.095	0.282
791	7.90	0.296	0.167	0.088	0.300	0.936	1.902	2.871	3.414	3.208	2.219
801	8.00	0.766	-0.594	-1.310	-1.096	-0.083	1.225	2.174	2.268	1.397	-0.113
811	8.10	-1.660	-2.640	-2.813	-2.223	-1.313	-0.581	-0.344	-0.591	-1.021	-1.241
821	8.20	-0.995	-0.311	0.532	1.168	1.363	1.137	0.742	0.490	0.548	0.824
831	8.30	1.009	0.765	-0.046	-1.239	-2.354	-2.883	-2.529	-1.392	0.058	1.202
841	8.40	1.568	1.074	0.060	-0.887	-1.235	-0.782	0.254	1.356	1.981	1.839
851	8.50	1.032	-0.017	-0.795	-0.967	-0.532	0.200	0.798	0.939	0.577	-0.067
861	8.60	-0.642	-0.880	-0.733	-0.385	-0.124	-0.164	-0.512	-0.987	-1.236	-1.105
871	8.70	-0.564	0.176	0.799	1.062	0.827	0.289	-0.305	-0.699	-0.761	-0.518
881	8.80	-0.100	0.365	0.823	1.301	1.843	2.414	2.665	2.903	2.520	1.613
891	8.90	0.355	-0.816	-1.482	-1.388	-0.588	0.667	1.882	2.616	2.742	2.317
901	9.00	1.596	0.855	0.243	-0.264	-0.796	-1.445	-2.148	-2.663	-2.682	-2.014
911	9.10	-0.742	0.741	1.863	2.119	1.321	-0.283	-2.085	-3.370	-3.631	-2.800
921	9.20	-1.275	0.267	1.196	1.213	0.495	-0.419	-0.911	-0.596	0.464	1.786
931	9.30	2.692	2.643	1.508	-0.356	-2.262	-3.493	-3.618	-2.664	-1.077	0.506
941	9.40	1.542	1.800	1.412	0.748	0.200	-0.008	0.105	0.348	0.501	0.457
951	9.50	0.265	0.071	0.003	0.048	0.042	-0.949	-0.694	-1.492	-2.273	-2.498
961	9.60	-2.515	-1.727	-0.584	0.512	1.197	1.311	0.961	0.443	0.076	0.027
971	9.70	0.234	0.462	0.456	0.092	-0.517	-1.088	-1.305	-0.985	-0.189	0.817
981	9.80	1.686	2.149	2.132	1.757	1.244	0.785	0.453	0.201	-0.058	-0.355
991	9.90	-0.609	-0.666	-0.398	0.202	0.958	1.590	1.844	1.619	1.036	0.373

Table 7-11-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1923 S615-GR-1-11 U-D (U-D) SUGESAWA DAM MAX. ACC. = -34.781 (GAL) T= 2.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.076	-0.158	0.055	0.309	0.316	-0.076	-0.788	-1.537	-1.978	-1.893
1011	10.10	-1.310	-0.498	0.164	0.380	0.083	-0.538	-1.141	-1.411	-1.224	-0.701
1021	10.20	-0.137	0.154	-0.001	-0.553	-1.273	-1.871	-2.137	-2.030	-1.661	-1.216
1031	10.30	-0.840	-0.529	-0.378	-0.153	0.128	0.410	0.566	0.472	0.089	-0.503
1041	10.40	-1.124	-1.572	-1.708	-1.499	-1.018	-0.389	0.276	0.909	1.484	1.974
1051	10.50	2.320	2.428	2.219	1.684	0.944	0.231	-0.181	-0.089	0.538	1.521
1061	10.60	2.526	3.189	3.257	2.695	1.696	0.597	-0.258	-0.659	-0.603	-0.276
1071	10.70	0.042	0.108	-0.178	-0.736	-1.346	-1.747	-1.748	-1.300	-0.512	0.399
1081	10.80	1.191	1.673	1.751	1.442	0.841	0.083	-0.683	-1.316	-1.689	-1.710
1091	10.90	-1.340	-0.628	0.274	1.127	1.675	1.728	1.251	0.399	-0.529	-1.190
1101	11.00	-1.350	-0.978	-0.272	0.422	0.771	0.603	-0.002	-0.746	-1.253	-1.246
1111	11.10	-0.691	0.181	0.971	1.297	0.970	0.089	-1.003	-1.868	-2.168	-1.805
1121	11.20	-0.949	0.049	0.816	1.109	0.895	0.329	-0.337	-0.870	-1.128	-1.080
1131	11.30	-0.770	-0.272	0.339	0.988	1.570	1.953	2.002	1.637	0.901	-0.023
1141	11.40	-0.869	-1.295	-1.191	-0.565	0.366	1.278	1.870	1.989	1.675	1.133
1151	11.50	0.623	0.348	0.372	0.610	0.880	0.999	0.854	0.441	-0.154	-0.796
1161	11.60	-1.356	-1.744	-1.923	-1.900	-1.713	-1.426	-1.111	-0.844	-0.679	-0.634
1171	11.70	-0.680	-0.753	-0.782	-0.723	-0.581	-0.406	-0.261	-0.186	-0.174	-0.176
1181	11.80	-0.144	-0.052	0.063	0.128	0.079	-0.093	-0.314	-0.459	-0.418	-0.162
1191	11.90	0.218	0.551	0.662	0.477	0.074	-0.337	-0.514	-0.304	0.264	0.979
1201	12.00	1.538	1.689	1.351	0.657	-0.110	-0.653	-0.801	-0.576	-0.172	0.166
1211	12.10	0.262	0.097	-0.200	-0.435	-0.460	-0.252	0.086	0.394	0.547	0.519
1221	12.20	0.376	0.225	0.130	0.076	-0.011	-0.195	-0.454	-0.667	-0.663	-0.325
1231	12.30	0.308	1.019	1.487	1.437	0.793	-0.252	-1.293	-1.880	-1.722	-0.836
1241	12.40	0.452	1.641	2.277	2.148	1.373	0.334	-0.510	-0.826	-0.550	0.108
1251	12.50	0.786	1.149	1.043	0.543	-0.096	-0.581	-0.717	-0.485	-0.035	0.403
1261	12.60	0.628	0.553	0.226	-0.213	-0.600	-0.819	-0.842	-0.716	-0.524	-0.353
1271	12.70	-0.241	-0.183	-0.160	-0.072	0.032	0.142	0.188	0.092	-0.193	-0.644
1281	12.80	-1.156	-1.562	-1.688	-1.432	-0.817	-0.009	0.733	1.159	1.132	0.694
1291	12.90	0.055	-0.500	-0.745	-0.613	-0.233	0.147	0.297	0.133	-0.222	-0.498
1301	13.00	-0.421	0.122	0.995	1.855	2.302	2.081	1.223	0.053	-0.948	-1.370
1311	13.10	-1.061	-0.201	0.792	1.468	1.563	1.117	0.436	-0.082	-0.160	0.215
1321	13.20	0.791	1.192	1.121	0.521	-0.393	-1.242	-1.672	-1.524	-0.902	-0.108
1331	13.30	0.520	0.762	0.613	0.249	-0.087	-0.218	-0.515	0.110	0.289	0.209
1341	13.40	0.123	-0.158	-0.111	-0.574	-0.449	-0.706	-0.817	-0.995	-1.175	-1.248
1351	13.50	-1.126	-0.610	-0.395	-0.029	0.161	0.138	-0.034	-0.233	-0.355	-0.369
1361	13.60	-0.330	-0.328	-0.423	-0.589	-0.726	-0.715	-0.500	-0.140	0.210	0.374
1371	13.70	0.254	-0.104	-0.524	-0.785	-0.741	-0.397	0.081	0.450	0.516	0.233
1381	13.80	-0.273	-0.771	-1.041	-0.982	-0.648	-0.202	0.186	0.424	0.540	0.632
1391	13.90	0.786	0.996	1.152	1.105	0.765	0.181	-0.451	-0.870	-0.884	-0.472
1401	14.00	0.188	0.798	1.085	0.936	0.457	-0.085	-0.403	-0.332	0.079	0.602
1411	14.10	0.952	0.933	0.543	-0.027	-0.497	-0.636	-0.376	0.166	0.758	1.176
1421	14.20	1.305	1.183	0.942	0.723	0.585	0.484	0.316	0.005	-0.421	-0.823
1431	14.30	-1.007	-0.830	-0.287	0.468	1.176	1.588	1.579	1.206	0.663	0.207
1441	14.40	0.018	0.127	0.406	0.643	0.662	0.322	-0.252	-0.903	-1.421	-1.659
1451	14.50	-1.582	-1.272	-0.879	-0.552	-0.380	-0.366	-0.435	-0.498	-0.476	-0.361
1461	14.60	-0.124	0.107	0.284	0.361	0.338	0.248	0.147	0.079	0.056	0.057
1471	14.70	0.062	-0.026	-0.149	-0.284	-0.356	-0.292	-0.065	0.281	0.630	0.841
1481	14.80	0.807	0.509	0.040	-0.426	-0.708	-0.701	-0.429	-0.041	0.256	0.294
1491	14.90	0.034	-0.409	-0.806	-0.919	-0.613	0.074	0.938	1.691	2.083	2.005

Table 7-11-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1923 S615-GR-1-11 U-D (U-D) SUGESAWA DAM MAX. ACC. = -34.781 (GAL) T= 2.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.529	0.865	0.262	-0.100	-0.180	-0.073	0.053	0.052	-0.129	-0.432
1511	15.10	-0.725	-0.878	-0.839	-0.615	-0.345	-0.142	-0.083	-0.161	-0.296	-0.381
1521	15.20	-0.336	-0.147	0.132	0.410	0.602	0.665	0.606	0.466	0.287	0.090
1531	15.30	-0.130	-0.383	-0.661	-0.917	-1.073	-1.055	-0.815	-0.595	-0.104	0.100
1541	15.40	0.276	0.344	-0.140	-0.618	-0.943	-1.035	-0.903	-0.634	-0.349	
1551	15.50	-0.150	-0.080	-0.115	-0.184	-0.209	-0.146	-0.006	0.151	0.247	0.227
1561	15.60	0.085	-0.129	-0.331	-0.437	-0.405	-0.245	-0.020	0.186	0.302	0.301
1571	15.70	0.208	0.088	0.017	0.048	0.188	0.393	0.584	0.678	0.611	0.373
1581	15.80	0.005	-0.406	-0.757	-0.958	-0.962	-0.782	-0.484	-0.168	0.070	0.172
1591	15.90	0.139	0.035	-0.046	-0.018	0.155	0.433	0.711	0.860	0.778	0.437
1601	16.00	-0.093	-0.671	-1.134	-1.362	-1.323	-1.083	-0.770	-0.519	-0.409	-0.434
1611	16.10	-0.512	-0.525	-0.383	-0.067	0.360	0.781	1.073	1.160	1.046	0.793
1621	16.20	0.515	0.308	0.227	0.274	0.403	0.553	0.673	0.732	0.723	0.651
1631	16.30	0.531	0.377	0.216	0.086	0.031	0.090	0.272	0.546	0.835	1.043
1641	16.40	1.091	0.945	0.642	0.272	-0.048	-0.224	-0.216	-0.053	0.185	0.401
1651	16.50	0.518	0.504	0.375	0.178	-0.032	-0.214	-0.346	-0.422	-0.443	-0.408
1661	16.60	-0.318	-0.183	-0.029	0.110	0.199	0.220	0.185	0.127	0.091	0.102
1671	16.70	0.155	0.207	0.264	0.104	-0.094	-0.348	-0.587	-0.747	-0.807	-0.797
1681	16.80	-0.786	-0.837	-0.970	-1.136	-1.229	-1.139	-0.807	-0.274	0.321	0.781
1691	16.90	0.931	0.696	0.135	-0.565	-1.167	-1.469	-1.389	-0.990	-0.445	0.035
1701	17.00	0.300	0.310	0.149	-0.026	-0.068	0.090	0.404	0.745	0.956	0.933
1711	17.10	0.672	0.267	-0.126	-0.367	-0.385	-0.204	0.077	0.336	0.487	0.511
1721	17.20	0.453	0.383	0.357	0.379	0.410	0.395	0.308	0.171	0.063	0.067
1731	17.30	0.227	0.507	0.795	0.945	0.841	0.561	-0.115	-0.690	-1.102	-1.225
1741	17.40	-1.057	-0.711	-0.362	-0.162	-0.172	-0.334	-0.505	-0.526	-0.305	0.139
1751	17.50	0.677	1.122	1.313	1.178	0.758	0.187	-0.365	-0.757	-0.921	-0.870
1761	17.60	-0.674	-0.420	-0.178	0.011	0.134	0.191	0.185	0.119	0.001	-0.147
1771	17.70	-0.296	-0.420	-0.508	-0.575	-0.652	-0.766	-0.916	-1.066	-1.152	-1.109
1781	17.80	-0.911	-0.584	-0.209	0.119	0.326	0.398	0.383	0.360	0.399	0.512
1791	17.90	0.647	0.710	0.617	0.345	-0.042	-0.415	-0.633	-0.610	-0.358	0.013
1801	18.00	0.318	0.513	0.459	0.242	-0.005	-0.139	-0.074	0.170	0.482	0.711
1811	18.10	0.731	0.521	0.147	-0.233	-0.453	-0.401	-0.066	0.458	1.008	1.406
1821	18.20	1.520	1.296	0.777	0.083	-0.623	-1.169	-1.418	-1.298	-0.828	-0.119
1831	18.30	0.646	1.259	1.545	1.423	0.937	0.269	-0.415	-0.862	-0.912	-0.643
1841	18.40	-0.175	0.286	0.555	0.547	0.299	-0.050	-0.330	-0.421	-0.302	-0.058
1851	18.50	0.171	0.263	0.172	-0.044	-0.260	-0.341	-0.216	0.091	0.455	0.718
1861	18.60	0.752	0.519	0.088	-0.385	-0.730	-0.819	-0.819	-0.487	-0.131	0.179
1871	18.70	1.011	0.930	0.798	0.421	-0.043	-0.293	-0.442	-0.612	-0.250	-0.050
1881	18.80	0.079	0.050	-0.163	-0.504	-0.855	-1.068	-1.029	-0.707	-0.181	0.384
1891	18.90	0.798	0.923	0.733	0.332	-0.096	-0.366	-0.382	-0.178	0.093	0.238
1901	19.00	0.129	-0.226	-0.689	-0.958	-0.885	-0.380	0.428	1.254	1.769	1.739
1911	19.10	1.135	0.150	-0.876	-1.596	-1.791	-1.655	-0.774	-0.031	0.522	0.767
1921	19.20	0.741	0.587	0.456	0.618	0.430	0.372	0.136	-0.297	-0.820	-1.239
1931	19.30	-1.358	-1.072	-0.442	0.346	1.031	1.414	1.408	1.079	0.591	0.125
1941	19.40	-0.206	-0.382	-0.473	-0.585	-0.700	-0.847	-0.923	-0.843	-0.587	-0.224
1951	19.50	0.105	0.253	0.133	-0.229	-0.702	-1.105	-1.279	-1.160	-0.797	-0.324
1961	19.60	0.100	0.380	0.425	0.346	0.218	0.124	0.100	0.118	0.116	0.039
1971	19.70	-0.131	-0.352	-0.546	-0.625	-0.535	-0.276	0.098	0.499	0.840	1.057
1981	19.80	1.128	1.067	0.911	0.707	0.492	0.292	0.124	-0.002	-0.082	-0.117
1991	19.90	-0.114	-0.085	-0.046	-0.012	0.010	0.014	0.003	-0.023	-0.066	-0.121

Table 7-11-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1923 S615-GR-1-11 U-D (U-D) SUGESAWA DAM MAX. ACC. = -34.781 (GAL) T= 2.15 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2001	20.00	-0.189	-0.252	-0.281	-0.246	-0.128	0.064	0.281	0.465	0.477	0.323
2011	20.10	-0.004	-0.423	-0.803	-1.004	-0.938	-0.605	-0.103	0.405	0.749	0.821
2021	20.20	0.617	0.237	-0.153	-0.389	-0.375	-0.114	0.295	0.702	0.968	1.009
2031	20.30	0.825	0.484	0.093	-0.245	-0.459	-0.519	-0.432	-0.234	0.021	0.272
2041	20.40	0.457	0.526	0.458	0.268	0.016	-0.225	-0.381	-0.424	-0.387	-0.362
2051	20.50	-0.374	-0.523	-0.763	-0.995	-1.097	-0.984	-0.656	-0.214	0.176	0.365
2061	20.60	0.289	0.009	-0.305	-0.457	-0.314	0.126	0.709	1.215	1.433	1.269
2071	20.70	0.792	0.203	-0.257	-0.413	-0.236	0.169	0.525	0.689	0.544	0.167
2081	20.80	-0.323	-0.648	-0.670	-0.359	0.176	0.745	1.158	1.306	1.193	0.920
2091	20.90	0.620	0.396	0.279	0.226	0.165	0.044	-0.133	-0.302	-0.380	-0.307
2101	21.00	-0.092	0.187	0.411	0.475	0.340	0.049	-0.291	-0.556	-0.662	-0.599
2111	21.10	-0.429	-0.251	-0.150	-0.164	-0.268	-0.402	-0.506	-0.555	-0.567	-0.585
2121	21.20	-0.644	-0.740	-0.824	-0.831	-0.712	-0.473	-0.183	0.036	0.157	0.090
2131	21.30	-0.099	-0.304	-0.412	-0.359	-0.162	0.089	0.276	0.312	0.185	-0.031
2141	21.40	-0.210	-0.237	-0.056	0.294	0.705	1.035	1.172	1.075	0.776	0.364
2151	21.50	-0.055	-0.395	-0.615	-0.714	-0.719	-0.663	-0.578	-0.482	-0.382	-0.282
2161	21.60	-0.179	-0.072	0.034	0.127	0.180	0.159	0.039	-0.181	-0.462	-0.724
2171	21.70	-0.872	-0.829	-0.572	-0.149	0.329	0.733	0.960	0.973	0.812	0.565
2181	21.80	0.326	0.155	0.041	0.013	-0.023	-0.054	-0.069	0.044	0.252	0.517
2191	21.90	0.838	0.998	0.922	0.578	0.038	-0.546	-0.995	-1.175	-1.047	-0.676
2201	22.00	-0.202	0.227	0.510	0.625	0.623	0.587	0.587	0.649	0.744	0.813
2211	22.10	0.793	0.653	0.402	0.089	-0.214	-0.435	-0.520	-0.450	-0.246	0.033
2221	22.20	0.298	0.459	0.444	0.233	-0.128	-0.536	-0.859	-0.979	-0.840	-0.466
2231	22.30	0.050	0.564	0.950	1.127	1.087	0.879	0.583	0.277	0.016	-0.175
2241	22.40	-0.291	-0.332	-0.300	-0.198	-0.044	0.129	0.271	0.335	0.292	0.141
2251	22.50	-0.084	-0.339	-0.575	-0.762	-0.881	-0.923	-0.878	-0.706	-0.494	-0.179
2261	22.60	0.148	0.402	0.495	0.379	0.074	-0.330	-0.697	-0.900	-0.868	-0.619
2271	22.70	-0.249	0.104	0.324	0.359	0.233	0.029	-0.156	-0.265	-0.287	-0.264
2281	22.80	-0.252	-0.288	-0.362	-0.428	-0.430	-0.339	-0.170	0.014	0.139	0.153
2291	22.90	0.057	-0.091	-0.200	-0.190	-0.031	0.238	0.520	0.704	0.707	0.516
2301	23.00	0.190	-0.163	-0.428	-0.533	-0.472	-0.305	-0.123	-0.008	0.006	-0.058
2311	23.10	-0.136	-0.157	-0.080	0.084	0.281	0.442	0.514	0.487	0.395	0.289
2321	23.20	0.212	0.171	0.142	0.090	-0.001	-0.107	-0.167	-0.117	0.073	0.364
2331	23.30	0.658	0.831	0.799	0.557	0.200	-0.121	-0.265	-0.174	0.097	0.394
2341	23.40	0.540	0.418	0.033	-0.484	-0.936	-1.151	-1.058	-0.725	-0.316	-0.017
2351	23.50	0.058	-0.087	-0.336	-0.530	-0.544	-0.355	-0.050	0.225	0.336	0.228
2361	23.60	-0.050	-0.376	-0.616	-0.685	-0.582	-0.360	-0.178	-0.048	-0.005	-0.007
2371	23.70	0.011	0.096	0.250	0.432	0.582	0.653	0.661	0.577	0.511	0.477
2381	23.80	0.481	0.495	0.481	0.414	0.299	0.176	0.096	0.095	0.176	0.302
2391	23.90	0.411	0.437	0.342	0.128	-0.162	-0.454	-0.672	-0.753	-0.674	-0.457
2401	24.00	-0.167	0.108	0.283	0.309	0.194	0.003	-0.163	-0.211	-0.096	0.151
2411	24.10	0.629	0.605	0.578	0.325	-0.075	-0.467	-0.689	-0.639	-0.326	0.128
2421	24.20	0.561	0.748	0.676	0.368	-0.030	-0.350	-0.467	-0.360	-0.112	0.136
2431	24.30	0.257	0.193	-0.017	-0.266	-0.432	-0.436	-0.266	0.009	0.292	0.497
2441	24.40	0.583	0.559	0.466	0.350	0.237	0.130	0.018	-0.104	-0.229	-0.336
2451	24.50	-0.402	-0.416	-0.382	-0.315	-0.228	-0.119	0.017	0.184	0.365	0.516
2461	24.60	0.579	0.510	0.307	0.027	-0.228	-0.348	-0.265	0.015	0.405	0.764
2471	24.70	0.961	0.919	0.648	0.236	-0.198	-0.540	-0.736	-0.792	-0.755	-0.678
2481	24.80	-0.591	-0.495	-0.377	-0.236	-0.101	-0.025	-0.060	-0.223	-0.476	-0.730
2491	24.90	-0.884	-0.864	-0.686	-0.353	-0.033	0.191	0.267	0.214	0.105	0.024

Table 7-11-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1923 S615-GR-1-11 U-D (U-D) SUGESAWA DAM MAX. ACC. = 34.781 (GAL) T= 2.15 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2501	25.00	0.028	0.114	0.229	0.301	0.280	0.163	-0.005	-0.157	-0.240	-0.238
2511	25.10	-0.178	-0.108	-0.067	-0.085	-0.081	-0.080	-0.038	0.039	0.122	0.176
2521	25.20	0.183	0.157	0.133	0.145	0.200	0.264	0.284	0.215	0.055	-0.141
2531	25.30	-0.281	-0.281	-0.109	0.190	0.502	0.698	0.689	0.469	0.121	-0.224
2541	25.40	-0.448	-0.496	-0.398	-0.248	-0.147	-0.156	-0.267	-0.415	-0.516	-0.516
2551	25.50	-0.411	-0.246	-0.075	0.057	0.149	0.225	0.307	0.386	0.416	0.340
2561	25.60	0.133	-0.177	-0.477	-0.635	-0.548	-0.201	0.306	0.793	1.072	1.028
2571	25.70	0.671	0.335	-0.381	-0.711	-0.768	-0.592	-0.323	-0.110	-0.054	-0.155
2581	25.80	-0.327	-0.447	-0.415	-0.212	0.105	0.426	0.645	0.708	0.627	0.465
2591	25.90	0.297	0.176	0.115	0.090	0.068	0.029	-0.023	-0.063	-0.067	-0.028
2601	26.00	0.033	0.082	0.083	0.019	-0.100	-0.240	-0.360	-0.427	-0.423	-0.348
2611	26.10	-0.218	-0.051	0.128	0.291	0.408	0.454	0.410	0.284	0.105	-0.071
2621	26.20	-0.135	-0.192	-0.079	0.125	0.363	0.569	0.684	0.684	0.573	0.386
2631	26.30	0.166	-0.041	-0.197	-0.280	-0.276	-0.189	-0.056	0.146	0.308	0.398
2641	26.40	0.379	0.244	0.022	-0.227	-0.432	-0.538	-0.521	-0.397	-0.210	-0.013
2651	26.50	0.151	0.263	0.324	0.344	0.333	0.289	0.208	0.092	-0.039	-0.149
2661	26.60	-0.196	-0.155	-0.035	0.122	0.249	0.283	0.196	0.008	-0.220	-0.407
2671	26.70	-0.490	-0.447	-0.308	-0.136	0.002	0.061	0.041	-0.022	-0.074	-0.071
2681	26.80	0.000	0.121	0.250	0.346	0.383	0.356	0.278	0.167	0.039	-0.096
2691	26.90	-0.230	-0.343	-0.410	-0.404	-0.313	-0.152	0.029	0.166	0.201	0.106
2701	27.00	-0.097	-0.345	-0.557	-0.667	-0.653	-0.536	-0.379	-0.235	-0.140	-0.089
2711	27.10	-0.048	0.023	0.135	0.262	0.340	0.300	0.102	-0.242	-0.657	-1.039
2721	27.20	-1.248	-1.239	-0.994	-0.571	-0.072	0.392	0.731	0.903	0.913	0.800
2731	27.30	0.622	0.429	0.258	0.122	0.020	-0.062	-0.136	-0.209	-0.281	-0.342
2741	27.40	-0.380	-0.382	-0.345	-0.278	-0.197	-0.122	-0.067	-0.036	-0.026	-0.026
2751	27.50	-0.032	-0.045	-0.072	-0.118	-0.173	-0.210	-0.189	-0.079	0.127	0.395
2761	27.60	0.655	0.866	0.848	0.713	0.469	0.211	0.044	-0.092	0.098	0.268
2771	27.70	0.416	0.468	0.403	0.267	0.143	0.113	0.206	0.388	0.570	0.657
2781	27.80	0.592	0.389	0.125	-0.096	-0.196	-0.158	-0.039	0.088	0.077	-0.038
2791	27.90	-0.235	-0.414	-0.473	-0.358	-0.086	0.247	0.519	0.631	0.548	0.312
2801	28.00	0.017	-0.235	-0.377	-0.400	-0.344	-0.271	-0.227	-0.220	-0.225	-0.204
2811	28.10	-0.137	-0.038	0.048	0.068	-0.010	-0.176	-0.373	-0.524	-0.567	-0.481
2821	28.20	-0.303	-0.107	0.024	0.038	-0.063	-0.225	-0.368	-0.409	-0.325	-0.139
2831	28.30	0.081	0.251	0.306	0.229	0.053	-0.154	-0.317	-0.384	-0.341	-0.213
2841	28.40	-0.045	0.121	0.260	0.372	0.474	0.582	0.702	0.814	0.886	0.884
2851	28.50	0.785	0.593	0.336	0.061	-0.170	-0.320	-0.359	-0.286	-0.126	0.078
2861	28.60	0.264	0.384	0.400	0.300	0.106	-0.130	-0.344	-0.476	-0.496	-0.411
2871	28.70	-0.264	-0.115	-0.018	0.001	-0.045	-0.117	-0.169	-0.171	-0.123	-0.056
2881	28.80	-0.012	-0.019	-0.081	-0.170	-0.245	-0.267	-0.222	-0.128	-0.017	0.073
2891	28.90	0.124	0.138	0.132	0.123	0.115	0.097	0.056	-0.011	-0.083	-0.121
2901	29.00	-0.089	0.021	0.174	0.300	0.321	0.192	-0.072	-0.385	-0.625	-0.685
2911	29.10	-0.522	-0.184	0.203	0.488	0.557	0.382	0.036	-0.343	-0.614	-0.690
2921	29.20	-0.574	-0.369	-0.134	-0.025	-0.054	-0.182	-0.328	-0.413	-0.401	-0.314
2931	29.30	-0.212	-0.150	-0.148	-0.175	-0.164	-0.056	0.163	0.442	0.683	0.779
2941	29.40	0.668	0.364	-0.043	-0.425	-0.667	-0.716	-0.599	-0.400	-0.220	-0.127
2951	29.50	-0.128	-0.172	-0.187	-0.119	0.035	0.224	0.371	0.417	0.352	0.225
2961	29.60	0.121	0.116	0.238	0.443	0.653	0.753	0.686	0.480	0.156	-0.133
2971	29.70	-0.296	-0.296	-0.168	0.009	0.151	0.208	0.185	0.134	0.115	0.150
2981	29.80	0.225	0.276	0.236	0.075	-0.173	-0.414	-0.537	-0.462	-0.183	0.225
2991	29.90	0.431	0.899	0.947	0.773	0.452	0.095	-0.197	-0.374	-0.443	-0.456

Table 7-11-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1923 S615-GR-1-11 U-D (U-D) SUGESAWA DAM MAX. ACC. = -34.781 (GAL) T= 2.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.468	-0.509	-0.565	-0.594	-0.550	-0.410	-0.192	0.052	0.256	0.369
3011	30.10	0.369	0.272	0.120	-0.035	-0.151	-0.207	-0.203	-0.161	-0.111	-0.086
3021	30.20	-0.107	-0.175	-0.268	-0.340	-0.339	-0.224	0.004	0.300	0.575	0.727
3031	30.30	0.687	0.468	0.078	-0.298	-0.545	-0.579	-0.395	-0.076	0.246	0.467
3041	30.40	0.465	0.321	0.103	-0.080	-0.155	-0.110	0.003	0.109	0.154	0.135
3051	30.50	0.105	0.131	0.250	0.440	0.617	0.678	0.551	0.246	-0.140	-0.460
3061	30.60	-0.576	-0.430	-0.067	0.372	0.717	0.835	0.685	0.331	-0.089	-0.424
3071	30.70	-0.574	-0.515	-0.304	-0.035	0.198	0.345	0.404	0.407	0.396	0.395
3081	30.80	0.401	0.395	0.351	0.256	0.111	-0.061	-0.237	-0.393	-0.515	-0.592
3091	30.90	-0.616	-0.583	-0.498	-0.378	-0.253	-0.161	-0.131	-0.173	-0.269	-0.378
3101	31.00	-0.453	-0.459	-0.392	-0.277	-0.159	-0.077	-0.053	-0.074	-0.106	-0.105
3111	31.10	-0.040	0.089	0.253	0.404	0.493	0.488	0.386	0.211	0.010	-0.167
3121	31.20	-0.276	-0.296	-0.226	-0.089	0.072	0.209	0.279	0.256	0.140	-0.083
3131	31.30	-0.244	-0.412	-0.504	-0.507	-0.435	-0.326	-0.266	-0.170	-0.168	-0.203
3141	31.40	-0.243	-0.255	-0.223	-0.155	-0.079	-0.033	-0.043	-0.112	-0.216	-0.312
3151	31.50	-0.353	-0.310	-0.184	-0.003	0.183	0.319	0.369	0.321	0.193	0.027
3161	31.60	-0.131	-0.241	-0.283	-0.258	-0.185	-0.089	0.008	0.090	0.152	0.193
3171	31.70	0.215	0.213	0.185	0.130	0.054	-0.023	-0.075	-0.074	0.001	0.151
3181	31.80	0.351	0.560	0.720	0.783	0.716	0.519	0.229	-0.092	-0.367	-0.531
3191	31.90	-0.546	-0.418	-0.195	0.049	0.236	0.315	0.281	0.175	0.072	0.047
3201	32.00	0.147	0.360	0.625	0.843	0.921	0.810	0.524	0.138	-0.234	-0.486
3211	32.10	-0.550	-0.430	-0.186	0.091	0.309	0.414	0.399	0.299	0.173	0.077
3221	32.20	0.040	0.066	0.129	0.195	0.228	0.204	0.115	-0.033	-0.222	-0.426
3231	32.30	-0.613	-0.750	-0.807	-0.767	-0.634	-0.431	-0.199	0.010	0.149	0.188
3241	32.40	0.123	-0.021	-0.196	-0.344	-0.414	-0.377	-0.236	-0.029	0.186	0.347
3251	32.50	0.410	0.371	0.265	0.153	0.101	0.168	0.292	0.483	0.646	0.712
3261	32.60	0.644	0.455	0.198	-0.055	-0.246	-0.350	-0.382	-0.375	-0.364	-0.358
3271	32.70	-0.365	-0.299	-0.206	-0.082	0.031	0.076	0.014	-0.152	-0.378	-0.566
3281	32.80	-0.706	-0.700	-0.583	-0.407	-0.237	-0.120	-0.062	-0.035	0.005	0.086
3291	32.90	0.201	0.311	0.368	0.340	0.234	0.097	-0.011	-0.039	0.023	0.141
3301	33.00	0.253	0.299	0.249	0.117	-0.050	-0.199	-0.290	-0.318	-0.307	-0.290
3311	33.10	-0.288	-0.300	-0.297	-0.250	-0.141	0.017	0.181	0.297	0.318	0.228
3321	33.20	0.047	-0.176	-0.378	-0.511	-0.545	-0.483	-0.346	-0.171	0.010	0.170
3331	33.30	0.291	0.366	0.392	0.374	0.319	0.239	0.151	0.074	0.024	0.012
3341	33.40	0.040	0.100	0.178	0.255	0.317	0.354	0.371	0.376	0.381	0.391
3351	33.50	0.399	0.385	0.328	0.211	0.039	-0.159	-0.333	-0.453	-0.424	-0.306
3361	33.60	-0.193	0.095	0.254	0.321	0.289	0.183	0.048	-0.071	-0.149	-0.178
3371	33.70	-0.169	-0.134	-0.075	0.008	0.119	0.248	0.362	0.426	0.407	0.298
3381	33.80	0.129	-0.044	-0.158	-0.175	-0.098	0.018	0.105	0.102	-0.011	-0.195
3391	33.90	-0.373	-0.464	-0.414	-0.227	0.036	0.287	0.445	0.465	0.357	0.168
3401	34.00	-0.038	-0.211	-0.330	-0.405	-0.454	-0.491	-0.511	-0.491	-0.409	-0.256
3411	34.10	-0.054	0.154	0.315	0.388	0.359	0.248	0.095	-0.054	-0.168	-0.237
3421	34.20	-0.274	-0.299	-0.324	-0.348	-0.349	-0.302	-0.185	-0.001	0.224	0.442
3431	34.30	0.599	0.652	0.584	0.410	0.171	-0.077	-0.284	-0.416	-0.463	-0.438
3441	34.40	-0.362	-0.262	-0.155	-0.053	0.037	0.106	0.144	0.139	0.091	0.015
3451	34.50	-0.062	-0.100	-0.072	0.030	0.181	0.330	0.418	0.402	0.272	0.064
3461	34.60	-0.160	-0.327	-0.384	-0.312	-0.135	0.100	0.338	0.528	0.653	0.709
3471	34.70	0.705	0.649	0.550	0.411	0.244	0.064	-0.104	-0.240	-0.334	-0.388
3481	34.80	-0.418	-0.442	-0.466	-0.484	-0.477	-0.429	-0.338	-0.219	-0.106	-0.030
3491	34.90	-0.005	-0.023	-0.052	-0.056	-0.019	0.049	0.110	0.117	0.042	-0.168

Table 7-11-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1923 S615-GR-1-11 U-D (U-D) SUGESAWA DAM MAX. ACC. = -34.781 (GAL) T= 2.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.280	-0.409	-0.433	-0.328	-0.123	0.112	0.292	0.354	0.281	0.107
3511	35.10	-0.102	-0.276	-0.370	-0.381	-0.343	-0.291	-0.272	-0.293	-0.334	-0.358
3521	35.20	-0.328	-0.223	-0.051	0.160	0.368	0.531	0.616	0.606	0.502	0.321
3531	35.30	0.095	-0.136	-0.329	-0.451	-0.487	-0.441	-0.339	-0.216	-0.101	-0.008
3541	35.40	0.070	0.168	0.239	0.339	0.423	0.454	0.400	0.259	0.062	-0.129
3551	35.50	-0.248	-0.249	-0.127	0.071	0.283	0.440	0.507	0.491	0.433	0.382
3561	35.60	0.368	0.384	0.393	0.369	0.224	0.033	-0.171	-0.318	-0.353	-0.265
3571	35.70	-0.094	0.086	0.199	0.192	0.092	-0.073	-0.228	-0.319	-0.326	-0.272
3581	35.80	-0.199	-0.152	-0.147	-0.175	-0.203	-0.202	-0.160	-0.087	-0.009	0.051
3591	35.90	0.087	0.110	0.140	0.191	0.256	0.308	0.317	0.267	0.170	0.066
3601	36.00	0.004	0.017	0.102	0.216	0.296	0.287	0.170	-0.024	-0.232	-0.382
3611	36.10	-0.428	-0.373	-0.259	-0.149	-0.095	-0.111	-0.171	-0.225	-0.226	-0.156
3621	36.20	-0.034	0.095	0.178	0.184	0.114	-0.002	-0.119	-0.203	-0.234	-0.218
3631	36.30	-0.173	-0.115	-0.052	0.017	0.098	0.191	0.289	0.377	0.440	0.470
3641	36.40	0.468	0.443	0.404	0.360	0.311	0.257	0.200	0.147	0.105	0.082
3651	36.50	0.076	0.077	0.071	0.049	0.014	-0.022	-0.041	-0.035	-0.009	0.015
3661	36.60	0.010	-0.061	-0.133	-0.237	-0.312	-0.324	-0.266	-0.161	-0.057	-0.004
3671	36.70	-0.026	-0.119	-0.242	-0.346	-0.394	-0.376	-0.316	-0.253	-0.220	-0.230
3681	36.80	-0.287	-0.299	-0.298	-0.256	-0.189	-0.130	-0.107	-0.129	-0.176	-0.212
3691	36.90	-0.201	-0.128	-0.007	0.124	0.221	0.254	0.224	0.157	0.093	0.069
3701	37.00	0.099	0.189	0.250	0.304	0.306	0.218	0.142	0.009	-0.130	-0.256
3711	37.10	-0.361	-0.438	-0.482	-0.489	-0.451	-0.370	-0.253	-0.114	0.017	0.118
3721	37.20	0.184	0.144	0.056	-0.082	-0.238	-0.388	-0.430	-0.389	-0.236	0.016
3731	37.30	0.313	0.592	0.791	0.866	0.810	0.653	0.449	0.256	0.114	0.035
3741	37.40	0.003	-0.013	-0.042	-0.095	-0.141	-0.216	-0.232	-0.198	-0.121	-0.026
3751	37.50	0.057	0.102	0.103	0.066	0.010	-0.045	-0.085	-0.107	-0.112	-0.107
3761	37.60	-0.021	-0.069	-0.038	0.008	0.058	0.108	0.150	0.181	0.202	0.218
3771	37.70	0.231	0.238	0.232	0.202	0.144	0.063	-0.022	-0.085	-0.101	-0.056
3781	37.80	0.018	0.186	0.321	0.415	0.447	0.393	0.281	0.143	0.008	-0.099
3791	37.90	-0.157	-0.170	-0.153	-0.126	-0.106	-0.105	-0.121	-0.140	-0.205	-0.252
3801	38.00	-0.293	-0.321	-0.328	-0.309	-0.262	-0.192	-0.114	-0.047	-0.014	-0.028
3811	38.10	-0.087	-0.176	-0.265	-0.322	-0.328	-0.278	-0.189	-0.090	-0.008	0.041
3821	38.20	0.058	0.059	0.083	0.083	0.117	0.148	0.156	0.126	0.066	-0.010
3831	38.30	-0.066	-0.080	-0.044	0.022	0.105	0.161	0.177	0.157	0.121	0.096
3841	38.40	0.098	0.128	0.162	0.181	0.166	0.122	0.075	0.045	0.048	0.113
3851	38.50	0.247	0.339	0.380	0.369	0.255	0.135	0.034	-0.011	0.008	0.072
3861	38.60	0.140	0.172	0.147	0.077	-0.004	-0.054	-0.044	0.027	0.127	0.209
3871	38.70	0.228	0.166	0.037	-0.114	-0.234	-0.281	-0.244	-0.145	-0.028	0.061
3881	38.80	0.094	0.072	0.021	-0.024	-0.038	-0.019	0.014	0.025	-0.013	-0.108
3891	38.90	-0.238	-0.383	-0.436	-0.428	-0.334	-0.178	-0.001	0.155	0.260	0.303
3901	39.00	0.285	0.215	0.105	-0.036	-0.194	-0.346	-0.457	-0.492	-0.423	-0.262
3911	39.10	-0.015	0.225	0.394	0.439	0.342	0.135	-0.113	-0.325	-0.444	-0.451
3921	39.20	-0.371	-0.259	-0.170	-0.138	-0.145	-0.224	-0.278	-0.301	-0.284	-0.243
3931	39.30	-0.204	-0.185	-0.191	-0.209	-0.219	-0.206	-0.168	-0.120	-0.082	-0.066
3941	39.40	-0.072	-0.083	-0.078	-0.041	0.027	0.110	0.180	0.214	0.207	0.168
3951	39.50	0.125	0.101	0.108	0.140	0.175	0.190	0.170	0.117	0.055	0.011
3961	39.60	0.010	0.081	0.154	0.265	0.363	0.427	0.447	0.423	0.368	0.295
3971	39.70	0.216	0.140	0.049	0.009	-0.010	-0.074	-0.099	-0.098	-0.083	-0.046
3981	39.80	0.021	0.119	0.244	0.377	0.488	0.538	0.499	0.363	0.153	-0.077
3991	39.90	-0.262	-0.342	-0.292	-0.151	0.085	0.279	0.384	0.370	0.251	0.079

Table 7-11-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1923 5615-GR-1-11 U-D (U-D) SUGESAWA DAM MAX. ACC. = -36.781 (GAL) T= 2.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.075	-0.159	-0.151	-0.072	0.027	0.093	0.089	0.010	-0.117	-0.249
4011	40.10	-0.349	-0.397	-0.397	-0.371	-0.342	-0.325	-0.317	-0.306	-0.281	-0.238
4021	40.20	-0.189	-0.152	-0.146	-0.170	-0.214	-0.251	-0.250	-0.194	-0.087	0.047
4031	40.30	0.175	0.263	0.290	0.257	0.177	0.073	-0.034	-0.131	-0.211	-0.270
4041	40.40	-0.301	-0.294	-0.239	-0.132	0.021	0.196	0.365	0.492	0.553	0.538
4051	40.50	0.455	0.325	0.176	0.036	-0.073	-0.140	-0.160	-0.137	-0.082	-0.009
4061	40.60	0.061	0.108	0.116	0.073	-0.010	-0.114	-0.212	-0.273	-0.277	-0.218
4071	40.70	-0.109	0.026	0.152	0.243	0.282	0.266	0.209	0.133	0.064	0.021
4081	40.80	0.014	0.040	0.086	0.132	0.157	0.149	0.106	0.041	-0.024	-0.062
4091	40.90	-0.054	0.003	0.097	0.197	0.266	0.273	0.205	0.073	-0.092	-0.245
4101	41.00	-0.346	-0.368	-0.310	-0.195	-0.060	0.053	0.115	0.116	0.064	-0.015
4111	41.10	-0.093	-0.146	-0.167	-0.160	-0.141	-0.127	-0.130	-0.154	-0.188	-0.219
4121	41.20	-0.230	-0.214	-0.170	-0.109	-0.045	0.007	0.0			

Table 7－12－1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1924 S615-GR-1-11 HB. (HB.) SUGESAWA DAM MAX. ACC. = 87.218 (GAL) T= 2.21 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	3.913	3.733	3.523	3.495	3.687	3.962	4.102	3.948	3.499	2.912
11	0.10	2.395	2.060	1.836	1.489	0.771	-0.400	-1.816	-3.019	-3.496	-2.967
21	0.20	-1.489	0.327	1.718	2.012	0.977	-1.026	-3.165	-4.474	-4.266	-2.445
31	0.30	0.442	3.421	5.482	5.968	4.798	2.451	-0.268	-2.553	-3.875	-4.106
41	0.40	-3.481	-2.432	-1.403	-0.705	-0.465	-0.639	-1.070	-1.557	-1.908	-1.988
51	0.50	-1.750	-1.247	-0.818	-0.033	0.377	0.584	0.669	0.765	0.967	1.243
61	0.60	1.419	1.263	0.630	-0.400	-1.899	-2.146	-1.947	-0.772	1.065	2.890
71	0.70	3.925	3.630	1.968	-0.531	-2.966	-4.438	-4.427	-3.014	-0.836	1.205
81	0.80	2.338	2.252	1.202	-0.146	-1.036	-0.977	0.057	1.643	3.138	3.979
91	0.90	3.932	3.154	2.065	1.105	0.494	0.132	-0.325	-1.235	-2.726	-4.541
101	1.00	-6.093	-6.693	-5.870	-3.642	-0.575	2.389	4.297	4.581	3.305	1.150
111	1.10	-0.881	-1.898	-1.517	-0.019	1.803	3.027	3.044	1.846	0.002	-1.638
121	1.20	-2.376	-2.013	-0.927	0.152	0.548	0.015	-1.134	-2.190	-2.452	-1.620
131	1.30	0.013	1.693	2.591	2.250	0.841	-0.892	-2.006	-1.832	-0.325	1.893
141	1.40	3.821	4.557	3.706	1.549	-1.127	-3.610	-4.693	-4.911	-4.511	-4.183
151	1.50	-4.495	-5.609	-7.206	-8.617	-9.097	-8.117	-5.553	-1.750	2.583	6.563
161	1.60	9.393	10.592	10.161	8.600	6.748	5.473	5.300	6.129	7.202	7.359
171	1.70	5.546	1.324	-4.802	-11.495	-17.047	-20.049	-19.929	-17.119	-12.743	-8.029
181	1.80	-5.727	0.125	3.975	8.205	12.589	16.115	17.325	15.043	9.116	0.736
191	1.90	-7.858	-14.288	-16.934	-15.678	-11.827	-7.430	-4.292	-3.204	-3.774	-4.922
201	2.00	-5.721	-6.094	-6.952	-9.682	-15.274	-23.575	-33.104	-41.556	-46.725	-47.357
211	2.10	-43.484	-36.077	-26.277	-14.668	-1.074	14.982	33.413	52.827	70.444	82.830
221	2.20	87.218	82.755	71.062	55.749	41.064	30.273	24.528	22.721	22.349	20.919
231	2.30	17.190	11.658	6.101	2.497	1.689	3.788	6.356	7.230	6.538	-2.396
241	2.40	-12.906	-25.355	-37.725	-48.107	-54.915	-56.914	-53.269	-43.780	-29.266	-11.827
251	2.50	5.328	18.456	25.467	25.044	19.080	11.103	4.994	3.220	5.623	9.435
261	2.60	10.617	5.968	-5.013	-19.468	-32.177	-37.838	-33.606	-20.668	-4.011	9.602
271	2.70	14.581	9.034	-4.313	-19.256	-28.796	-28.129	-16.597	2.255	22.425	38.099
281	2.80	45.906	45.779	40.182	32.286	24.183	16.091	6.897	-4.395	-17.273	-29.282
291	2.90	-36.914	-37.382	-30.315	-16.352	-6.208	1.437	2.178	-2.927	-9.874	-13.742
301	3.00	-11.241	-2.459	9.092	18.190	20.524	14.882	3.797	-7.695	-14.532	-14.094
311	3.10	-7.399	1.541	7.831	8.181	2.479	-6.304	-13.744	-16.255	-12.819	-5.314
321	3.20	2.652	7.692	8.331	5.550	2.000	0.392	1.986	6.012	10.231	12.297
331	3.30	11.065	7.125	2.316	-1.450	-3.317	-3.892	-4.708	-7.064	-10.971	-14.868
341	3.40	-16.212	-13.004	-4.845	6.502	17.750	25.498	27.725	24.605	16.249	11.550
351	3.50	6.753	4.486	3.709	2.548	-0.536	-5.847	-12.321	-18.150	-21.766	-22.629
361	3.60	-21.391	-19.398	-17.875	-17.263	-17.086	-16.378	-14.374	-11.040	-7.116	-3.068
371	3.70	-1.414	-0.251	0.738	2.776	6.672	12.280	16.449	23.689	25.921	25.116
381	3.80	21.520	16.388	11.210	7.140	4.701	3.857	4.313	5.808	8.205	11.342
391	3.90	14.789	17.725	19.081	17.934	13.959	7.676	0.353	-6.456	-11.489	-14.236
401	4.00	-15.022	-14.729	-14.287	-14.222	-14.480	-14.589	-14.044	-12.685	-10.850	-9.222
411	4.10	-8.458	-8.808	-9.923	-10.969	-10.981	-9.296	-5.865	-1.181	3.761	8.054
421	4.20	11.116	12.875	13.623	14.008	14.222	14.305	13.902	12.500	9.730	5.623
431	4.30	0.706	-4.107	-7.816	-9.687	-9.523	-7.734	-5.155	-2.708	-1.023	-0.207
441	4.40	0.129	0.603	1.672	3.309	4.930	5.617	4.560	1.507	-3.013	-7.801
451	4.50	-11.435	-12.828	-11.655	-8.446	-4.302	-0.395	2.522	4.332	5.430	6.343
461	4.60	7.324	8.161	8.288	7.148	4.582	1.014	-2.685	-5.592	-7.173	-7.518
471	4.70	-7.243	-7.105	-7.543	-8.408	-9.036	-8.633	-6.753	-3.609	-0.020	2.967
481	4.80	4.609	4.826	4.215	3.686	3.934	5.018	6.314	6.842	5.828	3.172
491	4.90	-0.426	-3.754	-5.651	-5.552	-3.716	-1.052	1.377	2.874	3.402	3.486

Table 7－12－2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1924 S615-GR-1-11 HB. (HB.) SUGESAWA DAM MAX. ACC. = 87.218 (GAL) T= 2.21 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	3.815	4.775	6.186	7.384	7.594	6.377	3.891	0.825	-1.962	-3.879
511	5.10	-4.869	-5.364	-5.947	-6.923	-8.067	-8.656	-7.977	-5.521	-1.571	2.954
521	5.20	6.837	9.089	9.369	8.091	6.175	4.581	3.869	4.001	4.663	4.612
531	5.30	4.046	2.791	1.229	-0.168	-1.131	-1.740	-2.340	-3.298	-4.729	-6.380
541	5.40	-7.713	-8.172	-7.456	-5.685	-3.341	-1.049	0.693	1.703	2.114	2.225
551	5.50	2.295	2.387	2.367	2.017	1.214	0.055	-1.143	-1.980	-2.102	-1.404
561	5.60	-0.058	1.545	2.928	3.686	3.610	2.737	1.343	-0.137	-1.221	-1.520
571	5.70	-0.873	0.571	2.353	3.836	4.426	3.821	2.171	0.068	-1.668	-2.330
581	5.80	-1.649	0.054	1.980	3.191	3.039	1.474	-0.916	-3.154	-4.319	-3.960
591	5.90	-2.290	-0.074	1.737	2.431	1.832	0.322	-1.397	-2.662	-3.141	-2.915
601	6.00	-2.336	-1.761	-1.317	-0.843	-0.030	1.337	3.164	5.011	6.256	6.380
611	6.10	5.224	3.091	0.622	-1.483	-2.761	-3.165	-3.030	-2.880	-3.157	-4.018
621	6.20	-5.287	-6.554	-7.343	-7.392	-6.535	-4.892	-2.697	-0.244	2.150	4.152
631	6.30	5.430	5.710	4.884	3.111	0.855	-1.202	-2.376	-2.237	-0.815	1.362
641	6.40	3.432	4.508	4.021	1.950	-1.150	-4.349	-6.670	-7.434	-6.483	-4.205
651	6.50	-1.373	1.125	2.575	2.626	1.348	-0.831	-3.304	-5.463	-6.862	-7.301
661	6.60	-6.834	-5.712	-4.275	-2.847	-1.647	-0.756	-0.130	0.341	0.758	1.169
671	6.70	1.550	1.841	1.994	2.029	2.042	2.181	2.590	3.346	4.419	5.672
681	6.80	6.894	7.862	8.391	8.379	7.832	6.862	5.674	4.522	3.654	3.232
691	6.90	3.276	3.630	4.003	4.071	3.607	2.597	1.263	-0.004	-0.815	-0.951
701	7.00	-0.479	0.270	0.847	0.893	0.309	-0.704	-1.748	-2.442	-2.614	-2.385
711	7.10	-2.098	-2.113	-2.594	-3.404	-4.164	-4.463	-4.104	-3.244	-2.347	-1.961
721	7.20	-2.427	-3.667	-5.183	-6.273	-6.359	-5.275	-3.357	-1.283	0.249	0.851
731	7.30	0.621	0.055	-0.240	0.121	1.075	2.147	2.697	2.281	0.916	-0.881
741	7.40	-2.312	-2.672	-1.686	0.362	2.654	4.379	4.905	4.137	2.499	0.705
751	7.50	-0.584	-1.952	-0.834	-0.397	-0.259	-0.752	-1.769	-2.900	-3.595	-3.441
761	7.60	-2.374	-0.715	0.966	2.106	2.385	1.868	0.956	0.196	0.525	0.562
771	7.70	1.551	2.469	2.762	2.112	0.600	-1.291	-2.870	-3.498	-2.888	-1.232
781	7.80	0.861	2.601	3.330	2.787	1.195	-0.854	-2.654	-3.679	-3.759	-3.090
791	7.90	-2.069	-1.074	-0.286	0.342	0.970	1.695	2.414	2.833	2.620	1.629
801	8.00	0.064	-1.533	-2.471	-2.224	-0.698	1.676	4.097	5.720	6.027	5.040
811	8.10	3.297	1.591	0.596	0.574	1.285	2.144	2.533	2.099	0.908	-0.625
821	8.20	-1.970	-2.744	-2.884	-2.609	-2.260	-1.071	-0.242	-1.955	-3.540	-4.682
831	8.30	0.458	1.481	1.937	1.563	0.453	-0.955	-2.063	-2.385	-1.783	-0.536
841	8.40	0.734	1.569	1.453	0.456	-1.043	-2.500	-3.451	-3.696	-3.343	-2.682
851	8.50	-2.016	-1.498	-1.081	-0.598	0.093	0.982	1.877	2.497	2.621	2.234
861	8.60	1.560	0.971	0.811	1.214	2.022	2.842	3.223	2.871	1.792	0.306
871	8.70	-1.098	-1.969	-2.097	-1.594	-0.831	-0.270	-0.252	-0.866	-1.918	-3.037
881	8.80	-3.828	-4.027	-3.579	-2.619	-1.400	-0.189	0.792	1.101	1.566	1.278
891	8.90	0.600	-0.317	-1.228	-1.830	-1.849	-1.158	0.140	1.698	3.014	3.607
901	9.00	3.203	1.866	-0.005	-1.802	-2.924	-2.991	-1.978	-0.205	1.786	3.431
911	9.10	4.328	4.360	3.595	2.400	1.103	-0.014	-0.803	-1.257	-1.460	-1.534
921	9.20	-1.577	-1.630	-1.667	-1.605	-1.340	-0.786	0.079	1.178	2.338	3.325
931	9.30	3.909	3.946	3.439	2.546	1.523	0.651	0.120	-0.033	0.080	0.248
941	9.40	0.261	-0.007	-0.553	-1.259	-1.955	-2.484	-2.769	-2.817	-2.699	-2.504
951	9.50	-2.305	-2.140	-2.011	-1.903	-1.792	-1.644	-1.415	-1.051	-0.509	0.223
961	9.60	1.092	1.975	2.707	3.126	3.138	2.757	2.104	1.365	0.722	0.208
971	9.70	0.070	-0.011	-0.079	-0.227	-0.478	-0.773	-0.999	-1.051	-0.879	-0.518
981	9.80	-0.069	0.338	0.596	0.660	0.558	0.371	0.197	0.114	0.159	0.323
991	9.90	0.562	0.819	1.034	1.153	1.133	0.940	0.562	0.020	-0.619	-1.242

Table 7-12-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1924 S615-GR-1-11 HB. (HB.) SUGESAWA DAM MAX. ACC. = 87.218 (GAL) T= 2.21 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-1.711	-1.901	-1.742	-1.253	-0.548	0.197	0.800	1.138	1.194	1.059
1011	10.10	0.891	0.843	0.979	1.228	1.398	1.229	0.508	-0.839	-2.682	-4.689
1021	10.20	-6.407	-7.391	-7.333	-6.176	-4.139	-1.669	0.684	2.422	3.248	3.150
1031	10.30	2.399	1.449	0.774	0.696	1.264	2.233	3.161	3.583	3.206	2.045
1041	10.40	0.432	-1.104	-2.049	-2.111	-1.349	-0.141	0.978	1.555	1.420	0.759
1051	10.50	0.023	-0.296	0.095	1.129	2.383	3.261	3.258	2.195	0.321	-1.777
1061	10.60	-3.408	-4.052	-3.580	-2.253	-0.625	0.709	1.344	1.194	0.474	-0.461
1071	10.70	-1.188	-1.565	-1.558	-1.303	-0.957	-0.660	-0.401	-0.150	0.134	0.437
1081	10.80	0.687	0.796	0.711	0.455	0.112	-0.219	-0.680	-0.678	-0.868	-1.095
1091	10.90	-1.336	-1.502	-1.461	-1.143	-0.603	-0.036	0.295	0.102	-0.402	-1.251
1101	11.00	-1.981	-2.186	-1.613	-0.294	1.449	3.125	4.267	4.615	4.201	3.309
1111	11.10	2.324	1.571	1.179	1.087	1.124	1.125	1.030	0.888	0.800	0.816
1121	11.20	0.887	0.872	0.634	0.139	-0.485	-0.983	-1.089	-0.670	0.186	1.184
1131	11.30	1.942	2.170	1.797	1.008	0.141	-0.480	-0.702	-0.613	-0.473	-0.557
1141	11.40	-0.985	-1.636	-2.191	-2.287	-1.712	-0.538	0.880	2.040	2.494	2.043
1151	11.50	0.812	-0.813	-2.350	-3.423	-3.891	-3.868	-3.630	-3.458	-3.498	-3.697
1161	11.60	-3.833	-3.624	-2.854	-1.473	0.376	2.398	4.229	5.538	6.107	5.875
1171	11.70	4.954	3.589	2.110	0.856	0.086	-0.083	0.282	0.943	1.560	1.799
1181	11.80	1.447	0.504	-0.806	-2.094	-2.932	-3.012	-2.259	-0.881	0.686	1.924
1191	11.90	2.409	1.963	0.731	-0.884	-2.266	-2.982	-2.757	-1.668	-0.085	1.462
1201	12.00	2.485	2.710	2.151	1.078	-0.123	-1.117	-1.743	-2.052	-2.228	-2.468
1211	12.10	-2.862	-3.340	-3.713	-3.781	-3.441	-2.751	-1.903	-1.125	-0.568	-0.233
1221	12.20	0.024	0.405	1.053	1.961	2.950	3.744	4.083	3.835	3.060	1.979
1231	12.30	0.891	0.056	-0.392	-0.470	-0.322	-0.140	-0.095	-0.277	-0.676	-1.200
1241	12.40	-1.705	-2.045	-2.152	-1.867	-1.355	-0.695	-0.045	0.452	0.716	0.760
1251	12.50	0.678	0.596	0.607	0.722	0.863	0.905	0.752	0.385	0.097	-0.541
1261	12.60	-0.807	-0.843	-0.711	-0.555	-0.509	-0.621	-0.812	-0.918	-0.781	-0.542
1271	12.70	0.309	0.969	1.422	1.556	1.419	1.198	1.111	1.279	1.639	1.965
1281	12.80	1.968	1.456	0.446	-0.811	-1.923	-2.516	-2.393	-1.614	-0.471	0.627
1291	12.90	1.305	1.347	0.740	-0.345	-1.625	-2.789	-3.565	-3.760	-3.297	-2.240
1301	13.00	-0.803	0.678	1.813	2.281	1.950	0.950	-0.346	-1.446	-1.924	-1.592
1311	13.10	-0.580	0.715	1.791	2.248	1.942	1.033	-0.106	-1.044	-1.462	-1.242
1321	13.20	-0.473	0.632	1.831	2.927	3.783	4.306	4.419	4.069	3.261	2.104
1331	13.30	0.820	-0.298	-0.984	-1.102	-0.709	-0.041	0.576	0.861	0.676	0.075
1341	13.40	-0.743	-1.525	-2.065	-2.262	-2.130	-1.749	-1.221	-0.626	-0.023	0.539
1351	13.50	1.008	1.330	1.466	1.417	1.219	0.929	0.591	0.212	-0.224	-0.729
1361	13.60	-1.265	-1.726	-1.967	-1.863	-1.580	-0.615	0.236	0.951	1.377	1.489
1371	13.70	1.390	1.232	1.131	1.096	1.043	0.856	0.492	0.030	-0.350	-0.462
1381	13.80	-0.235	0.213	0.608	0.642	0.161	-0.813	-1.890	-2.638	-2.695	-1.972
1391	13.90	-0.714	0.588	1.414	1.441	0.687	-0.504	-1.621	-2.214	-2.078	-1.314
1401	14.00	-0.250	0.729	1.359	1.576	1.504	1.336	1.211	1.143	1.033	0.751
1411	14.10	0.242	-0.426	-1.076	-1.512	-1.611	-1.391	-0.999	-0.660	-0.482	-0.583
1421	14.20	-0.877	-1.218	-1.455	-1.699	-1.342	-1.040	-0.668	-0.274	0.127	0.535
1431	14.30	0.933	1.225	1.322	1.103	0.517	-0.375	-1.397	-2.297	-2.822	-2.813
1441	14.40	-2.261	-1.320	-0.256	0.638	1.146	1.199	0.893	0.445	0.097	0.021
1451	14.50	0.242	0.629	0.950	0.976	0.588	-0.155	-1.027	-1.711	-1.926	-1.546
1461	14.60	-0.656	0.470	1.462	1.995	1.904	1.235	0.227	-0.782	-1.468	-1.620
1471	14.70	-1.192	-0.290	0.871	2.037	2.980	3.537	3.635	3.300	2.639	1.822
1481	14.80	1.034	0.430	0.085	-0.026	-0.012	-0.029	-0.198	-0.548	-1.001	-1.397
1491	14.90	-1.567	-1.410	-0.944	-0.308	0.300	0.699	0.800	0.635	0.329	0.039

Table 7-12-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1924 S615-GR-1-11 HB. (HB.) SUGESAWA DAM MAX. ACC. = 87.218 (GAL) T= 2.21 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.117	-0.101	0.046	0.247	0.436	0.592	0.736	0.893	1.059	1.169
1511	15.10	1.122	0.819	0.229	-0.573	-1.416	-2.078	-2.366	-2.187	-1.588	-0.739
1521	15.20	0.129	0.798	1.140	1.147	0.913	0.584	0.287	0.077	-0.079	-0.283
1531	15.30	-0.665	-1.217	-1.952	-2.691	-3.210	-3.293	-2.819	-1.821	-0.494	0.851
1541	15.40	1.886	2.368	2.219	1.550	0.614	-0.284	-0.891	-1.089	-0.916	-0.535
1551	15.50	-0.154	0.054	0.015	-0.235	-0.574	-0.853	-0.952	-0.818	-0.470	0.016
1561	15.60	0.537	0.994	1.314	1.443	1.361	1.075	0.625	0.080	-0.462	-0.893
1571	15.70	-1.117	-1.087	-0.819	-0.394	0.058	0.406	0.561	0.515	0.343	0.181
1581	15.80	0.170	0.401	0.863	1.444	1.959	2.219	2.108	1.629	0.909	0.161
1591	15.90	-0.403	-0.647	-0.561	-0.259	0.075	0.265	0.216	-0.050	-0.412	-0.710
1601	16.00	-0.616	-0.683	-0.364	0.018	0.326	0.457	0.377	0.121	-0.233	-0.592
1611	16.10	-0.875	-1.026	-1.017	-0.850	-0.552	-0.184	0.170	0.422	0.510	0.428
1621	16.20	0.238	0.057	0.006	0.156	0.490	0.892	1.190	1.228	0.936	0.368
1631	16.30	-0.314	-0.900	-1.209	-1.165	-0.810	-0.284	0.238	0.613	0.273	0.735
1641	16.40	0.571	0.375	0.218	0.157	0.130	0.165	0.197	0.172	0.046	-0.204
1651	16.50	-0.561	-0.957	-1.282	-1.411	-1.256	-0.809	-0.169	0.491	0.976	1.160
1661	16.60	1.033	0.713	0.395	0.253	0.361	0.652	0.946	1.041	0.812	0.278
1671	16.70	-0.396	-0.977	-1.265	-1.182	-0.807	-0.331	0.035	0.157	0.029	-0.236
1681	16.80	-0.474	-0.552	-0.428	-0.163	0.127	0.325	0.366	0.253	0.028	-0.259
1691	16.90	-0.581	-0.926	-1.275	-1.572	-1.717	-1.602	-1.169	-0.455	0.385	1.125
1701	17.00	1.548	1.535	1.121	0.476	-0.152	-0.568	-0.686	-0.566	-0.370	-0.268
1711	17.10	-0.353	-0.592	-0.854	-0.977	-0.860	-0.511	-0.048	0.367	0.603	0.628
1721	17.20	0.512	0.390	0.379	0.517	0.746	0.941	0.986	0.837	0.552	0.267
1731	17.30	0.128	0.218	0.508	0.870	1.130	1.146	0.871	0.371	-0.208	-0.704
1741	17.40	-1.003	-1.074	-0.963	-0.755	-0.523	-0.300	-0.072	0.191	0.500	0.828
1751	17.50	1.109	1.269	1.261	1.092	0.824	0.549	0.349	0.265	0.281	0.341
1761	17.60	0.375	0.317	0.220	0.053	-0.117	-0.250	-0.332	-0.371	-0.400	-0.429
1771	17.70	-0.459	-0.469	-0.427	-0.353	-0.224	-0.106	0.035	0.169	0.187	0.151
1781	17.80	0.047	-0.324	-0.750	-1.124	-1.358	-1.389	-1.201	-0.835	-0.385	0.022
1791	17.90	0.271	0.297	0.113	-0.188	-0.466	-0.584	-0.471	-0.146	0.276	0.630
1801	18.00	0.758	0.576	0.098	-0.566	-1.250	-1.793	-2.083	-2.083	-1.824	-1.377
1811	18.10	-0.825	-0.238	0.327	0.826	1.216	1.456	1.526	1.422	1.183	0.865
1821	18.20	0.526	0.209	-0.074	-0.350	-0.563	-0.758	-0.874	-0.866	-0.714	-0.459
1831	18.30	-0.197	-0.055	-0.124	-0.411	-0.811	-1.122	-1.272	-1.006	-0.606	-0.191
1841	18.40	1.763	2.218	2.149	1.589	0.738	-0.127	-0.763	-1.048	-1.008	-0.780
1851	18.50	-0.523	-0.344	-0.257	-0.199	-0.090	0.111	0.382	0.655	0.864	0.996
1861	18.60	1.096	1.236	1.460	1.728	1.915	1.856	1.438	0.673	-0.279	-1.144
1871	18.70	-1.649	-1.624	-1.078	-0.198	0.732	1.444	1.783	1.752	1.479	1.135
1881	18.80	0.850	0.658	0.494	0.263	-0.116	-0.613	-1.251	-1.816	-2.211	-2.350
1891	18.90	-2.203	-1.790	-1.169	-0.427	0.325	0.959	1.341	1.370	1.018	0.354
1901	19.00	-0.206	-1.086	-1.392	-1.293	-0.821	-0.174	0.387	0.666	0.518	0.083
1911	19.10	-0.455	-0.855	-0.944	-0.678	-0.156	0.441	0.926	1.184	1.204	11063
1921	19.20	0.882	0.784	0.762	0.866	1.021	1.153	1.192	1.087	0.817	0.395
1931	19.30	-0.129	-0.680	-1.082	-1.205	-1.210	-0.878	-0.402	0.043	0.289	0.236
1941	19.40	-0.102	-0.600	-1.071	-1.349	-1.353	-1.115	-0.756	-0.423	-0.214	-0.143
1951	19.50	-0.144	-0.123	-0.011	0.177	0.378	0.489	0.441	0.236	-0.054	-0.326
1961	19.60	-0.699	-0.556	-0.528	-0.528	-0.527	-0.480	-0.766	-0.742	-0.545	-0.193
1971	19.70	0.221	0.558	0.707	0.635	0.506	0.185	-0.027	-0.050	0.043	0.154
1981	19.80	0.176	0.061	-0.155	-0.368	-0.468	-0.403	-0.218	-0.036	0.004	-0.173
1991	19.90	-0.527	-0.909	-1.121	-1.016	-0.566	0.109	0.786	1.236	1.319	1.044

Table 7-12-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1924 S615-GR-1-11 HB. (HB.) SUGESAWA DAM MAX. ACC. = 87.218 (GAL) T= 2.21 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.555	0.073	-0.212	-0.211	0.031	0.365	0.614	0.649	0.440	0.065
2011	20.10	-0.333	-0.606	-0.649	-0.437	-0.020	0.504	1.018	1.414	1.618	1.592
2021	20.20	1.342	0.919	0.416	-0.052	-0.369	-0.458	-0.310	0.000	0.326	0.491
2031	20.30	0.355	-0.140	-0.910	-1.760	-2.620	-2.630	-2.231	-1.224	-0.206	1.738
2041	20.40	3.000	3.682	3.630	2.897	1.729	0.440	-0.612	-1.225	-1.360	-1.147
2051	20.50	-0.807	-0.548	-0.483	-0.582	-0.711	-0.701	-0.444	0.048	0.638	1.125
2061	20.60	1.325	1.152	0.646	-0.043	-0.731	-1.265	-1.579	-1.694	-1.686	-1.629
2071	20.70	-1.561	-1.466	-1.307	-1.053	-0.715	-0.345	-0.018	0.209	0.317	0.331
2081	20.80	0.304	0.288	0.314	0.385	0.488	0.616	0.771	0.956	1.161	1.340
2091	20.90	1.422	1.326	1.006	0.483	-0.149	-0.746	-1.160	-1.296	-1.140	-0.758
2101	21.00	-0.259	0.244	0.675	1.000	1.211	1.302	1.250	1.026	0.620	0.072
2111	21.10	-0.514	-0.992	-1.224	-1.141	-0.778	-0.274	0.177	0.403	0.320	-0.031
2121	21.20	-0.500	-0.892	-1.039	-0.871	-0.434	0.125	0.623	0.899	0.875	0.572
2131	21.30	0.097	-0.398	-0.760	-0.889	-0.752	-0.398	0.069	0.514	0.817	0.906
2141	21.40	0.780	0.511	0.217	0.025	0.021	0.218	0.346	0.877	1.068	1.019
2151	21.50	0.708	0.200	-0.380	-0.892	-1.234	-1.370	-1.332	-1.193	-1.020	-0.841
2161	21.60	-0.635	-0.350	0.061	0.592	1.172	1.671	1.942	1.880	1.666	0.785
2171	21.70	0.005	-0.681	-1.112	-1.219	-1.038	-0.691	-0.332	-0.092	-0.029	-0.118
2181	21.80	-0.269	-0.364	-0.313	-0.076	0.321	0.804	1.278	1.659	1.888	1.937
2191	21.90	1.804	1.502	1.053	0.498	-0.150	-0.805	-1.414	-1.912	-2.252	-2.414
2201	22.00	-2.410	-2.276	-2.062	-1.815	-1.563	-1.314	-1.059	-0.777	-0.450	-0.078
2211	22.10	0.320	0.704	1.016	1.198	1.209	1.037	0.712	0.300	-0.113	-0.439
2221	22.20	-0.617	-0.628	-0.500	-0.287	-0.056	0.166	0.305	0.436	0.569	0.724
2231	22.30	0.890	1.023	1.053	0.913	0.567	0.034	-0.610	-1.248	-1.754	-2.029
2241	22.40	-2.024	-1.757	-1.296	-0.736	-0.168	0.344	0.777	1.138	1.448	1.712
2251	22.50	1.908	1.987	1.885	1.558	1.006	0.292	-0.466	-1.115	-1.527	-1.624
2261	22.60	-1.410	-0.967	-0.427	0.068	0.420	0.596	0.635	0.620	0.644	0.768
2271	22.70	0.992	1.262	1.485	1.568	1.455	1.168	0.710	0.236	-0.178	-0.470
2281	22.80	-0.634	-0.716	-0.789	-0.914	-1.110	-1.337	-1.505	-1.516	-1.300	-0.854
2291	22.90	-0.247	0.392	0.923	1.236	1.287	1.105	0.769	0.379	0.018	-0.261
2301	23.00	-0.440	-0.517	-0.500	-0.394	-0.216	-0.001	0.197	0.309	0.281	0.103
2311	23.10	-0.188	-0.505	-0.751	-0.859	-0.813	-0.659	-0.476	-0.333	-0.263	-0.245
2321	23.20	-0.226	-0.158	-0.024	0.143	0.290	0.370	0.377	0.356	0.371	0.471
2331	23.30	0.647	0.828	0.905	0.793	0.471	0.012	-0.450	-0.772	-0.873	-0.763
2341	23.40	-0.535	-0.314	-0.189	-0.171	-0.189	-0.140	0.068	0.366	0.718	0.967
2351	23.50	1.002	0.801	0.448	0.092	-0.115	-0.100	0.105	0.382	0.588	0.633
2361	23.60	0.528	0.375	0.312	0.437	0.745	1.120	1.372	1.329	0.908	0.165
2371	23.70	-0.716	-1.490	-1.932	-1.918	-1.458	-0.693	0.165	0.891	1.316	1.360
2381	23.80	1.039	0.448	-0.272	-0.965	-1.492	-1.754	-1.699	-1.338	-0.739	-0.019
2391	23.90	0.674	1.191	1.418	1.300	0.866	0.227	-0.453	-0.998	-1.274	-1.232
2401	24.00	-0.925	-0.494	-0.116	0.061	-0.029	-0.337	-0.723	-1.007	-1.043	-0.784
2411	24.10	-0.298	0.257	0.696	0.884	0.788	0.485	0.124	-0.142	-0.225	-0.130
2421	24.20	0.048	0.183	0.173	-0.006	-0.294	-0.575	-0.730	-0.698	-0.496	-0.213
2431	24.30	0.033	0.148	0.099	-0.070	-0.266	-0.381	-0.345	-0.146	0.174	0.523
2441	24.40	0.812	0.979	1.002	0.896	0.704	0.472	0.238	0.028	-0.144	-0.266
2451	24.50	-0.328	-0.322	-0.245	-0.111	0.053	0.208	0.316	0.348	0.292	0.157
2461	24.60	-0.033	-0.249	-0.458	-0.633	-0.750	-0.795	-0.760	-0.650	-0.483	-0.290
2471	24.70	-0.104	0.053	0.178	0.294	0.440	0.667	0.920	1.217	1.455	1.536
2481	24.80	1.388	1.001	0.443	-0.154	-0.639	-0.898	-0.894	-0.686	-0.398	-0.168
2491	24.90	-0.089	-0.177	-0.364	-0.540	-0.603	-0.504	-0.267	0.025	0.273	0.401

Table 7-12-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1924 S615-GR-1-11 HB. (HB.) SUGESAWA DAM MAX. ACC. = 87.218 (GAL) T= 2.21 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.382	0.243	0.042	-0.166	-0.344	-0.483	-0.588	-0.662	-0.691	-0.653
2511	25.10	-0.529	-0.321	-0.059	0.204	0.415	0.542	0.589	0.591	0.598	0.653
2521	25.20	0.926	0.928	1.085	1.185	1.181	1.045	0.773	0.383	-0.080	-0.557
2531	25.30	-0.974	-1.261	-1.368	-1.284	-1.047	-0.740	-0.461	-0.289	-0.252	-0.313
2541	25.40	-0.380	-0.353	-0.159	0.206	0.474	1.127	1.445	1.547	1.421	1.127
2551	25.50	0.763	0.435	0.217	0.135	0.170	0.270	0.371	0.415	0.354	0.166
2561	25.60	-0.143	-0.531	-0.923	-1.220	-1.331	-1.198	-0.832	-0.318	0.201	0.574
2571	25.70	0.690	0.521	0.134	-0.332	-0.720	-0.908	-0.850	-0.583	-0.204	0.171
2581	25.80	0.448	0.580	0.568	0.446	0.262	0.055	-0.144	-0.319	-0.461	-0.568
2591	25.90	-0.648	-0.717	-0.796	-0.900	-1.021	-1.124	-1.152	-1.045	-0.771	-0.345
2601	26.00	0.159	0.631	0.957	1.065	0.947	0.668	0.342	0.090	-0.002	0.090
2611	26.10	0.325	0.615	0.857	0.972	0.924	0.730	0.448	0.158	-0.070	-0.193
2621	26.20	-0.209	-0.157	-0.096	-0.088	-0.165	-0.313	-0.477	-0.578	-0.563	-0.361
2631	26.30	-0.000	0.402	0.766	1.007	1.092	1.044	0.924	0.790	0.667	0.525
2641	26.40	0.302	-0.063	-0.581	-1.191	-1.768	-2.169	-2.288	-2.096	-1.656	-1.089
2651	26.50	-0.527	-0.057	0.296	0.562	0.786	0.989	1.152	1.224	1.162	0.966
2661	26.60	0.689	0.431	0.283	0.281	0.386	0.495	0.495	0.316	-0.027	-0.439
2671	26.70	-0.781	-0.938	-0.869	-0.621	-0.304	-0.037	0.108	0.130	0.086	0.050
2681	26.80	0.065	0.119	0.148	0.084	-0.108	-0.398	-0.694	-0.886	-0.886	-0.674
2691	26.90	-0.312	0.094	0.435	0.637	0.689	0.631	0.528	0.437	0.378	0.343
2701	27.00	0.305	0.244	0.161	0.080	0.032	0.037	0.093	0.178	0.256	0.295
2711	27.10	0.277	0.199	0.066	-0.113	-0.329	-0.569	-0.803	-0.984	-1.056	-0.963
2721	27.20	-0.695	-0.284	0.182	0.585	0.811	0.796	0.554	0.172	-0.211	-0.463
2731	27.30	-0.498	-0.318	-0.002	0.321	0.529	0.549	0.391	0.137	-0.096	-0.207
2741	27.40	-0.149	0.048	0.299	0.499	0.572	0.498	0.325	0.125	-0.011	-0.043
2751	27.50	0.014	0.100	0.131	0.045	-0.178	-0.501	-0.848	-1.130	-1.272	-1.240
2761	27.60	-1.041	-0.718	-0.338	0.031	0.329	0.517	0.583	0.542	0.435	0.319
2771	27.70	0.251	0.271	0.386	0.570	0.770	0.929	1.004	0.985	0.888	0.748
2781	27.80	0.594	0.435	0.259	0.047	-0.212	-0.500	-0.771	-0.966	-1.035	-0.965
2791	27.90	-0.784	-0.552	-0.338	-0.188	-0.115	-0.093	-0.080	-0.039	0.044	0.156
2801	28.00	0.267	0.345	0.373	0.353	0.297	0.221	0.131	0.032	-0.070	-0.161
2811	28.10	-0.213	-0.197	-0.103	0.053	0.220	0.327	0.316	0.163	-0.103	-0.406
2821	28.20	-0.651	-0.760	-0.703	-0.506	-0.242	0.003	0.162	0.208	0.165	0.084
2831	28.30	0.024	0.023	0.088	0.193	0.293	0.343	0.314	0.196	0.004	-0.229
2841	28.40	-0.460	-0.444	-0.761	-0.727	-0.600	-0.384	-0.125	0.120	0.297	0.372
2851	28.50	0.342	0.256	0.103	-0.002	-0.041	-0.004	0.090	0.195	0.263	0.255
2861	28.60	0.161	0.003	-0.171	-0.299	-0.327	-0.230	-0.023	0.235	0.461	0.567
2871	28.70	0.495	0.236	-0.155	-0.580	-0.920	-1.042	-1.052	-0.749	-0.415	-0.040
2881	28.80	0.227	0.342	0.305	0.164	-0.013	-0.163	-0.269	-0.268	-0.235	-0.175
2891	28.90	-0.105	-0.036	0.027	0.082	0.129	0.174	0.237	0.354	0.557	0.859
2901	29.00	1.228	1.584	1.813	1.807	1.516	0.966	0.287	-0.349	-0.780	-0.918
2911	29.10	-0.784	-0.504	-0.231	-0.114	-0.198	-0.430	-0.681	-0.811	-0.732	-0.451
2921	29.20	-0.056	0.322	0.575	0.657	0.598	0.689	0.345	0.259	0.196	0.113
2931	29.30	-0.025	-0.214	-0.403	-0.518	-0.501	-0.348	-0.115	0.103	0.215	0.177
2941	29.40	0.012	-0.193	-0.332	-0.316	-0.112	0.248	0.687	1.108	1.424	1.583
2951	29.50	1.556	1.360	1.025	0.605	0.167	-0.222	-0.502	-0.665	-0.657	-0.581
2961	29.60	-0.676	-0.390	-0.343	-0.317	-0.281	-0.216	-0.135	-0.094	-0.159	-0.369
2971	29.70	-0.705	-1.080	-1.364	-1.446	-1.278	-0.911	-0.487	-0.094	0.109	0.132
2981	29.80	0.054	0.004	0.083	0.317	0.434	0.900	0.988	0.835	0.483	0.053
2991	29.90	-0.305	-0.481	-0.447	-0.266	-0.041	0.113	0.135	0.022	-0.189	-0.450

Table 7-12-7

TABLE OF CORRECTED ACCELERATION RECORD — NO. 7

INDEX NO. 1924 S615-GR-1-11 HB. (HB.) SUGESAWA DAM MAX. ACC. = 87.218 (GAL) T= 2.21 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.723	-0.588	-1.226	-1.399	-1.447	-1.309	-0.958	-0.433	0.155	0.654
3011	30.10	0.930	0.926	0.691	0.365	0.115	0.063	0.229	0.527	0.800	0.900
3021	30.20	0.755	0.403	-0.030	-0.386	-0.551	-0.496	-0.290	-0.056	0.085	0.065
3031	30.30	-0.106	-0.356	-0.580	-0.704	-0.689	-0.548	-0.322	-0.062	0.196	0.429
3041	30.40	0.623	0.766	0.842	0.848	0.788	0.687	0.575	0.480	0.407	0.336
3051	30.50	0.229	0.057	-0.182	-0.447	-0.666	-0.762	-0.686	-0.443	-0.093	0.270
3061	30.60	0.550	0.687	0.666	0.518	0.295	0.050	-0.184	-0.390	-0.560	-0.678
3071	30.70	-0.719	-0.657	-0.687	-0.234	0.042	0.265	0.374	0.354	0.245	0.127
3081	30.80	0.088	0.180	0.388	0.631	0.792	0.762	0.488	-0.001	-0.603	-1.177
3091	30.90	-1.587	-1.749	-1.645	-1.325	-0.873	-0.387	0.056	0.404	0.633	0.734
3101	31.00	0.712	0.582	0.369	0.114	-0.131	-0.316	-0.406	-0.393	-0.303	-0.183
3111	31.10	-0.083	-0.036	-0.041	-0.063	-0.045	0.066	0.296	0.628	0.998	1.319
3121	31.20	1.500	1.483	1.263	0.891	0.462	0.086	-0.150	-0.204	-0.095	0.112
3131	31.30	0.329	0.484	0.540	0.509	0.440	0.393	0.408	0.493	0.621	0.743
3141	31.40	0.818	0.831	0.797	0.747	0.710	0.687	0.665	0.529	0.292	-0.078
3151	31.50	-0.535	-0.984	-1.309	-1.413	-1.260	-0.895	-0.436	-0.024	0.208	0.195
3161	31.60	-0.043	-0.414	-0.788	-1.045	-1.117	-1.009	-0.789	-0.551	-0.381	-0.320
3171	31.70	-0.356	-0.436	-0.491	-0.486	-0.417	-0.322	-0.258	-0.267	-0.352	-0.474
3181	31.80	-0.567	-0.566	-0.449	-0.230	0.022	0.228	0.328	0.304	0.192	0.059
3191	31.90	-0.028	-0.033	0.036	0.130	0.190	0.174	0.083	-0.045	-0.146	-0.160
3201	32.00	-0.056	0.153	0.423	0.693	0.908	1.033	1.060	0.999	0.875	0.712
3211	32.10	0.530	0.345	0.167	-0.002	-0.165	-0.326	-0.486	-0.633	-0.742	-0.777
3221	32.20	-0.709	-0.532	-0.277	-0.016	0.160	0.174	-0.005	-0.340	-0.733	-1.055
3231	32.30	-1.194	-1.094	-0.773	-0.316	0.161	0.553	0.794	0.871	0.814	0.670
3241	32.40	0.482	0.284	0.097	-0.061	-0.167	-0.206	-0.175	-0.101	-0.030	-0.020
3251	32.50	-0.106	-0.281	-0.487	-0.633	-0.631	-0.433	-0.060	0.400	0.824	1.097
3261	32.60	1.155	1.004	0.714	0.387	0.116	-0.041	-0.078	-0.027	0.062	0.144
3271	32.70	0.194	0.208	0.195	0.166	0.129	0.081	0.019	-0.063	-0.163	-0.277
3281	32.80	-0.394	-0.502	-0.585	-0.630	-0.631	-0.590	-0.523	-0.460	-0.436	-0.480
3291	32.90	-0.601	-0.775	-0.952	-1.063	-1.046	-0.865	-0.530	-0.097	0.346	0.704
3301	33.00	0.902	0.905	0.732	0.446	0.134	-0.121	-0.260	-0.267	-0.166	-0.010
3311	33.10	0.145	0.261	0.332	0.378	0.437	0.535	0.672	0.815	0.909	0.905
3321	33.20	0.781	0.557	0.289	0.043	-0.135	-0.235	-0.286	-0.328	-0.384	-0.436
3331	33.30	-0.420	-0.264	0.077	0.577	1.131	1.580	1.776	1.638	1.194	0.574
3341	33.40	-0.036	-0.471	-0.650	-0.600	-0.439	-0.312	-0.326	-0.497	-0.756	-0.977
3351	33.50	-1.044	-0.900	-0.573	-0.155	0.233	0.501	0.610	0.584	0.483	0.374
3361	33.60	0.298	0.266	0.266	0.276	0.277	0.263	0.231	0.180	0.101	-0.009
3371	33.70	-0.145	-0.285	-0.397	-0.450	-0.435	-0.373	-0.310	-0.297	-0.368	-0.510
3381	33.80	-0.668	-0.761	-0.712	-0.489	-0.119	0.314	0.695	0.921	0.936	0.750
3391	33.90	0.433	0.092	-0.170	-0.288	-0.247	-0.091	0.104	0.255	0.298	0.216
3401	34.00	0.037	-0.175	-0.339	-0.392	-0.305	-0.103	0.151	0.369	0.474	0.421
3411	34.10	0.217	-0.091	-0.431	-0.732	-0.947	-1.061	-1.083	-1.031	-0.916	-0.738
3421	34.20	-0.493	-0.186	0.151	0.459	0.664	0.708	0.573	0.295	-0.035	-0.308
3431	34.30	-0.426	-0.343	-0.083	0.272	0.607	0.814	0.828	0.647	0.328	-0.033
3441	34.40	-0.336	-0.502	-0.498	-0.339	-0.083	0.191	0.410	0.523	0.518	0.420
3451	34.50	0.285	0.170	0.120	0.145	0.218	0.284	0.287	0.184	-0.027	-0.313
3461	34.60	-0.614	-0.867	-1.030	-1.091	-1.069	-0.999	-0.915	-0.830	-0.742	-0.635
3471	34.70	-0.497	-0.330	-0.156	-0.004	0.098	0.138	0.125	0.086	0.052	0.049
3481	34.80	0.091	0.177	0.298	0.436	0.572	0.684	0.746	0.733	0.630	0.444
3491	34.90	0.206	-0.028	-0.197	-0.253	-0.183	-0.016	0.185	0.351	0.435	0.430

Table 7-12-8

TABLE OF CORRECTED ACCELERATION RECORD — NO. 8

INDEX NO. 1924 S615-GR-1-11 HB. (HB.) SUGESAWA DAM MAX. ACC. = 87.218 (GAL) T= 2.21 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.371	0.320	0.332	0.429	0.590	0.758	0.870	0.878	0.776	0.594
3511	35.10	0.385	0.197	0.057	-0.035	-0.098	-0.153	-0.206	-0.246	-0.252	-0.214
3521	35.20	-0.138	-0.056	-0.005	-0.017	-0.097	-0.221	-0.342	-0.409	-0.392	-0.288
3531	35.30	-0.123	0.058	0.214	0.319	0.366	0.367	0.340	0.304	0.272	0.251
3541	35.40	0.247	0.263	0.298	0.345	0.389	0.407	0.376	0.281	0.119	-0.096
3551	35.50	-0.341	-0.587	-0.806	-0.975	-1.072	-1.079	-0.984	-0.784	-0.498	-0.163
3561	35.60	0.163	0.419	0.558	0.565	0.461	0.294	0.124	-0.012	-0.104	-0.178
3571	35.70	-0.275	-0.427	-0.632	-0.850	-1.009	-1.034	-0.882	-0.559	-0.125	0.325
3581	35.80	0.692	0.907	0.952	0.859	0.691	0.516	0.377	0.285	0.217	0.138
3591	35.90	0.021	-0.135	-0.304	-0.440	-0.503	-0.472	-0.360	-0.206	-0.064	0.024
3601	36.00	0.037	-0.015	-0.102	-0.193	-0.266	-0.321	-0.371	-0.427	-0.487	-0.528
3611	36.10	-0.516	-0.420	-0.239	-0.009	0.204	0.332	0.329	0.203	0.013	-0.148
3621	36.20	-0.197	-0.094	0.136	0.414	0.638	0.728	0.659	0.469	0.238	0.050
3631	36.30	-0.048	-0.063	-0.051	-0.084	-0.216	-0.455	-0.759	-1.054	-1.263	-1.331
3641	36.40	-1.241	-1.010	-0.672	-0.273	0.144	0.530	0.834	1.005	1.004	0.821
3651	36.50	0.491	0.091	-0.282	-0.561	-0.639	-0.582	-0.424	-0.233	-0.066	0.057
3661	36.60	0.154	0.258	0.394	0.553	0.694	0.765	0.727	0.582	0.369	0.153
3671	36.70	-0.008	-0.088	-0.098	-0.074	-0.051	-0.038	-0.012	0.067	0.232	0.374
3681	36.80	0.744	0.942	1.050	0.972	0.750	0.456	0.186	0.017	-0.021	0.047
3691	36.90	0.157	0.241	0.255	0.195	0.090	-0.017	-0.093	-0.129	-0.142	-0.153
3701	37.00	-0.177	-0.208	-0.221	-0.185	-0.081	0.084	0.281	0.463	0.590	0.637
3711	37.10	0.606	0.519	0.411	0.316	0.253	0.226	0.222	0.218	0.189	0.116
3721	37.20	-0.002	-0.149	-0.290	-0.378	-0.375	-0.258	-0.044	0.219	0.452	0.577
3731	37.30	0.538	0.327	-0.010	-0.366	-0.703	-0.883	-0.895	-0.743	-0.556	-0.352
3741	37.40	-0.216	-0.170	-0.197	-0.246	-0.249	-0.237	-0.158	-0.069	0.022	-0.057
3751	37.50	-0.185	-0.381	-0.595	-0.769	-0.863	-0.861	-0.778	-0.644	-0.493	-0.367
3761	37.60	-0.213	-0.090	0.024	0.121	0.180	0.180	0.106	-0.032	-0.201	-0.352
3771	37.70	-0.434	-0.415	-0.294	-0.102	0.109	0.285	0.387	0.401	0.339	0.226
3781	37.80	0.090	-0.046	-0.168	-0.266	-0.329	-0.344	-0.304	-0.208	-0.073	0.068
3791	37.90	0.180	0.233	0.223	0.168	0.104	0.070	0.087	0.145	0.213	0.245
3801	38.00	0.207	0.094	-0.067	-0.223	-0.317	-0.311	-0.200	-0.016	0.183	0.334
3811	38.10	0.382	0.322	0.153	-0.080	-0.319	-0.505	-0.592	-0.557	-0.406	-0.172
3821	38.20	0.092	0.330	0.495	0.562	0.533	0.436	0.307	0.177	0.062	-0.038
3831	38.30	-0.132	-0.224	-0.298	-0.325	-0.269	-0.111	0.138	0.428	0.684	0.830
3841	38.40	0.818	0.647	0.366	0.056	-0.202	-0.355	-0.394	-0.349	-0.275	-0.224
3851	38.50	-0.222	-0.268	-0.332	-0.374	-0.359	-0.271	-0.112	0.097	0.322	0.526
3861	38.60	0.674	0.738	0.707	0.590	0.419	0.244	0.120	0.086	0.150	0.284
3871	38.70	0.429	0.521	0.513	0.394	0.193	-0.032	-0.244	-0.393	-0.393	-0.400
3881	38.80	-0.404	-0.452	-0.508	-0.576	-0.599	-0.535	-0.367	-0.117	0.166	0.418
3891	38.90	0.582	0.624	0.546	0.377	0.164	-0.042	-0.198	-0.281	-0.286	-0.231
3901	39.00	-0.151	-0.082	-0.055	-0.085	-0.163	-0.258	-0.329	-0.339	-0.273	-0.139
3911	39.10	0.030	0.189	0.300	0.361	0.316	0.247	0.169	0.112	0.098	0.139
3921	39.20	0.236	0.380	0.550	0.716	0.836	0.867	0.776	0.559	0.248	-0.094
3931	39.30	-0.385	-0.555	-0.570	-0.441	-0.221	-0.015	0.202	0.302	0.312	0.256
3941	39.40	0.163	0.052	-0.071	-0.211	-0.367	-0.519	-0.629	-0.651	-0.556	-0.347
3951	39.50	-0.068	0.209	0.407	0.469	0.377	0.156	-0.138	-0.439	-0.686	-0.842
3961	39.60	-0.890	-0.835	-0.701	-0.518	-0.324	-0.157	-0.066	-0.003	-0.020	-0.069
3971	39.70	-0.116	-0.132	-0.108	-0.060	-0.016	-0.002	-0.025	-0.069	-0.099	-0.080
3981	39.80	-0.001	0.124	0.254	0.342	0.363	0.320	0.246	0.182	0.156	0.161
3991	39.90	0.158	0.097	-0.052	-0.279	-0.526	-0.708	-0.747	-0.608	-0.317	0.043

Table 7-12-9 TABLE OF CORRECTED ACCELERATION RECORD NO..9

INDEX NO. 1924 S615-GR-1-11 HB. (HB.) SUGESAWA DAM MAX. ACC. = 87.218 (GAL) Y= 2.21 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.364	0.555	0.571	0.431	0.203	-0.020	-0.158	-0.171	-0.062	0.124
4011	40.10	0.321	0.470	0.529	0.490	0.376	0.227	0.103	0.051	0.095	0.228
4021	40.20	0.412	0.584	0.682	0.664	0.526	0.306	0.069	-0.117	-0.204	-0.186
4031	40.30	-0.093	0.021	0.105	0.129	0.097	0.038	-0.013	-0.033	-0.019	0.009
4041	40.40	0.021	-0.006	-0.083	-0.202	-0.383	-0.484	-0.604	-0.686	-0.715	-0.679
4051	40.50	-0.574	-0.407	-0.207	-0.020	0.102	0.120	0.032	-0.125	-0.284	-0.367
4061	40.60	-0.326	-0.158	0.085	0.319	0.458	0.452	0.307	0.078	-0.151	-0.304
4071	40.70	-0.338	-0.259	-0.107	0.062	0.202	0.290	0.324	0.311	0.258	0.164
4081	40.80	0.026	-0.155	-0.360	-0.555	-0.700	-0.765	-0.746	-0.665	-0.559	-0.464
4091	40.90	-0.397	-0.348	-0.290	-0.193	-0.046	0.134	0.309	0.434	0.480	0.448
4101	41.00	0.365	0.274	0.213	0.194	0.205	0.218	0.202	0.149	0.069	-0.005
4111	41.10	-0.039	-0.015	0.065	0.176	0.285	0.365	0.403	0.403	0.381	0.349
4121	41.20	0.315	0.275	0.221	0.152	0.075	0.005	0.0			

Table 7-13-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1931 1315-GR-1-13 HA. (HA.) ONNETTO BRIDGE MAX. ACC. = 156.122 (GAL) T= 0.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	57.803	44.893	56.614	30.520	-10.357	-57.517	-99.193	-124.168	-125.807	-104.697
11	0.10	-68.678	-30.112	-1.387	9.542	1.775	-18.787	-42.343	-59.366	-64.207	-56.614
21	0.20	-40.757	-22.522	-6.593	5.202	13.629	20.322	25.855	28.922	27.233	19.643
31	0.30	8.165	-1.560	-2.020	12.729	43.578	84.709	124.920	151.665	156.122	136.963
41	0.40	101.000	60.280	26.944	8.220	3.891	7.359	9.650	4.307	-9.314	-25.952
51	0.50	-37.489	-37.523	-25.047	-5.365	12.342	19.194	10.982	-10.028	-36.335	-58.914
61	0.60	-71.619	-72.795	-67.069	-60.596	-58.329	-61.102	-65.305	-65.038	-55.503	-35.822
71	0.70	-9.806	15.686	33.874	41.066	38.034	29.185	20.080	14.716	13.915	15.580
81	0.80	16.471	14.410	9.647	4.686	2.761	5.877	13.581	23.122	30.922	34.496
91	0.90	33.765	31.052	29.736	32.357	39.158	47.845	54.665	56.208	50.985	40.012
101	1.00	26.166	12.756	2.110	-5.113	-9.627	-12.557	-14.488	-15.123	-13.746	-10.162
111	1.10	-5.473	-2.097	-2.907	-9.830	-22.664	-38.772	-53.908	-63.875	-66.238	-61.296
121	1.20	-51.864	-41.966	-35.090	-32.794	-34.275	-37.008	-38.067	-35.445	-28.794	-19.320
131	1.30	-9.028	0.236	7.459	12.604	16.276	19.207	21.887	24.384	26.711	28.852
141	1.40	30.958	33.227	35.212	38.208	40.342	41.623	42.683	43.303	44.150	45.333
151	1.50	46.256	45.648	42.058	34.650	23.897	11.762	1.168	-5.233	-6.098	-2.355
161	1.60	3.045	6.178	3.743	-5.508	-20.131	-36.461	-50.010	-57.207	-56.767	-50.122
171	1.70	-40.788	-32.944	-29.845	-32.674	-40.239	-49.559	-57.029	-59.694	-56.193	-47.066
181	1.80	-34.430	-21.186	-10.053	-2.746	0.471	0.759	0.222	1.138	5.138	12.612
191	1.90	22.557	32.922	41.355	46.072	46.518	43.549	39.045	35.240	33.672	34.809
201	2.00	37.864	41.231	43.191	42.571	39.104	33.358	26.359	19.117	12.291	6.127
211	2.10	0.614	-4.277	-8.458	-11.760	-14.112	-15.713	-17.078	-18.900	-21.756	-25.894
221	2.20	-30.996	-36.348	-41.026	-44.178	-45.247	-44.049	-40.752	-35.793	-29.799	-23.514
231	2.30	-17.713	-13.055	-9.899	-8.142	-7.202	-6.182	-4.216	-0.845	3.759	8.829
241	2.40	13.334	16.437	17.859	17.965	17.552	17.308	17.638	18.328	18.859	18.788
251	2.50	18.107	17.314	17.128	17.989	19.668	21.100	20.985	18.274	12.897	5.946
261	2.60	-0.700	-5.191	-6.583	-5.301	-2.944	-1.489	-2.279	-5.314	-9.226	-11.966
271	2.70	-11.875	-8.589	-3.310	1.708	6.210	3.023	-4.414	-7.294	-12.351	-14.969
281	2.80	-14.808	-12.992	-11.216	-10.848	-12.154	-14.195	-15.422	-14.625	-11.717	-7.807
291	2.90	-5.073	-4.828	-7.476	-11.728	-15.175	-15.403	-11.196	-3.220	6.163	13.904
301	3.00	17.622	16.679	12.440	7.619	5.010	6.206	10.920	17.188	22.350	24.314
311	3.10	22.505	18.052	13.176	10.070	9.861	12.088	14.973	16.292	14.433	9.135
321	3.20	1.590	-6.121	-11.948	-14.732	-14.619	-12.872	-11.221	-11.063	-12.884	-16.114
331	3.30	-19.652	-21.458	-21.133	-18.277	-13.685	-7.877	-2.683	1.120	3.021	3.015
341	3.40	1.517	-0.789	-3.102	-4.657	-4.876	-3.501	-0.680	3.049	6.899	10.079
351	3.50	12.065	12.769	12.552	12.033	11.793	12.104	12.806	13.395	13.279	12.076
361	3.60	9.804	6.880	3.926	1.502	-0.143	-1.108	-1.757	-2.379	-3.194	-4.064
371	3.70	-4.695	-4.802	-4.311	-3.428	-2.560	-2.125	-2.349	-3.172	-4.300	-5.378
381	3.80	-6.178	-6.700	-7.118	-7.615	-8.198	-8.603	-8.378	-7.099	-4.632	-1.301
391	3.90	2.151	4.808	5.949	5.375	3.551	1.474	0.306	0.919	3.523	7.553
401	4.00	11.843	15.056	16.177	14.896	11.718	7.757	4.295	2.280	1.967	2.844
411	4.10	3.883	3.999	2.538	-0.428	-4.116	-7.366	-9.133	-8.958	-7.151	-4.655
421	4.20	-2.627	-1.922	-2.735	-4.543	-6.389	-7.361	-6.923	-5.293	-3.111	-1.152
431	4.30	0.092	0.651	0.994	1.707	3.108	5.006	6.777	7.695	7.372	6.027
441	4.40	4.438	3.567	4.032	5.723	7.759	8.863	7.978	4.823	0.100	-4.758
451	4.50	-8.218	-9.333	-8.161	-5.718	-3.469	-2.638	-3.643	-5.960	-8.432	-9.881
461	4.60	-9.685	-8.039	-5.797	-3.983	-3.254	-3.589	-4.351	-4.869	-3.922	-2.065
471	4.70	0.370	2.570	3.878	4.112	3.629	3.102	3.166	4.101	5.762	7.693
481	4.80	9.407	10.603	11.237	11.413	11.198	10.501	9.112	6.878	3.910	0.671
491	4.90	-2.141	-3.872	-4.218	-3.389	-2.028	-0.905	-0.569	-1.105	-2.161	-3.205

Table 7-13-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1931 1315-GR-1-13 HA. (HA.) ONNETTO BRIDGE MAX. ACC. = 156.122 (GAL) T= 0.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-3.869	-4.187	-4.572	-5.552	-7.392	-9.844	-12.159	-13.405	-12.918	-10.666
511	5.10	-7.324	-4.006	-1.753	-1.078	-1.738	-2.879	-3.468	-2.797	-0.807	1.917
521	5.20	4.459	6.025	6.310	5.597	4.570	3.957	4.181	5.203	6.602	7.820
531	5.30	8.433	8.313	7.612	6.623	5.615	5.719	5.957	5.293	2.711	2.220
541	5.40	1.792	1.295	0.489	-0.881	-2.916	-5.427	-7.911	-9.697	-10.208	-9.229
551	5.50	-7.038	-4.327	-1.936	-0.526	-0.330	-1.112	-2.331	-3.425	-4.065	-4.256
561	5.60	-4.255	-4.361	-4.702	-5.142	-5.338	-4.928	-3.723	-1.817	0.444	2.603
571	5.70	4.268	5.222	5.448	5.066	4.241	3.152	1.973	0.910	0.199	0.053
581	5.80	0.572	1.652	2.992	4.193	4.940	5.156	5.047	5.005	5.366	6.192
591	5.90	7.167	7.701	7.203	5.609	2.580	-0.527	-2.950	-3.930	-3.268	-1.447
601	6.00	0.544	1.613	1.018	-1.326	-4.620	-8.426	-11.075	-12.044	-11.176	-8.866
611	6.10	-5.859	-2.980	-0.909	-0.047	-0.497	-2.091	-4.441	-6.982	-9.045	-9.983
621	6.20	-9.349	-7.072	-3.548	0.426	3.891	6.058	6.608	5.809	4.392	3.232
631	6.30	2.963	3.713	5.075	6.338	6.848	6.344	5.083	3.714	2.956	3.244
641	6.40	4.525	6.282	7.796	8.680	8.144	7.047	5.722	4.677	4.122	3.863
651	6.50	3.406	2.333	0.080	-2.803	-6.139	-8.942	-10.708	-11.198	-10.607	-9.454
661	6.60	-8.354	-7.779	-7.902	-8.579	-9.444	-10.074	-10.134	-9.461	-8.074	-6.139
671	6.70	-3.909	-1.665	0.526	1.848	2.780	3.123	3.010	2.580	2.419	2.476
681	6.80	2.999	3.991	5.321	6.757	8.026	8.863	9.060	8.512	7.256	5.497
691	6.90	3.600	2.016	1.152	1.209	2.065	3.267	4.166	4.165	2.985	0.824
701	7.00	-1.684	-3.705	-4.561	-4.032	-2.464	-0.623	0.654	0.838	-0.055	-1.501
711	7.10	-2.749	-3.208	-2.752	-1.775	-0.971	-0.961	-1.955	-3.652	-5.308	-6.274
721	7.20	-6.190	-5.236	-4.023	-3.266	-3.402	-4.358	-5.986	-7.357	-6.835	-4.552
731	7.30	-2.252	0.204	2.174	3.307	3.838	3.682	3.237	3.184	3.428	3.963
741	7.40	4.790	5.973	7.582	9.547	11.536	12.976	13.244	11.982	9.324	5.946
751	7.50	2.812	0.786	0.214	0.777	1.650	1.919	1.045	-0.881	-3.219	-5.156
761	7.60	-6.175	-6.336	-6.229	-6.596	-7.859	-9.802	-11.625	-12.348	-11.356	-8.790
771	7.70	-5.543	-2.847	-1.656	-2.140	-3.587	-4.761	-4.545	-2.539	0.724	4.047
781	7.80	6.190	6.597	5.442	3.936	3.303	4.300	6.762	9.662	11.643	11.718
791	7.90	9.766	6.698	3.807	2.312	2.637	4.256	5.984	6.604	5.482	2.673
801	8.00	-0.238	-2.653	-3.569	-2.955	-1.528	-0.354	-0.300	-1.612	-3.828	-6.040
811	8.10	-7.358	-7.327	-6.108	-4.344	-2.822	-2.103	-2.311	-3.143	-4.085	-4.668
821	8.20	-4.461	-4.112	-3.213	-2.178	-1.112	-0.006	1.169	2.459	3.681	4.665
831	8.30	5.168	5.093	4.532	3.659	2.721	1.939	1.446	1.276	1.394	1.722
841	8.40	2.162	2.590	2.859	2.825	2.593	1.529	0.533	-0.497	-1.261	-1.618
851	8.50	-1.610	-1.530	-1.438	-1.748	-2.468	-3.283	-3.937	-4.127	-3.769	-3.034
861	8.60	-2.267	-1.802	-1.765	-1.985	-2.057	-1.550	-0.261	1.929	3.547	4.850
871	8.70	4.936	3.719	1.620	-0.563	-1.976	-2.070	-0.836	1.199	3.211	4.431
881	8.80	4.663	3.416	1.809	0.311	-0.562	-0.639	-0.116	0.587	1.039	0.975
891	8.90	0.356	-0.676	-1.908	-3.140	-4.209	-4.962	-5.230	-4.847	-3.733	-2.005
901	9.00	-0.013	1.722	2.692	2.629	1.650	0.236	-0.958	-1.402	-0.935	0.167
911	9.10	1.333	2.005	1.905	1.194	0.365	-0.033	0.310	1.299	2.499	3.402
921	9.20	3.722	3.562	3.344	3.521	4.269	5.206	5.685	4.969	2.650	-0.835
931	9.30	-4.558	-7.277	-8.067	-6.754	-4.035	-1.183	0.521	0.364	-1.491	-4.122
941	9.40	-6.315	-7.147	-6.403	-4.620	-2.760	-1.706	-1.815	-2.791	-3.881	-4.308
951	9.50	-3.677	-2.157	-0.348	1.066	1.696	1.639	1.398	1.575	2.528	4.164
961	9.60	5.988	7.355	7.856	7.436	6.488	5.585	5.178	5.363	5.850	6.132
971	9.70	5.765	4.603	2.868	1.021	-0.478	-1.394	-1.815	-2.066	-2.518	-3.379
981	9.80	-4.598	-5.910	-6.997	-7.657	-7.906	-7.937	-7.994	-8.213	-8.565	-8.781
991	9.90	-8.679	-8.107	-7.125	-5.957	-4.872	-4.041	-3.450	-2.924	-2.237	-1.263

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

INDEX NO. 1931 1315-GR-1-13 HA. (HA.) ONNETTO BRIDGE MAX. ACC. = 156.122 (GAL) T= 0.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.061	1.143	2.085	2.624	2.852	3.079	3.691	4.936	6.751	8.762
1011	10.10	10.298	10.859	10.173	8.443	6.277	4.453	3.595	3.910	5.094	6.462
1021	10.20	7.242	6.903	5.374	3.052	0.610	-1.309	-2.370	-2.668	-2.443	-2.845
1031	10.30	-3.852	-5.097	-6.853	-8.412	-9.331	-9.446	-8.946	-8.265	-7.864	-7.998
1041	10.40	-8.591	-9.270	-9.542	-9.024	-7.614	-5.531	-3.206	-1.085	0.552	1.684
1051	10.50	2.505	3.291	4.238	5.364	6.509	7.441	7.983	8.107	7.949	7.723
1061	10.60	7.606	7.644	7.728	7.664	7.282	6.535	5.536	4.501	3.645	3.073
1071	10.70	2.731	2.435	1.968	1.190	0.098	-1.178	-2.466	-3.640	-4.693	-5.715
1081	10.80	-6.811	-7.989	-9.087	-9.800	-9.769	-8.855	-7.072	-4.823	-2.703	-1.305
1091	10.90	-0.991	-1.725	-3.070	-4.328	-4.803	-4.062	-2.108	0.622	3.413	5.535
1101	11.00	6.507	6.258	5.137	3.764	2.793	2.666	3.454	4.841	6.246	7.044
1111	11.10	6.802	5.446	3.299	0.968	-0.869	-1.711	-1.417	-0.256	1.199	2.304
1121	11.20	2.594	1.970	0.730	-0.575	-1.388	-1.404	-0.716	0.225	0.810	0.560
1131	11.30	-0.638	-2.460	-4.262	-5.367	-5.358	-4.272	-2.590	-1.025	-0.208	-0.416
1141	11.40	-1.461	-2.794	-3.769	-3.945	-3.273	-2.105	-1.002	-0.457	-0.655	-1.392
1151	11.50	-2.173	-2.454	-1.899	-0.526	1.305	3.062	4.285	4.765	4.610	4.153
1161	11.60	3.768	3.701	3.971	4.405	4.755	4.841	4.638	4.259	3.874	3.601
1171	11.70	3.442	3.299	3.049	2.661	2.132	1.651	1.298	1.042	0.662	-0.080
1181	11.80	-1.497	-3.602	-6.125	-8.531	-10.191	-10.619	-9.662	-7.559	-4.852	-2.177
1191	11.90	-0.051	1.265	1.775	1.647	1.088	0.261	-0.701	-1.629	-2.257	-2.251
1201	12.00	-1.343	0.488	2.896	5.212	6.678	6.782	5.550	3.618	2.004	1.668
1211	12.10	3.032	5.713	8.616	10.389	10.034	7.401	3.321	-0.752	-3.355	-3.692
1221	12.20	-1.986	0.647	2.746	3.221	1.567	-0.559	-2.753	-3.548	-2.528	-0.250
1231	12.30	2.030	3.003	1.984	-0.724	-3.964	-6.289	-6.679	-5.038	-2.222	0.396
1241	12.40	1.621	1.007	-0.962	-3.168	-4.468	-4.285	-2.880	-1.160	-0.156	-0.439
1251	12.50	-1.801	-3.365	-4.068	-3.246	-1.019	1.743	3.855	4.424	3.320	1.248
1261	12.60	-0.602	-1.164	-0.040	2.297	4.735	6.085	5.670	3.665	1.010	-1.053
1271	12.70	-1.569	-0.312	2.141	4.713	6.352	6.498	5.286	3.393	1.651	0.619
1281	12.80	0.347	0.421	0.250	-0.574	-2.038	-3.715	-4.988	-5.583	-4.815	-3.646
1291	12.90	-2.510	-2.014	-2.464	-3.743	-5.381	-6.792	-7.529	-7.460	-6.781	-5.877
1301	13.00	-5.131	-4.746	-4.685	-4.723	-4.576	-4.033	-3.035	-1.670	-0.111	1.469
1311	13.10	2.949	4.274	5.423	6.370	7.061	7.414	7.358	6.867	5.989	4.844
1321	13.20	3.590	2.383	1.342	0.526	-0.083	-0.462	-0.727	-0.916	-1.083	-1.280
1331	13.30	-1.553	-1.947	-2.484	-3.150	-3.885	-4.565	-5.126	-5.407	-5.386	-5.109
1341	13.40	-4.702	-4.324	-4.109	-4.105	-4.248	-4.372	-4.304	-3.881	-3.062	-1.917
1351	13.50	-0.594	0.742	1.976	3.058	3.982	4.739	5.264	5.446	5.170	4.404
1361	13.60	3.261	2.004	0.969	0.438	0.512	1.057	1.747	2.201	2.154	1.570
1371	13.70	0.655	-0.253	-0.842	-0.980	-0.763	-0.456	-0.344	-0.582	-1.123	-1.747
1381	13.80	-2.192	-2.294	-2.077	-1.736	-1.521	-1.605	-1.589	-2.507	-2.923	-3.063
1391	13.90	-2.905	-2.578	-2.273	-2.118	-2.092	-2.030	-1.721	-1.052	-0.097	0.879
1401	14.00	1.536	1.609	1.072	0.139	-0.804	-1.374	-1.353	-0.765	0.157	1.109
1411	14.10	1.864	2.364	2.717	3.097	3.623	4.278	4.912	5.326	5.379	5.066
1421	14.20	4.510	3.886	3.323	2.832	2.311	1.625	0.702	-0.393	-1.469	-2.292
1431	14.30	-2.694	-2.671	-2.381	-2.081	-2.001	-2.239	-2.717	-3.231	-3.552	-3.542
1441	14.40	-3.216	-2.727	-2.287	-2.065	-2.110	-2.343	-2.608	-2.747	-2.678	-2.412
1451	14.50	-2.028	-1.617	-1.227	-0.845	-0.420	0.092	0.687	1.300	1.836	2.216
1461	14.60	2.422	2.509	2.577	2.718	2.969	3.289	3.585	3.761	3.772	3.665
1471	14.70	3.459	3.290	3.155	2.996	2.708	2.212	1.520	0.771	0.180	-0.053
1481	14.80	0.145	0.653	1.193	1.437	1.170	0.400	-0.629	-1.544	-2.027	-1.982
1491	14.90	-1.600	-1.270	-1.382	-2.107	-3.278	-4.426	-5.006	-4.646	-3.353	-1.537

Table 7-13-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1931 1315-GR-1-13 HA. (HA.) ONNETTO BRIDGE MAX. ACC. = 156.122 (GAL) T= 0.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	0.170	1.200	1.322	0.746	0.014	-0.263	0.199	1.375	2.779	3.801
1511	15.10	4.004	3.347	2.208	1.189	0.813	1.265	2.318	3.466	4.202	4.274
1521	15.20	3.802	3.180	2.838	2.988	3.501	3.979	3.975	3.242	1.876	0.273
1531	15.30	-1.092	-1.842	-1.919	-1.617	-1.283	-1.191	-1.367	-1.597	-1.573	-1.099
1541	15.40	-0.225	0.761	1.480	1.664	1.299	0.622	-0.010	-0.315	-0.225	0.112
1551	15.50	0.453	0.630	0.664	0.751	1.112	1.821	2.695	3.339	3.333	2.467
1561	15.60	0.889	-0.916	-2.324	-2.852	-2.382	-1.212	0.095	0.979	1.138	0.648
1571	15.70	-0.119	-0.717	-0.860	-0.564	-0.103	0.158	-0.016	-0.603	-1.340	-1.870
1581	15.80	-1.944	-1.548	-0.906	-0.342	-0.099	-0.202	-0.446	-0.516	-0.169	0.622
1591	15.90	1.629	2.469	2.785	2.418	1.492	0.357	-0.553	-0.906	-0.598	0.225
1601	16.00	1.250	2.134	2.642	2.713	2.450	2.043	1.676	1.448	1.349	1.286
1611	16.10	1.134	0.803	0.278	-0.371	-1.014	-1.505	-1.737	-1.685	-1.419	-1.084
1621	16.20	-0.858	-0.881	-1.207	-1.779	-2.447	-3.026	-3.365	-3.400	-3.179	-2.827
1631	16.30	-2.494	-2.290	-2.243	-2.298	-2.358	-2.332	-2.182	-1.934	-1.662	-1.442
1641	16.40	-1.315	-1.264	-1.224	-1.106	-0.838	-0.390	0.220	0.933	1.671	2.350
1651	16.50	2.899	3.252	3.359	3.189	2.739	2.053	1.227	0.596	-0.287	-0.899
1661	16.60	-0.787	-0.593	-0.252	0.043	0.108	-0.171	-0.787	-1.609	-2.419	-2.993
1671	16.70	-3.180	-2.974	-2.519	-2.067	-1.884	-2.145	-2.665	-3.077	-4.092	-5.593
1681	16.80	-5.754	-5.313	-4.393	-3.248	-2.175	-1.410	-1.059	-1.082	-1.326	-1.590
1691	16.90	-1.702	-1.564	-1.172	-0.600	0.032	0.601	1.015	1.229	1.251	1.134
1701	17.00	0.951	0.777	0.658	0.598	0.560	0.477	0.281	-0.069	-0.567	-1.162
1711	17.10	-1.770	-2.303	-2.651	-2.893	-2.903	-2.736	-2.422	-2.003	-1.537	-1.096
1721	17.20	-0.748	-0.424	-0.698	-0.958	-1.302	-1.588	-1.680	-1.505	-1.087	-0.549
1731	17.30	-0.047	0.199	0.147	-0.185	-0.667	-1.165	-1.481	-1.537	-1.339	-0.949
1741	17.40	-0.548	-0.191	0.023	0.063	-0.063	-0.319	-0.651	-0.988	-1.240	-1.313
1751	17.50	-1.131	-0.678	-0.019	0.699	1.279	1.547	1.419	0.947	0.312	-0.241
1761	17.60	-0.492	-0.338	0.171	0.852	1.471	1.840	1.893	1.700	1.417	1.203
1771	17.70	1.139	1.190	1.233	1.137	0.794	0.268	-0.319	-0.790	-1.005	-0.919
1781	17.80	-0.591	-0.143	0.298	0.658	0.927	1.134	1.300	1.410	1.409	1.247
1791	17.90	0.922	0.514	0.171	0.049	0.244	0.742	1.427	2.134	2.732	3.182
1801	18.00	3.549	3.948	4.467	5.101	5.736	6.214	6.383	6.197	5.727	5.114
1811	18.10	4.500	3.955	3.465	2.967	2.434	1.927	1.596	1.616	2.072	2.682
1821	18.20	3.785	4.425	4.498	3.882	2.705	1.299	0.065	-0.681	-0.815	-0.422
1831	18.30	0.285	1.080	1.820	2.468	3.056	3.615	4.127	4.538	4.823	5.043
1841	18.40	5.359	5.963	6.955	8.229	9.434	10.067	9.656	7.977	5.184	1.799

Table 7-14-1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1932 1315-GR-1-13 U-D (U-D) ONNETTO BRIDGE MAX. ACC. = 57.759 (GAL) T= 0.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-6.659	-10.070	-11.594	-9.809	-6.531	2.816	0.566	12.813	10.700	3.371
11	0.10	-6.827	-16.064	-20.410	-17.312	-6.550	9.699	27.693	43.433	53.902	57.759
21	0.20	55.306	47.922	37.341	25.146	12.630	0.931	-8.864	-15.725	-19.243	-19.844
31	0.30	-19.010	-18.880	-21.390	-27.288	-35.507	-43.280	-47.067	-43.941	-32.847	-15.165
41	0.40	5.690	25.458	40.475	48.753	50.280	46.509	39.411	30.607	20.977	10.867
51	0.50	0.609	-9.011	-16.705	-21.099	-21.367	-17.712	-11.383	-4.185	2.263	7.131
61	0.60	10.511	13.061	15.330	17.253	18.054	16.661	12.384	5.474	-2.769	-10.529
71	0.70	-16.028	-18.378	-17.704	-14.858	-10.795	-6.029	-0.497	6.067	13.515	20.807
81	0.80	26.070	27.248	23.084	13.911	1.808	-10.069	-18.704	-22.449	-21.652	-18.384
91	0.90	-15.369	-14.649	-16.619	-19.892	-22.042	-20.832	-15.314	-6.280	4.119	13.351
101	1.00	19.563	22.201	21.939	20.026	17.468	14.497	10.605	5.093	-2.210	-10.466
111	1.10	-17.909	-22.451	-22.543	-17.080	-9.603	0.085	8.719	14.416	16.433	15.231
121	1.20	12.101	8.576	5.845	4.464	4.322	4.824	5.174	4.618	2.629	-0.965
131	1.30	-5.502	-11.442	-16.594	-19.892	-20.849	-17.732	-12.885	-6.674	2.813	8.501
141	1.40	11.848	11.988	9.721	6.189	2.576	-0.334	-2.356	-3.797	-5.139	-6.679
151	1.50	-8.327	-9.641	-10.070	-9.262	-7.272	-4.568	-1.846	0.262	1.345	1.481
161	1.60	0.986	0.229	-0.376	-0.679	-0.698	-0.561	-0.424	-0.408	-0.581	-0.948
171	1.70	-1.432	-1.838	-1.837	-1.018	0.965	4.193	8.308	12.483	15.600	16.606
181	1.80	14.921	10.728	4.989	-0.856	-5.400	-7.790	-8.036	-6.961	-5.815	-5.708
191	1.90	-7.121	-9.688	-12.364	-13.884	-13.315	-10.466	-5.986	-1.116	2.773	4.678
201	2.00	4.285	2.014	-1.205	-4.299	-6.418	-7.167	-6.635	-5.259	-3.607	-2.161
211	2.10	-1.181	-0.678	-0.467	-0.271	0.171	1.032	2.352	4.044	5.919	7.731
221	2.20	9.226	10.178	10.426	9.888	8.592	6.663	4.335	1.921	-0.224	-1.774
231	2.30	-2.511	-2.393	-1.580	-0.411	0.686	1.312	1.211	0.341	-1.120	-2.839
241	2.40	-4.420	-5.511	-5.879	-5.454	-4.336	-2.777	-1.136	0.186	0.843	0.667
251	2.50	-0.344	-1.798	-3.183	-3.920	-3.597	-2.154	0.157	2.667	4.721	5.836
261	2.60	5.902	5.197	4.227	3.457	3.075	2.904	2.505	1.440	-0.456	-2.912
271	2.70	-5.282	-6.791	-6.868	-5.407	-2.817	0.139	2.671	4.267	4.862	4.778
281	2.80	4.493	4.356	4.415	4.402	3.937	2.784	1.039	-0.851	-2.273	-2.737
291	2.90	-2.138	-0.841	0.444	0.973	0.305	-1.472	-3.743	-5.591	-6.168	-5.042
301	3.00	-2.381	1.098	4.383	6.532	6.991	5.751	3.297	0.394	-2.197	-3.961
311	3.10	-4.740	-4.698	-4.177	-3.528	-2.971	-2.553	-2.181	-1.705	-1.004	-0.042
321	3.20	1.121	2.346	3.445	4.212	4.454	4.037	2.938	1.295	-0.576	-2.228
331	3.30	-3.200	-3.172	-2.102	-0.273	1.783	3.476	4.386	4.436	3.908	3.304
341	3.40	3.090	3.437	4.104	4.506	3.971	2.058	-1.182	-5.152	-8.881	-11.350
351	3.50	-11.859	-10.263	-6.992	-2.871	1.187	4.469	6.631	7.694	7.913	7.596
361	3.60	6.963	6.109	5.038	3.750	2.298	0.795	-0.626	-1.869	-2.907	-3.769
371	3.70	-4.491	-5.069	-5.436	-5.484	-5.113	-4.279	-3.027	-1.476	0.210	1.860
381	3.80	3.319	4.447	5.124	5.260	4.816	3.851	2.529	1.112	-0.106	-0.882
391	3.90	-1.098	-0.802	-0.177	0.520	1.048	1.245	1.064	0.552	-0.172	-0.955
401	4.00	-1.632	-2.037	-2.031	-1.538	-0.589	0.646	1.871	2.735	2.947	2.385
411	4.10	1.170	-0.358	-1.743	-2.572	-2.616	-1.908	-0.717	0.562	1.555	2.031
421	4.20	1.958	1.473	0.790	0.136	-0.395	-0.789	-1.119	-1.481	-1.936	-2.473
431	4.30	-3.006	-3.397	-3.492	-3.172	-2.391	-1.202	0.243	1.718	2.987	3.862
441	4.40	4.269	4.268	4.029	3.765	3.442	3.715	3.904	4.029	3.893	3.365
451	4.50	2.459	1.237	-0.046	-1.212	-2.136	-2.791	-3.240	-3.582	-3.697	-4.210
461	4.60	-4.476	-4.604	-4.490	-4.053	-3.263	-2.151	-0.821	0.561	1.787	2.644
471	4.70	2.971	2.710	1.937	0.853	-0.272	-1.183	-1.731	-1.918	-1.878	-1.810
481	4.80	-1.875	-2.115	-2.427	-2.604	-2.428	-1.762	-0.617	0.844	2.360	3.648
491	4.90	4.478	4.715	4.332	3.395	2.043	0.475	-1.072	-2.353	-3.161	-3.384

Table 7-14-2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1932 1315-GR-1-13 U-D (U-D) ONNETTO BRIDGE MAX. ACC. = 57.759 (GAL) T= 0.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-3.045	-2.300	-1.392	-0.561	0.036	0.362	0.496	0.541	0.550	0.474
511	5.10	0.191	-0.407	-1.311	-2.341	-3.174	-3.470	-3.029	-1.899	-0.387	1.065
521	5.20	2.060	2.427	2.284	1.968	1.852	2.148	2.778	3.399	3.558	2.902
531	5.30	1.355	-0.833	-3.186	-5.176	-6.430	-6.815	-6.442	-5.551	-4.387	-3.111
541	5.40	-1.783	-0.421	0.943	2.233	3.346	4.214	4.831	5.249	5.506	5.556
551	5.50	5.246	4.371	2.804	0.624	-1.821	-3.992	-5.350	-5.582	-4.758	-3.316
561	5.60	-1.889	-1.018	-0.913	-1.367	-1.865	-1.856	-1.032	0.506	2.293	3.721
571	5.70	4.334	4.038	3.124	2.097	1.408	1.324	1.360	1.411	0.995	-0.009
581	5.80	-1.373	-2.625	-3.292	-3.149	-2.356	-1.381	-0.778	-0.905	-1.751	-2.938
591	5.90	-3.914	-4.213	-3.677	-2.496	-1.088	0.132	0.961	1.484	1.992	2.782
601	6.00	3.965	5.377	6.643	7.351	7.246	6.335	4.861	3.160	1.503	-0.006
611	6.10	-1.407	-2.768	-4.055	-5.063	-5.481	-5.053	-3.746	-1.868	0.090	1.451
621	6.20	1.803	1.085	-0.352	-1.873	-2.816	-2.735	-1.579	0.325	2.402	4.045
631	6.30	4.815	4.545	3.749	1.544	-0.462	-2.227	-3.690	-4.220	-4.132	-3.439
641	6.40	-2.386	-1.292	-0.465	-0.102	-0.227	-0.681	-1.190	-1.481	-1.391	-0.929
651	6.50	-0.247	0.448	1.003	1.383	1.651	1.912	2.200	2.439	2.473	2.160
661	6.60	1.480	0.585	-0.263	-0.716	-0.687	-0.229	0.385	0.820	0.843	0.451
671	6.70	-0.137	-0.590	-0.653	-0.293	0.274	0.690	0.640	0.026	-0.973	-1.986
681	6.80	-2.637	-2.734	-2.365	-1.842	-1.524	-1.620	-2.066	-2.546	-2.675	-2.191
691	6.90	-1.116	0.239	1.419	2.043	1.996	1.484	0.934	0.780	1.251	2.250
701	7.00	3.394	4.182	4.224	3.404	1.937	0.272	-1.084	-1.755	-1.617	-0.815
711	7.10	0.315	1.371	2.015	2.057	1.481	0.426	-0.869	-2.127	-3.104	-3.643
721	7.20	-3.698	-3.340	-2.715	-1.987	-1.277	-0.629	-0.018	0.597	1.211	1.740
731	7.30	2.032	1.942	1.419	0.573	-0.336	-0.984	-1.126	-0.710	0.079	0.890
741	7.40	1.363	1.305	0.795	0.166	-0.143	0.217	1.312	2.869	4.360	5.206
751	7.50	5.019	3.715	1.627	-0.703	-2.691	-3.923	-4.267	-3.870	-3.037	-2.081
761	7.60	-1.202	-0.442	0.262	0.956	1.774	2.516	3.075	3.314	3.172	2.700
771	7.70	2.034	1.338	0.705	0.185	-0.268	-0.721	-1.205	-1.685	-2.061	-2.218
781	7.80	-2.078	-1.646	-1.015	-0.336	0.241	0.611	0.745	0.684	0.502	0.275
791	7.90	0.049	-0.164	-0.369	-0.572	-0.756	-0.874	-0.880	-0.722	-0.384	0.113
801	8.00	0.700	1.275	1.715	1.910	1.789	1.349	0.659	-0.149	-0.920	-1.523
811	8.10	-1.903	-2.091	-2.195	-2.334	-2.572	-2.870	-3.079	-2.998	-2.461	-1.427
821	8.20	-0.017	1.507	2.837	3.729	4.094	4.011	3.674	3.283	2.948	2.660
831	8.30	2.227	1.558	0.579	-0.459	-1.919	-2.967	-3.612	-3.802	-3.626	-3.243
841	8.40	-2.794	-2.321	-1.744	-1.019	-0.039	1.089	2.138	2.823	2.925	2.408
851	8.50	1.462	0.442	-0.277	-0.454	-0.090	0.577	1.184	1.404	1.094	0.351
861	8.60	-0.533	-1.208	-1.418	-1.110	-0.444	0.283	0.771	0.837	0.481	-0.130
871	8.70	-0.747	-1.138	-1.184	-0.908	-0.453	-0.018	0.223	0.183	-0.108	-0.509
881	8.80	-0.822	-0.855	-0.497	0.232	1.162	2.013	2.472	2.306	1.462	0.108
891	8.90	-1.386	-2.566	-3.043	-2.643	-1.486	0.047	1.439	2.227	2.175	1.362
901	9.00	0.162	-0.995	-1.624	-1.548	-0.870	0.069	0.831	1.077	0.695	-0.163
911	9.10	-1.158	-1.916	-2.187	-1.939	-1.348	-0.705	-0.275	-0.174	-0.336	-0.551
921	9.20	-0.586	-0.301	0.274	0.954	1.489	1.687	1.516	1.121	0.765	0.694
931	9.30	1.010	1.596	2.151	2.306	1.801	0.615	-0.984	-2.522	-3.495	-3.564
941	9.40	-2.706	-1.226	0.368	1.472	1.796	1.297	0.276	-0.776	-1.378	-1.262
951	9.50	-0.465	0.692	1.746	2.278	2.065	1.152	-0.193	-1.598	-2.728	-3.393
961	9.60	-3.578	-3.393	-3.014	-2.579	-2.157	-1.740	-1.283	-0.745	-0.123	0.545
971	9.70	1.192	1.751	2.173	2.443	2.573	2.594	2.544	2.452	2.328	2.160
981	9.80	1.920	1.582	1.142	0.646	0.184	-0.124	-0.183	0.027	0.419	0.808
991	9.90	0.975	0.758	0.132	-0.761	-1.655	-2.271	-2.434	-2.155	-1.628	-1.136

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

INDEX NO. 1932 1315-GR-1-13 U-D (U-D) ONNETTO BRIDGE MAX. ACC. = 57.759 (GAL) T= 0.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.913	-1.023	-1.328	-1.546	-1.394	-0.735	0.346	1.566	2.573	3.102
1011	10.10	3.092	2.697	2.192	1.821	1.667	1.610	1.398	0.795	-0.282	-1.684
1021	10.20	-3.081	-4.088	-4.431	-4.055	-3.133	-1.978	-0.904	-0.101	0.410	0.736
1031	10.30	1.020	1.339	1.662	1.867	1.821	1.460	0.833	0.091	-0.576	-1.011
1041	10.40	-1.143	-0.996	-0.656	-0.215	0.246	0.685	1.073	1.370	1.517	1.448
1051	10.50	1.120	0.547	-0.193	-0.972	-1.662	-2.171	-2.481	-2.636	-2.710	-2.762
1061	10.60	-2.790	-2.729	-2.467	-1.907	-1.013	0.142	1.382	2.464	3.158	3.521
1071	10.70	2.958	2.231	1.407	0.772	0.523	0.697	1.157	1.645	1.893	1.729
1081	10.80	1.156	0.339	-0.460	-1.008	-1.191	-1.058	-0.781	-0.551	-0.477	-0.526
1091	10.90	-0.547	-0.362	0.119	0.818	1.495	1.844	1.632	0.820	-0.392	-1.630
1101	11.00	-2.487	-2.683	-2.179	-1.181	-0.059	0.804	1.154	0.941	0.314	-0.465
1111	11.10	-1.125	-1.481	-1.475	-1.161	-0.663	-0.119	0.352	0.673	0.803	0.744
1121	11.20	0.537	0.262	0.027	-0.062	0.061	0.387	0.828	1.237	1.468	1.427
1131	11.30	1.113	0.613	0.059	-0.429	-0.795	-1.052	-1.251	-1.431	-1.571	-1.579
1141	11.40	-1.336	-0.761	0.123	1.161	2.102	2.681	2.726	2.224	1.339	0.349
1151	11.50	-0.461	-0.906	-0.967	-0.783	-0.580	-0.565	-0.835	-1.331	-1.873	-2.237
1161	11.60	-2.254	-1.886	-1.237	-0.516	0.055	0.324	0.268	-0.003	-0.297	-0.420
1171	11.70	-0.251	0.211	0.847	1.445	1.869	1.933	1.636	1.074	0.418	-0.145
1181	11.80	-0.476	-0.530	-0.363	-0.108	0.079	0.079	-0.151	-0.561	-1.035	-1.437
1191	11.90	-1.655	-1.638	-1.401	-1.003	-0.515	0.004	0.512	0.971	1.331	1.521
1201	12.00	1.467	1.137	0.585	-0.036	-0.497	-0.567	-0.116	0.814	1.989	3.046
1211	12.10	3.618	3.476	2.627	1.322	-0.029	-1.012	-1.363	-1.060	-0.319	0.505
1221	12.20	1.069	1.168	0.801	0.142	-0.553	-1.060	-1.269	-1.198	-0.952	-0.643
1231	12.30	-0.332	-0.009	0.378	0.859	1.396	1.871	2.122	2.015	1.511	0.702
1241	12.40	-0.207	-0.984	-1.357	-1.282	-0.775	0.007	0.846	1.532	1.925	1.974
1251	12.50	1.716	1.242	0.665	0.087	-0.404	-0.743	-0.880	-0.791	-0.482	-0.009
1261	12.60	0.524	0.974	1.202	1.119	0.724	0.118	-0.515	-0.973	-1.106	-0.870
1271	12.70	-0.352	0.273	0.808	1.120	1.193	1.132	1.104	1.255	1.630	2.139
1281	12.80	2.592	2.781	2.580	2.006	1.229	0.499	0.048	-0.010	0.282	0.747
1291	12.90	1.161	1.353	1.268	0.979	0.628	0.348	0.186	0.090	-0.063	-0.387
1301	13.00	-0.920	-1.596	-2.268	-2.774	-3.012	-2.980	-2.768	-2.502	-2.278	-2.112
1311	13.10	-1.942	-1.674	-1.246	-0.683	-0.103	0.328	0.670	0.282	-0.150	-0.641
1321	13.20	-0.978	-1.012	-0.721	-0.218	0.292	0.594	0.551	0.153	-0.481	-1.153
1331	13.30	-1.659	-1.860	-1.724	-1.325	-0.808	-0.336	-0.038	0.027	-0.125	-0.419
1341	13.40	-0.753	-1.035	-1.213	-1.286	-1.304	-1.342	-1.475	-1.739	-2.115	-2.526
1351	13.50	-2.654	-2.982	-2.833	-2.402	-1.768	-1.071	-0.467	-0.083	0.023	-0.114
1361	13.60	-0.390	-0.673	-0.843	-0.837	-0.661	-0.383	-0.098	0.103	0.165	0.078
1371	13.70	-0.125	-0.391	-0.663	-0.897	-1.067	-1.165	-1.192	-1.155	-1.067	-0.943
1381	13.80	-0.801	-0.638	-0.522	-0.387	-0.231	-0.025	0.257	0.619	1.033	1.442
1391	13.90	1.773	1.957	1.959	1.766	1.491	1.152	0.851	0.645	0.554	0.558
1401	14.00	0.615	0.674	0.694	0.652	0.543	0.371	0.168	-0.115	-0.401	-0.688
1411	14.10	-0.965	-1.140	-1.244	-1.245	-1.144	-0.957	-0.706	-0.415	-0.110	0.184
1421	14.20	0.431	0.591	0.630	0.533	0.323	0.058	-0.185	-0.342	-0.393	-0.381
1431	14.30	-0.396	-0.534	-0.839	-1.269	-1.685	-1.900	-1.748	-1.161	-0.210	0.905
1441	14.40	1.921	2.605	2.830	2.613	2.096	1.474	0.923	0.538	0.314	0.180
1451	14.50	0.039	-0.178	-0.487	-0.850	-1.200	-1.462	-1.574	-1.498	-1.225	-0.776
1461	14.60	-0.207	0.397	0.943	1.354	1.607	1.740	1.840	1.996	2.239	2.505
1471	14.70	2.647	2.494	1.944	1.036	-0.029	-0.950	-1.447	-1.383	-0.833	-0.060
1481	14.80	0.594	0.862	0.669	0.158	-0.387	-0.674	-0.542	-0.025	0.689	1.360
1491	14.90	1.822	2.049	2.134	2.203	2.310	2.382	2.255	1.772	0.894	-0.237

Table 7-14-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1932 1315-GR-1-13 U-D (U-D) ONNETTO BRIDGE MAX. ACC. = 57.759 (GAL) T= 0.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-1.338	-2.098	-2.321	-2.012	-1.372	-0.690	-0.199	0.031	0.109	0.241
1511	15.10	0.590	1.173	1.831	2.312	2.401	2.043	1.381	0.690	0.245	0.185
1521	15.20	0.457	0.853	1.134	1.154	0.929	0.619	0.418	0.437	0.635	0.835
1531	15.30	0.827	0.492	-0.122	-0.808	-1.293	-1.373	-1.009	-0.343	0.368	0.884
1541	15.40	1.087	1.025	0.876	0.844	1.054	1.499	2.010	2.483	2.659	2.488
1551	15.50	1.991	1.259	0.407	-0.460	-1.256	-1.900	-2.304	-2.381	-2.079	-1.423
1561	15.60	-0.539	0.167	1.065	1.389	1.300	0.907	0.425	0.094	0.079	0.412
1571	15.70	0.986	1.601	2.046	2.174	1.942	1.412	0.710	-0.029	-0.693	-1.222
1581	15.80	-1.592	-1.802	-1.857	-1.754	-1.494	-1.086	-0.563	0.024	0.604	1.108
1591	15.90	1.477	1.677	1.703	1.576	1.333	1.019	0.675	0.327	-0.011	-0.335
1601	16.00	-0.632	-0.881	-1.013	-1.073	-0.940	-0.641	-0.218	0.253	0.672	0.950
1611	16.10	1.038	0.911	0.627	0.250	-0.141	-0.469	-0.675	-0.719	-0.581	-0.271
1621	16.20	0.163	0.537	1.041	1.266	1.246	0.987	0.573	0.140	-0.173	-0.290
1631	16.30	-0.225	-0.081	0.000	-0.096	-0.395	-0.816	-1.202	-1.393	-1.299	-0.945
1641	16.40	-0.467	-0.056	0.124	-0.005	-0.410	-0.971	-1.545	-2.017	-2.344	-2.540
1651	16.50	-2.650	-2.703	-2.697	-2.605	-2.401	-2.097	-1.746	-1.434	-1.232	-1.166
1661	16.60	-1.196	-1.226	-1.161	-0.935	-0.558	-0.106	0.302	0.550	0.565	0.336
1671	16.70	-0.087	-0.617	-1.159	-1.628	-1.984	-2.138	-2.150	-2.035	-1.852	-1.677
1681	16.80	-1.579	-1.606	-1.761	-2.004	-2.263	-2.485	-2.550	-2.495	-2.302	-1.995
1691	16.90	-1.605	-1.171	-0.745	-0.406	-0.242	-0.335	-0.710	-1.306	-1.970	-2.494
1701	17.00	-2.691	-2.472	-1.898	-1.161	-0.512	-0.155	-0.154	-0.402	-0.675	-0.736
1711	17.10	-0.455	0.123	0.791	1.267	1.332	0.923	0.168	-0.670	-1.311	-1.576
1721	17.20	-1.454	-1.091	-0.712	-0.510	-0.566	-0.822	-1.126	-1.305	-1.250	-0.948
1731	17.30	-0.483	0.010	0.401	0.604	0.593	0.398	0.063	-0.331	-0.720	-1.043
1741	17.40	-1.254	-1.335	-1.300	-1.193	-1.065	-0.954	-0.857	-0.732	-0.521	-0.197
1751	17.50	0.205	0.578	0.778	0.684	0.280	-0.326	-0.919	-1.257	-1.173	-0.655
1761	17.60	0.134	0.917	1.408	1.430	0.990	0.269	-0.450	-0.905	-0.953	-0.617
1771	17.70	-0.057	0.513	0.916	1.085	1.067	0.975	0.923	0.954	1.032	1.061
1781	17.80	0.955	0.693	0.348	0.069	0.022	0.314	0.939	1.771	2.599	3.205
1791	17.90	3.436	3.262	2.782	2.181	1.662	1.381	1.392	1.646	2.014	2.347
1801	18.00	2.526	2.497	2.289	1.988	1.710	1.559	1.600	1.840	2.232	2.687
1811	18.10	3.099	3.377	3.471	3.388	3.192	2.987	2.877	2.930	3.152	3.481
1821	18.20	3.821	4.084	4.235	4.305	4.381	4.554	4.864	5.270	5.652	5.867
1831	18.30	5.807	5.460	4.917	4.334	3.861	3.582	3.486	3.494	3.529	3.572
1841	18.40	3.689	3.985	4.526	5.252	5.948	6.289	5.962	4.806	2.912	0.617

Table 7-15-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1933 1315-GR-1-13 HB. (HB.) ONNETTO BRIDGE MAX. ACC. = 125.040 (GAL) T= 0.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	42.229	70.875	97.695	117.095	125.040	120.229	104.422	81.856	57.965	37.823
11	0.10	24.788	19.649	20.538	23.600	24.257	18.757	5.576	-13.801	-35.058	-52.272
21	0.20	-59.889	-54.863	-38.000	-14.317	8.529	22.631	22.606	7.550	-18.600	-48.460
31	0.30	-73.860	-88.559	-90.355	-81.178	-65.863	-49.874	-37.123	-28.766	-23.377	-18.229
41	0.40	-10.971	-0.877	10.866	21.727	29.222	31.820	29.542	23.729	16.305	8.989
51	0.50	2.800	-1.968	-5.461	-7.789	-9.015	-8.983	-7.563	-4.735	-0.521	5.191
61	0.60	12.755	22.618	34.884	46.769	62.261	72.290	75.506	69.426	53.529	29.777
71	0.70	2.303	-23.696	-43.440	-53.855	-54.210	-45.943	-31.863	-15.052	1.906	16.411
81	0.80	27.612	34.147	35.020	29.591	17.985	1.427	-17.799	-36.875	-53.301	-65.706
91	0.90	-74.183	-79.940	-84.392	-88.100	-90.133	-86.225	-79.769	-63.255	-39.485	-11.956
101	1.00	13.919	32.520	40.051	36.033	23.641	8.647	-2.623	-5.554	1.162	15.217
111	1.10	31.755	43.348	52.086	50.953	44.008	35.362	29.469	29.412	35.860	47.010
121	1.20	59.412	69.254	73.560	70.897	61.442	46.551	28.146	8.205	-11.484	-29.354
131	1.30	-43.998	-54.215	-59.147	-58.335	-53.355	-44.547	-34.108	-23.913	-15.445	-9.544
141	1.40	-6.419	-5.851	-7.461	-10.886	-15.803	-21.808	-28.287	-34.382	-39.124	-41.674
151	1.50	-41.579	-38.886	-34.062	-27.750	-20.471	-12.430	-3.517	6.491	17.618	29.434
161	1.60	40.966	50.849	57.670	60.375	58.611	52.872	44.408	34.927	26.180	19.545
171	1.70	15.719	14.598	15.364	16.767	17.514	16.663	13.906	9.654	4.890	0.827
181	1.80	-1.507	-1.636	0.179	3.004	5.506	6.366	4.664	0.148	-6.722	-14.917
191	1.90	-23.134	-30.122	-34.958	-37.207	-36.941	-34.648	-31.061	-26.968	-23.057	-19.805
201	2.00	-17.454	-16.043	-15.487	-15.674	-16.517	-17.967	-19.961	-22.332	-24.736	-26.619
211	2.10	-27.276	-25.988	-22.217	-15.793	-7.938	3.236	13.857	23.527	31.116	35.916
221	2.20	37.789	37.175	34.939	32.119	29.640	28.085	27.583	27.835	28.253	28.152
231	2.30	26.968	24.299	20.175	14.881	9.023	3.436	-0.943	-3.271	-3.039	-0.316
241	2.40	4.119	8.837	12.063	12.180	8.280	0.556	-9.649	-20.185	-28.782	-33.799
251	2.50	-34.774	-32.543	-28.869	-25.727	-24.526	-25.579	-28.037	-30.290	-30.653	-28.063
261	2.60	-22.481	-14.892	-6.908	-0.169	4.196	5.884	5.405	3.790	2.199	1.546
271	2.70	2.276	4.327	7.230	10.309	12.887	14.465	14.846	14.181	12.932	11.760
281	2.80	11.340	12.167	14.386	17.719	21.506	24.847	26.814	26.659	23.992	18.880
291	2.90	11.875	3.959	-3.595	-9.447	-12.483	-12.125	-8.573	-2.871	3.276	7.931
301	3.00	9.476	7.133	1.239	-6.841	-15.136	-21.708	-25.243	-25.406	-22.820	-18.717
311	3.10	-14.415	-10.851	-8.338	-6.613	-5.109	-3.312	-1.022	1.564	3.958	5.602
321	3.20	6.085	5.281	3.365	0.746	-2.050	-4.688	-6.102	-6.562	-5.731	-3.707
331	3.30	-0.831	2.358	5.260	7.394	8.573	9.005	9.252	10.037	11.965	15.232
341	3.40	19.464	23.737	26.815	27.538	25.247	20.081	13.048	5.796	0.144	-2.499
351	3.50	-1.629	2.116	7.104	11.208	12.507	9.949	3.724	-4.789	-13.518	-20.425
361	3.60	-24.219	-24.753	-22.976	-20.461	-18.729	-18.640	-20.118	-22.273	-23.864	-23.859
371	3.70	-21.868	-18.151	-13.611	-9.197	-5.634	-3.200	-1.756	-0.933	-0.348	0.283
381	3.80	1.156	2.468	4.474	7.428	11.414	16.166	20.998	24.931	27.021	26.737
391	3.90	24.231	20.341	16.306	13.301	12.006	12.380	13.753	15.162	15.766	15.140
401	4.00	13.323	10.637	7.397	3.715	-0.521	-5.451	-10.991	-16.661	-21.648	-25.075
411	4.10	-26.381	-25.591	-23.355	-20.700	-18.623	-17.693	-17.874	-18.616	-19.166	-18.927
421	4.20	-17.682	-15.593	-13.011	-10.214	-7.251	-3.961	-0.156	4.169	8.726	13.017
431	4.30	16.540	19.128	20.861	22.152	23.372	24.578	25.380	25.078	23.013	18.973
441	4.40	13.439	7.503	2.485	-0.599	-1.666	-0.683	0.584	1.095	0.065	-2.607
451	4.50	-6.192	-9.685	-12.172	-13.225	-13.004	-12.087	-11.141	-10.626	-10.662	-11.087
461	4.60	-11.645	-12.143	-12.493	-12.633	-12.391	-11.436	-9.368	-5.936	-1.275	3.994
471	4.70	8.879	12.334	13.645	12.703	10.049	6.657	3.566	1.520	0.778	1.146
481	4.80	2.179	3.415	4.538	5.385	5.857	5.819	5.091	3.545	1.256	-1.405
491	4.90	-3.825	-5.364	-5.642	-4.770	-3.372	-2.380	-2.663	-4.645	-8.080	-12.095

Table 7-15-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1933 1315-GR-1-13 HB. (HB.) ONNETTO BRIDGE MAX. ACC. = 125.040 (GAL) T= 0.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-15.469	-17.047	-16.108	-12.574	-6.996	-0.334	6.309	11.954	15.914	17.861
511	5.10	17.819	16.112	13.172	10.041	7.041	4.831	3.581	3.546	4.117	4.982
521	5.20	5.703	6.137	6.240	6.109	5.730	4.950	3.451	0.914	-2.762	-7.286
531	5.30	-11.956	-15.851	-18.152	-18.482	-17.076	-14.715	-12.421	-11.040	-10.902	-11.705
541	5.40	-12.676	-12.938	-11.899	-9.508	-6.240	-2.851	-0.012	1.985	3.316	4.471
551	5.50	5.940	7.908	10.118	11.965	12.801	12.288	10.824	8.531	6.996	6.670
561	5.60	8.506	11.598	15.292	18.507	20.338	20.351	18.675	15.849	12.541	9.256
571	5.70	6.170	3.158	-0.039	-3.600	-7.465	-11.320	-14.706	-17.195	-18.552	-18.604
581	5.80	-18.200	-17.108	-15.899	-14.807	-13.986	-13.430	-13.044	-12.667	-12.084	-11.082
591	5.90	-9.504	-7.319	-4.678	-1.910	0.574	2.423	3.512	4.021	4.401	5.210
601	6.00	6.884	9.535	12.869	16.276	19.037	20.591	20.719	19.593	17.670	15.483
611	6.10	13.434	11.674	10.115	8.534	6.734	4.655	2.406	0.217	-1.658	-3.037
621	6.20	-3.855	-4.172	-4.147	-4.015	-4.064	-4.617	-5.975	-8.354	-11.661	-15.615
631	6.30	-19.533	-22.556	-23.856	-22.914	-19.736	-16.908	-14.455	-12.528	-11.035	-10.448
641	6.40	0.777	0.102	-0.441	-0.098	1.237	3.939	6.791	9.261	10.814	11.306
651	6.50	11.018	10.506	10.368	11.004	12.481	14.531	16.658	18.298	18.968	18.352
661	6.60	16.338	13.011	8.645	3.689	-1.276	-5.610	-8.756	-10.402	-10.608	-9.830
671	6.70	-8.794	-8.253	-8.702	-10.185	-12.265	-14.215	-15.332	-15.252	-14.115	-12.503
681	6.80	-11.153	-10.601	-10.894	-11.536	-11.685	-10.535	-7.694	-3.395	1.560	6.115
691	6.90	9.373	10.945	11.063	10.430	9.875	9.981	10.850	12.092	13.039	13.063
701	7.00	11.858	9.560	6.685	3.910	1.634	0.787	0.781	1.562	2.736	3.892
711	7.10	4.678	4.837	4.217	2.780	0.628	-1.989	-4.691	-7.057	-8.738	-9.571
721	7.20	-9.638	-9.211	-8.634	-8.155	-7.814	-7.433	-6.724	-5.460	-3.636	-1.531
731	7.30	0.387	1.547	1.679	0.758	-0.891	-2.744	-4.274	-5.134	-5.230	-4.672
741	7.40	-3.637	-2.236	-0.461	1.752	4.380	7.176	9.640	11.131	11.107	9.377
751	7.50	6.259	2.538	-0.772	-2.777	-3.027	-1.671	0.620	2.920	4.401	4.614
761	7.60	3.596	1.781	-0.228	-1.899	-2.926	-3.253	-2.985	-2.271	-1.238	0.003
771	7.70	1.291	2.367	2.905	2.630	1.472	-0.323	-2.215	-3.540	-3.781	-2.797
781	7.80	-0.931	1.163	2.495	2.672	1.541	-0.462	-2.715	-3.898	-3.961	-2.672
791	7.90	-0.472	1.944	3.830	4.674	4.327	3.002	1.153	-0.686	-2.047	-2.626
801	8.00	-2.323	-1.238	0.358	2.081	3.520	4.361	4.390	3.752	2.726	1.716
811	8.10	1.071	0.937	1.194	1.512	1.504	0.914	-0.262	-1.764	-3.187	-4.150
821	8.20	-4.444	-4.086	-3.258	-2.180	-1.000	0.233	1.505	2.723	3.665	3.916
831	8.30	3.221	1.491	-0.965	-3.470	-5.194	-5.688	-4.088	-1.451	1.556	3.875
841	8.40	4.602	3.705	1.521	-1.600	-4.035	-5.180	-5.713	-5.051	-3.915	-2.410
851	8.50	4.319	5.051	4.446	2.622	-0.078	-3.144	-5.968	-7.925	-8.541	-7.622
861	8.60	-5.384	-2.433	0.391	2.296	2.841	2.106	0.663	-0.674	-1.213	-0.703
871	8.70	0.554	1.840	2.366	1.658	-0.192	-2.562	-4.457	-5.107	-4.128	-1.765
881	8.80	1.231	3.916	5.512	5.676	4.562	2.694	0.717	-0.838	-1.695	-1.844
891	8.90	-1.458	-0.776	-0.020	0.634	1.060	1.170	0.927	0.360	-0.420	-1.247
901	9.00	-1.956	-2.443	-2.706	-2.828	-2.923	-3.068	-3.268	-3.474	-3.636	-3.751
911	9.10	-3.862	-3.996	-4.084	-3.908	-3.152	-1.537	0.983	4.102	7.172	9.400
921	9.20	10.151	9.229	7.007	4.308	2.087	1.042	1.332	2.535	3.867	4.570
931	9.30	4.263	3.121	1.769	0.960	1.197	2.473	4.246	5.479	5.996	4.821
941	9.40	2.323	-0.865	-3.907	-6.081	-7.009	-6.715	-5.526	-3.880	-2.151	-0.565
951	9.50	0.783	1.847	2.553	2.776	2.397	1.395	-0.087	-1.725	-3.105	-3.855
961	9.60	-3.796	-3.025	-1.901	-0.927	-0.558	-0.992	-2.063	-3.233	-3.756	-2.934
971	9.70	-0.436	3.507	8.072	12.034	14.150	13.598	10.325	5.132	-0.529	-5.027
981	9.80	-7.110	-6.369	-3.297	0.714	4.059	5.412	4.221	0.883	-3.430	-7.219
991	9.90	-9.212	-8.805	-6.251	-2.536	0.985	3.055	2.926	0.577	-3.303	-7.554

Table 7-15-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1933 1315-GR-1-13 HB. (HB.) ONNETTO BRIDGE MAX. ACC. = 125.040 (GAL) T= 0.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-10.907	-12.374	-11.526	-8.616	-4.478	-0.271	2.889	4.265	3.724	1.754
1011	10.10	-0.723	-2.684	-3.361	-2.497	-0.406	2.177	4.389	5.561	5.444	4.250
1021	10.20	2.528	0.924	-0.062	-0.221	0.343	1.317	2.326	3.066	3.365	3.178
1031	10.30	2.542	1.536	0.569	-1.102	-2.362	-3.253	-3.539	-3.100	-2.013	-0.574
1041	10.40	0.762	1.519	1.357	0.212	-1.644	-3.761	-5.669	-6.273	-5.921	-4.509
1051	10.50	-2.460	-0.380	1.135	1.704	1.290	0.215	-0.948	-1.580	-1.243	0.144
1061	10.60	2.262	4.487	6.113	6.604	5.797	3.964	1.717	-0.212	-1.225	-1.057
1071	10.70	0.163	1.986	3.819	5.124	5.556	5.018	3.621	1.620	-0.661	-2.856
1081	10.80	-4.585	-5.472	-5.243	-3.811	-1.387	1.507	4.133	5.758	5.902	4.536
1091	10.90	2.111	-0.596	-2.785	-3.936	-3.997	-3.371	-2.688	-2.502	-3.026	-4.041
1101	11.00	-5.116	-5.685	-5.509	-4.700	-3.661	-2.845	-2.484	-2.437	-2.251	-1.404
1111	11.10	0.382	2.939	5.658	7.736	8.538	7.905	6.242	4.354	3.077	2.900
1121	11.20	3.744	5.018	5.912	5.793	4.504	2.438	0.341	-1.041	-1.306	-0.559
1131	11.30	0.661	1.652	1.880	1.197	-0.135	-1.619	-2.796	-3.461	-3.736	-3.956
1141	11.40	-4.470	-5.414	-6.623	-7.692	-8.150	-7.678	-6.235	-4.082	-1.661	0.567
1151	11.50	2.278	3.357	3.881	4.034	4.014	3.967	3.971	4.019	4.204	4.431
1161	11.60	4.712	5.011	5.259	5.372	5.277	4.938	4.372	3.616	2.846	2.038
1171	11.70	1.343	0.731	0.224	-0.198	-0.578	-0.976	-1.475	-2.142	-3.019	-4.082
1181	11.80	-5.228	-6.294	-7.096	-7.492	-7.422	-6.932	-6.151	-5.236	-4.326	-3.501
1191	11.90	-2.781	-2.152	-1.594	-1.107	-0.703	-0.388	-0.137	0.120	0.478	1.015
1201	12.00	1.755	2.637	3.526	4.250	4.659	4.673	4.304	3.619	2.856	2.074
1211	12.10	1.410	0.910	0.553	0.268	-0.031	-0.417	-0.918	-1.501	-2.075	-2.511
1221	12.20	-2.686	-2.524	-2.031	-1.301	-0.503	0.198	0.665	0.842	0.756	0.469
1231	12.30	0.125	-0.279	-0.705	-1.145	-1.559	-1.845	-1.850	-1.422	-0.493	0.052
1241	12.40	2.357	3.650	4.352	4.209	3.589	1.494	-0.497	-2.564	-3.766	-4.540
1251	12.50	-4.709	-4.434	-3.923	-3.353	-2.826	-2.374	-1.995	-1.680	-1.431	-1.243
1261	12.60	-1.078	-0.865	-0.518	0.013	0.693	1.387	1.900	2.059	1.815	1.302
1271	12.70	0.822	0.752	1.391	2.826	4.834	7.022	8.765	9.590	9.250	7.816
1281	12.80	5.651	3.272	1.171	-0.335	-1.174	-1.488	-1.532	-1.547	-1.667	-1.887
1291	12.90	-2.108	-2.214	-2.140	-1.912	-1.624	-1.389	-1.276	-1.282	-1.341	-1.366
1301	13.00	-1.295	-1.129	-0.923	-0.754	-0.676	-0.689	-0.740	-0.752	-0.671	-0.491
1311	13.10	-0.263	-0.064	0.046	0.053	0.001	-0.037	0.005	0.116	0.353	0.559
1321	13.20	0.702	0.760	0.759	0.758	0.810	0.934	1.099	1.250	1.339	1.355
1331	13.30	1.335	1.337	1.405	1.539	1.698	1.825	1.890	1.906	1.915	1.934
1341	13.40	1.901	1.653	0.979	-0.275	-2.082	-4.163	-6.027	-7.118	-7.039	-5.738
1351	13.50	-3.581	-1.245	0.527	1.219	0.756	-0.470	-1.772	-2.466	-2.172	-0.970
1361	13.60	0.659	2.062	2.729	2.520	1.714	0.848	0.445	0.745	1.190	2.502
1371	13.70	2.920	2.480	1.191	-0.559	-2.186	-3.165	-3.257	-2.583	-1.536	-0.575
1381	13.80	-0.009	0.109	-0.038	-0.183	-0.143	0.071	0.271	0.210	-0.259	-1.078
1391	13.90	-1.987	-2.645	-2.792	-2.386	-1.625	-0.863	-0.438	-0.519	-1.026	-1.674
1401	14.00	-2.109	-2.065	-1.474	-0.492	0.609	1.543	2.135	2.356	2.287	2.028
1411	14.10	1.622	1.031	0.172	-0.993	-2.381	-3.769	-4.843	-5.318	-5.019	-4.105
1421	14.20	-2.754	-1.364	-0.279	0.307	0.387	0.116	-0.283	-0.626	-0.825	-0.896
1431	14.30	-0.907	-0.905	-0.878	-0.760	-0.494	-0.092	0.331	0.587	0.508	0.048
1441	14.40	-0.645	-1.260	-1.430	-0.902	0.320	1.926	3.392	4.166	3.904	2.628
1451	14.50	0.742	-1.107	-2.275	-2.380	-1.443	0.128	1.719	2.763	2.965	2.401
1461	14.60	1.448	0.589	0.196	0.366	0.906	1.448	1.629	1.266	0.428	-0.603
1471	14.70	-1.470	-1.898	-1.757	-1.164	-0.332	0.487	1.098	1.403	1.386	1.077
1481	14.80	0.525	-0.206	-1.019	-1.770	-2.290	-2.434	-2.151	-1.522	-0.750	-0.078
1491	14.90	0.314	0.408	0.355	0.420	0.848	1.736	2.969	4.247	5.201	5.549

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

INDEX NO. 1933 1315-GR-1-13 HB. (HB.) ONNETTO BRIDGE MAX. ACC. = 125.040 (GAL) T= 0.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	5.210	4.333	3.227	2.231	1.583	1.367	1.429	1.651	1.850	1.944
1511	15.10	1.942	1.891	1.825	1.717	1.488	1.050	0.367	-0.519	-1.494	-2.417
1521	15.20	-3.173	-3.712	-4.050	-4.235	-4.314	-4.301	-4.184	-3.940	-3.556	-3.027
1531	15.30	-2.351	-1.511	-0.473	0.778	2.196	3.632	4.863	5.642	5.806	5.378
1541	15.40	4.580	3.818	3.455	3.723	4.569	5.668	6.548	6.791	6.223	5.002
1551	15.50	3.552	2.384	1.840	2.032	2.610	3.082	2.941	1.904	0.035	-2.277
1561	15.60	-4.468	-6.016	-6.620	-6.283	-5.275	-4.005	-2.875	-2.166	-1.998	-2.340
1571	15.70	-3.040	-3.965	-4.825	-5.383	-5.369	-4.654	-3.127	-0.958	1.497	3.748
1581	15.80	5.323	5.935	5.608	4.684	3.713	3.242	3.600	4.758	6.329	7.712
1591	15.90	8.339	7.847	6.300	4.075	1.757	-0.092	-1.126	-1.314	-0.907	-0.314
1601	16.00	0.067	-0.021	-0.638	-1.670	-2.913	-4.152	-5.224	-6.032	-6.533	-6.715
1611	16.10	-6.593	-6.207	-5.634	-4.983	-4.364	-3.853	-3.488	-3.126	-2.744	-2.209
1621	16.20	-1.469	-0.536	0.515	1.587	2.597	3.494	4.257	4.866	5.294	5.501
1631	16.30	5.462	5.196	4.767	4.273	3.788	3.324	2.811	2.139	1.225	0.088
1641	16.40	-1.143	-2.236	-2.994	-3.343	-3.386	-3.366	-3.543	-4.051	-4.810	-5.540
1651	16.50	-5.900	-5.667	-4.876	-3.835	-2.989	-2.708	-3.077	-3.829	-4.449	-4.413
1661	16.60	-3.856	-1.727	0.248	1.778	2.318	1.711	0.253	-1.436	-2.694	-3.083
1671	16.70	-2.552	-1.398	-0.084	1.005	1.709	2.104	2.377	2.666	2.847	2.748
1681	16.80	2.094	0.789	-0.981	-2.772	-4.081	-4.474	-3.981	-2.928	-1.898	-1.451
1691	16.90	-1.874	-3.046	-4.487	-5.575	-5.814	-5.048	-3.525	-1.790	-0.456	0.032
1701	17.00	-0.439	-1.633	-3.069	-4.210	-4.652	-4.240	-3.092	-1.539	0.006	1.176
1711	17.10	1.755	1.722	1.240	0.581	0.022	-0.253	-0.217	-0.003	0.157	0.046
1721	17.20	-0.435	-1.206	-2.026	-2.588	-2.651	-2.154	-1.252	-0.261	0.471	0.711
1731	17.30	0.429	-0.200	-0.889	-1.376	-1.546	-1.460	-1.306	-1.263	-1.407	-1.630
1741	17.40	-1.697	-1.360	-0.502	0.771	2.142	3.185	3.536	3.042	1.824	0.240
1751	17.50	-1.259	-2.292	-2.882	-2.498	-1.993	-1.429	-1.187	-1.182	-1.318	-1.460
1761	17.60	-1.292	-0.723	0.219	1.362	2.466	3.309	3.760	3.807	3.543	3.110
1771	17.70	2.644	2.234	1.920	1.699	1.565	1.515	1.558	1.695	1.897	2.104
1781	17.80	2.236	2.227	2.059	1.780	1.490	1.302	1.294	1.471	1.766	2.073
1791	17.90	2.305	2.436	2.516	2.638	2.874	3.219	3.561	3.714	3.492	2.805
1801	18.00	1.720	0.468	-0.627	-1.253	-1.222	-0.540	0.606	1.917	3.089	3.918
1811	18.10	4.348	4.467	4.451	4.685	4.692	5.099	5.639	6.184	6.560	6.769
1821	18.20	6.615	6.225	5.889	5.161	4.798	4.713	4.937	5.411	6.011	6.590
1831	18.30	7.038	7.312	7.430	7.435	7.345	7.121	6.679	5.951	4.959	3.861
1841	18.40	2.933	2.476	2.680	3.509	4.661	5.646	5.959	5.276	3.592	1.242

Table 7-16-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1946 502-GR-S-7 HA. (HA.) KANMON BRIDGE MAX. ACC. = 97.504 (GAL) T= 2.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	1.835	-1.126	-3.333	-3.987	-3.159	-1.723	-0.856	-1.336	-3.043	-4.946
11	0.10	-5.616	-4.008	-0.126	4.831	8.917	10.327	8.265	3.388	-2.428	-6.889
21	0.20	-8.281	-6.192	-1.640	3.440	7.072	8.060	6.385	3.043	-0.534	-3.155
31	0.30	-4.296	-4.138	-3.249	-2.167	-1.120	-0.032	1.238	2.614	3.609	3.917
41	0.40	2.863	0.621	-2.137	-4.379	-5.187	-4.228	-1.977	0.449	1.802	1.311
51	0.50	-0.902	-3.817	-5.938	-5.970	-3.417	1.150	6.303	10.332	11.929	10.686
61	0.60	7.197	2.731	-1.303	-3.912	-4.805	-4.359	-3.296	-2.292	-1.692	-1.454
71	0.70	-1.306	-0.993	-0.461	0.125	0.510	0.538	0.263	-0.077	-0.233	-0.125
81	0.80	0.070	0.010	-0.593	-1.737	-3.042	-3.878	-3.685	-2.301	-0.123	2.019
91	0.90	3.248	3.093	1.775	0.141	-0.744	-0.161	1.839	4.391	6.205	6.217
101	1.00	4.168	0.794	-2.490	-4.283	-3.912	-1.796	0.756	2.217	1.659	-0.724
111	1.10	-3.671	-5.475	-4.873	-1.719	2.879	7.080	9.188	8.460	5.416	1.508
121	1.20	-1.661	-3.138	-3.005	-2.165	-1.665	-1.978	-2.671	-2.682	-1.056	2.274
131	1.30	6.162	8.629	7.824	3.102	-4.376	-11.905	-16.314	-15.396	-9.011	0.712
141	1.40	10.200	15.950	16.033	10.892	3.059	-4.043	-7.656	-6.852	-2.793	2.003
151	1.50	4.972	4.742	1.712	-2.288	-5.027	-5.051	-2.410	1.405	4.274	4.565
161	1.60	1.998	-2.178	-5.789	-6.803	-4.357	0.772	6.479	10.264	10.373	6.594
171	1.70	0.355	-5.904	-9.804	-10.032	-6.844	-1.853	2.708	5.068	4.547	1.772
181	1.80	-1.764	-4.679	-5.436	-4.681	-3.077	-1.737	-1.396	-2.037	-2.974	-3.286
191	1.90	-2.399	-0.455	1.710	2.989	2.605	0.560	-2.295	-4.621	-5.226	-3.647
201	2.00	-0.403	3.216	5.712	6.052	4.122	0.778	-2.531	-4.380	-3.956	-1.373
211	2.10	2.407	5.979	6.066	8.007	5.988	2.930	0.082	-1.515	-1.491	-0.343
221	2.20	0.759	0.492	-1.943	-6.295	-11.156	-14.418	-14.177	-9.713	-2.090	6.011
231	2.30	11.273	11.189	5.342	-4.168	-13.446	-18.475	-17.037	-9.885	-0.561	6.193
241	2.40	6.792	0.742	-8.863	-16.549	-17.288	-9.021	5.783	20.801	28.461	23.382
251	2.50	5.060	-21.471	-47.400	-63.533	-63.848	-47.659	-19.547	12.742	41.329	60.797
261	2.60	69.320	68.167	60.180	48.195	34.177	19.245	4.218	-9.931	-22.103	-31.514
271	2.70	-38.094	-42.406	-44.976	-45.456	-42.359	-33.610	-18.138	2.645	24.329	40.675
281	2.80	46.211	39.060	22.417	3.591	-9.258	-11.221	-3.410	7.280	11.870	3.487
291	2.90	-16.441	-39.431	-52.199	-44.804	-13.881	31.679	74.882	97.504	88.551	49.905
301	3.00	-3.831	-51.494	-74.813	-66.640	-33.998	5.605	32.802	35.714	15.446	-14.942
311	3.10	-37.362	-37.999	-14.300	23.802	58.925	74.891	64.594	33.170	-4.961	-33.502
321	3.20	-42.253	-31.633	-11.607	4.180	5.862	-7.402	-27.361	-41.114	-38.205	-16.314
331	3.30	17.229	48.826	65.097	59.206	33.938	0.161	-28.376	-41.284	-35.768	-17.097
341	3.40	4.661	19.743	23.080	15.966	4.523	-3.980	-4.959	1.386	10.525	16.212
351	3.50	13.767	2.465	-14.051	-29.399	-37.281	-34.191	-20.884	-2.066	15.485	25.539
361	3.60	24.760	13.904	-2.529	-18.029	-26.558	-24.850	-13.679	2.423	16.948	24.034
371	3.70	20.909	9.122	-6.024	-17.667	-20.358	-12.505	2.805	19.041	29.025	28.087
381	3.80	16.142	-2.235	-19.797	-29.758	-28.651	-17.648	-1.800	12.361	19.673	18.359
391	3.90	10.355	-0.047	-8.426	-12.215	-11.521	-8.542	-6.026	-5.679	-7.326	-9.200
401	4.00	-9.083	-5.653	0.716	8.058	13.746	15.716	13.378	7.796	1.126	-4.364
411	4.10	-7.191	-7.090	-4.866	-1.839	0.785	2.334	2.740	2.340	1.572	0.761
421	4.20	0.062	-0.480	-0.865	-1.021	-1.065	-1.161	-1.607	-2.689	-4.465	-6.598
431	4.30	-8.341	-8.737	-7.004	-2.942	2.809	8.820	13.254	14.489	11.746	5.482
441	4.40	-2.635	-10.210	-14.923	-15.356	-11.528	-4.925	2.040	6.923	8.174	5.713
451	4.50	0.919	-3.970	-6.802	-6.403	-3.050	1.670	5.546	6.673	4.236	-1.157
461	4.60	-7.725	-13.196	-15.668	-14.183	-9.203	-2.234	4.598	9.254	10.407	7.848
471	4.70	2.566	-3.523	-8.133	-9.344	-6.293	0.409	8.735	15.866	19.086	17.030
481	4.80	10.160	0.823	-7.586	-11.949	-10.718	-4.626	3.556	10.161	12.073	8.244
491	4.90	-0.022	-9.504	-16.433	-18.037	-13.630	-4.799	5.326	13.360	16.914	15.323

Table 7-16-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1946 502-GR-S-7 HA. (HA.) KANMON BRIDGE MAX. ACC. = 97.504 (GAL) T= 2.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	9.625	1.940	-5.409	-10.616	-12.743	-11.692	-7.971	-2.459	3.740	9.370
511	5.10	13.161	14.091	11.747	6.604	0.046	-5.993	-9.670	-9.919	-6.880	-1.849
521	5.20	3.225	6.516	6.994	4.778	0.965	-2.880	-5.354	-5.703	-3.977	-0.867
531	5.30	2.634	5.583	7.304	7.461	6.027	3.245	-0.397	-4.194	-7.310	-8.969
541	5.40	-8.702	-6.567	-3.199	0.361	3.025	4.075	3.450	1.767	0.053	-0.705
551	5.50	0.013	2.026	4.535	6.461	6.903	5.504	2.579	-1.044	-4.376	-6.650
561	5.60	-7.568	-7.307	-6.316	-5.020	-3.588	-1.897	0.294	3.059	6.068	8.564
571	5.70	9.598	8.451	5.048	0.139	-4.875	-8.454	-9.541	-8.029	-4.816	-1.409
581	5.80	0.774	1.065	-0.150	-1.662	-2.090	-0.641	2.429	5.906	8.246	8.415
591	5.90	6.497	3.714	1.789	1.983	4.286	7.264	8.693	6.733	1.043	-6.767
601	6.00	-13.660	-16.506	-13.614	-5.686	4.316	12.412	15.399	12.338	4.998	-3.000
611	6.10	-7.946	-7.855	-3.431	2.317	5.634	3.998	-2.485	-10.970	-17.172	-17.427
621	6.20	-10.561	1.390	13.961	22.196	22.851	15.817	4.119	-7.476	-14.501	-15.035
631	6.30	-9.662	-1.651	5.062	7.605	5.335	-0.125	-5.880	-9.228	-8.857	-5.264
641	6.40	-0.267	4.004	6.123	5.866	4.045	1.867	0.232	-0.658	-1.185	-1.872
651	6.50	-2.894	-3.879	-4.114	-3.014	-0.577	2.483	5.008	5.958	4.951	2.489
661	6.60	-0.262	-2.032	-2.057	-0.431	1.973	3.944	3.612	3.666	1.605	-0.674
671	6.70	-2.340	-3.010	-2.857	-2.398	-2.129	-2.213	-2.404	-2.238	-1.352	0.217
681	6.80	2.002	3.291	3.480	2.394	0.403	-1.726	-3.150	-3.319	-2.195	-0.256
691	6.90	1.716	2.949	2.972	1.772	-0.213	-2.253	-3.565	-3.563	-2.061	0.636
701	7.00	3.786	6.403	7.568	6.751	4.030	0.111	-3.899	-6.884	-8.129	-7.563
711	7.10	-5.721	-3.455	-1.519	-0.257	0.471	1.078	1.902	2.923	3.727	3.744
721	7.20	2.629	0.567	-1.724	-3.306	-3.504	-2.304	-0.397	1.158	1.516	0.514
731	7.30	-1.054	-2.097	-1.570	0.726	3.964	6.615	7.701	5.092	0.917	-3.653
741	7.40	-6.660	-5.295	-4.025	0.404	4.589	6.893	6.699	4.600	1.958	-0.999
751	7.50	-0.411	-0.011	0.214	-0.740	-3.111	-6.142	-8.439	-8.741	-6.653	-2.938
761	7.60	0.809	2.958	2.674	0.343	-2.637	-4.585	-4.412	-2.160	1.063	3.697
771	7.70	4.563	3.459	1.213	-0.817	-1.503	-0.553	1.372	3.054	3.418	2.130
781	7.80	-0.230	-2.489	-3.522	-2.844	-0.867	1.432	2.877	2.862	1.535	-0.323
791	7.90	-1.759	-2.158	-1.528	-0.432	0.390	0.452	-0.215	-1.112	-1.578	-1.172
801	8.00	0.075	1.689	3.005	3.495	3.006	1.782	0.306	-0.937	-1.627	-1.656
811	8.10	-1.052	0.096	1.663	3.422	4.973	5.761	5.236	3.130	-0.311	-4.273
821	8.20	-7.594	-9.199	-8.560	-5.955	-2.377	0.880	2.786	2.998	1.956	0.591
831	8.30	-0.183	0.057	1.056	2.065	2.287	1.340	-0.515	-2.503	-3.738	-3.682
841	8.40	-2.409	-0.539	1.112	1.962	1.929	1.399	0.915	0.793	0.901	0.732
851	8.50	-0.237	-2.127	-4.423	-6.093	-6.050	-3.737	0.473	5.284	8.940	9.950
861	8.60	7.743	2.955	-2.796	-7.553	-9.780	-8.932	-5.573	-1.063	3.062	5.588
871	8.70	6.071	4.851	2.581	0.151	-1.821	-2.991	-3.263	-3.098	-1.837	0.259
881	8.80	2.000	3.276	3.597	2.701	0.743	-1.664	-3.639	-4.361	-3.465	-1.243
891	8.90	1.625	3.432	3.928	2.720	0.387	-1.981	-3.180	-2.612	-0.403	2.551
901	9.00	4.994	5.875	4.817	2.287	-0.615	-2.653	-3.006	-1.621	0.755	2.941
911	9.10	3.847	2.974	0.639	-2.156	-4.159	-4.409	-2.652	0.556	4.081	6.702
921	9.20	7.591	6.618	4.336	1.672	-0.520	-1.826	-2.383	-2.700	-3.290	-4.309
931	9.30	-5.403	-5.858	-4.984	-2.559	0.951	4.162	6.702	6.782	4.628	1.075
941	9.40	-2.462	-4.607	-4.437	-2.809	-0.229	1.685	1.893	0.244	-2.439	-4.752
951	9.50	-5.393	-3.804	-0.470	3.289	5.916	6.327	4.396	0.986	-2.472	-4.637
961	9.60	-4.836	-3.286	-0.894	1.247	2.383	2.399	1.705	0.970	0.609	0.594
971	9.70	0.506	-0.153	-1.550	-3.340	-4.753	-4.976	-3.601	-0.907	2.198	4.572
981	9.80	5.363	4.416	2.335	0.169	-1.122	-1.141	-0.228	0.764	0.972	0.037
991	9.90	-1.652	-3.120	-3.316	-1.670	1.479	5.003	7.433	7.640	5.375	1.431

Table 7-16-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1946 502-GR-S-7 HA. (HA.) KANNON BRIDGE MAX. ACC. = 97.504 (GAL) T= 2.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-2.795	-5.755	-6.611	-5.489	-3.373	-1.575	-1.065	-1.998	-3.656	-4.822
1011	10.10	-4.431	-2.120	1.542	5.270	7.625	7.644	5.255	1.299	-2.860	-5.797
1021	10.20	-6.746	-5.638	-3.104	-0.122	2.415	3.974	4.456	4.071	3.122	1.867
1031	10.30	0.364	-1.147	-2.541	-3.466	-3.560	-2.609	-0.727	1.595	3.606	4.571
1041	10.40	4.086	2.274	-0.224	-2.486	-3.681	-3.410	-1.865	0.261	2.088	2.935
1051	10.50	2.608	1.471	0.249	-0.320	0.148	1.491	3.066	4.032	3.751	2.093
1061	10.60	-0.471	-3.047	-4.689	-4.799	-3.376	-1.011	1.357	2.837	2.935	1.721
1071	10.70	-0.238	-2.149	-3.320	-3.406	-2.482	-0.936	0.743	2.162	3.129	3.630
1081	10.80	3.730	3.473	2.852	1.852	0.545	-0.862	-2.044	-2.678	-2.592	-1.872
1091	10.90	-0.856	-0.008	0.272	-0.171	-1.184	-2.368	-3.253	-3.502	-3.036	-2.069
1101	11.00	-0.899	0.058	0.609	0.767	0.629	0.464	0.400	0.458	0.544	0.517
1111	11.10	0.284	-0.144	-0.644	-1.032	-1.152	-0.944	-0.485	0.039	0.390	0.373
1121	11.20	-0.089	-0.909	-1.653	-2.603	-2.850	-2.441	-1.355	0.198	1.878	3.321
1131	11.30	4.241	4.510	4.167	3.366	2.281	1.058	-0.229	-1.534	-2.779	-3.804
1141	11.40	-4.375	-4.259	-3.342	-1.651	0.477	2.608	4.277	5.150	5.120	4.314
1151	11.50	3.015	1.534	0.100	-1.179	-2.289	-3.235	-3.965	-4.356	-4.248	-3.537
1161	11.60	-2.251	-0.582	1.151	2.590	3.454	3.624	3.165	2.292	1.291	0.426
1171	11.70	-0.134	-0.346	-0.285	-0.103	0.041	0.035	-0.138	-0.385	-0.540	-0.421
1181	11.80	0.086	0.950	2.010	2.933	3.386	3.124	2.085	0.442	-1.435	-3.102
1191	11.90	-4.169	-4.430	-3.909	-2.838	-1.562	-0.417	0.373	0.749	0.799	0.700
1201	12.00	0.627	0.684	0.865	1.073	1.172	1.056	0.698	0.185	-0.330	-0.688
1211	12.10	-0.792	-0.660	-0.414	-0.221	-0.204	-0.366	-0.580	-0.645	-0.395	0.188
1221	12.20	0.931	1.518	1.628	1.092	0.004	-1.293	-2.336	-2.749	-2.419	-1.553
1231	12.30	-0.588	0.016	0.005	-0.543	-1.247	-1.606	-1.247	-0.123	1.449	2.916
1241	12.40	3.733	3.605	2.612	1.159	-0.204	-1.026	-1.127	-0.639	0.095	0.696
1251	12.50	0.917	0.720	0.247	-0.286	-0.702	-0.925	-0.982	-0.942	-0.858	-0.740
1261	12.60	-0.578	-0.381	-0.208	-0.160	-0.319	-0.687	-1.146	-1.492	-1.510	-1.082
1271	12.70	-0.255	0.762	1.674	2.230	2.330	2.062	1.658	1.372	1.355	1.574
1281	12.80	1.821	1.613	1.331	0.338	-0.985	-2.296	-3.228	-3.535	-3.191	-2.389
1291	12.90	-1.449	-0.679	-0.242	-0.104	-0.080	0.055	0.436	1.035	1.674	2.120
1301	13.00	2.211	1.947	1.486	1.056	0.821	0.781	0.765	0.524	-0.104	-1.066
1311	13.10	-2.066	-2.674	-2.529	-1.562	0.017	1.607	2.638	2.747	1.976	0.758
1321	13.20	-0.283	-0.646	-0.207	0.703	1.454	1.436	0.385	-1.445	-3.358	-4.519
1331	13.30	-4.339	-2.765	-0.323	2.092	3.607	3.744	2.605	0.803	-0.842	-1.667
1341	13.40	-1.447	-0.452	0.726	1.470	1.431	0.655	-0.472	-1.438	-1.850	-1.601
1351	13.50	-0.882	-0.058	0.525	0.688	0.477	0.097	-0.216	-0.319	-0.223	-0.067
1361	13.60	-0.030	-0.232	-0.676	-1.242	-1.746	-2.013	-1.943	-1.537	-0.881	-0.116
1371	13.70	0.617	1.211	1.610	1.817	1.870	1.819	1.701	1.517	1.231	0.797
1381	13.80	0.191	-0.544	-1.285	-1.845	-2.038	-1.750	-1.007	0.018	1.055	1.832
1391	13.90	2.179	2.081	1.673	1.155	0.692	0.337	0.025	-0.360	-0.882	-1.477
1401	14.00	-1.944	-2.028	-1.553	-0.537	0.765	1.945	2.593	2.477	1.649	0.428
1411	14.10	-0.724	-1.405	-1.432	-0.910	-0.170	0.389	0.476	0.024	-0.793	-1.652
1421	14.20	-2.220	-2.285	-1.818	-0.964	0.029	0.904	1.462	1.599	1.308	0.663
1431	14.30	-0.200	-1.104	-1.863	-2.322	-2.405	-2.139	-1.647	-1.100	-0.636	-0.298
1441	14.40	-0.018	0.334	0.867	1.570	2.284	2.744	2.699	2.039	0.874	-0.486
1451	14.50	-1.648	-2.296	-2.321	-1.852	-1.170	-0.560	-0.161	0.089	0.398	0.977
1461	14.60	1.888	2.967	3.867	4.211	3.774	2.604	1.023	-0.495	-1.521	-1.840
1471	14.70	-1.509	-0.803	-0.060	0.475	0.740	0.834	0.913	1.069	1.255	1.316
1481	14.80	1.093	0.544	-0.191	-0.832	-1.090	-0.825	-0.152	0.580	0.934	0.590
1491	14.90	-0.478	-1.949	-3.266	-3.866	-3.421	-2.005	-0.075	1.704	2.723	2.680

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

INDEX NO. 1946 502-GR-S-7 HA. (HA.) KANNON BRIDGE MAX. ACC. = 97.504 (GAL) T= 2.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.678	0.164	-1.282	-2.191	-2.380	-1.979	-1.312	-0.713	-0.358	-0.209
1511	15.10	-0.092	0.162	0.584	1.032	1.263	1.094	0.531	-0.178	-0.742	-0.810
1521	15.20	-0.347	0.405	1.005	1.027	0.293	-1.007	-2.370	-3.202	-3.096	-2.033
1531	15.30	-0.403	1.175	2.134	2.227	1.604	0.733	0.142	0.155	0.745	1.564
1541	15.40	2.139	2.115	1.426	0.308	-0.838	-1.650	-1.966	-1.865	-1.576	-1.315
1551	15.50	-1.158	-1.014	-0.703	-0.096	0.781	1.730	2.474	2.784	2.592	2.011
1561	15.60	1.258	0.541	-0.037	-0.493	-0.901	-1.292	-1.596	-1.652	-1.307	-0.521
1571	15.70	0.553	1.605	2.280	2.330	1.736	0.709	-0.373	-1.136	-1.345	-0.977
1581	15.80	-0.205	0.685	1.406	1.748	1.615	1.024	0.080	-1.048	-2.143	-2.972
1591	15.90	-3.340	-3.143	-2.419	-1.353	-0.214	0.739	1.357	1.641	1.707	1.693
1601	16.00	1.649	1.493	1.057	0.210	-1.015	-2.355	-3.390	-3.706	-3.100	-1.707
1611	16.10	0.025	1.509	2.277	2.181	1.464	0.625	0.176	0.378	1.107	1.909
1621	16.20	2.219	1.646	0.177	-1.788	-3.591	-4.590	-4.421	-3.139	-1.172	0.859
1631	16.30	2.391	3.106	2.999	2.314	1.390	0.514	-0.169	-0.653	-1.004	-1.271
1641	16.40	-1.440	-1.432	-1.183	-0.599	0.192	1.054	1.794	2.239	2.292	1.950
1651	16.50	1.291	0.439	-0.483	-1.278	-1.871	-2.133	-1.973	-1.378	-0.641	0.434
1661	16.60	1.514	1.912	1.613	0.619	-0.813	-2.235	-3.140	-3.159	-2.207	-0.560
1671	16.70	1.326	2.801	3.448	3.149	2.136	0.881	-0.116	-0.539	-0.374	0.112
1681	16.80	0.531	0.574	0.169	-0.489	-1.038	-1.135	-0.632	0.352	1.473	2.321
1691	16.90	2.588	2.186	1.255	0.082	-1.034	-1.880	-2.367	-2.505	-2.343	-1.928
1701	17.00	-1.313	-0.591	0.085	0.519	0.548	0.137	-0.560	-1.235	-1.540	-1.257
1711	17.10	-0.426	0.682	1.405	1.687	1.109	-0.048	-1.301	-2.027	-2.069	-1.210
1721	17.20	0.119	1.347	1.957	1.715	0.771	-0.427	-1.344	-1.602	-1.140	-0.214
1731	17.30	0.739	1.327	1.356	0.893	0.198	-0.425	-0.775	-0.815	-0.639	-0.379
1741	17.40	-0.110	0.188	0.580	1.095	1.649	2.050	2.076	1.606	0.715	-0.313
1751	17.50	-1.088	-1.287	-0.818	0.114	1.083	1.621	1.446	0.601	-0.546	-1.460
1761	17.60	-1.681	-1.047	0.220	1.600	2.496	2.508	1.595	0.118	-1.343	-2.237
1771	17.70	-2.280	-1.571	-0.527	0.317	0.583	0.124	-0.746	-1.586	-1.947	-1.605
1781	17.80	-0.683	0.494	1.377	1.604	1.071	-0.024	-1.254	-2.151	-2.388	-1.898
1791	17.90	-0.877	0.307	1.270	1.749	1.685	1.223	0.634	0.199	0.101	0.362
1801	18.00	0.838	1.281	1.435	1.132	0.369	-0.685	-1.738	-2.474	-2.666	-2.255
1811	18.10	-1.373	-0.289	0.695	1.352	1.599	1.508	1.239	0.948	0.716	0.522
1821	18.20	0.288	-0.047	-0.458	-0.818	-0.947	-0.706	-0.072	0.809	1.685	2.287
1831	18.30	2.443	2.143	1.537	0.844	0.254	-0.156	-0.428	-0.669	-0.958	-1.279
1841	18.40	-1.509	-1.482	-1.094	-0.381	0.542	1.351	1.816	1.809	1.370	0.876
1851	18.50	-0.042	-0.602	-0.993	-1.073	-1.107	-1.102	-1.054	-0.899	-0.569	-0.062
1861	18.60	0.521	0.999	1.182	0.961	0.368	-0.425	-1.172	-1.654	-1.764	-1.535
1871	18.70	-1.112	-0.668	-0.324	-0.111	0.036	0.209	0.463	0.776	1.051	1.169
1881	18.80	1.047	0.696	0.222	-0.208	-0.438	-0.388	-0.082	0.345	0.715	0.865
1891	18.90	0.711	0.277	-0.317	-0.899	-1.305	-1.432	-1.266	-0.879	-0.395	0.054
1901	19.00	0.379	0.550	0.598	0.564	0.561	0.546	0.511	0.405	0.187	-0.140
1911	19.10	-0.520	-0.857	-1.057	-1.069	-0.909	-0.654	-0.401	-0.224	-0.143	-0.114
1921	19.20	-0.073	0.041	0.233	0.458	0.643	0.730	0.708	0.610	0.495	0.394
1931	19.30	0.288	0.111	-0.205	-0.682	-1.250	-1.759	-2.034	-1.956	-1.517	-0.860
1941	19.40	-0.123	0.443	0.784	0.865	0.863	0.887	0.993	1.126	1.157	0.963
1951	19.50	0.518	-0.043	-0.565	-0.767	-0.562	-0.026	0.613	1.056	1.087	0.674
1961	19.60	-0.016	-0.689	-1.061	-0.983	-0.499	0.193	0.838	1.238	1.322	1.133
1971	19.70	0.771	0.317	-0.201	-0.784	-1.401	-1.941	-2.217	-2.036	-1.313	-0.154
1981	19.80	1.135	2.149	2.541	2.182	1.230	0.073	-0.829	-1.145	-0.812	-0.050
1991	19.90	0.755	1.234	1.208	0.761	0.180	-0.199	-0.166	0.262	0.848	1.295

Table 7-16-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1946 502-GR-S-7 HA. (HA.) KANNON BRIDGE MAX. ACC. = 97.504 (GAL) T= 2.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	1.213	0.649	-0.275	-1.236	-1.890	-2.021	-1.624	-0.884	-0.094	0.483
2011	20.10	0.708	0.604	0.316	0.027	-0.137	-0.150	-0.069	-0.077	-0.212	-0.516
2021	20.20	-0.914	-1.269	-1.443	-1.355	-1.023	-0.553	-0.105	0.179	0.226	0.057
2031	20.30	-0.225	-0.178	-0.592	-0.516	-0.277	0.047	0.369	0.629	0.816	0.947
2041	20.40	1.038	1.072	1.001	0.766	0.349	-0.194	-0.731	-1.087	-1.123	-0.792
2051	20.50	-0.175	0.548	1.168	1.531	1.593	1.424	1.151	0.886	0.664	0.439
2061	20.60	0.129	-0.310	-0.826	-1.265	-1.436	-1.202	-0.569	0.293	1.100	1.565
2071	20.70	1.521	0.993	0.186	-0.603	-1.112	-1.221	-0.991	-0.615	-0.324	-0.275
2081	20.80	-0.467	-0.846	-1.169	-1.295	-1.157	-0.804	-0.367	0.009	0.229	0.283
2091	20.90	0.240	0.203	0.256	0.417	0.636	0.809	0.829	0.627	0.206	-0.350
2101	21.00	-0.901	-1.292	-1.396	-1.163	-0.632	0.070	0.768	1.290	1.515	1.408
2111	21.10	1.025	0.483	-0.081	-0.557	-0.893	-1.088	-1.178	-1.199	-1.169	-1.077
2121	21.20	-0.903	-0.638	-0.303	0.056	0.383	0.635	0.807	0.926	1.035	1.165
2131	21.30	1.309	1.420	1.426	1.267	0.924	0.438	-0.095	-0.555	-0.830	-0.858
2141	21.40	-0.638	-0.233	0.256	0.716	1.049	1.197	1.146	0.922	0.581	0.193
2151	21.50	-0.171	-0.449	-0.598	-0.593	-0.452	-0.139	0.232	0.602	0.872	0.948
2161	21.60	0.775	0.361	-0.203	-0.762	-1.139	-1.200	-0.914	-0.374	0.220	0.638
2171	21.70	0.707	0.349	-0.199	-0.823	-1.228	-1.241	-0.836	-0.144	0.605	1.177
2181	21.80	1.425	1.324	0.959	0.466	-0.035	-0.481	-0.861	-1.183	-1.437	-1.577
2191	21.90	-1.542	-1.296	-0.866	-0.341	0.156	0.531	0.753	0.868	0.949	1.044
2201	22.00	1.120	1.079	0.812	0.284	-0.404	-1.024	-1.311	-1.087	-0.375	0.579
2211	22.10	1.388	1.686	1.313	0.380	-0.741	-1.587	-1.806	-1.320	-0.359	0.646
2221	22.20	1.262	1.252	0.678	-0.142	-0.796	-0.979	-0.632	0.038	0.679	0.968
2231	22.30	0.778	0.227	-0.384	-0.728	-0.617	-0.091	0.606	1.148	1.281	0.942
2241	22.40	0.282	-0.416	-0.869	-0.916	-0.577	-0.027	0.503	0.830	0.892	0.753
2251	22.50	0.551	0.408	0.372	0.394	0.366	0.188	-0.176	-0.664	-1.141	-1.456
2261	22.60	-1.508	-1.288	-0.887	-0.452	-0.125	0.018	-0.004	-0.095	-0.126	-0.008
2271	22.70	0.265	0.603	0.853	0.864	0.561	-0.014	-0.704	-1.292	-1.578	-1.459
2281	22.80	-0.974	-0.283	0.381	0.806	0.871	0.584	0.071	-0.478	-0.875	-1.001
2291	22.90	-0.830	-0.427	0.085	0.567	0.906	1.037	0.951	0.688	0.320	-0.071
2301	23.00	-0.413	-0.658	-0.788	-0.808	-0.733	-0.576	-0.338	-0.021	0.357	0.743
2311	23.10	1.044	1.151	0.979	0.523	-0.117	-0.749	-1.150	-1.153	-0.720	0.024
2321	23.20	0.836	1.446	1.671	1.488	1.032	0.533	0.197	0.110	0.203	0.298
2331	23.30	0.209	-0.150	-0.706	-1.258	-1.562	-1.460	-0.957	-0.225	0.464	0.864
2341	23.40	0.853	0.479	-0.076	-0.591	-0.906	-0.979	-0.885	-0.753	-0.692	-0.729
2351	23.50	-0.611	-0.842	-0.742	-0.491	-0.141	0.221	0.515	0.705	0.803	0.846
2361	23.60	0.857	0.824	0.705	0.459	0.083	-0.369	-0.797	-1.089	-1.175	-1.054
2371	23.70	-0.794	-0.494	-0.243	-0.072	0.047	0.179	0.388	0.692	1.050	1.376
2381	23.80	1.577	1.589	1.404	1.065	0.648	0.226	-0.151	-0.462	-0.705	-0.883
2391	23.90	-0.986	-0.998	-0.906	-0.710	-0.436	-0.125	0.178	0.439	0.646	0.803
2401	24.00	0.917	0.982	0.971	0.851	0.598	0.220	-0.227	-0.657	-0.973	-1.108
2411	24.10	-1.048	-0.843	-0.581	-0.355	-0.224	-0.190	-0.208	-0.213	-0.156	-0.031
2421	24.20	0.120	0.237	0.275	0.233	0.160	0.132	0.211	0.411	0.688	0.959
2431	24.30	1.145	1.212	1.184	1.127	1.099	1.103	1.070	0.888	0.458	-0.228
2441	24.40	-1.051	-1.779	-2.152	-1.981	-1.245	-0.118	1.079	1.993	2.365	2.125
2451	24.50	1.406	0.677	-0.366	-0.914	-1.110	-1.042	-0.873	-0.756	-0.763	-0.867
2461	24.60	-0.978	-0.995	-0.888	-0.620	-0.325	-0.067	0.105	0.194	0.253	0.345
2471	24.70	0.508	0.724	0.946	1.097	1.117	0.977	0.693	0.308	-0.124	-0.550
2481	24.80	-0.922	-1.198	-1.335	-1.299	-1.074	-0.677	-0.170	0.352	0.782	1.030
2491	24.90	1.057	0.876	0.550	0.164	-0.207	-0.517	-0.751	-0.915	-1.013	-1.035

Table 7-16-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1946 502-GR-S-7 HA. (HA.) KANNON BRIDGE MAX. ACC. = 97.504 (GAL) T= 2.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.951	-0.732	-0.372	0.092	0.570	0.940	1.087	0.939	0.507	-0.112
2511	25.10	-0.753	-1.236	-1.419	-1.243	-0.757	-0.093	0.570	1.068	1.300	1.249
2521	25.20	0.983	0.613	0.256	-0.011	-0.165	-0.238	-0.284	-0.359	-0.484	-0.648
2531	25.30	-0.811	-0.932	-0.949	-0.879	-0.732	-0.539	-0.333	-0.137	0.046	0.222
2541	25.40	0.401	0.581	0.749	0.827	0.935	0.900	0.765	0.546	0.272	-0.018
2551	25.50	-0.296	-0.533	-0.729	-0.875	-0.965	-0.977	-0.882	-0.650	-0.274	0.213
2561	25.60	0.736	1.186	1.450	1.452	1.181	0.705	0.160	-0.296	-0.531	-0.483
2571	25.70	-0.180	0.274	0.733	1.061	1.172	1.052	0.745	0.336	-0.090	-0.469
2581	25.80	-0.767	-0.979	-1.108	-1.158	-1.129	-1.017	-0.822	-0.561	-0.259	0.048
2591	25.90	0.326	0.566	0.691	0.747	0.710	0.576	0.354	0.087	-0.249	-0.541
2601	26.00	-0.758	-0.864	-0.869	-0.734	-0.564	-0.390	-0.252	-0.167	-0.127	-0.107
2611	26.10	-0.082	-0.037	0.021	0.078	0.114	0.124	0.116	0.114	0.140	0.206
2621	26.20	0.298	0.381	0.410	0.346	0.180	-0.066	-0.334	-0.562	-0.693	-0.702
2631	26.30	-0.602	-0.439	-0.267	-0.129	-0.035	0.035	0.119	0.252	0.439	0.647
2641	26.40	0.817	0.881	0.794	0.556	0.212	-0.161	-0.480	-0.687	-0.760	-0.712
2651	26.50	-0.570	-0.361	-0.094	0.229	0.605	1.003	1.363	1.601	1.661	1.665
2661	26.60	1.037	0.501	-0.039	-0.466	-0.899	-0.721	-0.566	-0.304	-0.002	0.293
2671	26.70	0.554	0.765	0.900	0.915	0.784	0.424	-0.023	-0.627	-1.093	-1.323
2681	26.80	-1.221	-0.797	-0.168	0.467	0.899	0.979	0.675	0.086	-0.599	-1.160
2691	26.90	-1.423	-1.313	-0.869	-0.221	0.463	1.029	1.380	1.494	1.409	1.202
2701	27.00	0.947	0.701	0.484	0.295	0.107	-0.098	-0.326	-0.553	-0.753	-0.887
2711	27.10	-0.928	-0.869	-0.730	-0.547	-0.383	-0.209	-0.096	-0.010	0.075	0.181
2721	27.20	0.309	0.137	0.522	0.520	0.404	0.184	-0.095	-0.366	-0.558	-0.616
2731	27.30	-0.531	-0.324	-0.019	0.230	0.448	0.558	0.370	0.091	-0.091	-0.258
2741	27.40	-0.609	-0.883	-1.004	-0.919	-0.618	-0.143	0.415	0.940	1.319	1.475
2751	27.50	1.382	1.073	0.624	0.126	-0.341	-0.724	-1.009	-1.204	-1.330	-1.397
2761	27.60	-1.393	-1.289	-1.048	-0.648	-0.108	0.507	1.082	1.485	1.599	1.369
2771	27.70	0.833	0.119	-0.581	-1.070	-1.211	-0.979	-0.470	0.129	0.605	0.798
2781	27.80	0.658	0.258	-0.241	-0.652	-0.860	-0.765	-0.487	-0.128	0.188	0.386
2791	27.90	0.469	0.494	0.537	0.663	0.795	0.925	0.942	0.782	0.441	-0.020
2801	28.00	-0.497	-0.885	-1.117	-1.184	-1.124	-1.001	-0.868	-0.748	-0.628	-0.483
2811	28.10	-0.290	-0.053	0.260	0.429	0.598	0.691	0.715	0.693	0.643	0.571
2821	28.20	0.466	0.310	0.094	-0.173	-0.453	-0.694	-0.843	-0.867	-0.763	-0.556
2831	28.30	-0.290	-0.012	0.241	0.446	0.597	0.691	0.724	0.686	0.566	0.358
2841	28.40	0.072	-0.264	-0.601	-0.883	-1.057	-1.089	-0.978	-0.752	-0.467	-0.187
2851	28.50	0.031	0.156	0.188	0.150	0.091	0.053	0.061	0.116	0.196	0.268
2861	28.60	0.303	0.287	0.229	0.148	0.072	0.017	-0.013	-0.029	-0.032	-0.098
2871	28.70	-0.179	-0.435	-0.594	-0.758	-0.912	-1.033	-1.085	-1.037	-0.861	-0.661
2881	28.80	-0.556	-0.140	0.252	0.581	0.735	0.663	0.375	-0.051	-0.491	-0.816
2891	28.90	-0.934	-0.828	-0.545	-0.195	0.099	0.246	0.214	0.038	-0.198	-0.397
2901	29.00	-0.482	-0.425	-0.246	0.000	0.251	0.461	0.611	0.716	0.802	0.896
2911	29.10	1.009	1.133	1.245	1.313	1.313	1.230	1.066	0.834	0.562	0.286
2921	29.20	0.048	-0.119	-0.179	-0.125	0.024	0.224	0.410	0.518	0.504	0.358
2931	29.30	0.114	-0.167	-0.412	-0.559	-0.579	-0.479	-0.295	-0.077	0.131	0.301
2941	29.40	0.424	0.507	0.581	0.597	0.615	0.611	0.574	0.491	0.352	0.151
2951	29.50	-0.108	-0.399	-0.674	-0.867	-0.907	-0.743	-0.369	0.159	0.732	1.217
2961	29.60	1.500	1.527	1.326	0.990	0.644	0.385	0.247	0.194	0.146	0.029
2971	29.70	-0.168	-0.384	-0.501	-0.402	-0.041	0.523	1.125	1.557	1.645	1.327
2981	29.80	0.681	-0.098	-0.774	-1.162						

Table 7-17-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1947 502-GR-S-7 U-D (U-D) KANNON BRIDGE MAX. ACC. = 58.460 (GAL) T= 2.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.874	-0.104	1.372	2.861	3.560	2.902	1.125	-1.325	-3.476	-4.568
11	0.10	-4.240	-2.842	-1.065	0.323	0.858	0.571	-0.083	-0.495	-0.236	0.717
21	0.20	1.990	2.985	3.187	2.408	0.883	-0.836	-2.120	-2.529	-2.002	-0.881
31	0.30	0.236	0.733	0.267	-1.073	-2.750	-3.963	-3.966	-2.413	0.421	3.655
41	0.40	6.093	6.697	5.067	1.596	-2.448	-5.583	-6.639	-5.305	-2.284	1.004
51	0.50	3.062	2.997	0.932	-2.078	-4.556	-5.325	-4.050	-1.368	1.480	3.282
61	0.60	3.445	2.223	0.505	-0.720	-0.887	-0.100	1.021	1.777	1.833	1.383
71	0.70	0.964	1.025	1.557	2.027	1.695	0.149	-2.279	-4.504	-5.162	-3.359
81	0.80	0.720	5.686	9.463	10.228	7.314	1.622	-4.709	-9.239	-10.304	-7.735
91	0.90	-2.854	2.213	5.548	6.260	4.721	2.161	-0.094	-1.308	-1.579	-1.541
101	1.00	-1.783	-2.351	-2.674	-1.954	0.213	3.387	6.317	7.498	5.974	1.955
111	1.10	-3.136	-7.256	-8.595	-6.624	-2.196	2.756	6.145	6.691	4.457	0.721
121	1.20	-2.730	-4.487	-4.137	-2.334	-0.309	0.845	0.750	-0.134	-0.863	-0.613
131	1.30	0.812	2.867	4.462	4.720	3.286	0.666	-2.200	-4.026	-4.110	-2.445
141	1.40	0.271	2.964	4.637	4.743	3.342	1.010	-1.412	-3.122	-3.592	-2.701
151	1.50	-0.729	1.737	3.984	5.380	5.560	4.569	2.742	0.759	-0.795	-1.572
161	1.60	-1.578	-1.134	-0.661	-0.441	-0.479	-0.539	-0.347	0.174	0.786	1.029
171	1.70	0.491	-0.884	-2.680	-4.046	-4.276	-3.039	-0.729	1.664	2.989	2.503
181	1.80	0.268	-2.828	-5.475	-6.557	-5.679	-3.326	-0.577	1.467	2.225	1.870
191	1.90	1.130	0.797	1.239	2.152	2.845	2.639	1.384	-0.373	-1.612	-1.532
201	2.00	0.212	3.013	5.211	7.163	6.842	5.109	3.002	1.641	1.609	2.638
211	2.10	3.802	4.002	2.989	0.852	-1.391	-2.799	-3.048	-2.680	-2.799	-4.345
221	2.20	-7.396	-10.919	-13.217	-12.863	-9.627	-4.818	-0.756	0.437	-1.888	-6.305
231	2.30	-9.845	-9.511	-4.081	4.779	12.823	14.996	7.972	-7.771	-27.450	-43.505
241	2.40	-48.652	-39.166	-16.866	11.197	35.385	47.363	43.575	26.770	4.869	-12.338
251	2.50	-17.231	-7.451	13.290	36.827	54.168	58.460	48.018	26.163	-0.268	-23.630
261	2.60	-38.052	-40.997	-33.468	-19.112	-2.807	10.713	17.879	16.926	8.214	-5.759
271	2.70	-20.808	-32.019	-35.311	-29.023	-14.941	1.914	14.960	18.712	11.360	-4.001
281	2.80	-20.260	-29.173	-25.097	-7.857	16.683	38.849	49.321	43.393	23.300	-2.566
291	2.90	-23.325	-30.509	-21.912	-2.553	17.737	28.966	25.659	9.351	-12.287	-29.184
301	3.00	-33.647	-23.862	-4.507	15.692	28.149	28.267	17.131	0.432	-14.626	-22.742
311	3.10	-22.552	-16.461	-8.657	-2.607	0.542	1.907	3.411	6.033	8.920	9.973
321	3.20	7.496	1.609	-4.318	-6.885	-2.974	7.124	19.377	27.538	26.219	13.914
331	3.30	-5.655	-24.816	-35.347	-32.466	-17.238	3.512	20.461	26.071	18.177	0.961
341	3.40	-17.155	-27.643	-25.974	-13.671	2.666	14.798	16.984	8.744	-5.090	-16.953
351	3.50	-20.402	-13.280	1.344	16.810	26.188	25.563	15.715	1.484	-10.722	-15.956
361	3.60	-12.815	-3.705	6.675	13.709	14.906	10.689	3.747	-2.551	-5.789	-5.412
371	3.70	-2.620	0.531	2.238	1.709	-0.696	-3.875	-6.606	-8.042	-7.895	-6.343
381	3.80	-3.814	-0.820	2.114	4.474	5.816	5.896	4.804	3.002	1.194	0.050
391	3.90	-0.071	0.731	1.987	3.112	3.693	3.660	3.128	2.396	1.536	0.446
401	4.00	-1.048	-2.962	-5.003	-6.624	-7.269	-6.688	-5.114	-3.176	-1.579	-0.736
411	4.10	-0.566	-0.606	-0.353	0.351	1.177	1.502	0.856	-0.660	-2.275	-2.896
421	4.20	-1.751	1.038	4.314	6.348	5.718	2.155	-3.135	-7.910	-9.952	-8.215
431	4.30	-3.450	2.050	5.541	5.205	1.118	-4.713	-9.309	-10.185	-6.611	0.015
441	4.40	6.849	11.008	10.983	7.324	2.284	-1.378	-1.702	1.143	5.833	9.904
451	4.50	11.459	9.980	6.439	2.616	0.058	-0.728	-0.400	-0.206	-1.088	-3.006
461	4.60	-4.907	-5.364	-3.507	0.300	4.455	6.869	5.956	1.708	-4.362	-9.675
471	4.70	-11.990	-10.301	-5.417	0.454	4.760	5.807	3.511	-0.643	-4.374	-5.719
481	4.80	-3.926	0.264	5.031	8.351	8.874	6.433	1.992	-2.852	-6.551	-8.146
491	4.90	-7.492	-5.139	-2.030	0.843	2.689	3.053	1.856	-0.593	-3.647	-6.423

Table 7-17-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1947 502-GR-S-7 U-D (U-D) KANNON BRIDGE MAX. ACC. = 58.460 (GAL) T= 2.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-8.021	-7.800	-5.634	-2.033	1.981	5.194	6.630	5.900	3.317	-0.252
511	5.10	-3.727	-6.188	-7.124	-6.479	-4.528	-1.602	1.902	4.910	7.246	9.740
521	5.20	10.334	9.349	6.967	3.815	0.822	-1.115	-1.500	-0.480	1.199	2.500
531	5.30	2.566	1.115	-1.427	-4.120	-5.942	-6.252	-5.069	-3.022	-1.025	0.162
541	5.40	0.274	-0.388	-1.169	-1.427	-0.884	0.244	1.364	1.824	1.249	-0.255
551	5.50	-2.131	-3.610	-4.040	-3.141	-1.102	1.524	4.055	5.926	6.845	6.822
561	5.60	6.077	4.900	3.533	2.131	0.781	-0.433	-1.388	-1.923	-1.897	-1.277
571	5.70	-0.199	1.023	1.973	2.247	1.699	0.369	-1.419	-3.067	-4.076	-4.150
581	5.80	-3.344	-2.043	-0.800	-0.088	-0.083	-0.581	-1.192	-1.192	-0.608	0.133
591	5.90	1.371	1.575	0.712	-0.996	-2.791	-3.683	-2.951	-0.568	2.661	5.370
601	6.00	6.217	4.536	0.716	-3.678	-7.462	-8.614	-6.925	-3.198	0.912	3.662
611	6.10	4.014	2.095	-0.914	-3.389	-4.060	-2.615	0.209	3.049	4.645	4.467
621	6.20	2.936	1.128	0.135	0.452	1.705	2.887	2.953	1.461	-1.119	-3.598
631	6.30	-4.671	-3.627	-0.770	2.670	5.123	5.448	3.509	0.243	-2.803	-4.264
641	6.40	-3.563	-1.252	1.287	2.642	2.025	-0.318	-3.230	-5.232	-5.256	-3.167
651	6.50	0.180	3.355	5.030	4.578	2.319	-0.680	-3.129	-4.101	-3.401	-1.570
661	6.60	0.435	1.717	1.838	0.961	-0.275	-1.098	-0.956	0.243	2.105	3.925
671	6.70	4.970	4.758	3.231	0.779	-1.906	-4.059	-5.107	-4.857	-3.564	-1.823
681	6.80	-0.350	0.302	-0.042	-1.116	-2.329	-3.030	-2.802	-1.650	0.003	1.507
691	6.90	2.294	2.139	1.252	0.162	-0.555	-0.571	0.035	0.824	1.235	0.884
701	7.00	-0.221	-1.664	-2.805	-3.088	-2.303	-0.690	1.168	2.607	3.167	2.774
711	7.10	1.733	0.563	-0.247	-0.438	-0.048	0.654	1.338	1.767	1.880	1.773
721	7.20	1.596	1.447	1.316	1.102	0.708	0.123	-0.524	-1.007	-1.100	-0.699
731	7.30	0.100	1.012	1.661	1.741	1.153	0.064	-1.140	-2.011	-2.223	-1.713
741	7.40	-0.711	0.358	1.066	1.161	0.702	0.002	-0.512	-0.521	0.024	0.866
751	7.50	1.581	1.696	1.103	-0.037	-1.265	-2.044	-2.018	-1.188	0.082	1.217
761	7.60	1.695	1.277	0.123	-1.298	-2.412	-2.792	-2.329	-1.253	-0.006	0.959
771	7.70	1.369	1.215	0.718	0.196	-0.089	0.003	0.379	0.865	1.253	1.105
781	7.80	1.303	1.044	0.787	0.686	0.517	0.489	1.133	1.548	0.716	0.514
791	7.90	-0.801	-2.335	-3.690	-4.462	-4.396	-3.489	-2.024	-0.683	0.714	1.185
801	8.00	0.900	0.074	-0.908	-1.648	-1.872	-1.492	-0.590	0.646	1.989	3.209
811	8.10	4.083	4.395	3.981	2.797	1.002	-1.023	-2.748	-3.665	-3.494	-2.327
821	8.20	-0.626	0.946	1.790	1.627	0.607	-0.763	-1.869	-2.268	-1.873	-0.964
831	8.30	-0.008	0.588	0.686	0.455	0.251	0.392	0.970	1.788	2.468	2.655
841	8.40	2.205	1.268	0.202	-0.608	-0.943	-0.843	-0.540	-0.397	-0.530	-0.911
851	8.50	-1.290	-1.362	-0.936	-0.053	1.013	1.867	2.162	1.742	0.699	-0.868
861	8.60	-1.969	-2.851	-3.100	-2.680	-1.720	-0.462	0.800	1.788	2.296	2.244
871	8.70	1.707	0.899	0.118	-0.353	-0.355	0.080	0.727	1.252	1.349	0.877
881	8.80	-0.064	-1.155	-1.972	-2.161	-1.582	-0.392	1.006	2.092	2.444	1.895
891	8.90	0.619	-0.910	-2.084	-2.387	-1.602	0.088	2.143	3.856	4.619	4.152
901	9.00	2.616	0.542	-1.389	-2.629	-2.978	-2.643	-2.108	-1.882	-2.269	-3.130
911	9.10	-4.141	-4.788	-4.727	-3.931	-2.693	-1.447	-0.636	-0.329	-0.386	-0.683
921	9.20	-0.332	0.145	0.787	1.303	1.470	1.279	0.953	0.821	1.108	1.782
931	9.30	2.544	2.985	2.817	2.051	1.018	0.196	-0.053	0.310	0.961	1.387
941	9.40	1.180	0.283	-0.941	-1.880	-1.994	-1.113	0.440	1.996	2.860	2.660
951	9.50	1.533	0.037	-1.135	-1.522	-1.116	-0.326	0.255	0.223	-0.413	-1.219
961	9.60	-1.578	-1.039	0.404	2.265	3.770	4.242	3.409	1.557	-0.603	-2.263
971	9.70	-2.873	-2.367	-1.151	0.120	0.853	0.766	-0.026	-1.118	-2.030	-2.424
981	9.80	-2.219	-1.580	-0.801	-0.168	0.152	0.138	-0.115	-0.648	-0.698	-0.731
991	9.90	-0.467	0.098	0.875	1.679	2.267	2.410	1.989	1.065	-0.115	-1.189

Table 7-17-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1947 502-GR-S-7 U-D (U-D) KANMON BRIDGE MAX. ACC. = 58.460 (GAL) T= 2.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-1.812	-1.794	-1.175	-0.206	0.761	1.427	1.666	1.556	1.312	1.156
1011	10.10	1.185	1.313	1.311	0.931	0.053	-1.220	-2.558	-3.517	-3.711	-2.980
1021	10.20	-1.476	0.369	1.982	2.860	2.747	1.735	0.219	-1.244	-2.156	-2.260
1031	10.30	-1.624	-0.601	0.331	0.772	0.561	-0.166	-1.055	-1.691	-1.786	-1.291
1041	10.40	-0.402	0.540	1.204	1.401	1.144	0.608	0.031	-0.395	-0.582	-0.545
1051	10.50	-0.349	-0.059	0.290	0.671	1.034	1.283	1.300	1.002	0.413	-0.315
1061	10.60	-0.945	-1.250	-1.126	-0.651	-0.055	0.386	0.493	0.273	-0.076	-0.272
1071	10.70	-0.102	0.455	1.196	1.777	1.677	1.356	0.336	-0.837	-1.731	-2.005
1081	10.80	-1.544	-0.497	0.769	1.946	2.629	2.716	2.267	1.498	0.691	0.105
1091	10.90	-0.088	0.149	0.715	1.395	1.914	2.022	1.583	0.632	-0.611	-1.801
1101	11.00	-2.588	-2.738	-2.225	-1.236	-0.102	0.836	1.340	1.342	0.927	0.264
1111	11.10	-0.483	-1.203	-1.839	-2.351	-2.676	-2.725	-2.425	-1.776	-0.894	0.009
1121	11.20	0.698	1.016	0.950	0.630	0.257	-0.005	-0.118	-0.178	-0.350	-0.751
1131	11.30	-1.358	-1.990	-2.378	-2.290	-1.649	-0.581	0.630	1.654	2.242	2.306
1141	11.40	1.920	1.262	0.531	-0.122	-0.607	-0.889	-0.957	-0.822	-0.524	-0.147
1151	11.50	0.192	0.386	0.390	0.255	0.109	0.081	0.216	0.422	0.497	0.243
1161	11.60	-0.400	-1.269	-2.017	-2.264	-1.806	-0.760	0.438	1.206	1.099	0.050
1171	11.70	-1.568	-2.993	-3.581	-2.946	-1.248	0.883	2.638	3.396	3.018	1.884
1181	11.80	0.690	0.080	0.328	1.209	2.140	2.502	1.981	0.745	-0.635	-1.478
1191	11.90	-1.350	-0.291	1.189	2.367	2.661	1.920	0.503	-0.903	-1.612	-1.275
1201	12.00	-0.040	1.523	2.692	2.929	2.110	0.564	-1.091	-2.228	-2.478	-1.850
1211	12.10	-0.694	0.486	1.251	1.391	0.974	0.272	-0.381	-0.727	-0.673	-0.291
1221	12.20	0.233	0.291	0.225	0.869	0.550	0.067	-0.458	-0.911	-1.217	-1.349
1231	12.30	-1.330	-1.209	-1.048	-0.893	-0.767	-0.663	-0.556	-0.420	-0.238	-0.009
1241	12.40	0.251	0.515	0.758	0.950	1.066	1.081	0.977	0.752	0.424	0.031
1251	12.50	-0.371	-0.723	-0.975	-1.087	-1.036	-0.809	-0.414	0.109	0.672	1.141
1261	12.60	1.358	1.197	0.625	-0.252	-1.192	-1.891	-2.089	-1.691	-0.821	0.205
1271	12.70	0.997	1.251	0.882	0.067	-0.625	-1.396	-1.384	-0.774	0.204	1.185
1281	12.80	1.831	1.966	1.627	1.018	0.393	-0.061	-0.281	-0.316	-0.262	-0.107
1291	12.90	-0.102	0.022	0.199	0.393	0.522	0.507	0.344	0.124	0.008	0.130
1301	13.00	0.505	0.989	1.331	1.296	0.814	0.050	-0.643	-0.880	-0.450	0.553
1311	13.10	1.736	2.568	2.626	1.808	0.399	-1.045	-1.946	-1.968	-1.174	0.017
1321	13.20	1.026	1.388	0.954	-0.062	-1.211	-2.035	-2.274	-1.961	-1.355	-0.783
1331	13.30	-0.466	-0.429	-0.531	-0.581	-0.467	-0.220	0.021	0.109	-0.019	-0.259
1341	13.40	-0.478	-0.530	-0.395	-0.187	-0.091	-0.238	-0.612	-1.029	-1.231	-1.026
1351	13.50	-0.415	0.376	0.987	1.088	0.544	-0.512	-1.724	-2.673	-3.050	-2.780
1361	13.60	-2.021	-1.070	-0.214	0.384	0.717	0.879	0.971	1.025	0.992	0.799
1371	13.70	0.420	-0.067	-0.498	-0.693	-0.547	-0.092	0.515	1.059	1.366	1.374
1381	13.80	1.146	0.825	0.562	0.453	0.517	0.717	0.992	1.282	1.528	1.650
1391	13.90	1.549	1.133	0.376	-0.621	-1.619	-2.296	-2.366	-1.715	-0.477	0.986
1401	14.00	2.211	2.818	2.666	1.897	0.866	-0.035	-0.569	-0.654	-0.537	-0.456
1411	14.10	-0.582	-0.892	-1.182	-1.191	-0.765	0.027	0.894	1.450	1.400	0.697
1421	14.20	-0.416	-1.511	-2.166	-2.158	-1.563	-0.716	-0.044	0.138	-0.233	-0.945
1431	14.30	-1.624	-1.912	-1.638	-0.888	0.046	0.798	1.095	0.855	0.201	-0.618
1441	14.40	-1.336	-1.780	-1.902	-1.760	-1.451	-1.056	-0.608	-0.107	0.444	1.009
1451	14.50	1.517	1.887	2.070	2.072	1.949	1.777	1.606	1.438	1.226	0.913
1461	14.60	0.478	-0.032	-0.509	-0.826	-0.892	-0.697	-0.321	0.099	0.436	0.618
1471	14.70	0.657	0.423	0.590	0.588	0.574	0.456	0.153	-0.341	-0.925	-1.416
1481	14.80	-1.619	-1.422	-0.864	-0.138	0.478	0.739	0.549	0.011	-0.601	-0.963
1491	14.90	-0.840	-0.209	0.723	1.593	2.042	1.872	1.148	0.174	-0.824	-0.891

Table 7-17-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1947 502-GR-S-7 U-D (U-D) KANMON BRIDGE MAX. ACC. = 58.460 (GAL) T= 2.56 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.494	0.406	1.423	2.107	2.141	1.476	0.356	-0.789	-1.525	-1.601
1511	15.10	-1.046	-0.148	0.676	1.064	0.860	0.162	-0.732	-1.462	-1.766	-1.562
1521	15.20	-0.981	-0.264	0.362	0.692	0.781	0.709	0.550	0.550	0.536	0.490
1531	15.30	0.329	0.028	-0.347	-0.663	-0.780	-0.622	-0.226	0.272	0.683	0.850
1541	15.40	0.710	0.314	-0.193	-0.643	-0.901	-0.916	-0.713	-0.371	0.023	0.410
1551	15.50	0.762	1.071	1.323	1.478	1.479	1.275	0.851	0.252	-0.416	-1.020
1561	15.60	-1.432	-1.580	-1.461	-1.143	-0.733	-0.339	-0.033	0.167	0.289	0.383
1571	15.70	0.489	0.609	0.698	0.685	0.506	0.164	-0.337	-0.800	-1.066	-0.974
1581	15.80	-0.470	0.367	1.320	2.090	2.404	2.122	1.301	0.195	-0.833	-1.441
1591	15.90	-1.448	-0.905	-0.079	0.461	0.995	0.791	0.158	-0.606	-1.151	-1.234
1601	16.00	-0.826	-0.128	0.530	0.841	0.666	0.096	-0.595	-1.079	-1.129	-0.721
1611	16.10	-0.042	0.602	0.933	0.819	0.329	-0.316	-0.854	-1.102	-1.026	-0.733
1621	16.20	-0.392	-0.142	-0.023	0.025	0.102	0.275	0.521	0.727	0.751	0.503
1631	16.30	-0.002	-0.637	-1.211	-1.558	-1.603	-1.385	-1.027	-0.669	-0.404	-0.251
1641	16.40	-0.167	-0.092	0.004	0.107	0.168	0.162	0.019	-0.167	-0.366	-0.531
1651	16.50	-0.651	-0.736	-0.793	-0.801	-0.703	-0.439	0.005	0.557	1.054	1.306
1661	16.60	1.171	0.656	-0.077	-0.760	-1.130	-1.055	-0.606	-0.028	0.374	0.379
1671	16.70	-0.031	-0.659	-1.180	-1.301	-0.904	-0.110	0.771	1.381	1.478	1.040
1681	16.80	0.271	-0.500	-0.969	-0.976	-0.556	0.102	0.758	1.226	1.426	1.380
1691	16.90	1.159	0.826	0.409	-0.076	-0.588	-1.033	-1.272	-1.178	-0.703	0.073
1701	17.00	0.956	1.699	2.102	2.084	1.710	1.146	0.581	0.141	-0.150	-0.352
1711	17.10	-0.553	-0.798	-1.059	-1.244	-1.253	-1.033	-0.619	-0.117	0.335	0.632
1721	17.20	0.737	0.669	0.567	0.441	0.343	0.252	0.128	-0.065	-0.423	-0.599
1731	17.30	-0.823	-0.959	-0.885	-0.696	-0.402	-0.054	0.296	0.609	0.854	1.005
1741	17.40	1.039	0.946	0.734	0.432	0.087	-0.250	-0.537	-0.750	-0.881	-0.922
1751	17.50	-0.861	-0.677	-0.363	0.061	0.529	0.936	1.160	1.112	0.773	0.211
1761	17.60	-0.429	-0.974	-1.277	-1.268	-0.976	-0.509	-0.015	0.374	0.578	0.595
1771	17.70	0.477	0.309	0.163	0.081	0.056	0.050	0.015	-0.087	-0.262	-0.485
1781	17.80	-0.707	-0.878	-0.961	-0.943	-0.838	-0.670	-0.460	-0.215	0.070	0.396
1791	17.90	0.768	1.076	1.305	1.359	1.191	0.818	0.321	-0.148	-0.514	-0.628
1801	18.00	-0.494	-0.176	0.219	0.579	0.830	0.949	0.954	0.873	0.721	0.498
1811	18.10	0.202	-0.140	-0.458	-0.650	-0.623	-0.339	0.151	0.718	1.198	1.485
1821	18.20	1.477	1.292	1.029	0.799	0.647	0.532	0.362	0.061	-0.363	-0.796
1831	18.30	-1.058	-0.992	-0.552	0.147	0.857	1.294	1.263	0.745	-0.081	-0.911
1841	18.40	-1.438	-1.475	-1.027	-0.274	0.511	1.073	1.267	1.092	0.666	0.145
1851	18.50	-0.326	-0.670	-0.874	-0.958	-0.947	-0.851	-0.670	-0.411	-0.109	0.178
1861	18.60	0.383	0.459	0.375	0.166	-0.130	-0.453	-0.757	-1.003	-1.161	-1.204
1871	18.70	-1.117	-0.907	-0.616	-0.318	-0.104	-0.044	-0.151	-0.368	-0.572	-0.642
1881	18.80	-0.491	-0.122	0.368	0.820	1.075	1.038	0.714	0.205	-0.334	-0.753
1891	18.90	-0.963	-0.958	-0.799	-0.580	-0.375	-0.217	-0.089	0.050	0.231	0.450
1901	19.00	0.655	0.770	0.726	0.501	0.140	-0.251	-0.549	-0.636	-0.482	-0.137
1911	19.10	0.266	0.562	0.623	0.408	-0.008	-0.466	-0.774	-0.795	-0.509	0.007
1921	19.20	0.542	0.909	0.955	0.692	0.230	-0.239	-0.525	-0.515	-0.211	0.283
1931	19.30	0.807	1.211	1.401	1.356	1.113	0.735	0.288	-0.185	-0.633	-1.007
1941	19.40	-1.249	-1.305	-1.150	-0.805	-0.348	0.119	0.482	0.673	0.679	0.539
1951	19.50	0.316	0.069	-0.170	-0.396	-0.610	-0.804	-0.943	-0.978	-0.865	-0.595
1961	19.60	-0.210	0.202	0.534	0.692	0.627	0.351	-0.066	-0.517	-0.884	-1.071
1971	19.70	-1.018	-0.726	-0.259	0.268	0.716	0.934	0.866	0.512	-0.010	-0.526
1981	19.80	-0.819	-0.854	-0.528	0.018	0.592	0.991	1.078	0.835	0.357	-0.187
1991	19.90	-0.426	-0.849	-0.831	-0.621	-0.304	0.044	0.378	0.680	0.935	1.115

Table 7-17-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1967 502-GR-S-7 U-D (U-D) KANNON BRIDGE MAX. ACC. = 58.460 (GAL) T= 2.56 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2001	20.00	1.166	1.043	0.731	0.282	-0.196	-0.559	-0.700	-0.577	-0.241	0.185
2011	20.10	0.554	0.756	0.740	0.547	0.256	-0.051	-0.308	-0.494	-0.612	-0.667
2021	20.20	-0.652	-0.545	-0.334	-0.030	0.315	0.621	0.810	0.834	0.697	0.450
2031	20.30	0.165	-0.094	-0.297	-0.449	-0.571	-0.675	-0.753	-0.774	-0.708	-0.548
2041	20.40	-0.322	-0.084	0.109	0.229	0.281	0.299	0.316	0.334	0.321	0.225
2051	20.50	0.018	-0.272	-0.549	-0.681	-0.561	-0.166	0.411	0.982	1.338	1.336
2061	20.60	0.962	0.348	-0.285	-0.721	-0.832	-0.631	-0.250	0.129	0.353	0.362
2071	20.70	0.190	-0.072	-0.331	-0.540	-0.701	-0.628	-0.916	-0.910	-0.733	-0.339
2081	20.80	0.241	0.873	1.361	1.527	1.300	0.765	0.136	-0.324	-0.425	-0.130
2091	20.90	0.424	0.995	1.346	1.346	1.019	0.517	0.030	-0.308	-0.465	-0.501
2101	21.00	-0.502	-0.512	-0.494	-0.365	-0.062	0.385	0.829	1.057	0.896	0.311
2111	21.10	-0.544	-1.370	-1.850	-1.788	-1.206	-0.343	0.449	0.866	0.785	0.312
2121	21.20	-0.278	-0.681	-0.708	-0.372	0.128	0.519	0.586	0.280	-0.265	-0.807
2131	21.30	-1.109	-1.051	-0.671	-0.127	0.385	0.731	0.879	0.891	0.863	0.853
2141	21.40	0.847	0.780	0.582	0.268	-0.167	-0.464	-0.572	-0.415	-0.052	0.357
2151	21.50	0.622	0.606	0.284	-0.240	-0.788	-1.179	-1.307	-1.174	-0.875	-0.539
2161	21.60	-0.267	-0.093	0.017	0.129	0.285	0.472	0.620	0.638	0.458	0.086
2171	21.70	-0.401	-0.871	-1.196	-1.300	-1.182	-0.914	-0.601	-0.332	-0.145	-0.025
2181	21.80	0.083	0.228	0.428	0.651	0.835	0.911	0.846	0.647	0.377	0.112
2191	21.90	-0.087	-0.194	-0.225	-0.224	-0.237	-0.282	-0.347	-0.394	-0.377	-0.274
2201	22.00	-0.089	0.142	0.373	0.563	0.695	0.771	0.810	0.821	0.804	0.738
2211	22.10	0.603	0.390	0.117	-0.170	-0.411	-0.553	-0.573	-0.486	-0.338	-0.188
2221	22.20	-0.083	-0.034	-0.020	0.001	0.088	0.191	0.343	0.462	0.482	0.360
2231	22.30	0.100	-0.241	-0.565	-0.775	-0.801	-0.630	-0.308	0.077	0.426	0.661
2241	22.40	0.757	0.717	0.586	0.419	0.258	0.126	0.030	-0.028	-0.046	-0.016
2251	22.50	0.068	0.202	0.366	0.525	0.610	0.683	0.645	0.538	0.391	0.228
2261	22.60	0.064	-0.100	-0.270	-0.444	-0.606	-0.723	-0.756	-0.683	-0.510	-0.275
2271	22.70	-0.034	0.155	0.250	0.251	0.178	0.067	-0.054	-0.172	-0.289	-0.413
2281	22.80	-0.539	-0.647	-0.703	-0.680	-0.571	-0.399	-0.210	-0.055	0.037	0.064
2291	22.90	0.060	0.067	0.118	0.214	0.326	0.405	0.410	0.328	0.178	0.004
2301	23.00	-0.151	-0.261	-0.333	-0.391	-0.461	-0.552	-0.643	-0.694	-0.668	-0.551
2311	23.10	-0.365	-0.160	0.006	0.100	0.124	0.116	0.127	0.191	0.306	0.426
2321	23.20	0.485	0.421	0.216	-0.099	-0.449	-0.744	-0.911	-0.921	-0.791	-0.571
2331	23.30	-0.319	-0.075	0.143	0.339	0.521	0.684	0.808	0.865	0.828	0.707
2341	23.40	0.529	0.342	0.191	0.098	0.057	0.034	-0.014	-0.112	-0.258	-0.421
2351	23.50	-0.552	-0.609	-0.573	-0.455	-0.286	-0.105	0.059	0.194	0.296	0.368
2361	23.60	0.399	0.373	0.272	0.093	-0.136	-0.359	-0.500	-0.494	-0.313	0.020
2371	23.70	0.435	0.831	1.113	1.219	1.134	0.893	0.559	0.199	-0.132	-0.401
2381	23.80	-0.591	-0.696	-0.708	-0.619	-0.426	-0.143	0.192	0.521	0.781	0.919
2391	23.90	0.913	0.777	0.557	0.315	0.105	-0.042	-0.124	-0.167	-0.205	-0.269
2401	24.00	-0.373	-0.506	-0.647	-0.763	-0.831	-0.841	-0.795	-0.710	-0.607	-0.507
2411	24.10	-0.423	-0.361	-0.317	-0.282	-0.242	-0.185	-0.102	0.011	0.148	0.298
2421	24.20	0.465	0.572	0.668	0.726	0.746	0.733	0.693	0.632	0.552	0.457
2431	24.30	0.351	0.242	0.140	0.054	-0.010	-0.056	-0.094	-0.139	-0.203	-0.294
2441	24.40	-0.406	-0.525	-0.627	-0.688	-0.686	-0.610	-0.459	-0.244	0.013	0.281
2451	24.50	0.525	0.711	0.813	0.824	0.752	0.621	0.461	0.295	0.133	-0.032
2461	24.60	-0.214	-0.423	-0.652	-0.871	-1.035	-1.100	-1.045	-0.878	-0.639	-0.380
2471	24.70	-0.144	0.052	0.225	0.405	0.617	0.857	1.083	1.233	1.249	1.112
2481	24.80	0.852	0.543	0.275	0.112	0.067	0.098	0.131	0.099	-0.027	-0.217
2491	24.90	-0.404	-0.510	-0.488	-0.340	-0.120	0.100	0.259	0.337	0.354	0.354

Table 7-17-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1947 502-GR-S-7 U-D (U-D) KANNON BRIDGE MAX. ACC. = 58.460 (GAL) T= 2.56 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2501	25.00	0.373	0.413	0.443	0.409	0.270	0.022	-0.291	-0.589	-0.788	-0.832
2511	25.10	-0.715	-0.478	-0.193	0.068	0.259	0.370	0.418	0.438	0.459	0.496
2521	25.20	0.543	0.585	0.600	0.572	0.494	0.370	0.208	0.029	-0.169	-0.306
2531	25.30	-0.431	-0.557	-0.607	-0.693	-0.804	-0.942	-1.091	-1.216	-1.279	-1.254
2541	25.40	-1.139	-0.961	-0.765	-0.593	-0.474	-0.408	-0.374	-0.342	-0.290	-0.211
2551	25.50	-0.118	-0.028	0.043	0.095	0.136	0.180	0.233	0.292	0.343	0.377
2561	25.60	0.393	0.404	0.432	0.490	0.580	0.677	0.745	0.748	0.665	0.498
2571	25.70	0.273	0.026	-0.209	-0.410	-0.567	-0.676	-0.729	-0.715	-0.621	-0.449
2581	25.80	-0.217	0.036	0.264	0.430	0.522	0.558	0.575	0.608	0.671	0.744
2591	25.90	0.783	0.740	0.588	0.337	0.040	-0.234	-0.416	-0.473	-0.409	-0.267
2601	26.00	-0.103	0.035	0.125	0.170	0.192	0.211	0.234	0.251	0.237	0.168
2611	26.10	0.032	-0.159	-0.377	-0.583	-0.735	-0.803	-0.774	-0.651	-0.451	-0.202
2621	26.20	0.063	0.310	0.507	0.625	0.643	0.553	0.358	0.082	-0.233	-0.530
2631	26.30	-0.743	-0.812	-0.699	-0.409	0.011	0.472	0.864	1.086	1.079	0.842
2641	26.40	0.435	-0.040	-0.472	-0.769	-0.888	-0.832	-0.642	-0.371	-0.069	0.231
2651	26.50	0.508	0.742	0.901	0.946	0.840	0.571	0.164	-0.309	-0.751	-1.063
2661	26.60	-1.177	-1.082	-0.824	-0.494	-0.177	0.058	0.190	0.236	0.277	0.333
2671	26.70	0.439	0.586	0.732	0.827	0.835	0.745	0.575	0.361	0.140	-0.065
2681	26.80	-0.251	-0.423	-0.585	-0.731	-0.835	-0.865	-0.799	-0.638	-0.416	-0.188
2691	26.90	-0.014	0.067	0.056	-0.007	-0.058	-0.036	0.085	0.289	0.517	0.691
2701	27.00	0.752	0.678	0.456	0.269	0.066	-0.068	-0.126	-0.138	-0.151	-0.203
2711	27.10	-0.300	-0.413	-0.495	-0.500	-0.412	-0.247	-0.052	0.123	0.242	0.300
2721	27.20	0.321	0.339	0.319	0.443	0.512	0.553	0.539	0.466	0.339	0.196
2731	27.30	0.053	-0.253	-0.180	-0.283	-0.385	-0.477	-0.539	-0.517	-0.469	-0.374
2741	27.40	-0.233	-0.104	-0.017	0.019	0.022	0.022	0.047	0.108	0.167	0.152
2751	27.50	0.269	0.226	0.125	0.006	-0.092	-0.140	-0.131	-0.086	-0.040	-0.025
2761	27.60	-0.056	-0.127	-0.211	-0.277	-0.304	-0.282	-0.222	-0.140	-0.057	0.014
2771	27.70	0.068	0.107	0.136	0.162	0.191	0.227	0.273	0.325	0.375	0.406
2781	27.80	0.401	0.347	0.243	0.105	-0.037	-0.153	-0.219	-0.234	-0.217	-0.202
2791	27.90	-0.222	-0.292	-0.403	-0.520	-0.601	-0.610	-0.537	-0.401	-0.244	-0.111
2801	28.00	-0.034	-0.015	-0.029	-0.035	0.006	0.114	0.277	0.459	0.614	0.699
2811	28.10	0.697	0.616	0.488	0.351	0.236	0.155	0.102	0.060	0.010	-0.057
2821	28.20	-0.137	-0.217	-0.286	-0.339	-0.379	-0.417	-0.456	-0.492	-0.509	-0.482
2831	28.30	-0.397	-0.256	-0.079	0.099	0.243	0.335	0.380	0.402	0.428	0.471
2841	28.40	0.517	0.531	0.471	0.309	0.052	-0.256	-0.542	-0.743	-0.818	-0.768
2851	28.50	-0.633	-0.470	-0.330	-0.238	-0.188	-0.151	-0.100	-0.017	0.091	0.203
2861	28.60	0.299	0.367	0.410	0.444	0.481	0.530	0.585	0.634	0.669	0.685
2871	28.70	0.679	0.652	0.579	0.452	0.253	-0.012	-0.352	-0.551	-0.705	-0.682
2881	28.80	-0.486	-0.156	0.210	0.515	0.684	0.694	0.572	0.379	0.176	-0.011
2891	28.90	-0.147	-0.274	-0.390	-0.478	-0.500	-0.412	-0.198	0.111	0.438	0.681
2901	29.00	0.761	0.651	0.392	0.074	-0.201	-0.367	-0.416	-0.397	-0.386	-0.442
2911	29.10	-0.581	-0.766	-0.923	-0.993	-0.986	-0.796	-0.598	-0.420	-0.306	-0.257
2921	29.20	-0.256	-0.255	-0.225	-0.155	-0.057	0.068	0.137	0.209	0.271	0.317
2931	29.30	0.412	0.488	0.547	0.560	0.512	0.468	0.352	0.227	0.088	-0.053
2941	29.40	-0.198	-0.342	-0.477	-0.583	-0.643	-0.643	-0.581	-0.471	-0.333	-0.192
2951	29.50	-0.065	0.037	0.113	0.166	0.197	0.220	0.240	0.269	0.312	0.348
2961	29.60	0.427	0.474	0.499	0.503	0.503	0.526	0.594	0.705	0.824	0.889
2971	29.70	0.835	0.826	0.277	-0.134	-0.693	-0.691	-0.668	-0.443	-0.107	0.209
2981	29.80	0.389	0.375	0.194	-0.067						

Table 7-18-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1948 S02-GR-S-7 HB. (HB.) KANNON BRIDGE MAX. ACC. = -120.395 (GAL) T= 2.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	7.110	2.725	-1.636	-4.606	-5.397	-4.044	-1.313	1.640	3.714	4.219
11	0.10	3.032	0.540	-2.567	-5.538	-7.750	-8.803	-8.542	-7.036	-4.557	-1.564
21	0.20	1.351	3.561	4.563	4.157	2.558	0.391	-1.490	-2.296	-1.620	0.373
31	0.30	2.972	5.102	6.135	5.458	3.447	0.932	-1.115	-2.047	-1.867	-1.226
41	0.40	-1.073	-2.105	-4.303	-6.809	-8.245	-7.372	-3.788	1.708	7.297	10.839
51	0.50	10.805	7.010	0.775	-5.577	-9.695	-10.195	-7.221	-2.306	2.376	5.012
61	0.60	4.929	2.764	-0.028	-1.908	-2.143	-1.024	0.372	0.866	-0.125	-2.252
71	0.70	-4.421	-5.388	-4.434	-1.744	1.689	4.573	5.969	5.610	4.097	2.320
81	0.80	1.024	0.420	0.167	-0.517	-1.417	-3.019	-4.537	-5.231	-4.638	-2.862
91	0.90	-0.556	1.393	2.295	1.979	0.834	-0.430	-1.146	-0.988	-0.050	1.293
101	1.00	2.625	3.683	4.386	4.739	4.702	4.153	2.991	1.295	-0.573	-2.047
111	1.10	-2.610	-2.099	-0.867	0.318	0.638	-0.329	-2.317	-4.427	-5.538	-4.870
121	1.20	-2.436	0.707	3.820	5.119	4.356	2.024	-0.667	-2.432	-2.524	-1.089
131	1.30	0.951	2.416	2.502	1.191	-0.758	-2.239	-2.389	-1.044	1.195	3.284
141	1.40	4.283	3.809	2.178	0.179	-1.371	-2.036	-1.905	-1.419	-1.019	-0.827
151	1.50	-0.579	0.159	1.617	3.531	5.146	5.535	4.098	0.965	-2.936	-6.218
161	1.60	-7.638	-6.667	-3.740	-0.050	3.010	4.488	4.260	2.986	1.669	1.077
171	1.70	1.335	1.912	1.993	1.026	-0.905	-3.053	-4.417	-4.307	-2.761	-0.573
181	1.80	1.120	1.465	0.375	-1.400	-2.700	-2.619	-1.061	1.162	2.768	2.738
191	1.90	0.941	-1.726	-3.804	-4.091	-2.363	0.452	2.767	3.274	1.760	-0.668
201	2.00	-2.176	-1.294	2.078	6.395	9.163	8.305	3.478	-3.457	-9.167	-10.509
211	2.10	-6.272	1.976	10.480	15.138	13.653	6.821	-1.798	-7.760	-8.201	-3.524
221	2.20	2.679	5.562	1.817	-8.208	-20.327	-28.537	-28.760	-19.049	-5.190	6.321
231	2.30	9.502	2.839	-9.695	-19.533	-19.727	-7.337	13.437	32.952	40.758	31.134
241	2.40	6.037	-22.379	-42.302	-42.778	-21.947	12.328	46.017	65.606	64.573	46.349
251	2.50	22.202	5.029	2.564	12.659	24.686	24.992	4.639	-34.888	-81.011	-115.010
261	2.60	-120.395	-90.705	-33.010	34.592	90.322	117.501	110.773	77.185	31.983	-8.531
271	2.70	-33.624	-41.344	-37.326	-30.377	-27.395	-30.163	-35.297	-36.902	-30.210	-14.235
281	2.80	7.737	29.738	45.708	51.691	46.762	32.625	12.536	-9.708	-30.289	-45.556
291	2.90	-52.333	-48.646	-34.707	-13.533	9.460	28.088	37.735	37.303	29.690	20.378
301	3.00	14.679	14.983	19.461	22.985	19.892	7.226	-13.243	-35.328	-50.990	-53.956
311	3.10	-42.607	-20.759	3.994	23.495	32.244	29.155	17.267	1.826	-12.082	-21.210
321	3.20	-24.538	-22.626	-16.660	-7.928	2.088	11.348	17.286	17.587	11.488	0.800
331	3.30	-10.182	-16.239	-13.704	-2.626	12.661	25.152	28.384	19.739	2.080	-17.273
341	3.40	-29.886	-30.260	-18.544	-0.452	15.610	22.771	19.062	8.162	-2.861	-7.572
351	3.50	-3.772	5.318	12.952	12.827	2.935	-12.879	-26.605	-30.214	-20.087	0.669
361	3.60	23.354	37.791	37.358	22.347	-0.096	-19.462	-27.047	-20.154	-3.248	14.503
371	3.70	23.955	20.576	6.560	-10.519	-21.722	-21.329	-9.638	7.343	21.059	24.724
381	3.80	16.593	0.615	-15.715	-25.118	-23.961	-13.721	0.095	10.871	14.098	9.316
391	3.90	-0.020	-8.515	-11.557	-7.432	2.075	13.708	19.788	20.251	13.807	2.864
401	4.00	-8.619	-16.727	-18.994	-15.112	-6.838	2.787	10.552	14.140	12.842	7.690
411	4.10	1.002	-4.537	-6.922	-5.613	-1.708	2.580	4.965	4.172	0.552	-4.100
421	4.20	-7.454	-7.831	-5.069	-0.585	3.403	5.092	4.079	1.567	-0.356	0.032
431	4.30	2.998	7.086	9.838	9.172	4.835	-2.189	-8.391	-11.225	-9.580	-4.600
441	4.40	0.922	4.021	3.431	-0.098	-3.822	-4.789	-1.585	4.685	10.797	13.055
451	4.50	9.334	0.412	-10.180	-17.764	-18.801	-12.666	-1.985	8.628	14.836	14.632
461	4.60	9.160	1.917	-3.197	-3.931	-0.744	3.629	5.825	3.789	-2.066	-9.080
471	4.70	-13.797	-13.833	-9.154	-2.092	3.899	6.034	3.611	-1.710	-6.850	-8.944
481	4.80	-6.789	-1.377	4.730	8.775	9.189	6.276	1.880	-1.693	-2.898	-1.668
491	4.90	0.703	2.379	2.016	-0.542	-4.247	-7.433	-8.669	-7.399	-4.089	0.123

Table 7-18-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1948 S02-GR-S-7 HB. (HB.) KANNON BRIDGE MAX. ACC. = -120.395 (GAL) T= 2.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	4.020	6.797	8.227	8.492	7.883	6.573	4.625	2.172	-0.599	-2.439
511	5.10	-3.259	-2.480	-0.298	2.514	4.900	5.982	5.428	3.552	1.072	-1.307
521	5.20	-3.268	-4.970	-6.833	-9.121	-11.610	-13.536	-13.904	-12.015	-7.923	-2.572
531	5.30	2.507	5.812	6.516	4.843	1.966	-0.516	-1.288	0.111	3.125	6.461
541	5.40	8.693	8.882	6.947	3.631	0.126	-2.469	-3.567	-3.272	-2.212	-1.188
551	5.50	-0.793	-1.193	-2.123	-3.083	-3.595	-3.406	-2.566	-1.332	-0.044	1.011
561	5.60	1.670	1.882	1.689	1.104	0.316	-0.483	-1.017	-1.017	-0.355	0.832
571	5.70	2.112	2.880	2.613	1.142	-1.144	-3.402	-4.636	-4.093	-1.721	1.748
581	5.80	5.026	6.797	6.309	3.744	0.184	-2.853	-4.091	-3.092	-0.419	2.634
591	5.90	4.703	5.032	3.820	2.057	0.929	1.101	2.278	3.316	2.842	0.096
601	6.00	-4.476	-9.237	-12.033	-11.240	-6.662	0.211	6.759	10.406	9.832	5.644
611	6.10	0.120	-3.866	-4.251	-0.808	4.717	9.448	10.809	7.813	1.582	-5.189
621	6.20	-9.559	-9.780	-6.146	-0.800	3.389	4.303	1.655	-2.896	-6.645	-7.291
631	6.30	-4.182	1.291	6.378	8.378	6.052	0.324	-6.129	-10.174	-9.278	-5.034
641	6.40	1.869	7.704	9.727	7.229	1.419	-4.770	-8.354	-7.684	-3.197	2.863
651	6.50	7.578	8.774	6.021	0.756	-4.479	-7.279	-6.477	-2.592	2.534	6.675
661	6.60	8.255	6.973	3.773	0.253	-2.161	-2.842	-2.136	-1.041	-0.620	-1.457
671	6.70	-3.404	-5.704	-7.384	-7.690	-6.392	-3.823	-0.704	2.134	4.043	4.707
681	6.80	4.187	2.863	1.292	0.045	-0.462	-0.109	0.872	1.969	2.578	2.265
691	6.90	0.998	-0.785	-2.317	-2.828	-1.914	0.221	2.791	4.739	5.199	3.899
701	7.00	1.314	-1.533	-3.516	-3.916	-2.729	-0.661	1.328	2.318	2.040	0.877
711	7.10	-0.342	-0.796	-0.107	1.456	3.099	3.898	3.249	1.169	-1.706	-4.400
721	7.20	-6.025	-6.129	-4.818	-2.620	-0.183	2.006	3.750	5.064	5.966	6.300
731	7.30	5.724	3.893	0.758	-3.212	-7.032	-9.501	-9.683	-7.359	-3.219	1.357
741	7.40	4.834	6.176	5.290	3.042	0.823	-0.155	0.531	2.283	3.784	3.697
751	7.50	1.419	-2.499	-6.505	-8.730	-7.899	-4.020	1.506	6.448	8.725	7.369
761	7.60	2.978	-2.543	-6.852	-8.263	-6.393	-2.451	1.584	3.851	3.522	1.139
771	7.70	-1.737	-3.366	-2.747	-0.083	3.325	5.783	6.095	4.136	0.900	-2.024
781	7.80	-3.286	-2.436	-0.118	2.303	3.467	2.725	0.464	-2.103	-3.561	-3.008
791	7.90	-0.508	2.936	5.850	6.964	5.766	2.687	-1.141	-4.412	-6.191	-6.239
801	8.00	-4.998	-3.293	-1.911	-1.276	-1.348	-1.746	-2.008	-1.843	-1.247	-0.453
811	8.10	0.233	0.616	0.718	0.749	0.976	1.550	2.396	3.202	3.560	3.137
821	8.20	1.857	-0.026	-1.997	-3.465	-3.992	-3.460	-2.118	-0.463	0.983	1.792
831	8.30	1.557	1.611	1.094	0.629	0.249	-0.209	-0.974	-2.356	-3.509	-4.949
841	8.40	-5.593	-5.191	-3.619	-1.166	1.578	3.921	5.313	5.505	4.596	2.948
851	8.50	1.063	-0.664	-1.832	-2.275	-1.966	-1.031	0.272	1.597	2.604	3.079
861	8.60	3.037	2.740	2.596	2.949	3.872	5.051	5.867	5.658	4.051	1.203
871	8.70	-2.181	-5.092	-6.636	-6.411	-4.694	-2.308	-0.256	0.737	0.503	-0.517
881	8.80	-1.540	-1.837	-1.066	0.486	2.222	3.341	3.276	1.909	-0.397	-2.938
891	8.90	-4.917	-5.698	-4.988	-2.920	-0.033	2.858	4.869	5.312	3.948	1.124
901	9.00	-2.271	-5.087	-6.335	-5.597	-3.226	-0.209	2.262	3.342	2.925	1.676
911	9.10	0.648	0.683	1.896	3.538	4.338	3.187	-0.196	-4.973	-9.458	-11.855
921	9.20	-11.106	-7.426	-2.243	2.449	4.994	4.802	2.532	-0.342	-2.336	-2.706
931	9.30	-1.756	-0.551	-0.253	-1.381	-3.490	-5.368	-5.690	-3.733	0.194	4.866
941	9.40	8.703	10.506	9.969	7.730	4.973	2.801	1.732	1.556	1.597	1.192
951	9.50	0.110	-1.317	-2.603	-2.516	-1.452	0.433	2.399	3.687	3.876	3.050
961	9.60	1.698	0.433	-0.319	-0.493	-0.350	-0.288	-0.594	-1.302	-2.165	-2.809
971	9.70	-2.901	-2.305	-1.135	0.290	1.555	2.284	2.247	1.435	0.071	-1.437
981	9.80	-2.611	-3.062	-2.645	-1.545	-0.226	0.741	0.938	0.307	-0.790	-1.720
991	9.90	-1.881	-1.021	0.587	2.229	3.065	2.534	0.659	-1.920	-4.202	-5.267

Table 7-18-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1948 502-GR-S-7 HB. (HB.) KANHON BRIDGE MAX. ACC. = -120.395 (GAL) T= 2.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-4.685	-2.703	-0.115	2.106	3.237	3.085	1.993	0.601	-0.503	-1.054
1011	10.10	-1.161	-1.158	-1.332	-1.719	-2.065	-1.981	-1.192	0.262	1.992	3.421
1021	10.20	4.068	3.687	2.556	1.166	0.078	-0.355	-0.132	0.421	0.839	0.754
1031	10.30	0.070	-0.991	-2.005	-2.537	-2.332	-1.414	-0.057	1.338	2.409	2.958
1041	10.40	2.989	2.659	2.166	1.667	1.129	0.565	-0.172	-1.004	-1.792	-2.278
1051	10.50	-2.217	-1.514	-0.329	0.943	1.802	1.856	1.021	-0.406	-1.840	-2.653
1061	10.60	-2.467	-1.567	0.204	1.460	1.821	1.108	-0.315	-1.702	-2.263	-1.562
1071	10.70	0.260	2.520	4.306	4.897	4.109	2.373	0.526	-0.599	-0.569	0.458
1081	10.80	1.838	2.760	2.696	1.626	0.046	-1.289	-1.761	-1.196	0.050	1.272
1091	10.90	1.756	1.129	-0.471	-2.458	-4.068	-4.683	-4.093	-2.536	-0.576	1.155
1101	11.00	2.192	2.381	1.870	0.983	0.050	-0.723	-1.300	-1.778	-2.264	-2.869
1111	11.10	-3.450	-3.813	-3.694	-2.893	-1.992	0.579	2.564	4.004	4.416	3.587
1121	11.20	1.681	-0.783	-3.095	-4.605	-4.956	-4.213	-2.791	-1.269	-0.122	0.473
1131	11.30	0.674	0.835	1.272	2.054	2.933	3.457	3.205	2.024	0.148	-1.875
1141	11.40	-3.409	-3.995	-3.530	-2.271	-0.687	0.777	1.867	2.566	2.998	3.270
1151	11.50	3.357	3.104	2.343	1.046	-0.586	-2.156	-3.234	-3.567	-3.105	-2.185
1161	11.60	-1.184	-0.424	-0.022	0.111	0.148	0.189	0.176	-0.061	-0.646	-1.493
1171	11.70	-2.256	-2.459	-1.744	-0.128	1.909	3.572	4.104	3.169	1.069	-1.346
1181	11.80	-3.042	-3.294	-2.039	0.079	2.026	2.890	2.342	0.807	-0.767	-1.399
1191	11.90	-0.612	1.301	3.400	4.566	4.078	2.001	-0.821	-3.164	-4.016	-3.070
1201	12.00	-0.859	1.522	2.967	2.906	1.561	-0.196	-1.311	-1.097	0.412	2.484
1211	12.10	4.056	4.257	2.833	0.260	-2.485	-4.371	-4.760	-3.641	-1.570	0.617
1221	12.20	2.180	2.730	2.304	1.240	-0.028	-1.147	-1.914	-2.257	-2.162	-1.664
1231	12.30	-0.774	0.274	1.205	1.669	1.408	0.407	-1.038	-2.395	-3.009	-2.860
1241	12.40	-1.733	-0.211	1.025	1.409	0.751	-0.657	-2.176	-3.102	-3.009	-1.932
1251	12.50	-0.346	1.059	1.708	1.404	0.408	-0.699	-1.302	-1.045	0.012	1.424
1261	12.60	2.578	2.978	2.466	1.282	-0.054	-0.981	-1.147	-0.567	0.487	1.446
1271	12.70	1.875	1.562	0.624	-0.556	-1.493	-1.802	-1.352	-0.313	0.922	1.882
1281	12.80	2.205	1.757	0.675	-0.693	-1.917	-2.630	-2.643	-1.996	-0.921	0.238
1291	12.90	1.144	1.564	1.434	0.859	0.071	-0.656	-1.093	-1.124	-0.779	-0.215
1301	13.00	0.352	0.724	0.803	0.621	0.330	0.127	0.169	0.498	1.017	1.530
1311	13.10	1.823	1.765	1.364	0.764	0.186	-0.171	-0.212	0.027	0.408	0.761
1321	13.20	0.959	0.959	0.791	0.526	0.222	-0.084	-0.369	-0.588	-0.664	-0.513
1331	13.30	-0.105	0.481	1.041	1.301	1.038	0.205	-1.002	-2.189	-2.904	-2.836
1341	13.40	-1.962	-0.573	0.837	1.788	2.012	1.557	0.740	-0.037	-0.484	-0.566
1351	13.50	-0.481	-0.530	-0.911	-1.584	-2.271	-2.579	-2.216	-1.143	0.380	1.908
1361	13.60	3.006	3.332	3.210	2.571	1.802	1.088	0.451	-0.204	-0.957	-1.753
1371	13.70	-2.381	-2.556	-2.088	-1.022	0.330	1.503	2.077	1.879	1.062	0.032
1381	13.80	-0.757	-1.016	-0.756	-0.258	0.093	0.016	-0.519	-1.285	-1.928	-2.158
1391	13.90	-1.892	-1.273	-0.570	-0.018	0.304	0.487	0.694	1.020	1.388	1.572
1401	14.00	1.321	0.525	-0.671	-1.888	-2.672	-2.706	-1.967	-0.748	0.481	1.301
1411	14.10	1.538	1.330	1.024	0.965	1.289	1.639	2.241	2.115	1.294	-0.060
1421	14.20	-1.505	-2.528	-2.784	-2.257	-1.265	-0.284	0.290	0.328	0.018	-0.263
1431	14.30	-0.168	0.415	1.292	2.053	2.279	1.770	0.653	-0.655	-1.634	-1.898
1441	14.40	-1.363	-0.272	0.921	1.763	1.999	1.658	1.014	0.431	0.190	0.358
1451	14.50	0.775	1.138	1.144	0.627	-0.370	-1.610	-2.750	-3.466	-3.551	-2.995
1461	14.60	-1.964	-0.745	0.344	1.058	1.294	1.117	0.723	0.358	0.212	0.337
1471	14.70	0.624	0.847	0.769	0.262	-0.608	-1.583	-2.301	-2.439	-1.860	-0.681
1481	14.80	0.755	2.002	2.684	2.627	1.915	0.833	-0.253	-1.046	-1.405	-1.370
1491	14.90	-1.103	-0.791	-0.564	-0.456	-0.422	-0.380	-0.266	-0.061	0.209	0.483

Table 7-18-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1948 502-GR-S-7 HB. (HB.) KANHON BRIDGE MAX. ACC. = -120.395 (GAL) T= 2.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	0.694	0.776	0.686	0.408	-0.022	-0.509	-0.902	-1.039	-0.811	-0.229
1511	15.10	0.542	1.222	1.516	1.248	0.460	-0.574	-1.437	-1.740	-1.301	-0.230
1521	15.20	1.093	2.178	2.626	2.299	1.360	0.190	-0.795	-1.322	-1.358	-1.075
1531	15.30	-0.720	-0.468	-0.332	-0.182	0.137	0.672	1.284	1.689	1.596	0.876
1541	15.40	-0.331	-1.637	-2.555	-2.711	-2.017	-0.721	0.697	1.728	2.015	1.627
1551	15.50	0.735	-0.230	-0.922	-1.189	-1.110	-0.912	-0.814	-0.216	-1.128	-1.251
1561	15.60	-1.090	-0.578	0.171	0.907	1.353	1.340	0.886	0.185	-0.482	-0.871
1571	15.70	-0.875	-0.559	-0.108	0.272	0.450	0.429	0.329	0.313	0.500	0.902
1581	15.80	1.408	1.861	2.031	1.897	1.478	0.915	0.384	0.019	-0.144	-0.173
1591	15.90	-0.198	-0.336	-0.619	-0.971	-1.231	-1.234	-0.892	-0.260	0.473	1.046
1601	16.00	1.237	0.984	0.327	-0.421	-0.981	-1.132	-0.835	-0.247	0.342	0.642
1611	16.10	0.496	-0.051	-0.763	-1.321	-1.469	-1.129	-0.461	0.302	0.783	0.808
1621	16.20	0.382	-0.274	-0.846	-1.056	-0.795	-0.168	0.549	1.031	1.015	0.552
1631	16.30	-0.277	-1.132	-1.694	-1.757	-1.301	-0.487	0.421	1.169	1.606	1.724
1641	16.40	1.633	1.483	1.386	1.362	1.337	1.199	0.866	0.365	-0.250	-0.740
1651	16.50	-0.952	-0.798	-0.317	0.333	0.928	1.264	1.230	0.842	0.230	-0.422
1661	16.60	-0.946	-1.244	-1.305	-1.192	-0.990	-0.768	-0.555	-0.342	-0.104	0.166
1671	16.70	0.448	0.700	0.880	0.965	0.966	0.911	0.826	0.709	0.525	0.226
1681	16.80	-0.212	-0.753	-1.293	-1.680	-1.777	-1.524	-0.979	-0.317	0.229	0.458
1691	16.90	0.286	-0.213	-0.828	-1.298	-1.420	-1.138	-0.572	0.036	0.423	0.422
1701	17.00	0.033	-0.578	-1.157	-1.470	-1.402	-0.998	-0.431	0.093	0.424	0.531
1711	17.10	0.497	0.456	0.517	0.703	0.947	1.132	1.163	1.011	0.721	0.381
1721	17.20	0.063	-0.208	-0.452	-0.694	-0.918	-1.052	-0.993	-0.684	-0.168	0.389
1731	17.30	0.758	0.760	0.569	-0.232	-0.716	-0.751	-0.173	0.907	2.122	2.999
1741	17.40	3.168	2.550	1.400	0.203	-0.546	-0.576	0.042	0.934	1.617	1.737
1751	17.50	1.242	0.394	-0.380	-0.717	-0.509	0.040	0.538	0.600	0.394	-0.800
1761	17.60	-1.674	-2.092	-1.821	-0.961	0.100	0.874	1.013	0.485	-0.423	-1.148
1771	17.70	-1.587	-1.291	-0.528	0.311	0.822	0.788	0.283	-0.374	-0.797	-0.726
1781	17.80	-0.156	0.662	1.355	1.612	1.332	0.660	-0.094	-0.616	-0.742	-0.527
1791	17.90	-0.205	-0.062	-0.288	-0.880	-1.639	-2.258	-2.464	-2.132	-1.336	-0.319
1801	18.00	0.618	1.224	1.389	1.161	0.697	0.184	-0.243	-0.539	-0.740	-0.912
1811	18.10	-1.089	-1.238	-1.265	-1.068	-0.598	-0.089	0.394	0.828	1.587	1.309
1821	18.20	0.615	-0.300	-1.176	-1.774	-1.959	-1.736	-1.222	-0.588	0.017	0.006
1831	18.30	0.869	1.139	1.354	1.527	1.666	1.684	1.630	1.484	1.259	0.956
1841	18.40	0.557	0.053	-0.535	-1.122	-1.557	-1.674	-1.363	-0.649	0.286	1.154
1851	18.50	1.660	1.639	1.127	0.360	-0.329	-0.659	-0.529	-0.064	0.453	0.718
1861	18.60	0.551	-0.015	-0.761	-1.388	-1.664	-1.514	-1.044	-0.458	0.050	0.382
1871	18.70	0.583	0.678	0.799	0.918	0.969	0.798	0.438	-0.035	-0.431	-0.350
1881	18.80	-0.295	0.266	0.910	1.362	1.413	1.026	0.346	-0.376	-0.904	-1.121
1891	18.90	-1.068	-0.896	-0.766	-0.761	-0.848	-0.906	-0.815	-0.527	-0.097	0.347
1901	19.00	0.675	0.816	0.781	0.635	0.443	0.228	-0.029	-0.350	-0.706	-0.995
1911	19.10	-1.079	-0.852	-0.324	0.356	0.929	1.160	0.929	0.308	-0.464	-1.095
1921	19.20	-1.370	-1.255	-0.897	-0.534	-0.363	-0.427	-0.596	-0.644	-0.384	0.216
1931	19.30	0.991	1.648	1.897	1.592	0.805	-0.207	-1.105	-1.612	-1.610	-1.161
1941	19.40	-0.450	0.304	0.931	1.346	1.535	1.517	1.316	0.961	0.496	0.004
1951	19.50	-0.405	-0.628	-0.414	-0.405	-0.101	0.164	0.300	0.298	0.220	0.157
1961	19.60	0.159	0.264	0.207	0.088	-0.165	-0.457	-0.424	-0.509	-0.069	0.580
1971	19.70	1.185	1.468	1.256	0.565	-0.370	-1.214	-1.662	-1.572	-1.015	-0.227
1981	19.80	0.501	0.971	1.111	1.004	0.790	0.590	0.446	0.337	0.232	0.143
1991	19.90	0.140	0.307	0.668	1.128	1.489	1.523	1.093	0.243	-0.789	-1.662

Table 7-18-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1948 502-GR-9-7 HB. (HB.) KANNON BRIDGE MAX. ACC. = -120.395 (GAL) T= 2.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-2.078	-1.916	-1.278	-0.469	0.257	0.662	0.701	0.600	0.549	0.670
2011	20.10	0.912	1.078	0.944	0.408	-0.422	-1.252	-1.732	-1.640	-0.998	-0.086
2021	20.20	0.697	1.007	0.734	0.069	-0.688	-1.115	-1.050	-0.581	-0.012	0.300
2031	20.30	0.140	-0.448	-1.182	-1.683	-1.672	-1.115	-0.240	0.576	0.997	0.895
2041	20.40	0.414	-0.117	-0.351	-0.107	0.530	1.244	1.665	1.652	0.642	-0.535
2051	20.50	-1.657	-2.312	-2.267	-1.561	-0.670	0.612	1.336	1.518	1.177	0.509
2061	20.60	-0.241	-0.864	-1.249	-1.388	-1.337	-1.161	-0.899	-0.560	-0.147	0.316
2071	20.70	0.765	1.113	1.275	1.206	0.921	0.490	0.017	-0.401	-0.697	-0.846
2081	20.80	-0.858	-0.759	-0.573	-0.314	0.005	0.359	0.703	0.969	1.084	0.996
2091	20.90	0.704	0.267	-0.202	-0.568	-0.714	-0.583	-0.199	0.334	0.868	1.257
2101	21.00	1.403	1.286	0.963	0.542	0.138	-0.166	-0.338	-0.409	-0.432	-0.458
2111	21.10	-0.507	-0.560	-0.572	-0.499	-0.325	-0.078	0.176	0.357	0.405	0.299
2121	21.20	0.071	-0.213	-0.470	-0.639	-0.692	-0.634	-0.495	-0.301	-0.065	0.220
2131	21.30	0.562	0.954	1.348	1.658	1.760	1.626	1.169	0.460	-0.366	-1.133
2141	21.40	-1.673	-1.880	-1.746	-1.356	-0.854	-0.388	-0.062	0.098	0.129	0.108
2151	21.50	0.102	0.143	0.219	0.293	0.332	0.330	0.314	0.322	0.381	0.483
2161	21.60	0.583	0.622	0.555	0.384	0.153	-0.062	-0.202	-0.248	-0.236	-0.236
2171	21.70	-0.316	-0.499	-0.743	-0.961	-1.052	-0.952	-0.661	-0.243	0.204	0.595
2181	21.80	0.873	1.030	1.077	1.020	0.846	0.520	0.033	-0.536	-1.096	-1.471
2191	21.90	-1.515	-1.174	-0.531	0.203	0.766	0.943	0.669	0.062	-0.612	-1.050
2201	22.00	-1.034	-0.526	0.310	1.184	1.792	1.944	1.633	1.020	0.358	-0.133
2211	22.10	-0.349	-0.335	-0.241	-0.233	-0.398	-0.703	-1.006	-1.128	-0.947	-0.464
2221	22.20	0.191	0.798	1.143	1.094	0.653	-0.049	-0.804	-1.405	-1.708	-1.672
2231	22.30	-1.349	-0.853	-0.315	0.159	0.506	0.708	0.781	0.757	0.674	0.558
2241	22.40	0.428	0.274	0.097	-0.115	-0.356	-0.594	-0.773	-0.823	-0.690	-0.368
2251	22.50	0.084	0.516	0.874	0.948	0.729	0.280	-0.245	-0.657	-0.802	-0.619
2261	22.60	-0.163	0.418	0.947	1.279	1.352	1.191	0.879	0.508	0.140	-0.206
2271	22.70	-0.536	-0.842	-1.084	-1.189	-1.083	-0.739	-0.206	0.386	0.871	1.105
2281	22.80	1.020	0.654	0.124	-0.420	-0.657	-1.128	-1.243	-1.242	-1.160	-0.997
2291	22.90	-0.725	-0.317	0.211	0.784	1.286	1.597	1.653	1.475	1.162	0.851
2301	23.00	0.647	0.588	0.629	0.677	0.647	0.511	0.308	0.124	0.036	0.062
2311	23.10	0.150	0.197	0.110	-0.140	-0.491	-0.811	-0.958	-0.845	-0.491	-0.014
2321	23.20	0.614	0.644	0.614	0.371	0.049	-0.195	-0.247	-0.065	0.217	0.530
2331	23.30	0.722	0.713	0.501	0.155	-0.226	-0.543	-0.752	-0.856	-0.905	-0.958
2341	23.40	-1.060	-1.214	-1.375	-1.467	-1.410	-1.150	-0.688	-0.087	0.538	1.051
2351	23.50	1.343	1.361	1.131	0.765	0.323	-0.027	-0.254	-0.371	-0.435	-0.506
2361	23.60	-0.408	-0.705	-0.716	-0.560	-0.203	0.302	0.820	1.177	1.225	0.905
2371	23.70	0.279	-0.490	-1.195	-1.655	-1.773	-1.559	-1.109	-0.559	-0.030	0.403
2381	23.80	0.713	0.906	0.992	0.970	0.833	0.580	0.237	-0.140	-0.480	-0.719
2391	23.90	-0.827	-0.817	-0.730	-0.612	-0.483	-0.333	-0.130	0.144	0.466	0.762
2401	24.00	0.926	0.869	0.567	0.087	-0.421	-0.777	-0.839	-0.567	-0.045	0.566
2411	24.10	0.995	1.144	0.943	0.469	-0.112	-0.611	-0.889	-0.892	-0.663	-0.300
2421	24.20	0.088	0.425	0.682	0.861	0.970	0.999	0.917	0.692	0.319	-0.158
2431	24.30	-0.644	-1.020	-1.186	-1.095	-0.777	-0.323	0.150	0.540	0.794	0.913
2441	24.40	0.942	0.930	0.911	0.883	0.821	0.694	0.486	0.212	-0.089	-0.365
2451	24.50	-0.574	-0.696	-0.735	-0.708	-0.639	-0.541	-0.421	-0.279	-0.121	0.042
2461	24.60	0.189	0.302	0.369	0.356	0.401	0.411	0.446	0.510	0.589	0.650
2471	24.70	0.655	0.572	0.389	0.124	-0.182	-0.475	-0.699	-0.619	-0.626	-0.743
2481	24.80	-0.609	-0.465	-0.334	-0.216	-0.086	0.082	0.299	0.542	0.755	0.869
2491	24.90	0.827	0.622	0.306	-0.016	-0.222	-0.221	0.014	0.424	0.883	1.242

Table 7-18-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1948 502-GR-9-7 HB. (HB.) KANNON BRIDGE MAX. ACC. = -120.395 (GAL) T= 2.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.374	1.221	0.804	0.214	-0.423	-0.983	-1.377	-1.558	-1.523	-1.295
2511	25.10	-0.916	-0.441	0.064	0.525	0.867	1.031	0.994	0.777	0.444	0.078
2521	25.20	-0.241	-0.469	-0.604	-0.681	-0.748	-0.857	-0.948	-1.047	-1.085	-1.020
2531	25.30	-0.844	-0.583	-0.292	-0.029	0.168	0.293	0.367	0.424	0.491	0.571
2541	25.40	0.650	0.701	0.703	0.653	0.566	0.466	0.370	0.278	0.174	0.039
2551	25.50	-0.146	-0.370	-0.599	-0.786	-0.886	-0.874	-0.758	-0.575	-0.374	-0.199
2561	25.60	-0.074	0.002	0.047	0.081	0.117	0.152	0.172	0.156	0.096	-0.010
2571	25.70	-0.146	-0.293	-0.433	-0.555	-0.651	-0.718	-0.750	-0.738	-0.673	-0.555
2581	25.80	-0.393	-0.210	-0.034	0.109	0.208	0.270	0.313	0.363	0.436	0.534
2591	25.90	0.660	0.729	0.775	0.764	0.699	0.598	0.484	0.381	0.303	0.248
2601	26.00	0.209	0.171	0.124	0.064	-0.004	-0.068	-0.117	-0.145	-0.155	-0.158
2611	26.10	-0.171	-0.212	-0.269	-0.309	-0.324	-0.436	-0.708	-0.218	-0.462	-0.550
2621	26.20	-0.411	-0.273	-0.142	-0.087	-0.044	-0.015	0.018	0.069	0.142	0.229
2631	26.30	0.320	0.400	0.459	0.491	0.491	0.458	0.391	0.294	0.174	0.046
2641	26.40	-0.076	-0.183	-0.271	-0.350	-0.435	-0.537	-0.657	-0.781	-0.881	-0.928
2651	26.50	-0.900	-0.793	-0.624	-0.421	-0.215	-0.026	0.139	0.288	0.430	0.570
2661	26.60	0.704	0.816	0.890	0.915	0.890	0.823	0.729	0.621	0.509	0.399
2671	26.70	0.297	0.210	0.146	0.111	0.097	0.085	0.050	-0.035	-0.174	-0.352
2681	26.80	-0.524	-0.640	-0.656	-0.557	-0.365	-0.127	0.101	0.279	0.399	0.484
2691	26.90	0.579	0.711	0.884	1.067	1.204	1.240	1.147	0.939	0.668	0.400
2701	27.00	0.193	0.071	0.018	-0.011	-0.062	-0.162	-0.302	-0.445	-0.542	-0.559
2711	27.10	-0.490	-0.366	-0.227	-0.122	-0.065	-0.041	-0.010	0.072	0.229	0.451
2721	27.20	0.692	0.887	0.977	0.926	0.738	0.448	0.112	-0.217	-0.504	-0.732
2731	27.30	-0.903	-1.019	-1.079	-1.071	-0.980	-0.802	-0.552	-0.270	-0.011	0.173
2741	27.40	0.257	0.249	0.197	0.162	0.197	0.317	0.488	0.635	0.676	0.560
2751	27.50	0.296	-0.047	-0.345	-0.488	-0.515	-0.451	-0.193	0.142	0.519	0.505
2761	27.60	-0.131	-0.443	-1.041	-1.173	-0.984	-0.543	-0.022	0.374	0.487	0.265
2771	27.70	-0.212	-0.770	-1.207	-1.371	-1.210	-0.789	-0.251	0.242	0.567	0.681
2781	27.80	0.625	0.491	0.378	0.354	0.429	0.566	0.697	0.769	0.749	0.645
2791	27.90	0.493	0.339	0.219	0.168	0.116	0.097	0.066	0.005	-0.085	-0.186
2801	28.00	-0.275	-0.336	-0.367	-0.387	-0.426	-0.511	-0.654	-0.838	-1.016	-1.129
2811	28.10	-1.126	-0.981	-0.712	-0.374	-0.042	0.219	0.374	0.428	0.421	0.305
2821	28.20	0.419	0.477	0.537	0.577	0.556	0.505	0.426	0.180	-0.049	-0.312
2831	28.30	-0.004	-0.021	-0.080	-0.207	-0.394	-0.597	-0.757	-0.820	-0.768	-0.611
2841	28.40	-0.401	-0.195	-0.031	0.077	0.149	0.216	0.306	0.422	0.539	0.617
2851	28.50	0.620	0.532	0.370	0.177	0.007	-0.100	-0.136	-0.122	-0.104	-0.132
2861	28.60	-0.236	-0.408	-0.620	-0.818	-0.947	-0.975	-0.895	-0.729	-0.517	-0.301
2871	28.70	-0.117	0.020	0.109	0.165	0.207	0.257	0.330	0.431	0.555	0.684
2881	28.80	0.790	0.843	0.817	0.703	0.515	0.285	0.059	-0.124	-0.243	-0.301
2891	28.90	-0.327	-0.356	-0.413	-0.500	-0.592	-0.667	-0.630	-0.529	-0.365	-0.183
2901	29.00	-0.036	0.042	0.049	0.019	0.006	0.055	0.181	0.359	0.535	0.647
2911	29.10	0.451	0.552	0.375	0.182	0.028	-0.059	-0.086	-0.087	-0.105	-0.173
2921	29.20	-0.295	-0.447	-0.588	-0.675	-0.678	-0.589	-0.419	-0.188	0.074	0.341
2931	29.30	0.584	0.776	0.891	0.907	0.820	0.643	0.410	0.170	-0.026	-0.137
2941	29.40	-0.141	-0.039	0.150	0.393	0.653	0.892	1.072	1.162	1.141	1.000
2951	29.50	0.758	0.439	0.102	-0.204	-0.439	-0.585	-0.650	-0.656	-0.631	-0.589
2961	29.60	-0.532	-0.444	-0.317	-0.140	0.071	0.284	0.443	0.578	0.615	0.578
2971	29.70	0.484	0.361	0.219	0.067	-0.088	-0.239	-0.367	-0.450	-0.466	-0.407
2981	29.80	-0.286	-0.136	0.002	0.089						

Table 7-19-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1949 707-GR-1-1 HA. (HA.) ONGAGAWA ES. MAX. ACC. = -44.079 (GAL) T= 6.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.592	0.206	1.146	2.128	3.052	3.894	4.731	5.705	6.912	8.305
11	0.10	9.653	10.609	10.861	10.293	9.058	7.515	6.045	4.836	3.759	2.419
21	0.20	0.369	-2.602	-6.264	-9.951	-12.784	-14.035	-13.449	-11.364	-8.561	-5.910
31	0.30	-3.985	-2.832	-2.024	-0.916	0.809	3.170	5.566	7.185	7.379	6.010
41	0.40	3.570	0.992	-0.738	-0.998	0.227	2.388	4.649	6.285	6.980	6.916
51	0.50	6.622	6.681	7.446	8.885	10.643	12.211	13.163	13.313	12.734	11.671
61	0.60	10.390	9.060	7.699	6.213	4.477	2.417	0.069	-2.418	-4.806	-6.830
71	0.70	-8.251	-8.928	-8.858	-8.205	-7.265	-6.399	-5.912	-5.957	-6.470	-7.205
81	0.80	-7.837	-8.105	-7.919	-7.385	-6.734	-6.179	-5.790	-5.444	-4.883	-3.851
91	0.90	-2.239	-0.169	2.045	4.018	5.457	6.264	6.547	6.538	6.455	6.412
101	1.00	6.394	6.321	6.140	5.889	5.683	5.634	5.749	5.876	5.734	5.039
111	1.10	3.641	1.626	-0.692	-2.886	-4.572	-5.559	-5.888	-5.781	-5.501	-5.228
121	1.20	-4.988	-4.678	-4.163	-3.381	-2.405	-1.424	-0.661	-0.281	-0.320	-0.687
131	1.30	-1.207	-1.690	-1.975	-1.938	-1.478	-0.506	1.035	3.110	5.535	7.950
141	1.40	9.878	10.854	10.589	9.098	6.725	4.037	1.626	-0.108	-1.098	-1.605
151	1.50	-2.078	-2.913	-4.250	-5.866	-7.254	-7.831	-7.209	-5.393	-2.826	-0.249
161	1.60	1.578	2.168	1.499	0.017	-1.558	-2.535	-2.544	-1.689	-0.496	0.317
171	1.70	0.151	-1.210	-3.500	-6.069	-8.133	-9.061	-8.592	-6.884	-4.407	-1.728
181	1.80	0.703	2.681	4.246	5.579	6.857	8.144	9.353	10.296	10.766	10.619
191	1.90	9.814	8.411	6.532	4.335	1.989	-0.331	-2.466	-4.299	-5.800	-7.041
201	2.00	-8.177	-9.368	-10.676	-11.984	-12.997	-13.336	-12.706	-11.066	-8.710	-6.198
211	2.10	-4.160	-3.037	-2.888	-3.342	-3.754	-3.680	-2.168	0.073	2.718	5.058
221	2.20	6.524	6.947	6.637	6.237	6.421	7.567	9.566	11.846	13.605	14.154
231	2.30	13.205	10.987	8.136	5.421	3.417	2.286	1.742	1.218	0.148	-1.765
241	2.40	-4.411	-7.316	-9.850	-11.493	-12.047	-11.702	-10.940	-10.309	-10.188	-10.625
251	2.50	-11.336	-11.831	-11.645	-10.540	-8.612	-6.256	-3.995	-2.266	-1.235	-0.739
261	2.60	-0.360	0.385	1.830	4.008	6.617	9.138	11.030	11.942	11.838	10.995
271	2.70	9.667	8.885	8.261	7.921	7.532	6.675	5.051	2.643	-0.239	-3.056
281	2.80	-5.240	-6.417	-6.554	-5.971	-5.212	-4.826	-5.146	-6.165	-7.553	-8.813
291	2.90	-9.499	-9.403	-8.635	-7.560	-6.619	-6.127	-6.130	-6.391	-6.504	-6.081
301	3.00	-4.929	-3.131	-1.002	1.062	2.758	3.998	4.920	5.790	6.843	8.148
311	3.10	9.564	10.793	11.520	11.551	10.895	9.742	8.369	7.010	5.773	4.632
321	3.20	3.498	2.324	1.182	0.265	-0.181	0.026	0.905	2.285	3.860	5.294
331	3.30	6.342	6.908	7.041	6.863	6.460	5.926	5.165	4.142	2.851	1.374
341	3.40	-0.131	-1.493	-2.608	-3.482	-4.230	-5.004	-5.915	-6.960	-8.019	-8.905
351	3.50	-9.452	-9.585	-9.353	-8.891	-8.345	-7.808	-7.281	-6.699	-5.994	-5.157
361	3.60	-4.261	-3.432	-2.777	-2.310	-1.923	-1.415	-0.585	0.471	2.296	4.076
371	3.70	5.721	6.980	7.739	8.063	8.150	8.233	8.472	8.877	9.315	9.568
381	3.80	9.433	8.806	7.715	6.303	4.757	3.234	1.815	0.496	-0.785	-2.096
391	3.90	-3.463	-4.854	-6.174	-7.292	-8.079	-8.437	-8.331	-7.803	-6.966	-5.985
401	4.00	-5.031	-4.235	-3.645	-3.216	-2.829	-2.349	-1.690	-0.863	0.017	0.776
411	4.10	1.260	1.406	1.286	1.085	1.037	1.331	2.038	3.090	4.306	5.465
421	4.20	6.383	6.970	7.244	7.309	7.303	7.348	7.505	7.746	7.954	7.947
431	4.30	7.528	6.556	5.012	3.046	0.952	-0.917	-2.281	-3.061	-3.432	-3.770
441	4.40	-4.481	-5.795	-7.610	-9.487	-10.806	-11.042	-10.030	-8.091	-5.924	-4.324
451	4.50	-3.806	-4.351	-5.379	-5.992	-5.383	-3.225	0.153	3.886	6.938	8.552
461	4.60	8.559	7.414	5.944	4.926	4.729	5.168	5.651	5.527	4.462	2.636
471	4.70	0.677	-0.841	-0.783	0.274	2.020	3.636	4.368	3.862	2.301	0.297
481	4.80	-1.407	-2.273	-2.191	-1.485	-0.722	-0.429	-0.850	-1.058	-3.049	-3.957
491	4.90	-4.283	-4.030	-3.486	-3.064	-3.099	-3.675	-4.587	-5.431	-5.795	-5.444

Table 7-19-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1949 707-GR-1-1 HA. (HA.) ONGAGAWA ES. MAX. ACC. = -44.079 (GAL) T= 6.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-4.437	-3.095	-1.858	-1.082	-0.872	-1.040	-1.194	-0.934	-0.058	1.321
511	5.10	2.813	3.914	4.240	3.704	2.562	1.290	0.366	0.049	0.290	0.785
521	5.20	1.167	1.212	0.943	0.587	0.392	0.434	0.525	0.301	-0.553	-2.053
531	5.30	-3.805	-5.123	-5.344	-4.194	-2.004	0.373	1.931	2.013	0.691	-1.192
541	5.40	-2.377	-1.799	0.832	4.794	8.587	10.592	9.823	6.453	1.782	-2.304
551	5.50	-4.216	-3.430	-0.795	1.794	2.231	-0.829	-7.316	-15.707	-23.630	-28.849
561	5.60	-30.176	-27.919	-23.649	-19.433	-16.874	-16.401	-17.124	-17.298	-15.165	-9.788
571	5.70	-1.496	8.239	17.418	24.327	28.180	29.320	28.933	28.422	28.758	30.099
581	5.80	31.605	32.819	32.193	29.514	25.039	19.522	13.854	8.712	4.381	0.813
591	5.90	-2.154	-4.578	-8.309	-7.079	-6.703	-5.272	-3.212	-1.151	0.339	0.979
601	6.00	0.861	0.437	0.050	-0.134	-0.359	-1.162	-3.092	-6.385	-10.769	-15.508
611	6.10	-19.677	-22.545	-23.874	-23.991	-23.603	-23.441	-23.908	-24.895	-25.844	-26.015
621	6.20	-24.814	-22.034	-17.914	-13.011	-7.968	-3.309	0.665	3.858	6.306	8.101
631	6.30	9.378	10.356	11.366	12.813	15.048	18.193	22.002	25.841	28.845	30.182
641	6.40	29.348	26.358	21.743	16.371	11.139	6.686	3.215	0.500	-1.951	-4.656
651	6.50	-7.875	-11.579	-15.341	-18.508	-20.376	-20.386	-18.281	-14.175	-8.548	-2.146
661	6.60	4.170	9.890	13.568	15.831	16.507	16.008	14.909	13.760	12.909	12.382
671	6.70	11.648	10.698	8.220	3.835	-2.471	-11.000	-20.323	-29.437	-37.050	-42.110
681	6.80	-44.079	-43.040	-39.603	-34.642	-28.965	-23.084	-17.027	-10.662	-3.743	3.737
691	6.90	11.632	18.704	24.843	29.341	32.087	33.393	33.831	33.961	34.085	34.120
701	7.00	33.655	32.153	29.205	24.738	19.097	12.986	7.299	2.888	0.341	-0.200
711	7.10	0.881	2.719	4.147	4.008	1.520	-3.424	-10.138	-17.288	-23.306	-26.915
721	7.20	-27.588	-25.709	-22.407	-19.033	-16.590	-15.310	-14.610	-13.633	-10.831	-6.498
731	7.30	-1.009	4.363	8.143	9.367	7.799	4.178	-0.211	-4.055	-6.487	-7.326
741	7.40	-6.955	-6.000	-4.989	-4.050	-3.131	-2.001	-0.571	1.027	2.446	3.446
751	7.50	4.499	5.327	6.628	8.795	11.889	15.544	19.067	21.692	22.870	22.442
761	7.60	20.644	17.938	14.777	11.422	7.893	4.045	-0.265	-5.039	-10.081	-15.046
771	7.70	-19.564	-23.360	-26.339	-28.577	-30.262	-31.589	-32.639	-33.461	-33.769	-33.281
781	7.80	-31.659	-28.707	-24.387	-18.972	-12.963	-6.951	-1.427	3.402	7.677	11.805
791	7.90	16.221	21.130	26.330	31.234	35.097	37.364	37.984	37.395	36.542	36.274
801	8.00	37.023	38.532	39.906	39.976	37.790	33.036	26.180	18.269	10.502	3.740
811	8.10	-1.671	-6.067	-9.980	-13.835	-17.639	-20.965	-23.071	-23.669	-22.046	-19.273
821	8.20	-16.032	-13.277	-11.673	-11.370	-12.015	-12.971	-13.629	-13.673	-13.179	-12.533
831	8.30	-12.219	-12.584	-13.679	-15.231	-16.729	-17.587	-17.318	-15.654	-12.612	-8.479
841	8.40	-3.738	1.057	5.418	9.059	11.969	14.386	16.685	19.178	21.936	24.480
851	8.50	26.834	27.712	28.793	23.948	19.537	14.289	9.040	4.414	0.597	-2.691
861	8.60	-6.010	-9.890	-14.538	-19.688	-24.678	-28.704	-31.137	-31.758	-30.805	-28.829
871	8.70	-26.422	-23.991	-21.542	-18.921	-15.823	-12.099	-7.787	-3.550	0.383	3.511
881	8.80	5.669	6.981	7.760	8.346	8.951	9.590	10.132	10.417	10.485	10.139
891	8.90	9.913	9.968	10.468	11.399	12.572	13.694	14.479	14.736	14.411	13.567
901	9.00	12.327	10.820	9.148	7.387	5.597	3.829	2.127	0.509	-1.046	-2.583
911	9.10	-4.150	-5.780	-7.370	-8.885	-10.196	-11.211	-11.888	-12.220	-12.212	-11.837
921	9.20	-11.027	-9.700	-7.818	-5.444	-2.763	-0.069	2.423	4.880	6.117	7.485
931	9.30	8.808	10.215	11.780	13.178	14.043	13.964	12.681	10.212	6.870	3.173
941	9.40	-0.321	-3.194	-5.279	-6.644	-7.603	-8.355	-9.048	-9.414	-9.822	-9.401
951	9.50	-8.184	-6.213	-3.755	-1.214	1.012	2.677	3.765	4.457	5.008	5.591
961	9.60	6.178	6.534	6.310	5.228	3.242	0.613	-2.156	-4.495	-6.014	-6.849
971	9.70	-6.695	-6.664	-7.054	-8.108	-9.696	-11.367	-12.547	-12.790	-11.978	-10.349
981	9.80	-8.377	-6.527	-5.036	-3.807	-2.477	-0.626	1.973	5.189	8.526	11.298
991	9.90	12.892	13.054	11.914	10.137	8.514	7.771	8.298	10.022	12.451	14.858

Table 7-19-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1949 707-GR-1-1 HA. (HA.) ONGAGAWA ES. MAX. ACC. = -44.079 (GAL) T= 6.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	16.534	17.021	16.248	14.520	12.390	10.638	9.058	8.307	7.884	7.243
1011	10.10	5.798	3.163	-0.683	-5.353	-10.174	-14.119	-17.562	-19.457	-20.351	-20.746
1021	10.20	-21.144	-21.810	-22.646	-23.236	-23.048	-21.691	-19.111	-15.441	-11.874	-8.428
1031	10.30	-5.701	-3.735	-2.235	-0.723	1.246	3.910	7.231	10.948	14.696	18.134
1041	10.40	21.016	23.202	24.608	25.179	24.878	23.717	21.790	19.277	16.395	13.316
1051	10.50	10.108	6.705	2.996	-1.067	-5.370	-9.596	-13.310	-16.105	-17.774	-18.401
1061	10.60	-18.328	-18.016	-17.840	-17.939	-18.180	-18.248	-17.823	-16.754	-15.142	-13.291
1071	10.70	-11.542	-10.201	-9.221	-8.399	-7.387	-5.065	-3.686	-0.923	2.177	5.302
1081	10.80	8.206	10.784	13.073	15.198	17.284	19.369	21.471	23.406	25.019	26.123
1091	10.90	26.558	26.203	25.005	22.984	20.250	16.987	13.424	9.777	6.202	2.771
1101	11.00	-0.514	-3.669	-6.670	-9.420	-11.767	-13.569	-14.769	-15.459	-15.865	-16.273
1111	11.10	-16.920	-17.888	-19.068	-20.200	-20.981	-21.186	-20.739	-19.721	-18.294	-16.601
1121	11.20	-14.692	-12.505	-9.930	-6.896	-3.460	0.183	3.752	6.991	9.770	12.136
1131	11.30	14.271	16.387	18.594	20.813	22.768	24.087	24.441	23.694	21.975	19.653
1141	11.40	17.217	14.595	13.595	12.670	12.111	11.567	10.700	9.293	7.292	4.799
1151	11.50	1.962	-1.003	-3.933	-6.674	-9.066	-10.926	-12.095	-12.481	-12.146	-11.333
1161	11.60	-10.437	-9.890	-10.008	-10.861	-12.237	-13.708	-14.798	-15.163	-14.718	-13.643
1171	11.70	-12.269	-10.907	-9.698	-8.566	-7.286	-5.643	-3.568	-1.207	1.152	3.225
1181	11.80	4.892	6.265	7.620	9.224	11.137	13.109	14.634	15.156	14.330	12.219
1191	11.90	9.317	6.382	4.142	3.013	2.957	3.536	4.135	4.242	3.659	2.544
1201	12.00	1.285	0.285	-0.247	-0.375	-0.390	-0.657	-1.446	-2.834	-4.703	-6.821
1211	12.10	-8.939	-10.867	-12.479	-13.691	-14.433	-14.653	-14.354	-13.627	-12.665	-11.599
1221	12.20	-10.597	-9.578	-8.312	-6.499	-3.932	-0.663	2.943	6.293	8.780	10.030
1231	12.30	10.072	9.337	8.477	8.090	8.461	9.449	10.570	11.240	11.051	9.967
1241	12.40	8.338	6.728	5.645	5.306	5.529	5.822	5.607	4.490	2.438	-0.193
1251	12.50	-2.809	-4.820	-5.882	-6.022	-5.606	-5.170	-5.181	-5.841	-7.004	-8.250
1261	12.60	-9.074	-9.108	-8.288	-6.892	-5.433	-4.440	-4.239	-4.797	-5.752	-6.452
1271	12.70	-6.405	-5.309	-3.276	-0.781	1.534	3.112	3.709	3.482	2.913	2.603
1281	12.80	3.019	4.310	6.263	8.408	10.214	11.292	11.517	11.017	10.065	8.928
1291	12.90	7.739	6.465	4.957	3.059	0.714	-1.976	-4.766	-7.345	-9.426	-10.834
1301	13.00	-11.539	-11.652	-11.370	-10.910	-10.441	-10.038	-9.664	-9.192	-8.465	-7.372
1311	13.10	-5.919	-4.265	-2.688	-1.492	-0.878	-0.835	-1.101	-1.228	-0.739	0.687
1321	13.20	3.072	6.112	9.280	12.015	13.927	14.916	15.189	15.026	14.799	14.613
1331	13.30	14.360	13.768	12.556	10.591	7.956	4.936	1.889	-0.899	-3.311	-5.413
1341	13.40	-7.376	-9.356	-11.400	-13.407	-15.175	-16.686	-17.190	-17.244	-16.693	-15.625
1351	13.50	-14.117	-12.222	-9.993	-7.523	-4.974	-2.564	-0.512	1.041	2.083	2.750
1361	13.60	3.280	3.927	4.879	6.195	7.793	9.483	11.026	12.190	12.802	12.774
1371	13.70	12.124	10.970	9.519	8.028	6.738	5.807	5.246	4.906	4.526	3.828
1381	13.80	2.642	0.991	-0.897	-2.673	-4.008	-4.735	-4.950	-4.958	-5.160	-5.858
1391	13.90	-7.104	-8.651	-10.037	-10.768	-10.536	-9.356	-7.576	-5.742	-4.377	-3.771
1401	14.00	-3.868	-4.302	-4.567	-4.232	-3.128	-1.406	0.541	2.260	3.435	4.007
1411	14.10	4.181	4.304	4.683	5.440	6.446	7.390	7.926	7.838	7.150	6.113
1421	14.20	5.109	4.477	4.384	4.761	5.351	5.835	5.967	5.669	5.043	4.290
1431	14.30	3.603	3.073	2.658	2.226	1.639	0.843	-0.101	-1.043	-1.818	-2.337
1441	14.40	-2.632	-2.845	-3.166	-3.732	-4.587	-5.646	-6.754	-7.747	-8.522	-9.053
1451	14.50	-9.365	-9.479	-9.363	-8.923	-8.037	-6.628	-4.724	-2.485	-0.161	1.987
1461	14.60	3.779	5.183	6.307	7.345	8.473	9.758	11.122	12.355	13.197	13.436
1471	14.70	12.982	11.903	10.398	8.727	7.132	5.768	4.667	3.747	2.853	1.815
1481	14.80	0.512	-1.081	-2.874	-4.675	-6.247	-7.378	-7.963	-8.054	-7.855	-7.666
1491	14.90	-7.764	-8.306	-9.232	-10.271	-11.026	-11.116	-10.320	-8.672	-6.461	-4.124

Table 7-19-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1949 707-GR-1-1 HA. (HA.) ONGAGAWA ES. MAX. ACC. = -44.079 (GAL) T= 6.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-2.094	-0.668	0.102	0.587	0.884	1.370	2.199	3.335	4.580	5.675
1511	15.10	6.407	6.490	6.583	6.249	5.883	5.637	5.580	5.694	5.895	6.069
1521	15.20	6.109	5.930	5.486	4.777	3.848	2.786	1.698	0.681	-0.207	-0.970
1531	15.30	-1.663	-2.356	-3.083	-3.805	-4.405	-4.731	-4.662	-4.180	-3.395	-2.514
1541	15.40	-1.769	-1.312	-1.154	-1.154	-1.085	-0.737	-0.015	1.009	2.118	3.032
1551	15.50	3.517	3.464	2.916	2.031	1.009	0.007	-0.901	-1.729	-2.536	-3.370
1561	15.60	-4.234	-5.065	-5.764	-6.229	-6.392	-6.245	-5.839	-5.243	-4.618	-3.991
1571	15.70	-3.429	-2.940	-2.497	-2.060	-1.613	-1.177	-0.825	-0.658	-0.755	-1.120
1581	15.80	-1.614	-2.121	-2.302	-1.980	-1.109	0.169	1.549	2.688	3.250	3.217
1591	15.90	2.716	2.052	1.538	1.344	1.411	1.475	1.200	0.354	-1.052	-2.737
1601	16.00	-4.249	-5.150	-5.204	-4.472	-3.284	-2.086	-1.240	-0.891	-0.914	-1.006
1611	16.10	-0.868	-0.262	0.716	1.866	2.898	3.602	3.915	3.933	3.824	3.726
1621	16.20	3.671	3.586	3.361	2.941	2.385	1.854	1.538	1.544	1.828	2.190
1631	16.30	2.361	2.132	1.465	0.530	-0.353	-0.849	-0.754	-0.095	0.873	1.763
1641	16.40	2.208	1.994	1.156	-0.066	-1.322	-2.297	-2.827	-2.944	-2.845	-2.780
1651	16.50	-2.942	-3.367	-3.919	-4.343	-4.372	-3.841	-2.767	-1.352	0.078	1.193
1661	16.60	1.774	1.789	1.393	0.860	0.460	0.354	0.535	0.838	1.029	0.912
1671	16.70	0.414	-0.377	-1.256	-1.988	-2.400	-2.435	-2.158	-1.696	-1.177	-0.672
1681	16.80	-0.189	0.296	0.794	1.267	1.638	1.828	1.805	1.616	1.376	1.219
1691	16.90	1.237	1.447	1.788	2.169	2.528	2.867	3.245	3.720	4.286	4.833
1701	17.00	5.162	5.062	4.409	3.266	1.786	0.347	-0.769	-1.395	-1.555	-1.441
1711	17.10	-1.313	-1.372	-1.672	-2.103	-2.456	-2.516	-2.261	-1.711	-1.093	-0.667
1721	17.20	-0.544	-0.804	-1.299	-1.813	-2.140	-2.179	-1.976	-1.698	-1.570	-1.759
1731	17.30	-2.302	-3.072	-3.819	-4.255	-4.163	-3.485	-2.359	-1.074	0.026	0.667
1741	17.40	0.750	0.393	-0.122	-0.456	-0.362	0.216	1.125	2.059	2.714	2.921
1751	17.50	2.726	2.369	2.165	2.353	2.974	3.863	4.433	5.028	4.873	4.250
1761	17.60	3.442	2.795	2.559	2.770	3.237	3.639	3.679	3.217	2.334	1.280
1771	17.70	0.349	-0.257	-0.516	-0.578	-0.683	-1.035	-1.704	-2.599	-3.510	-4.196
1781	17.80	-4.490	-4.348	-3.852	-3.161	-2.441	-1.805	-1.274	-0.781	-0.204	0.590
1791	17.90	1.693	3.103	4.702	6.253	7.445	7.971	7.624	6.382	4.441	2.179

Table 7-20-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1950 707-GR-1-1 U-D (U-D) ONGAGAWA ES. MAX. ACC. = 30.339 (GAL) T= 7.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-2.405	-1.949	-1.549	-1.419	-1.596	-1.840	-1.672	-0.685	1.388	4.272
11	0.10	7.259	9.424	10.007	8.763	6.105	2.958	0.369	-0.946	-0.893	-0.002
21	0.20	0.887	1.075	0.391	-0.694	-1.286	-0.509	2.036	6.029	10.506	14.228
31	0.30	16.160	15.850	13.542	10.099	6.213	2.953	0.652	-0.650	-1.165	-1.177
41	0.40	-0.928	-0.600	-0.347	-0.331	-0.689	-1.441	-2.410	-3.221	-3.618	-2.667
51	0.50	-0.954	1.345	3.555	4.940	4.888	3.602	1.123	-1.830	-4.600	-6.714
61	0.60	-7.979	-8.438	-8.233	-7.473	-6.166	-4.364	-2.083	0.524	3.083	5.275
71	0.70	6.870	7.839	8.335	8.587	8.748	8.790	8.509	7.632	5.979	3.595
81	0.80	0.782	-1.974	-4.157	-5.364	-5.398	-4.286	-2.236	0.416	3.242	5.749
91	0.90	7.425	7.824	6.699	4.128	0.579	-3.166	-8.204	-7.794	-7.601	-5.824
101	1.00	-3.130	-0.428	1.426	1.900	0.920	-1.151	-3.662	-5.885	-7.217	-7.315
111	1.10	-6.160	-4.044	-1.493	0.859	2.439	2.907	2.282	0.963	-0.391	-1.109
121	1.20	-0.782	0.529	2.287	3.670	3.969	2.852	0.628	-1.890	-3.712	-4.119
131	1.30	-3.000	-0.925	1.112	2.155	1.760	0.243	-1.421	-2.020	-0.660	2.772
141	1.40	7.470	11.944	14.550	14.092	10.280	3.845	-3.685	-10.483	-14.977	-16.297
151	1.50	-14.470	-10.327	-5.199	-0.490	2.720	3.949	3.386	1.772	0.104	-0.723
161	1.60	-0.238	1.427	3.581	5.230	5.454	3.787	0.425	-3.806	-7.741	-10.293
171	1.70	-10.658	-9.517	-6.976	-4.248	-2.264	-1.613	-1.600	-2.171	-2.329	-1.490
181	1.80	0.447	3.043	5.493	6.953	6.880	5.252	2.589	-0.234	-2.293	-2.944
191	1.90	-2.047	-0.004	2.381	4.186	4.699	3.660	1.355	-1.499	-4.016	-5.472
201	2.00	-5.569	-4.523	-2.955	-1.606	-1.018	-1.297	-2.091	-2.775	-2.767	-1.833
211	2.10	-0.232	1.381	2.248	1.866	0.244	-2.070	-4.207	-5.353	-5.102	-3.623
221	2.20	-1.576	0.197	1.044	0.782	-0.257	-1.419	-2.047	-1.798	-0.779	0.532
231	2.30	1.548	1.842	1.395	0.548	-0.147	-0.217	0.509	1.602	3.147	2.921
241	2.40	3.752	2.602	0.833	-0.933	-2.047	-2.071	-0.921	1.106	3.442	5.436
251	2.50	6.547	6.509	5.365	3.434	1.180	-0.944	-2.631	-3.790	-4.523	-5.032
261	2.60	-5.488	-5.925	-6.211	-6.105	-5.388	-4.007	-2.155	-0.247	1.218	1.850
271	2.70	1.543	0.561	-0.645	-1.435	-1.418	-0.530	0.912	2.346	3.197	3.125
281	2.80	2.172	0.744	-0.553	-1.166	-0.804	0.457	2.230	3.996	5.308	5.951
291	2.90	5.976	5.620	5.155	4.745	4.376	3.892	3.096	1.883	0.320	-1.351
301	3.00	-2.792	-3.695	-3.887	-3.388	-2.355	-1.209	-0.128	0.631	0.982	0.967
311	3.10	0.723	0.427	0.246	0.300	0.634	1.209	1.910	2.569	3.002	3.063
321	3.20	2.680	1.887	0.816	-0.342	-1.382	-2.147	-2.551	-2.585	-2.306	-1.803
331	3.30	-1.187	-0.580	-0.115	0.075	-0.116	-0.724	-1.672	-2.761	-3.706	-4.214
341	3.40	-4.091	-3.320	-2.080	-0.688	0.512	1.278	1.553	1.468	1.265	1.171
351	3.50	1.294	1.571	1.808	1.789	1.393	0.669	-0.167	-0.813	-1.005	-0.823
361	3.60	0.258	1.403	2.506	3.304	3.455	3.574	3.195	2.705	2.261	1.936
371	3.70	1.696	1.421	0.954	0.171	-0.956	-2.313	-3.644	-4.604	-4.863	-4.234
381	3.80	-2.780	-0.855	0.970	2.075	2.016	0.712	-1.476	-3.837	-5.541	-5.934
391	3.90	-4.783	-2.370	0.606	3.283	4.941	5.245	4.322	2.670	0.939	-0.320
401	4.00	-0.828	-0.626	0.003	0.680	1.089	1.068	0.631	-0.073	-0.832	-1.450
411	4.10	-1.794	-1.821	-1.585	-1.207	-0.831	-0.561	-0.404	-0.261	0.040	0.639
421	4.20	1.538	2.528	3.251	3.344	2.348	0.881	-1.230	-2.634	-2.859	-1.649
431	4.30	0.658	3.197	4.910	5.009	3.349	0.550	-2.249	-3.878	-3.672	-1.788
441	4.40	0.846	2.948	3.471	2.090	-0.642	-3.545	-5.357	-5.303	-3.431	-0.561
451	4.50	2.118	3.598	3.486	2.126	0.370	-0.872	-1.061	-0.252	0.989	1.910
461	4.60	1.952	1.007	-0.565	-2.139	-3.133	-3.253	-2.592	-1.527	-0.524	0.067
471	4.70	0.121	-0.272	-0.904	-1.559	-2.086	-2.407	-2.485	-2.288	-1.787	-0.978
481	4.80	0.083	1.267	2.389	3.249	3.693	3.641	3.113	2.214	1.128	0.086
491	4.90	-0.672	-0.949	-0.666	0.103	1.113	2.030	2.549	2.523	2.034	1.358

Table 7-20-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1950 707-GR-1-1 U-D (U-D) ONGAGAWA ES. MAX. ACC. = 30.339 (GAL) T= 7.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.837	0.704	0.954	1.336	1.476	1.067	0.035	-1.404	-2.838	-3.833
511	5.10	-4.104	-3.590	-2.401	-0.707	1.349	3.645	5.964	7.915	8.924	8.455
521	5.20	6.328	3.005	-0.390	-2.413	-1.936	1.200	5.659	9.873	10.874	7.387
531	5.30	-0.316	-10.076	-18.568	-22.665	-20.849	-14.007	-5.176	1.717	3.616	-0.230
541	5.40	-7.792	-15.088	-17.926	-13.821	-3.209	10.609	22.808	29.057	27.340	18.744
551	5.50	7.018	-3.250	-8.411	-7.302	-3.541	5.210	9.285	8.085	5.520	-8.236
561	5.60	-17.717	-23.599	-23.965	-18.910	-10.342	-1.142	5.912	9.042	7.923	3.600
571	5.70	-1.983	-6.651	-8.637	-7.050	-2.062	5.063	12.492	18.141	20.368	16.462
581	5.80	12.897	5.223	-2.407	-7.936	-10.087	-8.770	-5.072	-0.807	2.170	2.631
591	5.90	0.364	-3.638	-8.553	-12.280	-13.951	-13.211	-10.416	-6.406	-2.174	1.424
601	6.00	3.868	5.051	5.257	5.080	5.264	6.484	9.078	12.814	16.799	19.633
611	6.10	19.819	16.336	9.146	-0.583	-10.705	-18.738	-22.706	-21.850	-16.905	-9.794
621	6.20	-2.874	1.977	4.035	3.884	3.016	3.060	5.010	8.791	13.323	17.030
631	6.30	18.506	17.046	12.812	6.631	-0.423	-7.401	-13.649	-18.727	-22.238	-23.734
641	6.40	-22.840	-19.548	-14.502	-9.032	-4.817	-3.236	-4.686	-8.238	-11.846	-13.136
651	6.50	-10.453	-3.741	5.257	13.563	18.164	17.313	11.367	2.742	-5.025	-8.761
661	6.60	-6.907	-0.362	8.068	14.781	16.938	13.669	6.429	-1.637	-7.036	-7.369
671	6.70	-2.319	6.275	15.186	21.072	21.724	16.772	7.859	-3.046	-12.629	-19.093
681	6.80	-21.602	-20.422	-16.517	-11.035	-4.959	1.010	6.361	10.629	13.344	14.132
691	6.90	12.878	9.875	5.796	1.484	-2.540	-5.323	-7.517	-9.205	-10.586	-11.515
701	7.00	-11.455	-9.709	-5.836	-0.039	6.678	12.742	16.536	17.032	14.229	9.178
711	7.10	3.577	-0.919	-3.346	-3.759	-3.080	-2.568	-3.144	-4.914	-7.115	-8.484
721	7.20	-7.888	-4.892	0.000	5.536	10.235	12.976	13.389	11.876	9.296	6.501
731	7.30	3.959	1.640	-0.816	-3.778	-7.349	-11.270	-15.057	-18.241	-20.560	-21.989
741	7.40	-22.525	-22.220	-20.552	-17.018	-11.182	-3.099	6.459	16.070	24.049	29.006
751	7.50	30.339	28.429	24.423	19.754	15.511	11.350	9.266	6.115	2.633	-3.094
761	7.60	-8.660	-13.529	-16.493	-16.774	-14.370	-10.043	-5.050	-0.656	2.289	3.591
771	7.70	3.668	3.276	3.159	3.750	5.051	6.715	8.256	9.307	9.771	9.861
781	7.80	9.976	10.491	11.554	12.976	14.266	14.784	13.996	11.679	8.017	3.539
791	7.90	-1.089	-5.320	-8.927	-12.032	-14.971	-18.030	-21.199	-24.066	-25.928	-26.080
801	8.00	-24.155	-20.358	-15.444	-10.448	-6.258	-3.241	-1.092	0.993	3.891	8.049
811	8.10	13.148	18.094	21.347	21.593	18.101	11.239	2.300	-6.880	-14.516	-19.106
821	8.20	-21.213	-20.418	-18.010	-15.047	-12.279	-9.965	-7.896	-5.606	-2.640	1.212
831	8.30	5.788	10.565	14.788	17.673	18.640	17.509	14.599	10.690	6.831	4.030
841	8.40	2.912	3.470	5.018	6.388	6.341	4.038	-0.587	-6.729	-12.922	-17.511
851	8.50	-19.197	-17.470	-12.752	-6.218	0.624	6.432	10.409	12.445	13.000	12.801
861	8.60	12.511	12.474	12.637	12.637	11.987	10.288	7.385	3.432	-1.136	-5.693
871	8.70	-9.563	-12.163	-13.138	-12.462	-10.453	-7.712	-4.956	-2.804	-1.577	-1.182
881	8.80	-1.250	-0.819	0.395	2.735	5.956	9.365	12.025	13.977	14.975	8.743
891	8.90	3.855	-1.901	-7.695	-12.879	-17.109	-20.314	-22.570	-23.941	-24.375	-23.707
901	9.00	-21.756	-18.471	-14.031	-8.889	-3.675	0.959	4.531	6.884	8.126	8.758
911	9.10	9.313	10.262	11.825	13.886	16.010	17.568	17.936	16.703	13.837	9.737
921	9.20	5.161	1.027	-1.858	-3.052	-2.626	-1.143	0.533	1.548	1.379	0.029
931	9.30	-1.948	-3.756	-4.497	-3.716	-1.679	1.620	4.725	7.071	8.286	8.511
941	9.40	8.245	8.161	8.456	9.069	9.315	8.491	6.039	1.973	-3.074	-8.047
951	9.50	-11.894	-13.996	-14.416	-13.838	-13.218	-15.315	-14.315	-15.732	-16.640	-16.125
961	9.60	-13.739	-9.754	-5.065	-0.820	2.072	3.318	3.318	2.930	3.024	4.060
971	9.70	5.887	7.740	8.790	8.374	6.410	3.435	0.394	-1.741	-2.339	-1.522
981	9.80	0.861	3.349	5.355	6.236	5.740	4.013	1.511	-1.134	-3.268	-4.369
991	9.90	-4.182	-2.806	-0.713	1.368	2.675	2.699	1.425	-0.595	-2.404	-3.003

Table 7-20-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1950 707-GR-1-1 U-D (U-D) ONGAGAWA ES. MAX. ACC. = 30.339 (GAL) T= 7.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-1.783	1.161	4.994	8.423	10.198	9.623	6.848	2.812	-1.156	-3.880
1011	10.10	-4.797	-4.129	-2.692	-1.462	-1.109	-1.711	-2.785	-3.586	-3.509	-2.398
1021	10.20	-0.600	1.229	2.461	2.793	2.362	1.629	1.130	1.206	1.871	2.849
1031	10.30	3.746	4.236	4.170	3.555	2.467	0.954	-0.961	-3.204	-5.532	-7.492
1041	10.40	-8.521	-8.162	-6.317	-3.385	-0.192	2.292	3.338	2.763	1.010	-1.052
1051	10.50	-2.517	-2.854	-2.122	-0.909	-0.005	0.011	-0.920	-2.303	-3.325	-3.269
1061	10.60	-1.876	0.495	3.018	4.767	5.140	4.137	2.366	0.785	0.289	1.337
1071	10.70	3.768	6.867	9.650	11.221	11.073	9.222	5.148	2.599	-0.660	-3.002
1081	10.80	-4.364	-4.661	-4.313	-3.803	-3.585	-3.939	-4.880	-6.150	-7.290	-7.803
1091	10.90	-7.335	-5.824	-3.552	-1.076	0.949	1.988	1.798	0.492	-1.517	-3.675
1101	11.00	-5.456	-6.497	-6.647	-5.937	-4.521	-2.612	-0.660	1.665	3.477	4.746
1111	11.10	5.346	5.329	4.928	4.485	4.305	4.515	4.983	5.359	5.226	4.304
1121	11.20	2.606	0.470	-1.550	-2.898	-3.218	-2.479	-0.947	0.944	2.765	4.217
1131	11.30	5.149	5.504	5.225	4.231	2.458	-0.033	-2.966	-5.849	-8.099	-9.245
1141	11.40	-9.118	-7.932	-6.192	-4.471	-3.154	-2.273	-1.524	-0.456	1.257	3.600
1151	11.50	6.159	8.271	9.300	8.909	7.213	4.739	2.208	0.265	-0.742	-0.822
1161	11.60	-0.255	0.597	1.474	2.303	3.168	4.183	5.354	6.496	7.260	7.251
1171	11.70	6.178	3.996	0.960	-2.420	-5.500	-7.680	-8.567	-8.009	-6.523	-4.418
1181	11.80	-2.433	-1.133	-0.798	-1.326	-2.263	-2.975	-2.891	-1.744	0.300	2.683
1191	11.90	4.660	5.589	5.190	3.662	1.608	-0.203	-1.147	-0.984	0.056	1.378
1201	12.00	2.271	2.190	0.977	-1.092	-3.410	-5.273	-6.133	-5.793	-4.468	-2.693
1211	12.10	-1.123	-0.283	-0.371	-1.172	-2.144	-2.630	-2.137	-0.575	1.661	3.812
1221	12.20	5.039	4.788	3.056	0.441	-2.070	-3.504	-3.332	-1.727	0.482	2.156
1231	12.30	2.345	0.733	-2.195	-5.346	-7.490	-7.799	-6.215	-3.462	-0.711	0.956
1241	12.40	1.024	-0.246	-1.973	-3.093	-2.855	-1.155	1.452	4.044	5.765	6.208
1251	12.50	5.569	4.603	3.477	3.225	3.643	4.319	4.668	4.248	2.974	1.150
1261	12.60	-0.694	-2.055	-2.684	-2.673	-2.376	-2.212	-2.459	-3.132	-3.989	-4.655
1271	12.70	-4.800	-4.283	-3.201	-1.847	-0.585	0.287	0.639	0.534	0.195	-0.095
1281	12.80	-0.092	0.319	1.088	2.009	2.789	3.139	2.869	1.957	0.564	-1.000
1291	12.90	-2.368	-3.222	-3.385	-2.876	-1.901	-0.781	0.142	0.624	0.585	0.143
1301	13.00	-0.434	-0.815	-0.726	-0.048	1.126	2.519	3.749	4.468	4.487	3.837
1311	13.10	2.761	1.613	0.711	0.208	0.038	-0.047	-0.349	-1.076	-2.231	-3.588
1321	13.20	-4.778	-5.429	-5.314	-4.425	-2.961	-1.231	0.468	1.942	3.122	4.015
1331	13.30	4.633	4.932	4.816	4.197	3.070	1.572	-0.036	-1.444	-2.405	-2.826
1341	13.40	-2.790	-2.508	-2.199	-2.006	-1.920	-1.812	-1.516	-0.942	-0.148	0.645
1351	13.50	1.132	1.031	0.209	-1.253	-3.065	-4.812	-6.078	-6.577	-6.242	-5.238
1361	13.60	-3.901	-2.622	-1.709	-1.284	-1.243	-1.314	-1.172	-0.600	0.400	1.571
1371	13.70	2.485	2.714	2.027	0.525	-1.344	-2.923	-3.579	-2.960	-1.147	1.355
1381	13.80	3.794	5.459	5.957	5.359	4.162	3.070	2.692	3.279	4.616	6.113
1391	13.90	7.058	6.923	5.597	3.446	1.170	-0.473	-0.978	-0.288	1.180	2.708
1401	14.00	3.566	3.303	1.920	-0.132	-2.135	-3.387	-3.464	-2.375	-0.544	1.359
1411	14.10	2.673	2.975	2.209	0.671	-1.129	-2.668	-3.586	-3.782	-3.404	-2.749
1421	14.20	-2.134	-1.775	-1.732	-1.921	-2.170	-2.301	-2.194	-1.823	-1.257	-0.634
1431	14.30	-0.115	0.162	0.128	-0.184	-0.630	-0.975	-0.957	-0.372	0.834	2.509
1441	14.40	4.300	5.737	6.376	5.940	4.527	2.428	0.232	-1.462	-2.230	-1.979
1451	14.50	-0.979	0.232	1.053	1.049	0.117	-1.464	-3.137	-4.268	-4.380	-3.335
1461	14.60	-1.382	0.922	2.900	3.980	3.876	2.667	0.756	-1.273	-2.839	-3.546
1471	14.70	-3.283	-2.246	-0.850	0.404	1.092	1.006	0.213	-0.961	-2.038	-2.556
1481	14.80	-2.232	-1.107	0.575	2.195	3.217	3.270	2.324	0.724	-0.920	-1.965
1491	14.90	-1.977	-0.907	0.887	2.785	4.153	4.599	4.127	3.113	2.130	1.690

Table 7-20-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1950 707-GR-1-1 U-D (U-D) ONGAGAWA ES. MAX. ACC. = 30.339 (GAL) T= 7.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	2.019	2.965	4.070	4.778	4.675	3.659	1.972	0.086	-1.486	-2.408
1511	15.10	-2.605	-2.269	-1.742	-1.369	-1.376	-1.805	-2.554	-3.418	-4.178	-4.650
1521	15.20	-4.715	-4.335	-3.553	-2.498	-1.370	-0.400	0.219	0.404	0.226	-0.106
1531	15.30	-0.322	-0.216	0.255	0.930	1.512	1.701	1.353	0.570	-0.318	-0.883
1541	15.40	-0.786	0.073	1.486	3.026	4.235	4.792	4.616	4.011	3.228	2.605
1551	15.50	2.274	2.153	2.020	1.662	1.006	0.170	-0.586	-1.000	-0.940	-0.478
1561	15.60	0.136	0.601	0.704	0.428	-0.049	-0.449	-0.546	-0.276	0.200	0.584
1571	15.70	0.570	0.002	-1.030	-2.238	-3.187	-3.518	-3.064	-1.919	-0.405	1.051
1581	15.80	2.068	2.437	2.175	1.494	0.710	0.126	-0.064	0.174	0.721	1.357
1591	15.90	1.826	1.915	1.501	0.580	-0.734	-2.232	-3.656	-4.756	-5.334	-5.315
1601	16.00	-4.742	-3.778	-2.661	-1.637	-0.891	-0.504	-0.432	-0.541	-0.666	-0.678
1611	16.10	-0.540	-0.322	-0.144	-0.214	-0.552	-1.135	-1.799	-2.308	-2.452	-2.138
1621	16.20	-1.449	-0.638	-0.038	0.058	-0.476	-1.528	-2.777	-3.795	-4.212	-3.855
1631	16.30	-2.823	-1.450	-0.175	0.634	0.818	0.485	-0.049	-0.396	-0.268	0.409
1641	16.40	1.471	2.591	3.414	3.698	3.390	2.622	1.637	0.689	-0.044	-0.487
1651	16.50	-0.635	-0.607	-0.406	-0.110	0.225	0.523	0.700	0.689	0.482	0.155
1661	16.60	-0.167	-0.276	-0.159	0.144	0.441	0.484	0.087	-0.761	-1.862	-2.862
1671	16.70	-3.396	-3.242	-2.439	-1.279	-0.199	0.400	0.322	-0.344	-1.270	-2.034
1681	16.80	-2.303	-1.969	-1.188	-0.299	0.326	0.436	-0.015	-0.845	-1.753	-2.431
1691	16.90	-2.679	-2.457	-1.877	-1.129	-0.406	0.169	0.568	0.845	1.094	1.390
1701	17.00	1.742	2.081	2.271	2.162	1.659	0.771	-0.354	-1.462	-2.268	-2.559
1711	17.10	-2.275	-1.539	-0.612	0.216	0.748	0.956	0.978	1.028	1.260	1.662
1721	17.20	2.038	2.097	1.601	0.522	-0.909	-2.266	-3.101	-3.163	-2.503	-1.467
1731	17.30	-0.532	-0.074	-0.182	-0.614	-0.910	-0.661	0.319	1.819	3.333	4.274
1741	17.40	4.250	3.254	1.681	0.158	-0.725	-0.667	0.232	1.587	2.737	3.395
1751	17.50	3.405	2.965	2.441	2.180	2.329	2.788	3.271	3.459	3.145	2.323
1761	17.60	1.170	-0.036	-1.027	-1.622	-1.753	-1.448	-0.792	0.098	1.080	1.997
1771	17.70	2.696	3.069	3.112	2.940	2.766	2.812	3.209	3.912	4.701	5.261
1781	17.80	5.325	4.797	3.813	2.683	1.759	1.276	1.256	1.516	1.779	1.826
1791	17.90	1.610	1.276	1.068	1.182	1.638	2.242	2.660	2.576	1.867	0.580

Table 7-21-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1951 707-GR-1-1 HB. (HB.) ONGAGAWA ES. MAX. ACC. = -67.204 (GAL) T= 9.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	2.652	3.410	3.674	3.578	3.308	3.007	2.724	2.432	2.090	1.706
11	0.10	1.370	1.201	1.296	1.655	2.166	2.638	2.905	2.887	2.638	2.314
21	0.20	2.092	2.083	2.277	2.555	2.749	2.731	2.477	2.080	1.715	1.565
31	0.30	1.752	2.296	3.116	4.063	4.972	5.711	6.209	6.460	6.507	6.409
41	0.40	6.204	5.885	5.397	4.662	3.635	2.352	0.961	-0.294	-1.145	-1.405
51	0.50	-1.058	-0.291	0.556	1.113	1.126	0.555	-0.406	-1.424	-2.166	-2.440
61	0.60	-2.256	-1.796	-1.306	-0.977	-0.875	-0.953	-1.123	-1.344	-1.664	-2.182
71	0.70	-2.965	-3.959	-4.957	-5.651	-5.749	-5.097	-3.736	-1.881	0.173	2.169
81	0.80	3.950	5.459	6.680	7.569	8.041	8.013	7.466	6.606	5.650	4.924
91	0.90	4.626	4.743	5.044	5.196	4.934	4.210	3.228	2.346	1.881	1.933
101	1.00	2.312	2.618	2.438	1.549	0.041	-1.730	-3.306	-4.342	-4.741	-4.669
111	1.10	-4.431	-4.295	-4.375	-4.610	-4.860	-5.040	-5.199	-5.497	-6.082	-6.951
121	1.20	-7.873	-8.445	-8.255	-7.072	-4.980	-2.355	0.276	2.444	3.908	4.692
131	1.30	5.004	5.078	5.025	4.802	4.265	3.297	1.925	0.351	-1.115	-2.170
141	1.40	-2.836	-2.500	-1.881	-0.956	0.114	1.204	2.198	2.956	3.306	3.107
151	1.50	2.322	1.077	-0.351	-1.636	-2.556	-3.400	-3.477	-3.994	-4.280	-4.096
161	1.60	-7.316	-8.048	-7.854	-6.609	-4.606	-2.478	-0.947	-0.517	-1.249	-2.733
171	1.70	-4.266	-5.151	-4.983	-3.786	-1.954	-0.040	1.500	2.481	3.010	3.370
181	1.80	3.836	4.528	5.367	6.143	6.642	6.756	6.531	6.124	5.719	5.435
191	1.90	5.298	5.244	5.172	4.982	4.597	3.953	2.995	1.691	0.060	-1.789
201	2.00	-3.659	-5.311	-6.551	-7.322	-7.740	-8.052	-8.517	-9.269	-10.225	-11.086
211	2.10	-11.462	-11.044	-9.762	-7.849	-5.770	-4.045	-3.065	-2.842	-3.184	-3.601
221	2.20	-3.595	-2.833	-1.262	0.887	3.206	5.270	6.780	7.646	7.971	7.969
231	2.30	7.848	7.718	7.551	7.206	6.518	5.394	3.891	2.231	0.752	-0.204
241	2.40	-0.414	0.128	1.191	2.373	3.236	3.458	2.948	1.859	0.516	-0.727
251	2.50	-1.632	-2.152	-2.415	-2.617	-2.898	-3.243	-3.481	-3.376	-2.766	-1.668
261	2.60	-0.312	0.940	1.739	1.899	1.475	0.731	0.015	-0.395	-0.408	-0.144
271	2.70	0.148	0.207	-0.098	-0.735	-1.535	-2.285	-2.839	-3.181	-3.414	-3.694
281	2.80	-4.142	-4.767	-5.458	-6.017	-6.230	-5.944	-5.117	-3.822	-2.234	-0.577
291	2.90	0.923	2.099	2.880	3.322	3.591	3.921	4.525	5.509	6.805	8.168
301	3.00	9.254	9.750	9.504	8.608	7.371	6.202	5.435	5.184	5.289	5.389
311	3.10	5.095	4.174	2.668	0.867	-0.732	-1.822	-2.256	-2.205	-2.058	-2.235
321	3.20	-2.989	-4.292	-5.842	-7.202	-7.990	-8.034	-7.428	-6.458	-5.457	-4.658
331	3.30	-4.113	-3.712	-3.249	-2.729	-2.042	-1.349	-0.798	-0.446	-0.289	-0.094
341	3.40	0.332	1.126	2.276	3.621	4.905	5.902	6.488	6.670	6.543	6.212
351	3.50	5.720	5.037	4.098	2.878	1.449	-0.019	-1.309	-2.246	-2.769	-2.942
361	3.60	-2.900	-2.765	-2.572	-2.255	-1.705	-0.867	0.182	1.219	1.943	2.104
371	3.70	1.617	0.619	-0.584	-1.639	-2.290	-2.472	-2.313	-2.040	-1.858	-1.843
381	3.80	-1.924	-1.939	-1.741	-1.292	-0.691	-0.129	0.211	0.242	0.015	-0.303
391	3.90	-0.512	-0.460	-0.091	0.551	1.362	2.229	3.059	3.779	4.320	4.614
401	4.00	4.608	4.299	3.745	3.165	2.689	2.479	2.562	2.822	3.051	3.039
411	4.10	2.686	2.062	1.388	0.946	0.959	1.489	2.405	3.436	4.269	4.653
421	4.20	4.462	3.702	2.472	0.907	-0.853	-2.673	-4.410	-5.914	-7.037	-7.683
431	4.30	-7.845	-7.623	-7.200	-6.778	-6.506	-6.426	-6.470	-6.499	-6.363	-5.963
441	4.40	-5.279	-4.367	-3.336	-2.314	-1.427	-0.777	-0.423	-0.368	-0.437	-0.474
451	4.50	-0.190	0.655	2.154	4.102	6.390	8.299	9.474	9.692	9.042	7.902
461	4.60	6.780	6.097	6.098	6.327	6.619	6.397	5.439	3.439	0.992	-1.530
471	4.70	-3.689	-5.249	-6.229	-6.835	-7.302	-7.752	-8.128	-8.248	-7.937	-7.160
481	4.80	-6.079	-4.998	-4.218	-3.875	-3.871	-3.901	-3.609	-2.749	-1.408	0.191
491	4.90	1.613	2.506	2.736	2.447	1.980	1.704	1.841	2.380	3.108	3.749

Table 7-21-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1951 707-GR-1-1 HB. (HB.) ONGAGAWA ES. MAX. ACC. = -67.204 (GAL) T= 9.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	4.118	4.218	4.225	4.374	4.808	5.481	6.170	6.575	6.475	5.833
511	5.10	4.808	3.656	2.611	1.765	1.060	0.368	-0.388	-1.143	-1.719	-1.915
521	5.20	-1.661	-1.102	-0.571	-0.445	-0.954	-2.045	-3.388	-4.526	-5.102	-5.050
531	5.30	-4.631	-4.330	-4.447	-5.260	-6.439	-7.838	-7.172	-7.172	-5.527	-3.589
541	5.40	-1.304	0.180	0.823	0.734	0.288	-0.056	0.065	0.807	2.104	3.713
551	5.50	5.290	6.456	6.876	6.345	4.901	2.893	0.961	-0.133	0.196	2.049
561	5.60	4.883	7.628	9.089	8.491	5.917	2.391	-0.495	-1.275	0.659	4.675
571	5.70	9.069	11.768	11.255	7.285	1.034	-5.416	-10.023	-11.718	-10.864	-9.024
581	5.80	-8.154	-9.608	-13.471	-18.546	-22.936	-25.032	-24.280	-21.440	-18.173	-16.196
591	5.90	-16.435	-18.589	-21.308	-22.863	-21.995	-18.469	-13.157	-7.605	-3.353	-1.317
601	6.00	-1.518	-3.200	-5.221	-6.488	-6.240	-4.118	-0.090	5.667	12.806	20.804
611	6.10	28.958	36.481	42.714	47.364	50.636	53.135	55.537	58.167	60.681	62.047
621	6.20	60.876	55.994	47.006	34.610	20.500	6.897	-4.126	-11.252	-14.241	-13.894
631	6.30	-11.691	-9.296	-8.067	-8.790	-11.581	-16.021	-21.395	-26.959	-32.173	-36.818
641	6.40	-40.996	-44.992	-49.049	-53.138	-56.823	-59.301	-59.632	-57.088	-51.492	-43.371
651	6.50	-33.843	-24.377	-16.115	-9.852	-5.487	-2.469	0.048	2.809	6.267	10.515
661	6.60	15.435	20.857	26.082	32.178	38.918	44.785	49.703	53.316	54.971	54.677
671	6.70	52.708	49.529	45.551	40.949	35.646	29.483	22.448	14.863	7.356	0.635
681	6.80	-4.847	-9.130	-12.759	-16.524	-21.046	-26.411	-32.044	-36.906	-39.924	-40.456
691	6.90	-38.571	-35.024	-30.937	-27.366	-24.935	-23.700	-23.267	-23.047	-22.518	-21.361
701	7.00	-19.442	-16.729	-13.215	-8.948	-4.122	0.819	5.221	8.400	9.928	9.892
711	7.10	8.966	8.227	8.754	11.172	15.357	20.381	24.853	27.407	27.212	24.283
721	7.20	19.480	14.217	9.953	7.784	8.088	10.437	13.861	17.101	19.030	18.969
731	7.30	16.864	13.273	9.160	5.573	3.254	2.351	2.310	2.020	0.189	-4.142
741	7.40	-11.270	-20.431	-30.129	-38.472	-43.772	-45.072	-42.411	-36.735	-29.504	-22.161
751	7.50	-15.659	-10.241	-5.516	-0.781	4.570	10.716	17.282	23.441	28.187	30.662
761	7.60	30.427	27.590	22.769	16.932	11.151	6.355	3.129	1.608	1.484	2.134
771	7.70	2.826	2.966	2.293	0.958	-0.541	-1.561	-1.577	-0.410	1.680	4.076
781	7.80	6.038	6.996	6.770	5.670	4.355	3.574	3.854	5.272	7.391	9.409
791	7.90	10.435	9.806	7.321	3.296	-1.556	-6.368	-10.418	-13.309	-15.041	-15.906
801	8.00	-16.302	-16.525	-16.641	-16.680	-15.751	-14.208	-11.795	-8.705	-5.324	-2.090
811	8.10	0.662	2.795	4.371	5.551	6.454	7.062	7.201	6.646	5.267	3.170
821	8.20	0.732	-1.482	-2.913	-3.210	-2.366	-0.709	1.232	2.944	4.118	4.731
831	8.30	4.983	5.138	5.342	5.514	5.359	4.505	2.678	-0.155	-3.738	-7.602
841	8.40	-11.213	-14.126	-16.088	-17.051	-17.124	-16.495	-15.370	-13.940	-12.382	-10.845
851	8.50	-9.429	-8.150	-6.923	-5.590	-4.005	-2.135	-0.134	1.667	2.880	3.236
861	8.60	2.758	1.827	1.099	1.294	2.028	3.120	4.543	6.515	8.406	9.579
871	8.70	27.841	30.290	32.202	33.835	35.286	36.455	37.134	37.146	36.457	35.192
881	8.80	33.557	31.700	29.608	27.085	23.827	19.565	14.180	7.754	0.526	-7.212
891	8.90	-15.216	-23.316	-31.400	-39.313	-46.801	-53.507	-59.055	-63.170	-65.780	-67.030
901	9.00	-67.204	-66.569	-63.236	-63.095	-59.868	-55.256	-49.112	-41.565	-33.021	-24.067
911	9.10	-15.296	-7.148	0.159	6.630	12.398	17.610	22.358	26.665	30.523	33.945
921	9.20	36.909	39.783	42.377	44.787	46.917	48.596	49.634	49.895	49.326	47.950
931	9.30	45.813	42.930	39.260	34.729	29.301	23.059	16.249	9.270	2.579	-3.421
941	9.40	-8.499	-12.646	-16.045	-18.966	-21.643	-24.168	-26.461	-28.330	-29.589	-30.183
951	9.50	-30.263	-30.163	-30.286	-30.927	-32.113	-33.524	-34.549	-34.453	-32.627	-28.805
961	9.60	-23.192	-16.422	-9.379	-2.930	2.324	6.202	8.934	11.022	13.022	15.345
971	9.70	18.148	21.342	24.696	27.954	30.924	33.486	35.539	36.929	37.433	36.799
981	9.80	34.861	31.645	27.417	22.627	17.772	13.223	9.121	5.382	1.812	-1.716
991	9.90	-5.132	-8.153	-10.409	-11.653	-11.940	-11.685	-11.539	-12.125	-13.742	-16.187

Table 7-21-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1951 707-GR-1-1 HB. (HB.) ONGAGAVA ES. MAX. ACC. = -67.204 (GAL) T= 9.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-18.773	-20.567	-20.752	-18.958	-15.429	-10.950	-6.572	-3.246	-1.504	-1.351
1011	10.10	-2.314	-3.681	-4.776	-5.163	-4.732	-3.644	-2.205	-0.726	0.569	1.562
1021	10.20	2.228	2.583	2.683	2.506	2.148	1.664	1.057	0.466	-0.034	-0.309
1031	10.30	-0.206	0.420	1.669	3.427	5.514	7.505	8.908	9.288	8.408	6.313
1041	10.40	3.319	-0.101	-3.470	-6.447	-8.883	-10.794	-12.266	-13.370	-14.115	-14.480
1051	10.50	-14.480	-14.206	-13.819	-13.471	-13.208	-12.914	-12.355	-11.294	-9.646	-7.573
1061	10.60	-5.446	-3.701	-2.624	-2.192	-2.055	-1.678	-0.581	1.436	4.207	7.284
1071	10.70	10.161	12.511	14.306	15.779	17.217	18.745	20.182	21.097	21.006	19.640
1081	10.80	17.112	13.914	10.715	8.078	6.224	4.970	3.868	2.453	0.493	-1.910
1091	10.90	-4.395	-6.539	-8.078	-9.003	-9.521	-9.887	-10.236	-10.511	-10.516	-10.079
1101	11.00	-9.200	-8.087	-7.056	-6.339	-5.902	-5.409	-4.351	-2.297	0.858	4.791
1111	11.10	8.847	12.303	14.663	15.851	16.183	16.163	16.190	16.346	16.363	15.793
1121	11.20	14.274	11.760	8.586	5.356	2.586	0.653	-0.524	-1.306	-2.149	-3.366
1131	11.30	-4.982	-6.754	-8.324	-9.412	-9.946	-10.066	-10.006	-9.966	-9.994	-10.009
1141	11.40	-9.900	-9.638	-9.334	-9.186	-9.344	-9.780	-10.237	-10.310	-9.627	-8.043
1151	11.50	-5.733	-3.143	-0.805	0.896	1.681	2.378	2.782	3.422	4.380	5.439
1161	11.60	6.192	6.259	5.485	4.041	2.557	0.935	0.142	0.065	0.519	1.163
1171	11.70	1.680	1.913	1.899	1.800	1.784	1.923	2.171	2.413	2.558	2.600
1181	11.80	2.616	2.693	2.868	2.980	2.906	2.462	1.616	0.530	-0.480	-1.071
1191	11.90	-1.035	-0.403	0.552	1.431	1.881	1.745	1.119	0.280	-0.456	-0.804
1201	12.00	-0.993	-0.935	-0.910	-1.039	-1.285	-1.472	-1.387	-0.906	-0.081	0.867
1211	12.10	1.630	1.940	1.663	0.825	-0.436	-1.965	-3.577	-5.250	-6.894	-8.388
1221	12.20	-9.538	-10.106	-9.910	-8.916	-7.298	-5.403	-3.640	-2.335	-1.618	-1.405
1231	12.30	-1.469	-1.566	-1.553	-1.439	-1.337	-1.368	-1.451	-1.765	-1.788	-1.405
1241	12.40	-0.517	0.794	2.296	3.706	4.815	5.570	6.083	6.547	7.132	7.884
1251	12.50	8.705	9.407	9.811	9.844	9.582	9.221	8.984	9.018	9.322	9.734
1261	12.60	9.987	9.803	8.993	7.529	5.555	3.360	1.304	-0.279	-1.163	-1.297
1271	12.70	-0.821	-0.027	0.722	1.105	0.940	0.235	-0.828	-1.990	-3.025	-3.847
1281	12.80	-4.536	-5.287	-6.287	-7.594	-9.065	-10.378	-11.157	-11.120	-10.212	-8.632
1291	12.90	-6.768	-5.037	-3.737	-2.948	-2.551	-2.320	-2.066	-1.729	-1.404	-1.269
1301	13.00	-1.475	-2.047	-2.858	-3.670	-4.243	-4.427	-4.219	-3.742	-3.175	-2.672
1311	13.10	-2.311	-2.094	-1.991	-1.993	-2.136	-2.485	-3.087	-3.913	-4.839	-5.664
1321	13.20	-6.175	-6.211	-5.719	-4.753	-3.450	-1.970	-0.453	1.011	2.383	3.662
1331	13.30	4.869	6.034	7.184	8.329	9.439	10.428	11.153	11.445	11.170	10.302
1341	13.40	8.961	7.409	5.976	4.947	4.452	4.414	4.581	4.634	4.351	3.610
1351	13.50	2.615	1.626	0.923	0.643	0.715	0.885	0.832	0.324	-0.668	-1.940
1361	13.60	-3.132	-3.879	-3.960	-3.401	-2.468	-1.572	-1.112	-1.328	-2.224	-3.564
1371	13.70	-4.974	-6.069	-6.595	-6.503	-5.961	-5.279	-4.792	-4.735	-5.149	-5.866
1381	13.80	-6.568	-6.902	-6.619	-5.675	-4.257	-2.713	-1.425	-0.648	-0.409	-0.491
1391	13.90	-0.519	-0.121	0.914	2.540	4.468	6.287	7.629	8.323	8.457	8.325
1401	14.00	8.291	8.624	9.382	10.392	11.328	11.849	11.733	10.949	9.642	8.053
1411	14.10	6.408	4.842	3.368	1.923	0.425	-1.159	-2.792	-4.382	-5.832	-7.080
1421	14.20	-8.124	-9.014	-9.816	-10.573	-11.286	-11.907	-12.357	-12.552	-12.422	-11.925
1431	14.30	-11.045	-9.799	-8.235	-6.439	-4.527	-2.629	-0.862	0.700	2.050	3.243
1441	14.40	4.366	5.496	6.658	7.801	8.811	9.552	9.922	9.898	9.544	8.993
1451	14.50	8.394	7.854	7.402	6.980	6.479	5.785	4.836	3.654	2.338	1.041
1461	14.60	-0.085	-0.929	-1.450	-1.678	-1.698	-1.622	-1.563	-1.617	-1.859	-2.337
1471	14.70	-3.066	-4.027	-5.162	-6.380	-7.575	-8.652	-9.554	-10.269	-10.824	-11.245
1481	14.80	-11.523	-11.590	-11.323	-10.587	-9.290	-7.443	-5.170	-2.683	-0.213	2.065
1491	14.90	4.083	5.882	7.558	9.190	10.769	12.185	13.261	13.830	13.814	13.263

Table 7-21-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1951 707-GR-1-1 HB. (HB.) ONGAGAVA ES. MAX. ACC. = -67.204 (GAL) T= 9.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	12.339	11.246	10.143	9.086	8.018	6.815	5.365	3.631	1.677	-0.355
1511	15.10	-2.304	-4.051	-5.551	-6.825	-7.921	-8.876	-9.681	-10.306	-10.707	-10.863
1521	15.20	-10.784	-10.502	-10.046	-9.423	-8.624	-7.641	-6.494	-5.243	-3.967	-2.728
1531	15.30	-1.535	-0.323	1.001	2.519	4.233	6.041	7.759	9.189	10.205	10.808
1541	15.40	11.118	11.363	11.563	11.908	12.290	12.573	12.629	12.412	11.987	11.491
1551	15.50	11.051	10.705	10.366	9.863	8.944	7.550	5.686	3.509	1.240	-0.925
1561	15.60	-2.893	-4.684	-6.388	-8.084	-9.772	-11.350	-12.654	-13.525	-13.890	-13.788
1571	15.70	-13.352	-12.750	-12.108	-11.473	-10.813	-10.067	-9.197	-8.233	-7.270	-6.420
1581	15.80	-5.758	-5.266	-4.832	-4.284	-3.458	-2.269	-0.746	0.973	2.686	4.197
1591	15.90	5.379	6.200	6.721	7.055	7.321	7.597	7.902	8.199	8.414	8.470
1601	16.00	8.308	7.912	7.308	6.563	5.773	5.043	4.469	4.112	3.976	3.992
1611	16.10	4.029	3.908	3.453	2.532	1.107	-0.751	-2.868	-5.017	-6.964	-8.534
1621	16.20	-9.640	-10.294	-10.577	-10.607	-10.492	-10.301	-10.059	-9.747	-9.322	-8.732
1631	16.30	-7.934	-6.909	-5.667	-4.261	-2.775	-1.321	-0.002	1.114	2.022	2.781
1641	16.40	3.488	4.234	5.052	5.888	6.606	7.040	7.060	6.631	5.837	4.856
1651	16.50	3.889	3.093	2.526	2.140	1.836	1.516	1.148	0.765	0.457	0.303
1661	16.60	0.324	0.442	0.600	0.615	0.424	0.028	-0.529	-1.158	-1.791	-2.400
1671	16.70	-2.981	-3.534	-4.028	-4.394	-4.556	-4.469	-4.165	-3.753	-3.400	-3.251
1681	16.80	-3.569	-3.700	-4.090	-4.342	-4.299	-3.902	-3.204	-2.342	-1.468	-0.698
1691	16.90	-0.074	0.416	0.806	1.107	1.293	1.320	1.169	0.882	0.583	0.439
1701	17.00	0.606	1.164	2.058	3.115	4.088	4.732	4.884	4.507	3.694	2.628
1711	17.10	1.518	0.543	-0.198	-0.689	-0.987	-1.186	-1.383	-1.649	-2.008	-2.464
1721	17.20	-2.904	-3.322	-3.637	-3.813	-3.851	-3.778	-3.642	-3.486	-3.333	-3.179
1731	17.30	-2.992	-2.749	-2.406	-1.959	-1.381	-0.701	0.093	1.008	2.048	3.191
1741	17.40	4.369	5.468	6.348	6.876	6.992	6.724	6.203	5.622	5.170	4.972
1751	17.50	5.036	5.248	5.428	5.380	4.974	4.186	3.100	1.868	0.655	-0.417
1761	17.60	-1.292	-1.976	-2.507	-2.916	-3.207	-3.358	-3.338	-3.137	-2.779	-2.318
1771	17.70	-1.822	-1.344	-0.907	-0.507	-0.124	0.251	0.613	0.939	1.213	1.443
1781	17.80	1.674	1.970	2.388	2.942	3.589	4.237	4.785	5.166	5.385	5.512
1791	17.90	5.647	5.859	6.133	6.352	6.329	5.881	4.912	3.467	1.746	0.036

Table 7-22-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1958 S715-GR-1-1 HA. (HA.) NAKATSU ES. MAX. ACC. = -95.020 (GAL) T= 4.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-3.172	-2.504	-0.094	2.837	4.765	4.661	2.337	-0.556	-3.072	-3.784
11	0.10	-2.419	0.212	2.652	3.586	2.536	0.100	-2.383	-3.557	-2.777	-0.448
21	0.20	2.196	3.737	3.309	1.018	-2.138	-4.794	-5.899	-5.186	-3.215	-1.008
31	0.30	0.459	0.885	0.353	-0.503	-1.092	-1.140	-0.765	-0.305	-0.045	-0.033
41	0.40	-0.084	0.040	0.422	0.910	1.228	1.201	0.939	0.836	1.338	2.625
51	0.50	4.384	5.858	6.172	4.803	1.929	-1.553	-4.377	-5.475	-4.478	-1.894
61	0.60	1.134	3.374	4.070	3.243	1.603	0.118	-0.496	-0.115	0.797	1.504
71	0.70	1.424	0.438	-1.079	-2.495	-2.263	-3.185	-2.451	-1.475	-0.634	-0.093
81	0.80	0.213	0.443	0.683	0.858	0.798	0.381	-0.328	-1.082	-1.574	-1.637
91	0.90	-1.358	-1.032	-0.960	-1.226	-1.591	-1.602	-0.881	0.591	2.358	3.665
101	1.00	3.845	2.724	0.788	-1.006	-1.714	-0.932	0.927	2.804	3.534	2.498
111	1.10	0.033	-2.674	-4.159	-3.465	-0.719	2.844	5.435	5.602	3.003	-1.355
121	1.20	-5.558	-7.700	-6.826	-3.421	0.812	3.788	4.064	1.551	-2.441	-5.848
131	1.30	-6.650	-4.276	-0.416	1.455	2.795	0.320	-6.014	-2.067	-1.755	-5.945
141	1.40	-3.904	-2.115	0.195	1.709	1.648	0.087	-2.145	-3.916	-4.326	-5.106
151	1.50	-0.694	1.991	3.964	4.577	3.750	1.963	0.023	-1.269	-1.430	-0.469
161	1.60	1.129	2.600	3.211	2.548	0.708	-1.726	-3.887	-4.968	-4.556	-2.782
171	1.70	-0.346	1.824	2.924	2.604	1.109	-0.851	-2.415	-2.945	-2.278	-0.754
181	1.80	0.976	2.255	2.688	2.260	1.263	0.113	-0.845	-1.430	-1.614	-1.428
191	1.90	-0.893	-0.021	1.103	2.240	2.991	2.919	1.767	-0.344	-2.657	-4.925
201	2.00	-5.740	-4.894	-2.601	0.338	2.841	3.994	3.444	1.568	-0.790	-2.522
211	2.10	-2.914	-1.855	0.130	2.146	3.346	3.301	2.153	0.497	-0.938	-1.639
221	2.20	-1.522	-0.920	-0.364	-0.280	-0.767	-1.565	-2.215	-2.335	-1.641	-1.013
231	2.30	-0.346	-0.275	-0.898	-1.868	-2.515	-2.161	-0.485	2.245	5.195	7.279
241	2.40	7.616	5.948	2.807	-0.456	-3.141	-3.735	-2.361	0.273	2.791	3.931
251	2.50	3.029	0.365	-2.924	-5.323	-5.611	-3.432	0.500	4.651	7.293	7.240
261	2.60	4.373	-0.274	-4.914	-7.733	-7.641	-4.724	-0.206	4.064	6.388	5.916
271	2.70	2.983	-1.061	-4.456	-5.788	-4.583	-1.473	2.121	4.640	5.073	3.375
281	2.80	0.437	-2.362	-3.798	-3.342	-1.358	1.126	2.933	3.209	2.152	0.167
291	2.90	-1.692	-2.614	-2.318	-1.135	0.239	1.085	1.112	0.489	-0.252	-0.556
301	3.00	-0.169	0.716	1.555	1.754	0.991	-0.586	-2.391	-3.654	-3.758	-2.511
311	3.10	-0.241	2.329	4.356	5.182	4.557	2.700	0.199	-2.203	-3.651	-4.378
321	3.20	-3.795	-2.455	-0.903	0.330	0.918	0.845	0.378	-0.077	-0.171	0.224
331	3.30	0.979	1.795	2.379	2.599	2.528	2.354	2.213	2.058	1.670	0.822
341	3.40	-0.500	-1.959	-2.952	-2.910	-1.679	0.248	1.834	1.946	-0.022	-3.687
351	3.50	-7.650	-10.058	-9.366	-5.230	1.214	7.709	11.805	11.939	8.138	2.014
361	3.60	-3.968	-7.591	-7.810	-5.086	-0.999	2.611	4.512	4.512	3.298	1.845
371	3.70	0.791	0.143	-0.546	-1.677	-3.158	-4.313	-4.242	-2.426	0.804	4.264
381	3.80	6.433	6.228	3.624	-0.258	-3.673	-5.115	-4.073	-1.257	1.814	3.620
391	3.90	3.422	1.559	-0.843	-2.573	-3.010	-2.384	-1.493	-1.095	-1.363	-1.782
401	4.00	-1.550	-0.237	1.742	3.199	2.823	0.062	-4.304	-8.318	-9.775	-7.506
411	4.10	-2.331	2.931	4.540	-0.387	-12.220	-28.130	-42.806	-50.369	-46.707	-31.204
421	4.20	-7.096	19.715	42.868	57.819	63.205	60.786	54.095	46.497	39.605	32.766
431	4.30	23.818	10.669	-7.098	-27.435	-46.279	-59.074	-62.707	-58.927	-44.589	-30.537
441	4.40	-19.587	-14.489	-14.769	-16.986	-16.284	-8.569	7.654	30.562	55.671	77.496
451	4.50	91.420	94.953	87.953	71.932	49.032	21.339	-9.111	-39.796	-67.200	-86.927
461	4.60	-95.020	-89.106	-70.299	-43.233	-14.901	7.723	20.192	22.060	16.586	8.830
471	4.70	3.115	1.173	1.922	2.928	2.605	1.795	3.647	11.687	27.083	46.695
481	4.80	63.275	68.108	55.054	24.078	-17.619	-57.693	-83.269	-86.112	-66.020	-30.916
491	4.90	6.424	33.479	42.691	33.784	12.947	-10.441	-27.831	-34.475	-30.294	-18.728

Table 7-22-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1958 S715-GR-1-1 HA. (HA.) NAKATSU ES. MAX. ACC. = -95.020 (GAL) T= 4.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-4.537	6.185	17.012	21.107	20.623	16.255	9.230	1.545	-4.077	-4.904
511	5.10	-0.546	11.332	23.821	32.758	33.565	24.367	7.447	-11.551	-25.984	-31.267
521	5.20	-27.076	-17.593	-9.511	-8.740	-17.374	-32.415	-46.909	-53.005	-45.517	-24.366
531	5.30	5.206	34.684	55.641	62.927	56.387	40.510	22.345	8.666	3.554	7.239
541	5.40	16.461	26.606	30.713	27.227	14.961	-3.922	-25.369	-44.771	-58.322	-63.966
551	5.50	-61.677	-53.036	-40.352	-25.728	-10.490	4.780	19.707	33.461	44.429	50.549
561	5.60	50.226	43.362	31.885	19.321	9.462	4.579	4.429	6.089	5.431	-0.759
571	5.70	-12.910	-28.088	-41.104	-46.868	-42.873	-30.539	-14.687	-1.331	5.154	6.004
581	5.80	-1.426	-6.021	-5.148	2.572	14.499	25.238	29.804	24.386	12.012	-2.292
591	5.90	-11.915	-12.243	-2.931	11.820	25.117	30.491	24.807	9.644	-9.442	-25.357
601	6.00	-32.475	-28.840	-16.697	-1.228	11.774	18.227	17.070	10.163	1.011	-6.947
611	6.10	-11.666	-12.907	-11.729	-9.484	-6.932	-3.954	0.038	5.291	11.025	15.344
621	6.20	15.898	11.044	0.956	-11.915	-23.384	-28.979	-25.743	-13.865	4.084	21.923
631	6.30	34.019	34.448	28.652	13.748	-2.749	-15.085	-19.474	-15.457	-5.817	4.478
641	6.40	11.520	12.087	6.592	-2.337	-11.019	-16.334	-17.002	-14.604	-8.128	-2.721
651	6.50	1.286	3.768	5.487	7.318	9.525	11.486	12.014	10.083	5.537	-0.612
661	6.60	-6.500	-10.194	-10.563	-7.837	-3.544	0.121	1.237	-1.020	-6.011	-11.871
671	6.70	-16.216	-17.022	-13.322	-5.504	4.860	15.526	24.206	29.121	29.352	24.951
681	6.80	16.871	6.751	-3.397	-11.594	-16.340	-17.028	-14.192	-9.433	-4.980	-2.929
691	6.90	-4.417	-9.032	-14.760	-18.595	-17.646	-10.377	2.540	18.156	32.079	39.960
701	7.00	39.094	29.492	13.973	-2.796	-15.965	-22.225	-20.918	-14.117	-5.674	0.351
711	7.10	1.245	-3.410	-11.716	-20.293	-25.600	-25.201	-18.563	-7.145	6.149	17.922
721	7.20	25.310	26.779	22.508	14.286	4.935	-2.560	-6.012	-4.705	0.051	5.908
731	7.30	9.826	9.572	4.631	-3.478	-11.744	-16.902	-16.852	-11.623	-3.429	4.275
741	7.40	8.317	7.226	1.878	-4.948	-9.895	-10.585	-6.671	0.116	6.908	11.134
751	7.50	11.694	9.316	5.949	3.585	3.163	4.145	5.069	4.387	1.646	-2.256
761	7.60	-5.541	-6.600	-5.001	-1.829	0.869	1.255	-1.152	-5.033	-7.863	-7.134
771	7.70	-1.998	6.389	14.871	20.014	19.606	13.776	4.920	-3.484	-8.588	-9.502
781	7.80	-7.569	-5.458	-5.580	-8.700	-13.178	-17.197	-17.174	-12.932	-4.441	-1.443
791	7.90	8.922	9.751	6.321	0.992	-3.169	-3.973	-1.173	3.515	7.425	8.393
801	8.00	5.884	1.205	-3.272	-5.410	-4.423	-1.205	2.241	3.949	3.042	0.126
811	8.10	-3.142	-5.044	-4.764	-2.782	-0.511	0.600	-0.031	-1.739	-2.961	-2.127
821	8.20	1.401	6.864	12.367	15.737	15.532	11.697	5.556	-0.814	-5.492	-7.450
831	8.30	-6.811	-4.578	-2.050	-0.264	0.298	-0.325	-1.805	-3.753	-5.813	-7.628
841	8.40	-8.789	-8.884	-7.884	-5.550	-2.979	0.268	1.505	1.829	1.386	1.266
851	8.50	2.474	5.387	9.410	13.109	14.793	13.299	8.589	1.855	-4.934	-9.831
861	8.60	-11.686	-10.546	-7.516	-4.188	-1.941	-1.430	-2.465	-4.248	-5.799	-6.328
871	8.70	-5.408	-2.970	0.790	5.449	10.325	14.443	16.640	15.873	11.683	4.584
881	8.80	-3.831	-11.257	-15.417	-14.930	-9.916	-2.049	6.026	11.680	13.299	10.868
891	8.90	5.880	0.634	-2.782	-3.371	-1.593	0.915	2.140	0.657	-3.670	-9.547
901	9.00	-14.724	-16.903	-14.706	-8.308	0.532	9.056	14.518	15.212	11.125	3.955
911	9.10	-3.528	-8.533	-9.296	-5.716	0.678	7.394	11.991	13.001	10.396	5.416
921	9.20	-0.104	-4.570	-7.230	-8.290	-8.548	-8.774	-9.209	-9.441	-8.720	-6.508
931	9.30	-2.945	1.056	4.165	5.281	4.122	1.442	-1.265	-2.449	-1.260	2.016
941	9.40	6.038	9.005	9.474	7.031	2.504	-2.367	-5.646	-5.999	-3.215	1.730
951	9.50	7.065	10.896	11.876	9.639	4.866	-0.993	-6.227	-9.612	-9.834	-7.683
961	9.60	-3.967	-0.073	2.528	2.961	1.168	-2.053	-5.322	-7.187	-6.676	-3.676
971	9.70	0.999	5.895	9.447	10.536	8.871	5.073	0.395	-3.703	-6.084	-6.124
981	9.80	-4.134	-0.940	2.251	4.257	4.222	2.127	-1.614	-5.772	-8.887	-9.699
991	9.90	-7.840	-3.141	2.415	7.124	9.268	8.026	3.875	-1.530	-5.991	-7.881

Table 7-22-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1958 S715-GR-1-1 HA. (HA.) NAKATSU ES. MAX. ACC. = -95.020 (GAL) T= 4.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-5.921	-1.485	3.742	7.601	8.613	6.610	2.746	-1.103	-3.256	-3.012
1011	10.10	-0.929	1.523	2.738	1.788	-1.135	-4.840	-7.744	-8.632	-7.202	-4.128
1021	10.20	-0.656	2.026	3.321	3.402	2.978	2.828	3.363	4.449	5.566	6.159
1031	10.30	5.985	5.228	4.347	3.738	3.438	3.046	1.926	-0.403	-3.908	-7.906
1041	10.40	-11.262	-12.836	-11.990	-8.916	-4.619	-0.548	1.973	2.283	0.659	-1.788
1051	10.50	-3.565	-3.412	-0.819	3.579	8.467	12.060	12.939	10.600	5.893	-0.194
1061	10.60	-5.133	-7.612	-7.134	-4.403	-0.976	1.419	1.669	-0.240	-3.229	-5.675
1071	10.70	-6.208	-4.385	-0.918	2.672	4.814	4.669	2.545	-0.277	-2.226	-2.285
1081	10.80	-0.546	1.830	3.242	2.549	-0.227	-3.804	-6.225	-5.866	-2.351	3.109
1091	10.90	8.176	10.445	8.607	3.148	-3.797	-9.367	-11.261	-8.775	-3.105	3.233
1101	11.00	7.553	8.190	5.173	0.105	-4.660	-7.092	-6.328	-2.908	1.633	5.542
1111	11.10	7.604	7.533	5.880	3.604	1.577	0.276	-0.230	-0.091	0.539	1.583
1121	11.20	2.915	4.355	5.304	5.173	3.537	0.444	-3.362	-6.838	-8.881	-8.918
1131	11.30	-7.172	-4.574	-2.325	-1.322	-1.723	-2.898	-3.779	-3.444	-1.627	1.107
1141	11.40	3.625	4.796	4.078	1.820	-0.880	-2.698	-2.727	-0.923	1.860	4.281
1151	11.50	5.139	3.940	1.119	-2.179	-4.625	-5.297	-4.050	-1.514	1.245	3.225
1161	11.60	3.866	3.288	1.939	0.478	-0.637	-1.260	-1.489	-1.479	-1.273	-0.779
1171	11.70	0.109	1.334	2.571	3.318	3.144	1.978	0.256	-1.200	-1.546	-0.369
1181	11.80	2.012	4.587	6.085	5.476	2.680	-1.485	-5.530	-7.981	-8.072	-6.112
1191	11.90	-3.340	-1.295	-1.029	-2.537	-4.725	-5.945	-4.849	-1.144	4.143	9.055
1201	12.00	11.568	10.537	6.255	0.359	-4.882	-7.557	-6.923	-3.655	0.545	3.773
1211	12.10	4.769	3.401	0.589	-2.234	-3.823	-3.641	-1.974	0.340	2.386	3.570
1221	12.20	3.769	3.219	2.257	1.125	-0.072	-1.258	-2.257	-2.772	-2.530	-1.514
1231	12.30	-0.108	0.973	1.000	-0.369	-2.702	-5.027	-6.043	-4.831	-1.360	3.371
1241	12.40	7.677	9.898	9.165	5.724	1.017	-3.140	-5.283	-4.957	-2.866	-0.466
1251	12.50	0.791	0.174	-1.992	-4.533	-6.050	-5.640	-3.349	-0.135	2.633	3.864
1261	12.60	3.286	1.548	-0.134	-0.629	0.511	2.802	5.056	5.966	4.765	1.634
1271	12.70	-2.341	-5.645	-7.015	-5.997	-3.131	0.314	2.929	3.792	2.638	0.618
1281	12.80	-1.105	-1.938	-1.305	0.415	2.329	3.506	3.437	2.265	0.674	-0.493
1291	12.90	-0.686	0.070	1.187	1.825	1.335	-0.392	-2.849	-5.131	-6.360	-6.080
1301	13.00	-4.455	-2.157	-0.027	1.325	1.774	1.673	1.603	2.014	2.951	4.011
1311	13.10	4.550	4.031	2.363	-0.089	-2.437	-3.813	-3.656	-1.966	0.661	3.283
1321	13.20	4.964	5.123	3.719	1.224	-1.583	-3.908	-5.200	-5.282	-4.342	-2.796
1331	13.30	-1.114	0.335	1.369	1.988	2.307	2.465	2.545	2.549	2.614	2.067
1341	13.40	1.484	0.718	-0.109	-0.858	-1.423	-1.776	-1.958	-2.035	-2.051	-1.989
1351	13.50	-1.794	-1.417	-0.885	-0.313	0.133	0.323	0.259	0.107	0.137	0.584
1361	13.60	1.501	2.697	3.690	4.076	3.551	2.169	0.332	-1.368	-2.397	-2.504
1371	13.70	-1.813	-0.734	0.249	0.800	0.848	0.549	0.127	-0.291	-0.735	-1.320
1381	13.80	-2.068	-2.767	-2.975	-2.216	-0.269	2.582	5.521	7.456	7.466	5.251
1391	13.90	1.355	-2.979	-6.286	-7.486	-6.342	-3.560	-0.462	1.611	1.904	0.568
1401	14.00	-1.438	-2.829	-2.613	-0.572	2.622	5.705	7.381	6.900	4.380	0.743
1411	14.10	-2.682	-4.726	-4.836	-3.254	-0.846	1.314	2.403	2.154	0.884	-0.742
1421	14.20	-2.081	-2.812	-3.039	-3.151	-3.516	-4.199	-4.853	-4.871	-3.733	-1.380
1431	14.30	1.605	4.128	5.026	3.627	0.163	-4.190	-7.721	-8.696	-7.053	-2.764
1441	14.40	2.555	6.318	7.650	6.064	2.604	-0.836	-2.400	-1.161	2.424	6.716
1451	14.50	9.660	9.764	6.815	1.982	-2.734	-5.461	-5.228	-2.558	1.008	3.582
1461	14.60	3.859	1.702	-1.847	-5.110	-6.581	-5.599	-2.584	1.249	4.493	6.180
1471	14.70	6.110	4.786	3.033	1.542	0.584	-0.001	-0.562	-1.343	-2.297	-3.124
1481	14.80	-3.475	-3.194	-2.438	-1.615	-1.163	-1.318	-1.986	-2.800	-3.307	-3.187
1491	14.90	-2.389	-1.121	0.274	1.477	2.288	2.636	2.522	1.979	1.061	-0.093

Table 7-22-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1958 S715-GR-1-1 HA. (HA.) NAKATSU ES. MAX. ACC. = -95.020 (GAL) T= 4.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-1.207	-1.890	-1.767	-0.674	1.181	3.205	4.599	4.679	3.203	0.535
1511	15.10	-2.450	-4.703	-5.438	-4.465	-2.275	0.186	1.935	2.376	1.534	-0.001
1521	15.20	-1.384	-1.921	-1.378	-0.060	1.371	2.230	2.126	1.128	-0.303	-1.556
1531	15.30	-2.160	-1.984	-1.265	-0.455	0.016	-0.066	-0.517	-1.028	-1.149	-0.605
1541	15.40	0.586	2.095	3.426	4.095	3.837	2.711	1.092	-0.473	-1.461	-1.572
1551	15.50	-0.839	0.384	1.557	2.164	1.916	0.870	-0.598	-1.928	-2.636	-2.498
1561	15.60	-1.658	-0.662	0.245	0.389	-0.157	-1.021	-1.597	-1.330	-0.902	-2.116
1571	15.70	4.336	5.828	5.981	4.690	2.424	0.032	-1.622	-2.048	-1.334	-0.086
1581	15.80	0.884	0.968	0.063	-1.382	-2.606	-2.947	-2.206	-0.783	0.510	0.855
1591	15.90	-0.128	-2.139	-4.306	-5.582	-5.264	-3.361	-0.628	1.780	2.860	2.253
1601	16.00	0.429	-1.532	-2.484	-1.795	0.309	2.818	4.410	4.090	1.700	-1.963
1611	16.10	-5.171	-7.393	-6.919	-4.209	-0.298	3.376	5.599	5.865	4.512	2.465
1621	16.20	0.758	0.042	0.245	1.157	1.777	1.913	0.597	-0.545	-1.491	-1.614
1631	16.30	-0.807	0.560	1.822	2.346	1.833	0.670	-1.164	-2.366	-2.628	-1.860
1641	16.40	-0.418	1.074	2.006	2.051	1.279	0.105	-0.926	-1.383	-1.127	-0.341
1651	16.50	0.597	1.304	1.578	1.463	1.189	1.026	1.118	1.413	1.693	1.708
1661	16.60	1.324	0.611	-0.190	-0.790	-1.007	-0.864	-0.569	-0.391	-0.495	-0.829
1671	16.70	-1.146	-1.135	-0.617	0.322	1.328	1.938	1.813	0.932	-0.366	-1.519
1681	16.80	-2.016	-1.653	-0.653	0.422	0.934	0.679	-0.914	-2.785	-4.445	-5.286
1691	16.90	-5.033	-3.832	-2.159	-0.487	0.755	1.493	1.868	2.095	2.296	2.429
1701	17.00	2.334	1.884	1.109	0.240	-0.382	-0.486	-0.019	0.796	1.554	1.859
1711	17.10	1.513	0.609	-0.527	-1.492	-2.004	-2.010	-1.672	-1.246	-0.921	-0.722
1721	17.20	-0.515	-0.117	0.562	1.433	2.232	2.635	2.411	1.537	0.224	-1.155
1731	17.30	-2.207	-2.658	-2.432	-1.653	-0.584	0.466	1.227	1.536	1.351	0.759
1741	17.40	-0.062	-0.787	-1.205	-1.103	-0.438	0.645	1.835	2.744	3.037	2.546
1751	17.50	1.341	-0.295	-1.954	-3.234	-3.853	-3.718	-2.919	-1.676	-0.264	1.057
1761	17.60	2.095	2.755	3.001	2.911	2.593	2.145	1.265	0.597	0.597	-0.314
1771	17.70	-0.753	-1.681	-2.072	-2.356	-2.226	-1.708	-0.979	-0.307	0.062	0.026
1781	17.80	-0.328	-0.766	-1.030	-0.981	-0.682	-0.362	-0.287	-0.596	-1.195	-1.780
1791	17.90	-1.987	-1.588	-0.637	0.531	1.446	1.747	1.372	0.609	-0.040	-0.110
1801	18.00	0.576	1.797	3.022	3.664	3.361	2.162	0.501	-1.005	-1.866	-1.866
1811	18.10	-1.219	-0.438	0.016	-0.123	-0.793	-1.673	-2.363	-2.527	-2.250	-1.525
1821	18.20	-0.625	0.243	1.099	1.890	2.666	3.252	3.766	3.489	3.001	1.785
1831	18.30	0.339	-0.924	-1.654	-1.712	-1.333	-0.553	-0.047	0.046	-0.278	-0.812
1841	18.40	-1.265	-1.414	-1.217	-0.812	-0.428	-0.250	-0.319	-0.512	-0.612	-0.424
1851	18.50	0.115	0.906	1.714	2.269	2.362	1.916	1.009	-0.159	-1.313	-2.173
1861	18.60	-2.516	-2.236	-1.392	-0.220	0.897	1.539	1.387	0.371	-1.256	-2.967
1871	18.70	-4.129	-4.248	-3.184	-1.238	0.943	2.614	3.236	2.700	1.365	-0.110
1881	18.80	-1.066	-1.139	-0.611	0.637	1.396	1.611	0.617	-0.635	-1.753	-2.194
1891	18.90	-1.752	-0.563	0.795	1.757	1.966	1.480	0.632	0.045	0.131	0.973
1901	19.00	2.258	3.110	3.880	3.382	2.042	0.329	-1.149	-1.920	-1.836	-1.110
1911	19.10	-0.195	0.440	0.512	0.027	-0.756	-1.472	-1.822	-1.691	-1.172	-0.484
1921	19.20	0.138	0.539	0.698	0.685	0.605	0.538	0.515	0.531	0.569	0.621
1931	19.30	0.681	0.723	0.684	0.482	0.051	-0.594	-1.337	-1.977	-2.301	-2.188
1941	19.40	-1.667	-0.950	-0.291	0.033	-0.059	-0.655	-0.878	-1.022	-0.669	-0.101
1951	19.50	1.111	1.985	2.392	2.191	1.473	0.524	-0.293	-0.701	-0.606	-0.127
1961	19.60	0.402	0.965	1.079	0.854	0.373	-0.192	-0.689	-1.032	-1.209	-1.247
1971	19.70	-1.161	-0.930	-0.509	0.123	0.912	1.704	2.284	2.427	2.013	1.087
1981	19.80	-0.126	-1.283	-2.037	-2.164	-1.653	-0.713	0.292	0.984	1.105	0.616
1991	19.90	-0.290	-1.268	-1.953	-2.090	-1.424	-0.702	0.397	1.373	2.007	2.208

Table 7-22-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1958 S715-GR-1-1 HA. (HA.) NAKATSU ES. MAX. ACC. = -95.020 (GAL) T= 4.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	2.012	1.525	0.870	0.149	-0.556	-1.148	-1.526	-1.582	-1.263	-0.623
2011	20.10	0.152	0.783	1.005	0.685	-0.089	-1.020	-1.707	-1.813	-1.227	-0.131
2021	20.20	1.066	1.894	2.026	1.424	0.357	-0.716	-1.347	-1.288	-0.585	0.458
2031	20.30	1.421	1.947	1.678	1.287	0.416	-0.442	-1.065	-1.360	-1.368	-1.210
2041	20.40	-1.024	-0.922	-0.960	-1.137	-1.395	-1.625	-1.687	-1.467	-0.838	0.088
2051	20.50	1.138	2.031	2.493	2.388	1.791	0.983	0.331	0.119	0.402	0.965
2061	20.60	1.416	1.384	0.716	-0.419	-1.595	-2.324	-2.301	-1.570	-0.516	0.303
2071	20.70	0.448	-0.192	-1.323	-2.372	-2.762	-2.185	-0.760	1.015	2.468	3.138
2081	20.80	2.795	1.691	0.327	-0.769	-1.272	-1.172	-0.724	-0.291	-0.142	-0.330
2091	20.90	-0.693	-0.955	-0.883	-0.411	0.329	1.067	1.516	1.499	1.017	0.249
2101	21.00	-0.518	-0.991	-0.972	-0.425	0.513	1.563	2.395	2.720	2.394	1.473
2111	21.10	0.210	-1.018	-1.836	-2.003	-1.504	-0.557	0.469	1.190	1.349	0.901
2121	21.20	0.008	-1.038	-1.940	-2.491	-2.620	-2.373	-1.853	-1.166	-0.403	0.347
2131	21.30	0.973	1.340	1.321	0.866	0.062	-0.855	-1.563	-1.763	-1.309	-0.280
2141	21.40	1.032	2.227	2.949	3.023	2.501	1.648	0.783	0.180	-0.054	0.005
2151	21.50	0.161	0.205	0.018	-0.374	-0.820	-1.112	-1.088	-0.706	-0.073	0.597
2161	21.60	1.063	1.157	0.862	0.330	-0.169	-0.552	-0.039	0.748	1.775	2.660
2171	21.70	3.022	2.632	1.522	-0.011	-1.513	-2.552	-2.897	-2.610	-2.004	-1.491
2181	21.80	-1.374	-1.689	-2.180	-2.412	-1.993	-0.779	1.011	2.856	4.135	4.387
2191	21.90	3.515	1.838	-0.035	-1.447	-1.953	-1.486	-0.353	0.909	1.760	1.864
2201	22.00	1.188	-0.025	-1.389	-2.528	-3.193	-3.309	-2.934	-2.197	-1.239	-0.188
2211	22.10	0.633	1.692	2.258	2.432	2.198	1.644	0.953	0.328	-0.092	-0.294
2221	22.20	-0.460	-0.596	-1.026	-1.696	-2.437	-2.968	-3.014	-2.450	-1.382	-0.124
2231	22.30	0.921	1.426	1.292	0.689	-0.013	-0.411	-0.244	0.486	1.516	2.443
2241	22.40	2.896	2.700	1.939	0.905	-0.040	-0.624	-0.770	-0.604	-0.369	-0.286
2251	22.50	-0.446	-0.770	-1.061	-1.111	-0.815	-0.227	0.459	1.002	1.225	1.095
2261	22.60	0.734	0.367	0.213	0.389	0.852	1.415	1.815	1.818	1.309	0.339
2271	22.70	-0.886	-2.070	-2.925	-3.263	-3.056	-2.461	-1.664	-0.988	-0.600	-0.536
2281	22.80	-0.677	-0.808	-0.717	-0.297	0.393	1.146	1.697	1.840	1.534	0.927
2291	22.90	0.298	-0.070	-0.024	0.382	0.915	1.272	1.232	0.769	0.073	-0.542
2301	23.00	-0.791	-0.568	-0.003	0.591	0.873	0.643	-0.049	-0.921	-1.586	-1.743
2311	23.10	-1.327	-0.562	0.234	0.635	0.492	-0.078	-0.726	-1.028	-0.720	0.180
2321	23.20	1.351	2.306	2.620	2.130	1.022	-0.240	-1.118	-1.239	-0.570	0.565
2331	23.30	1.628	2.100	1.714	0.567	-0.926	-2.217	-2.870	-2.738	-2.012	-1.111
2341	23.40	-0.470	-0.335	-0.649	-1.089	-1.235	-0.791	0.263	1.635	2.812	3.419
2351	23.50	3.132	2.080	0.653	-0.631	-1.351	-1.350	-0.781	-0.016	0.537	0.611
2361	23.60	0.184	-0.539	-1.248	-1.675	-1.708	-1.409	-0.948	-0.494	-0.131	0.164
2371	23.70	0.466	0.816	1.166	1.378	1.300	0.864	0.152	-0.609	-1.145	-1.257
2381	23.80	-0.933	-0.360	0.161	0.357	0.128	-0.405	-0.950	-1.192	-0.957	-0.302
2391	23.90	0.500	1.089	1.193	0.758	-0.024	-0.808	-1.261	-1.215	-0.734	-0.068
2401	24.00	0.478	0.701	0.582	0.279	0.022	-0.015	0.197	0.538	0.816	0.881
2411	24.10	0.709	0.404	0.137	0.032	0.101	0.232	0.264	0.096	-0.237	-0.562
2421	24.20	-0.645	-0.324	0.393	1.306	2.096	2.466	2.276	1.610	0.734	-0.025
2431	24.30	-0.426	-0.416	-0.141	0.142	0.191	-0.109	-0.699	-1.385	-1.931	-2.156
2441	24.40	-2.000	-1.525	-0.870	-0.193	0.379	0.764	0.926	0.864	0.616	0.258
2451	24.50	-0.093	-0.306	-0.290	-0.038	0.340	0.651	0.695	0.368	-0.271	-0.998
2461	24.60	-1.517	-1.594	-1.181	-0.461	0.222	0.524	0.274	-0.420	-1.193	-1.576
2471	24.70	-1.214	-0.047	1.633	3.280	4.310	4.345	3.365	1.716	-0.043	-1.366
2481	24.80	-1.928	-1.734	-1.067	-0.331	0.129	0.163	-0.166	-0.443	-1.056	-1.261
2491	24.90	-1.256	-1.114	-0.912	-0.670	-0.343	0.131	0.747	1.391	1.848	1.896

Table 7-22-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1958 S715-GR-1-1 HA. (HA.) NAKATSU ES. MAX. ACC. = -95.020 (GAL) T= 4.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.416	0.480	-0.647	-1.594	-2.036	-1.834	-1.093	-0.129	0.680	1.049
2511	25.10	0.916	0.450	-0.034	-0.238	-0.024	0.517	1.108	1.416	1.216	0.495
2521	25.20	-0.531	-1.511	-2.109	-2.143	-1.661	-0.905	-0.209	0.153	0.068	-0.377
2531	25.30	-0.964	-1.355	-1.400	-1.019	-0.312	0.505	1.189	1.551	1.515	1.127
2541	25.40	0.535	-0.070	-0.550	-0.653	-0.588	-0.251	0.316	0.620	0.634	0.290
2551	25.50	-0.354	-1.120	-1.761	-2.049	-1.853	-1.198	-0.262	0.680	1.356	1.597
2561	25.60	1.395	0.902	0.366	0.025	0.018	0.327	0.789	1.170	1.258	0.952
2571	25.70	0.303	-0.501	-1.210	-1.600	-1.555	-1.111	-0.432	0.242	0.688	0.780
2581	25.80	0.528	0.080	-0.340	-0.515	-0.320	0.223	0.951	1.617	1.988	1.941
2591	25.90	1.522	0.931	0.448	0.307	0.592	1.177	1.772	2.029	1.700	0.753
2601	26.00	-0.586	-1.909	-2.780	-2.918	-2.314	-1.248	-0.178	0.450	0.384	-0.326
2611	26.10	-1.354	-2.233	-2.556	-2.142	-1.103	0.213	1.375	2.046	2.105	1.670
2621	26.20	1.022	0.459	0.174	0.193	0.390	0.575	0.593	0.389	0.012	-0.424
2631	26.30	-0.807	-1.073	-1.215	-1.257	-1.223	-1.114	-0.919	-0.643	-0.330	-0.068
2641	26.40	0.047	-0.037	-0.293	-0.606	-0.812	-0.767	-0.411	0.203	0.927	1.574
2651	26.50	1.991	2.102	1.921	1.528	1.024	0.503	0.034	-0.327	-0.535	-0.561
2661	26.60	-0.413	-0.154	0.087	0.160	-0.056	-0.567	-1.257	-1.891	-2.208	-2.016
2671	26.70	-1.301	-0.230	0.901	1.774	2.175	2.064	1.572	0.933	0.381	0.062
2681	26.80	0.003	0.335	0.351	0.559	0.708	0.775	0.738	0.561	0.210	-0.308
2691	26.90	-0.911	-1.435	-1.683	-1.509	-0.902	-0.015	0.869	1.443	1.508	1.063
2701	27.00	0.318	-0.392	-0.742	-0.557	0.110	1.000	1.753	2.053	1.747	0.893
2711	27.10	-0.273	-1.442	-2.345	-2.830	-2.893	-2.636	-2.204	-1.719	-1.251	-0.816
2721	27.20	-0.409	-0.032	0.291	0.520	0.830	0.624	0.550	0.478	0.475	0.571
2731	27.30	0.738	0.902	0.949	0.844	0.549	0.135	-0.334	-0.714	-0.907	-0.879
2741	27.40	-0.669	-0.975	-1.174	0.019	-0.012	-0.172	-0.374	-0.507	-0.480	-0.251
2751	27.50	0.159	0.677	1.199	1.618	1.853	1.862	1.650	1.269	0.805	0.357
2761	27.60	0.018	-0.154	-0.152	-0.030	0.116	0.174	0.060	-0.248	-0.695	-1.147
2771	27.70	-1.528	-1.675	-1.571	-1.266	-0.869	-0.503	-0.250	-0.115	-0.025	0.135
2781	27.80	0.463	0.987	1.431	2.225	2.567	2.491	1.940	1.003	-0.104	-1.102
2791	27.90	-1.744	-1.903	-1.617	-1.075	-0.543	-0.260	-0.363	-0.745	-1.271	-1.664
2801	28.00	-1.212	-1.339	-0.631	0.200	0.908	1.311	1.357	1.127	0.777	0.456
2811	28.10	0.236	0.093	-0.059	-0.305	-0.667	-1.085	-1.448	-1.650	-1.655	-1.508
2821	28.20	-1.313	-1.165	-1.094	-1.040	-0.892	-0.550	0.000	0.662	1.257	1.604
2831	28.30	1.606	1.299	0.839	0.636	0.255	0.347	0.635	0.957	1.151	1.121
2841	28.40	0.872	0.488	0.074	-0.293	-0.590	-0.831	-1.029	-1.156	-1.142	-0.923
2851	28.50	-0.452	0.225	0.979	1.645	2.076	2.206	2.067	1.768	1.436	1.165
2861	28.60	0.979	0.844	0.701	0.507	0.240	-0.004	-0.237	-0.403	-0.499	-0.563
2871	28.70	-0.559	-0.552	-0.528	-0.459	-0.310	-0.196	-0.219	-0.290	-0.380	-0.487
2881	28.80	0.704	0.954	1.184	1.301	1.202	0.836	0.233	-0.485	-1.145	-1.587
2891	28.90	-1.733	-1.613	-1.347	-1.087	-0.946	-0.949	-1.058	-1.106	-1.062	-0.871
2901	29.00	-0.571	-0.240	0.046	0.248	0.372	0.453	0.516	0.564	0.570	0.510
2911	29.10	0.383	0.223	0.082	-0.004	-0.046	-0.104	-0.240	-0.561	-0.902	-1.114
2921	29.20	-1.704	-1.719	-1.416	-0.884	-0.216	0.359	0.749	0.944	1.023	1.098
2931	29.30	1.238	1.458	1.578	1.579	1.373	1.096	0.579	0.223	0.175	0.247
2941	29.40	0.424	0.470	0.273	-0.179	-0.764	-1.274	-1.515	-1.399	-0.984	-0.449
2951	29.50	-0.005	0.200	0.149	-0.049	-0.222	-0.223	-0.010	0.341	0.671	0.822
2961	29.60	0.718	0.399	0.016	-0.255	-0.269	-0.001	0.449	0.884	1.092	0.921
2971	29.70	0.346	-0.517	-1.443	-2.169	-2.480	-2.284	-1.643	-0.759	0.098	0.681
2981	29.80	0.851	0.628	0.179	-0.253	-0.443	-0.202	0.186	0.783	1.271	1.461
2991	29.90	1.281	0.807	0.212	-0.315	-0.658	-0.812	-0.875	-0.975	-1.193	-1.505

Table 7-22-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1958 S715-GR-1-1 HA. (HA.) NAKATSU ES. MAX. ACC. = -95.020 (GAL) T= 4.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-1.788	-1.871	-1.623	-1.027	-0.194	0.664	1.319	1.615	1.516	1.117
3011	30.10	0.590	0.116	-0.184	-0.276	-0.209	-0.070	0.061	0.143	0.182	0.214
3021	30.20	0.271	0.362	0.461	0.517	0.479	0.316	0.047	-0.278	-0.569	-0.734
3031	30.30	-0.701	-0.446	-0.006	0.528	1.030	1.371	1.457	1.256	0.813	0.236
3041	30.40	-0.326	-0.729	-0.869	-0.711	-0.304	0.234	0.747	1.084	1.146	0.915
3051	30.50	0.446	-0.054	-0.435	-0.685	-0.607	-0.298	0.110	0.459	0.629	0.579
3061	30.60	0.363	0.094	-0.117	-0.209	-0.197	-0.151	-0.142	-0.193	-0.261	-0.259
3071	30.70	-0.125	0.129	0.395	0.513	0.354	-0.093	-0.685	-1.171	-1.305	-0.977
3081	30.80	-0.288	0.471	0.942	0.874	0.254	-0.663	-1.458	-1.741	-1.341	-0.400
3091	30.90	0.683	1.431	1.510	0.888	-0.150	-1.138	-1.644	-1.469	-0.719	0.255
3101	31.00	1.046	1.383	1.246	0.869	0.502	0.440	0.701	1.114	1.403	1.337
3111	31.10	0.855	0.094	-0.686	-1.235	-1.429	-1.315	-1.059	-0.844	-0.766	-0.797
3121	31.20	-0.823	-0.732	-0.492	-0.185	0.048	0.095	-0.046	-0.248	-0.308	-0.058
3131	31.30	0.536	1.334	2.076	2.486	2.406	1.865	1.063	0.277	-0.266	-0.477
3141	31.40	-0.446	-0.365	-0.623	-0.711	-1.169	-1.622	-1.861	-1.744	-1.261	-0.536
3151	31.50	0.232	0.835	1.146	1.144	0.899	0.535	0.168	-0.122	-0.307	-0.398
3161	31.60	-0.424	-0.418	-0.405	-0.405	-0.436	-0.509	-0.622	-0.757	-0.677	-0.942
3171	31.70	-0.923	-0.820	-0.664	-0.503	-0.386	-0.333	-0.326	-0.313	-0.232	-0.043
3181	31.80	0.248	0.583	0.862	0.987	0.894	0.595	0.165	-0.264	-0.552	-0.601
3191	31.90	-0.392	0.006	0.456	0.804	0.928	0.788	0.440	0.015	-0.322	-0.436
3201	32.00	-0.269	0.134	0.644	1.088	1.313	1.241	0.897	0.398	-0.089	-0.406
3211	32.10	-0.467	-0.284	0.039	0.347	0.499	0.420	0.137	-0.237	-0.549	-0.665
3221	32.20	-0.529	-0.183	0.255	0.636	0.846	0.847	0.691	0.485	0.340	0.320
3231	32.30	0.414	0.550	0.632	0.594	0.432	0.210	0.021	-0.056	-0.000	0.136
3241	32.40	0.251	0.243	0.058	-0.284	-0.690	-1.036	-1.216	-1.161	-0.956	-0.622
3251	32.50	-0.283	-0.023	0.110	0.114	0.019	-0.133	-0.297	-0.429	-0.489	-0.441
3261	32.60	-0.263	0.035	0.400	0.743	0.956	0.955	0.715	0.290	-0.204	-0.626
3271	32.70	-0.872	-0.909	-0.796	-0.646	-0.579	-0.654	-0.844	-1.040	-1.100	-0.914
3281	32.80	-0.458	0.182	0.868	1.364	1.612	1.574	1.360	1.062	0.691	0.909
3291	32.90	1.098	1.347	1.501	1.425	1.063	0.454	-0.278	-0.973	-1.490	-1.755
3301	33.00	-1.770	-1.605	-1.360	-1.127	-0.960	-0.864	-0.803	-0.726	-0.582	-0.340
3311	33.10	-0.001	0.409	0.838	1.215	1.466	1.525	1.356	0.969	0.433	-0.137
3321	33.20	-0.600	-0.839	-0.797	-0.504	-0.074	0.334	0.572	0.561	0.318	-0.053
3331	33.30	-0.406	-0.618	-0.641	-0.518	-0.354	-0.259	-0.294	-0.432	-0.576	-0.613
3341	33.40	-0.475	-0.185	0.143	0.357	0.342	0.080	-0.326	-0.698	-0.862	-0.733
3351	33.50	-0.362	0.080	0.385	0.404	0.117	-0.345	-0.769	-0.952	-0.805	-0.389
3361	33.60	0.111	0.483	0.586	0.419	0.131	-0.072	-0.023	0.317	0.828	1.287
3371	33.70	1.472	1.269	0.726	0.040	-0.534	-0.795	-0.676	-0.276	0.198	0.521
3381	33.80	0.551	0.277	-0.187	-0.683	-0.987	-1.073	-0.924	-0.620	-0.260	0.076
3391	33.90	0.337	0.518	0.618	0.635	0.563	0.406	0.201	0.011	-0.087	-0.040
3401	34.00	0.147	0.401	0.604	0.638	0.447	0.064	-0.393	-0.770	-0.936	-0.844
3411	34.10	-0.544	-0.163	0.159	0.330	0.341	0.259	0.183	0.188	0.281	0.397
3421	34.20	0.435	0.316	0.030	-0.346	-0.680	-0.842	-0.744	-0.477	-0.094	0.235
3431	34.30	0.391	0.337	0.129	-0.120	-0.298	-0.344	-0.274	-0.162	-0.092	-0.108
3441	34.40	-0.187	-0.250	-0.209	-0.020	0.287	0.615	0.864	0.891	0.757	0.523
3451	34.50	0.318	0.249	0.351	0.567	0.779	0.870	0.786	0.566	0.322	0.180
3461	34.60	0.206	0.363	0.526	0.536	0.286	-0.215	-0.832	-1.351	-1.573	-1.401
3471	34.70	-0.893	-0.234	0.332	0.613	0.544	0.207	-0.205	-0.486	-0.500	-0.243
3481	34.80	0.168	0.548	0.736	0.658	0.360	-0.026	-0.339	-0.464	-0.381	-0.162
3491	34.90	0.058	0.148	0.034	-0.271	-0.672	-1.028	-1.210	-1.139	-0.819	-0.330

Table 7-22-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1958 S715-GR-1-1 HA. (HA.) NAKATSU ES. MAX. ACC. = -95.020 (GAL) T= 4.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.199	0.630	0.857	0.836	0.598	0.236	-0.122	-0.357	-0.389	-0.211
3511	35.10	0.113	0.464	0.711	0.750	0.546	0.144	-0.345	-0.761	-1.042	-1.066
3521	35.20	-0.858	-0.500	-0.098	0.249	0.479	0.580	0.577	0.507	0.397	0.256
3531	35.30	0.080	-0.126	-0.335	-0.489	-0.518	-0.369	-0.034	0.432	0.922	1.310
3541	35.40	1.488	1.410	1.106	0.666	0.211	-0.156	-0.365	-0.416	-0.365	-0.210
3551	35.50	-0.058	0.083	0.214	0.343	0.475	0.593	0.665	0.636	0.494	0.241
3561	35.60	-0.075	-0.376	-0.576	-0.615	-0.484	-0.237	-0.018	0.155	0.075	-0.250
3571	35.70	-0.762	-1.319	-1.748	-1.899	-1.709	-1.222	-0.586	0.009	0.397	0.497
3581	35.80	0.344	0.060	-0.196	-0.304	-0.225	-0.013	0.223	0.376	0.393	0.295
3591	35.90	0.157	0.060	0.046	0.087	0.107	0.024	-0.196	-0.511	-0.816	-0.986
3601	36.00	-0.939	-0.680	-0.303	0.047	0.240	0.220	0.033	-0.198	-0.328	-0.259
3611	36.10	0.013	0.398	0.750	0.935	0.886	0.631	0.284	-0.010	-0.134	-0.040
3621	36.20	0.231	0.574	0.841	1.002	0.966	0.776	0.515	0.278	0.137	0.123
3631	36.30	0.220	0.581	0.540	0.667	0.713	0.678	0.575	0.425	0.253	0.084
3641	36.40	-0.058	-0.145	-0.168	-0.120	-0.018	0.099	0.182	0.181	0.064	-0.166
3651	36.50	-0.465	-0.772	-1.012	-1.128	-1.098	-0.941	-0.705	-0.452	-0.243	-0.119
3661	36.60	-0.098	-0.175	-0.326	-0.513	-0.692	-0.816	-0.847	-0.768	-0.589	-0.349
3671	36.70	-0.107	0.081	0.181	0.193	0.149	0.093	0.061	0.059	0.066	0.043
3681	36.80	-0.024	-0.119	-0.190	-0.177	-0.040	0.201	0.469	0.650	0.649	0.436
3691	36.90	0.064	-0.348	-0.649	-0.758	-0.668	-0.484	-0.278	-0.221	-0.328	-0.538
3701	37.00	-0.725	-0.766	-0.599	-0.265	0.112	0.380	0.436	0.275	-0.005	-0.246
3711	37.10	-0.305	-0.120	0.262	0.707	1.051	1.177	1.057	0.764	0.428	0.183
3721	37.20	0.108	0.206	0.413	0.638	0.810	0.899	0.923	0.919	0.915	0.904
3731	37.30	0.846	0.690	0.411	0.031	-0.371	-0.687	-0.817	-0.716	-0.413	-0.013
3741	37.40	0.345	0.533	0.487	0.227	-0.152	-0.519	-0.757	-0.804	-0.677	-0.450
3751	37.50	-0.219	-0.063	-0.007	-0.026	-0.061	-0.060	-0.078	0.087	0.156	0.154
3761	37.60	0.066	-0.086	-0.230	-0.297	-0.249	-0.102	0.078	0.195	0.172	-0.016
3771	37.70	-0.328	-0.664	-0.910	-0.977	-0.838	-0.537	-0.173	0.137	0.304	0.292
3781	37.80	0.132	-0.099	-0.300	-0.388	-0.320	-0.106	0.200	0.521	0.778	0.916
3791	37.90	0.911	0.775	0.544	0.266	-0.010	-0.243	-0.405	-0.480	-0.466	-0.374
3801	38.00	-0.230	-0.068	0.076	0.175	0.221	0.229	0.231	0.262	0.345	0.475
3811	38.10	0.623	0.761	0.789	0.749	0.635	0.484	0.338	0.223	0.139	0.063
3821	38.20	-0.033	-0.157	-0.291	-0.398	-0.439	-0.401	-0.313	-0.229	-0.208	-0.293
3831	38.30	-0.393	-0.490	-0.473	-0.287	0.052	0.450	0.767	0.878	0.727	0.358
3841	38.40	-0.100	-0.486	-0.673	-0.625	-0.406	-0.142	0.018	-0.014	-0.245	-0.599
3851	38.50	-0.957	-1.209	-1.290	-1.199	-0.984	-0.711	-0.442	-0.214	-0.041	0.078
3861	38.60	0.145	0.165	0.146	0.101	0.051	0.018	0.009	0.019	0.027	0.015
3871	38.70	-0.020	-0.060	-0.071	-0.023	0.087	0.230	0.346	0.375	0.286	0.097
3881	38.80	-0.125	-0.291	-0.328	-0.210	0.032	0.323	0.574	0.736	0.781	0.714
3891	38.90	0.469	0.594	0.532	0.472	0.400	0.313	0.234	0.201	0.251	0.391
3901	39.00	0.589	0.789	0.926	0.959	0.887	0.744	0.578	0.428	0.305	0.196
3911	39.10	0.081	-0.041	-0.149	-0.197	-0.148	0.002	0.210	0.395	0.469	0.380
3921	39.20	0.136	-0.189	-0.488	-0.666	-0.677	-0.547	-0.356	-0.198	-0.139	-0.189
3931	39.30	-0.303	-0.414	-0.466	-0.448	-0.395	-0.374	-0.440	-0.608	-0.841	-1.062
3941	39.40	-1.191	-1.175	-1.017	-0.766	-0.494	-0.276	-0.148	-0.110	-0.129	-0.164
3951	39.50	-0.188	-0.197	-0.208	-0.245	-0.319	-0.424	-0.530	-0.601	-0.602	-0.540
3961	39.60	-0.413	-0.259	-0.117	-0.018	0.026	0.024	0.003	-0.007	0.022	0.097
3971	39.70	0.211	0.342	0.463	0.555	0.616	0.654	0.686	0.726	0.769	0.787
3981	39.80	0.751	0.638	0.449	0.220	0.012	-0.112	-0.114	-0.003	0.165	0.308
3991	39.90	0.344	0.248	0.031	-0.221	-0.408	-0.449	-0.316	-0.047	0.274	0.547

Table 7-22-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1958 S715-GR-1-1 HA. (HA.) NAKATSU ES. MAX. ACC. = -95.020 (GAL) T= 4.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.701	0.717	0.625	0.490	0.368	0.287	0.233	0.168	0.051	-0.130
4011	40.10	-0.347	-0.540	-0.643	-0.610	-0.439	-0.177	0.099	0.309	0.399	0.359
4021	40.20	0.226	0.067	-0.050	-0.076	-0.007	0.123	0.250	0.305	0.241	0.055
4031	40.30	-0.212	-0.485	-0.680	-0.735	-0.635	-0.418	-0.164	0.035	0.108	0.033
4041	40.40	-0.153	-0.371	-0.528	-0.556	-0.432	-0.200	0.066	0.268	0.348	0.286
4051	40.50	0.111	-0.105	-0.289	-0.383	-0.369	-0.267	-0.118	0.035	0.164	0.264
4061	40.60	0.350	0.439	0.534	0.618	0.659	0.620	0.485	0.274	0.037	-0.153
4071	40.70	-0.233	-0.174	0.001	0.223	0.406	0.473	0.397	0.203	-0.036	-0.233
4081	40.80	-0.323	-0.289	-0.163	-0.009	0.109	0.158	0.145	0.110	0.101	0.146
4091	40.90	0.238	0.340	0.406	0.401	0.319	0.185	0.034	-0.103	-0.216	-0.316
4101	41.00	-0.420	-0.535	-0.648	-0.726	-0.732	-0.646	-0.476	-0.259	-0.048	0.105
4111	41.10	0.171	0.148	0.051	-0.089	-0.245	-0.388	-0.497	-0.548	-0.523	-0.419
4121	41.20	-0.252	-0.062	0.095	0.173	0.154	0.063	-0.042	-0.091	-0.061	0.101
4131	41.30	0.275	0.394	0.385	0.225	-0.040	-0.310	-0.474	-0.459	-0.266	0.033
4141	41.40	0.322	0.493	0.496	0.356	0.164	0.031	0.044	0.221	0.508	0.801
4151	41.50	0.989	0.999	0.823	0.522	0.197	-0.053	-0.163	-0.129	0.001	0.148
4161	41.60	0.242	0.249	0.186	0.109	0.080	0.137	0.267	0.408	0.475	0.400
4171	41.70	0.174	-0.143	-0.439	-0.594	-0.534	-0.269	0.107	0.453	0.643	0.617
4181	41.80	0.407	0.118	-0.128	-0.246	-0.232	-0.152	-0.106	-0.168	-0.367	-0.578
4191	41.90	-0.761	-0.814	-0.720	-0.533	-0.357	-0.281	-0.340	-0.487	-0.627	-0.663
4201	42.00	-0.554	-0.335	-0.103	0.043	0.048	-0.063	-0.201	-0.282	-0.188	0.000
4211	42.10	0.210	0.322	0.257	0.016	-0.313	-0.598	-0.728	-0.667	-0.466	-0.232
4221	42.20	-0.075	-0.046	-0.115	-0.192	-0.179	-0.026	0.239	0.518	0.694	0.688
4231	42.30	0.499	0.207	-0.062	-0.193	-0.135	0.081	0.360	0.583	0.661	0.566
4241	42.40	0.337	0.055	-0.189	-0.335	-0.361	-0.291	-0.174	-0.060	0.017	0.048
4251	42.50	0.046	0.040	0.060	0.124	0.230	0.355	0.461	0.508	0.474	0.364
4261	42.60	0.216	0.085	0.025	0.064	0.184	0.330	0.429	0.422	0.290	0.068
4271	42.70	-0.170	-0.344	-0.398	-0.326	-0.171	0.000	0.128	0.188	0.198	0.199
4281	42.80	0.229	0.294	0.362	0.374	0.280	0.065	-0.235	-0.544	-0.782	-0.895
4291	42.90	-0.882	-0.791	-0.693	-0.645	-0.660	-0.705	-0.717	-0.640	-0.459	-0.210
4301	43.00	0.036	0.204	0.250	0.191	0.089	0.031	0.079	0.244	0.475	0.679
4311	43.10	0.763	0.671	0.414	0.063	-0.275	-0.496	-0.538	-0.395	-0.116	0.221
4321	43.20	0.539	0.787	0.949	1.037	1.079	1.094	1.089	1.051	0.961	0.804
4331	43.30	0.585	0.327	0.071	-0.139	-0.274	-0.327	-0.318	-0.286	-0.273	-0.305
4341	43.40	-0.379	-0.465	-0.513	-0.478	-0.344	-0.133	0.091	0.251	0.281	0.162
4351	43.50	-0.071	-0.332	-0.522	-0.564	-0.437	-0.186	0.102	0.327	0.426	0.369
4361	43.60	0.261	0.112	-0.000	-0.061	-0.099	-0.169	-0.308	-0.513	-0.724	-0.854
4371	43.70	-0.826	-0.625	-0.307	0.011	0.200	0.179	-0.052	-0.406	-0.748	-0.952
4381	43.80	-0.961	-0.797	-0.552	-0.335	-0.218	-0.208	-0.251	-0.274	-0.230	-0.128
4391	43.90	-0.031	-0.020	-0.141	-0.374	-0.630	-0.789	-0.758	-0.516	-0.129	0.276
4401	44.00	0.569	0.676	0.603	0.435	0.284	0.236	0.315	0.477	0.641	0.733
4411	44.10	0.724	0.640	0.540	0.481	0.482	0.518	0.533	0.479	0.345	0.165
4421	44.20	0.009	-0.058	-0.007	0.141	0.322	0.457	0.488	0.401	0.227	0.026
4431	44.30	-0.142	-0.233	-0.238	-0.171	-0.062	0.059	0.165	0.238	0.267	0.248
4441	44.40	0.189	0.108	0.037	0.003	0.024	0.093	0.182	0.250	0.261	0.199
4451	44.50	0.076	-0.078	-0.228	-0.353	-0.448	-0.521	-0.581	-0.624	-0.635	-0.601
4461	44.60	-0.522	-0.630	-0.373	-0.401	-0.529	-0.724	-0.909	-0.989	-0.895	-0.619
4471	44.70	-0.225	0.177	0.475	0.606	0.568	0.433	0.290	0.207	0.198	0.225
4481	44.80	0.224	0.153	0.018	-0.125	-0.197	-0.140	0.049	0.309	0.546	0.670
4491	44.90	0.641	0.484	0.271	0.087	-0.013	-0.020	0.031	0.095	0.142	0.174

Table 7-22-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1958 S715-GR-1-1 HA. (HA.) NAKATSU ES. MAX. ACC. = -95.020 (GAL) T= 4.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.219	0.303	0.430	0.569	0.670	0.689	0.621	0.501	0.388	0.331
4511	45.10	0.338	0.365	0.337	0.194	-0.072	-0.399	-0.672	-0.775	-0.647	-0.315
4521	45.20	0.111	0.480	0.688	0.631	0.417	0.148	-0.044	-0.072	0.069	0.312
4531	45.30	0.548	0.682	0.672	0.536	0.331	0.118	-0.066	-0.218	-0.360	-0.505
4541	45.40	-0.644	-0.743	-0.761	-0.677	-0.515	-0.335	-0.215	-0.209	-0.320	-0.492
4551	45.50	-0.634	-0.657	-0.519	-0.245	0.083	0.361	0.500	0.468	0.289	0.036
4561	45.60	-0.215	-0.399	-0.496	-0.521	-0.511	-0.502	-0.516	-0.558	-0.618	-0.683
4571	45.70	-0.740	-0.773	-0.766	-0.704	-0.578	-0.396	-0.188	0.003	0.132	0.178
4581	45.80	0.155	0.112	0.110	0.190	0.349	0.536	0.684	0.680	0.498	0.220
4591	45.90	-0.071	-0.261	-0.270	-0.094	0.188	0.453	0.584	0.527	0.317	0.057
4601	46.00	-0.127	-0.150	-0.003	0.241	0.461	0.548	0.454	0.209	-0.089	-0.325
4611	46.10	-0.416	-0.344	-0.158	0.053	0.202	0.240	0.176	0.060	-0.038	-0.063
4621	46.20	0.007	0.153	0.329	0.479	0.556	0.534	0.413	0.221	-0.000	-0.197
4631	46.30	-0.326	-0.359	-0.299	-0.179	-0.048	0.040	0.058	0.007	-0.078	-0.152
4641	46.40	-0.179	-0.157	-0.118	-0.113	-0.181	-0.328	-0.513	-0.647	-0.725	-0.657
4651	46.50	-0.491	-0.299	-0.163	-0.137	-0.215	-0.332	-0.398	-0.342	-0.149	0.126
4661	46.60	0.386	0.533	0.521	0.374	0.178	0.039	0.032	0.168	0.391	0.606
4671	46.70	0.723	0.704	0.568	0.381	0.220	0.133	0.124	0.159	0.190	0.189
4681	46.80	0.144	0.153	0.198	0.320	0.502	0.687	0.807	0.811	0.693	0.488
4691	46.90	0.261	0.076	-0.031	-0.067	-0.070	-0.091	-0.163	-0.236	-0.428	-0.540
4701	47.00	-0.578	-0.525	-0.396	-0.235	-0.095	-0.014	-0.009	-0.066	-0.152	-0.229
4711	47.10	-0.268	-0.259	-0.211	-0.140	-0.066	0.003	0.066	0.130	0.196	0.252
4721	47.20	0.276	0.237	0.116	-0.086	-0.334	-0.567	-0.719	-0.738	-0.614	-0.386
4731	47.30	-0.129	0.067	0.136	0.061	-0.119	-0.325	-0.469	-0.493	-0.392	-0.213
4741	47.40	-0.033	0.074	0.075	-0.015	-0.134	-0.211	-0.197	-0.088	0.068	0.197
4751	47.50	0.231	0.144	-0.067	-0.266	-0.424	-0.458	-0.348	-0.124	0.143	0.376
4761	47.60	0.520	0.563	0.531	0.470	0.423	0.409	0.416	0.419	0.394	0.338
4771	47.70	0.274	0.243	0.278	0.385	0.532	0.661	0.708	0.633	0.439	0.179
4781	47.80	-0.071	-0.239	-0.285	-0.222	-0.100	0.015	0.073	0.060	0.005	-0.048
4791	47.90	-0.060	-0.023	0.033	0.061	0.022	-0.092	-0.242	-0.363	-0.393	-0.303
4801	48.00	-0.119	0.088	0.230	0.243	0.111	-0.125	-0.389	-0.604	-0.724	-0.747
4811	48.10	-0.710	-0.660	-0.627	-0.608	-0.577	-0.504	-0.380	-0.231	-0.104	-0.048
4821	48.20	-0.081	-0.078	-0.277	-0.310	-0.238	-0.059	0.155	0.324	0.381	0.304
4831	48.30	0.131	-0.060	-0.188	-0.279	-0.126	0.004	0.112	0.153	0.127	0.078
4841	48.40	0.074	0.163	0.350	0.590	0.804	0.923	0.904	0.773	0.589	0.424
4851	48.50	0.324	0.289	0.275	0.221	0.082	-0.144	-0.403	-0.612	-0.691	-0.600
4861	48.60	-0.357	-0.038	0.257	0.440	0.468	0.360	0.186	0.033	-0.026	0.037
4871	48.70	0.194	0.376	0.505	0.521	0.413	0.217	0.008	-0.138	-0.167	-0.076
4881	48.80	0.087	0.243	0.314	0.255	0.071	-0.181	-0.415	-0.556	-0.564	-0.457
4891	48.90	-0.296	-0.162	-0.120	-0.188	-0.336	-0.498	-0.605	-0.618	-0.544	-0.434
4901	49.00	-0.355	-0.358	-0.451	-0.593	-0.712	-0.736	-0.628	-0.403	-0.125	0.117
4911	49.10	0.246	0.226	0.075	-0.148	-0.362	-0.500	-0.531	-0.463	-0.353	-0.187
4921	49.20	-0.057	0.046	0.139	0.210	0.293	0.370	0.418	0.417	0.363	0.276
4931	49.30	0.203	0.186	0.252	0.391	0.548	0.647	0.622	0.448	0.158	-0.157
4941	49.40	-0.388	-0.441	-0.295	0.094	0.349	0.621	0.735	0.678	0.510	0.332
4951	49.50	0.235	0.257	0.360	0.456	0.467	0.280	-0.019	-0.357	-0.611	-0.683
4961	49.60	-0.555	-0.271	0.044	0.279	0.388	0.382	0.212	0.130	0.138	0.236
4971	49.70	0.366	0.445	0.413	0.264	0.052	-0.131	-0.210	-0.154	0.001	0.176
4981	49.80	0.279	0.260	0.118	-0.100	-0.321	-0.486	-0.569	-0.577	-0.542	-0.491
4991	49.90	-0.438	-0.380	-0.308	-0.224	-0.144	-0.092	-0.085	-0.121	-0.175	-0.211

Table 7-22-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1958 S715-GR-1-1 HA. (HA.) HAKATSU ES. MAX. ACC. = -95.020 (GAL) T= 4.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.203	-0.151	-0.083	-0.046	-0.069	-0.163	-0.294	-0.404	-0.433	-0.350
5011	50.10	-0.163	0.086	0.341	0.557	0.713	0.819	0.891	0.940	0.959	0.926
5021	50.20	0.821	0.647	0.432	0.230	0.093	0.051	0.095	0.186	0.267	0.297
5031	50.30	0.265	0.190	0.109	0.055	0.037	0.042	0.046	0.030	0.001	-0.018
5041	50.40	0.004	0.077	0.184	0.275	0.294	0.206	0.019	-0.213	-0.411	-0.504
5051	50.50	-0.465	-0.319	-0.139	-0.005	0.023	-0.058	-0.205	-0.342	-0.402	-0.351
5061	50.60	-0.211	-0.037	0.100	0.149	0.098	-0.030	-0.185	-0.320	-0.405	-0.438
5071	50.70	-0.436	-0.422	-0.417	-0.424	-0.438	-0.444	-0.429	-0.386	-0.312	-0.212
5081	50.80	-0.101	0.003	0.070	0.072	-0.013	-0.186	-0.424	-0.678	-0.888	-1.002
5091	50.90	-0.993	-0.874	-0.688	-0.491	-0.336	-0.247	-0.219	-0.224	-0.230	-0.212
5101	51.00	-0.163	-0.089	0.003	0.111	0.240	0.396	0.573	0.748	0.882	0.934
5111	51.10	0.880	0.724	0.503	0.266	0.065	-0.075	-0.148	-0.173	-0.165	-0.132
5121	51.20	-0.069	0.033	0.168	0.307	0.403	0.409	0.306	0.117	-0.088	-0.227
5131	51.30	-0.235	-0.103	0.120	0.342	0.474	0.471	0.352	0.193	0.085	0.085
5141	51.40	0.192	0.342	0.443	0.429	0.292	0.094	-0.068	-0.107	0.001	0.205
5151	51.50	0.399	0.474	0.377	0.135	-0.150	-0.350	-0.372	-0.202	0.089	0.381
5161	51.60	0.557	0.562	0.418	0.208	0.029	-0.057	-0.052	-0.013	-0.020	-0.124
5171	51.70	-0.321	-0.551	-0.726	-0.777	-0.685	-0.491	-0.276	-0.119	-0.065	-0.109
5181	51.80	-0.205	-0.297	-0.349	-0.363	-0.365	-0.387	-0.438	-0.492	-0.495	-0.393
5191	51.90	-0.163	0.167	0.525	0.818	0.969	0.945	0.770	0.512	0.255	0.063

Table 7-23-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1959 8715-GR-1-1 U-D (U-D) NAKATSU ES. MAX. ACC. = 57.697 (GAL) T= 4.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	1.466	-0.377	-3.092	-5.307	-5.766	-3.962	-0.473	3.273	5.628	5.508
11	0.10	2.921	-1.010	-4.548	-6.139	-5.107	-1.946	1.950	4.941	5.889	4.629
21	0.20	1.968	-0.756	-2.318	-2.140	-0.478	1.783	3.600	4.241	3.553	1.931
31	0.30	0.055	-1.435	-2.167	-2.078	-1.315	-0.086	1.415	2.998	4.401	5.263
41	0.40	5.201	3.984	1.712	-1.106	-3.672	-5.180	-5.153	-3.659	-1.305	1.009
51	0.50	2.465	2.662	1.735	0.233	-1.184	-2.072	-2.367	-2.330	-2.355	-2.618
61	0.60	-3.011	-3.163	-2.685	-1.437	0.321	2.004	2.972	2.866	1.812	0.392
71	0.70	-0.636	-0.722	0.179	1.562	2.617	2.648	1.456	-0.522	-2.387	-3.210
81	0.80	-2.501	-0.484	1.968	3.728	3.942	2.453	-0.107	-2.587	-3.848	-3.287
91	0.90	-1.121	1.709	3.964	4.668	3.524	1.033	-1.766	-3.766	-4.270	-3.251
101	1.00	-1.300	0.689	1.937	2.090	1.300	0.067	-1.052	-1.707	-1.871	-1.783
111	1.10	-1.655	-1.677	-1.736	-1.580	-0.975	0.117	1.467	2.642	3.197	2.889
121	1.20	1.804	0.348	-0.914	-1.678	-1.104	0.102	1.734	3.251	4.168	4.207
131	1.30	3.364	1.871	0.100	-1.551	-2.752	-3.297	-3.121	-2.309	-1.069	0.291
141	1.40	1.425	2.027	1.926	1.153	-0.043	-1.255	-2.055	-2.148	-1.500	-0.370
151	1.50	0.776	1.444	1.315	0.394	-0.971	-2.219	-2.799	-2.409	-1.132	0.582
161	1.60	2.096	2.848	2.590	1.494	0.069	-1.066	-1.454	-1.003	-0.018	0.946
171	1.70	1.350	0.921	-0.211	-1.573	-2.550	-2.662	-1.772	-0.141	1.685	3.103
181	1.80	3.686	3.323	2.226	0.808	-0.499	-1.391	-1.753	-1.643	-1.210	-0.621
191	1.90	-0.019	0.469	0.718	0.603	0.048	-0.917	-2.103	-3.168	-3.710	-3.407
201	2.00	-2.166	-0.198	2.008	3.831	4.722	4.406	2.984	0.916	-1.125	-2.474
211	2.10	-2.695	-1.728	0.090	2.127	3.660	4.108	3.223	1.188	-1.428	-3.837
221	2.20	-5.275	-5.256	-3.737	-1.158	1.692	3.918	4.811	4.083	1.971	-0.816
231	2.30	-3.425	-5.104	-5.279	-4.042	-1.404	0.358	1.979	2.485	1.852	0.496
241	2.40	-0.898	-1.650	-1.354	-0.041	1.825	3.530	4.384	4.003	2.659	0.243
251	2.50	-1.834	-3.138	-3.278	-2.345	-0.831	0.593	1.369	1.281	0.531	-0.386
261	2.60	-0.928	-0.769	0.040	1.103	1.871	1.911	1.121	-0.211	-1.533	-2.287
271	2.70	-2.165	-1.256	0.003	1.013	1.309	0.765	-0.352	-1.511	-2.168	-2.013
281	2.80	-1.110	0.150	1.243	1.763	1.600	0.970	0.274	-0.125	-0.105	0.158
291	2.90	0.296	-0.015	-0.833	-1.850	-2.500	-2.227	-0.803	1.474	3.816	5.239
301	3.00	4.988	2.913	-0.393	-3.773	-5.955	-6.082	-4.083	-0.720	2.712	4.919
311	3.10	5.135	3.408	0.539	-2.287	-4.011	-4.101	-2.709	-0.512	1.628	3.028
321	3.20	3.396	2.837	1.694	0.337	-0.953	-2.001	-2.653	-2.724	-2.025	-0.502
331	3.30	1.615	3.758	5.152	5.110	3.376	0.334	-3.044	-5.537	-6.166	-4.627
341	3.40	-1.456	2.161	4.861	5.658	4.323	1.447	-1.840	-4.352	-5.307	-4.575
351	3.50	-2.637	-0.303	1.438	2.697	2.771	2.061	0.911	-0.369	-1.543	-2.434
361	3.60	-2.800	-2.718	-1.849	-0.338	1.513	3.191	4.111	3.845	2.315	-0.110
371	3.70	-2.705	-4.613	-5.156	-4.087	-1.698	1.262	3.832	5.163	4.806	2.859
381	3.80	-0.054	-2.997	-5.022	-5.477	-4.221	-1.656	1.418	4.058	5.502	5.387
391	3.90	3.846	1.422	-1.132	-3.102	-4.007	-3.706	-2.381	-0.451	1.554	3.108
401	4.00	3.789	3.370	1.891	-0.299	-2.571	-4.141	-4.304	-2.698	0.486	4.458
411	4.10	8.012	9.882	9.178	5.712	0.103	-6.410	-12.347	-16.440	-17.950	-16.778
421	4.20	-13.336	-8.202	-2.269	4.198	10.737	16.955	22.298	26.008	27.220	25.203
431	4.30	19.643	10.880	-0.018	-11.373	-21.228	-27.795	-29.924	-27.443	-21.356	-13.441
441	4.40	-5.940	-0.780	1.040	-0.184	-2.945	-5.052	-6.443	-0.009	7.922	17.592
451	4.50	26.355	31.518	31.175	24.737	13.014	-2.107	-18.189	-32.737	-43.530	-48.785
461	4.60	-47.267	-38.481	-22.954	-2.502	19.748	39.754	53.419	57.697	51.599	36.670
471	4.70	16.712	-3.238	-18.348	-25.387	-23.598	-14.778	-2.581	8.697	15.431	15.689
481	4.80	9.692	-0.372	-11.068	-18.758	-20.673	-15.740	-4.949	8.867	21.801	30.003
491	4.90	30.852	23.796	10.579	-5.264	-19.482	-28.400	-30.005	-24.447	-13.842	-1.474

Table 7-23-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1959 8715-GR-1-1 U-D (U-D) NAKATSU ES. MAX. ACC. = 57.697 (GAL) T= 4.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	9.258	15.792	16.961	13.069	5.552	-3.560	-12.193	-18.651	-21.874	-21.539
511	5.10	-18.037	-12.342	-5.767	0.359	5.010	7.694	8.490	7.892	6.522	4.873
521	5.20	3.192	1.556	0.067	-0.991	-1.171	-0.091	2.248	5.244	7.767	8.557
531	5.30	6.816	2.695	-2.589	-7.130	-9.082	-7.460	-2.614	3.851	9.714	13.027
541	5.40	12.874	9.654	4.774	-0.059	-3.595	-5.897	-6.290	-6.896	-8.010	-9.667
551	5.50	-11.202	-11.609	-10.096	-6.543	-1.629	3.611	7.287	9.150	8.879	7.037
561	5.60	4.549	2.291	0.763	-0.024	-0.414	-0.851	-1.607	-2.637	-3.601	-4.032
571	5.70	-3.573	-2.169	-0.153	1.829	3.034	2.889	1.242	-1.524	-4.571	-6.857
581	5.80	-7.502	-6.117	-2.965	1.116	5.024	7.793	8.944	8.616	7.440	6.215
591	5.90	5.546	5.597	6.076	6.424	6.110	4.869	2.793	0.234	-2.383	-4.737
601	6.00	-6.680	-8.184	-9.215	-9.649	-9.271	-7.892	-5.495	-2.344	1.039	4.001
611	6.10	5.958	6.562	5.786	3.886	1.324	-1.367	-3.673	-5.172	-5.596	-4.894
621	6.20	-3.279	-1.522	0.647	1.737	1.716	0.661	-1.940	-2.381	-3.035	-2.626
631	6.30	-1.341	0.279	1.621	2.303	2.334	2.049	1.858	1.950	2.151	2.011
641	6.40	1.098	-0.658	-2.803	-4.478	-4.804	-3.337	-0.368	3.132	5.905	6.966
651	6.50	6.056	3.753	1.187	-0.505	-0.705	0.441	2.163	3.512	3.854	3.159
661	6.60	1.928	0.837	0.286	0.150	-0.155	-1.287	-3.515	-6.435	-9.041	-10.146
671	6.70	-8.955	-5.497	-0.695	3.980	7.107	7.897	6.470	3.738	0.955	-0.838
681	6.80	-1.205	-0.392	0.901	1.908	2.133	1.497	0.249	-1.233	-2.640	-3.800
691	6.90	-4.624	-4.999	-4.736	-3.654	-1.735	0.727	3.118	4.693	4.886	3.623
701	7.00	1.413	-0.791	-1.995	-1.614	0.242	2.774	4.835	5.439	4.213	1.578
711	7.10	-1.432	-3.624	-4.169	-2.957	-0.632	1.706	2.975	2.554	0.512	-2.456
721	7.20	-5.335	-7.172	-7.394	-5.945	-3.234	0.043	3.117	5.322	6.225	5.697
731	7.30	3.958	1.556	-0.728	-2.076	-1.912	-0.162	2.625	5.388	6.903	6.279
741	7.40	3.372	-1.057	-5.559	-8.533	-8.877	-6.455	-2.184	2.326	5.439	6.155
751	7.50	4.502	1.451	-1.517	-3.182	-3.018	-1.414	0.607	1.930	1.900	0.608
761	7.60	-1.217	-2.314	-3.000	-2.302	-1.134	-0.144	-0.446	-1.172	-3.283	-4.177
771	7.70	-3.599	-1.349	1.984	5.245	7.223	7.199	5.269	2.288	-0.548	-2.246
781	7.80	-2.558	-1.884	-1.190	-1.379	-2.807	-5.047	-7.045	-7.618	-6.038	-2.450
791	7.90	2.106	6.071	8.003	7.183	3.936	-0.478	-4.360	-6.234	-5.421	-2.276
801	8.00	1.988	5.778	7.748	7.267	4.606	0.779	-2.874	-5.167	-5.450	-3.765
811	8.10	-0.756	2.601	5.327	6.713	6.479	4.784	2.131	-0.801	-3.323	-4.899
821	8.20	-5.219	-4.398	-2.663	-0.555	1.355	2.604	2.972	2.514	1.628	0.697
831	8.30	0.125	0.076	0.434	0.863	0.968	0.688	-0.573	-1.925	-3.104	-3.670
841	8.40	-3.404	-2.407	-1.070	0.101	0.706	0.426	0.077	-0.494	-0.622	-0.050
851	8.50	1.138	2.536	3.588	3.832	3.106	1.633	-0.077	-1.440	-2.047	-1.832
861	8.60	-1.088	-0.322	-0.016	-0.413	-1.397	-2.548	-3.316	-3.261	-2.239	-0.475
871	8.70	1.520	3.128	3.854	3.486	2.167	0.329	-1.459	-2.683	-3.045	-2.550
881	8.80	-1.481	-0.294	0.517	0.733	0.219	-0.760	-1.774	-2.354	-2.174	-1.176
891	8.90	0.392	2.060	3.305	3.733	3.229	1.985	0.427	-0.944	-1.732	-1.769
901	9.00	-1.147	-0.168	0.788	1.388	1.448	0.975	0.148	-0.749	-1.409	-1.592
911	9.10	-1.195	-0.293	0.876	1.967	2.635	2.653	2.001	0.879	-0.358	-1.337
921	9.20	-1.813	-1.753	-1.333	-0.627	-0.460	-0.288	-0.186	0.066	0.626	1.461
931	9.30	2.316	2.806	2.623	1.697	0.276	-1.150	-2.065	-2.155	-1.457	-0.341
941	9.40	0.670	1.147	0.955	0.299	-0.398	-0.726	-0.596	0.171	0.924	1.379
951	9.50	1.329	0.851	0.256	-0.100	-0.013	0.424	0.854	0.832	0.053	-1.462
961	9.60	-3.339	-4.979	-5.797	-5.460	-4.012	-1.854	0.426	2.259	3.281	3.408
971	9.70	2.798	1.743	0.556	-0.516	-1.294	-1.660	-1.541	-0.921	0.116	1.341
981	9.80	2.394	2.868	2.459	1.124	-0.831	-2.798	-4.054	-4.036	-2.603	-0.134
991	9.90	2.545	4.460	4.885	3.558	0.997	-1.863	-3.940	-4.461	-3.272	-0.896

Table 7-23-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1959 S715-GR-1-1 U-D (U-D) NAKATSU ES. MAX. ACC. = 57.697 (GAL) T= 4:68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.712	5.570	4.084	3.261	1.661	0.001	-1.035	-1.260	-0.921	-0.509
1011	10.10	-0.434	-0.778	-1.248	-1.378	-0.840	0.293	1.509	2.086	1.470	-0.377
1021	10.20	-2.671	-5.009	-5.805	-4.755	-2.100	1.256	6.128	5.561	5.230	3.534
1031	10.30	1.355	-0.376	-1.106	-0.853	-0.112	0.468	0.451	-0.173	-1.013	-1.528
1041	10.40	-1.340	-0.448	0.765	1.719	1.936	1.264	-0.050	-1.478	-2.452	-2.588
1051	10.50	-1.833	-0.449	1.109	2.360	2.947	2.721	1.762	0.338	-1.154	-2.283
1061	10.60	-2.695	-2.228	-0.992	0.627	2.072	2.804	2.522	1.307	-0.385	-1.891
1071	10.70	-2.611	-2.266	-1.020	0.599	1.936	2.497	2.155	1.166	0.015	-0.847
1081	10.80	-1.196	-1.124	-0.921	-0.866	-1.035	-1.248	-1.166	-0.501	0.755	2.275
1091	10.90	3.486	3.027	1.239	-0.929	-2.709	-3.456	-2.929	-1.388	0.519	
1101	11.00	2.039	2.618	2.122	0.880	-0.579	-1.591	-1.820	-1.284	-0.338	0.515
1111	11.10	0.859	0.559	-0.192	-0.970	-1.325	-0.992	-0.017	1.253	2.319	2.745
1121	11.20	2.351	1.291	0.006	-0.986	-1.282	-0.775	0.297	1.450	2.147	2.017
1131	11.30	1.003	-0.608	-2.289	-3.469	-3.738	-2.992	-1.468	0.339	1.847	2.583
1141	11.40	2.340	0.323	-0.202	-1.769	-2.608	-2.621	-1.858	-0.685	0.373	0.853
1151	11.50	0.541	-0.426	-1.611	-2.459	-2.541	-1.745	-0.340	1.139	2.524	2.270
1161	11.60	1.607	0.520	-0.440	-0.823	-0.495	0.300	1.073	1.336	0.658	-0.213
1171	11.70	-1.405	-2.149	-2.049	-1.066	0.463	1.974	2.942	3.096	2.514	1.542
1181	11.80	0.606	0.008	-0.193	-0.165	-0.168	-0.394	-0.861	-1.414	-1.822	-1.915
1191	11.90	-1.678	-1.251	-0.853	-0.656	-0.700	-0.875	-0.987	-0.869	-0.468	0.130
1201	12.00	0.748	1.209	1.417	1.393	1.243	1.078	0.943	0.788	0.500	-0.019
1211	12.10	-0.766	-1.599	-2.261	-2.474	-2.055	-1.015	0.617	1.841	2.829	3.075
1221	12.20	2.510	1.343	-0.006	-1.055	-1.453	-1.025	-0.010	1.195	2.095	2.298
1231	12.30	1.659	0.335	-1.279	-2.695	-3.499	-3.484	-2.694	-1.391	0.056	1.285
1241	12.40	2.034	2.188	1.771	0.924	-0.134	-1.142	-1.843	-2.034	-1.632	-0.719
1251	12.50	0.452	1.516	2.109	2.006	1.227	0.048	-1.080	-1.706	-1.544	-0.615
1261	12.60	0.774	2.138	3.001	3.079	2.373	1.149	-0.184	-1.233	-1.757	-1.715
1271	12.70	-1.236	-0.530	0.203	0.832	1.291	1.570	1.652	1.533	1.224	0.765
1281	12.80	0.324	-0.011	-0.104	0.073	0.429	0.781	0.915	0.687	0.087	-0.747
1291	12.90	-1.580	-2.173	-2.377	-2.185	-1.722	-1.183	-0.745	-0.500	-0.429	-0.439
1301	13.00	-0.419	-0.301	-0.105	0.110	0.256	0.289	0.229	0.157	0.162	0.290
1311	13.10	0.507	0.700	0.729	0.492	-0.009	-0.648	-1.214	-1.488	-1.335	-0.770
1321	13.20	0.039	0.832	1.355	1.466	1.175	0.654	0.135	-0.181	-0.215	-0.030
1331	13.30	0.210	0.329	0.238	-0.023	-0.302	-0.416	-0.249	0.177	0.701	1.089
1341	13.40	1.140	0.784	0.119	-0.629	-1.200	-1.412	-1.239	-0.810	-0.350	-0.070
1351	13.50	-0.083	-0.358	-0.745	-1.054	-1.137	-0.947	-0.551	-0.085	0.307	0.529
1361	13.60	0.561	0.450	0.275	0.112	0.010	-0.009	0.056	0.189	0.383	0.606
1371	13.70	0.815	0.943	0.924	0.709	0.299	-0.242	-0.800	-1.231	-1.407	-1.253
1381	13.80	-0.775	-0.066	0.709	1.352	1.683	1.589	1.066	0.235	-0.678	-1.405
1391	13.90	-1.716	-1.501	-0.823	0.092	0.927	1.302	1.298	0.712	-0.142	-0.930
1401	14.00	-1.347	-1.240	-0.662	0.154	0.903	1.339	1.370	1.089	0.705	0.442
1411	14.10	0.426	0.631	0.901	1.030	0.867	0.386	-0.299	-0.988	-1.472	-1.618
1421	14.20	-1.407	-0.924	-0.320	0.252	0.672	0.877	0.859	0.654	0.331	-0.022
1431	14.30	-0.307	-0.448	-0.414	-0.247	-0.053	0.030	-0.109	-0.490	-1.015	-1.490
1441	14.40	-1.698	-1.495	-0.887	-0.046	0.743	1.194	1.132	0.573	-0.282	-1.116
1451	14.50	-1.622	-1.616	-1.100	-0.253	0.660	1.298	1.532	1.303	0.720	-0.010
1461	14.60	-0.648	-0.997	-0.953	-0.524	0.176	0.942	1.636	2.035	2.083	1.806
1471	14.70	1.317	0.775	0.329	0.065	-0.007	0.056	0.175	0.290	0.380	0.458
1481	14.80	0.537	0.595	0.567	0.372	-0.035	-0.612	-1.215	-1.631	-1.668	-1.242
1491	14.90	-0.442	0.484	1.213	1.476	1.171	0.414	-0.501	-1.221	-1.477	-1.191

Table 7-23-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1959 S715-GR-1-1 U-D (U-D) NAKATSU ES. MAX. ACC. = 57.697 (GAL) T= 4.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.504	0.277	0.839	0.929	0.536	-0.193	-0.987	-1.569	-1.763	-1.547
1511	15.10	-1.040	-0.440	0.042	0.345	0.383	0.236	-0.002	-0.243	-0.435	-0.562
1521	15.20	-0.624	-0.621	-0.532	-0.329	0.004	0.449	0.924	1.312	1.484	1.347
1531	15.30	0.890	0.197	-0.566	-1.201	-1.540	-1.507	-1.144	-0.593	-0.042	0.341
1541	15.40	0.471	0.374	0.167	0.004	0.010	0.231	0.616	1.040	1.358	1.461
1551	15.50	1.313	0.958	0.494	0.032	-0.341	-0.588	-0.715	-0.760	-0.761	-0.746
1561	15.60	-0.717	-0.662	-0.564	-0.407	-0.190	0.073	0.350	0.597	0.762	0.795
1571	15.70	0.671	0.400	0.038	-0.321	-0.572	-0.631	-0.475	-0.153	0.222	0.517
1581	15.80	0.627	0.519	0.249	-0.062	-0.271	-0.276	-0.055	0.326	0.737	1.038
1591	15.90	1.123	0.958	0.574	0.050	-0.519	-1.048	-1.471	-1.732	-1.784	-1.586
1601	16.00	-1.132	-0.457	0.333	1.073	1.566	1.737	1.486	0.815	0.207	-0.419
1611	16.10	-0.786	-0.823	-0.586	-0.230	0.067	0.173	0.055	-0.200	-0.465	-0.801
1621	16.20	-0.538	-0.296	0.037	0.336	0.508	0.528	0.444	0.343	0.316	0.406
1631	16.30	0.591	0.790	0.891	0.798	0.463	-0.086	-0.747	-1.365	-1.775	-1.850
1641	16.40	-1.543	-0.816	-0.127	0.411	1.094	1.200	0.958	0.445	-0.058	-0.358
1651	16.50	-0.334	-0.015	0.431	0.765	0.782	0.404	-0.277	-1.028	-1.571	-1.700
1661	16.60	-1.367	-0.701	0.043	0.594	0.760	0.590	0.176	-0.225	-0.396	-0.232
1671	16.70	0.205	0.729	1.103	1.144	0.799	0.166	-0.561	-1.073	-1.241	-0.976
1681	16.80	-0.353	0.436	1.155	1.587	1.607	1.205	0.485	-0.368	-1.146	-1.662
1691	16.90	-1.804	-1.554	-0.995	-0.286	0.379	0.826	0.955	0.774	0.403	0.037
1701	17.00	-0.121	0.056	0.562	1.243	1.830	2.084	1.811	1.036	-0.029	-1.046
1711	17.10	-1.676	-1.720	-1.201	-0.365	0.424	0.833	0.705	0.129	-0.606	-1.136
1721	17.20	-1.189	-0.710	0.120	0.963	1.483	1.486	1.016	0.308	-0.327	-0.639
1731	17.30	-0.558	-0.207	0.169	0.333	0.177	-0.238	-0.713	-1.020	-1.011	-0.684
1741	17.40	-0.185	0.274	0.516	0.460	0.162	-0.235	-0.570	-0.742	-0.736	-0.620
1751	17.50	-0.696	-0.451	-0.518	-0.674	-0.852	-0.974	-0.807	-0.473	-0.473	-0.002
1761	17.60	0.534	1.026	1.348	1.391	1.105	0.535	-0.171	-0.803	-1.152	-1.095
1771	17.70	-0.649	0.028	0.668	1.082	1.076	0.887	0.085	-0.474	-0.756	-0.838
1781	17.80	-0.144	0.552	1.223	1.662	1.764	1.545	1.113	0.618	0.182	-0.133
1791	17.90	-0.327	-0.427	-0.458	-0.409	-0.247	0.057	0.491	0.976	1.379	1.558
1801	18.00	1.118	0.958	0.267	-0.412	-0.943	-1.174	-1.081	-0.755	-0.357	-0.050
1811	18.10	0.065	-0.015	-0.210	-0.409	-0.520	-0.523	-0.463	-0.423	-0.469	-0.614
1821	18.20	-0.005	-0.552	-0.976	-0.850	-0.614	-0.358	-0.166	-0.089	-0.106	-0.148
1831	18.30	-0.134	-0.021	-0.170	0.361	0.473	0.439	0.272	0.044	-0.148	-0.232
1841	18.40	-0.196	-0.021	-0.021	-0.006	-0.160	-0.315	-0.389	-0.295	-0.002	-0.142
1851	18.50	0.815	1.021	0.934	0.562	0.028	-0.173	-0.760	-0.733	-0.422	-0.036
1861	18.60	0.449	0.654	0.581	0.276	-0.127	-0.162	-0.601	-0.515	-0.243	0.100
1871	18.70	0.396	0.568	0.602	0.542	0.461	0.423	0.458	0.553	0.664	0.736
1881	18.80	0.723	0.605	0.385	0.086	-0.242	-0.550	-0.775	-0.863	-0.787	-0.559
1891	18.90	-0.258	0.082	0.564	0.570	0.287	0.135	0.026	0.070	0.295	0.434
1901	19.00	0.937	1.035	0.818	0.299	-0.373	-0.944	-1.247	-1.104	-0.582	0.120
1911	19.10	0.724	1.002	0.849	0.549	-0.280	-0.770	-0.927	-0.903	-0.214	0.321
1921	19.20	0.673	0.704	0.415	-0.062	-0.531	-0.810	-0.806	-0.538	-0.121	0.292
1931	19.30	0.564	0.618	0.452	0.125	-0.275	-0.636	-0.947	-1.103	-1.110	-0.983
1941	19.40	-0.759	-0.496	-0.253	-0.096	-0.059	-0.146	-0.325	-0.533	-0.702	-0.771
1951	19.50	-0.710	-0.519	-0.229	0.109	0.439	0.713	0.893	0.960	0.915	0.776
1961	19.60	0.581	0.378	0.215	0.122	0.105	0.137	0.168	0.144	0.031	-0.168
1971	19.70	-0.606	-0.606	-0.688	-0.606	-0.387	-0.037	0.276	0.465	0.459	0.259
1981	19.80	-0.062	-0.581	-0.571	-0.547	-0.503	-0.090	0.500	0.790	0.862	0.692
1991	19.90	0.339	-0.075	-0.615	-0.574	-0.512	-0.266	0.065	0.356	0.498	0.434

Table 7-23-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1959 S715-GR-1-1 U-D (U-D) NAKATSU ES. MAX. ACC. = 57.697 (GAL) T= 4.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.181	-0.180	-0.526	-0.737	-0.732	-0.502	-0.112	0.317	0.653	0.796
2011	20.10	0.717	0.469	0.165	-0.069	-0.144	-0.045	0.162	0.363	0.446	0.354
2021	20.20	0.114	-0.177	-0.391	-0.424	-0.249	0.082	0.453	0.740	0.860	0.804
2031	20.30	0.634	0.445	0.326	0.307	0.369	0.442	0.468	0.361	0.122	0.161
2041	20.40	-0.432	-0.622	-0.694	-0.654	-0.565	-0.433	-0.377	-0.415	-0.548	-0.736
2051	20.50	-0.905	-0.969	-0.857	-0.537	-0.041	0.532	1.039	1.329	1.301	0.938
2061	20.60	0.326	-0.368	-0.950	-1.265	-1.267	-0.945	-0.500	-0.086	0.151	0.153
2071	20.70	-0.036	-0.290	-0.460	-0.431	-0.169	0.260	0.718	1.046	1.121	0.902
2081	20.80	0.446	-0.115	-0.614	-0.910	-0.952	-0.696	-0.300	0.121	0.439	0.573
2091	20.90	0.518	0.326	0.086	-0.118	-0.234	-0.254	-0.203	-0.116	-0.020	0.078
2101	21.00	0.184	0.301	0.412	0.483	0.475	0.365	0.167	-0.064	-0.246	-0.306
2111	21.10	-0.210	0.024	0.326	0.601	0.771	0.795	0.685	0.487	0.284	0.063
2121	21.20	-0.091	-0.197	-0.258	-0.271	-0.222	-0.094	0.115	0.380	0.647	0.848
2131	21.30	0.922	0.846	0.638	0.357	0.078	-0.133	-0.240	-0.248	-0.193	-0.128
2141	21.40	-0.101	-0.139	-0.241	-0.385	-0.529	-0.628	-0.646	-0.567	-0.405	-0.200
2151	21.50	-0.012	0.098	0.093	-0.024	-0.204	-0.372	-0.446	-0.383	-0.191	0.067
2161	21.60	0.294	0.405	0.356	0.169	-0.081	-0.298	-0.404	-0.371	-0.223	-0.019
2171	21.70	0.183	0.367	0.465	0.547	0.590	0.565	0.420	0.115	-0.345	-0.877
2181	21.80	-1.336	-1.556	-1.422	-0.928	-0.201	0.537	1.047	1.172	0.898	0.366
2191	21.90	-0.188	-0.530	-0.524	-0.186	0.330	0.803	1.042	0.962	0.610	0.130
2201	22.00	-0.307	-0.584	-0.676	-0.645	-0.593	-0.604	-0.696	-0.823	-0.900	-0.851
2211	22.10	-0.651	-0.335	0.018	0.329	0.545	0.656	0.692	0.684	0.653	0.598
2221	22.20	0.504	0.360	0.175	-0.017	-0.180	-0.288	-0.343	-0.375	-0.420	-0.497
2231	22.30	-0.588	-0.644	-0.603	-0.425	-0.120	0.245	0.566	0.737	0.693	0.432
2241	22.40	0.025	-0.415	-0.767	-0.942	-0.908	-0.694	-0.376	-0.051	0.198	0.322
2251	22.50	0.315	0.213	0.078	-0.029	-0.062	-0.009	0.107	0.246	0.362	0.431
2261	22.60	0.456	0.462	0.477	0.514	0.557	0.564	0.486	0.300	0.024	-0.277
2271	22.70	-0.515	-0.609	-0.539	-0.341	-0.100	0.083	0.143	0.075	-0.065	-0.191
2281	22.80	-0.233	-0.174	-0.059	0.029	0.013	-0.135	-0.373	-0.610	-0.747	-0.729
2291	22.90	-0.573	-0.361	-0.196	-0.152	-0.232	-0.366	-0.443	-0.373	-0.132	0.220
2301	23.00	0.560	0.765	0.765	0.584	0.324	0.119	0.067	0.185	0.399	0.578
2311	23.10	0.605	0.432	0.106	-0.247	-0.482	-0.501	-0.293	0.057	0.417	0.662
2321	23.20	0.732	0.549	0.497	0.378	0.359	0.448	0.597	0.733	0.800	0.779
2331	23.30	0.691	0.574	0.454	0.332	0.183	-0.013	-0.252	-0.496	-0.678	-0.742
2341	23.40	-0.666	-0.483	-0.264	-0.091	-0.015	-0.037	-0.115	-0.186	-0.215	-0.201
2351	23.50	-0.178	-0.186	-0.237	-0.300	-0.315	-0.230	-0.041	0.187	0.339	0.305
2361	23.60	0.041	-0.395	-0.852	-1.142	-1.122	-0.766	-0.174	0.445	0.877	0.983
2371	23.70	0.753	0.308	-0.159	-0.466	-0.515	-0.317	0.020	0.347	0.561	0.541
2381	23.80	0.358	0.057	-0.278	-0.569	-0.759	-0.815	-0.724	-0.500	-0.184	0.151
2391	23.90	0.415	0.529	0.460	0.239	-0.040	-0.255	-0.312	-0.187	0.061	0.307
2401	24.00	0.427	0.353	0.113	-0.185	-0.398	-0.424	-0.248	0.044	0.311	0.423
2411	24.10	0.323	0.059	-0.243	-0.437	-0.424	-0.202	0.143	0.474	0.668	0.666
2421	24.20	0.492	0.227	-0.027	-0.193	-0.245	-0.196	-0.079	0.079	0.265	0.475
2431	24.30	0.692	0.875	0.966	0.914	0.706	0.387	0.049	-0.198	-0.280	-0.190
2441	24.40	-0.001	0.167	0.196	0.029	-0.300	-0.679	-0.959	-1.019	-0.815	-0.400
2451	24.50	0.097	0.518	0.739	0.704	0.442	0.049	-0.354	-0.655	-0.788	-0.736
2461	24.60	-0.536	-0.257	0.013	0.194	0.228	0.098	-0.160	-0.464	-0.707	-0.787
2471	24.70	-0.647	-0.306	0.143	0.554	0.786	0.751	0.455	-0.006	-0.477	-0.809
2481	24.80	-0.932	-0.784	-0.505	-0.194	0.046	0.171	0.200	0.199	0.228	0.314
2491	24.90	0.429	0.507	0.487	0.345	0.117	-0.114	-0.255	-0.246	-0.087	0.160

Table 7-23-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1959 S715-GR-1-1 U-D (U-D) NAKATSU ES. MAX. ACC. = 57.697 (GAL) T= 4.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.401	0.548	0.551	0.425	0.227	0.026	-0.119	-0.187	-0.189	-0.153
2511	25.10	-0.105	-0.058	-0.012	0.036	0.079	0.097	0.067	-0.024	-0.161	-0.299
2521	25.20	-0.378	-0.349	-0.197	0.039	0.279	0.428	0.414	0.223	-0.088	-0.409
2531	25.30	-0.615	-0.608	-0.366	0.048	0.504	0.647	0.955	0.787	0.398	-0.023
2541	25.40	-0.456	-0.611	-0.678	-0.105	0.374	0.790	0.995	0.925	0.609	0.161
2551	25.50	-0.274	-0.573	-0.680	-0.613	-0.447	-0.276	-0.167	-0.144	-0.180	-0.225
2561	25.60	-0.232	-0.176	-0.059	0.090	0.239	0.357	0.425	0.427	0.354	0.200
2571	25.70	-0.026	-0.298	-0.564	-0.764	-0.847	-0.794	-0.632	-0.426	-0.253	-0.175
2581	25.80	-0.206	-0.311	-0.425	-0.482	-0.450	-0.341	-0.204	-0.092	-0.036	-0.022
2591	25.90	-0.003	0.073	0.230	0.445	0.645	0.746	0.687	0.470	0.162	-0.125
2601	26.00	-0.284	-0.258	-0.068	0.194	0.403	0.456	0.316	0.030	-0.282	-0.483
2611	26.10	-0.467	-0.207	0.233	0.722	1.106	1.267	1.165	0.853	0.453	0.107
2621	26.20	-0.070	-0.040	0.152	0.396	0.566	0.568	0.381	0.080	-0.265	-0.535
2631	26.30	-0.616	-0.521	-0.314	-0.099	0.023	-0.003	-0.166	-0.400	-0.617	-0.742
2641	26.40	-0.743	-0.642	-0.496	-0.366	-0.293	-0.276	-0.286	-0.269	-0.193	-0.047
2651	26.50	0.143	0.326	0.450	0.475	0.393	0.229	0.033	-0.137	-0.232	-0.228
2661	26.60	-0.132	0.017	0.163	0.251	0.242	0.137	-0.031	-0.200	-0.306	-0.309
2671	26.70	-0.207	-0.040	0.125	0.232	0.218	0.122	-0.012	-0.115	-0.130	-0.041
2681	26.80	0.115	0.266	0.325	0.242	0.011	-0.319	-0.662	-0.924	-1.040	-0.985
2691	26.90	-0.784	-0.489	-0.163	0.140	0.388	0.564	0.665	0.688	0.638	0.521
2701	27.00	0.360	0.190	0.054	-0.010	0.013	0.106	0.223	0.306	0.308	0.215
2711	27.10	0.054	-0.114	-0.222	-0.229	-0.136	0.008	0.128	0.162	0.085	-0.071
2721	27.20	-0.232	-0.315	-0.268	-0.095	0.145	0.361	0.475	0.456	0.333	0.173
2731	27.30	0.048	-0.007	-0.010	-0.018	0.090	-0.245	-0.462	-0.593	-0.608	-0.495
2741	27.40	-0.098	0.246	0.516	0.569	0.345	-0.007	-0.348	-0.519	-0.437	-0.135
2751	27.50	0.248	0.532	0.575	0.342	-0.086	-0.539	-0.843	-0.889	-0.676	-0.307
2761	27.60	0.064	0.303	0.344	0.213	-0.003	-0.195	-0.285	-0.250	-0.123	0.034
2771	27.70	0.159	0.217	0.201	0.129	0.030	-0.068	-0.142	-0.176	-0.159	-0.089
2781	27.80	0.025	0.159	0.270	0.350	0.359	0.309	0.225	0.161	0.082	0.056
2791	27.90	0.046	0.039	0.021	-0.002	-0.007	0.032	0.127	0.266	0.417	0.540
2801	28.00	0.609	0.625	0.609	0.584	0.599	0.618	0.622	0.578	0.466	0.297
2811	28.10	0.113	-0.038	-0.119	-0.125	-0.085	-0.042	-0.032	-0.063	-0.115	-0.153
2821	28.20	-0.155	-0.120	-0.077	-0.041	-0.091	-0.157	-0.214	-0.214	-0.127	0.034
2831	28.30	0.213	0.338	0.356	0.257	0.091	-0.067	-0.146	-0.120	-0.020	0.084
2841	28.40	0.119	0.048	-0.107	-0.279	-0.384	-0.370	-0.239	-0.049	0.116	0.186
2851	28.50	0.143	0.025	-0.093	-0.138	-0.078	0.065	0.223	0.317	0.295	0.154
2861	28.60	-0.058	-0.257	-0.380	-0.388	-0.266	-0.157	-0.039	0.001	-0.066	-0.231
2871	28.70	-0.457	-0.691	-0.879	-0.983	-0.814	-0.857	-0.856	-0.656	-0.241	-0.086
2881	28.80	-0.015	-0.034	-0.116	-0.214	-0.229	-0.219	-0.211	-0.099	0.014	0.089
2891	28.90	0.103	0.059	-0.022	-0.111	-0.182	-0.226	-0.243	-0.235	-0.201	-0.131
2901	29.00	-0.016	0.139	0.311	0.456	0.524	0.485	0.347	0.159	-0.002	-0.060
2911	29.10	0.021	0.217	0.449	0.609	0.607	0.416	0.077	-0.291	-0.556	-0.616
2921	29.20	-0.448	-0.114	0.257	0.526	0.594	0.462	0.134	-0.212	-0.471	-0.563
2931	29.30	-0.474	-0.253	0.013	0.239	0.370	0.391	0.322	0.196	0.039	-0.129
2941	29.40	-0.299	-0.457	-0.580	-0.637	-0.603	-0.474	-0.278	-0.045	0.108	0.200
2951	29.50	0.203	0.166	0.079	0.051	0.084	0.167	0.260	0.315	0.302	0.220
2961	29.60	0.103	-0.002	-0.050	-0.021	0.071	0.184	0.267	0.281	0.211	0.075
2971	29.70	-0.081	-0.205	-0.269	-0.193	-0.049	0.142	0.319	0.421	0.409	0.284
2981	29.80	0.085	-0.119	-0.252	-0.261	-0.161	0.069	0.291	0.445	0.477	0.383
2991	29.90	0.208	0.027	-0.093	-0.121	-0.070	0.006	0.046	0.010	-0.098	-0.230

Table 7-23-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1959 S715-GR-1-1 U-D (U-D) NAKATSU ES. MAX. ACC. = 57.697 (GAL) T= 4.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.328	-0.340	-0.250	-0.081	0.115	0.288	0.406	0.467	0.489	0.489
3011	30.10	0.468	0.405	0.272	0.054	-0.229	-0.523	-0.752	-0.847	-0.780	-0.573
3021	30.20	-0.292	-0.021	0.172	0.256	0.247	0.190	0.129	0.093	0.077	0.059
3031	30.30	0.013	-0.069	-0.171	-0.260	-0.300	-0.276	-0.197	-0.094	0.003	0.073
3041	30.40	0.123	0.174	0.252	0.367	0.500	0.609	0.647	0.580	0.411	0.176
3051	30.50	-0.070	-0.257	-0.344	-0.320	-0.205	-0.039	0.135	0.282	0.380	0.419
3061	30.60	0.396	0.316	0.187	0.036	-0.103	-0.184	-0.174	-0.065	0.111	0.289
3071	30.70	0.389	0.353	0.171	-0.108	-0.385	-0.551	-0.533	-0.328	-0.008	0.302
3081	30.80	0.477	0.443	0.211	-0.130	-0.447	-0.621	-0.596	-0.404	-0.144	0.059
3091	30.90	0.112	-0.005	-0.237	-0.478	-0.620	-0.602	-0.431	-0.175	0.066	0.208
3101	31.00	0.212	0.099	-0.069	-0.214	-0.276	-0.236	-0.112	0.048	0.188	0.263
3111	31.10	0.252	0.163	0.021	-0.132	-0.253	-0.308	-0.282	-0.185	-0.049	0.076
3121	31.20	0.146	0.136	0.055	-0.057	-0.142	-0.148	-0.054	0.116	0.305	0.444
3131	31.30	0.479	0.401	0.242	0.066	-0.062	-0.105	-0.065	0.020	0.095	0.120
3141	31.40	0.080	-0.007	-0.106	-0.180	-0.210	-0.195	-0.147	-0.077	0.013	0.130
3151	31.50	0.282	0.461	0.661	0.782	0.846	0.817	0.706	0.556	0.417	0.327
3161	31.60	0.291	0.279	0.243	0.140	-0.043	-0.277	-0.501	-0.649	-0.677	-0.586
3171	31.70	-0.422	-0.261	-0.171	-0.186	-0.290	-0.418	-0.490	-0.439	-0.249	0.010
3181	31.80	0.342	0.554	0.601	0.460	0.176	-0.163	-0.448	-0.600	-0.598	-0.481
3191	31.90	-0.331	-0.238	-0.261	-0.401	-0.606	-0.792	-0.881	-0.835	-0.666	-0.432
3201	32.00	-0.206	-0.044	0.036	0.053	0.051	0.067	0.112	0.165	0.181	0.160
3211	32.10	0.075	-0.028	-0.092	-0.069	0.054	0.240	0.413	0.488	0.411	0.180
3221	32.20	-0.141	-0.450	-0.643	-0.651	-0.468	-0.152	0.195	0.466	0.577	0.509
3231	32.30	0.293	0.011	-0.240	-0.374	-0.344	-0.153	0.144	0.462	0.712	0.828
3241	32.40	0.788	0.621	0.394	0.184	0.055	0.028	0.083	0.166	0.217	0.197
3251	32.50	0.101	-0.043	-0.189	-0.298	-0.352	-0.357	-0.330	-0.286	-0.223	-0.126
3261	32.60	0.015	0.196	0.379	0.511	0.561	0.448	0.265	0.061	-0.078	-0.096
3271	32.70	0.007	0.168	0.287	0.276	0.103	-0.188	-0.492	-0.692	-0.705	-0.530
3281	32.80	-0.259	0.047	0.219	0.225	0.090	-0.101	-0.243	-0.266	-0.161	0.022
3291	32.90	0.200	0.303	0.300	0.214	0.095	0.000	-0.042	-0.037	-0.015	-0.010
3301	33.00	-0.036	-0.082	-0.121	-0.126	-0.088	-0.021	0.047	0.091	0.101	0.089
3311	33.10	0.076	0.081	0.108	0.143	0.165	0.156	0.120	0.075	0.050	0.062
3321	33.20	0.110	0.172	0.212	0.204	0.139	0.033	-0.083	-0.176	-0.227	-0.235
3331	33.30	-0.209	-0.165	-0.111	-0.045	0.035	0.130	0.227	0.305	0.341	0.324
3341	33.40	0.262	0.178	0.103	0.062	0.066	0.108	0.171	0.237	0.293	0.336
3351	33.50	0.363	0.368	0.343	0.281	0.178	0.046	-0.088	-0.207	-0.295	-0.357
3361	33.60	-0.408	-0.465	-0.528	-0.575	-0.570	-0.481	-0.306	-0.087	0.104	0.190
3371	33.70	0.132	-0.049	-0.269	-0.417	-0.403	-0.207	0.104	0.402	0.547	0.457
3381	33.80	0.143	-0.289	-0.686	-0.908	-0.894	-0.678	-0.368	-0.093	0.056	0.066
3391	33.90	-0.005	-0.068	-0.050	0.066	0.234	0.374	0.417	0.341	0.179	0.002
3401	34.00	-0.119	-0.146	-0.091	-0.002	0.067	0.082	0.044	-0.017	-0.069	-0.095
3411	34.10	-0.107	-0.128	-0.177	-0.249	-0.310	-0.317	-0.241	-0.092	0.081	0.209
3421	34.20	0.236	0.148	-0.016	-0.182	-0.276	-0.255	-0.136	0.031	0.166	0.219
3431	34.30	0.184	0.097	0.014	-0.019	0.009	0.071	0.123	0.131	0.094	0.046
3441	34.40	0.036	0.098	0.231	0.394	0.524	0.569	0.513	0.382	0.230	0.111
3451	34.50	0.050	0.035	0.029	-0.003	-0.069	-0.142	-0.175	-0.129	-0.002	0.158
3461	34.60	0.274	0.277	0.161	-0.095	-0.340	-0.489	-0.474	-0.293	-0.019	0.234
3471	34.70	0.363	0.321	0.137	-0.099	-0.279	-0.327	-0.227	-0.033	0.166	0.286
3481	34.80	0.283	0.172	0.012	-0.126	-0.187	-0.162	-0.079	0.010	0.054	0.027
3491	34.90	-0.064	-0.185	-0.289	-0.333	-0.290	-0.162	0.027	0.232	0.397	0.474

Table 7-23-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1959 S715-GR-1-1 U-D (U-D) NAKATSU ES. MAX. ACC. = 57.697 (GAL) T= 4.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.436	0.290	0.082	-0.118	-0.238	-0.236	-0.117	0.060	0.209	0.253
3511	35.10	0.158	-0.046	-0.273	-0.422	-0.423	-0.270	-0.025	0.209	0.336	0.315
3521	35.20	0.179	0.017	-0.069	-0.022	0.148	0.361	0.509	0.507	0.335	0.050
3531	35.30	-0.246	-0.446	-0.493	-0.395	-0.218	-0.047	0.053	0.069	0.030	-0.011
3541	35.40	-0.011	0.035	0.101	0.182	0.125	0.049	-0.057	-0.148	-0.186	-0.159
3551	35.50	-0.087	-0.006	0.048	0.055	0.016	-0.053	-0.138	-0.227	-0.316	-0.402
3561	35.60	-0.470	-0.501	-0.472	-0.375	-0.222	-0.048	0.105	0.203	0.236	0.216
3571	35.70	0.170	0.119	0.069	0.007	-0.081	-0.192	-0.299	-0.351	-0.303	-0.140
3581	35.80	0.100	0.338	0.478	0.455	0.265	-0.023	-0.298	-0.448	-0.411	-0.199
3591	35.90	0.109	0.401	0.586	0.625	0.540	0.396	0.262	0.177	0.144	0.135
3601	36.00	0.122	0.096	0.072	0.081	0.140	0.236	0.326	0.356	0.289	0.132
3611	36.10	-0.066	-0.232	-0.305	-0.270	-0.159	-0.041	0.014	-0.021	-0.137	-0.268
3621	36.20	-0.332	-0.313	-0.213	-0.070	-0.020	-0.059	-0.208	-0.414	-0.594	-0.670
3631	36.30	-0.605	-0.421	-0.183	0.029	0.155	0.175	0.115	0.025	-0.048	-0.074
3641	36.40	-0.054	-0.004	0.052	0.103	0.146	0.187	0.228	0.262	0.276	0.260
3651	36.50	0.215	0.159	0.116	0.108	0.137	0.185	0.218	0.203	0.127	0.004
3661	36.60	-0.125	-0.216	-0.234	-0.173	-0.057	0.074	0.179	0.234	0.240	0.218
3671	36.70	0.192	0.184	0.196	0.222	0.246	0.259	0.255	0.239	0.212	0.175
3681	36.80	0.122	0.051	-0.032	-0.112	-0.165	-0.173	-0.130	-0.047	0.046	0.117
3691	36.90	0.144	0.126	0.079	0.031	0.006	0.010	0.037	0.088	0.088	0.093
3701	37.00	0.090	0.091	0.099	0.103	0.086	0.028	-0.070	-0.189	-0.291	-0.340
3711	37.10	-0.322	-0.255	-0.183	-0.159	-0.212	-0.333	-0.473	-0.565	-0.556	-0.437
3721	37.20	-0.246	-0.057	0.059	0.065	-0.023	-0.149	-0.245	-0.269	-0.225	-0.163
3731	37.30	-0.146	-0.214	-0.362	-0.532	-0.647	-0.645	-0.516	-0.308	-0.103	0.018
3741	37.40	0.018	-0.081	-0.210	-0.292	-0.275	-0.161	0.004	0.156	0.248	0.277
3751	37.50	0.282	0.313	0.308	0.292	0.259	0.206	0.133	0.061	0.030	0.110
3761	37.60	-0.025	-0.062	0.041	0.167	0.270	0.310	0.284	0.214	0.174	0.157
3771	37.70	0.168	0.180	0.159	0.093	0.003	-0.070	-0.083	-0.021	0.099	0.228
3781	37.80	0.315	0.330	0.281	0.205	0.149	0.137	0.161	0.182	0.154	0.053
3791	37.90	-0.105	-0.268	-0.374	-0.380	-0.289	-0.149	-0.028	0.015	-0.039	-0.157
3801	38.00	-0.276	-0.335	-0.300	-0.184	-0.035	0.088	0.147	0.137	0.086	0.032
3811	38.10	-0.001	-0.016	-0.039	-0.100	-0.206	-0.335	-0.439	-0.465	-0.390	-0.228
3821	38.20	0.033	0.124	0.189	0.133	0.012	-0.150	-0.289	-0.344	-0.264	-0.327
3831	38.30	-0.270	-0.211	-0.153	-0.086	-0.002	0.092	0.172	0.214	0.206	0.159
3841	38.40	0.111	0.105	0.146	0.286	0.422	0.513	0.505	0.388	0.194	-0.007
3851	38.50	-0.140	-0.158	-0.064	0.091	0.235	0.305	0.277	0.176	0.059	-0.012
3861	38.60	-0.001	0.084	0.198	0.279	0.281	0.192	0.044	-0.104	-0.191	-0.178
3871	38.70	-0.085	0.110	0.294	0.431	0.493	0.479	0.413	0.331	0.259	0.207
3881	38.80	0.168	0.113	0.032	-0.081	-0.209	-0.318	-0.375	-0.361	-0.282	-0.174
3891	38.90	-0.083	-0.053	-0.105	-0.224	-0.366	-0.473	-0.500	-0.435	-0.303	-0.160
3901	39.00	-0.066	-0.059	-0.140	-0.270	-0.390	-0.450	-0.427	-0.339	-0.229	-0.147
3911	39.10	-0.119	-0.136	-0.161	-0.151	-0.078	0.047	0.182	0.270	0.268	0.171
3921	39.20	0.015	-0.137	-0.222	-0.208	-0.102	0.050	0.188	0.268	0.278	0.238
3931	39.30	0.186	0.158	0.163	0.187	0.201	0.179	0.117	0.036	-0.030	-0.052
3941	39.40	-0.021	0.043	0.102	0.118	0.075	-0.015	-0.116	-0.184	-0.188	-0.120
3951	39.50	-0.004	0.123	0.226	0.284	0.299	0.286	0.269	0.260	0.263	0.265
3961	39.60	0.254	0.220	0.162	0.087	0.006	-0.070	-0.135	-0.187	-0.224	-0.247
3971	39.70	-0.256	-0.261	-0.264	-0.276	-0.301	-0.334	-0.360	-0.356	-0.304	-0.198
3981	39.80	-0.055	0.093	0.207	0.256	0.232	0.152	0.050	-0.040	-0.096	-0.119
3991	39.90	-0.129	-0.149	-0.193	-0.255	-0.310	-0.330	-0.296	-0.212	-0.101	0.002

Table 7-23-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1959 3715-GR-1-1 U-D (U-D) NAKATSU E8. MAX. ACC. = 57.697 (GAL) T= 4.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.070	0.096	0.094	0.086	0.093	0.116	0.135	0.123	0.061	-0.047
4011	40.10	-0.170	-0.266	-0.291	-0.239	-0.134	-0.023	0.041	0.030	-0.047	-0.143
4021	40.20	-0.197	-0.163	-0.029	0.171	0.376	0.512	0.541	0.457	0.294	0.110
4031	40.30	-0.039	-0.119	-0.120	-0.057	0.043	0.155	0.250	0.336	0.374	0.362
4041	40.40	0.292	0.172	0.028	-0.101	-0.171	-0.152	-0.043	0.126	0.309	0.448
4051	40.50	0.509	0.487	0.405	0.302	0.210	0.144	0.099	0.056	-0.002	-0.077
4061	40.60	-0.158	-0.225	-0.261	-0.261	-0.236	-0.202	-0.175	-0.156	-0.138	-0.107
4071	40.70	-0.069	-0.003	0.043	0.058	0.031	-0.031	-0.107	-0.170	-0.204	-0.208
4081	40.80	-0.194	-0.181	-0.177	-0.178	-0.166	-0.131	-0.069	-0.001	0.041	0.032
4091	40.90	-0.033	-0.130	-0.212	-0.237	-0.188	-0.083	0.030	0.095	0.081	-0.003
4101	41.00	-0.112	-0.181	-0.165	-0.059	0.097	0.243	0.325	0.327	0.277	0.230
4111	41.10	0.236	0.307	0.414	0.493	0.485	0.368	0.171	-0.037	-0.102	-0.221
4121	41.20	-0.164	-0.069	-0.009	-0.032	-0.136	-0.270	-0.360	-0.349	-0.231	-0.049
4131	41.30	0.119	0.206	0.187	0.090	-0.021	-0.080	-0.051	0.050	0.175	0.264
4141	41.40	0.283	0.236	0.163	0.109	0.099	0.123	0.143	0.118	0.029	-0.102
4151	41.50	-0.222	-0.273	-0.223	-0.084	0.089	0.224	0.261	0.183	0.016	-0.182
4161	41.60	-0.351	-0.454	-0.486	-0.469	-0.432	-0.304	-0.358	-0.312	-0.248	-0.169
4171	41.70	-0.096	-0.054	-0.060	-0.113	-0.191	-0.261	-0.296	-0.284	-0.233	-0.162
4181	41.80	-0.091	-0.027	0.029	0.086	0.135	0.172	0.175	0.135	0.056	-0.028
4191	41.90	-0.084	-0.078	-0.005	0.110	0.218	0.272	0.251	0.171	0.080	0.035
4201	42.00	0.069	0.174	0.303	0.390	0.387	0.286	0.129	-0.014	-0.060	-0.042
4211	42.10	0.077	0.212	0.292	0.271	0.154	-0.011	-0.157	-0.229	-0.212	-0.135
4221	42.20	-0.049	-0.003	-0.013	-0.056	-0.089	-0.068	0.018	0.145	0.258	0.306
4231	42.30	0.257	0.130	-0.023	-0.143	-0.182	-0.133	-0.029	0.077	0.133	0.112
4241	42.40	0.024	-0.096	-0.197	-0.253	-0.253	-0.212	-0.154	-0.104	-0.074	-0.062
4251	42.50	-0.059	-0.059	-0.062	-0.071	-0.093	-0.129	-0.175	-0.217	-0.244	-0.247
4261	42.60	-0.223	-0.175	-0.109	-0.036	0.034	0.087	0.108	0.089	0.027	-0.061
4271	42.70	-0.146	-0.193	-0.175	-0.088	0.046	0.181	0.271	0.288	0.236	0.152
4281	42.80	0.087	0.085	0.154	0.270	0.380	0.435	0.410	0.317	0.196	0.093
4291	42.90	0.033	0.008	-0.018	-0.084	-0.206	-0.360	-0.490	-0.537	-0.467	-0.300
4301	43.00	-0.099	0.054	0.103	0.061	-0.078	-0.172	-0.170	-0.052	0.140	0.320
4311	43.10	0.403	0.350	0.188	0.002	-0.113	-0.097	0.043	0.233	0.374	0.388
4321	43.20	0.259	0.043	-0.162	-0.262	-0.215	-0.051	0.150	0.297	0.333	0.261
4331	43.30	0.139	0.062	0.023	0.087	0.190	0.263	0.255	0.155	0.001	-0.145
4341	43.40	-0.225	-0.213	-0.127	-0.014	0.078	0.116	0.098	0.041	-0.034	-0.114
4351	43.50	-0.202	-0.300	-0.403	-0.486	-0.517	-0.468	-0.337	-0.158	0.016	0.130
4361	43.60	0.155	0.106	0.029	-0.018	0.001	0.083	0.191	0.271	0.285	0.231
4371	43.70	0.144	0.076	0.065	0.113	0.185	0.227	0.201	0.104	-0.024	-0.123
4381	43.80	-0.142	-0.070	0.058	0.178	0.230	0.189	0.081	-0.035	-0.097	-0.073
4391	43.90	0.024	0.141	0.214	0.207	0.126	0.014	-0.070	-0.090	-0.048	0.013
4401	44.00	0.037	-0.013	-0.130	-0.266	-0.352	-0.333	-0.201	0.001	0.201	0.328
4411	44.10	0.347	0.275	0.189	0.094	0.091	0.156	0.243	0.293	0.260	0.140
4421	44.20	-0.028	-0.181	-0.262	-0.244	-0.148	-0.025	0.060	0.065	-0.018	-0.162
4431	44.30	-0.314	-0.422	-0.455	-0.412	-0.317	-0.210	-0.125	-0.083	-0.084	-0.111
4441	44.40	-0.144	-0.162	-0.160	-0.141	-0.121	-0.117	-0.137	-0.181	-0.234	-0.274
4451	44.50	-0.281	-0.248	-0.184	-0.113	-0.062	-0.052	-0.082	-0.130	-0.158	-0.134
4461	44.60	-0.044	0.096	0.247	0.358	0.394	0.350	0.254	0.156	0.093	0.090
4471	44.70	0.131	0.172	0.170	0.103	-0.011	-0.123	-0.172	-0.117	0.039	0.246
4481	44.80	0.425	0.505	0.449	0.278	0.056	-0.136	-0.235	-0.224	-0.131	-0.019
4491	44.90	0.052	0.051	-0.014	-0.102	-0.166	-0.175	-0.131	-0.065	-0.017	-0.019

Table 7-23-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1959 3715-GR-1-1 U-D (U-D) NAKATSU E8. MAX. ACC. = 57.697 (GAL) T= 4.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.073	-0.155	-0.227	-0.256	-0.231	-0.164	-0.082	-0.015	0.021	0.024
4511	45.10	0.002	-0.035	-0.084	-0.146	-0.218	-0.287	-0.327	-0.310	-0.221	-0.070
4521	45.20	0.102	0.235	0.276	0.203	0.033	-0.175	-0.351	-0.435	-0.410	-0.298
4531	45.30	-0.151	-0.024	0.048	0.063	0.041	0.014	-0.002	-0.006	-0.008	-0.017
4541	45.40	-0.023	-0.001	0.079	0.225	0.415	0.590	0.682	0.648	0.479	0.234
4551	45.50	-0.003	-0.151	-0.170	-0.079	0.057	0.161	0.183	0.125	0.038	-0.011
4561	45.60	0.024	0.135	0.266	0.338	0.297	0.144	-0.058	-0.214	-0.241	-0.126
4571	45.70	0.092	0.312	0.434	0.409	0.257	0.061	-0.079	-0.100	-0.007	0.130
4581	45.80	0.212	0.169	-0.005	-0.240	-0.428	-0.472	-0.339	-0.077	0.208	0.300
4591	45.90	0.428	0.295	0.076	-0.124	-0.216	-0.173	-0.030	0.135	0.244	0.259
4601	46.00	0.191	0.094	0.027	0.026	0.081	0.149	0.178	0.134	0.021	-0.123
4611	46.10	-0.213	-0.294	-0.347	-0.182	-0.085	-0.020	-0.015	-0.088	-0.155	-0.242
4621	46.20	-0.298	-0.305	-0.265	-0.189	-0.096	-0.046	0.109	0.118	0.096	0.096
4631	46.30	0.069	-0.008	-0.063	-0.103	-0.124	-0.124	-0.106	-0.073	-0.025	0.037
4641	46.40	0.109	0.179	0.230	0.243	0.213	0.148	0.077	0.033	0.043	0.113
4651	46.50	0.218	0.316	0.355	0.316	0.201	0.068	-0.102	-0.201	-0.241	-0.234
4661	46.60	-0.215	-0.210	-0.228	-0.250	-0.249	-0.207	-0.131	-0.055	-0.024	-0.068
4671	46.70	-0.181	-0.317	-0.408	-0.399	-0.277	-0.079	0.116	0.231	0.221	0.103
4681	46.80	-0.059	-0.177	-0.191	-0.093	0.067	0.209	0.260	0.197	0.055	-0.093
4691	46.90	-0.169	-0.134	-0.004	0.157	0.269	0.277	0.178	0.016	-0.137	-0.221
4701	47.00	-0.212	-0.131	-0.028	0.069	0.072	0.050	0.011	-0.012	-0.003	0.034
4711	47.10	0.077	0.107	0.119	0.125	0.142	0.182	0.234	0.277	0.283	0.242
4721	47.20	0.165	0.088	0.046	0.059	0.118	0.186	0.219	0.191	0.105	-0.002
4731	47.30	-0.082	-0.099	-0.048	0.048	0.139	0.192	0.196	0.171	0.154	0.171
4741	47.40	0.232	0.278	0.298	0.255	0.155	0.041	-0.028	-0.011	0.090	0.228
4751	47.50	0.326	0.316	0.253	-0.053	-0.293	-0.454	-0.486	-0.390	-0.230	-0.087
4761	47.60	-0.028	-0.066	-0.103	-0.253	-0.280	-0.229	-0.133	-0.055	-0.048	-0.122
4771	47.70	-0.240	-0.334	-0.345	-0.256	-0.104	0.027	0.057	-0.051	-0.272	-0.525
4781	47.80	-0.713	-0.763	-0.666	-0.473	-0.269	-0.134	-0.105	-0.165	-0.254	-0.319
4791	47.90	-0.326	-0.284	-0.230	-0.205	-0.223	-0.265	-0.287	-0.250	-0.138	0.020
4801	48.00	0.174	0.269	0.278	0.207	0.103	0.014	-0.031	-0.034	-0.026	-0.040
4811	48.10	-0.091	-0.164	-0.215	-0.200	-0.100	0.049	0.253	0.388	0.429	0.371
4821	48.20	0.250	0.128	0.055	0.067	0.155	0.283	0.480	0.480	0.489	0.529
4831	48.30	0.309	0.145	-0.043	-0.225	-0.365	-0.425	-0.379	-0.229	-0.015	0.194
4841	48.40	0.326	0.333	0.215	0.023	-0.162	-0.268	-0.253	-0.142	0.005	0.177
4851	48.50	0.150	0.106	0.033	-0.010	0.021	0.120	0.240	0.316	0.298	0.182
4861	48.60	0.013	-0.137	-0.205	-0.168	-0.051	0.086	0.182	0.207	0.172	0.118
4871	48.70	0.092	0.115	0.170	0.211	0.188	0.081	-0.091	-0.271	-0.393	-0.414
4881	48.80	-0.020	-0.092	-0.002	0.133	0.208	0.227	0.215	0.194	0.178	0.156
4891	48.90	0.118	0.061	-0.001	-0.039	-0.027	0.041	0.146	0.246	0.296	0.273
4901	49.00	0.184	0.066	-0.032	-0.089	-0.036	0.047	0.142	0.211	0.237	0.228
4911	49.10	0.205	0.196	0.210	0.243	0.278	0.297	0.297	0.287	0.281	0.287
4921	49.20	0.299	0.296	0.253	0.156	0.014	-0.144	-0.280	-0.364	-0.388	-0.366
4931	49.30	-0.328	-0.297	-0.277	-0.254	-0.202	-0.103	0.033	0.175	0.272	0.287
4941	49.40	0.210	0.070	-0.028	-0.175	-0.188	-0.124	-0.027	0.085	0.047	-0.029
4951	49.50	-0.152	-0.265	-0.320	-0.296	-0.212	-0.120	-0.071	-0.096	-0.183	-0.287
4961	49.60	-0.352	-0.336	-0.237	-0.091	0.045	0.117	0.101	0.012	-0.106	-0.202
4971	49.70	-0.243	-0.223	-0.162	-0.093	-0.040	-0.008	0.015	0.043	0.083	0.122
4981	49.80	0.135	0.098	0.007	-0.117	-0.231	-0.289	-0.259	-0.163	0.026	0.195
4991	49.90	0.314	0.355	0.318	0.228	0.124	0.038	-0.010	-0.014	0.021	0.087

Table 7-23-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1959 3715-GR-1-1 U-D (U-D) NAKATSU ES. MAX. ACC. = 57.697 (GAL) T= 6.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.176	0.278	0.376	0.443	0.458	0.402	0.279	0.113	-0.056	-0.183
5011	50.10	-0.238	-0.219	-0.147	-0.061	0.002	0.019	-0.011	-0.074	-0.149	-0.217
5021	50.20	-0.268	-0.301	-0.316	-0.309	-0.278	-0.226	-0.161	-0.103	-0.072	-0.082
5031	50.30	-0.124	-0.172	-0.192	-0.158	-0.071	0.039	0.123	0.132	0.047	-0.112
5041	50.40	-0.289	-0.420	-0.453	-0.382	-0.241	-0.091	0.009	0.032	-0.008	-0.066
5051	50.50	-0.089	-0.069	0.046	0.150	0.214	0.202	0.119	0.005	-0.080	-0.089
5061	50.60	-0.010	0.126	0.258	0.325	0.294	0.172	0.008	-0.133	-0.200	-0.173
5071	50.70	-0.075	0.048	0.143	0.176	0.143	0.067	-0.015	-0.067	-0.070	-0.028
5081	50.80	0.043	0.121	0.191	0.245	0.283	0.304	0.314	0.302	0.266	0.207
5091	50.90	0.135	0.067	0.023	0.018	0.053	0.114	0.177	0.213	0.203	0.142
5101	51.00	0.043	-0.070	-0.170	-0.238	-0.271	-0.277	-0.273	-0.270	-0.274	-0.274
5111	51.10	-0.254	-0.199	-0.107	0.007	0.111	0.170	0.159	0.077	-0.050	-0.176
5121	51.20	-0.251	-0.241	-0.145	0.013	0.176	0.289	0.316	0.254	0.133	0.001
5131	51.30	-0.090	-0.113	-0.070	0.009	0.081	0.109	0.079	0.096	-0.085	-0.153
5141	51.40	-0.177	-0.158	-0.112	-0.063	-0.030	-0.014	-0.002	0.024	0.076	0.141
5151	51.50	0.199	0.220	0.182	0.089	-0.030	-0.133	-0.183	-0.167	-0.059	-0.022
5161	51.60	0.023	0.006	-0.065	-0.156	-0.216	-0.205	-0.111	0.039	0.195	0.304
5171	51.70	0.332	0.280	0.179	0.077	0.013	0.000	0.027	0.065	0.085	0.077
5181	51.80	0.048	0.020	0.010	0.023	0.044	0.045	0.006	-0.074	-0.175	-0.259
5191	51.90	-0.292	-0.258	-0.161	-0.043	0.056	0.105	0.095	0.045	-0.014	-0.051

Table 7-24-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1960 S715-GR-1-1 HB. (HB.) NAKATSU ES. MAX. ACC. = -70.279 (GAL) T= 4.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	3.015	6.324	8.089	7.575	5.100	1.918	-0.395	-0.739	0.921	3.507
11	0.10	5.370	5.142	2.490	-1.661	-5.556	-7.463	-6.576	-3.413	0.431	3.088
21	0.20	3.358	1.289	-1.899	-4.698	-5.237	-3.947	-1.615	0.203	0.278	-1.577
31	0.30	-4.353	-6.571	-6.166	-5.403	1.047	5.321	7.562	6.826	3.552	-0.668
41	0.40	-3.864	-4.660	-2.900	0.385	3.371	4.711	3.839	1.352	-1.414	-3.107
51	0.50	-3.033	-1.451	0.644	2.078	2.101	0.726	-1.358	-3.173	-3.967	-3.529
61	0.60	-2.215	-0.683	0.472	0.985	0.970	0.755	0.635	0.691	0.762	0.580
71	0.70	-0.045	-1.091	-2.320	-3.388	-4.003	-4.037	-3.556	-2.731	-1.767	-0.801
81	0.80	0.107	0.935	1.665	2.251	2.661	2.811	2.795	2.678	2.569	2.553
91	0.90	2.664	2.875	3.113	3.280	3.267	2.973	2.340	1.387	0.243	-0.850
101	1.00	-1.606	-1.803	-1.410	-0.662	0.090	0.350	-0.110	-1.189	-2.447	-3.281
111	1.10	-3.219	-2.173	-0.526	1.033	1.834	1.568	0.462	-0.822	-1.526	-1.203
121	1.20	0.029	1.522	2.422	2.123	0.607	-1.518	-3.306	-3.958	-3.235	-1.593
131	1.30	0.056	0.815	0.283	-1.232	-2.863	-3.636	-2.984	-1.023	1.496	3.593
141	1.40	4.559	4.291	3.300	2.379	2.131	2.626	3.371	3.592	2.719	0.730
151	1.50	-1.785	-3.904	-4.844	-4.358	-2.848	-1.127	0.021	0.251	-0.201	-0.716
161	1.60	-0.700	0.027	1.096	1.805	1.540	0.190	-1.721	-3.257	-3.564	-2.338
171	1.70	-0.036	2.331	3.707	3.541	2.071	0.193	-1.044	-0.999	0.170	1.624
181	1.80	2.299	1.536	-0.511	-2.900	-4.371	-4.025	-1.633	1.292	3.924	4.831
191	1.90	3.609	0.887	-1.976	-3.567	-3.128	-0.893	2.054	4.341	4.990	3.845
201	2.00	1.573	-0.745	-2.189	-2.419	-1.738	-0.820	-0.266	-0.278	-0.632	-0.900
211	2.10	-0.800	-0.416	-0.147	-0.425	-1.372	-2.662	-3.547	-3.426	-2.056	0.170
221	2.20	2.368	3.611	3.411	1.964	0.070	-1.305	-1.547	-0.721	0.483	1.152
231	2.30	0.679	-0.865	-2.750	-3.959	-3.748	-2.055	0.440	2.660	3.683	3.210
241	2.40	1.700	0.105	-0.643	-0.120	1.387	3.068	4.032	3.792	2.497	0.826
251	2.50	-0.394	-0.638	0.062	1.159	1.917	1.807	0.781	-0.728	-2.057	-2.665
261	2.60	-2.397	-1.528	-0.580	-0.034	-0.094	-0.627	-1.282	-1.712	-1.752	-1.476
271	2.70	-1.101	-0.824	-0.699	-0.617	-0.405	0.043	0.669	1.274	1.622	1.578
281	2.80	1.177	0.595	0.035	-0.389	-0.705	-1.022	-1.406	-1.776	-1.903	-1.527
291	2.90	-0.546	0.849	2.187	2.900	2.609	1.353	-0.368	-1.799	-2.290	-1.644
301	3.00	-0.251	1.074	1.502	0.636	-1.236	-3.234	-4.301	-3.748	-1.626	1.252
311	3.10	3.696	4.727	4.060	2.237	0.302	-0.782	-0.680	0.130	0.650	-0.014
321	3.20	-2.042	-4.675	-6.534	-6.351	-3.736	0.475	4.504	6.477	5.398	1.731
331	3.30	-2.745	-5.791	-5.852	-2.889	1.543	5.067	5.713	2.976	-1.866	-6.359
341	3.40	-8.118	-6.049	-0.929	4.978	9.062	9.665	6.852	2.273	-1.784	-3.528
351	3.50	-2.982	-0.984	0.617	0.578	-1.074	-3.043	-3.586	-1.628	2.453	6.862
361	3.60	9.268	8.060	3.306	-3.154	-8.539	-10.494	-8.260	-3.046	2.594	6.047
371	3.70	5.915	2.628	-1.885	-5.261	-5.916	-3.773	-0.169	2.951	4.084	2.892
381	3.80	0.258	-2.293	-3.435	-2.683	-0.519	2.001	3.868	4.605	4.366	3.666
391	3.90	2.958	2.346	1.615	0.501	-0.980	-2.410	-3.136	-2.651	-0.930	1.471
401	4.00	3.644	4.766	4.480	3.027	1.051	-0.784	-2.186	-3.227	-4.233	-5.346
411	4.10	-6.241	-6.105	-3.973	0.759	7.863	14.133	23.629	28.251	28.392	23.434
421	4.20	13.912	1.323	-12.291	-24.833	-34.541	-40.215	-41.269	-37.675	-29.862	-18.639
431	4.30	-5.140	9.191	22.655	33.428	39.822	40.669	35.728	25.976	13.570	1.415
441	4.40	-7.642	-11.730	-10.647	-6.010	-0.720	2.082	0.196	-6.810	-17.437	-28.800
451	4.50	-37.608	-41.157	-37.971	-27.960	-12.224	7.230	27.659	45.688	57.551	59.723
461	4.60	49.984	28.591	-0.991	-32.376	-57.763	-70.279	-66.330	-46.973	-17.654	13.625
471	4.70	39.000	53.167	54.608	45.265	29.055	10.116	-8.381	-24.431	-36.660	-43.715
481	4.80	-44.218	-37.454	-24.375	-8.141	6.444	14.636	19.921	5.539	-5.581	-12.697
491	4.90	-10.232	5.493	25.120	47.349	61.850	62.710	48.857	24.395	-3.216	-26.218

Table 7-24-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1960 S715-GR-1-1 HB. (HB.) NAKATSU ES. MAX. ACC. = -70.279 (GAL) T= 4.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-39.438	-41.763	-35.772	-25.950	-16.518	-9.897	-6.357	-4.708	-3.414	-1.456
511	5.10	1.425	5.008	8.991	13.169	17.140	20.201	21.085	18.466	11.692	1.460
521	5.20	-19.049	-19.776	-24.947	-24.211	-18.192	-9.137	0.146	7.527	12.311	15.183
531	5.30	17.421	19.897	22.432	23.865	22.739	18.167	10.367	0.572	-9.568	-18.698
541	5.40	-26.127	-31.652	-35.101	-35.795	-32.674	-24.850	-12.460	2.759	17.637	28.548
551	5.50	32.803	29.800	21.332	10.856	2.048	-2.663	-2.911	-0.227	2.944	4.472
561	5.60	3.412	0.143	-4.132	-8.155	-11.149	-12.898	-13.434	-12.676	-10.339	-6.216
571	5.70	-0.638	5.266	9.789	11.336	9.259	4.335	-1.432	-5.684	-6.820	-4.787
581	5.80	-1.082	2.055	2.856	0.992	-2.220	-4.517	-3.917	0.153	6.449	12.434
591	5.90	15.466	14.061	8.589	1.081	-5.721	-9.581	-9.660	-8.705	-2.536	0.866
601	6.00	2.180	1.148	-1.535	-4.673	-7.089	-7.982	-7.063	-4.534	-1.008	2.581
611	6.10	5.119	5.588	3.451	-0.979	-6.414	-10.870	-12.362	-9.740	-3.306	5.159
621	6.20	13.015	17.822	18.345	15.022	9.667	4.554	1.329	0.311	0.507	0.305
631	6.30	-1.542	-5.180	-9.559	-13.006	-14.140	-12.622	-9.325	-5.851	-3.653	-3.261
641	6.40	-4.021	-4.488	-3.245	0.294	5.531	10.946	14.833	16.099	14.721	11.646
651	6.50	8.227	5.524	3.843	2.728	1.371	-0.833	-3.902	-7.243	-9.982	-11.422
661	6.60	-11.369	-10.162	-8.414	-6.647	-5.039	-3.421	-1.475	0.983	3.849	6.777
671	6.70	9.383	11.650	12.994	14.141	14.890	14.949	13.769	10.812	5.914	-0.442
681	6.80	-7.251	-13.119	-16.948	-18.251	-17.294	-14.864	-11.840	-8.766	-5.689	-2.317
691	6.90	1.611	5.962	10.094	13.055	14.014	12.673	9.437	5.245	1.149	-2.123
701	7.00	-4.396	-5.949	-7.179	-8.231	-8.848	-8.511	-6.808	-3.801	-0.144	3.147
711	7.10	5.166	5.587	4.859	3.994	4.024	5.421	7.773	9.904	10.409	8.314
721	7.20	3.565	-2.919	-9.626	-15.059	-18.251	-18.970	-17.533	-14.437	-10.039	-4.512
731	7.30	1.918	8.668	14.552	18.215	18.501	15.182	9.275	2.812	-1.934	-3.450
741	7.40	-1.730	1.795	4.400	4.242	2.512	-5.611	-11.869	-14.511	-13.358	-7.689
751	7.50	-0.118	6.094	8.239	5.430	-0.973	-7.999	-12.460	-12.433	-8.113	-1.629
761	7.60	4.058	6.619	5.456	1.898	-1.576	-2.667	-0.439	4.228	9.157	12.044
771	7.70	11.670	8.507	4.404	1.522	1.113	2.798	4.756	4.758	1.494	-4.512
781	7.80	-10.940	-14.701	-13.490	-7.071	2.363	11.018	15.160	12.838	4.852	-5.532
791	7.90	-13.997	-17.072	-13.633	-5.327	4.253	11.217	13.065	9.643	2.977	-3.849
801	8.00	-8.168	-8.833	-6.479	-2.895	0.662	1.416	1.402	1.073	1.465	2.846
811	8.10	4.476	5.035	3.455	-0.315	-5.059	-8.756	-9.525	-6.614	-0.885	5.462
821	8.20	9.820	10.366	6.793	0.631	-5.628	-9.546	-9.820	-6.781	-2.131	1.925
831	8.30	3.736	2.943	0.569	-1.544	-1.665	0.961	5.727	10.899	14.362	14.523
841	8.40	10.989	4.732	-2.301	-7.949	-10.647	-9.968	-6.705	-2.489	0.873	2.080
851	8.50	0.779	-2.371	-6.018	-8.680	-9.319	-7.728	-4.577	-1.126	1.318	1.920
861	8.60	0.696	-1.492	-3.275	-3.352	-1.061	3.294	8.502	12.900	15.014	14.158
871	8.70	10.698	5.873	1.276	-1.838	-3.856	-2.849	-2.286	-2.532	-4.211	-4.253
881	8.80	-8.581	-10.165	-9.581	-6.773	-3.294	-0.259	1.310	1.197	0.105	-0.701
891	8.90	-0.055	2.478	6.322	10.098	12.241	11.716	8.489	3.551	-1.524	-5.235
901	9.00	-6.721	-5.983	-3.696	-0.785	2.002	4.293	5.996	7.047	7.190	5.985
911	9.10	3.056	-1.563	-7.212	-12.686	-16.617	-18.005	-16.603	-12.983	-8.242	-3.500
921	9.20	0.527	3.676	6.156	8.194	9.739	10.443	9.917	8.116	5.544	2.164
931	9.30	1.933	2.250	3.665	4.902	4.843	2.080	-2.464	-7.572	-11.335	-12.253
941	9.40	-9.986	-5.522	-0.713	2.673	3.814	3.191	2.228	2.406	4.339	7.327
951	9.50	9.655	9.501	5.980	-0.245	-7.124	-12.123	-13.389	-10.610	-5.122	0.789
961	9.60	5.011	6.572	5.969	4.713	4.364	5.605	7.854	9.606	9.312	6.302
971	9.70	1.239	-4.135	-7.841	-8.644	-6.665	-3.313	-0.584	-0.086	-2.288	-6.332
981	9.80	-10.486	-12.965	-12.713	-9.788	-5.221	-0.476	3.181	5.117	5.411	4.632
991	9.90	3.491	2.553	2.120	2.260	2.888	3.820	4.771	5.367	5.211	4.050

Table 7-24-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1960 S715-GR-1-1 HB. (HB.) NAKATSU ES. MAX. ACC. = -70.279 (GAL) T= 4.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.946	-0.631	-2.917	-4.136	-3.860	-2.239	0.007	1.869	2.597	1.873
1011	10.10	0.135	-1.730	-2.802	-2.579	-1.214	0.572	1.845	1.913	0.668	-1.478
1021	10.20	-3.615	-4.929	-4.939	-3.675	-1.601	0.626	2.424	3.471	3.744	3.437
1031	10.30	2.831	2.183	1.667	1.361	1.259	1.285	1.304	1.157	0.709	-0.093
1041	10.40	-1.184	-2.394	-3.501	-4.313	-4.715	-4.683	-4.240	-3.421	-2.260	-0.836
1051	10.50	0.674	1.982	2.753	2.758	2.023	0.894	-0.060	-0.292	0.447	1.941
1061	10.60	3.561	4.554	4.417	3.178	1.418	-0.009	-0.413	0.357	1.817	3.095
1071	10.70	3.401	2.472	0.730	-0.931	-1.648	-1.091	0.313	1.573	1.655	0.069
1081	10.80	-2.823	-5.946	-8.037	-8.288	-6.744	-4.249	-1.949	-0.649	-0.367	-0.355
1091	10.90	0.409	2.548	5.765	8.953	10.514	9.350	5.406	-0.169	-5.489	-8.761
1101	11.00	-9.094	-6.846	-3.376	-0.317	1.226	1.150	0.277	-0.208	0.536	2.536
1111	11.10	4.994	6.753	6.923	5.345	2.638	-0.166	-2.173	-3.049	-3.088	-2.918
1121	11.20	-3.040	-3.497	-3.862	-3.558	-2.300	-0.388	1.352	1.974	0.949	-1.461
1131	11.30	-4.231	-6.002	-5.721	-3.173	0.884	5.031	7.820	8.403	6.869	4.085
1141	11.40	1.306	-0.499	-1.015	-0.632	-0.135	-0.228	-1.145	-2.546	-3.732	-4.040
1151	11.50	-3.230	-1.626	0.018	0.870	0.521	-0.978	-2.942	-4.442	-4.702	-3.443
1161	11.60	-1.011	1.774	3.963	4.887	4.426	3.048	1.589	0.875	1.366	2.937
1171	11.70	4.957	6.545	6.952	5.872	3.543	0.617	-2.140	-4.164	-5.277	-5.660
1181	11.80	-5.653	-5.516	-5.280	-4.780	-3.845	-2.508	-1.101	-0.141	-0.047	-0.844
1191	11.90	-2.044	-2.793	-2.279	-0.177	3.088	6.435	8.583	8.652	6.612	3.341
1201	12.00	0.229	-1.503	-1.403	-0.026	1.367	1.484	-0.269	-3.409	-6.546	-8.058
1211	12.10	-6.924	-3.307	1.447	5.397	6.922	5.490	1.924	-2.005	-4.422	-4.244
1221	12.20	-1.664	1.993	4.953	5.663	4.409	1.391	-1.743	-3.651	-3.731	-2.321
1231	12.30	-0.422	0.901	1.070	0.231	-0.933	-1.672	-1.623	-0.991	-0.371	-0.323
1241	12.40	-0.974	-1.896	-2.341	-1.704	0.047	2.252	3.828	3.813	1.906	-1.322
1251	12.50	-4.620	-6.646	-6.583	-4.518	-1.369	1.589	3.352	3.640	2.951	2.201
1261	12.60	2.161	3.011	4.238	4.962	4.369	2.376	-0.435	-2.984	-4.253	-3.604
1271	12.70	-1.998	0.196	1.698	1.865	0.797	-0.754	-1.816	-1.730	-0.509	1.173
1281	12.80	2.345	2.244	0.816	-1.409	-3.408	-4.260	-3.578	-1.688	0.553	2.182
1291	12.90	2.594	1.801	0.378	-0.855	-1.258	-0.664	0.573	1.786	2.344	1.958
1301	13.00	0.806	-0.576	-1.546	-1.658	-0.842	0.572	2.007	2.868	2.774	1.695
1311	13.10	-0.032	-1.816	-3.006	-3.106	-1.961	0.164	2.638	4.653	5.501	4.844
1321	13.20	2.860	0.205	-2.222	-3.628	-3.644	-2.464	-0.755	0.649	1.112	0.465
1331	13.30	-0.953	-2.484	-3.474	-3.570	-2.840	-1.674	-0.547	0.240	0.668	0.937
1341	13.40	1.266	1.704	2.068	2.029	1.396	0.252	-0.983	-1.731	-1.564	-0.469
1351	13.50	1.068	2.256	2.373	1.151	-1.044	-3.323	-4.623	-4.426	-2.592	0.124
1361	13.60	2.526	3.909	3.509	1.668	-0.804	-2.915	-3.934	-2.349	-0.682	-0.682
1371	13.70	0.802	1.823	2.435	2.872	3.316	3.727	3.848	3.378	2.208	0.570
1381	13.80	-0.994	-1.856	-1.613	-0.316	1.503	3.044	3.592	2.651	1.085	-1.005
1391	13.90	-2.607	-3.178	-2.692	-1.617	-0.654	-0.353	-0.798	-1.551	-1.862	-1.081
1401	14.00	0.947	3.707	6.166	7.203	6.127	3.037	-1.152	-5.065	-7.438	-7.653
1411	14.10	-5.984	-3.435	-1.243	-0.281	-0.661	-1.719	-2.399	-1.844	0.114	2.809
1421	14.20	5.034	5.635	4.109	0.907	-2.731	-5.328	-5.859	-4.226	-1.299	1.518
1431	14.30	2.961	2.498	0.545	-1.788	-3.283	-3.228	-1.739	0.353	1.981	2.424
1441	14.40	1.675	0.414	-0.403	-0.098	1.320	3.131	4.269	3.879	1.794	-1.347
1451	14.50	-4.381	-6.168	-6.126	-4.469	-2.055	0.069	1.187	1.221	0.686	0.346
1461	14.60	0.757	1.960	3.468	4.551	4.631	3.593	1.831	0.025	-1.203	-1.588
1471	14.70	-1.289	-0.734	-0.333	-0.248	-0.345	-0.346	-0.079	0.348	0.567	0.165
1481	14.80	-1.017	-2.693	-4.177	-4.684	-3.728	-1.428	1.470	3.887	4.900	4.190
1491	14.90	2.218	0.029	-1.229	-0.852	1.080	3.724	5.863	6.462	5.132	2.286

Table 7-24-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1960 S715-GR-1-1 HB. (HB.) NAKATSU ES. MAX. ACC. = -70.279 (GAL) T= 4.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-1.083	-3.875	-5.366	-5.487	-4.752	-3.919	-3.558	-3.746	-4.066	-3.867
1511	15.10	-2.667	-0.483	2.205	4.479	5.582	5.196	3.617	1.627	0.127	-0.275
1521	15.20	0.486	1.032	3.026	3.344	2.518	0.820	-1.087	-2.478	-2.903	-2.376
1531	15.30	-1.330	-0.382	-0.017	-0.369	-1.182	-1.963	-2.245	-1.817	-0.610	0.382
1541	15.40	1.508	1.677	1.445	0.855	0.230	-0.178	-0.305	-0.277	-0.298	-0.506
1551	15.50	-0.863	-1.159	-1.123	-0.579	0.422	1.576	2.431	2.566	1.784	0.213
1561	15.60	-1.709	-3.393	-4.307	-4.174	-3.072	-1.392	0.311	1.529	1.981	1.696
1571	15.70	0.976	0.253	-0.101	0.080	0.698	1.452	1.985	2.058	1.661	1.019
1581	15.80	0.486	0.165	0.769	1.535	2.296	2.639	2.298	1.285	-0.111	-1.442
1591	15.90	-2.300	-2.487	-2.093	-1.431	-0.880	-0.706	-0.959	-1.476	-1.992	-2.280
1601	16.00	-2.253	-1.972	-1.571	-1.154	-0.726	-0.217	0.440	1.204	1.895	2.242
1611	16.10	2.026	1.210	0.009	-1.176	-1.923	-1.986	-1.411	-0.517	0.263	0.600
1621	16.20	0.440	0.030	-0.213	0.081	1.026	2.405	3.752	4.558	4.500	3.580
1631	16.30	2.113	0.572	-0.616	-1.237	-1.335	-1.143	-0.930	-0.866	-0.970	-1.136
1641	16.40	-1.243	-1.240	-1.186	-1.213	-1.430	-1.839	-2.297	-2.562	-2.391	-1.661
1651	16.50	-0.440	1.004	2.247	3.031	3.004	2.209	0.902	-0.485	-1.481	-1.735
1661	16.60	-1.145	0.094	1.554	2.722	3.189	2.798	1.698	0.272	-1.032	-1.884
1671	16.70	-2.193	-2.106	-1.895	-1.279	-1.813	-1.845	-1.626	-0.975	0.084	1.291
1681	16.80	2.253	2.641	2.358	1.605	0.785	0.303	0.349	0.796	1.255	1.274
1691	16.90	0.593	-0.721	-2.258	-3.450	-3.819	-3.193	-1.775	-0.055	1.401	2.170
1701	17.00	2.108	1.358	0.245	-0.871	-1.711	-2.138	-2.138	-1.794	-1.227	-0.576
1711	17.10	0.028	0.493	0.796	1.013	1.286	1.762	2.484	3.319	3.969	4.079
1721	17.20	3.413	2.005	0.207	-1.429	-2.376	-2.379	-1.568	-0.493	0.302	0.376
1731	17.30	-0.296	-1.334	-2.140	-2.205	-1.372	0.084	1.595	2.566	2.677	1.996
1741	17.40	0.923	-0.041	-0.543	-0.527	-0.200	0.129	0.250	0.142	0.037	0.072
1751	17.50	0.334	0.688	0.879	0.694	0.123	-0.595	-1.079	-1.013	-0.332	0.714
1761	17.60	1.669	2.093	1.781	0.856	-0.311	-1.304	-1.881	-2.078	-2.148	-2.379
1771	17.70	-2.890	-3.544	-4.010	-3.954	-3.235	-2.002	-0.628	0.482	1.089	1.234
1781	17.80	1.178	1.225	1.536	2.019	2.396	2.374	1.840	0.954	0.083	-0.390
1791	17.90	-0.282	0.272	0.879	1.081	0.598	-0.518	-1.495	-3.011	-3.436	-3.024
1801	18.00	-1.961	-0.655	0.458	1.099	1.227	0.998	0.638	0.316	0.096	-0.056
1811	18.10	-0.171	-0.221	-0.107	0.273	0.937	1.756	2.471	2.792	2.528	1.686
1821	18.20	0.486	-0.722	-1.590	-1.910	-1.678	-1.079	-0.394	0.121	0.327	0.240
1831	18.30	0.006	-0.175	-0.132	0.208	0.791	1.447	1.950	2.093	1.774	1.051
1841	18.40	0.134	-0.677	-1.107	-1.022	-0.500	0.165	0.680	0.706	0.195	-0.665
1851	18.50	-1.510	-1.942	-1.813	-1.127	-0.213	0.521	0.767	0.456	-0.228	-0.943
1861	18.60	-1.302	-1.443	-1.267	-1.068	-0.996	-1.123	-1.230	-1.012	-0.265	0.947
1871	18.70	2.240	3.159	2.977	2.577	1.965	1.279	-0.099	-0.665	-0.719	0.894
1881	18.80	2.198	2.536	1.669	-0.118	-2.150	-3.665	-4.536	-3.488	-2.087	-0.520
1891	18.90	0.649	1.167	1.048	0.484	0.444	0.578	1.095	1.798	2.403	2.693
1901	19.00	2.601	2.211	1.678	1.132	0.615	0.090	-0.505	-1.181	-1.861	-2.395
1911	19.10	-2.623	-2.650	-1.901	-1.115	-0.296	0.357	0.725	0.797	0.669	0.496
1921	19.20	0.134	0.579	0.931	1.385	1.769	1.898	1.652	1.031	0.174	-0.677
1931	19.30	-1.247	-1.428	-1.458	-0.615	-0.081	0.192	0.091	-0.366	-0.758	-0.985
1941	19.40	-0.802	-0.249	0.478	1.067	1.276	1.050	0.562	0.104	-0.040	0.169
1951	19.50	0.573	0.888	0.777	0.112	-0.958	-2.010	-2.887	-2.597	-1.766	-0.501
1961	19.60	0.718	1.454	1.503	0.984	0.172	-0.447	-0.757	-0.625	-0.282	-0.015
1971	19.70	-0.019	-0.302	-0.682	-0.693	-0.728	-0.158	0.655	1.432	1.905	1.956
1981	19.80	1.559	0.944	0.304	-0.205	-0.535	-0.730	-0.873	-1.020	-1.158	-1.221
1991	19.90	-1.127	-0.831	-0.349	0.262	0.632	1.513	1.604	1.660	1.478	1.089

Table 7-24-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1960 S715-GR-1-1 HB. (HB.) NAKATSU ES. MAX. ACC. = -70.279 (GAL) T= 4.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.565	0.011	-0.453	-0.726	-0.769	-0.626	-0.417	-0.290	-0.341	-0.563
2011	20.10	-0.830	-0.948	-0.750	-0.189	0.627	1.472	2.105	2.390	2.361	2.198
2021	20.20	2.121	2.247	2.497	2.607	2.247	1.203	-0.471	-2.418	-4.089	-4.956
2031	20.30	-4.752	-3.578	-1.895	-0.325	0.609	0.690	0.084	-0.766	-1.363	-1.393
2041	20.40	-0.857	-0.055	0.582	0.716	0.266	-0.556	-1.351	-1.734	-1.518	-0.792
2051	20.50	0.126	0.852	1.116	0.872	0.302	-0.297	-0.666	-0.704	-0.499	-0.257
2061	20.60	-0.180	-0.350	-0.686	-0.988	-1.041	-0.722	-0.057	0.793	1.606	2.188
2071	20.70	2.437	2.350	1.989	1.434	0.750	-0.004	-0.756	-1.394	-1.780	-1.600
2081	20.80	-1.427	-0.758	-0.006	0.578	0.811	0.668	0.301	-0.019	-0.027	0.107
2091	20.90	1.203	2.093	2.725	2.818	2.275	1.232	-0.005	-1.083	-1.742	-1.903
2101	21.00	-1.673	-1.273	-0.932	-0.789	-0.654	-1.032	-1.186	-1.205	-1.057	-0.783
2111	21.10	-0.469	-0.206	-0.055	-0.031	-0.111	-0.245	-0.369	-0.415	-0.318	-0.040
2121	21.20	0.411	0.961	1.473	1.784	1.762	1.370	0.698	-0.051	-0.629	-0.837
2131	21.30	-0.614	-0.068	0.562	1.002	1.061	0.711	0.100	-0.512	-0.872	-0.838
2141	21.40	-0.444	0.125	0.621	0.846	0.736	0.385	-0.018	-0.277	-0.288	-0.077
2151	21.50	0.228	0.469	0.547	0.476	0.354	0.318	0.461	0.683	0.900	0.913
2161	21.60	0.602	-0.010	-0.749	-1.355	-1.591	-1.357	-0.736	0.036	0.673	0.967
2171	21.70	0.875	0.532	0.169	-0.001	0.108	0.412	0.703	0.750	0.421	-0.248
2181	21.80	-1.065	-1.762	-2.110	-2.013	-1.529	-0.840	-0.154	0.374	0.686	0.814
2191	21.90	0.827	0.771	0.647	0.420	0.067	-0.382	-0.829	-1.139	-1.200	-0.977
2201	22.00	-0.544	-0.050	0.340	0.521	0.490	0.341	0.210	0.204	0.344	0.552
2211	22.10	0.691	0.634	0.329	-0.172	-0.727	-1.163	-1.343	-1.215	-0.825	-0.286
2221	22.20	0.265	0.722	1.033	1.200	1.241	1.259	1.221	1.148	1.022	0.815
2231	22.30	0.507	0.096	-0.397	-0.921	-1.399	-1.740	-1.859	-1.704	-1.284	-0.676
2241	22.40	-0.017	0.535	0.849	0.870	0.636	0.268	-0.081	-0.282	-0.281	-0.108
2251	22.50	0.141	0.354	0.457	0.440	0.354	0.279	0.281	0.383	0.559	0.758
2261	22.60	0.927	1.038	1.083	1.062	0.965	0.763	0.632	-0.021	-0.529	-0.974
2271	22.70	-1.219	-1.174	-0.840	-0.328	0.182	0.518	0.591	0.633	0.176	-0.031
2281	22.80	-0.111	-0.113	-0.193	-0.524	-1.184	-2.071	-2.913	-3.371	-3.189	-2.336
2291	22.90	-1.029	0.317	1.289	1.639	1.400	0.855	0.398	0.328	0.712	1.338
2301	23.00	1.832	1.848	1.252	0.203	-0.912	-1.647	-1.709	-1.086	-0.055	0.950
2311	23.10	1.530	1.487	0.889	0.013	-0.799	-1.294	-1.398	-1.214	-0.935	-0.728
2321	23.20	-0.657	-0.668	-0.645	-0.486	-0.169	0.243	0.636	0.912	1.034	1.035
2331	23.30	0.989	0.962	0.975	0.994	0.959	0.819	0.567	0.241	-0.089	-0.353
2341	23.40	-0.504	-0.526	-0.426	-0.220	0.071	0.448	0.772	1.063	1.208	1.142
2351	23.50	0.846	0.364	-0.202	-0.727	-1.100	-1.263	-1.223	-1.036	-0.784	-0.535
2361	23.60	-0.327	-0.173	-0.066	0.002	0.033	0.033	0.017	0.018	0.074	0.215
2371	23.70	0.434	0.684	0.881	0.942	0.815	0.513	0.116	-0.257	-0.486	-0.505
2381	23.80	-0.326	-0.040	0.218	0.323	0.204	-0.122	-0.562	-0.978	-1.246	-1.298
2391	23.90	-1.146	-0.865	-0.563	-0.325	-0.184	-0.117	-0.069	0.006	0.108	0.186
2401	24.00	0.164	-0.006	-0.301	-0.620	-0.810	-0.735	-0.352	0.259	0.909	1.380
2411	24.10	1.525	1.333	0.944	0.576	0.420	0.531	0.788	0.946	0.756	0.096
2421	24.20	-0.941	-2.063	-2.892	-3.123	-2.666	-1.686	-0.536	0.386	0.817	0.726
2431	24.30	0.311	-0.104	-0.229	0.063	0.692	1.421	1.981	2.199	2.064	1.719
2441	24.40	1.368	1.170	1.164	1.258	1.292	1.127	0.722	0.151	-0.435	-0.883
2451	24.50	-1.112	-1.140	-1.066	-1.007	-1.033	-1.136	-1.238	-1.243	-1.088	-0.783
2461	24.60	-0.403	-0.041	0.236	0.427	0.591	0.804	1.099	1.435	1.690	1.719
2471	24.70	1.426	0.630	0.079	-0.586	-0.934	-0.839	-0.350	0.319	0.862	1.013
2481	24.80	0.657	-0.113	-1.025	-1.738	-1.978	-1.648	-0.867	-0.087	0.894	1.318
2491	24.90	1.293	0.924	0.418	-0.018	-0.267	-0.339	-0.330	-0.361	-0.494	-0.710

Table 7-24-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1960 S715-GR-1-1 HB. (HB.) NAKATSU ES. MAX. ACC. = -70.279 (GAL) T= 4.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.922	-1.032	-0.991	-0.822	-0.601	-0.405	-0.260	-0.128	0.064	0.368
2511	25.10	0.759	1.127	1.320	1.221	0.816	0.224	-0.355	-0.730	-0.814	-0.669
2521	25.20	-0.474	-0.428	-0.631	-1.023	-1.400	-1.514	-1.218	-0.556	0.222	0.778
2531	25.30	0.832	0.323	-0.517	-1.378	-1.751	-1.416	-0.409	0.936	2.151	2.819
2541	25.40	2.755	2.471	1.908	1.267	0.510	-0.150	0.142	0.488	0.597	0.409
2551	25.50	0.022	-0.366	-0.581	-0.568	-0.418	-0.304	-0.371	-0.643	-1.000	-1.244
2561	25.60	-1.211	-0.871	-0.361	0.079	0.228	0.004	-0.479	-0.956	-1.133	-0.839
2571	25.70	-0.110	0.810	1.578	1.907	1.689	1.047	0.268	-0.322	-0.503	-0.249
2581	25.80	0.275	0.799	1.066	0.946	0.475	-0.172	-0.757	-1.080	-1.047	-0.695
2591	25.90	-0.165	0.352	0.678	0.712	0.450	-0.009	-0.500	-0.840	-0.898	-0.640
2601	26.00	-0.147	0.409	0.833	0.990	0.861	0.558	0.272	0.178	0.349	0.710
2611	26.10	1.067	1.206	0.993	0.469	-0.181	-0.701	-0.898	-0.736	-0.364	-0.039
2621	26.20	0.010	-0.303	-0.863	-1.414	-1.685	-1.532	-1.010	-0.346	0.176	0.365
2631	26.30	0.213	-0.105	-0.339	-0.294	0.059	0.577	1.028	1.221	1.115	0.827
2641	26.40	0.561	0.478	0.594	0.764	0.767	0.443	-0.198	-0.951	-1.508	-1.610
2651	26.50	-1.189	-0.419	0.365	0.820	0.765	0.269	-0.404	-0.920	-1.060	-0.815
2661	26.60	-0.388	-0.064	-0.055	-0.377	-0.647	-1.174	-1.121	-0.628	0.153	0.937
2671	26.70	1.443	1.533	1.261	0.830	0.473	0.329	0.389	0.512	0.527	0.334
2681	26.80	-0.040	-0.456	-0.748	-0.807	-0.640	-0.353	-0.088	0.062	0.090	0.070
2691	26.90	0.090	0.192	0.335	0.419	0.351	0.111	-0.218	-0.481	-0.533	-0.314
2701	27.00	0.108	0.562	0.857	0.873	0.625	0.243	-0.078	-0.195	-0.081	0.165
2711	27.10	0.370	0.379	0.135	-0.291	-0.733	-1.015	-1.027	-0.782	-0.394	-0.029
2721	27.20	0.161	0.186	0.027	-0.193	-0.370	-0.447	-0.425	-0.349	-0.269	-0.205
2731	27.30	-0.141	-0.040	0.122	0.334	0.541	0.673	0.882	0.567	0.386	0.223
2741	27.40	0.157	-0.166	-0.252	-0.175	0.497	0.358	0.088	-0.290	-0.610	-0.794
2751	27.50	-0.798	-0.646	-0.409	-0.166	0.026	0.157	0.250	0.332	0.412	0.341
2761	27.60	0.430	0.280	0.013	-0.314	-0.608	-0.777	-0.775	-0.624	-0.402	-0.207
2771	27.70	-0.100	-0.078	-0.073	0.012	0.259	0.599	0.995	1.287	1.348	1.134
2781	27.80	0.708	0.218	-0.159	-0.298	-0.172	0.136	0.473	0.682	0.661	0.400
2791	27.90	-0.033	-0.524	-0.960	-1.260	-1.389	-1.346	-1.150	-0.836	-0.454	-0.073
2801	28.00	0.223	0.358	0.287	0.034	-0.316	-0.641	-0.822	-0.801	-0.599	-0.312
2811	28.10	-0.062	0.061	0.038	-0.069	-0.152	-0.117	0.048	0.345	0.593	0.675
2821	28.20	0.505	0.093	-0.450	-0.949	-1.231	-1.186	-0.808	-0.203	0.447	0.951
2831	28.30	1.164	1.045	0.662	0.175	-0.227	-0.389	-0.255	0.118	0.571	0.915
2841	28.40	1.006	0.808	0.417	0.018	-0.191	-0.091	0.302	0.832	1.273	1.423
2851	28.50	1.192	0.644	-0.030	-0.600	-0.890	-0.847	-0.549	-0.158	0.165	0.325
2861	28.60	0.324	0.234	0.141	0.096	0.085	0.056	0.049	-0.233	-0.446	-0.596
2871	28.70	-0.619	-0.481	-0.249	-0.020	0.102	0.063	-0.154	-0.514	-0.509	-0.515
2881	28.80	-0.323	-0.041	0.503	0.972	1.360	1.600	1.650	1.493	1.145	0.655
2891	28.90	0.108	-0.392	-0.749	-0.911	-0.887	-0.743	-0.571	-0.447	-0.393	-0.376
2901	29.00	-0.331	-0.212	-0.024	0.165	0.254	0.168	-0.104	-0.476	-0.816	-0.980
2911	29.10	-0.897	-0.587	-0.149	0.285	0.613	0.802	0.683	0.914	0.930	0.916
2921	29.20	0.816	0.569	0.175	-0.292	-0.696	-0.899	-0.825	-0.505	-0.078	0.271
2931	29.30	0.591	0.228	-0.145	-0.569	-0.865	-0.917	-0.718	-0.387	-0.020	0.182
2941	29.40	0.169	-0.031	-0.314	-0.543	-0.607	-0.465	-0.150	0.242	0.594	0.806
2951	29.50	0.830	0.680	0.421	0.144	-0.072	-0.182	-0.195	-0.164	-0.152	-0.204
2961	29.60	-0.315	-0.430	-0.466	-0.353	-0.074	0.311	0.687	0.922	0.926	0.681
2971	29.70	0.268	-0.198	-0.586	-0.814	-0.862	-0.765	-0.574	-0.329	-0.050	0.256
2981	29.80	0.563	0.809	0.910	0.799	0.469	0.005	-0.435	-0.882	-0.629	-0.264
2991	29.90	0.178	0.571	0.694	0.469	-0.033	-0.625	-1.089	-1.283	-1.197	-0.948

Table 7-24-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1960 S715-GR-1-1 HB. (HB.) NAKATSU ES. MAX. ACC. = -70.279 (GAL) T= 4.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.714	-0.631	-0.726	-0.907	-1.016	-0.921	-0.592	-0.125	0.301	0.515
3011	30.10	0.434	0.107	-0.310	-0.631	-0.721	-0.558	-0.225	0.161	0.418	0.559
3021	30.20	0.601	0.629	0.722	0.900	1.114	1.269	1.276	1.096	0.767	0.384
3031	30.30	0.056	-0.135	-0.168	-0.088	0.024	0.084	0.039	-0.112	-0.324	-0.526
3041	30.40	-0.651	-0.658	-0.548	-0.364	-0.171	-0.037	0.001	-0.054	-0.154	-0.230
3051	30.50	-0.223	-0.116	0.055	0.217	0.292	0.243	0.101	-0.047	-0.092	0.035
3061	30.60	0.320	0.658	0.891	0.883	0.582	0.057	-0.526	-0.972	-1.143	-1.016
3071	30.70	-0.683	-0.307	-0.010	0.019	-0.004	-0.088	-0.078	0.096	0.416	0.796
3081	30.80	1.124	1.321	1.371	1.307	1.178	1.009	0.787	0.481	0.081	-0.368
3091	30.90	-0.762	-0.981	-0.946	-0.672	-0.273	0.078	0.231	0.126	-0.170	-0.496
3101	31.00	-0.671	-0.584	-0.246	0.209	0.593	0.745	0.609	0.249	-0.178	-0.497
3111	31.10	-0.590	-0.430	-0.086	0.325	0.686	0.922	1.011	0.976	0.855	0.689
3121	31.20	0.510	0.342	0.204	0.103	0.026	-0.060	-0.197	-0.615	-0.701	-0.991
3131	31.30	-1.180	-1.162	-0.886	-0.387	0.206	0.717	0.985	0.937	0.613	0.157
3141	31.40	-0.250	-0.458	-0.414	-0.173	0.135	0.362	0.411	0.264	-0.017	-0.324
3151	31.50	-0.559	-0.665	-0.639	-0.525	-0.381	-0.254	-0.169	-0.123	-0.104	-0.094
3161	31.60	-0.085	-0.079	-0.083	-0.114	-0.184	-0.306	-0.475	-0.673	-0.861	-0.987
3171	31.70	-1.003	-0.886	-0.653	-0.360	-0.093	0.066	0.069	-0.077	-0.314	-0.552
3181	31.80	-0.699	-0.696	-0.529	-0.227	0.157	0.563	0.945	1.268	1.509	1.646
3191	31.90	1.661	1.540	1.288	0.930	0.508	0.074	-0.328	-0.667	-0.932	-1.116
3201	32.00	-1.217	-1.224	-1.128	-0.925	-0.632	-0.285	0.065	0.376	0.623	0.806
3211	32.10	0.946	1.062	1.162	1.230	1.237	1.158	0.991	0.787	0.540	0.364
3221	32.20	0.270	0.288	0.255	0.231	0.131	-0.055	-0.299	-0.548	-0.748	-0.871
3231	32.30	-0.916	-0.909	-0.879	-0.840	-0.783	-0.684	-0.522	-0.291	-0.013	0.277
3241	32.40	0.538	0.748	0.907	1.026	1.115	1.161	1.128	0.969	0.651	0.181
3251	32.50	-0.377	-0.920	-1.330	-1.519	-1.460	-1.201	-0.843	-0.506	-0.283	-0.209
3261	32.60	-0.251	-0.331	-0.364	-0.290	-0.106	0.140	0.370	0.511	0.525	0.427
3271	32.70	0.277	0.155	0.124	0.205	0.368	0.541	0.669	0.628	0.482	0.255
3281	32.80	0.030	-0.114	-0.132	-0.039	0.098	0.189	0.159	-0.016	-0.293	-0.585
3291	32.90	-0.791	-0.846	-0.749	-0.559	-0.370	-0.259	-0.252	-0.306	-0.333	-0.247
3301	33.00	-0.010	0.337	0.688	0.913	0.918	0.691	0.313	-0.077	-0.339	-0.396
3311	33.10	-0.259	-0.022	0.189	0.277	0.215	0.055	-0.103	-0.167	-0.099	0.064
3321	33.20	0.229	0.294	0.198	-0.049	-0.373	-0.667	-0.844	-0.866	-0.761	-0.597
3331	33.30	-0.466	-0.350	-0.300	-0.251	-0.146	0.049	0.323	0.624	0.877	1.014
3341	33.40	1.005	0.882	0.660	0.405	0.213	0.086	0.008	-0.066	-0.185	-0.376
3351	33.50	-0.624	-0.877	-1.062	-1.114	-1.012	-0.792	-0.535	-0.336	-0.262	-0.315
3361	33.60	-0.425	-0.478	-0.367	-0.043	0.453	0.998	1.441	1.660	1.620	1.376
3371	33.70	1.047	0.750	0.544	0.405	0.253	0.008	-0.353	-0.761	-1.085	-1.192
3381	33.80	-1.022	-0.628	-0.163	0.189	0.296	0.147	-0.146	-0.107	-0.483	-0.325
3391	33.90	-0.011	0.298	0.436	0.328	0.012	-0.360	-0.624	-0.677	-0.528	-0.286
3401	34.00	-0.097	-0.061	-0.178	-0.353	-0.454	-0.387	-0.151	0.165	0.434	0.565
3411	34.10	0.553	0.481	0.464	0.573	0.779	0.956	0.946	0.649	0.095	-0.550
3421	34.20	-1.051	-1.208	-0.962	-0.430	0.146	0.505	0.496	0.142	-0.364	-0.758
3431	34.30	-0.834	-0.537	0.006	0.551	0.856	0.794	0.431	-0.103	-0.505	-0.616
3441	34.40	-0.396	0.047	0.517	0.830	0.894	0.741	0.494	0.291	0.216	0.260
3451	34.50	0.341	0.357	0.255	0.055	-0.155	-0.276	-0.254	-0.119	0.033	0.091
3461	34.60	-0.008	-0.229	-0.454	-0.526	-0.337	0.114	0.704	1.230	1.491	1.379
3471	34.70	0.926	0.290	-0.310	-0.684	-0.749	-0.555	-0.249	-0.006	0.049	-0.110
3481	34.80	-0.408	-0.712	-0.892	-0.872	-0.656	-0.311	0.066	0.387	0.596	0.678
3491	34.90	0.644	0.524	0.350	0.163	0.009	-0.064	-0.022	0.143	0.395	0.661

Table 7-24-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1960 S715-GR-1-1 HB. (HB.) NAKATSU ES. MAX. ACC. = -70.279 (GAL) T= 4.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.848	0.879	0.724	0.410	0.020	-0.343	-0.590	-0.677	-0.615	-0.463
3511	35.10	-0.298	-0.189	-0.177	-0.241	-0.410	-0.571	-0.691	-0.726	-0.659	-0.501
3521	35.20	-0.289	-0.079	0.076	0.143	0.125	0.057	-0.007	-0.025	0.020	0.092
3531	35.30	0.134	0.091	-0.056	-0.270	-0.470	-0.564	-0.496	-0.277	0.012	0.257
3541	35.40	0.364	0.303	0.122	-0.074	-0.176	-0.124	0.067	0.321	0.566	0.678
3551	35.50	0.714	0.704	0.708	0.755	0.818	0.828	0.711	0.443	0.074	-0.289
3561	35.60	-0.532	-0.593	-0.500	-0.358	-0.301	-0.418	-0.702	-1.051	-1.310	-1.345
3571	35.70	-1.110	-0.844	-0.147	0.293	0.561	0.669	0.620	0.564	0.538	0.539
3581	35.80	0.509	0.386	0.160	-0.169	-0.515	-0.741	-0.812	-0.791	-0.599	-0.428
3591	35.90	-0.435	-0.469	-0.523	-0.519	-0.406	-0.188	0.076	0.305	0.444	0.483
3601	36.00	0.466	0.453	0.482	0.544	0.583	0.527	0.335	0.026	-0.326	-0.616
3611	36.10	-0.764	-0.743	-0.597	-0.409	-0.263	-0.198	-0.202	-0.218	-0.185	-0.075
3621	36.20	0.088	0.243	0.320	0.283	0.142	-0.038	-0.174	-0.195	-0.072	0.174
3631	36.30	0.484	0.783	1.007	1.116	1.093	0.946	0.692	0.366	0.005	-0.328
3641	36.40	-0.573	-0.674	-0.600	-0.522	-0.432	-0.334	-0.234	-0.119	0.033	0.091
3651	36.50	0.360	0.059	-0.200	-0.359	-0.388	-0.291	-0.102	0.120	0.306	0.397
3661	36.60	0.357	0.193	-0.050	-0.299	-0.478	-0.539	-0.477	-0.337	-0.191	-0.113
3671	36.70	-0.143	-0.271	-0.439	-0.570	-0.595	-0.484	-0.256	0.031	0.307	0.516
3681	36.80	0.632	0.662	0.631	0.561	0.465	0.339	0.175	-0.025	-0.241	-0.442
3691	36.90	-0.595	-0.681	-0.703	-0.685	-0.648	-0.604	-0.543	-0.438	-0.270	-0.046
3701	37.00	0.188	0.359	0.394	0.257	-0.025	-0.361	-0.622	-0.693	-0.524	-0.150
3711	37.10	0.308	0.697	0.884	0.816	0.537	0.168	-0.140	-0.272	-0.191	0.054
3721	37.20	0.356	0.598	0.709	0.683	0.578	0.471	0.422	0.442	0.492	0.507
3731	37.30	0.439	0.282	0.080	-0.095	-0.180	-0.155	-0.055	0.049	0.082	0.009
3741	37.40	-0.150	-0.330	-0.450	-0.458	-0.356	-0.201	-0.074	-0.040	-0.112	-0.248
3751	37.50	-0.369	-0.401	-0.316	-0.146	0.031	0.126	0.085	-0.086	-0.320	-0.523
3761	37.60	-0.611	-0.546	-0.350	-0.087	0.162	0.333	0.396	0.369	0.214	0.015
3771	37.70	-0.219	-0.458	-0.661	-0.773	-0.747	-0.557	-0.226	0.171	0.529	0.747
3781	37.80	0.767	0.331	0.065	-0.113	-0.157	-0.096	-0.003	0.048	0.018	0.018
3791	37.90	-0.080	-0.191	-0.255	-0.239	-0.152	-0.041	0.050	0.102	0.142	0.222
3801	38.00	0.383	0.624	0.878	1.043	1.025	0.787	0.382	-0.066	-0.407	-0.536
3811	38.10	-0.438	-0.196	0.050	0.165	0.088	-0.149	-0.431	-0.623	-0.635	-0.460
3821	38.20	-0.175	0.097	0.252	0.248	0.122	-0.033	-0.119	-0.080	0.075	0.277
3831	38.30	0.436	0.480	0.390	0.198	-0.029	-0.221	-0.331	-0.349	-0.297	-0.209
3841	38.40	-0.117	-0.046	0.004	-0.018	0.003	-0.044	-0.121	-0.219	-0.323	-0.415
3851	38.50	-0.481	-0.514	-0.517	-0.494	-0.446	-0.367	-0.248	-0.085	0.111	0.309
3861	38.60	0.466	0.537	0.494	0.338	0.101	-0.165	-0.398	-0.549	-0.591	-0.524
3871	38.70	-0.372	-0.173	0.028	0.190	0.284	0.297	0.242	0.149	0.061	0.022
3881	38.80	0.059	0.172	0.333	0.496	0.614	0.661	0.637	0.568	0.490	0.428
3891	38.90	0.389	0.358	0.310	0.235	0.144	0.070	0.053	0.116	0.248	0.406
3901	39.00	0.525	0.551	0.464	0.286	0.071	-0.121	-0.248	-0.303	-0.312	-0.305
3911	39.10	-0.302	-0.294	-0.253	-0.150	0.021	0.225	0.402	0.485	0.442	0.286
3921	39.20	0.078	-0.102	-0.199	-0.203	-0.159	-0.139	-0.206	-0.371	-0.590	-0.775
3931	39.30	-0.844	-0.756	-0.535	-0.262	-0.031	0.090	0.096	0.038	-0.007	0.019
3941	39.40	0.123	0.257	0.365	0.330	0.206	0.028	-0.117	-0.161	-0.091	0.035
3951	39.50	0.114	0.054	-0.177	-0.525	-0.868	-1.078	-1.077	-0.881	-0.595	-0.357
3961	39.60	-0.273	-0.362	-0.543	-0.681	-0.652	-0.413	-0.023	0.378	0.640	0.678
3971	39.70	0.514	0.268	0.094	0.118	0.359	0.728	1.068	1.227	1.130	0.809
3981	39.80	0.385	0.010	-0.198	-0.206	-0.063	0.131	0.281	0.337	0.309	0.250
3991	39.90	0.213	0.225	0.271	0.310	0.298	0.216	0.075	-0.089	-0.240	-0.356

Table 7-24-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1960 3715-GR-1-1 HB. (HB.) NAKATSU ES. MAX. ACC. = -70.279 (GAL) T= 4.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.430	-0.468	-0.471	-0.429	-0.332	-0.183	-0.010	0.132	0.184	0.107
4011	40.10	-0.089	-0.340	-0.551	-0.634	-0.548	-0.323	-0.042	0.187	0.285	0.228
4021	40.20	0.058	-0.147	-0.307	-0.382	-0.375	-0.325	-0.277	-0.253	-0.242	-0.214
4031	40.30	-0.136	-0.006	0.149	0.283	0.356	0.347	0.281	0.200	0.165	0.135
4041	40.40	0.157	0.177	0.162	0.100	0.012	-0.060	-0.079	-0.033	0.053	0.121
4051	40.50	0.115	0.001	-0.210	-0.459	-0.662	-0.741	-0.652	-0.403	-0.052	0.311
4061	40.60	0.594	0.730	0.697	0.519	0.256	-0.016	-0.225	-0.332	-0.329	-0.246
4071	40.70	-0.127	-0.019	0.050	0.079	0.084	0.092	0.122	0.174	0.236	0.287
4081	40.80	0.316	0.326	0.331	0.344	0.370	0.394	0.391	0.345	0.259	0.158
4091	40.90	0.086	0.073	0.116	0.176	0.188	0.095	-0.121	-0.417	-0.702	-0.676
4101	41.00	-0.869	-0.678	-0.369	-0.048	0.187	0.281	0.244	0.133	0.015	-0.066
4111	41.10	-0.107	-0.135	-0.175	-0.228	-0.259	-0.219	-0.080	0.137	0.358	0.483
4121	41.20	0.439	0.220	-0.098	-0.386	-0.519	-0.437	-0.178	0.136	0.353	0.360
4131	41.30	0.135	-0.246	-0.636	-0.900	-0.952	-0.795	-0.504	-0.182	0.083	0.257
4141	41.40	0.353	0.409	0.456	0.494	0.503	0.457	0.352	0.219	0.113	0.084
4151	41.50	0.156	0.306	0.473	0.589	0.605	0.514	0.352	0.177	0.044	-0.017
4161	41.60	-0.008	0.043	0.105	0.153	0.179	0.188	0.174	0.150	0.106	0.040
4171	41.70	-0.040	-0.118	-0.170	-0.178	-0.139	-0.070	0.001	0.044	0.045	0.014
4181	41.80	-0.022	-0.030	0.012	0.101	0.210	0.293	0.306	0.226	0.058	-0.161
4191	41.90	-0.372	-0.521	-0.571	-0.518	-0.393	-0.248	-0.161	-0.115	-0.180	-0.312
4201	42.00	-0.465	-0.581	-0.621	-0.567	-0.431	-0.266	-0.046	0.143	0.310	0.454
4211	42.10	0.576	0.659	0.687	0.630	0.476	0.238	-0.039	-0.291	-0.453	-0.486
4221	42.20	-0.390	-0.207	-0.002	0.158	0.229	0.204	0.103	-0.036	-0.177	-0.297
4231	42.30	-0.387	-0.448	-0.478	-0.469	-0.411	-0.297	-0.138	0.036	0.186	0.269
4241	42.40	0.262	0.169	0.022	-0.130	-0.260	-0.279	-0.243	-0.156	-0.056	0.021
4251	42.50	0.054	0.045	0.016	-0.001	0.022	0.096	0.210	0.330	0.419	0.445
4261	42.60	0.398	0.293	0.166	0.059	0.007	0.020	0.086	0.178	0.266	0.328
4271	42.70	0.360	0.369	0.362	0.340	0.292	0.205	0.076	-0.081	-0.229	-0.328
4281	42.80	-0.347	-0.288	-0.186	-0.097	-0.077	-0.152	-0.310	-0.500	-0.662	-0.751
4291	42.90	-0.756	-0.700	-0.622	-0.550	-0.487	-0.408	-0.281	-0.094	0.128	0.325
4301	43.00	0.430	0.405	0.265	0.077	-0.060	-0.070	0.071	0.312	0.556	0.702
4311	43.10	0.691	0.539	0.324	0.148	0.098	0.157	0.302	0.436	0.481	0.412
4321	43.20	0.270	0.137	0.091	0.167	0.329	0.492	0.559	0.469	0.229	-0.089
4331	43.30	-0.374	-0.532	-0.516	-0.350	-0.110	0.111	0.241	0.256	0.178	0.065
4341	43.40	-0.025	-0.052	-0.007	0.089	0.198	0.284	0.323	0.306	0.242	0.148
4351	43.50	0.069	-0.033	-0.086	-0.100	-0.086	-0.058	-0.034	-0.027	-0.036	-0.056
4361	43.60	-0.073	-0.084	-0.097	-0.133	-0.216	-0.355	-0.537	-0.718	-0.842	-0.856
4371	43.70	-0.741	-0.516	-0.243	0.003	0.158	0.195	0.130	0.011	-0.106	-0.185
4381	43.80	-0.217	-0.223	-0.233	-0.266	-0.317	-0.357	-0.351	-0.282	-0.162	-0.031
4391	43.90	0.056	0.054	-0.045	-0.214	-0.391	-0.514	-0.536	-0.449	-0.286	-0.098
4401	44.00	0.058	0.148	0.165	0.129	0.075	0.034	0.023	0.045	0.089	0.138
4411	44.10	0.180	0.201	0.207	0.187	0.151	0.101	0.051	0.020	0.032	0.104
4421	44.20	0.239	0.422	0.611	0.756	0.806	0.729	0.527	0.237	-0.077	-0.341
4431	44.30	-0.495	-0.510	-0.397	-0.202	0.011	0.180	0.265	0.260	0.190	0.097
4441	44.40	0.026	0.003	0.031	0.089	0.142	0.160	0.128	0.050	-0.050	-0.144
4451	44.50	-0.207	-0.230	-0.218	-0.186	-0.151	-0.126	-0.114	-0.113	-0.121	-0.135
4461	44.60	-0.154	-0.173	-0.180	-0.159	-0.092	0.028	0.187	0.347	0.459	0.477
4471	44.70	0.383	0.198	-0.015	-0.178	-0.225	-0.136	0.056	0.268	0.404	0.398
4481	44.80	0.242	-0.005	-0.240	-0.359	-0.301	-0.079	0.228	0.507	0.658	0.657
4491	44.90	0.474	0.252	0.070	0.001	0.057	0.194	0.336	0.414	0.396	0.302

Table 7-24-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

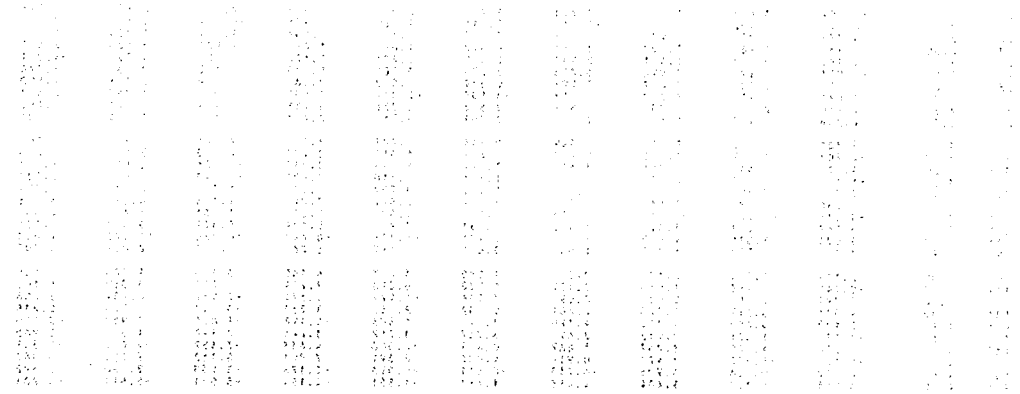
INDEX NO. 1960 3715-GR-1-1 HB. (HB.) NAKATSU ES. MAX. ACC. = -70.279 (GAL) T= 4.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.186	0.108	0.104	0.168	0.263	0.336	0.353	0.306	0.214	0.109
4511	45.10	0.017	-0.057	-0.124	-0.198	-0.281	-0.353	-0.384	-0.346	-0.234	-0.076
4521	45.20	0.079	0.177	0.189	0.120	0.012	-0.080	-0.113	-0.074	0.015	0.111
4531	45.30	0.174	0.185	0.154	0.114	0.090	0.094	0.106	0.098	0.027	-0.103
4541	45.40	-0.270	-0.431	-0.540	-0.573	-0.537	-0.446	-0.402	-0.372	-0.378	-0.394
4551	45.50	-0.396	-0.360	-0.295	-0.231	-0.206	-0.243	-0.332	-0.454	-0.549	-0.587
4561	45.60	-0.558	-0.482	-0.395	-0.332	-0.306	-0.307	-0.309	-0.290	-0.240	-0.174
4571	45.70	-0.112	-0.071	-0.045	-0.012	0.056	0.171	0.313	0.436	0.477	0.405
4581	45.80	0.226	-0.005	-0.204	-0.295	-0.247	-0.089	0.099	0.225	0.226	0.097
4591	45.90	-0.100	-0.273	-0.335	-0.249	-0.041	0.212	0.419	0.517	0.497	0.397
4601	46.00	0.285	0.213	0.200	0.223	0.231	0.185	0.073	-0.074	-0.202	-0.262
4611	46.10	-0.234	-0.142	-0.038	0.021	0.005	-0.073	-0.160	-0.189	-0.112	0.076
4621	46.20	0.331	0.574	0.724	0.732	0.596	0.364	0.115	-0.074	-0.152	-0.114
4631	46.30	0.007	0.153	0.264	0.301	0.254	0.144	0.005	-0.124	-0.218	-0.268
4641	46.40	-0.276	-0.255	-0.212	-0.153	-0.079	0.006	0.090	0.153	0.172	0.134
4651	46.50	0.045	-0.071	-0.172	-0.221	-0.201	-0.127	-0.039	0.007	-0.029	-0.152
4661	46.60	-0.327	-0.491	-0.579	-0.551	-0.412	-0.206	0.005	0.176	0.293	0.382
4671	46.70	0.486	0.634	0.815	0.976	1.040	0.946	0.683	0.309	-0.065	-0.321
4681	46.80	-0.379	-0.236	0.031	0.301	0.457	0.437	0.257	-0.094	-0.239	-0.366
4691	46.90	-0.362	-0.265	-0.149	-0.089	-0.117	-0.214	-0.318	-0.358	-0.286	-0.102
4701	47.00	0.152	0.410	0.607	0.700	0.684	0.575	0.408	0.214	0.020	-0.156
4711	47.10	-0.301	-0.402	-0.451	-0.447	-0.398	-0.320	-0.234	-0.155	-0.091	-0.041
4721	47.20	-0.002	0.023	0.026	-0.006	-0.075	-0.168	-0.254	-0.293	-0.255	-0.136
4731	47.30	0.031	0.190	0.277	0.251	0.108	-0.112	-0.340	-0.512	-0.588	-0.566
4741	47.40	-0.481	-0.382	-0.309	-0.279	-0.277	-0.272	-0.235	-0.152	-0.031	0.105
4751	47.50	0.230	0.327	0.389	0.420	0.428	0.415	0.382	0.332	0.268	0.236
4761	47.60	0.229	0.264	0.332	0.400	0.425	0.372	0.231	0.027	-0.185	-0.344
4771	47.70	-0.404	-0.356	-0.228	-0.074	0.050	0.109	0.102	0.053	0.002	-0.020
4781	47.80	0.001	0.051	0.108	0.146	0.151	0.121	0.066	0.000	-0.066	-0.125
4791	47.90	-0.170	-0.192	-0.184	-0.144	-0.080	-0.014	0.025	0.014	-0.051	-0.151
4801	48.00	-0.246	-0.292	-0.282	-0.160	-0.024	0.090	0.132	0.078	-0.056	-0.226
4811	48.10	-0.381	-0.482	-0.514	-0.505	-0.479	-0.410	-0.350	-0.329	-0.368	-0.250
4821	48.20	-0.083	0.101	0.255	0.343	0.367	0.280	0.175	0.065	-0.026	-0.090
4831	48.30	-0.132	-0.158	-0.166	-0.147	-0.095	-0.016	0.065	0.114	0.104	0.035
4841	48.40	-0.057	-0.113	-0.075	0.085	0.342	0.623	0.836	0.906	0.809	0.586
4851	48.50	0.321	0.105	-0.001	0.005	0.077	0.145	0.154	0.094	-0.003	-0.082
4861	48.60	-0.097	-0.060	0.055	0.135	0.150	0.091	-0.013	-0.104	-0.131	-0.075
4871	48.70	0.037	0.149	0.202	0.169	0.068	-0.069	-0.119	-0.104	-0.006	0.130
4881	48.80	0.243	0.287	0.244	0.144	0.024	-0.075	-0.136	-0.170	-0.200	-0.247
4891	48.90	-0.310	-0.370	-0.401	-0.387	-0.333	-0.265	-0.214	-0.198	-0.211	-0.226
4901	49.00	-0.215	-0.184	-0.090	-0.029	-0.025	-0.095	-0.224	-0.362	-0.454	-0.459
4911	49.10	-0.380	-0.258	-0.154	-0.117	-0.163	-0.262	-0.360	-0.401	-0.356	-0.236
4921	49.20	-0.078	0.073	0.188	0.264	0.320	0.375	0.437	0.491	0.510	0.478
4931	49.30	0.398	0.300	0.223	0.193	0.206	0.226	0.206	0.118	-0.027	-0.177
4941	49.40	-0.259	-0.216	-0.044	0.201	0.426	0.536	0.487	0.303	0.089	-0.109
4951	49.50	-0.155	-0.056	0.131	0.315	0.409	0.381	0.258	0.113	0.021	0.020
4961	49.60	0.091	0.170	0.187	0.104	-0.062	-0.245	-0.362	-0.358	-0.232	-0.039
4971	49.70	0.135	0.216	0.174	0.035	-0.132	-0.254	-0.283	-0.216	-0.091	0.036
4981	49.80	0.117	0.136	0.102	0.045	-0.008	-0.045	-0.068	-0.087	-0.107	-0.122
4991	49.90	-0.121	-0.094	-0.045	0.008	0.041	0.036	-0.011	-0.075	-0.128	-0.146

Tablo 7-24-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1960 S715-GR-1-1 HB. (HB.) NAKATSU E8. MAX. ACC. = -70.279 (GAL) T= 4.66 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
5001	50.00	-0.128	-0.097	-0.089	-0.137	-0.243	-0.380	-0.492	-0.520	-0.429	-0.222
5011	50.10	0.054	0.330	0.540	0.640	0.627	0.530	0.397	0.276	0.200	0.180
5021	50.20	0.209	0.270	0.340	0.398	0.426	0.405	0.335	0.225	0.098	-0.012
5031	50.30	-0.074	-0.072	-0.017	0.057	0.110	0.108	0.051	-0.033	-0.090	-0.073
5041	50.40	0.034	0.205	0.377	0.475	0.451	0.301	0.079	-0.130	-0.249	-0.237
5051	50.50	-0.112	0.057	0.185	0.206	0.105	-0.078	-0.272	-0.404	-0.435	-0.372
5061	50.60	-0.263	-0.167	-0.127	-0.161	-0.240	-0.327	-0.390	-0.416	-0.416	-0.408
5071	50.70	-0.409	-0.415	-0.405	-0.353	-0.248	-0.193	0.049	0.164	0.211	0.186
5081	50.80	0.113	0.027	-0.057	-0.068	-0.082	-0.108	-0.173	-0.283	-0.416	-0.531
5091	50.90	-0.590	-0.572	-0.488	-0.374	-0.278	-0.233	-0.248	-0.301	-0.355	-0.370
5101	51.00	-0.324	-0.220	-0.075	0.083	0.234	0.367	0.479	0.569	0.629	0.640
5111	51.10	0.586	0.456	0.261	0.036	-0.172	-0.312	-0.351	-0.285	-0.144	0.020
5121	51.20	0.151	0.204	0.144	0.051	-0.091	-0.205	-0.242	-0.182	-0.034	0.160
5131	51.30	0.344	0.464	0.491	0.426	0.298	0.156	0.042	-0.020	-0.036	-0.029
5141	51.40	-0.031	-0.058	-0.103	-0.140	-0.130	-0.053	0.087	0.254	0.392	0.453
5151	51.50	0.414	0.293	0.139	0.014	-0.038	-0.005	0.088	0.189	0.250	0.244
5161	51.60	0.174	0.070	-0.030	-0.103	-0.147	-0.178	-0.219	-0.280	-0.367	-0.388
5171	51.70	-0.370	-0.278	-0.124	0.046	0.178	0.226	0.178	0.056	-0.088	-0.200
5181	51.80	-0.242	-0.209	-0.130	-0.049	-0.005	-0.016	-0.068	-0.127	-0.153	-0.119
5191	51.90	-0.021	0.120	0.266	0.380	0.435	0.425	0.361	0.265	0.163	0.076



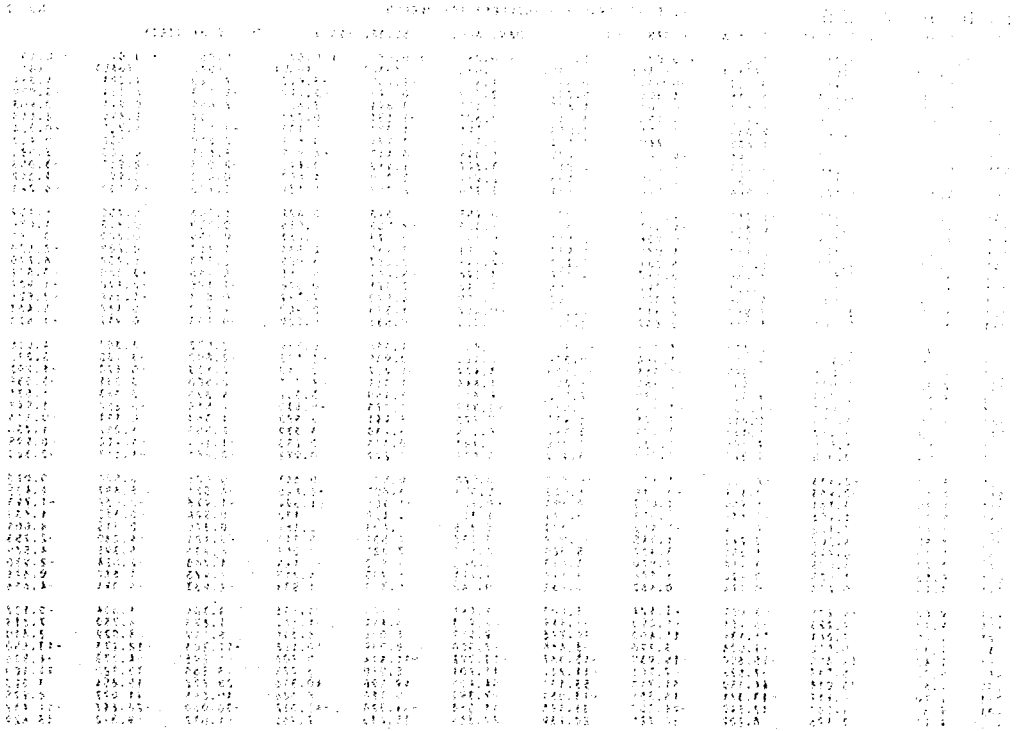


Table 7-25-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1964 712-GR-1-16 HA. (HA.) EDOGAWA EMB. MAX. ACC. = 55.182 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	2.087	3.075	3.777	4.133	4.195	4.071	3.869	3.546	3.107	2.467
11	0.10	1.640	0.768	0.111	-0.054	0.428	1.482	2.792	3.895	4.370	4.023
21	0.20	2.981	1.449	0.535	0.023	0.205	0.852	1.530	1.828	1.662	0.345
31	0.30	0.126	-0.211	0.126	1.105	2.394	3.531	4.140	4.109	3.621	3.042
41	0.40	2.714	2.771	3.078	3.311	3.157	2.499	1.504	0.558	0.071	0.259
51	0.50	1.015	1.940	2.516	2.358	1.398	-0.073	-1.524	-2.423	-2.462	-1.673
61	0.60	-0.398	0.886	1.768	2.052	1.787	1.181	0.464	-0.221	-0.843	-1.430
71	0.70	-1.966	-2.332	-2.336	-1.800	-0.690	0.803	2.291	3.318	3.540	2.881
81	0.80	1.579	0.102	-1.024	-1.418	-0.973	0.125	1.494	2.708	3.451	3.593
91	0.90	3.194	2.440	1.560	0.760	0.194	-0.042	0.086	0.543	1.211	1.886
101	1.00	2.322	2.302	1.732	0.704	-0.509	-1.526	-2.006	-1.764	-0.858	0.433
111	1.10	1.718	2.636	2.974	2.717	2.012	1.076	0.108	-0.755	-1.428	-1.837
121	1.20	-1.889	-1.492	-0.626	0.584	1.829	2.675	2.707	1.717	-0.161	-2.432
131	1.30	-4.383	-5.325	-4.863	-3.066	-0.469	2.107	3.842	4.201	3.117	0.986
141	1.40	-1.609	-3.514	-4.604	-4.430	-3.154	-1.195	0.882	2.521	3.299	3.005
151	1.50	1.678	-0.395	-2.730	-4.742	-5.889	-5.834	-4.572	-2.470	-0.181	1.547
161	1.60	2.132	1.364	-0.502	-2.826	-4.802	-5.745	-5.320	-3.641	-1.200	1.329
171	1.70	3.320	4.376	4.388	3.488	1.927	-0.028	-2.146	-4.212	-5.984	-7.174
181	1.80	-7.495	-6.768	-5.049	-2.686	-0.262	1.552	2.249	1.669	0.088	-1.872
191	1.90	-3.460	-4.073	-3.482	-1.905	0.084	1.773	2.580	2.250	0.925	-0.931
201	2.00	-2.707	-3.856	-4.055	-3.276	-1.765	0.051	1.688	2.723	2.881	2.096
211	2.10	0.520	-1.492	-3.456	-4.865	-5.314	-4.629	-2.936	-0.654	1.603	3.200
221	2.20	3.663	2.832	0.920	-1.543	-3.852	-5.329	-5.507	-4.259	-1.633	1.216
231	2.30	4.160	6.267	7.087	6.383	4.392	1.675	-1.010	-2.927	-3.580	-2.875
241	2.40	-1.162	0.877	2.451	2.938	2.105	0.201	-2.120	-4.026	-4.794	-4.064
251	2.50	-1.951	0.997	3.990	6.258	7.278	6.905	5.365	3.147	0.831	-1.074
261	2.60	-2.234	-2.532	-2.047	-0.997	0.319	1.578	2.485	2.819	2.676	1.500
271	2.70	0.085	-1.458	-2.762	-3.517	-3.535	-2.814	-1.539	-0.024	1.383	2.403
281	2.80	2.910	2.961	2.756	2.561	2.592	2.926	3.458	3.929	4.021	3.482
291	2.90	2.246	0.486	-1.415	-2.973	-3.761	-3.555	-2.411	-0.650	1.245	2.781
301	3.00	3.605	3.582	2.811	1.549	0.111	-1.221	-2.262	-2.924	-3.196	-3.108
311	3.10	-2.707	-2.052	-1.215	-0.286	0.647	1.512	2.277	2.948	3.541	4.053
321	3.20	4.431	4.569	4.344	3.674	2.577	1.193	-0.230	-1.406	-2.088	-2.151
331	3.30	-1.624	-0.684	0.381	1.265	1.696	1.510	0.494	-0.598	-2.058	-3.283
341	3.40	-3.874	-3.552	-2.275	-0.287	1.919	3.132	4.223	4.324	2.934	0.879
351	3.50	-1.250	-2.923	-3.864	-4.123	-3.997	-3.847	-3.894	-4.104	-4.223	-3.936
361	3.60	-3.065	-1.707	-0.210	0.986	1.579	1.573	1.285	1.181	1.601	2.535
371	3.70	3.567	4.043	3.397	1.478	-1.281	-3.977	-5.579	-5.379	-3.332	-0.121
381	3.80	3.075	5.031	4.949	2.740	-0.974	-5.136	-8.668	-10.726	-11.076	-9.856
391	3.90	-7.500	-4.517	-1.372	1.531	3.821	5.149	5.262	4.131	2.064	-0.303
401	4.00	-2.175	-2.884	-2.174	-0.336	1.888	3.607	4.165	3.425	1.825	0.165
411	4.10	-0.745	-0.443	1.010	3.137	5.222	6.698	7.299	7.090	6.312	5.186
421	4.20	3.791	2.087	0.064	-2.096	-3.964	-4.977	-4.674	-2.962	-0.239	2.688
431	4.30	4.886	5.649	4.776	2.641	0.032	-2.160	-3.268	-3.047	-1.708	0.238
441	4.40	2.190	3.650	4.320	4.120	3.140	1.596	-0.198	-1.858	-2.982	-3.250
451	4.50	-2.538	-1.001	0.932	2.692	3.767	3.912	3.246	2.198	1.309	0.980
461	4.60	1.276	1.888	2.267	1.867	0.404	-2.006	-4.863	-7.452	-9.092	-9.343
471	4.70	-8.120	-5.672	-2.476	0.919	4.006	6.391	7.808	8.112	7.271	5.367
481	4.80	2.619	-0.626	-3.908	-6.713	-8.561	-9.096	-8.178	-5.938	-2.790	0.622
491	4.90	3.548	5.309	5.484	4.056	1.447	-1.581	-4.154	-5.571	-5.541	-4.284

Table 7-25-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1964 712-GR-1-16 HA. (HA.) EDOGAWA EMB. MAX. ACC. = 55.182 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-2.438	-0.806	-0.031	-0.343	-1.467	-2.745	-3.417	-2.940	-1.221	1.331
511	5.10	3.953	5.814	6.306	5.239	2.899	-0.097	-2.999	-5.153	-6.161	-5.929
521	5.20	-4.437	-2.667	-0.401	1.665	3.181	3.891	3.690	2.644	0.991	-0.903
531	5.30	-2.616	-3.776	-4.153	-3.712	-2.608	-1.131	0.887	1.657	2.490	2.813
541	5.40	2.649	2.080	1.224	0.215	-0.791	-1.628	-2.133	-2.181	-1.725	-0.824
551	5.50	0.368	1.632	2.749	3.554	3.964	3.971	3.604	2.889	1.830	0.427
561	5.60	-1.277	-3.146	-4.924	-6.270	-6.845	-6.417	-4.959	-2.681	0.003	2.588
571	5.70	4.598	5.703	5.781	4.914	3.347	1.419	-0.498	-2.053	-2.962	-3.055
581	5.80	-2.323	-0.956	0.688	2.133	2.939	2.849	1.897	0.432	-0.993	-1.812
591	5.90	-1.672	-0.586	1.046	2.571	3.316	2.847	1.134	-1.425	-4.138	-6.243
601	6.00	-7.151	-6.612	-4.757	-2.032	0.955	3.598	5.422	6.163	5.785	4.459
611	6.10	2.515	0.378	-1.518	-2.813	-3.302	-2.983	-2.055	-0.850	0.273	1.039
621	6.20	1.338	1.232	0.904	0.561	0.341	0.273	0.267	0.285	0.220	0.140
631	6.30	0.174	0.467	1.079	1.916	2.721	3.135	2.834	1.657	-0.289	-2.626
641	6.40	-4.790	-6.187	-6.381	-5.223	-2.911	0.067	3.065	5.448	6.752	6.770
651	6.50	5.575	3.664	0.872	-1.728	-3.898	-5.281	-5.855	-4.916	-3.260	-0.892
661	6.60	1.498	3.963	5.392	5.656	4.718	2.871	0.678	-1.195	-2.978	-1.982
671	6.70	-0.687	1.284	3.309	4.767	5.229	4.570	2.979	0.873	-1.244	-2.924
681	6.80	-3.873	-3.983	-3.317	-2.050	-0.417	1.338	2.980	4.309	5.166	5.463
691	6.90	5.199	4.466	3.439	2.328	1.323	0.536	-0.029	-0.468	-0.919	-1.488
701	7.00	-2.181	-2.670	-3.327	-3.302	-2.638	-1.354	0.329	2.038	3.367	4.018
711	7.10	3.901	3.148	2.044	0.889	-0.125	-0.985	-1.822	-2.800	-3.980	-5.232
721	7.20	-6.256	-6.695	-6.311	-5.120	-3.429	-1.737	-0.548	-0.133	-0.490	-1.292
731	7.30	-2.081	-2.480	-2.361	-1.895	-1.444	-1.361	-1.795	-2.588	-3.331	-3.539
741	7.40	-2.875	-1.317	0.820	2.998	4.666	5.460	5.307	4.396	3.043	1.531
751	7.50	-0.007	-1.586	-3.283	-5.088	-6.813	-8.078	-8.430	-7.516	-5.258	-1.947
761	7.60	1.803	5.214	7.571	8.437	7.773	5.941	3.570	1.363	-0.111	-0.566
771	7.70	-0.047	1.122	2.471	3.547	4.054	3.930	3.339	2.585	1.982	1.735
781	7.80	1.860	2.186	2.436	2.344	1.783	0.828	-0.255	-1.104	-1.400	-0.995
791	7.90	0.018	1.327	2.508	3.169	3.087	2.277	0.972	-0.461	-1.657	-2.360
801	8.00	-2.483	-2.106	-1.416	-0.628	0.078	0.586	0.843	0.826	0.524	-0.073
811	8.10	-0.963	-2.109	-3.414	-4.725	-5.853	-6.607	-6.848	-6.521	-5.682	-4.465
821	8.20	-3.161	-1.959	-1.093	-0.683	-0.728	-1.101	-1.594	-1.976	-2.069	-1.798
831	8.30	-1.206	-0.431	0.352	0.983	1.359	1.428	1.172	0.578	-0.365	-1.633
841	8.40	-3.126	-4.624	-5.802	-6.303	-5.856	-4.403	-2.167	0.375	2.618	4.005
851	8.50	4.209	3.221	1.345	-0.919	-3.037	-4.581	-5.313	-5.184	-4.280	-2.755
861	8.60	-0.798	1.381	3.532	5.380	6.667	7.223	7.053	6.336	5.395	4.569
871	8.70	4.075	3.914	3.870	3.613	2.862	1.542	-0.145	-1.768	-2.824	-2.930
881	8.80	-1.985	-0.222	1.866	3.696	4.791	4.935	4.217	2.978	1.667	0.674
891	8.90	0.206	0.224	0.489	0.662	0.440	-0.319	-1.538	-2.933	-4.094	-4.626
901	9.00	-4.275	-3.027	-1.124	1.002	2.847	3.980	4.156	3.364	1.804	-0.187
911	9.10	-2.223	-3.951	-5.080	-5.444	-4.903	-3.449	-1.180	1.673	4.750	7.613
921	9.20	9.861	11.134	11.400	10.776	9.559	8.096	6.651	5.319	4.029	2.810
931	9.30	0.912	-1.098	-3.296	-5.468	-7.388	-8.939	-10.158	-11.206	-12.273	-13.450
941	9.40	-14.650	-15.600	-15.939	-15.367	-13.792	-11.414	-8.706	-6.296	-4.778	-4.526
951	9.50	-5.563	-7.522	-9.706	-11.229	-11.201	-8.910	-3.975	3.565	13.220	24.100
961	9.60	35.018	44.650	51.718	55.182	56.408	49.298	40.346	28.622	15.654	3.223
971	9.70	-6.919	-13.371	-15.381	-13.055	-7.393	-0.128	6.626	10.866	11.077	6.775
981	9.80	-1.567	-12.549	-24.209	-34.468	-41.558	-44.326	-42.372	-36.030	-26.247	-14.417
991	9.90	-2.196	8.702	16.725	20.739	20.264	15.630	7.965	-1.012	-9.372	-15.629

Table 7-25-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1964 712-GR-1-16 HA. (HA.) EDOGAWA EMB. MAX. ACC. = 55.182 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-18.134	-17.281	-13.472	-7.861	-1.809	3.464	7.104	8.705	8.269	6.236
1011	10.10	3.215	0.111	-2.076	-2.405	-0.260	4.409	10.913	17.884	23.567	26.307
1021	10.20	25.062	19.758	11.347	1.533	-7.731	-14.798	-18.730	-19.446	-17.595	-14.254
1031	10.30	-10.592	-7.610	-6.002	-6.111	-7.929	-11.066	-14.855	-18.202	-19.951	-19.063
1041	10.40	-14.963	-7.807	1.449	11.222	19.701	25.334	27.238	25.392	20.564	14.015
1051	10.50	7.113	0.999	-3.608	-6.436	-7.573	-7.338	-6.188	-4.663	-3.352	-2.850
1061	10.60	-3.650	-6.011	-9.825	-14.565	-19.339	-23.063	-24.717	-23.595	-19.491	-12.766
1071	10.70	-4.270	4.844	13.362	20.356	24.863	26.962	26.745	24.689	21.389	17.396
1081	10.80	13.111	8.772	4.501	0.388	-3.442	-6.816	-9.561	-11.570	-12.851	-13.509
1091	10.90	-13.669	-13.358	-12.436	-10.608	-7.565	-3.081	2.605	8.899	14.823	19.248
1101	11.00	21.191	20.092	15.971	9.428	1.480	-6.680	-13.935	-19.428	-22.647	-23.437
1111	11.10	-21.942	-18.536	-13.759	-8.245	-2.650	2.424	6.515	9.361	10.919	11.347
1121	11.20	10.938	10.043	9.003	8.096	7.517	7.359	7.602	8.098	8.574	8.663
1131	11.30	7.971	6.194	3.238	-0.659	-5.054	-9.086	-11.938	-12.911	-11.661	-8.329
1141	11.40	-3.549	1.682	6.229	9.088	9.610	7.642	3.524	-2.015	-8.039	-13.599
1151	11.50	-17.886	-20.323	-20.595	-18.639	-14.624	-8.935	-2.145	5.027	11.799	17.442
1161	11.60	21.407	23.416	23.488	21.883	18.998	15.241	10.959	6.416	1.843	-2.505
1171	11.70	-6.324	-9.287	-11.135	-11.763	-11.271	-9.933	-8.095	-6.049	-3.952	-1.832
1181	11.80	0.325	2.452	4.316	5.562	5.738	4.687	2.504	-0.333	-3.091	-5.025
1191	11.90	-5.635	-4.848	-3.043	-0.907	0.803	1.507	0.964	-0.693	-3.030	-5.450
1201	12.00	-7.328	-8.120	-7.446	-5.168	-1.466	3.108	7.655	11.070	12.316	10.766
1211	12.10	6.493	0.374	-6.066	-11.067	-13.163	-11.664	-6.876	-0.002	7.266	13.284
1221	12.20	16.924	17.810	16.251	12.950	8.661	3.941	-0.880	-5.560	-9.733	-12.801
1231	12.30	-14.004	-12.696	-8.679	-2.447	4.619	11.522	16.121	17.608	15.804	11.366
1241	12.40	5.515	-0.395	-5.281	-8.556	-10.115	-10.175	-9.022	-6.869	-3.852	-0.144
1251	12.50	3.906	7.717	10.565	11.798	11.080	8.551	4.821	0.790	-2.625	-4.752
1261	12.60	-5.310	-4.403	-2.399	0.237	3.073	5.755	7.985	9.484	9.991	9.321
1271	12.70	7.457	4.627	1.300	-1.915	-4.417	-5.810	-5.974	-5.081	-3.489	-1.595
1281	12.80	0.280	1.955	3.356	4.450	5.179	5.436	5.097	4.087	2.431	0.270
1291	12.90	-2.182	-4.694	-7.081	-9.214	-10.992	-12.287	-12.918	-12.667	-11.365	-8.998
1301	13.00	-5.807	-2.298	0.835	2.887	3.350	2.084	-0.610	-4.057	-7.383	-9.766
1311	13.10	-10.651	-9.905	-7.802	-4.915	-1.911	0.652	2.470	3.527	4.025	4.250
1321	13.20	4.427	4.638	4.821	4.852	4.650	4.262	3.862	3.675	3.841	4.299
1331	13.30	4.750	4.740	3.828	1.792	-1.233	-4.742	-8.005	-10.310	-11.206	-10.654
1341	13.40	-9.006	-6.833	-4.667	-2.792	-1.167	0.475	2.396	4.614	6.782	8.253
1351	13.50	8.332	6.598	3.164	-1.277	-5.633	-8.781	-9.960	-9.032	-6.493	-3.250
1361	13.60	-0.256	1.834	2.816	2.900	2.681	1.876	1.164	0.202	-1.201	-3.061
1371	13.70	-5.077	-6.469	-7.189	-6.208	-3.747	-0.332	3.160	5.802	6.929	6.335
1381	13.80	4.281	1.349	-1.790	-4.565	-6.588	-7.632	-7.554	-6.251	-3.699	-0.048
1391	13.90	4.279	8.566	11.923	13.509	12.792	9.736	4.846	-0.970	-6.636	-11.170
1401	14.00	-13.900	-14.529	-13.120	-10.008	-5.710	-0.852	3.874	7.762	10.173	10.647
1411	14.10	9.016	5.482	0.615	-4.741	-9.634	-13.192	-14.800	-14.214	-11.605	-7.530
1421	14.20	-2.830	1.523	4.628	5.860	5.034	2.485	-0.989	-4.327	-6.486	-6.736
1431	14.30	-4.847	-1.147	3.634	8.608	13.001	16.337	18.483	19.563	19.785	19.300
1441	14.40	18.122	16.171	13.370	9.759	5.553	1.123	-3.093	-6.698	-9.410	-11.094
1451	14.50	-11.726	-11.355	-10.068	-7.913	-5.111	-1.904	1.342	4.190	6.208	7.068
1461	14.60	6.638	5.022	2.555	-0.259	-2.847	-4.682	-5.389	-4.824	-3.105	-0.593
1471	14.70	2.179	4.624	6.236	6.701	5.971	4.253	1.949	-0.464	-2.547	-3.987
1481	14.80	-4.627	-4.441	-3.689	-1.865	0.312	2.886	5.621	8.186	10.174	11.180
1491	14.90	10.914	9.306	6.562	3.129	-0.422	-3.559	-5.948	-7.527	-8.486	-9.137

Table 7-25-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1964 712-GR-1-16 HA. (HA.) EDOGAWA EMB. MAX. ACC. = 55.182 (GAL) T= 9.64 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-9.768	-10.398	-10.917	-10.946	-10.089	-8.096	-4.995	-1.135	2.901	6.456
1511	15.10	8.977	10.148	9.936	8.561	6.311	3.635	0.888	-1.591	-3.499	-4.571
1521	15.20	-4.621	-3.608	-1.703	0.696	3.010	4.609	4.982	3.891	1.455	-1.868
1531	15.30	-5.397	-8.414	-10.348	-10.914	-10.171	-8.479	-6.382	-4.457	-3.145	-2.637
1541	15.40	-2.818	-3.298	-3.515	-2.896	-1.026	2.209	6.504	11.461	16.108	19.674
1551	15.50	21.666	21.063	18.405	13.768	7.704	0.937	-5.753	-11.627	-16.088	-18.728
1561	15.60	-19.377	-18.111	-15.239	-11.251	-6.744	-2.330	1.449	4.200	5.730	6.070
1571	15.70	5.403	4.315	3.121	2.347	2.316	3.117	4.561	6.222	7.555	8.064
1581	15.80	7.462	5.777	3.359	0.760	-1.325	-2.444	-2.316	-0.971	1.284	3.987
1591	15.90	6.623	8.719	9.913	9.969	8.794	6.434	3.081	-0.935	-5.174	-9.141
1601	16.00	-12.361	-14.456	-15.213	-14.613	-12.833	-10.210	-7.198	-4.295	-1.971	-0.570
1611	16.10	-0.230	-0.817	-1.925	-2.953	-3.266	-2.382	-0.174	3.051	6.612	9.614
1621	16.20	11.229	10.951	8.751	5.078	0.706	-3.510	-6.878	-9.023	-9.896	-9.692
1631	16.30	-8.683	-7.104	-5.099	-2.768	-0.249	2.203	4.223	5.420	5.516	4.466
1641	16.40	2.507	0.090	-2.261	-4.119	-5.269	-5.709	-5.572	-4.989	-3.992	-2.510
1651	16.50	-0.461	2.102	4.880	7.328	8.786	8.717	6.940	3.759	-0.076	-3.578
1661	16.60	-5.830	-6.255	-4.771	-1.766	2.070	5.975	9.316	11.680	12.869	12.830
1671	16.70	11.587	9.227	5.962	2.078	-1.856	-5.254	-7.556	-8.612	-7.797	-6.015
1681	16.80	-3.597	-1.133	0.906	2.266	2.913	2.956	2.546	1.782	0.721	-0.591
1691	16.90	-2.043	-3.424	-4.444	-4.808	-4.323	-2.982	-0.990	1.284	3.395	4.944
1701	17.00	5.667	5.490	4.524	3.026	1.335	-0.201	-1.294	-1.764	-1.581	-0.866
1711	17.10	0.128	1.062	1.582	1.397	0.344	-1.564	-4.128	-6.991	-9.701	-11.806
1721	17.20	-12.953	-12.973	-11.923	-10.067	-7.800	-5.527	-3.549	-1.996	-0.831	0.075
1731	17.30	0.839	1.473	1.878	1.903	1.465	0.649	-0.258	-0.850	-0.756	0.180
1741	17.40	1.799	3.656	5.176	5.881	5.586	4.483	3.068	1.938	1.561	2.096
1751	17.50	3.341	4.816	5.948	6.257	5.493	3.687	1.111	-1.810	-4.600	-6.819
1761	17.60	-8.141	-8.408	-7.689	-6.184	-4.380	-2.716	-1.699	-1.458	-1.975	-2.974
1771	17.70	-4.056	-4.858	-5.170	-4.979	-4.512	-3.630	-2.723	-1.683	-0.457	0.948
1781	17.80	2.378	3.518	3.991	3.513	2.647	-0.127	-2.491	-4.608	-5.625	-5.331
1791	17.90	-4.237	-2.490	-0.514	1.338	2.854	3.956	4.626	4.838	4.537	3.687
1801	18.00	2.345	0.718	-0.856	-2.000	-2.429	-2.062	-1.048	0.295	1.623	2.692
1811	18.10	3.442	3.970	4.443	4.979	5.566	6.071	6.307	6.165	5.579	4.763
1821	18.20	3.838	3.033	2.383	1.815	1.178	0.313	-0.702	-1.823	-2.760	-3.333
1831	18.30	-3.343	-2.858	-2.044	-1.208	-0.570	-0.220	-0.066	0.131	0.636	1.440
1841	18.40	3.165	5.038	6.938	8.496	9.398	9.664	8.685	7.195	5.216	2.984
1851	18.50	0.693	-1.529	-3.617	-5.527	-7.199	-8.519	-9.315	-9.393	-8.587	-6.836
1861	18.60	-4.235	-1.053	2.307	5.394	7.813	9.327	9.903	9.704	9.012	8.133
1871	18.70	7.297	6.609	6.053	5.540	4.973	4.291	3.490	2.600	1.659	0.700
1881	18.80	-0.265	-1.113	-1.783	-2.087	-1.851	-0.979	0.475	2.282	4.073	5.455
1891	18.90	6.123	5.989	5.183	4.004	2.792	1.795	1.093	0.600	0.137	-0.447

Table 7-26-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1965 712-GR-1-16 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 13.596 (GAL) T= 0.34 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	2.600	2.142	1.351	0.641	0.329	0.476	0.867	1.132	0.944	0.208
11	0.10	-0.878	-1.893	-2.381	-2.052	-0.905	0.777	2.553	3.995	4.827	4.974
21	0.20	4.512	3.580	2.305	0.803	-0.767	-2.129	-2.873	-2.543	-0.614	2.297
31	0.30	6.301	10.267	13.039	13.596	11.433	6.809	0.758	-5.179	-9.419	-10.857
41	0.40	-9.261	-5.267	-0.331	3.956	6.343	6.371	4.490	1.834	-0.279	-0.893
51	0.50	0.195	3.392	4.600	5.733	5.211	3.228	0.651	-1.381	-1.989	-0.949
61	0.60	1.113	3.180	4.130	3.354	1.009	-2.035	-4.578	-5.592	-4.644	-2.038
71	0.70	1.349	4.456	6.450	6.996	6.281	4.827	3.218	1.868	0.936	0.384
81	0.80	0.104	0.025	0.142	0.458	0.908	1.331	1.518	1.325	0.769	0.057
91	0.90	-0.499	-0.630	-0.247	0.502	1.305	1.847	1.969	1.758	1.485	1.454
101	1.00	1.809	2.425	2.935	2.893	1.993	0.246	-1.977	-4.065	-5.389	-5.550
111	1.10	-4.527	-2.683	-0.630	0.993	1.737	1.470	0.382	-1.116	-2.553	-3.560
121	1.20	-3.968	-3.826	-3.339	-2.759	-2.273	-1.921	-1.596	-1.089	-0.205	1.126
131	1.30	2.777	4.421	5.617	5.954	5.196	3.390	0.872	-1.818	-4.090	-5.470
141	1.40	-5.722	-4.889	-3.256	-1.249	0.673	2.120	2.829	2.700	1.804	0.372
151	1.50	-1.234	-2.586	-3.284	-3.067	-1.907	-0.048	2.042	3.792	4.705	4.510
161	1.60	3.249	1.258	-0.943	-2.820	-3.979	-4.271	-3.795	-2.846	-1.797	-0.993
171	1.70	-0.668	-0.905	-1.637	-2.672	-3.745	-4.568	-4.893	-4.547	-3.577	-2.065
181	1.80	-0.305	1.360	2.607	3.214	3.124	2.452	1.444	0.406	-0.387	-0.759
191	1.90	-0.667	-0.193	0.499	1.224	1.832	2.249	2.478	2.585	2.645	2.704
201	2.00	2.738	2.660	2.350	1.712	0.740	-0.448	-1.625	-2.512	-2.875	-2.619
211	2.10	-1.838	-0.806	0.112	0.576	0.399	-0.390	-1.546	-2.698	-3.476	-3.632
221	2.20	-3.117	-2.082	-0.801	0.432	1.405	2.043	2.397	2.579	2.680	2.702
231	2.30	2.549	2.066	1.118	-0.322	-2.104	-4.009	-5.611	-6.579	-6.682	-5.078
241	2.40	-4.332	-2.576	-0.430	1.097	1.900	1.842	0.985	-0.413	-1.954	-3.183
251	2.50	-3.697	-3.265	-1.910	0.068	2.151	3.743	4.350	3.744	2.051	-0.283
261	2.60	-2.632	-4.393	-5.182	-4.937	-3.907	-2.530	-1.264	-0.432	-0.154	-0.355
271	2.70	-0.851	-1.436	-1.946	-2.271	-2.333	-2.069	-1.443	-0.485	0.659	1.737
281	2.80	2.444	2.547	2.003	1.021	0.016	-0.543	-0.328	0.690	2.209	3.698
291	2.90	4.610	4.607	3.694	2.206	0.662	-0.458	-0.888	-0.852	0.003	0.756
301	3.00	1.373	1.765	2.070	2.364	2.643	2.867	2.812	2.289	1.252	-0.131
311	3.10	-1.504	-2.455	-2.680	-2.120	-0.992	0.292	1.292	1.713	1.519	0.943
321	3.20	0.379	0.221	0.689	1.733	3.024	4.062	4.348	3.569	1.733	-0.792
331	3.30	-3.371	-5.287	-5.980	-5.252	-3.362	-0.966	1.100	2.113	1.761	0.175
341	3.40	-1.936	-3.733	-4.507	-4.006	-2.557	-0.953	-0.110	-0.660	-2.623	-5.339
351	3.50	-7.675	-8.476	-7.044	-3.477	1.311	5.889	8.839	9.302	7.306	3.762
361	3.60	0.105	-2.263	-2.514	-0.693	2.346	5.248	6.995	6.629	4.630	1.783
371	3.70	-0.747	-2.002	-1.618	0.054	2.138	5.635	8.855	9.692	8.639	-1.462
381	3.80	-2.799	-2.938	-1.980	-0.480	0.636	1.405	1.073	0.145	-0.776	-1.073
391	3.90	-0.389	1.206	3.253	5.081	6.061	5.829	4.388	2.068	-0.600	-3.057
401	4.00	-4.848	-5.669	-5.483	-4.269	-2.300	0.174	2.735	4.939	6.384	6.809
411	4.10	6.181	4.716	2.819	0.944	-0.554	-1.533	-2.072	-2.382	-2.650	-2.908
421	4.20	-2.984	-2.584	-1.459	0.408	2.700	4.816	6.048	5.949	4.565	1.722
431	4.30	-1.590	-3.468	-4.423	-3.828	-1.993	0.372	2.428	3.512	3.339	2.054
441	4.40	0.107	-1.943	-3.626	-4.665	-4.984	-4.627	-3.685	-2.257	-0.471	1.464
451	4.50	3.241	4.499	4.932	4.615	3.082	1.300	-0.449	-1.741	-2.345	-2.269
461	4.60	-1.696	-0.854	0.092	1.081	2.090	3.030	3.669	3.663	2.708	0.744
471	4.70	-1.890	-4.471	-6.090	-6.000	-3.960	-0.411	3.605	6.788	8.050	6.932
481	4.80	3.781	-0.378	-4.229	-6.653	-7.114	-5.805	-3.506	-1.229	0.176	0.314
491	4.90	-0.676	-2.255	-3.746	-4.599	-4.558	-3.688	-2.274	-0.690	0.748	1.827

Table 7-26-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1965 712-GR-1-16 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 13.596 (GAL) T= 0.34 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	2.431	2.517	2.077	1.155	-0.127	-1.544	-2.786	-3.528	-3.539	-2.782
511	5.10	-1.455	0.055	1.292	1.892	1.709	0.856	-0.350	-1.541	-2.436	-2.944
521	5.20	-3.168	-3.308	-3.522	-3.816	-4.024	-3.893	-3.233	-2.059	-0.643	0.567
531	5.30	1.129	0.815	-0.262	-1.660	-2.782	-3.127	-2.512	-1.155	0.416	1.599
541	5.40	1.987	1.550	0.666	-0.146	-0.280	0.518	2.145	4.178	6.045	7.269
551	5.50	7.597	7.051	5.850	4.280	2.592	0.959	-0.508	-1.698	-2.506	-2.868
561	5.60	-2.732	-2.298	-1.808	-1.544	-1.690	-2.207	-2.807	-3.201	-2.969	-2.028
571	5.70	-0.553	1.052	2.333	2.973	2.932	2.433	1.831	1.115	1.253	1.159
581	5.80	0.796	-0.133	-1.703	-3.684	-5.605	-6.925	-7.239	-6.429	-4.679	-2.377
591	5.90	0.046	2.268	4.135	5.630	6.770	7.512	7.718	7.213	5.901	3.872
601	6.00	1.455	-0.868	-2.506	-3.146	-2.692	-1.400	0.229	1.629	2.358	2.240
611	6.10	1.396	0.181	-1.069	-1.985	-2.480	-2.545	-2.388	-2.130	-1.820	-1.413
621	6.20	-0.823	-0.026	0.885	1.683	2.103	1.951	1.257	0.203	-0.644	-1.534
631	6.30	-1.670	-1.299	-0.685	-0.184	-0.066	-0.391	-0.972	-1.471	-1.562	-1.094
641	6.40	-0.168	0.901	1.722	2.000	1.657	0.868	-0.121	-0.935	-1.401	-1.504
651	6.50	-1.380	-1.229	-1.209	-1.373	-1.656	-1.934	-2.059	-1.937	-1.537	-0.899
661	6.60	-0.124	0.638	1.211	1.427	1.179	0.682	-0.495	-1.445	-2.009	-1.908
671	6.70	-1.061	0.362	1.986	3.384	4.150	4.215	3.670	2.779	1.811	0.919
681	6.80	0.107	-0.698	-1.522	-2.269	-2.618	-2.343	-1.298	0.351	2.134	3.438
691	6.90	3.763	2.977	1.406	-0.288	-1.295	-1.191	0.032	1.882	3.507	4.243
701	7.00	3.734	2.187	0.158	-1.538	-2.351	-2.121	-1.120	0.123	1.083	1.474
711	7.10	1.336	0.954	0.677	0.732	1.128	1.685	2.160	2.381	2.318	2.070
721	7.20	1.771	1.494	1.210	0.811	0.206	-0.603	-1.483	-2.218	-2.605	-2.549
731	7.30	-2.113	-1.479	-0.866	-0.421	-0.162	0.012	0.256	0.678	1.271	1.901
741	7.40	2.349	2.397	1.911	0.895	-0.502	-2.019	-3.346	-4.194	-4.369	-3.819
751	7.50	-2.672	-1.222	0.127	0.972	1.031	0.258	-1.114	-2.623	-3.718	-3.941
761	7.60	-3.098	-1.332	0.916	2.165	3.176	4.198	4.538	3.891	2.553	0.953
771	7.70	-1.462	-2.376	-2.750	-2.794	-2.512	-1.925	-1.049	0.063	1.286	2.427
781	7.80	3.284	3.715	3.702	3.349	2.835	2.326	1.891	1.480	0.957	0.190
791	7.90	-0.855	-2.067	-3.219	-4.061	-4.437	-4.362	-4.014	-3.633	-3.383	-3.234
801	8.00	-2.948	-2.182	-0.686	1.512	4.017	6.147	7.177	6.641	4.576	1.582
811	8.10	-1.355	-3.221	-3.362	-1.758	0.959	3.748	5.559	5.745	4.267	1.768
821	8.20	-0.902	-2.889	-3.662	-3.333	-2.361	-1.237	-0.911	-1.116	-1.180	-0.208
831	8.30	-2.074	-2.643	-1.844	-0.710	0.611	1.372	1.948	2.181	2.142	1.891
841	8.40	1.448	0.806	-0.022	-0.969	-1.906	-2.673	-3.136	-3.210	-2.901	-2.272
851	8.50	-1.440	-0.568	0.144	0.476	0.251	-0.589	-1.892	-3.271	-4.183	-4.107
861	8.60	-2.778	-0.361	2.520	4.950	6.053	5.350	2.991	-0.250	-3.243	-4.931
871	8.70	-4.747	-2.833	0.017	2.677	4.129	3.860	1.916	-1.006	-4.030	-6.368
881	8.80	-7.571	-7.591	-6.681	-5.203	-3.471	-1.695	-0.019	1.397	2.338	2.579
891	8.90	2.003	0.728	-0.853	-2.158	-2.615	-1.905	-0.121	2.221	4.355	5.545
901	9.00	5.370	3.889	1.619	-0.661	-2.206	-2.577	-1.784	-0.247	1.395	2.548
911	9.10	2.887	2.459	1.630	0.905	0.713	1.233	2.346	3.708	4.917	5.476
921	9.20	5.696	5.686	5.245	4.723	4.118	3.277	1.998	0.177	-2.060	-4.338
931	9.30	-6.131	-6.953	-6.555	-5.031	-2.796	-0.628	1.540	2.786	3.256	3.097
941	9.40	2.514	1.637	0.482	-0.985	-2.724	-4.512	-5.947	-6.567	-6.058	-4.436
951	9.50	-2.117	0.194	1.745	2.025	0.944	-1.037	-3.263	-4.955	-5.573	-4.957
961	9.60	-3.316	-1.091	1.232	3.276	4.814	5.754	6.040	5.417	4.447	2.584
971	9.70	0.254	-2.121	-3.998	-4.866	-4.420	-2.689	-0.056	2.849	5.319	6.773
981	9.80	6.896	5.692	3.450	0.651	-2.150	-4.436	-5.810	-6.062	-5.209	-3.493
991	9.90	-1.347	0.699	2.169	2.682	2.244	1.075	-0.367	-1.548	-2.033	-1.609

Table 7-26-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1965 712-GR-1-16 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 13.596 (GAL) T= 0.34 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.339	1.485	3.450	5.157	6.315	6.780	6.537	5.649	4.217	2.360
1011	10.10	0.240	-1.918	-3.818	-5.138	-5.575	-5.005	-3.494	-1.345	0.967	2.912
1021	10.20	4.051	4.156	3.264	1.664	-0.198	-1.842	-2.873	-3.072	-2.423	-1.101
1031	10.30	0.582	2.247	3.520	4.110	3.867	2.836	1.274	-0.388	-1.631	-1.991
1041	10.40	-1.205	0.664	3.212	5.774	7.614	8.161	7.200	4.954	2.020	-0.833
1051	10.50	-2.919	-3.665	-3.705	-2.830	-1.808	-1.144	-1.089	-1.564	-2.225	-2.632
1061	10.60	-2.450	-1.598	-0.285	1.069	1.993	2.146	1.439	0.068	-1.553	-2.932
1071	10.70	-3.649	-3.476	-2.432	-0.760	1.166	2.962	4.251	4.919	4.929	4.308
1081	10.80	3.459	2.301	1.028	-0.297	-1.636	-2.942	-4.140	-5.132	-5.825	-6.171
1091	10.90	-6.193	-5.967	-5.594	-5.135	-4.585	-3.870	-2.897	-1.622	-0.112	1.446
1101	11.00	2.787	3.656	3.905	3.547	2.740	1.718	0.685	-0.263	-1.160	-2.117
1111	11.10	-3.224	-4.454	-5.616	-6.409	-6.501	-5.690	-3.998	-1.706	0.706	2.698
1121	11.20	3.827	3.886	2.965	1.417	-0.250	-1.529	-2.065	-1.752	-0.749	0.588
1131	11.30	1.838	2.681	2.908	2.610	1.561	1.168	0.916	0.622	0.037	-0.037
1141	11.40	-0.999	-2.434	-3.973	-5.178	-5.633	-5.162	-3.908	-2.303	-0.890	-0.079
1151	11.50	0.042	-0.247	-0.427	0.016	1.337	3.396	5.695	7.584	8.522	8.287
1161	11.60	7.024	5.136	3.075	1.150	-0.549	-2.088	-3.529	-4.792	-5.615	-5.665
1171	11.70	-4.728	-2.886	-0.569	1.571	2.908	3.107	2.269	0.884	-0.322	-1.028
1181	11.80	-0.841	-0.052	0.859	1.402	1.308	0.643	-0.262	-1.002	-1.308	-1.167
1191	11.90	-0.804	-0.540	-0.623	-1.113	-1.884	-2.718	-3.432	-3.953	-4.295	-4.476
1201	12.00	-4.418	-3.930	-2.780	-0.850	1.724	4.508	6.863	8.158	8.010	6.435
1211	12.10	3.861	0.963	-1.570	-3.266	-3.990	-3.919	-3.405	-2.808	-2.363	-2.142
1221	12.20	-2.089	-2.100	-2.092	-2.034	-1.933	-1.818	-1.724	-1.695	-1.787	-2.057
1231	12.30	-2.514	-3.076	-3.538	-3.616	-3.043	-1.706	0.251	2.415	4.214	5.107
1241	12.40	4.799	3.371	1.272	-0.832	-2.294	-2.712	-2.052	-0.637	1.004	2.334
1251	12.50	2.991	2.881	2.167	1.180	0.287	-0.211	-0.147	0.500	1.627	3.049
1261	12.60	4.549	5.927	7.033	7.798	8.228	8.382	8.321	8.064	7.576	6.792
1271	12.70	5.681	4.321	2.934	1.857	1.441	1.906	3.224	5.064	6.663	7.980
1281	12.80	7.903	6.426	3.727	0.329	-3.052	-5.711	-7.152	-7.206	-6.050	-4.132
1291	12.90	-2.024	-0.252	0.844	1.191	0.983	0.598	0.458	0.877	1.936	3.441
1301	13.00	4.973	6.023	6.170	5.231	3.332	0.870	-1.622	-3.650	-4.909	-5.357
1311	13.10	-5.175	-4.661	-4.084	-3.584	-3.142	-2.642	-1.965	-1.099	-0.184	0.514
1321	13.20	0.696	0.157	-1.110	-2.881	-4.738	-6.194	-6.843	-6.498	-5.268	-3.533
1331	13.30	-1.837	-0.718	-0.537	-1.364	-2.963	-4.870	-6.593	-7.705	-8.035	-7.657
1341	13.40	-6.817	-5.801	-4.810	-3.884	-2.928	-1.794	-0.397	1.218	2.865	4.284
1351	13.50	5.246	5.631	5.664	4.875	4.034	3.076	2.070	1.035	-0.013	-1.020
1361	13.60	-1.880	-2.469	-2.689	-2.516	-2.006	-1.269	-0.424	0.439	1.264	2.001
1371	13.70	2.582	2.903	2.862	2.409	1.605	0.635	-0.243	-0.792	-0.904	-0.656
1381	13.80	-0.281	-0.064	-0.208	-0.718	-1.387	-1.872	-1.841	-1.118	0.223	1.885
1391	13.90	3.441	4.485	4.748	4.156	2.805	0.899	-1.327	-3.642	-5.818	-7.613
1401	14.00	-8.768	-9.040	-8.277	-6.495	-3.921	-0.972	1.833	4.010	5.229	5.388
1411	14.10	4.617	3.215	1.550	-0.023	-1.230	-1.694	-1.935	-1.362	-0.260	1.206
1421	14.20	2.799	4.241	5.260	5.650	5.331	4.375	2.993	1.487	0.176	-0.681
1431	14.30	-0.943	-0.615	0.161	1.137	2.025	2.559	2.563	1.993	0.919	-0.354
1441	14.40	-1.652	-2.714	-3.423	-3.786	-3.936	-4.047	-4.251	-4.547	-4.682	-4.999
1451	14.50	-4.728	-3.985	-2.849	-1.552	-0.399	0.343	0.541	0.243	-0.360	-1.021
1461	14.60	-1.530	-1.788	-1.807	-1.661	-1.423	-1.113	-0.707	-0.186	0.408	0.922
1471	14.70	1.142	0.878	0.077	-1.109	-2.333	-3.169	-3.283	-2.582	-1.282	0.163
1481	14.80	1.230	1.548	1.047	0.001	-1.090	-1.699	-1.484	-0.415	1.236	3.016
1491	14.90	4.484	5.363	5.607	5.363	4.853	4.265	3.689	3.126	2.552	1.990

Table 7-26-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1965 712-GR-1-16 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 13.596 (GAL) T= 0.34 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.531	1.297	1.368	1.712	2.177	2.547	2.446	2.429	2.033	1.711
1511	15.10	1.729	2.232	3.164	4.277	5.219	5.674	5.479	4.673	3.467	2.152
1521	15.20	0.990	0.143	-0.345	-0.512	-0.422	-0.132	0.320	0.890	1.499	2.020
1531	15.30	2.310	2.252	1.813	1.072	0.201	-0.590	-1.124	-1.328	-1.253	-1.051
1541	15.40	-0.920	-1.021	-1.423	-2.067	-2.791	-3.361	-3.648	-3.501	-2.983	-2.266
1551	15.50	-1.597	-1.220	-1.292	-1.826	-2.692	-3.666	-4.499	-5.017	-5.148	-4.925
1561	15.60	-4.436	-3.760	-2.924	-1.909	-0.695	0.673	2.043	3.172	3.794	3.734
1571	15.70	2.990	1.772	0.442	-0.604	-1.927	-0.894	-0.205	0.675	1.389	1.660
1581	15.80	1.375	0.596	-0.494	-1.671	-2.742	-3.583	-4.132	-4.365	-4.266	-3.816
1591	15.90	-3.010	-1.873	-0.476	1.065	2.612	4.031	5.216	6.097	6.642	6.849
1601	16.00	6.738	6.353	5.757	5.026	4.234	3.439	2.672	1.949	1.289	0.739
1611	16.10	0.385	0.334	0.667	1.390	2.396	3.465	4.314	4.880	4.403	3.476
1621	16.20	2.044	0.348	-1.359	-2.890	-4.159	-5.176	-5.998	-6.672	-7.198	-7.517
1631	16.30	-7.548	-7.233	-6.580	-5.681	-4.699	-3.821	-3.204	-2.927	-2.962	-3.179
1641	16.40	-3.383	-3.365	-2.966	-2.123	-0.889	0.582	2.083	3.412	4.431	5.093
1651	16.50	5.424	5.491	5.343	4.984	4.369	3.444	2.204	0.730	-0.801	-2.155
1661	16.60	-3.115	-3.555	-3.474	-2.992	-2.299	-1.574	-0.934	-0.406	0.052	0.508
1671	16.70	1.008	1.553	2.106	2.611	3.024	3.320	3.493	3.543	3.463	3.248
1681	16.80	2.911	2.493	2.059	1.676	1.374	1.124	0.841	0.427	-0.166	-0.885
1691	16.90	-1.568	-1.989	-1.958	-1.403	-0.450	0.614	1.415	1.629	1.092	-0.140
1701	17.00	-1.822	-3.614	-5.202	-6.396	-7.153	-7.561	-7.741	-7.777	-7.672	-7.363
1711	17.10	-6.769	-5.859	-4.688	-3.397	-2.162	-1.130	-0.367	0.161	0.561	0.957
1721	17.20	1.439	2.026	2.676	3.315	3.884	4.370	4.805	5.230	5.653	6.017
1731	17.30	6.193	6.027	5.406	4.322	2.913	1.434	0.194	-0.549	-0.679	-0.255
1741	17.40	0.499	1.280	1.804	1.892	1.513	0.772	-0.151	-1.061	-1.804	-2.220
1751	17.50	-2.478	-2.364	-1.966	-1.328	-0.530	0.304	1.021	1.470	1.549	1.234
1761	17.60	0.585	-0.282	-1.229	-2.142	-2.941	-3.576	-4.012	-4.222	-4.201	-3.996
1771	17.70	-3.729	-3.580	-3.218	-4.309	-5.248	-6.299	-7.125	-7.553	-6.762	-5.575
1781	17.80	-3.671	-1.491	0.124	1.091	1.772	1.157	0.754	0.438	0.346	0.438
1791	17.90	0.562	0.554	0.332	-0.059	-0.480	-0.775	-0.844	-0.672	-0.322	0.125
1801	18.00	0.604	1.088	1.557	1.962	2.207	2.175	1.788	1.073	0.191	-0.599
1811	18.10	-1.033	-0.954	-0.385	0.474	1.324	1.898	2.067	1.883	1.539	1.258
1821	18.20	1.180	1.291	1.433	1.384	0.968	0.152	-0.923	-1.980	-2.698	-2.811
1831	18.30	-2.187	-0.869	0.946	2.951	4.807	6.182	6.804	6.809	6.068	4.887
1841	18.40	3.588	2.500	1.861	1.753	2.082	2.611	3.049	3.149	2.782	1.964
1851	18.50	0.838	-0.391	-1.524	-2.412	-2.971	-3.171	-3.012	-2.508	-1.692	-0.627
1861	18.60	0.571	1.736	2.675	3.210	3.231	2.736	1.844	0.779	-0.180	-0.775
1871	18.70	-0.835	-0.331	0.614	1.757	2.810	3.539	3.841	3.791	3.610	3.591
1881	18.80	3.979	4.877	6.194	7.674	8.989	9.847	10.091	9.726	8.885	7.746
1891	18.90	6.653	5.068	3.589	2.008	0.367	-1.201	-2.503	-3.353	-3.653	-3.449

Table 7-27-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1966 712-GR-1-16 HB. (HB.) EDOGAWA EMB. MAX. ACC. = 33.482 (GAL) T= 9.59 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1	0.0	1.641	1.082	0.037	-1.181	-2.198	-2.721	-2.628	-2.002	-1.065	-0.085
11	0.10	0.724	1.256	1.503	1.516	1.357	1.072	0.711	0.355	0.134	0.201
21	0.20	0.668	1.524	2.590	3.542	4.007	3.719	2.649	1.065	-0.526	-1.532
31	0.30	-1.491	-0.245	1.984	4.656	7.073	8.622	8.938	8.005	6.118	3.753
41	0.40	1.405	-0.562	-1.973	-2.627	-3.232	-3.258	-2.978	-2.357	-1.337	-0.108
51	0.50	1.919	1.931	5.894	7.524	8.574	8.889	8.448	7.370	5.890	4.305
61	0.60	2.914	1.935	1.450	1.378	1.501	1.537	1.257	0.583	-0.346	-1.198
71	0.70	-1.567	-1.132	0.179	2.105	4.097	5.462	5.708	4.558	2.273	-0.501
81	0.80	-2.920	-4.225	-4.018	-2.400	0.063	2.547	4.252	4.682	3.766	1.951
91	0.90	-0.183	-1.862	-2.640	-2.318	-1.054	0.748	2.588	4.012	4.714	4.572
101	1.00	3.641	2.115	0.289	-1.486	-2.859	-3.539	-3.371	-2.398	-0.879	0.759
111	1.10	2.030	2.542	2.126	0.914	-0.700	-2.180	-3.040	-3.009	-2.134	-0.759
121	1.20	0.594	1.407	1.345	0.360	-1.304	-3.203	-4.842	-5.823	-5.949	-5.253
131	1.30	-3.958	-2.398	-0.918	0.199	0.785	0.799	0.310	-0.529	-1.534	-2.532
141	1.40	-3.399	-4.079	-4.574	-4.921	-5.143	-5.224	-5.100	-4.691	-3.943	-2.881
151	1.50	-1.621	-0.348	0.740	1.494	1.852	1.836	1.506	0.909	0.056	-1.051
161	1.60	-2.358	-3.687	-4.730	-5.113	-4.548	-2.986	-0.725	1.645	3.400	3.956
171	1.70	3.113	1.161	-1.195	-3.098	-3.867	-3.263	-1.571	0.525	2.228	2.952
181	1.80	2.518	1.582	-0.533	-2.085	-3.335	-3.625	-3.707	-3.573	-3.298	-2.786
191	1.90	-1.854	-0.392	1.682	3.388	4.007	5.300	4.736	3.592	1.857	0.784
201	2.00	0.586	1.228	2.219	2.829	2.432	0.820	-1.653	-4.184	-5.834	-5.918
211	2.10	-4.297	-1.441	1.753	4.310	5.538	5.251	3.769	1.725	-0.216	-1.604
221	2.20	-2.292	-2.363	-2.068	-1.477	-0.638	0.481	1.826	3.174	4.140	4.317
231	2.30	3.483	1.767	-0.329	-2.090	-2.865	-2.356	-0.770	1.240	2.832	3.311
241	2.40	2.412	0.584	-2.136	-4.409	-5.887	-6.397	-6.123	-5.469	-4.683	-3.989
251	2.50	-3.287	-2.423	-1.344	-0.223	0.568	0.613	-0.318	-2.103	-4.247	-6.038
261	2.60	-6.808	-6.186	-4.228	-1.372	1.743	4.501	6.483	7.513	7.600	6.833
271	2.70	5.299	3.090	0.368	-2.568	-5.275	-7.250	-8.095	-7.666	-6.138	-3.949
281	2.80	-1.630	0.383	1.881	2.886	3.532	3.931	4.045	3.704	2.722	1.068
291	2.90	-1.015	-3.014	-4.295	-4.332	-2.927	-0.310	2.918	5.982	8.185	9.110
301	3.00	8.713	7.274	5.262	3.175	1.410	0.206	-0.351	-0.295	0.259	1.152
311	3.10	2.200	3.232	4.122	4.823	5.364	5.819	6.236	6.577	6.686	6.334
321	3.20	5.314	3.559	1.228	-1.299	-3.508	-4.910	-5.196	-4.330	-2.544	-0.254
331	3.30	2.082	4.078	5.486	6.188	6.154	5.397	3.965	1.962	-0.409	-2.839
341	3.40	-4.950	-6.398	-6.980	-6.715	-5.848	-4.760	-3.830	-3.286	-3.131	-3.159
351	3.50	-3.065	-2.603	-1.717	-0.589	0.415	0.887	0.543	-0.654	-2.458	-4.416
361	3.60	-6.008	-6.818	-6.647	-5.542	-3.846	-1.892	-0.085	1.291	2.095	2.327
371	3.70	2.092	1.555	0.910	0.346	0.020	0.021	0.331	0.815	1.238	1.338
381	3.80	0.937	0.032	-1.160	-2.250	-2.818	-2.587	-1.570	-0.101	1.264	1.963
391	3.90	1.674	0.473	-1.163	-2.525	-2.960	-2.147	-0.251	2.114	4.114	5.006
401	4.00	4.419	2.479	-0.259	-3.025	-5.115	-6.104	-5.935	-4.881	-3.301	-1.677
411	4.10	-0.318	0.581	0.933	0.734	0.070	-0.869	-1.770	-2.239	-1.908	-0.583
421	4.20	1.636	4.318	6.808	8.439	8.769	7.750	5.748	3.402	1.375	0.118
431	4.30	-0.263	0.018	0.592	1.137	1.535	1.693	2.434	3.322	4.512	5.710
441	4.40	6.474	6.402	5.326	3.423	1.170	-0.809	-1.980	-2.082	-1.212	0.226
451	4.50	1.694	2.695	2.948	2.438	1.372	0.062	-1.205	-2.260	-3.074	-3.707
461	4.60	-4.232	-4.652	-4.872	-4.728	-4.064	-2.836	-1.175	0.602	2.062	2.789
471	4.70	2.522	1.261	-0.709	-2.889	-4.721	-5.748	-5.751	-4.797	-3.182	-1.321
481	4.80	0.395	1.698	2.485	2.785	2.692	2.306	1.698	0.921	0.042	-0.831
491	4.90	-1.556	-1.985	-2.019	-1.641	-0.936	-0.059	0.804	1.482	1.848	1.838

Table 7-27-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1966 712-GR-1-16 HB. (HB.) EDOGAWA EMB. MAX. ACC. = 33.482 (GAL) T= 9.59 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
501	5.00	1.447	0.745	-0.122	-0.931	-1.418	-1.344	-0.589	0.768	2.423	3.909
511	5.10	4.741	4.589	3.423	1.552	-0.465	-2.007	-2.613	-2.149	-0.800	0.940
521	5.20	2.563	3.602	3.953	3.683	3.034	2.257	1.501	0.769	-0.035	-1.013
531	5.30	-2.183	-3.439	-4.576	-5.367	-5.651	-5.386	-4.662	-3.663	-2.612	-1.717
541	5.40	-1.136	-0.964	-1.228	-1.884	-2.814	-3.838	-4.731	-5.274	-5.304	-4.765
551	5.50	-3.730	-2.387	-0.985	0.222	1.044	1.391	1.289	0.843	0.310	0.143
561	5.60	-0.289	0.011	0.781	1.911	3.160	4.209	4.747	4.563	3.623	2.090
571	5.70	0.277	-1.442	-2.750	-3.464	-3.567	-3.173	-2.450	-1.543	-0.531	0.563
581	5.80	1.730	2.916	3.992	4.766	5.040	4.677	3.661	2.105	0.225	-1.723
591	5.90	-3.501	-4.927	-5.881	-6.282	-6.076	-5.238	-3.799	-1.891	0.231	2.208
601	6.00	3.669	4.247	3.888	2.723	1.144	-0.327	-1.208	-1.222	-0.403	0.917
611	6.10	2.235	3.075	3.176	2.602	1.719	1.049	1.054	1.944	3.581	5.517
621	6.20	7.161	7.992	7.741	6.468	4.523	2.396	0.551	-0.710	-1.293	-1.281
631	6.30	-0.846	-0.172	0.588	1.306	1.857	2.098	1.896	1.181	0.011	-1.407
641	6.40	-2.745	-3.650	-3.859	-3.294	-2.094	-0.566	0.913	2.009	2.513	2.367
651	6.50	1.639	0.478	-0.938	-2.420	-3.774	-4.802	-5.323	-5.210	-4.445	-3.155
661	6.60	-1.607	-0.156	0.847	1.149	0.867	-0.499	-2.098	-3.800	-5.280	-6.284
671	6.70	-6.669	-6.409	-5.586	-4.355	-2.909	-1.442	-0.114	0.977	1.793	2.346
681	6.80	2.657	2.727	2.514	1.944	0.955	-0.456	-2.182	-4.009	-5.618	-6.809
691	6.90	-7.284	-7.005	-6.062	-4.670	-3.122	-1.717	-0.712	-0.290	-0.534	-1.416
701	7.00	-2.775	-4.323	-5.669	-6.387	-6.126	-4.717	-2.266	0.853	4.049	6.694
711	7.10	8.287	8.601	7.746	6.117	4.262	2.707	1.805	1.660	2.130	2.909
721	7.20	3.644	4.037	3.918	3.263	2.176	0.842	-0.511	-1.655	-2.394	-2.582
731	7.30	-2.154	-1.142	0.324	2.019	3.668	4.992	5.771	5.896	5.392	4.422
741	7.40	3.252	2.188	1.509	1.388	1.663	2.795	3.904	4.831	5.223	4.836
751	7.50	3.612	1.710	-0.517	-2.611	-4.126	-4.755	-4.411	-3.252	-1.617	0.071
761	7.60	1.432	2.229	2.411	2.092	1.482	0.798	0.205	-0.217	-0.456	-0.229
771	7.70	-0.450	-0.218	0.172	0.701	1.309	1.900	2.382	2.711	2.921	3.120
781	7.80	3.441	3.977	4.709	5.491	6.072	6.178	5.600	4.280	2.332	0.033
791	7.90	-2.247	-4.120	-5.261	-5.466	-4.689	-3.060	-0.879	1.421	3.348	4.465
801	8.00	4.508	3.481	1.684	-0.361	-2.066	-2.972	-2.906	-2.041	-0.821	0.217
811	8.10	0.655	0.354	-0.513	-1.553	-2.303	-2.603	-2.135	-1.770	-1.262	-1.108
821	8.20	-1.410	-2.034	-2.684	-3.047	-2.960	-2.396	-1.652	-1.049	-0.693	-1.245
831	8.30	-2.359	-3.707	-5.055	-6.063	-6.473	-6.158	-5.147	-3.601	-1.784	-0.004
841	8.40	1.447	2.354	2.627	2.310	1.553	0.560	-0.482	-1.447	-2.272	-2.931
851	8.50	-3.386	-3.557	-3.359	-2.743	-1.767	-0.623	0.406	1.056	1.200	0.931
861	8.60	0.529	0.335	0.564	1.161	1.785	1.941	1.230	-0.412	-2.598	-4.588
871	8.70	-5.564	-4.993	-2.900	0.083	2.928	4.607	4.518	2.732	-0.027	-2.676
881	8.80	-4.611	-4.644	-4.464	0.014	2.397	3.870	4.019	2.921	1.019	-1.102
891	8.90	-2.935	-4.164	-4.848	-4.336	-3.204	-1.258	1.371	4.333	7.042	8.789
901	9.00	8.982	7.401	4.347	0.600	-2.830	-5.070	-5.704	-4.922	-3.416	-2.079
911	9.10	-1.642	-2.396	-4.124	-6.250	-8.122	-9.285	-9.626	-9.338	-8.734	-8.033
921	9.20	-7.220	-6.057	-4.225	-1.543	1.877	5.587	8.919	11.192	11.943	11.080
931	9.30	8.910	6.041	3.213	1.112	0.229	0.793	2.761	5.857	9.620	13.445
941	9.40	16.237	18.474	18.301	15.651	10.387	2.816	-6.270	-15.629	-23.752	-29.128
951	9.50	-30.560	-27.461	-20.034	-9.293	3.110	15.212	25.134	31.660	33.682	31.274
961	9.60	25.593	17.844	8.799	0.337	-6.731	-11.760	-14.450	-14.824	-13.155	-9.897
971	9.70	-5.622	-0.946	3.530	7.296	9.975	11.351	11.365	10.084	7.666	4.318
981	9.80	0.277	-4.194	-8.793	-13.158	-16.856	-19.390	-20.245	-18.980	-15.359	-9.490
991	9.90	-1.928	6.319	13.906	19.404	21.632	19.977	14.602	6.459	-2.905	-11.720

Table 7-27-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1966 712-GR-1-16 HB. (HB.) EDOGAWA EMB. MAX. ACC. = 33.482 (GAL) T= 9.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-18.389	-21.890	-21.854	-18.669	-13.152	-6.494	0.191	5.955	10.141	12.423
1011	10.10	12.815	11.653	9.550	7.296	5.685	5.311	6.361	8.518	11.010	12.812
1021	10.20	12.973	10.922	6.670	0.825	-5.588	-11.433	-15.767	-18.059	-18.244	-16.631
1031	10.30	-13.720	-10.028	-5.978	-1.891	1.960	5.274	7.697	8.860	8.477	6.462
1041	10.40	3.005	-1.421	-6.133	-10.367	-13.421	-14.770	-14.138	-11.524	-7.184	-1.597
1051	10.50	4.578	10.576	15.614	19.002	20.266	19.229	16.050	11.171	5.201	-1.220
1061	10.60	-7.532	-13.291	-18.417	-21.607	-23.272	-22.567	-19.041	-12.579	-3.620	6.732
1071	10.70	16.825	24.777	28.933	28.308	22.871	13.563	2.059	-9.588	-19.471	-26.073
1081	10.80	-28.506	-26.555	-20.648	-11.789	-1.465	8.508	16.259	20.244	19.661	14.766
1091	10.90	6.915	-1.731	-8.807	-12.458	-11.908	-7.672	-1.329	5.064	9.662	11.375
1101	11.00	10.060	6.355	1.280	-4.168	-9.257	-13.520	-16.602	-18.116	-17.638	-14.885
1111	11.10	-9.977	-3.619	2.951	8.276	11.141	10.992	8.105	3.410	-1.760	-6.416
1121	11.20	-9.911	-12.106	-13.118	-13.017	-11.645	-8.672	-3.875	2.516	9.636	16.079
1131	11.30	20.303	21.157	18.325	12.463	4.980	-2.444	-8.393	-12.076	-13.597	-12.753
1141	11.40	-10.703	-7.695	-3.965	0.370	5.122	9.888	14.044	16.896	17.914	16.912
1151	11.50	14.106	10.008	5.238	0.338	-4.296	-8.385	-11.642	-13.688	-14.056	-12.324
1161	11.60	-8.324	-2.327	4.883	12.110	18.000	21.370	21.515	18.396	12.654	5.466
1171	11.70	-1.731	-7.568	-11.002	-11.545	-9.313	-4.960	0.497	5.912	10.250	12.754
1181	11.80	13.044	11.120	7.310	2.189	-3.499	-8.925	-13.278	-15.879	-16.331	-14.634
1191	11.90	-11.226	-6.903	-2.613	0.813	2.907	3.677	3.549	3.139	2.977	3.283
1201	12.00	3.906	4.443	4.474	3.796	2.536	1.098	-0.034	-0.527	-0.351	0.215
1211	12.10	0.725	0.765	0.125	-1.156	-2.857	-4.710	-6.512	-8.146	-9.511	-10.416
1221	12.20	-10.526	-9.422	-6.772	-2.541	2.864	8.604	13.592	16.806	17.596	15.877
1231	12.30	12.138	7.264	2.261	-2.026	-5.086	-6.782	-7.276	-6.881	-5.928	-4.677
1241	12.40	-3.291	-1.857	-0.428	0.944	2.179	3.167	3.785	3.926	3.559	2.771
1251	12.50	1.796	0.988	0.738	1.338	2.848	5.029	7.373	9.249	10.125	9.768
1261	12.60	8.351	6.412	4.668	3.753	3.978	5.218	6.940	8.389	8.830	7.778
1271	12.70	5.130	1.174	-3.498	-8.148	-12.046	-14.597	-15.422	-14.610	-11.722	-7.779
1281	12.80	-3.210	1.240	4.832	6.974	7.336	5.919	3.049	-0.696	-4.608	-7.992
1291	12.90	-10.285	-11.141	-10.462	-8.388	-5.241	-1.453	2.515	6.243	9.392	11.710
1301	13.00	13.013	13.165	12.065	9.684	6.125	1.701	-3.037	-7.350	-10.450	-11.709
1311	13.10	-10.867	-8.155	-4.267	-0.189	3.093	4.871	4.911	3.475	1.175	-1.273
1321	13.20	-3.295	-4.611	-5.244	-5.100	-5.305	-5.068	-4.646	-3.910	-2.766	-1.268
1331	13.30	0.360	1.782	2.675	2.854	2.319	1.216	-0.276	-2.052	-4.136	-6.615
1341	13.40	-9.507	-12.610	-15.426	-17.239	-17.327	-15.252	-11.104	-5.586	0.120	4.690
1351	13.50	7.074	6.849	4.378	0.696	-2.836	-4.978	-5.015	-2.968	0.455	4.130
1361	13.60	6.901	7.950	7.010	4.393	0.826	-2.807	-5.730	-7.466	-7.905	-7.271
1371	13.70	-6.007	-4.640	-3.644	-3.339	-3.824	-4.953	-6.365	-7.564	-8.051	-7.463
1381	13.80	-5.695	-2.952	0.307	3.502	6.113	7.841	8.674	8.841	8.671	8.420
1391	13.90	8.139	7.654	6.660	4.888	2.276	-0.943	-4.280	-7.136	-9.001	-9.622
1401	14.00	-9.075	-7.699	-5.949	-4.216	-2.695	-1.359	-0.028	1.499	3.312	5.321
1411	14.10	7.279	8.867	9.816	9.996	9.453	8.371	6.999	5.576	4.276	3.199
1421	14.20	2.394	1.880	1.658	1.695	1.894	2.080	2.014	1.450	0.228	-1.668
1431	14.30	-3.958	-6.289	-8.123	-8.570	-8.531	-6.781	-4.017	-0.786	2.250	5.493
1441	14.40	5.573	5.450	4.416	2.994	1.770	1.206	1.496	2.520	3.912	5.217
1451	14.50	6.064	6.308	6.064	5.619	5.279	5.199	5.286	5.231	4.645	3.260
1461	14.60	1.082	-1.556	-4.082	-5.880	-6.501	-5.798	-3.947	-1.336	1.592	4.473
1471	14.70	7.064	9.189	10.653	11.188	10.507	8.453	5.176	1.229	-2.501	-5.048
1481	14.80	-5.717	-4.386	-1.626	1.462	3.628	3.939	2.138	-1.258	-5.168	-8.365
1491	14.90	-9.933	-9.578	-7.663	-4.990	-2.433	-0.605	0.319	0.550	0.476	0.418

Table 7-27-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1966 712-GR-1-16 HB. (HB.) EDOGAWA EMB. MAX. ACC. = 33.482 (GAL) T= 9.59 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	0.470	0.497	0.270	-0.346	-1.268	-2.186	-2.687	-2.441	-1.349	0.404
1511	15.10	2.418	4.235	5.495	6.039	5.929	5.369	4.610	3.847	3.172	2.572
1521	15.20	1.962	1.232	0.299	-0.854	-2.144	-3.378	-4.266	-4.483	-3.763	-2.006
1531	15.30	0.640	3.769	6.799	9.126	10.299	10.153	8.852	6.807	4.535	2.480
1541	15.40	0.903	-0.152	-0.803	-1.228	-1.573	-1.913	-2.262	-2.622	-3.026	-3.540
1551	15.50	-4.228	-5.090	-6.024	-6.828	-7.259	-7.122	-6.389	-5.041	-3.450	-1.905
1561	15.60	-0.721	-0.111	-0.158	-0.779	-1.798	-2.922	-4.818	-5.097	-4.818	-4.782
1571	15.70	-3.827	-2.252	-0.134	2.396	5.164	7.955	10.532	12.658	14.123	14.783
1581	15.80	14.590	13.605	11.984	9.929	7.632	5.228	2.777	0.301	-2.161	-4.486
1591	15.90	-6.442	-7.729	-8.061	-7.291	-5.488	-2.964	-0.197	2.290	4.079	4.950
1601	16.00	4.905	4.111	2.794	1.149	-0.705	-2.710	-4.811	-6.899	-8.792	-10.272
1611	16.10	-11.154	-11.360	-10.953	-10.117	-9.085	-8.060	-7.142	-6.319	-5.493	-4.546
1621	16.20	-3.404	-2.083	-0.701	0.537	1.375	1.548	0.956	0.424	-2.919	-5.611
1631	16.30	-8.146	-9.870	-10.190	-8.762	-5.631	-1.276	3.485	7.708	10.590	11.686
1641	16.40	11.021	9.027	6.357	3.650	1.336	-0.440	-1.762	-2.799	-3.647	-4.248
1651	16.50	-4.411	-3.932	-2.732	-0.959	1.018	2.710	3.679	3.677	2.725	1.082
1661	16.60	-0.873	-2.775	-4.387	-5.637	-6.586	-7.356	-8.058	-8.749	-9.436	-10.092
1671	16.70	-10.676	-11.133	-11.370	-11.243	-10.574	-9.198	-7.045	-4.201	-0.928	2.393
1681	16.80	5.364	7.698	9.307	10.300	10.916	11.388	11.835	12.199	12.292	11.894
1691	16.90	10.893	9.362	7.560	5.842	4.516	3.714	3.340	3.109	2.673	1.768
1701	17.00	0.321	-1.530	-3.505	-5.312	-6.770	-7.876	-8.779	-9.674	-10.674	-11.711
1711	17.10	-12.507	-12.656	-11.768	-9.625	-6.299	-2.173	2.162	5.966	8.731	10.129
1721	17.20	10.173	9.165	7.588	5.946	4.640	3.874	3.650	3.807	4.112	4.339
1731	17.30	4.334	4.040	3.481	2.735	1.892	1.022	0.156	-0.713	-1.616	-2.580
1741	17.40	-3.595	-4.588	-5.414	-5.882	-5.802	-5.059	-3.678	-1.843	0.131	1.895
1751	17.50	3.182	3.913	4.224	4.410	4.284	5.510	6.496	7.388	7.704	7.042
1761	17.60	5.297	2.775	0.141	-1.785	-2.335	-1.257	1.153	4.143	6.735	8.093
1771	17.70	7.798	5.983	3.247	0.413	-1.784	-2.940	-3.077	-2.551	-1.855	-1.380
1781	17.80	-1.273	-1.411	-1.518	-1.332	-0.752	0.093	0.906	1.342	1.167	0.346
1791	17.90	-0.961	-2.371	-3.608	-4.402	-4.659	-4.428	-3.842	-3.043	-2.123	-1.107
1801	18.00	0.022	1.274	2.611	3.925	5.050	5.801	6.022	5.661	4.695	3.341
1811	18.10	1.825	0.432	-0.585	-1.084	-1.084	-0.775	-0.469	-0.506	-1.132	-2.398
1821	18.20	-4.182	-5.930	-7.373	-8.076	-7.860	-6.798	-5.164	-3.329	-1.600	-0.148
1831	18.30	1.027	2.017	2.900	3.638	4.059	3.921	3.041	1.436	-0.604	-2.549
1841	18.40	-3.770	-3.733	-2.182	0.755	4.591	8.598	12.009	14.204	14.851	13.952
1851	18.50	11.799	8.870	5.689	2.705	0.207	-1.696	-3.044	-3.950	-4.510	-4.742
1961	18.60	-4.570	-3.876	-2.587	-0.777	1.288	3.179	4.433	4.713	3.963	2.460
1871	18.70	0.765	-0.563	-0.992	-0.405	0.945	2.511	3.652	3.873	2.990	1.167
1881	18.80	-1.173	-3.517	-5.434	-6.666	-7.139	-6.895	-6.014	-4.577	-2.679	-0.485
1891	18.90	1.758	3.634	4.846	5.135	4.471	3.083	1.369	-0.230	-1.383	-1.966

Table 7-28-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1970 1302-GR-1-28 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -53.488 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.049	-0.778	-0.351	0.005	0.060	-0.314	-1.069	-1.970	-2.676	-2.867
11	0.10	-2.396	-1.372	-0.147	0.816	1.127	0.649	-0.410	-1.597	-2.315	-2.147
21	0.20	-1.018	0.728	2.434	3.365	2.996	1.229	-1.545	-4.572	-6.994	-8.139
31	0.30	-7.741	-6.008	-5.512	-0.981	0.918	1.998	1.870	1.077	-0.079	-1.209
41	0.40	-2.037	-2.447	-2.467	-2.216	-1.847	-1.500	-1.268	-1.191	-1.248	-1.368
51	0.50	-1.448	-1.584	-1.101	-0.589	0.097	0.850	1.553	2.110	2.477	2.655
61	0.60	2.660	2.497	2.145	1.572	0.774	-0.189	-1.173	-1.987	-2.446	-2.448
71	0.70	-2.011	-1.264	-0.384	0.477	1.257	1.978	2.694	3.403	3.987	4.216
81	0.80	3.837	2.707	0.913	-1.187	-3.051	-4.127	-4.066	-2.883	-0.975	1.007
91	0.90	2.386	2.718	1.950	0.439	-1.192	-2.287	-2.400	-1.440	0.311	2.322
101	1.00	4.002	4.896	4.811	3.846	2.331	0.712	-0.576	-1.222	-1.107	-0.323
111	1.10	0.852	2.020	2.774	2.813	2.054	0.676	-0.892	-2.119	-2.527	-1.879
121	1.20	-0.291	1.784	3.695	4.816	4.772	3.581	1.650	-0.370	-1.822	-2.271
131	1.30	-1.654	-0.281	1.291	2.466	2.816	2.218	0.857	-0.838	-2.354	-3.249
141	1.40	-3.264	-2.378	-0.796	1.113	2.900	4.139	4.508	3.874	2.329	0.191
151	1.50	-2.056	-3.870	-4.793	-4.586	-3.300	-1.291	0.894	2.666	3.574	3.432
161	1.60	2.416	0.903	-0.568	-1.521	-1.692	-1.098	-0.016	1.130	1.924	2.110
171	1.70	1.669	0.026	-0.043	-0.549	-0.428	0.362	1.632	3.025	4.138	4.658
181	1.80	4.460	3.635	2.443	1.215	0.229	-0.373	-0.620	-0.664	-0.698	-0.854
191	1.90	-1.136	-1.420	-1.514	-1.256	-0.612	0.283	1.149	1.664	1.591	0.888
201	2.00	-0.250	-1.447	-2.271	-2.399	-1.741	-0.485	0.960	2.106	2.551	2.121
211	2.10	0.918	-0.711	-2.295	-3.377	-3.682	-2.991	-1.549	0.370	2.336	3.885
221	2.20	4.604	4.231	3.508	0.256	-2.659	-5.377	-7.224	-7.698	-6.630	-4.284
231	2.30	-1.302	1.477	3.270	3.601	2.444	0.214	-2.393	-4.641	-5.995	-6.255
241	2.40	-5.566	-4.298	-2.873	-1.606	-0.631	0.085	0.652	1.166	1.634	1.976
251	2.50	2.070	1.823	1.221	0.345	-0.655	-1.601	-2.349	-2.797	-2.900	-2.657
261	2.60	-2.101	-1.300	-0.358	0.580	1.347	1.779	1.762	1.276	0.415	-0.609
271	2.70	-1.514	-2.015	-1.904	-1.126	0.179	1.690	2.976	3.612	3.317	2.062
281	2.80	0.119	-2.002	-3.692	-4.440	-4.017	-2.566	-0.581	1.259	2.315	2.210
291	2.90	0.997	-0.923	-2.878	-4.198	-4.445	-3.557	-1.867	0.036	1.512	2.099
301	3.00	1.656	0.396	-1.205	-2.587	-3.298	-3.143	-2.233	-0.927	0.302	1.041
311	3.10	1.079	0.472	-0.487	-1.379	-1.812	-1.557	-0.625	0.746	2.175	3.261
321	3.20	3.699	3.356	2.280	0.668	-1.194	-2.985	-4.405	-5.201	-5.217	-4.429
331	3.30	-2.983	-1.194	0.497	1.641	1.920	1.264	-0.093	-1.681	-2.950	-3.469
341	3.40	-3.091	-2.000	-0.635	0.503	1.049	0.923	0.336	-0.332	-0.701	-0.594
351	3.50	-0.101	0.462	0.708	0.363	-0.595	-1.909	-3.130	-3.789	-3.570	-2.435
361	3.60	-0.646	1.316	2.898	3.638	3.306	1.988	-0.028	-2.142	-3.789	-4.503
371	3.70	-4.077	-2.629	-0.578	1.484	2.975	3.522	3.085	1.972	0.726	-0.076
381	3.80	-0.039	0.898	2.439	4.037	5.094	5.174	4.155	2.257	-0.030	-2.122
391	3.90	-3.511	-3.909	-3.308	-1.948	-0.235	1.383	2.524	2.959	2.658	1.779
401	4.00	0.631	-0.412	-1.010	-0.951	-0.212	1.032	2.464	3.720	4.509	4.699
411	4.10	4.352	3.684	2.978	2.474	2.282	2.354	2.513	2.537	2.252	1.610
421	4.20	0.711	-0.225	-0.935	-1.209	-0.966	-0.292	0.582	1.343	1.698	1.465
431	4.30	0.641	-0.592	-1.913	-2.948	-3.382	-3.040	-1.941	-0.284	1.599	3.333
441	4.40	4.585	5.132	4.905	3.992	2.624	1.126	-0.140	-0.843	-0.756	0.185
451	4.50	1.844	3.901	5.913	7.416	8.065	7.714	6.491	4.755	3.000	1.707
461	4.60	1.199	1.554	2.602	4.001	5.383	6.492	7.276	7.880	8.558	9.529
471	4.70	10.881	12.311	13.576	14.238	14.057	13.088	11.720	10.547	10.144	10.608
481	4.80	12.384	14.263	15.575	15.503	13.610	10.042	5.075	-2.243	-3.766	-3.766
491	4.90	-3.484	-1.830	0.335	2.141	2.982	2.656	1.330	-0.638	-2.910	-5.321

Table 7-28-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1970 1302-GR-1-28 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -53.488 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-7.895	-10.752	-13.951	-17.370	-20.688	-23.462	-25.280	-25.898	-25.313	-23.741
511	5.10	-21.521	-19.001	-16.447	-14.016	-11.774	-9.744	-7.944	-6.397	-5.118	-4.096
521	5.20	-3.288	-2.626	-2.038	-1.449	-0.797	-0.008	0.993	2.253	3.739	5.279
531	5.30	6.536	7.059	6.387	5.219	3.557	1.217	-0.389	-4.068	-7.421	-10.897
541	5.40	-10.330	-16.202	-13.034	-9.810	-6.965	-4.115	-1.059	1.973	4.373	6.216
551	5.50	-4.526	-4.019	-3.264	-2.535	-2.082	-2.005	-2.196	-2.386	-2.268	-1.630
561	5.60	-0.457	1.090	2.787	4.516	6.390	8.761	12.055	16.504	21.879	27.353
571	5.70	31.612	33.198	30.983	24.607	14.687	2.715	-9.345	-19.607	-26.767	-30.387
581	5.80	-30.877	-29.222	-26.590	-23.979	-22.016	-20.941	-20.709	-21.116	-21.883	-22.675
591	5.90	-23.094	-22.706	-21.152	-18.293	-14.340	-9.876	-5.722	-2.684	-1.273	-1.518
601	6.00	-2.967	-4.862	-6.430	-7.131	-6.784	-5.500	-3.500	-0.916	2.307	6.343
611	6.10	11.290	16.951	22.724	27.668	30.752	31.185	28.698	23.662	17.001	9.927
621	6.20	3.620	-1.046	-3.661	-4.287	-3.366	-1.578	0.288	1.477	1.386	-0.307
631	6.30	-3.517	-7.652	-11.848	-14.743	-15.173	-12.298	-5.928	3.372	14.378	25.484
641	6.40	35.090	41.965	45.492	45.732	43.324	39.251	34.579	30.208	26.712	24.267
651	6.50	22.683	21.516	20.241	18.434	15.922	12.862	9.689	6.981	5.249	4.749
661	6.60	5.385	6.739	8.226	9.302	9.633	9.161	8.020	6.373	4.228	1.385
671	6.70	-2.709	-8.372	-15.832	-24.809	-34.465	-43.682	-50.309	-53.488	-53.994	-45.897
681	6.80	-34.501	-20.336	-4.998	9.148	19.763	24.995	23.897	16.715	4.931	-8.984
691	6.90	-22.085	-31.623	-35.695	-33.684	-26.357	-15.609	-3.932	6.215	12.948	15.281
701	7.00	13.194	7.478	-0.528	-9.211	-16.923	-22.159	-23.731	-20.937	-13.747	-2.927
711	7.10	9.953	22.703	32.879	38.289	37.497	30.214	17.435	1.308	-15.271	-29.219
721	7.20	-37.877	-39.528	-33.737	-21.436	-4.755	13.379	29.802	41.716	47.230	45.714
731	7.30	37.901	25.702	11.784	-0.996	-10.166	-14.116	-12.370	-5.628	4.426	15.488
741	7.40	25.105	31.157	32.292	28.179	19.605	8.302	-3.416	-13.171	-19.048	-20.023
751	7.50	-16.173	-8.607	0.839	10.046	17.199	20.969	20.907	17.342	11.225	3.868
761	7.60	-3.452	-9.554	-13.738	-15.759	-15.823	-14.458	-12.334	-10.061	-8.049	-6.459
771	7.70	-5.283	-4.486	-4.157	-4.561	-6.037	-8.773	-12.550	-16.595	-19.666	-20.392
781	7.80	-17.777	-11.670	-3.001	6.357	14.093	18.165	17.439	12.032	3.234	-6.960
791	7.90	-16.494	-23.825	-28.231	-29.780	-29.038	-26.708	-23.355	-19.327	-14.830	-10.074
801	8.00	-5.356	-1.039	2.559	5.265	7.057	7.976	7.995	6.958	4.681	1.185
811	8.10	-3.045	-6.941	-9.145	-8.293	-3.826	3.646	12.257	19.351	22.344	19.699
821	8.20	11.405	0.074	-11.624	-19.992	-22.436	-18.056	-7.831	5.798	19.801	31.474
831	8.30	39.095	42.131	41.023	36.737	30.312	22.601	14.232	5.729	-2.363	-9.463
841	8.40	-15.064	-18.916	-21.114	-22.220	-22.767	-23.266	-23.803	-23.974	-23.021	-20.148
851	8.50	-14.899	-7.455	1.272	9.805	16.476	19.882	19.298	14.902	7.742	-0.538
861	8.60	-8.139	-13.580	-16.062	-15.613	-12.970	-9.248	-5.520	-2.443	-0.099	1.927
871	8.70	4.229	7.194	10.691	13.985	15.488	12.609	5.082	-2.094	-9.257	-14.857
881	8.80	-14.023	-14.672	-14.322	-8.529	-0.922	6.338	11.140	11.932	8.346	0.823
891	8.90	-9.023	-19.001	-26.774	-30.361	-28.591	-21.391	-9.863	3.898	17.230	27.494
901	9.00	32.693	31.965	25.807	15.969	4.916	-4.621	-10.519	-11.671	-8.234	-1.507
911	9.10	6.464	13.454	17.633	18.004	14.613	8.490	1.342	-4.923	-8.713	-9.197
921	9.20	-6.538	-1.851	3.126	6.556	7.087	4.293	-1.167	-7.735	-13.449	-16.567
931	9.30	-16.124	-12.221	-5.987	0.909	6.621	9.861	10.158	7.907	4.166	0.264
941	9.40	-2.616	-3.749	-3.008	-0.835	1.934	4.311	5.420	4.735	2.243	-1.513
951	9.50	-5.540	-8.660	-9.883	-8.779	-5.718	-1.847	1.237	2.043	-0.212	-5.191
961	9.60	-11.405	-16.845	-18.734	-14.367	-9.701	-0.466	8.617	14.552	15.308	10.488
971	9.70	1.571	-8.521	-16.369	-19.183	-15.725	-6.707	5.464	17.479	26.180	29.499
981	9.80	27.002	19.878	10.430	1.291	-5.387	-8.372	-7.722	-4.377	0.179	4.460
991	9.90	7.249	8.110	6.989	4.381	1.013	-2.351	-4.963	-6.404	-6.451	-5.193

Table 7-28-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1970 1302-GR-1-28 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -53.488 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-2.981	-0.327	2.249	4.376	5.946	7.128	8.261	9.667	11.459	13.374
1011	10.10	14.869	15.291	13.964	10.617	5.419	-1.018	-7.778	-13.869	-18.436	-20.923
1021	10.20	-21.164	-19.391	-16.192	-12.420	-9.041	-6.914	-6.548	-7.879	-10.194	-12.249
1031	10.30	-12.633	-10.253	-4.809	2.963	11.398	18.367	21.962	21.145	16.123	8.296
1041	10.40	-0.206	-7.206	-11.141	-11.439	-8.535	-3.543	2.223	7.678	12.165	15.533
1051	10.50	17.753	18.906	18.973	17.887	15.672	12.571	9.094	5.913	3.666	2.745
1061	10.60	3.168	4.593	6.461	8.203	9.427	10.008	10.062	9.039	9.586	9.444
1071	10.70	9.416	9.398	9.255	8.394	8.258	7.523	6.649	5.720	4.719	3.573
1081	10.80	2.221	0.689	-0.832	-1.982	-2.318	-1.472	0.652	3.734	7.026	9.488
1091	10.90	10.109	8.216	3.758	-2.635	-9.806	-16.422	-21.368	-24.053	-24.500	-23.207
1101	11.00	-20.849	-17.981	-14.864	-11.493	-7.786	-3.831	-0.037	2.895	4.187	3.291
1111	11.10	0.145	-4.735	-10.381	-15.666	-19.662	-21.790	-22.102	-20.987	-19.055	-16.885
1121	11.20	-14.879	-13.191	-11.779	-10.498	-9.200	-7.800	-6.318	-4.883	-3.707	-3.031
1131	11.30	-3.035	-3.735	-4.909	-6.094	-6.680	-6.116	-4.127	-0.875	3.039	6.756
1141	11.40	9.466	10.715	10.570	9.559	8.408	7.689	7.553	7.695	7.565	6.728
1151	11.50	5.188	3.484	2.490	2.980	5.162	8.433	11.484	12.767	11.124	6.314
1161	11.60	-0.817	-8.602	-15.150	-19.023	-19.701	-17.656	-14.026	-10.080	-6.731	-4.302
1171	11.70	-2.625	-1.362	-0.337	0.313	0.250	-0.766	-2.597	-4.628	-5.974	-5.883
1181	11.80	-4.159	-1.350	1.411	2.878	2.275	-0.290	-3.783	-6.631	-7.360	-5.240
1191	11.90	-0.621	5.157	10.255	13.015	12.542	8.971	3.343	-2.823	-8.053	-11.336
1201	12.00	-12.303	-11.161	-8.474	-4.933	-1.199	2.147	4.607	5.781	5.440	3.241
1211	12.10	0.817	-2.243	-4.559	-5.267	-3.821	-0.395	4.308	9.168	13.018	15.024
1221	12.20	14.945	13.178	10.589	8.193	6.806	6.796	8.020	9.945	11.908	13.386
1231	12.30	14.193	14.505	14.734	15.296	16.361	17.708	18.728	18.590	16.518	12.079
1241	12.40	5.392	-2.805	-11.264	-18.463	-22.928	-23.549	-19.844	-12.130	-1.518	10.186
1251	12.50	20.781	28.074	30.356	26.841	17.940	5.271	-8.648	-20.980	-29.277	-32.107
1261	12.60	-29.409	-22.452	-13.616	-4.722	1.642	4.607	4.160	1.144	-3.173	-7.566
1271	12.70	-11.182	-13.640	-14.911	-15.096	-14.225	-12.204	-8.916	-4.423	0.847	6.058
1281	12.80	10.105	11.923	10.849	6.903	0.869	-5.856	-11.681	-15.163	-15.490	-12.627
1291	12.90	-7.273	-0.612	6.049	11.613	15.391	17.130	16.903	14.954	11.569	7.081
1301	13.00	1.943	-3.187	-7.422	-9.790	-9.498	-6.260	-0.513	6.565	13.321	18.096
1311	13.10	19.734	17.963	13.473	7.669	2.191	-1.622	-3.115	-2.429	-0.312	2.251
1321	13.20	4.426	5.779	6.320	6.345	6.198	6.080	5.975	5.718	5.128	4.164
1331	13.30	2.952	1.743	0.797	0.263	0.126	0.225	0.335	0.260	-0.105	-0.764
1341	13.40	-1.641	-2.612	-3.528	-4.218	-4.503	-4.235	-3.364	-2.007	-0.475	0.772
1351	13.50	1.266	0.701	0.913	3.204	-5.539	-7.233	-7.807	-7.181	-5.721	-4.112
1361	13.60	-3.110	-3.267	-4.732	-7.212	-10.096	-12.675	-14.387	-14.974	-14.522	-13.321
1371	13.70	-11.954	-10.634	-9.596	-8.826	-8.162	-7.389	-6.336	-4.948	-3.308	-1.620
1381	13.80	-0.154	0.821	1.109	0.654	-0.428	-1.851	-3.209	-4.073	-4.100	-3.145
1391	13.90	-1.311	1.064	3.505	5.539	6.843	7.344	7.224	6.830	6.527	6.537
1401	14.00	6.836	7.160	7.107	6.312	4.615	2.164	-0.603	-3.082	-4.689	-5.046
1411	14.10	-4.082	-2.035	0.649	3.458	5.952	7.854	9.059	9.609	9.640	9.337
1421	14.20	8.908	8.557	8.447	8.656	9.130	9.684	10.066	9.986	9.325	8.204
1431	14.30	6.860	5.604	4.643	3.958	3.294	2.292	0.714	-1.363	-3.481	-4.932
1441	14.40	-5.064	-3.615	-0.937	2.037	4.093	4.198	1.952	-2.185	-6.988	-10.858
1451	14.50	-12.378	-10.792	-6.264	0.201	7.087	12.834	16.259	16.805	14.578	10.218
1461	14.60	4.676	-1.023	-5.973	-9.528	-11.386	-11.616	-10.591	-8.859	-6.946	-5.174
1471	14.70	-3.567	-1.912	0.031	2.266	4.359	5.467	4.575	0.940	-5.486	-13.836
1481	14.80	-22.448	-29.325	-32.770	-31.955	-27.192	-19.797	-11.607	-4.353	0.863	3.766
1491	14.90	4.889	5.009	4.904	5.004	5.325	5.635	5.693	5.434	5.006	4.662

Table 7-28-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1970 1302-GR-1-28 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -53.488 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	4.587	4.775	5.022	5.040	4.637	3.841	2.913	2.241	2.151	2.756
1511	15.10	3.894	5.204	6.300	6.954	7.210	7.376	7.885	9.087	11.055	13.474
1521	15.20	15.682	16.841	16.196	13.333	8.385	2.045	-4.570	-10.208	-13.834	-14.940
1531	15.30	-13.692	-10.884	-7.677	-5.232	-4.350	-5.243	-7.520	-10.371	-12.881	-14.344
1541	15.40	-14.466	-13.398	-11.608	-9.663	-8.013	-6.866	-6.172	-5.706	-5.200	-4.459
1551	15.50	-3.423	-2.170	-0.870	0.287	1.160	1.714	2.030	2.275	2.636	3.208
1561	15.60	3.906	4.425	4.296	3.045	0.411	-3.459	-7.956	-12.114	-14.936	-15.717
1571	15.70	-14.506	-11.878	-9.035	-7.214	-7.225	-9.093	-12.014	-14.639	-15.605	-14.067
1581	15.80	-10.046	-4.413	1.443	6.142	8.796	9.269	8.118	6.291	4.716	3.989
1591	15.90	4.247	5.265	6.862	8.108	9.429	10.574	11.529	12.233	12.590	12.558
1601	16.00	12.266	12.048	12.359	13.567	15.724	18.421	20.840	21.992	21.070	17.770
1611	16.10	12.441	-0.557	-5.530	-8.823	-10.088	-9.664	-8.107	-6.110	-4.136	
1621	16.20	-2.442	-1.113	-0.125	0.569	1.017	1.276	1.430	1.574	1.770	2.003
1631	16.30	2.201	2.240	2.108	1.959	2.192	3.251	5.532	9.118	13.668	18.344
1641	16.40	22.206	24.324	24.172	21.781	17.709	12.830	8.038	3.977	0.925	-1.170
1651	16.50	-2.525	-3.331	-3.645	-3.400	-2.520	-1.062	0.694	2.272	3.134	2.868
1661	16.60	1.335	-1.281	-4.541	-7.910	-10.924	-13.312	-15.024	-16.176	-16.949	-17.500
1671	16.70	-17.907	-18.168	-18.228	-18.021	-17.488	-16.585	-15.283	-13.568	-11.459	-9.025
1681	16.80	-4.402	-3.781	-1.384	0.579	1.949	2.662	2.683	2.104	1.149	0.063
1691	16.90	-0.831	-1.198	-0.779	0.516	2.530	4.853	6.905	8.103	8.061	6.752
1701	17.00	4.554	2.148	0.306	-0.373	0.342	2.246	4.798	7.327	9.264	10.306
1711	17.10	10.440	9.847	8.744	7.249	5.355	3.001	0.218	-2.752	-5.432	-7.227
1721	17.20	-7.633	-6.461	-3.958	-0.779	2.217	4.254	4.909	4.243	2.753	1.158
1731	17.30	0.109	-0.058	0.570	1.549	2.201	2.263	1.286	-0.502	-2.665	-4.650
1741	17.40	-5.978	-6.378	-5.821	-4.477	-2.610	-0.495	1.633	3.572	5.129	6.112
1751	17.50	6.352	5.708	4.624	2.552	0.518	-1.314	-2.669	-3.469	-3.861	-4.033
1761	17.60	-4.283	-4.682	-5.115	-5.307	-4.956	-3.906	-2.273	-0.472	1.194	1.225
1771	17.70	0.151	-2.315	-5.739	-9.376	-12.379	-14.054	-14.060	-12.507	-9.911	-7.032
1781	17.80	-4.637	-3.265	-3.068	-3.768	-4.740	-5.322	-4.871	-3.187	-0.509	2.522
1791	17.90	5.068	6.388	6.102	4.341	1.713	-0.902	-2.644	-2.983	-1.775	0.543
1801	18.00	3.312	5.794	7.406	7.862	7.085	5.319	2.826	-0.090	-3.130	-5.998
1811	18.10	-8.400	-10.041	-10.890	-10.886	-10.249	-9.302	-8.327	-7.435	-6.511	-5.281
1821	18.20	-3.491	-1.115	1.525	3.804	5.015	5.990	6.098	5.273	3.683	
1831	18.30	-2.431	0.639	5.119	9.796	13.396	15.050	14.583	12.539	9.912	7.732
1841	18.40	6.681	6.866	7.861	8.932	9.362	8.722	6.985	4.682	1.733	-0.747
1851	18.50	-2.586	-3.599	-3.759	-3.132	-1.833	-0.619	2.087	4.184	5.909	6.903
1861	18.60	6.905	5.841	3.852	1.281	-1.421	-4.797	-5.494	-6.324	-6.287	-5.561
1871	18.70	-4.343	-2.980	-1.692	-0.623	0.206	0.819	1.527	2.255	3.055	3.775
1881	18.80	4.138	3.827	2.402	0.621	-0.923	-2.659	-4.691	-7.185	-9.182	-9.348
1891	18.90	-2.475	0.917	4.285	7.191	9.375	10.769	11.341	11.253	10.627	9.660
1901	19.00	8.604	7.742	7.312	7.385	7.775	8.023	7.493	5.591	1.998	-3.133
1911	19.10	-9.168	-15.039	-19.728	-22.613	-22.813	-21.253	-18.536	-15.660	-13.485	-12.669
1921	19.20	-12.546	-13.304	-13.988	-13.968	-12.873	-10.698	-7.785	-4.688	-1.978	-0.068
1931	19.30	0.903	1.094	0.909	0.867	1.367	2.733	4.945	7.676	10.406	12.502
1941	19.40	13.429	12.877	10.878	7.812	4.322	1.159	-1.015	-1.775	-1.073	0.800
1951	19.50	3.296	5.773	7.681	8.700	8.795	8.168	7.144	6.033	4.977	4.019
1961	19.60	3.063	2.040	1.011	0.206	-0.025	0.650	2.380	5.014	8.092	10.947
1971	19.70	12.903	13.479	12.526	10.266	7.215	4.042	1.416	-0.121	-0.237	1.141
1981	19.80	3.789	7.173	10.477	12.714	12.931	10.470	5.221	-2.257	-10.805	-18.947
1991	19.90	-25.294	-28.935	-29.668	-27.975	-24.773	-21.036	-17.466	-14.325	-11.498	-8.709

Table 7-28-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1970 1302-GR-1-28 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -53.488 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2001	20.00	-5.773	-2.752	0.060	2.292	3.705	4.336	4.481	4.580	4.989	5.836
2011	20.10	6.981	8.102	8.862	9.046	8.613	7.653	6.281	4.557	2.483	0.082
2021	20.20	-2.498	-4.930	-6.758	-7.554	-7.109	-5.571	-3.445	-1.435	-0.186	-0.041
2031	20.30	-0.903	-2.280	-3.486	-3.908	-3.249	-1.626	0.486	2.461	3.685	3.849
2041	20.40	3.039	1.403	0.095	-0.930	-1.069	-0.179	1.616	3.980	6.485	8.726
2051	20.50	10.425	11.474	11.922	11.911	11.596	11.085	10.407	9.541	8.462	7.186
2061	20.60	5.790	4.387	3.071	1.871	0.738	-0.418	-1.658	-2.947	-4.130	-4.969
2071	20.70	-5.242	-4.850	-3.895	-2.677	-1.615	-1.114	-1.425	-2.563	-4.289	-6.177
2081	20.80	-7.734	-8.520	-8.259	-6.898	-4.618	-1.799	1.061	3.456	4.996	5.513
2091	20.90	5.105	4.103	2.959	2.069	1.618	1.498	1.350	0.719	-0.733	-3.036
2101	21.00	-5.855	-8.569	-10.491	-11.118	-10.326	-8.420	-6.022	-3.846	-2.467	-2.125
2111	21.10	-2.714	-3.857	-5.074	-5.947	-6.228	-5.862	-4.945	-3.669	-2.262	-0.965
2121	21.20	-0.018	0.362	0.033	-1.021	-2.637	-4.490	-6.154	-7.241	-7.524	-7.036
2131	21.30	-6.065	-5.060	-4.469	-4.575	-5.386	-6.624	-7.821	-8.467	-8.179	-6.821
2141	21.40	-4.527	-1.655	1.330	3.996	6.051	7.393	8.107	8.393	8.484	8.559
2151	21.50	8.693	8.853	8.934	8.811	8.401	7.691	6.740	5.649	4.522	3.432
2161	21.60	2.412	1.462	0.581	-0.214	-0.880	-1.561	-1.611	-1.619	-1.419	-1.081
2171	21.70	-0.685	-0.307	-0.007	0.170	0.182	-0.007	-0.413	-1.010	-1.698	-2.304
2181	21.80	-2.609	-2.415	-1.616	-0.259	1.444	3.156	4.499	5.156	4.955	3.913
2191	21.90	2.230	0.240	-1.662	-3.092	-3.749	-3.470	-2.269	-0.351	1.908	4.017
2201	22.00	5.473	5.886	5.090	3.203	0.616	-2.098	-4.338	-5.627	-5.733	-4.716
2211	22.10	-2.097	-0.766	1.148	2.391	2.681	1.961	0.408	-1.602	-3.570	-4.984
2221	22.20	-5.155	-4.830	-3.256	-1.140	0.944	2.461	3.090	2.836	2.029	1.191
2231	22.30	0.829	1.226	2.330	3.766	4.994	5.529	5.139	3.947	2.387	1.049
2241	22.40	0.458	0.893	2.288	4.267	6.269	7.725	8.233	7.655	6.152	4.123
2251	22.50	2.099	0.606	0.035	0.550	2.046	4.170	6.410	8.220	9.167	9.040
2261	22.60	7.908	6.090	4.061	2.307	1.188	0.834	1.126	1.745	2.290	2.412
2271	22.70	1.944	0.960	-0.231	-1.190	-1.490	-0.886	0.563	2.469	4.191	5.023
2281	22.80	4.419	2.192	-1.386	-5.631	-9.630	-12.501	-13.648	-12.924	-10.651	-7.501
2291	22.90	-4.288	-1.741	-0.332	-0.201	-1.170	-2.837	-4.695	-6.246	-7.109	-7.081
2301	23.00	-6.187	-4.676	-2.971	-1.574	-0.929	-1.285	-2.609	-4.579	-6.676	-8.334
2311	23.10	-9.119	-8.861	-7.589	-5.657	-3.425	-1.227	0.722	2.329	3.573	4.429
2321	23.20	4.831	4.678	3.893	2.497	0.655	-1.329	-3.068	-4.192	-4.436	-3.706
2331	23.30	-2.101	0.112	2.558	4.823	6.535	7.441	7.466	6.736	5.566	4.371
2341	23.40	3.554	3.364	3.800	4.588	5.255	5.286	4.311	2.247	-0.640	-3.806
2351	23.50	-6.580	-8.365	-8.805	-7.670	-5.843	-3.217	-0.556	1.645	3.018	3.507
2361	23.60	3.057	1.872	0.213	-1.617	-3.316	-4.619	-5.328	-5.339	-4.653	-3.371
2371	23.70	-1.678	0.193	1.991	3.488	4.514	4.985	4.933	4.520	4.018	3.769
2381	23.80	4.089	5.174	7.000	9.285	11.523	13.099	13.468	12.321	9.706	6.042
2391	23.90	2.014	-1.607	-4.177	-5.336	-5.089	-3.758	-1.872	-0.008	1.336	1.830
2401	24.00	1.318	-0.183	-2.518	-5.408	-8.466	-11.220	-13.173	-13.911	-13.217	-11.178
2411	24.10	-8.205	-4.965	-2.211	-0.569	-0.353	-1.475	-3.483	-5.707	-7.468	-8.249
2421	24.20	-7.904	-6.468	-4.271	-1.723	0.782	2.939	4.544	5.492	5.760	5.404
2431	24.30	4.568	3.480	2.413	1.619	1.243	1.251	1.424	1.421	0.908	-0.305
2441	24.40	-2.153	-4.300	-6.226	-7.393	-7.432	-6.285	-4.252	-1.913	0.039	1.016
2451	24.50	0.711	-0.810	-3.135	-5.639	-7.683	-8.802	-8.825	-7.895	-6.381	-4.733
2461	24.60	-3.324	-2.354	-1.826	-1.606	-1.523	-1.461	-1.402	-1.402	-1.521	-1.755
2471	24.70	-1.995	-2.059	-1.762	-1.010	0.149	1.528	2.868	3.934	4.599	4.868
2481	24.80	4.852	4.694	4.496	4.292	4.059	3.773	3.457	3.206	3.148	3.386
2491	24.90	3.932	4.685	5.467	6.093	6.454	6.562	6.535	6.529	6.650	6.905

Table 7-28-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1970 1302-GR-1-28 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -53.488 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2501	25.00	7.190	7.347	7.241	6.819	6.127	5.270	4.343	3.384	2.367	1.249
2511	25.10	0.038	-1.150	-2.093	-2.541	-2.320	-1.441	-0.133	1.209	2.154	2.393
2521	25.20	1.869	0.797	-0.401	-1.256	-1.418	-0.775	0.512	2.086	3.524	4.478
2531	25.30	4.775	4.441	3.653	2.650	1.642	0.761	0.047	-0.516	-0.951	-1.257
2541	25.40	-1.396	-1.318	-0.997	-0.442	0.194	0.837	1.324	1.559	1.517	1.256
2551	25.50	0.900	0.598	0.492	0.681	1.204	2.044	3.135	4.372	5.620	6.726
2561	25.60	7.533	7.905	7.760	7.109	6.080	4.904	3.677	3.280	3.286	3.892
2571	25.70	4.886	5.893	6.471	6.247	5.048	2.973	0.390	-2.163	-4.130	-5.103
2581	25.80	-4.941	-3.815	-2.145	-0.668	0.723	1.120	0.671	-0.432	-1.842	-3.174
2591	25.90	-4.130	-4.565	-4.510	-4.129	-3.649	-3.279	-3.147	-3.277	-3.585	-3.921
2601	26.00	-4.118	-4.038	-3.677	-3.081	-2.439	-1.981	-1.915	-2.342	-3.201	-4.266
2611	26.10	-5.207	-5.701	-5.555	-4.804	-3.718	-2.733	-2.297	-2.710	-3.992	-5.859
2621	26.20	-7.802	-9.259	-9.803	-9.298	-7.939	-6.186	-4.601	-3.660	-3.596	-4.336
2631	26.30	-5.549	-6.772	-7.572	-7.685	-7.086	-5.970	-4.672	-3.544	-2.850	-2.700
2641	26.40	-3.045	-3.716	-4.493	-5.171	-5.606	-5.731	-5.545	-5.100	-4.470	-3.742
2651	26.50	-3.000	-2.317	-1.744	-1.301	-0.968	-0.693	-0.412	-0.079	0.312	0.719
2661	26.60	1.068	1.288	1.355	1.315	1.282	1.401	1.793	2.303	3.486	4.522
2671	26.70	5.444	5.998	5.993	5.316	3.963	2.024	-0.294	-2.693	-4.818	-6.332
2681	26.80	-6.955	-6.652	-5.590	-4.168	-2.906	-2.276	-2.537	-3.629	-5.187	-6.673
2691	26.90	-7.579	-7.614	-6.797	-5.410	-3.840	-2.394	-1.168	-0.051	1.160	2.570
2701	27.00	4.062	5.281	5.779	5.241	3.681	1.520	-0.528	-1.708	-1.522	0.080
2711	27.10	2.673	5.540	7.947	9.617	9.869	9.583	9.026	8.632	8.643	9.069
2721	27.20	9.747	10.573	11.103	12.270	13.222	14.250	15.222	15.918	16.318	15.730
2731	27.30	14.860	13.783	12.952	12.338	12.024	11.984	11.791	11.147	9.940	8.297
2741	27.40	6.531	5.011	4.001	3.573	3.610	3.892	4.219	4.495	4.742	5.030
2751	27.50	5.383	5.709	5.808	5.451	4.499	2.996	1.190	-0.541	-1.818	-2.405
2761	27.60	-2.286	-1.665	-0.880	-0.277	-0.095	-0.412	-1.156	-2.171	-3.287	-4.385
2771	27.70	-5.408	-6.343	-7.189	-7.933	-8.548	-9.004	-9.293	-9.440	-9.497	-9.523
2781	27.80	-9.559	-9.623	-9.707	-9.796	-9.882	-9.967	-10.059	-10.156	-10.232	-10.238
2791	27.90	-10.124	-9.857	-9.445	-8.936	-8.410	-7.941	-7.576	-7.316	-7.126	-6.955
2801	28.00	-6.745	-6.549	-6.330	-6.143	-6.019	-5.965	-5.963	-5.984	-6.006	-6.027
2811	28.10	-6.044	-6.144	-6.285	-6.480	-6.695	-6.873	-6.950	-6.863	-6.561	-6.006
2821	28.20	-5.179	-4.073	-2.720	-1.185	0.430	2.008	3.439	4.659	5.661	6.498
2831	28.30	7.246	7.972	8.695	9.372	9.924	10.271	10.385	10.314	10.185	10.162
2841	28.40	10.395	10.962	11.838	12.890	13.907	14.652	14.919	14.580	13.623	12.157
2851	28.50	10.396	8.619	7.099	6.037	5.502	5.406	5.535	5.616	5.421	4.847
2861	28.60	3.959	2.964	2.193	1.652	1.588	1.803	2.022	1.931	1.299	0.063
2871	28.70	-1.643	-3.545	-5.323	-6.713	-7.576	-7.912	-7.823	-7.752	-6.811	-5.753
2881	28.80	-5.780	-5.256	-4.836	-4.575	-4.522	-4.690	-5.048	-5.524	-6.023	-6.466
2891	28.90	-6.799	-7.000	-7.064	-6.983	-6.733	-6.278	-5.596	-4.689	-3.619	-2.683
2901	29.00	-1.398	-0.462	0.274	0.817	1.215	1.534	1.820	2.078	2.270	2.333
2911	29.10	2.206	1.858	1.299	0.585	-0.200	-0.963	-1.629	-2.151	-2.521	-2.758
2921	29.20	-2.906	-3.009	-3.098	-3.180	-3.227	-3.189	-3.010	-2.650	-2.114	-1.463
2931	29.30	-0.808	-0.288	-0.024	-0.077	-0.521	-0.939	-1.457	-1.797	-1.839	-1.580
2941	29.40	-1.042	-0.466	0.046	0.285	0.209	-0.162	-0.750	-1.456	-2.206	-2.959
2951	29.50	-3.712	-4.461	-5.176	-5.783	-6.199	-6.347	-6.204	-5.812	-5.268	-4.683
2961	29.60	-4.135	-3.636	-3.130	-2.526	-1.749	-0.779	0.328	1.459	2.489	3.328
2971	29.70	3.952	4.400	4.749	5.068	5.387	5.689	5.922	6.029	5.983	5.792
2981	29.80	5.500	5.162	4.823	4.502	4.195	3.882	3.546	3.184	2.801	2.415
2991	29.90	2.036	1.469	1.304	0.925	0.509	0.038	-0.500	-1.100	-1.736	-2.359

Table 7-28-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1970 1302-GR-1-28 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -53.488 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-2.896	-3.270	-3.415	-3.304	-2.956	-2.439	-1.845	-1.257	-0.720	-0.223
3011	30.10	0.288	0.886	1.620	2.483	3.402	4.253	4.899	5.232	5.212	4.882
3021	30.20	4.356	3.792	3.353	3.170	3.319	3.799	4.562	5.422	6.280	6.958
3031	30.30	7.332	7.340	6.996	6.385	5.660	4.906	4.301	3.888	3.660	3.557
3041	30.40	3.485	3.355	3.107	2.729	2.250	1.728	1.227	0.795	0.456	0.206
3051	30.50	0.025	-0.115	-0.232	-0.339	-0.436	-0.523	-0.603	-0.682	-0.764	-0.846
3061	30.60	-0.911	-0.930	-0.876	-0.733	-0.506	-0.224	0.080	0.390	0.720	1.116
3071	30.70	1.634	2.298	3.061	3.803	4.319	4.402	3.903	2.790	1.174	-0.716
3081	30.80	-2.605	-4.248	-5.500	-6.333	-6.815	-7.050	-7.127	-7.078	-6.894	-6.556
3091	30.90	-6.075	-5.524	-5.021	-4.691	-4.613	-4.786	-5.120	-5.467	-5.675	-5.636
3101	31.00	-5.310	-4.730	-3.970	-3.112	-2.223	-1.344	-0.497	0.294	1.001	1.580
3111	31.10	2.023	2.293	2.414	2.428	2.400	2.399	2.482	2.681	2.986	3.343
3121	31.20	3.657	3.804	3.663	3.456	3.275	1.116	-0.151	-1.319	-2.212	-2.738
3131	31.30	-2.919	-2.874	-2.762	-2.715	-2.784	-2.923	-3.027	-2.994	-2.782	-2.440
3141	31.40	-2.083	-1.840	-1.791	-1.928	-2.167	-2.393	-2.527	-2.559	-2.550	-2.583
3151	31.50	-2.700	-2.860	-2.945	-2.812	-2.384	-1.704	-0.952	-0.386	-0.236	-0.605
3161	31.60	-1.405	-2.382	-3.197	-3.552	-3.292	-2.443	-1.185	0.221	1.528	2.558
3171	31.70	3.219	3.480	3.343	2.826	1.979	0.911	-0.196	-1.104	-1.587	-1.517
3181	31.80	-0.923	-0.007	0.918	1.536	1.644	1.227	0.452	-0.399	-1.041	-1.289
3191	31.90	-1.102	-0.577	0.121	0.833	1.454	1.955	2.357	2.700	3.018	3.333
3201	32.00	3.667	4.048	4.501	5.035	5.616	6.166	6.584	6.790	6.758	6.525
3211	32.10	6.160	5.708	5.132	4.310	3.074	1.313	-0.935	-3.431	-5.773	-7.512
3221	32.20	-8.310	-8.073	-6.996	-5.500	-4.087	-3.166	-2.930	-3.320	-4.092	-4.933
3231	32.30	-5.586	-5.912	-5.906	-5.627	-5.141	-4.475	-3.621	-2.573	-1.353	-0.078
3241	32.40	1.162	2.254	3.154	3.898	4.569	5.252	5.980	6.710	7.340	7.760
3251	32.50	7.905	7.787	7.486	7.111	6.756	6.460	6.206	5.945	5.627	5.224
3261	32.60	4.738	4.178	3.549	2.844	2.063	1.235	0.441	-0.204	-0.581	-0.629
3271	32.70	-0.384	0.013	0.355	0.449	0.186	-0.410	-1.193	-1.960	-2.534	-2.837
3281	32.80	-2.908	-2.867	-2.846	-2.902	-2.998	-3.007	-2.782	-2.243	-1.438	-0.541
3291	32.90	0.189	0.508	0.265	-0.536	-1.752	-3.150	-4.496	-5.618	-6.447	-7.010
3301	33.00	-7.381	-7.641	-7.835	-7.964	-7.999	-7.903	-7.655	-7.254	-6.723	-6.093
3311	33.10	-5.406	-4.713	-4.079	-3.584	-3.309	-3.313	-3.607	-4.137	-4.789	-5.416
3321	33.20	-5.878	-6.084	-6.012	-5.708	-5.281	-4.763	-4.287	-3.862	-3.489	-3.151
3331	33.30	-2.836	-2.514	-2.298	-2.111	-1.996	-1.946	-1.944	-1.964	-1.982	-1.980
3341	33.40	-1.944	-1.858	-1.699	-1.434	-1.030	-0.462	0.275	1.161	2.143	3.146
3351	33.50	4.077	4.845	5.380	5.650	5.674	5.520	5.294	5.107	5.054	5.181
3361	33.60	5.486	5.927	6.446	6.994	7.543	8.080	8.586	9.020	9.316	9.410
3371	33.70	9.275	8.951	8.561	8.269	8.227	8.501	9.028	9.628	10.064	10.132
3381	33.80	9.743	8.984	7.983	7.041	6.328	5.922	5.775	5.758	5.736	5.637
3391	33.90	5.482	5.359	5.367	5.557	5.890	6.256	6.519	6.569	6.369	5.955
3401	34.00	5.407	4.810	4.218	3.643	3.075	2.502	1.937	1.415	0.980	0.663
3411	34.10	0.460	0.342	0.264	0.188	0.096	-0.008	-0.114	-0.228	-0.360	-0.541
3421	34.20	-0.793	-1.120	-1.500	-1.896	-2.268	-2.597	-2.886	-3.147	-3.401	-3.645
3431	34.30	-3.852	-3.974	-3.964	-3.786	-3.435	-2.933	-2.330	-1.691	-1.097	-0.630
3441	34.40	-0.372	-0.381	-0.681	-1.239	-1.968	-2.745	-3.446	-3.989	-4.360	-4.615
3451	34.50	-4.869	-5.145	-5.529	-5.950	-6.298	-6.446	-6.311	-5.897	-5.297	-4.662
3461	34.60	-4.151	-3.874	-3.863	-4.078	-4.438	-4.862	-5.292	-5.699	-6.059	-6.328
3471	34.70	-6.429	-6.265	-5.758	-5.241	-4.761	-4.280	-3.833	-0.512	-0.153	-0.267
3481	34.80	-0.746	-1.394	-2.003	-2.410	-2.539	-2.409	-2.100	-1.713	-1.331	-1.007
3491	34.90	-0.773	-0.667	-0.741	-1.061	-1.678	-2.580	-3.679	-4.811	-5.788	-6.468

Table 7-28-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1970 1302-GR-1-28 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -53.488 (GAL) T= 6.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-6.816	-6.921	-6.967	-7.141	-7.536	-8.094	-8.608	-8.806	-8.470	-7.551
3511	35.10	-6.213	-4.792	-3.672	-3.139	-3.263	-3.872	-4.626	-5.152	-5.194	-4.700
3521	35.20	-3.831	-2.999	-2.099	-1.695	-1.670	-1.906	-2.229	-2.498	-2.663	-2.767
3531	35.30	-2.895	-3.109	-3.253	-3.352	-3.369	-3.397	-3.397	-2.773	-2.000	-1.201
3541	35.40	-0.470	0.159	0.715	1.265	1.879	2.587	3.373	4.173	4.907	5.511
3551	35.50	5.967	6.315	6.638	7.028	7.550	8.204	8.916	9.566	10.015	10.174
3561	35.60	10.031	9.654	9.155	8.632	8.121	7.577	6.908	6.061	4.991	3.898
3571	35.70	2.995	2.524	2.620	3.231	4.103	4.855	5.122	4.696	3.622	2.192
3581	35.80	0.834	-0.034	-0.159	0.476	1.667	3.090	4.427	5.469	6.150	6.522
3591	35.90	6.676	6.681	6.551	6.261	5.794	5.186	4.538	3.991	3.672	3.642
3601	36.00	3.871	4.249	4.632	4.896	4.974	4.871	4.643	4.364	4.095	3.861
3611	36.10	3.654	3.443	3.186	2.845	2.398	1.839	1.185	0.479	-0.221	-0.869
3621	36.20	-1.354	-1.707	-1.915	-2.010	-2.031	-2.003	-1.930	-1.796	-1.586	-1.306
3631	36.30	-0.989	-0.693	-0.466	-0.314	-0.198	-0.026	0.298	0.832	1.551	2.367
3641	36.40	3.051	3.698	3.580	3.286	2.703	1.978	1.265	0.678	0.256	-0.005
3651	36.50	-0.150	-0.215	-0.214	-0.143	0.005	0.216	0.441	0.622	0.693	0.621
3661	36.60	0.408	0.092	-0.277	-0.659	-1.042	-1.460	-1.875	-2.359	-2.879	-3.395
3671	36.70	-3.860	-4.235	-4.511	-4.710	-4.872	-5.043	-5.254	-5.523	-5.858	-6.245
3681	36.80	-6.754	-7.332	-7.986	-8.665	-9.278	-9.712	-9.867	-9.704	-9.273	-8.711
3691	36.90	-8.209	-7.943	-8.015	-8.407	-8.983	-9.538	-9.868	-9.836	-9.419	-8.699
3701	37.00	-7.822	-6.935	-6.133	-5.437	-4.802	-4.163	-3.670	-2.718	-1.944	-1.209
3711	37.10	-0.561	-0.018	0.440	0.852	1.254	1.667	2.089	2.512	2.937	3.383
3721	37.20	3.877	4.344	5.079	5.748	6.394	6.964	7.438	7.838	8.219	8.634
3731	37.30	9.094	9.547	9.882	9.970	9.721	9.131	8.309	7.403	6.660	6.156
3741	37.40	5.999	6.108	6.340	6.536	6.574	6.408	6.086	5.614	5.123	4.628
3751	37.50	4.129	3.606	3.047	2.472	1.928	1.470	1.132	0.898	0.708	0.482
3761	37.60	0.163	-0.255	-0.708	-1.094	-1.309	-1.294	-1.070	-0.728	-0.397	-0.196
3771	37.70	-0.190	-0.378	-0.699	-1.072	-1.428	-1.736	-2.003	-2.256	-2.518	-2.798
3781	37.80	-3.087	-3.378	-3.675	-4.006	-4.406	-4.894	-5.457	-6.037	-6.547	-6.905
3791	37.90	-7.067	-7.050	-6.924	-6.786	-6.723	-6.770	-6.909	-7.074	-7.186	-7.181
3801	38.00	-7.033	-6.746	-6.345	-5.856	-5.297	-4.686	-4.051	-3.445	-2.933	-2.578
3811	38.10	-2.402	-2.367	-2.375	-2.296	-2.015	-1.483	-0.739	0.094	0.851	1.385
3821	38.20	1.611	1.535	1.242	0.858	0.507	0.279	0.211	0.300	0.516	0.822
3831	38.30	1.184	1.569	1.946	2.288	2.579	2.822	3.042	3.271	3.532	3.808
3841	38.40	4.037	4.124	3.977	3.558	2.912	2.177	1.547	1.203	1.248	1.656
3851	38.50	2.274	2.870	3.214	3.139	2.689	1.924	1.073	0.357	-0.055	-0.097
3861	38.60	0.189	0.685	1.234	1.692	1.949	1.947	1.679	1.189	0.569	-0.052
3871	38.70	-0.523	-0.706	-0.526	0.007	0.763	1.540	2.114	2.322	2.127	1.632
3881	38.80	1.052	0.626	0.525	0.783	1.280	1.798	2.101	2.040	1.598	0.902
3891	38.90	0.156	-0.431	-0.730	-0.719	-0.476	-0.130	0.196	0.417	0.509	0.478
3901	39.00	0.339	0.107	-0.200	-0.546	-0.864	-0.990	-0.867	-0.405	0.375	1.351
3911	39.10	2.321	3.070	3.434	3.359	2.914	2.259	1.589	1.060	0.748	0.636
3921	39.20	0.641	0.456	0.600	0.443	0.206	-0.051	-0.254	-0.350	-0.317	-0.163
3931	39.30	0.080	0.372	0.677	0.975	1.264	1.556	1.868	2.214	2.592	2.989
3941	39.40	3.381	3.745	4.072	4.370	4.659	4.959	5.276	5.589	5.873	6.094
3951	39.50	6.243	6.341	6.432	6.562	6.748	6.953	7.097	7.079	6.823	6.322
3961	39.60	5.643	4.911	4.254	3.750	3.389	3.081	2.696	2.132	1.363	0.461
3971	39.70	-0.439	-1.192	-1.710	-1.996	-2.144	-2.290	-2.558	-3.010	-3.639	-4.389
3981	39.80	-5.206	-6.059	-6.969	-7.959	-9.021	-10.077	-10.976	-11.528	-11.586	-11.101
3991	39.90	-10.169	-9.011	-7.912	-7.133	-6.824	-6.983	-7.469	-8.057	-8.522	-8.703

Table 7-28-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1970 1302-GR-1-28 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -53.488 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-8.547	-8.102	-7.683	-6.825	-6.238	-5.787	-5.489	-5.336	-5.296	-5.352
4011	40.10	-5.487	-5.688	-5.935	-6.200	-6.440	-6.606	-6.651	-6.543	-6.272	-5.859
4021	40.20	-5.357	-4.839	-4.378	-4.035	-3.832	-3.750	-3.740	-3.739	-3.704	-3.623
4031	40.30	-3.528	-3.466	-3.681	-3.573	-3.697	-3.768	-3.701	-3.465	-3.011	-2.469
4041	40.40	-1.907	-1.393	-0.929	-0.452	0.142	0.930	1.915	2.991	3.975	4.670
4051	40.50	4.947	6.811	6.412	3.993	3.806	4.013	4.631	5.530	6.488	7.277
4061	40.60	7.747	7.864	7.706	7.422	7.172	7.085	7.234	7.639	8.272	9.067
4071	40.70	9.914	10.669	11.170	11.279	10.931	10.177	9.191	8.223	7.517	7.216
4081	40.80	7.302	7.592	7.809	7.686	7.080	6.024	4.716	3.424	2.400	1.768
4091	40.90	1.505	1.473	1.496	1.449	1.303	1.118	0.993	1.000	1.145	1.359
4101	41.00	1.540	1.601	1.513	1.308	1.055	0.809	0.585	0.350	0.069	-0.345
4111	41.10	-0.797	-1.207	-1.434	-1.356	-0.921	-0.178	0.730	1.609	2.276	2.612
4121	41.20	2.588	2.260	1.737	1.139	0.559	0.043	-0.403	-0.802	-1.177	-1.529
4131	41.30	-1.831	-2.029	-2.061	-1.881	-1.488	-0.935	-0.337	0.160	0.410	0.319
4141	41.40	-0.124	-0.630	-1.630	-2.321	-2.725	-2.745	-2.390	-1.786	-1.010	-0.377
4151	41.50	0.110	0.390	0.517	0.589	0.714	0.955	1.315	1.733	2.105	2.320
4161	41.60	2.291	1.985	1.428	0.701	-0.073	-0.760	-1.238	-1.428	-1.316	-0.950
4171	41.70	-0.479	-0.037	0.207	0.140	-0.272	-0.976	-1.845	-2.716	-3.446	-3.945
4181	41.80	-4.202	-4.275	-4.257	-4.262	-4.287	-4.402	-4.557	-4.707	-4.817	-4.877
4191	41.90	-4.903	-4.919	-4.946	-4.988	-5.032	-5.061	-5.068	-5.065	-5.075	-5.123
4201	42.00	-5.218	-5.345	-5.469	-5.552	-5.571	-5.533	-5.463	-5.397	-5.352	-5.313
4211	42.10	-5.233	-5.054	-4.729	-4.252	-3.664	-3.043	-2.478	-2.042	-1.768	-1.651
4221	42.20	-1.657	-1.741	-1.861	-1.982	-2.071	-2.090	-1.998	-1.757	-1.355	-0.816
4231	42.30	-0.209	0.371	0.826	1.085	1.127	0.979	0.700	0.357	-0.000	-0.347
4241	42.40	-0.679	-0.998	-1.297	-1.562	-1.773	-1.923	-2.021	-2.097	-2.181	-2.285
4251	42.50	-2.396	-2.469	-2.453	-2.310	-2.038	-1.671	-1.268	-0.882	-0.531	-0.194
4261	42.60	0.186	0.670	1.290	2.028	2.817	3.561	4.173	4.607	4.869	5.013
4271	42.70	5.116	5.268	5.449	5.722	6.042	6.376	6.696	6.995	7.277	7.551
4281	42.80	7.812	8.041	8.203	8.260	8.185	7.976	7.653	7.258	6.840	6.436
4291	42.90	6.069	5.738	5.429	5.121	4.807	4.492	4.201	3.959	3.788	3.684
4301	43.00	3.619	3.545	3.410	3.177	2.841	2.429	1.989	1.574	1.218	0.928
4311	43.10	0.686	0.469	0.263	0.080	-0.044	-0.068	0.035	0.256	0.545	0.825
4321	43.20	1.021	1.080	0.993	0.791	0.523	0.233	-0.057	-0.353	-0.667	-1.002
4331	43.30	-1.326	-1.578	-1.683	-1.589	-1.298	-0.880	-0.464	-0.199	-0.204	-0.527
4341	43.40	-1.119	-1.852	-2.553	-3.058	-3.261	-3.142	-2.767	-2.257	-1.751	-1.359
4351	43.50	-1.142	-1.102	-1.196	-1.368	-1.568	-1.773	-1.988	-2.228	-2.506	-2.815
4361	43.60	-3.126	-3.398	-3.601	-3.730	-3.813	-3.906	-4.068	-4.338	-4.711	-5.137
4371	43.70	-5.534	-5.819	-5.932	-5.857	-5.625	-5.293	-4.920	-4.549	-4.193	-3.868
4381	43.80	-3.506	-3.162	-2.862	-2.575	-2.384	-2.268	-2.192	-2.096	-1.910	-1.583
4391	43.90	-1.097	-0.477	0.220	0.921	1.563	2.101	2.515	2.811	3.009	3.138
4401	44.00	3.233	3.332	3.475	3.694	4.014	4.442	4.986	5.553	6.162	6.740
4411	44.10	7.234	7.588	7.750	7.681	7.363	6.817	6.108	5.343	4.654	4.156
4421	44.20	3.918	3.929	4.104	4.298	4.361	4.181	3.719	3.022	2.197	1.373
4431	44.30	0.659	0.111	-0.269	-0.519	-0.689	-0.819	-0.920	-0.988	-1.010	-0.985
4441	44.40	-0.930	-0.827	-0.859	-0.900	-1.008	-1.171	-1.370	-1.588	-1.813	-2.037
4451	44.50	-2.258	-2.486	-2.651	-2.800	-2.910	-2.987	-3.050	-3.123	-3.225	-3.360
4461	44.60	-3.522	-3.623	-3.845	-3.974	-4.075	-4.151	-4.208	-4.251	-4.279	-4.294
4471	44.70	-4.302	-4.321	-4.368	-4.459	-4.588	-4.732	-4.850	-4.902	-4.866	-4.748
4481	44.80	-4.575	-4.384	-4.188	-3.968	-3.669	-3.224	-2.595	-1.805	-0.954	-0.207
4491	44.90	0.263	0.330	-0.025	-0.695	-1.466	-2.082	-2.319	-2.060	-1.324	-0.260

Table 7-28-10 TABLE OF CORRECTED ACCELERATION RECORD NO. 10

INDEX NO. 1970 1302-GR-1-28 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -53.488 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.906	1.940	2.665	3.002	2.972	2.669	2.221	1.740	1.307	0.955
4511	45.10	0.687	0.483	0.324	0.192	0.078	-0.025	-0.123	-0.220	-0.315	-0.401
4521	45.20	-0.462	-0.483	-0.447	-0.348	-0.191	0.008	0.233	0.467	0.702	0.939
4531	45.30	1.181	1.427	1.668	1.878	2.022	2.065	1.982	1.777	1.485	1.169
4541	45.40	0.910	0.784	0.839	1.076	1.448	1.867	2.229	2.443	2.459	2.278
4551	45.50	1.953	1.563	1.192	0.899	0.702	0.584	0.500	0.404	0.266	0.080
4561	45.60	-0.136	-0.352	-0.561	-0.682	-0.770	-0.800	-0.767	-0.658	-0.459	-0.159
4571	45.70	0.233	0.688	1.161	1.601	1.973	2.265	2.494	2.690	2.882	3.082
4581	45.80	3.277	3.439	3.537	3.554	3.494	3.380	3.260	3.092	2.937	2.764
4591	45.90	2.559	2.328	2.091	1.882	1.729	1.633	1.566	1.487	1.363	1.205
4601	46.00	1.071	1.066	1.206	1.556	2.024	2.453	2.869	2.552	2.102	1.459
4611	46.10	0.858	0.541	0.659	1.198	1.981	2.730	3.176	3.163	2.703	1.955
4621	46.20	1.153	0.498	0.085	-0.124	-0.256	-0.451	-0.790	-1.255	-1.748	-2.144
4631	46.30	-2.365	-2.405	-2.333	-2.249	-2.232	-2.306	-2.438	-2.573	-2.666	-2.721
4641	46.40	-2.776	-2.883	-3.060	-3.279	-3.462	-3.526	-3.419	-3.152	-2.797	-2.450
4651	46.50	-2.190	-2.044	-1.977	-1.924	-1.822	-1.645	-1.412	-1.167	-0.951	-0.771
4661	46.60	-0.600	-0.394	-0.126	0.193	0.519	0.798	1.002	1.148	1.295	1.511
4671	46.70	1.823	2.193	2.518	2.672	2.565	2.192	1.647	1.098	0.718	0.621
4681	46.80	0.824	1.242	1.736	2.161	2.427	2.508	2.436	2.266	2.046	1.802
4691	46.90	1.543	1.279	1.031	0.828	0.692	0.616	0.567	0.474	0.283	-0.032
4701	47.00	-0.448	-0.911	-1.361	-1.775	-2.182	-2.652	-3.255	-4.013	-4.874	-5.709
4711	47.10	-6.342	-6.706	-6.820	-6.812	-6.612	-5.960	-5.507	-5.608	-5.921	-6.340
4721	47.20	-6.744	-7.047	-7.227	-7.311	-7.352	-7.384	-7.404	-7.375	-7.244	-6.982
4731	47.30	-6.602	-6.165	-5.761	-5.474	-5.347	-5.370	-5.475	-5.564	-5.533	-5.304
4741	47.40	-4.842	-4.151	-3.275	-2.276	-1.221	-0.187	0.760	1.561	2.171	2.574
4751	47.50	2.788	2.875	2.933	3.069	3.378	3.905	4.631	5.470	6.301	7.002
4761	47.60	7.492	7.759	7.853	7.864	7.877	7.935	8.027	8.094	8.069	7.908
4771	47.70	7.619	7.251	6.886	6.557	6.269	5.985	5.586	5.017	4.331	3.600
4781	47.80	2.973	2.568	2.568	2.846	3.319	3.789	4.043	4.013	3.693	3.021
4791	47.90	2.322	1.707	1.293	1.118	1.151	1.314	1.520	1.691	1.779	1.754
4801	48.00	1.601	1.315	0.912	0.429	-0.063	-0.478	-0.730	-0.765	-0.585	-0.250
4811	48.10	0.140	0.489	0.652	0.652	0.490	0.227	-0.061	-0.312	-0.498	-0.624
4821	48.20	-0.919	-0.815	-0.931	-1.067	-1.209	-1.335	-1.434	-1.506	-1.562	-1.621
4831	48.30	-1.690	-1.706	-1.830	-1.855	-1.817	-1.702	-1.515	-1.277	-1.017	-0.761
4841	48.40	-0.526	-0.315	-0.122	0.041	0.256	0.393	0.515	0.585	0.602	0.581
4851	48.50	0.542	0.550	0.711	0.946	1.286	1.693	2.107	2.468	2.731	2.878
4861	48.60	2.916	2.870	2.772	2.644	2.496	2.328	2.134	1.914	1.677	1.439
4871	48.70	1.218	1.026	0.860	0.705	0.539	0.343	0.116	-0.119	-0.323	-0.447
4881	48.80	-0.454	-0.331	-0.100	0.186	0.456	0.644	0.707	0.635	0.445	0.175
4891	48.90	-0.140	-0.477	-0.831	-1.210	-1.623	-2.069	-2.531	-2.979	-3.377	-3.694
4901	49.00	-3.905	-3.996	-3.956	-3.777	-3.473	-3.078	-2.661	-2.323	-2.173	-2.297
4911	49.10	-2.716	-3.345	-4.097	-4.720	-5.053	-4.986	-4.515	-3.740	-2.824	-1.939
4921	49.20	-1.206	-0.671	-0.306	-0.049	0.159	0.339	0.471	0.516	0.445	0.263
4931	49.30	0.012	-0.244	-0.448	-0.578	-0.647	-0.700	-0.787	-0.941	-1.173	-1.473
4941	49.40	-1.821	-2.212	-2.627	-3.051	-3.444	-3.768	-3.895	-3.838	-3.578	-3.177
4951	49.50	-2.748	-2.419	-2.296	-2.413	-2.753	-3.237	-3.777	-4.299	-4.764	-5.159
4961	49.60	-5.471	-5.669	-5.703	-5.521	-5.104	-4.488	-3.776	-3.104	-2.598	-2.328
4971	49.70	-2.284	-2.386	-2.523	-2.680	-2.570	-2.439	-2.236	-1.982	-1.659	-1.214
4981	49.80	-0.596	0.204	1.118	2.007	2.702	3.072	3.082	2.819	2.467	2.241
4991	49.90	2.305	2.714	3.396	4.198	4.928	5.452	5.720	5.777	5.719	5.648

Table 7-28-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1970 1302-GR-1-28 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -53.488 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	5.627	5.660	5.708	5.715	5.645	5.492	5.277	5.038	4.777	4.514
5011	50.10	4.231	3.921	3.592	3.273	3.002	2.810	2.701	2.649	2.608	2.533
5021	50.20	2.402	2.222	2.025	1.849	1.716	1.620	1.530	1.407	1.224	0.984
5031	50.30	0.714	0.457	0.247	0.095	-0.019	-0.132	-0.279	-0.475	-0.710	-0.949
5041	50.40	-1.158	-1.314	-1.420	-1.503	-1.593	-1.713	-1.857	-2.001	-2.101	-2.122
5051	50.50	-2.047	-1.883	-1.662	-1.423	-1.205	-1.032	-0.914	-0.868	-0.819	-0.806
5061	50.60	-0.783	-0.722	-0.600	-0.406	-0.149	0.140	0.416	0.636	0.773	0.831
5071	50.70	0.841	0.852	0.904	1.017	1.175	1.343	1.481	1.569	1.617	1.662
5081	50.80	1.746	1.695	2.106	2.340	2.567	2.686	2.745	2.749	2.744	2.774
5091	50.90	2.654	2.968	3.071	3.117	3.079	2.968	2.825	2.701	2.629	2.608
5101	51.00	2.604	2.560	2.432	2.206	1.909	1.596	1.328	1.143	1.043	0.996
5111	51.10	0.956	0.886	0.777	0.656	0.572	0.573	0.689	0.911	1.203	1.508
5121	51.20	1.773	1.964	2.073	2.112	2.101	2.055	1.976	1.857	1.685	1.459
5131	51.30	1.198	0.938	0.730	0.621	0.641	0.788	1.030	1.309	1.560	1.728
5141	51.40	1.782	1.721	1.572	1.374	1.166	0.976	0.814	0.678	0.553	0.431
5151	51.50	0.304	0.174	0.043	-0.085	-0.215	-0.351	-0.504	-0.677	-0.868	-1.069
5161	51.60	-1.268	-1.456	-1.628	-1.784	-1.930	-2.073	-2.217	-2.365	-2.516	-2.672
5171	51.70	-2.839	-3.022	-3.230	-3.464	-3.717	-3.974	-4.217	-4.429	-4.605	-4.751
5181	51.80	-4.885	-5.028	-5.191	-5.374	-5.557	-5.708	-5.796	-5.799	-5.718	-5.571
5191	51.90	-5.391	-5.210	-5.045	-4.898	-4.757	-4.604	-4.432	-4.250	-4.088	-3.978
5201	52.00	-3.949	-4.010	-4.144	-4.316	-4.492	-4.634	-4.732	-4.792	-4.828	-4.856
5211	52.10	-4.881	-4.900	-4.908	-4.906	-4.905	-4.926	-4.985	-5.082	-5.196	-5.285
5221	52.20	-5.301	-5.211	-5.011	-4.727	-4.409	-4.108	-3.855	-3.650	-3.469	-3.273
5231	52.30	-3.035	-2.751	-2.442	-2.146	-1.893	-1.691	-1.521	-1.362	-1.110	-0.799
5241	52.40	-0.412	0.019	0.446	0.823	1.124	1.350	1.527	1.695	1.891	2.140
5251	52.50	2.458	2.805	3.191	3.583	3.963	4.319	4.669	4.958	5.257	5.555
5261	52.60	5.859	6.171	6.484	6.788	7.076	7.344	7.598	7.868	8.101	8.355
5271	52.70	8.592	8.776	8.870	8.838	8.668	8.372	7.984	7.556	7.134	6.752
5281	52.80	6.425	6.147	5.903	5.675	5.443	5.195	4.916	4.595	4.225	3.807
5291	52.90	3.362	2.926	2.542	2.247	2.058	1.956	1.896	1.818	1.673	1.443
5301	53.00	1.149	0.860	0.576	0.393	0.290	0.226	0.137	-0.033	-0.308	-0.665
5311	53.10	-1.045	-1.375	-1.602	-1.710	-1.730	-1.720	-1.739	-1.823	-1.969	-2.146
5321	53.20	-2.311	-2.436	-2.523	-2.603	-2.720	-2.906	-3.166	-3.449	-3.767	-4.007
5331	53.30	-4.162	-4.236	-4.259	-4.271	-4.296	-4.333	-4.353	-4.313	-4.178	-3.939
5341	53.40	-3.619	-3.262	-2.914	-2.604	-2.329	-2.061	-1.759	-1.395	-0.964	-0.498
5351	53.50	-0.047	0.334	0.609	0.774	0.859	0.913	0.984	1.103	1.272	1.468
5361	53.60	1.655	1.801	1.892	1.935	1.953	1.975	2.020	2.090	2.169	2.236
5371	53.70	2.268	2.256	2.205	2.130	2.049	1.976	1.908	1.864	1.772	1.689
5381	53.80	1.599	1.517	1.466	1.455	1.502	1.605	1.758	1.951	2.172	2.410
5391	53.90	2.646	2.859	3.021	3.103	3.087	2.969	2.771	2.532	2.298	2.110
5401	54.00	1.985	1.916	1.873	1.817	1.716	1.557	1.351	1.127	0.921	0.760
5411	54.10	0.656	0.600	0.568	0.533	0.475	0.387	0.280	0.173	0.091	0.051
5421	54.20	0.065	0.129	0.235	0.372	0.529	0.699	0.877	1.053	1.214	1.335
5431	54.30	1.388	1.347	1.202	0.959	0.648	0.311	-0.008	-0.280	-0.500	-0.689
5441	54.40	-0.881	-1.111	-1.395	-1.724	-2.065	-2.373	-2.615	-2.773	-2.861	-2.911
5451	54.50	-2.963	-3.048	-3.180	-3.352	-3.544	-3.735	-3.908	-4.059	-4.192	-4.316
5461	54.60	-4.439	-4.563	-4.685	-4.795	-4.880	-4.923	-4.908	-4.823	-4.662	-4.437
5471	54.70	-4.172	-3.904	-3.667	-3.484	-3.355	-3.259	-3.162	-3.034	-2.864	-2.668
5481	54.80	-2.483	-2.353	-2.306	-2.350	-2.462	-2.608	-2.756	-2.885	-3.004	-3.131
5491	54.90	-3.276	-3.435	-3.580	-3.688	-3.662	-3.548	-3.342	-3.088	-2.837	-2.629

Table 7-28-12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1970 1302-GR-1-28 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -53.488 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-2.477	-2.366	-2.262	-2.135	-1.969	-1.772	-1.567	-1.382	-1.234	-1.130
5511	55.10	-1.052	-0.980	-0.899	-0.797	-0.676	-0.541	-0.396	-0.247	-0.098	0.047
5521	55.20	0.180	0.293	0.380	0.443	0.493	0.542	0.603	0.681	0.770	0.863
5531	55.30	0.947	1.019	1.079	1.132	1.178	1.215	1.237	1.242	1.242	1.261
5541	55.40	1.335	1.494	1.749	2.086	2.457	2.806	3.082	3.263	3.360	3.418
5551	55.50	3.493	3.628	3.838	4.100	4.367	4.578	4.684	4.658	4.499	4.229
5561	55.60	3.885	3.509	3.161	2.818	2.571	2.419	2.372	2.422	2.547	2.716
5571	55.70	2.893	3.059	3.166	3.232	3.245	3.206	3.117	2.982	2.809	2.614
5581	55.80	2.418	2.243	2.105	2.010	1.948	1.906	1.857	1.793	1.710	1.612
5591	55.90	1.511	1.415	1.329	1.250	1.174	1.093	1.006	0.915	0.824	0.735
5601	56.00	0.650	0.570	0.493	0.419	0.352	0.290	0.233	0.174	0.105	0.024
5611	56.10	-0.069	-0.161	-0.232	-0.261	-0.236	-0.158	-0.043	0.082	0.189	0.261
5621	56.20	0.295	0.306	0.316	0.344	0.397	0.464	0.530	0.575	0.596	0.605
5631	56.30	0.626	0.685	0.793	0.935	1.072	1.157	1.169	1.041	0.857	0.651
5641	56.40	0.484	0.395	0.384	0.413	0.425	0.370	0.230	0.034	-0.159	-0.287
5651	56.50	-0.315	-0.255	-0.165	-0.116	-0.162	-0.306	-0.498	-0.653	-0.687	-0.558
5661	56.60	-0.284	0.061	0.375	0.572	0.608	0.493	0.278	0.031	-0.198	-0.385
5671	56.70	-0.535	-0.666	-0.796	-0.932	-1.070	-1.204	-1.331	-1.454	-1.576	-1.694
5681	56.80	-1.798	-1.875	-1.921	-1.952	-1.999	-2.103	-2.287	-2.543	-2.823	-3.051
5691	56.90	-3.155	-3.090	-2.862	-2.523	-2.155	-1.844	-1.655	-1.624	-1.763	-2.070
5701	57.00	-2.536	-3.141	-3.838	-4.546	-5.155	-5.545	-5.628	-5.384	-4.877	-4.241
5711	57.10	-3.635	-3.192	-2.973	-2.945	-3.010	-3.046	-2.963	-2.734	-2.402	-2.054
5721	57.20	-1.781	-1.637	-1.627	-1.710	-1.825	-1.922	-1.983	-2.023	-2.075	-2.170
5731	57.30	-2.319	-2.502	-2.672	-2.772	-2.759	-2.615	-2.355	-2.029	-1.699	-1.421
5741	57.40	-1.222	-1.088	-0.967	-0.786	-0.483	-0.032	0.537	1.148	1.707	2.136
5751	57.50	2.410	2.571	2.705	2.912	3.258	3.746	4.314	4.866	5.313	5.617
5761	57.60	5.803	5.946	6.138	6.435	6.839	7.293	7.710	8.011	8.159	8.167
5771	57.70	8.090	7.991	7.912	7.858	7.801	7.700	7.524	7.275	6.972	6.657
5781	57.80	6.348	6.126	5.929	5.763	5.607	5.444	5.260	5.045	4.786	4.468
5791	57.90	4.079	3.614	3.085	2.516	1.941	1.387	0.871	0.386	-0.084	-0.560
5801	58.00	-1.055	-1.568	-2.082	-2.576	-3.029	-3.432	-3.790	-4.116	-4.425	-4.725
5811	58.10	-5.012	-5.271	-5.482	-5.632	-5.720	-5.764	-5.797	-5.860	-5.984	-6.180
5821	58.20	-6.428	-6.682	-6.880	-6.970	-6.927	-6.766	-6.531	-6.295	-6.116	-6.028
5831	58.30	-6.026	-6.000	-6.151	-6.214	-6.273	-6.346	-6.456	-6.598	-6.734	-6.898
5841	58.40	-6.729	-6.498	-6.136	-5.728	-5.380	-5.174	-5.125	-5.166	-5.173	-5.023
5851	58.50	-4.643	-4.056	-3.373	-2.768	-2.312	-2.117	-2.111	-2.166	-2.132	-1.908
5861	58.60	-1.477	-0.912	-0.327	0.174	0.548	0.828	1.094	1.424	1.851	2.341
5871	58.70	2.812	3.175	3.380	3.445	3.443	3.469	3.592	3.827	4.133	4.435
5881	58.80	4.666	4.793	4.825	4.795	4.731	4.639	4.498	4.282	3.986	3.646
5891	58.90	3.329	3.108	3.026	3.070	3.172	3.239	3.191	3.001	2.703	2.376
5901	59.00	2.102	1.931	1.864	1.855	1.868	1.808	1.739	1.682	1.689	1.794
5911	59.10	1.994	2.250	2.508	2.726	2.892	3.020	3.136	3.255	3.366	3.435
5921	59.20	3.429	3.330	3.154	2.942	2.740	2.579	2.454	2.331	2.165	1.929
5931	59.30	1.627	1.297	0.991	0.751	0.589	0.482	0.387	0.265	0.100	-0.090
5941	59.40	-0.261	-0.365	-0.369	-0.270	-0.093	0.120	0.326	0.496	0.619	0.706
5951	59.50	0.779	0.866	0.991	1.168	1.390	1.632	1.850	1.998	2.031	1.945
5961	59.60	1.760	1.530	1.318	1.174	1.114	1.116	1.137	1.136	1.104	1.068
5971	59.70	1.067	1.161	1.359	1.625	1.882	2.044	2.048	1.884	1.596	1.258
5981	59.80	0.942	0.684	0.480	0.293	0.087	-0.151	-0.402	-0.627	-0.791	-0.891
5991	59.90	-0.963	-1.061	-1.232	-1.488	-1.797	-2.096	-2.326	-2.460	-2.520	-2.564

Table 7-28-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1970 1302-GR-1-28 HA. (HA.) CHIYODA BRIDGE MAX. ACC. = -53.688 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
6001	60.00	-2.655	-2.825	-3.055	-3.277	-3.407	-3.382	-3.190	-2.873	-2.513	-2.190
6011	60.10	-1.956	-1.812	-1.725	-1.644	-1.531	-1.376	-1.200	-1.036	-0.912	-0.836
6021	60.20	-0.793	-0.760	-0.716	-0.656	-0.593	-0.553	-0.559	-0.627	-0.760	-0.941
6031	60.30	-1.144	-1.337	-1.482	-1.545	-1.498	-1.332	-1.060	-0.715	-0.369	-0.013
6041	60.40	0.255	0.443	0.562	0.641	0.704	0.756	0.780	0.746	0.624	0.405
6051	60.50	0.109	-0.216	-0.516	-0.747	-0.893	-0.972	-1.021	-1.081	-1.177	-1.313
6061	60.60	-1.667	-1.610	-1.721	-1.795	-1.836	-1.874	-1.932	-2.021	-2.142	-2.281
6071	60.70	-2.419	-2.537	-2.624	-2.679	-2.709	-2.729	-2.752	-2.794	-2.860	-2.952
6081	60.80	-3.060	-3.172	-3.272	-3.347	-3.395	-3.419	-3.431	-3.444	-3.466	-3.496
6091	60.90	-3.524	-3.538	-3.526	-3.479	-3.399	-3.287	-3.150	-2.989	-2.807	-2.609
6101	61.00	-2.400	-2.191	-1.995	-1.818	-1.660	-1.510	-1.369	-1.243	-0.965	-0.701
6111	61.10	-0.452	-0.224	-0.035	0.106	0.209	0.297	0.395	0.524	0.692	0.892
6121	61.20	1.105	1.309	1.483	1.621	1.726	1.814	1.906	2.020	2.168	2.350
6131	61.30	2.551	2.767	2.912	3.031	3.103	3.144	3.180	3.238	3.329	3.441
6141	61.40	3.543	3.596	3.567	3.448	3.259	3.040	2.837	2.680	2.574	2.498
6151	61.50	2.419	2.311	2.174	2.038	1.948	1.951	2.067	2.284	2.554	2.817
6161	61.60	3.018	3.131	3.160	3.141	3.118	3.129	3.192	3.303	3.439	3.571
6171	61.70	3.671	3.724	3.721	3.665	3.565	3.433	3.287	3.141	3.008	2.894
6181	61.80	2.796	2.703	2.602	2.480	2.338	2.182	2.027	1.886	1.767	1.665
6191	61.90	1.572	1.474	1.364	1.243	1.119	1.002	0.900	0.816	0.745	0.681
6201	62.00	0.620	0.556	0.486	0.405	0.308	0.190	0.052	-0.096	-0.236	-0.348
6211	62.10	-0.423	-0.468	-0.506	-0.573	-0.699	-0.892	-1.135	-1.388	-1.607	-1.764
6221	62.20	-1.860	-1.929	-2.017	-2.161	-2.364	-2.593	-2.785	-2.876	-2.825	-2.637
6231	62.30	-2.356	-2.068	-1.772	-1.555	-1.390	-1.241	-1.073	-0.872	-0.656	-0.470
6241	62.40	-0.365	-0.373	-0.494	-0.696	-0.934	-1.166	-1.370	-1.544	-1.697	-1.827
6251	62.50	-1.916	-1.933	-1.846	-1.650	-1.378	-1.100	-0.904	-0.864	-1.010	-1.321
6261	62.60	-1.730	-2.155	-2.527	-2.813	-3.011	-3.139	-3.205	-3.195	-3.069	-2.788
6271	62.70	-2.343	-1.775	-1.177	-0.673	-0.369	-0.318	-0.492	-0.795	-1.095	-1.276
6281	62.80	-1.276	-1.105	-0.829	-0.536	-0.296	-0.138	-0.045	0.023	0.102	0.197
6291	62.90	0.285	0.322	0.273	0.127	-0.093	-0.341	-0.571	-0.753	-0.888	-0.997
6301	63.00	-1.106	-1.232	-1.375	-1.518	-1.645	-1.749	-1.840	-1.937	-2.054	-2.188
6311	63.10	-2.311	-2.383	-2.365	-2.238	-2.015	-1.733	-1.443	-1.185	-0.978	-0.813
6321	63.20	-0.665	-0.503	-0.309	-0.083	0.162	0.406	0.626	0.818	0.981	1.117
6331	63.30	1.231	1.323	1.393	1.441	1.473	1.497	1.524	1.563	1.624	1.711
6341	63.40	1.832	1.989	2.186	2.414	2.660	2.898	3.106	3.268	3.385	3.474
6351	63.50	3.561	3.668	3.798	3.929	4.020	4.030	3.930	3.723	3.441	3.137
6361	63.60	2.862	2.648	2.499	2.392	2.296	2.172	2.010	1.809	1.583	1.365
6371	63.70	1.106	0.869	0.637	0.412	0.205	0.030	-0.101	-0.186	-0.236	-0.274
6381	63.80	-0.321	-0.393	-0.491	-0.604	-0.711	-0.797	-0.855	-0.890	-0.915	-0.946
6391	63.90	-0.993	-1.059	-1.138	-1.222	-1.301	-1.373	-1.437	-1.495	-1.551	-1.606
6401	64.00	-1.658	-1.705	-1.742	-1.762	-1.761	-1.730	-1.667	-1.566	-1.428	-1.253
6411	64.10	-1.017	-0.818	-0.568	-0.315	-0.070	0.156	0.352	0.514	0.642	0.739
6421	64.20	0.807	0.841	0.826	0.744	0.580	0.334	0.034	-0.288	-0.503	-0.611
6431	64.30	-0.562	-0.369	-0.095	0.168	0.324	0.310	0.110	-0.232	-0.636	-1.006
6441	64.40	-1.266	-1.375	-1.338	-1.192	-0.992	-0.783	-0.592	-0.425	-0.273	-0.126
6451	64.50	0.012	0.120	0.164	0.108	-0.066	-0.350	-0.698	-1.044	-1.314	-1.456
6461	64.60	-1.449	-1.327	-1.152	-0.995	-0.905	-0.893	-0.922	-0.929	-0.855	-0.679
6471	64.70	-0.429	-0.174	-0.003	0.019	-0.123	-0.392	-0.712	-1.007	-1.229	-1.377
6481	64.80	-1.481	-1.579	-1.686	-1.772	-1.787	-1.676	-1.412	-1.035	-0.625	-0.280
6491	64.90	-0.071	-0.007	-0.029	-0.038	0.058	0.302	0.663	1.050	1.349	1.477

Table 7-29-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1971 1302-GR-1-28 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -12.654 (GAL) T= 16.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-5.526	-3.895	-1.551	0.749	2.327	2.826	2.302	1.158	-0.083	-0.997
11	0.10	-1.406	-1.390	-1.169	-0.946	-0.792	-0.628	-0.310	0.248	0.982	1.672
21	0.20	2.035	1.860	1.121	0.003	-1.161	-2.034	-2.404	-2.269	-1.811	-1.307
31	0.30	-0.996	-0.991	-1.250	-1.626	-1.953	-2.136	-2.182	-2.186	-2.261	-2.472
41	0.40	-2.790	-3.098	-3.240	-3.090	-2.612	-1.884	-1.072	-0.384	0.002	-0.005
51	0.50	-0.388	-1.023	-1.726	-2.294	-2.578	-2.499	-2.072	-1.392	-0.595	0.175
61	0.60	0.804	1.232	1.453	1.507	1.452	1.362	1.209	1.055	0.854	0.568
71	0.70	0.168	-0.345	-0.931	-1.509	-1.973	-2.220	-2.188	-1.875	-1.353	-0.743
81	0.80	-0.183	0.324	0.445	0.522	0.549	0.621	0.785	1.008	1.192	1.211
91	0.90	0.982	0.512	-0.085	-0.626	-0.921	-0.859	-0.453	0.158	0.759	1.141
101	1.00	1.178	0.869	0.330	-0.262	-0.740	-1.011	-1.079	-1.025	-0.957	-0.959
111	1.10	-1.049	-1.184	-1.282	-1.266	-1.097	-0.790	-0.407	-0.026	0.287	0.491
121	1.20	0.580	0.567	0.474	0.318	0.111	-0.138	-0.414	-0.693	-0.946	-1.144
131	1.30	-1.264	-1.296	-1.237	-1.091	-0.864	-0.566	-0.205	0.190	0.598	0.986
141	1.40	1.340	1.652	1.925	2.105	2.265	2.501	2.530	2.410	2.120	1.678
151	1.50	1.153	0.647	0.269	0.103	0.183	0.486	0.916	1.479	2.011	2.491
161	1.60	2.896	3.216	3.441	3.557	3.563	3.385	3.081	2.650	2.126	1.555
171	1.70	0.986	0.473	0.074	-0.156	-0.175	0.027	0.402	0.839	1.181	1.269
181	1.80	0.993	0.348	-0.559	-1.525	-2.323	-2.768	-2.778	-2.389	-1.723	-0.934
191	1.90	-0.145	0.584	1.247	1.884	2.436	2.916	3.231	3.288	3.041	2.508
201	2.00	1.766	0.931	0.116	-0.599	-1.177	-1.612	-1.910	-2.068	-2.080	-1.942
211	2.10	-1.671	-1.309	-0.913	-0.540	-0.229	0.006	0.155	0.209	0.142	-0.075
221	2.20	-0.448	-0.941	-1.466	-1.907	-2.161	-2.185	-2.016	-1.753	-1.504	-1.325
231	2.30	-1.186	-0.988	-0.623	-0.055	0.633	1.245	1.550	1.390	0.771	-0.109
241	2.40	-0.922	-1.338	-1.155	-0.386	0.745	1.900	2.755	3.123	3.001	2.533
251	2.50	1.926	1.351	0.889	0.538	0.263	0.055	-0.045	0.022	0.281	0.661
261	2.60	0.996	1.075	0.746	0.005	-0.963	-1.839	-2.279	-2.060	-1.177	0.149
271	2.70	1.546	2.440	3.183	3.134	2.445	1.923	1.358	0.936	0.704	0.557
281	2.80	0.365	0.048	-0.390	-0.873	-1.301	-1.608	-1.789	-1.894	-1.993	-2.134
291	2.90	-2.313	-2.479	-2.557	-2.484	-2.232	-1.812	-1.264	-0.638	0.014	0.642
301	3.00	1.190	1.597	1.803	1.776	1.527	1.125	0.672	0.275	0.001	-0.150
311	3.10	-0.238	-0.352	-0.559	-0.868	-1.212	-1.474	-1.540	-1.363	-0.901	-0.307
321	3.20	0.298	0.771	1.017	0.995	0.722	0.250	-0.348	-0.995	-1.603	-2.087
331	3.30	-2.363	-2.374	-2.107	-1.604	-0.958	-0.277	0.340	0.841	1.219	1.497
341	3.40	1.701	1.829	1.853	1.734	1.450	1.020	0.507	-0.010	-0.470	-0.853
351	3.50	-1.185	-1.515	-1.873	-2.252	-2.601	-2.856	-2.972	-2.948	-2.817	-2.616
361	3.60	-2.347	-1.961	-1.395	-0.624	0.269	1.070	1.485	1.244	0.228	-1.444
371	3.70	-3.419	-5.216	-6.393	-6.710	-6.217	-5.217	-4.135	-3.365	-3.025	-3.121
381	3.80	-3.406	-3.606	-3.540	-3.179	-2.636	-2.081	-1.647	-1.372	-1.199	-1.035
391	3.90	-0.810	-0.519	-0.212	0.052	0.253	0.418	0.596	0.803	0.987	1.040
401	4.00	0.857	0.421	-0.144	-0.585	-0.613	-0.033	1.144	2.683	4.191	5.278
411	4.10	5.709	5.499	4.889	4.223	3.782	3.655	3.708	3.670	3.272	2.397
421	4.20	1.145	-0.204	-1.308	-1.896	-1.874	-1.324	-0.451	0.528	1.460	2.279
431	4.30	2.978	3.543	3.916	4.006	3.733	3.106	2.258	1.424	0.860	0.743
441	4.40	1.088	1.761	2.436	2.906	2.986	2.868	2.085	1.433	0.878	0.494
451	4.50	0.248	0.052	-0.174	-0.442	-0.694	-0.830	-0.772	-0.511	-0.115	0.298
461	4.60	0.626	0.830	0.953	1.090	1.327	1.686	2.096	2.513	2.483	2.213
471	4.70	1.625	0.861	0.135	-0.342	-0.435	-0.137	0.440	1.111	1.682	2.018
481	4.80	2.073	1.886	1.550	1.165	0.802	0.492	0.238	0.037	-0.091	-0.103
491	4.90	0.058	0.425	0.977	1.625	2.224	2.616	2.683	2.399	1.845	1.188

Table 7-29-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1971 1302-GR-1-28 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -12.654 (GAL) T= 16.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.629	0.328	0.355	0.667	1.125	1.552	1.795	1.767	1.469	0.973
511	5.10	0.387	-0.014	-0.614	-0.875	-0.916	-0.740	-0.390	0.041	0.416	0.585
521	5.20	0.427	-0.098	-0.951	-1.927	-2.914	-3.769	-4.455	-5.038	-5.624	-6.275
531	5.30	-6.928	-7.386	-7.368	-6.628	-5.069	-2.821	-0.211	2.332	4.424	5.832
541	5.40	6.522	6.610	6.258	5.567	4.631	3.369	1.795	-0.009	-1.866	-3.549
551	5.50	-4.879	-5.792	-6.361	-6.725	-6.994	-7.158	-7.079	-6.565	-5.494	-3.924
561	5.60	-2.119	-0.461	0.697	1.182	1.067	0.621	0.164	-0.090	-0.120	-0.084
571	5.70	-0.190	-0.558	-1.129	-1.695	-2.014	-1.953	-1.575	-1.097	-0.758	-0.651
581	5.80	-0.443	-0.419	0.342	1.761	3.626	5.431	6.571	6.616	5.519	3.657
591	5.90	1.671	0.177	-0.503	-0.462	-0.123	0.014	-0.356	-1.180	-2.099	-2.654
601	6.00	-2.565	-1.909	-1.102	-0.687	-1.039	-2.141	-3.560	-4.633	-4.798	-3.878
611	6.10	-2.200	-0.458	0.592	0.481	-0.763	-2.631	-4.369	-5.306	-5.124	-3.949
621	6.20	-2.226	-0.480	0.933	1.941	2.708	3.465	4.330	5.218	5.894	6.124
631	6.30	5.829	5.150	4.382	3.799	3.493	3.295	2.861	1.862	0.190	-1.930
641	6.40	-4.005	-5.483	-5.993	-5.540	-4.460	-3.280	-2.438	-2.075	-1.984	-1.752
651	6.50	-1.009	0.248	2.025	3.526	4.319	4.682	4.732	4.756	4.579	4.017
661	6.60	-0.006	0.301	0.467	0.211	-0.398	-0.940	-0.867	-0.582	-0.124	-0.316
671	6.70	6.113	6.544	5.371	2.909	-0.017	-2.416	-3.559	-3.261	-1.919	-0.279
681	6.80	0.944	1.390	1.173	0.752	0.637	1.081	1.943	2.764	3.022	3.414
691	6.90	1.013	-0.774	-2.423	-3.557	-4.107	-4.295	-4.449	-4.769	-5.182	-5.372
701	7.00	-4.979	-3.844	-2.177	-0.485	0.633	0.614	0.150	-0.809	-1.288	-0.658
711	7.10	1.234	6.603	8.244	8.247	6.579	3.791	0.744	-1.870	-3.048	-3.448
721	7.20	-3.396	-3.114	-2.704	-2.496	-2.507	-2.485	-2.106	-1.203	0.112	1.474
731	7.30	2.448	2.721	2.267	1.335	0.328	-0.395	-0.639	-0.437	0.040	0.402
741	7.40	1.134	1.612	2.036	2.349	2.397	1.976	0.967	-0.551	-2.245	-3.619
751	7.50	-4.206	-3.778	-2.479	-0.792	0.655	1.348	1.112	0.175	-0.954	-1.730
761	7.60	-1.828	-1.279	-0.432	0.241	0.392	-0.024	-0.737	-1.300	-1.318	-0.646
771	7.70	0.546	1.855	2.838	3.212	2.954	2.278	1.493	0.844	0.400	0.059
781	7.80	-0.350	-0.936	-1.658	-2.325	-2.700	-2.616	-2.082	-1.275	-0.461	0.139
791	7.90	0.453	0.588	0.763	1.187	1.947	2.953	3.981	4.766	5.118	4.991
801	8.00	4.471	3.715	2.857	1.944	0.939	-0.224	-1.560	-2.969	-4.232	-5.067
811	8.10	-5.221	-4.567	-3.151	-1.177	1.057	3.251	5.176	6.700	7.774	8.305
821	8.20	8.501	8.057	6.979	5.261	2.929	0.277	-2.350	-4.534	-5.916	-6.306
831	8.30	-5.749	-4.521	-3.042	-1.751	-0.969	-0.819	-1.200	-1.853	-2.451	-2.712
841	8.40	-2.471	-1.706	-0.522	0.889	2.301	3.488	4.259	4.492	4.154	3.326
851	8.50	2.196	0.910	-0.417	-0.635	-0.931	-0.997	-1.030	-1.196	-1.494	-1.621
861	8.60	-1.925	-1.580	-0.700	0.583	1.950	3.010	3.446	3.225	2.646	1.831
871	8.70	0.682	-0.237	-0.763	-1.268	-1.929	-2.780	-3.659	-4.258	-4.279	-3.596
881	8.80	-2.348	-0.903	0.299	0.950	1.013	0.738	0.532	0.752	1.515	2.437
891	8.90	3.655	4.121	3.713	2.422	0.550	-1.417	-2.991	-3.853	-3.929	-3.373
901	9.00	-2.449	-1.522	-0.779	-0.603	-0.473	-0.992	-1.905	-3.039	-4.166	-4.931
911	9.10	-5.181	-4.647	-3.625	-2.339	-1.245	-0.235	-0.991	-1.928	-3.201	-4.380
921	9.20	-5.091	-5.169	-4.698	-3.925	-3.166	-2.552	-2.160	-1.639	-1.390	-0.642
931	9.30	0.382	1.659	3.019	4.318	5.471	6.449	7.244	7.811	8.042	7.787
941	9.40	4.913	5.378	5.284	4.866	4.150	3.440	2.958	2.990	3.165	3.823
951	9.50	-5.185	-4.460	-3.832	-3.404	-3.178	-3.064	-2.909	-2.557	-1.921	-1.037
961	9.60	-0.079	0.691	1.015	0.748	-0.064	-1.181	-2.248	-2.922	-3.000	-2.490
971	9.70	-1.590	-0.592	0.254	0.830	1.185	1.469	1.832	2.325	2.855	3.226
981	9.80	3.230	2.741	1.782	0.513	-0.826	-1.991	-2.804	-3.160	-3.023	-2.391
991	9.90	-1.292	0.200	1.942	3.705	5.214	6.221	6.588	6.346	5.680	4.857

Table 7-29-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1971 1302-GR-1-28 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -12.654 (GAL) T= 16.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	4.110	3.541	3.098	2.626	1.971	1.085	0.063	-0.899	-1.613	-2.009
1011	10.10	-2.187	-2.377	-2.626	-3.659	-4.807	-6.017	-6.966	-7.410	-7.288	-6.734
1021	10.20	-5.993	-5.269	-4.607	-3.870	-2.818	-1.273	0.738	2.919	4.789	5.866
1031	10.30	5.872	4.884	3.321	1.802	0.906	0.949	1.876	3.300	4.675	5.520
1041	10.40	5.601	4.992	4.014	3.071	2.479	2.349	2.571	2.890	3.033	2.814
1051	10.50	2.205	1.315	0.354	-0.652	-0.904	-0.859	-0.238	0.971	2.674	4.748
1061	10.60	6.033	8.563	9.545	9.493	8.332	6.257	3.698	1.200	-0.746	-1.867
1071	10.70	-2.183	-1.986	-1.710	-1.748	-2.302	-3.316	-4.513	-5.531	-6.030	-6.061
1081	10.80	-5.589	-4.925	-4.348	-4.029	-3.923	-3.865	-3.578	-2.837	-1.560	0.149
1091	10.90	2.037	3.766	5.120	5.882	6.064	5.794	5.273	4.716	4.286	4.058
1101	11.00	4.008	4.031	3.972	3.678	3.048	2.071	0.836	-0.488	-1.708	-2.667
1111	11.10	-3.298	-3.636	-3.790	-3.881	-3.978	-4.059	-4.022	-3.750	-3.187	-2.403
1121	11.20	-1.597	-1.039	-0.960	-1.435	-2.314	-3.216	-3.768	-3.484	-2.721	-0.121
1131	11.30	2.375	4.655	6.161	6.494	5.739	4.260	2.663	1.547	1.274	1.832
1141	11.40	2.838	3.701	3.873	3.089	1.493	-0.400	-1.911	-2.476	-1.886	-0.395
1151	11.50	1.394	2.760	3.167	2.484	1.031	-0.566	-1.651	-1.814	-1.059	0.207
1161	11.60	1.367	1.849	1.362	-0.010	-1.874	-3.706	-5.074	-5.779	-5.890	-5.655
1171	11.70	-5.359	-5.190	-5.185	-5.253	-5.261	-5.119	-4.827	-4.473	-4.172	-4.005
1181	11.80	-3.981	-4.035	-4.063	-3.969	-3.700	-3.260	-2.705	-2.124	-1.617	-1.289
1191	11.90	-1.232	-1.507	-2.133	-3.058	-4.163	-5.278	-6.220	-6.844	-7.083	-6.966
1201	12.00	-6.598	-6.127	-5.682	-5.337	-5.086	-4.846	-4.487	-3.867	-2.884	-1.504
1211	12.10	0.208	2.095	3.933	5.479	6.543	7.030	6.976	6.523	5.864	5.170
1221	12.20	4.529	3.929	3.289	2.528	1.637	0.717	-0.040	-0.620	-0.273	0.416
1231	12.30	1.516	2.793	3.989	4.909	5.466	5.679	5.626	5.393	5.032	4.565
1241	12.40	4.004	3.387	2.793	2.327	2.084	2.110	2.385	2.837	3.375	3.934
1251	12.50	4.484	5.054	5.569	6.075	6.476	6.677	6.605	6.239	5.632	4.883
1261	12.60	4.096	3.327	2.562	1.723	0.713	-0.526	-1.978	-3.535	-5.025	-6.253
1271	12.70	-7.051	-7.317	-7.026	-6.236	-5.078	-3.738	-2.434	-1.384	-0.759	-0.661
1281	12.80	-0.985	-1.625	-2.313	-2.790	-2.877	-2.528	-1.857	-1.098	-0.522	-0.350
1291	12.90	-0.679	-1.445	-2.448	-3.412	-4.060	-4.191	-3.729	-2.742	-1.417	-0.016
1301	13.00	1.191	1.992	2.291	2.124	1.648	1.086	0.657	0.506	0.670	1.082
1311	13.10	1.612	2.138	2.534	2.806	2.955	3.001	2.946	2.768	2.453	2.028
1321	13.20	1.588	1.275	1.220	1.476	1.966	2.484	2.767	2.596	1.904	0.813
1331	13.30	-0.390	-1.364	-1.833	-1.692	-1.028	-0.076	0.888	1.647	2.102	2.276
1341	13.40	2.252	2.113	1.892	1.562	1.075	0.396	-0.465	-1.466	-2.550	-3.677
1351	13.50	-4.824	-5.965	-7.040	-7.931	-8.483	-8.557	-8.093	-7.155	-5.917	-4.603
1361	13.60	-3.397	-2.371	-1.478	-0.603	0.338	1.314	2.156	2.614	2.474	1.678
1371	13.70	0.387	-1.053	-2.227	-2.804	-2.655	-1.879	-0.740	0.460	1.504	2.325
1381	13.80	2.985	3.599	4.245	4.912	5.520	5.979	6.258	6.410	6.537	6.723
1391	13.90	6.962	7.140	7.094	6.697	5.952	5.011	4.114	3.474	3.157	3.037
1401	14.00	2.853	2.350	1.431	0.242	-0.868	-1.496	-1.387	-0.576	0.600	1.632
1411	14.10	2.070	1.729	0.789	-0.283	-0.942	-0.811	0.139	1.574	2.943	3.716
1421	14.20	3.600	2.638	1.159	-0.395	-1.673	-2.545	-3.111	-3.602	-4.229	-5.071
1431	14.30	-6.051	-7.000	-7.769	-8.311	-8.697	-9.048	-9.447	-9.866	-10.174	-10.210
1441	14.40	-9.883	-9.262	-8.453	-7.754	-7.239	-6.874	-6.448	-5.693	-4.435	-2.712
1451	14.50	-0.795	0.903	2.012	2.371	2.112	1.605	1.289	1.472	2.191	3.195
1461	14.60	4.074	4.453	4.180	3.394	2.460	1.804	1.710	2.193	2.998	3.716
1471	14.70	3.970	3.575	2.609	1.366	0.224	-0.515	-0.728	-0.493	-0.025	0.435
1481	14.80	0.715	0.750	0.568	0.226	-0.240	-0.842	-1.608	-2.537	-3.551	-4.490
1491	14.90	-5.152	-5.370	-5.081	-4.358	-3.384	-2.383	-1.530	-0.889	-0.403	0.068

Table 7-29-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1971 1302-GR-1-28 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -12.654 (GAL) T= 16.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	0.662	1.451	2.405	3.408	4.318	5.024	5.504	5.805	6.020	6.226
1511	15.10	6.444	6.629	6.699	6.580	6.247	5.730	5.092	4.387	3.621	2.741
1521	15.20	1.661	0.311	-1.315	-3.129	-4.962	-6.605	-7.871	-8.633	-8.863	-8.620
1531	15.30	-8.024	-7.213	-6.306	-5.374	-4.430	-3.437	-2.332	-1.073	0.322	1.745
1541	15.40	3.006	3.876	4.194	3.937	3.287	2.595	2.280	2.659	3.804	5.473
1551	15.50	7.178	8.364	8.635	7.925	6.542	5.034	3.957	3.630	3.995	4.655
1561	15.60	5.089	4.811	3.777	2.227	0.666	-0.408	-0.715	-0.334	0.386	1.002
1571	15.70	1.201	0.938	0.422	-0.032	-0.195	-0.055	0.219	-0.129	-0.129	-0.828
1581	15.80	-1.608	-2.101	-2.043	-1.429	-0.560	0.177	0.323	-0.266	-1.438	-2.807
1591	15.90	-3.944	-4.571	-4.677	-4.481	-4.280	-4.269	-4.426	-4.532	-4.308	-3.585
1601	16.00	-2.435	-1.156	-0.146	0.292	0.107	-0.462	-0.989	-1.057	-0.443	0.770
1611	16.10	2.235	3.484	4.116	3.953	3.080	1.784	0.422	-0.715	-1.485	-1.891
1621	16.20	-2.031	-2.012	-1.902	-1.709	-1.414	-1.009	-0.525	-0.031	0.397	0.711
1631	16.30	0.917	1.077	1.282	1.623	2.156	2.888	3.775	4.731	5.642	6.378
1641	16.40	6.812	6.836	6.401	5.539	4.388	3.175	2.171	1.610	1.603	2.084
1651	16.50	2.811	3.635	3.630	3.215	2.245	1.009	-0.066	-0.571	-0.283	0.745
1661	16.60	2.192	3.596	4.530	4.768	4.354	3.563	2.748	2.166	1.858	1.630
1671	16.70	1.154	0.135	-1.543	-3.748	-6.151	-8.364	-10.091	-11.226	-11.856	-12.178
1681	16.80	-12.378	-12.544	-12.654	-12.625	-12.404	-12.015	-11.551	-11.108	-10.693	-10.206
1691	16.90	-9.458	-8.289	-6.678	-4.812	-3.040	-1.744	-1.175	-1.335	-1.961	-2.642
1701	17.00	-2.988	-2.791	-2.098	-1.160	-0.298	0.249	0.414	0.293	0.060	-0.147
1711	17.10	-0.295	-0.447	-0.691	-1.049	-1.435	-1.683	-1.634	-1.228	-0.548	0.215
1721	17.20	0.863	1.298	1.568	1.838	2.287	2.985	3.837	4.605	5.028	4.952
1731	17.30	4.423	3.681	3.051	2.797	2.998	3.517	4.068	4.356	4.204	3.629
1741	17.40	2.808	1.983	1.350	0.980	0.815	0.736	0.637	0.488	0.342	0.289
1751	17.50	0.403	0.698	1.130	1.630	2.151	2.687	3.259	3.877	4.502	5.030
1761	17.60	5.327	5.273	4.824	4.028	3.005	1.897	0.819	-0.169	-1.046	-1.791
1771	17.70	-2.349	-2.619	-2.698	-2.498	-2.035	-0.989	0.152	1.249	2.163	2.846
1781	17.80	-1.136	-0.272	-0.506	-1.044	-1.304	-1.365	-1.363	-1.421	-1.598	-1.881
1791	17.90	-2.207	-2.503	-2.725	-2.856	-2.912	-2.894	-2.777	-2.502	-1.997	-1.213
1801	18.00	-0.158	1.092	2.397	3.568	4.506	5.031	5.133	4.853	4.307	3.652
1811	18.10	3.079	2.726	2.597	3.013	3.610	4.347	5.045	5.525	5.664	5.429
1821	18.20	4.897	4.230	3.639	3.315	3.376	3.831	4.580	5.437	6.191	6.658
1831	18.30	6.721	6.360	5.613	4.574	3.357	2.053	0.795	-0.896	-1.614	-2.553
1841	18.40	-3.225	-3.758	-4.010	-4.092	-4.055	-4.966	-3.776	-3.513	-3.103	-2.497
1851	18.50	-1.689	-0.734	0.255	1.139	1.802	2.188	2.322	2.291	2.205	2.148
1861	18.60	2.135	2.106	1.943	1.519	0.746	-0.386	-1.797	-3.330	-4.796	-6.016
1871	18.70	-6.867	-7.309	-7.392	-7.230	-6.971	-6.749	-6.646	-6.667	-6.748	-6.779
1881	18.80	-6.653	-6.316	-5.777	-5.136	-4.528	-4.082	-3.878	-3.913	-4.110	-4.345
1891	18.90	-4.495	-4.474	-4.248	-3.832	-3.263	-2.581	-1.816	-0.993	-0.165	0.677
1901	19.00	1.412	2.006	2.429	2.702	2.877	3.010	3.129	3.209	3.180	2.962
1911	19.10	2.522	1.908	1.262	0.781	0.638	0.916	1.557	2.376	3.126	3.585
1921	19.20	3.639	3.318	2.769	2.183	1.709	1.390	1.154	0.863	0.384	-0.355
1931	19.30	-1.229	-2.142	-2.881	-3.293	-3.319	-3.005	-2.478	-1.892	-1.378	-1.012
1941	19.40	-0.821	-0.794	-0.907	-1.124	-1.403	-1.681	-1.793	-1.687	-1.260	-0.502
1951	19.50	0.499	1.578	2.543	3.245	3.635	3.775	3.801	3.855	4.003	4.199
1961	19.60	4.297	4.115	3.527	2.528	1.241	-0.107	-1.293	-2.178	-2.742	-3.097
1971	19.70	-3.103	-3.788	-4.281	-4.610	-5.223	-5.378	-5.206	-4.742	-4.113	-3.477
1981	19.80	-2.951	-2.573	-2.294	-2.017	-1.660	-1.191	-0.652	-0.125	0.305	0.602
1991	19.90	0.788	0.952	1.112	1.372	1.700	2.036	2.302	2.442	2.449	2.368

Table 7-29-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1971 1302-GR-1-28 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -12.654 (GAL) T= 16.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	2.273	2.230	2.270	2.372	2.478	2.516	2.429	2.198	1.843	1.413
2011	20.10	0.967	0.560	0.231	0.006	-0.104	-0.096	0.025	0.240	0.520	0.826
2021	20.20	1.121	1.380	1.600	1.799	2.008	2.256	2.554	2.889	3.220	3.495
2031	20.30	3.663	3.691	3.576	3.336	3.008	2.632	2.243	1.864	1.510	1.183
2041	20.40	0.884	0.607	0.342	0.072	-0.223	-0.562	-0.951	-1.379	-1.813	-2.203
2051	20.50	-2.493	-2.639	-2.615	-2.431	-2.124	-1.750	-1.372	-1.066	-0.796	-0.635
2061	20.60	-0.548	-0.510	-0.497	-0.501	-0.531	-0.619	-0.803	-1.116	-1.563	-2.114
2071	20.70	-2.695	-3.205	-3.535	-3.601	-3.360	-2.829	-2.073	-1.191	-0.286	0.550
2081	20.80	1.256	1.801	2.180	2.407	2.511	2.540	2.548	2.594	2.716	2.917
2091	20.90	3.151	3.327	3.346	3.137	2.703	2.133	1.586	1.237	1.207	1.511
2101	21.00	2.037	2.578	2.903	2.834	2.309	1.394	0.248	-0.941	-2.030	-2.957
2111	21.10	-3.739	-4.437	-5.096	-5.713	-6.220	-6.519	-6.524	-6.203	-5.599	-4.814
2121	21.20	-3.967	-3.158	-2.432	-1.780	-1.164	-0.553	0.045	0.574	0.940	1.048
2131	21.30	0.839	0.317	-0.444	-1.313	-2.143	-2.805	-3.225	-3.402	-3.394	-3.297
2141	21.40	-3.201	-3.155	-3.151	-3.125	-2.986	-2.665	-2.143	-1.477	-0.776	-0.167
2151	21.50	0.261	0.494	0.609	0.738	1.025	1.560	2.341	3.277	4.217	5.009
2161	21.60	5.553	5.826	5.880	5.805	5.683	5.564	5.468	5.310	5.125	4.892
2171	21.70	4.635	4.387	4.172	3.970	3.768	3.496	3.139	2.727	2.337	2.071
2181	21.80	2.014	2.190	2.541	2.938	3.221	3.255	2.970	2.388	1.604	0.753
2191	21.90	-0.039	-0.690	-1.176	-1.518	-1.766	-1.963	-2.133	-2.282	-2.400	-2.480
2201	22.00	-2.518	-2.520	-2.492	-2.436	-2.346	-2.215	-2.047	-1.854	-1.663	-1.500
2211	22.10	-1.380	-1.295	-1.218	-1.116	-0.970	-0.787	-0.610	-0.499	-0.508	-0.660
2221	22.20	-0.933	-1.265	-1.580	-1.818	-1.959	-2.031	-2.093	-2.203	-2.386	-2.618
2231	22.30	-2.830	-2.933	-2.857	-2.570	-2.119	-1.554	-0.944	-0.414	0.066	0.481
2241	22.40	0.853	1.200	1.524	1.800	1.991	2.054	2.005	1.821	1.543	1.209
2251	22.50	0.865	0.546	0.301	0.166	0.178	0.356	0.690	1.132	1.605	2.018
2261	22.60	2.298	2.411	2.375	2.243	2.076	1.909	1.734	1.502	1.155	0.664
2271	22.70	0.061	-0.557	-1.060	-1.333	-1.330	-1.098	-0.767	-0.492	-0.389	-0.482
2281	22.80	-0.684	-0.830	-0.748	-0.337	0.384	1.267	2.091	2.630	2.740	2.397
2291	22.90	1.701	0.822	-0.067	-0.849	-1.497	-2.059	-2.618	-3.234	-3.915	-4.602
2301	23.00	-5.196	-5.596	-5.739	-5.624	-5.303	-4.859	-4.378	-3.914	-3.485	-3.070
2311	23.10	-2.634	-2.142	-1.578	-0.948	-0.285	0.370	0.969	1.473	1.851	2.087
2321	23.20	2.177	2.127	1.951	1.676	1.323	0.937	0.556	0.218	-0.048	-0.228
2331	23.30	-0.333	-0.394	-0.448	-0.531	-0.658	-0.817	-0.979	-1.106	-1.180	-1.209
2341	23.40	-1.229	-1.287	-1.413	-1.599	-1.789	-1.896	-1.834	-1.555	-1.072	-0.457
2351	23.50	0.188	0.760	1.207	1.526	1.743	1.903	2.014	2.041	1.922	1.605
2361	23.60	1.084	0.487	-0.226	-0.723	-0.930	-0.790	-0.342	0.298	0.978	1.565
2371	23.70	1.976	2.193	2.251	2.203	2.100	1.970	1.822	1.658	1.479	1.288
2381	23.80	1.092	0.889	0.669	0.422	0.143	-0.152	-0.432	-0.661	-0.808	-0.865
2391	23.90	-0.845	-0.773	-0.668	-0.528	-0.334	-0.063	0.285	0.670	1.012	1.207
2401	24.00	1.168	0.861	0.321	-0.356	-1.037	-1.612	-2.013	-2.237	-2.332	-2.363
2411	24.10	-2.379	-2.392	-2.375	-2.282	-2.074	-1.740	-1.294	-0.772	-0.202	0.410
2421	24.20	1.085	1.857	2.754	3.769	4.848	5.891	6.778	7.401	7.690	7.641
2431	24.30	7.311	6.804	6.240	5.717	5.294	4.971	4.705	4.428	4.075	3.613
2441	24.40	3.048	2.427	1.826	1.325	0.990	0.861	0.942	1.202	1.579	1.985
2451	24.50	2.321	2.482	2.389	2.007	1.362	0.552	-0.277	-0.961	-1.321	-1.451
2461	24.60	-1.246	-0.883	-0.536	-0.367	-0.479	-0.882	-1.505	-2.228	-2.928	-3.522
2471	24.70	-3.976	-4.315	-4.571	-4.780	-4.951	-5.071	-5.116	-5.074	-4.949	-4.767
2481	24.80	-4.557	-4.337	-4.111	-3.867	-3.592	-3.261	-2.950	-2.624	-2.326	-2.063
2491	24.90	-1.823	-1.584	-1.333	-1.084	-0.879	-0.777	-0.822	-1.011	-1.278	-1.499

Table 7-29-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1971 1302-GR-1-28 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -12.654 (GAL) T= 16.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-1.531	-1.260	-0.648	0.246	1.276	2.256	3.016	3.448	3.532	3.327
2511	25.10	2.936	2.465	1.990	1.544	1.131	0.740	0.373	0.041	-0.234	-0.440
2521	25.20	-0.588	-0.707	-0.840	-1.018	-1.245	-1.500	-1.742	-1.937	-2.069	-2.151
2531	25.30	-2.215	-2.290	-2.388	-2.492	-2.565	-2.569	-2.488	-2.334	-2.143	-1.959
2541	25.40	-1.806	-1.678	-1.545	-1.365	-1.114	-0.793	-0.436	-0.091	0.204	0.442
2551	25.50	0.645	0.859	1.129	1.403	1.916	2.406	2.916	3.417	3.886	4.308
2561	25.60	4.662	4.920	5.055	5.044	4.901	4.666	4.399	4.160	3.975	3.825
2571	25.70	3.648	3.363	2.907	2.262	1.461	0.576	-0.316	-1.159	-1.939	-2.673
2581	25.80	-3.389	-4.098	-4.783	-5.398	-5.890	-6.222	-6.388	-6.405	-6.307	-6.117
2591	25.90	-5.840	-5.465	-4.981	-4.394	-3.736	-3.061	-2.433	-1.900	-1.488	-1.200
2601	26.00	-1.029	-0.949	-1.022	-1.197	-1.489	-1.867	-2.271	-2.620	-2.835	-2.862
2611	26.10	-2.694	-2.398	-1.938	-1.403	-1.056	-0.678	-0.353	-0.057	0.235	0.542
2621	26.20	0.849	1.203	1.512	1.751	1.875	1.846	1.656	1.338	0.963	0.627
2631	26.30	0.426	0.421	0.610	0.963	1.377	1.775	2.104	2.359	2.578	2.813
2641	26.40	3.098	3.435	3.790	4.115	4.372	4.554	4.686	4.805	4.943	5.103
2651	26.50	5.240	5.375	5.418	5.386	5.295	5.186	5.086	5.000	4.910	4.786
2661	26.60	4.604	4.366	4.085	3.796	3.515	3.239	2.959	2.577	2.139	1.622
2671	26.70	1.042	0.509	0.007	-0.418	-0.763	-1.043	-1.272	-1.458	-1.598	-1.691
2681	26.80	-1.742	-1.773	-1.809	-1.845	-1.933	-1.980	-1.955	-1.816	-1.550	-1.184
2691	26.90	-0.775	-0.392	-0.093	0.094	0.166	0.135	0.013	-0.188	-0.455	-0.754
2701	27.00	-1.024	-1.181	-1.147	-0.887	-0.441	0.080	0.515	0.716	0.597	0.179
2711	27.10	-0.425	-1.069	-1.536	-1.800	-1.846	-1.758	-1.652	-1.620	-1.692	-1.830
2721	27.20	-1.958	-1.998	-1.911	-1.714	-1.465	-1.236	-1.078	-1.001	-0.979	-0.962
2731	27.30	-0.909	-0.803	-0.659	-0.512	-0.398	-0.337	-0.325	-0.334	-0.331	-0.290
2741	27.40	-0.203	-0.086	0.037	0.132	0.182	0.191	0.183	0.190	0.240	0.339
2751	27.50	0.468	0.583	0.575	0.503	0.356	0.156	-0.071	-0.371	-0.544	-0.643
2761	27.60	-0.710	-0.809	-1.000	-1.304	-1.692	-2.091	-2.410	-2.576	-2.556	-2.372
2771	27.70	-2.085	-1.772	-1.489	-1.264	-1.087	-0.932	-0.770	-0.589	-0.393	-0.196
2781	27.80	-0.011	0.159	0.317	0.467	0.598	0.687	0.705	0.633	0.473	0.258
2791	27.90	0.037	-0.145	-0.263	-0.328	-0.377	-0.454	-0.590	-0.786	-1.016	-1.247
2801	28.00	-1.461	-1.666	-1.890	-2.175	-2.528	-2.918	-3.269	-3.483	-3.485	-3.248
2811	28.10	-2.816	-2.514	-1.949	-1.318	-0.678	-0.026	0.552	0.524	0.328	0.103
2821	28.20	0.096	0.210	0.199	0.060	-0.171	-0.442	-0.699	-0.910	-1.063	-1.158
2831	28.30	-1.195	-1.164	-1.052	-0.854	-0.584	-0.285	-0.011	0.184	0.274	0.267
2841	28.40	0.204	0.136	0.096	0.084	0.065	-0.015	-0.197	-0.486	-0.839	-1.181
2851	28.50	-1.425	-1.505	-1.397	-1.123	-0.732	-0.278	0.197	0.676	1.158	1.667
2861	28.60	2.133	2.596	3.002	3.336	3.597	3.804	3.990	4.178	4.365	4.521
2871	28.70	4.599	4.558	4.385	4.108	3.788	3.495	3.280	3.148	3.057	2.938
2881	28.80	2.726	2.515	1.973	1.547	1.206	1.017	1.038	1.238	1.507	1.766
2891	28.90	1.947	2.014	1.980	1.881	1.748	1.585	1.372	1.078	0.686	0.228
2901	29.00	-0.232	-0.592	-0.760	-0.683	-0.378	0.078	0.522	0.992	1.265	1.380
2911	29.10	1.375	1.316	1.261	1.239	1.236	1.216	1.135	0.973	0.740	0.477
2921	29.20	0.237	0.068	-0.015	-0.009	0.059	0.162	0.278	0.403	0.543	0.710
2931	29.30	0.910	1.135	1.367	1.578	1.741	1.833	1.844	1.776	1.610	1.457
2941	29.40	1.234	1.059	0.895	0.771	0.692	0.620	0.551	0.426	0.231	-0.035
2951	29.50	-0.349	-0.675	-0.972	-1.217	-1.410	-1.575	-1.753	-1.979	-2.247	-2.603
2961	29.60	-2.950	-3.262	-3.504	-3.669	-3.775	-3.860	-3.956	-4.075	-4.202	-4.297
2971	29.70	-4.317	-4.237	-4.062	-3.828	-3.587	-3.384	-3.258	-3.135	-3.037	-2.902
2981	29.80	-2.706	-2.456	-2.175	-1.903	-1.659	-1.439	-1.214	-0.956	-0.653	-0.334
2991	29.90	-0.063	0.080	0.038	-0.199	-0.580	-1.001	-1.343	-1.511	-1.464	-1.225

Table 7-29-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1971 1302-GR-1-28 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -12.654 (GAL) T= 16.83 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
3001	30.00	-0.860	-0.449	-0.054	0.302	0.628	0.946	1.264	1.562	1.769	1.887
3011	30.10	1.816	1.576	1.214	0.807	0.436	0.157	-0.019	-0.120	-0.198	-0.302
3021	30.20	-0.455	-0.650	-0.850	-1.014	-1.109	-1.131	-1.104	-1.065	-1.053	-1.092
3031	30.30	-1.183	-1.305	-1.425	-1.513	-1.547	-1.519	-1.437	-1.311	-1.152	-0.986
3041	30.40	-0.745	-0.487	-0.184	0.168	0.560	0.974	1.383	1.759	2.077	2.326
3051	30.50	2.507	2.640	2.751	2.871	3.016	3.185	3.355	3.485	3.531	3.457
3061	30.60	3.254	2.942	2.563	2.171	1.810	1.501	1.235	0.981	0.703	0.378
3071	30.70	0.015	-0.346	-0.646	-0.823	-0.840	-0.695	-0.426	-0.096	0.228	0.497
3081	30.80	0.695	0.836	0.955	1.088	1.256	1.456	1.662	1.839	1.953	1.985
3091	30.90	1.938	1.829	1.683	1.527	1.376	1.235	1.100	0.963	0.815	0.648
3101	31.00	0.463	0.261	0.047	-0.178	-0.412	-0.661	-0.932	-1.236	-1.580	-1.969
3111	31.10	-2.394	-2.841	-3.286	-3.702	-4.067	-4.365	-4.592	-4.750	-4.848	-4.891
3121	31.20	-4.878	-4.804	-4.659	-4.436	-4.135	-3.771	-3.365	-2.948	-2.547	-2.183
3131	31.30	-1.865	-1.591	-1.351	-1.131	-0.925	-0.733	-0.570	-0.456	-0.416	-0.468
3141	31.40	-0.614	-0.841	-1.112	-1.375	-1.568	-1.633	-1.528	-1.232	-0.758	-0.142
3151	31.50	0.558	1.227	1.957	2.553	3.044	3.429	3.725	3.953	4.135	4.290
3161	31.60	4.428	4.555	4.674	4.788	4.901	5.017	5.134	5.247	5.345	5.413
3171	31.70	5.440	5.415	5.335	5.204	5.033	4.837	4.634	4.440	4.265	4.112
3181	31.80	3.971	3.824	3.648	3.420	3.133	2.794	2.426	2.064	1.735	1.453
3191	31.90	1.211	0.982	0.734	0.439	0.092	-0.292	-0.679	-1.035	-1.337	-1.580
3201	32.00	-1.774	-1.939	-2.088	-2.223	-2.339	-2.429	-2.495	-2.554	-2.633	-2.752
3211	32.10	-2.917	-3.109	-3.292	-3.429	-3.499	-3.511	-3.498	-3.507	-3.569	-3.689
3221	32.20	-3.837	-3.965	-4.028	-4.006	-3.913	-3.786	-3.670	-3.594	-3.558	-3.537
3231	32.30	-3.495	-3.410	-3.282	-3.132	-2.991	-2.876	-2.786	-2.696	-2.572	-2.406
3241	32.40	-2.193	-1.963	-1.749	-1.570	-1.419	-1.265	-1.068	-0.803	-0.476	-0.126
3251	32.50	0.195	0.445	0.615	0.736	0.868	1.060	1.335	1.670	2.009	2.281
3261	32.60	2.438	2.473	2.426	2.360	2.337	2.389	2.507	2.647	2.754	2.787
3271	32.70	2.734	2.611	2.458	2.314	2.204	2.132	2.084	2.039	1.978	1.893
3281	32.80	1.782	1.652	1.508	1.356	1.197	1.033	0.869	0.708	0.553	0.405
3291	32.90	0.263	0.127	-0.002	-0.122	-0.226	-0.315	-0.390	-0.455	-0.516	-0.574
3301	33.00	-0.618	-0.653	-0.601	-0.512	-0.369	-0.193	-0.012	0.145	0.265	0.352
3311	33.10	0.430	0.529	0.672	0.863	1.090	1.323	1.533	1.699	1.821	1.909
3321	33.20	1.981	2.047	2.104	2.133	2.107	2.004	1.815	1.549	1.230	0.889
3331	33.30	0.550	0.229	-0.075	-0.368	-0.660	-0.956	-1.252	-1.536	-1.794	-2.015
3341	33.40	-2.193	-2.332	-2.443	-2.539	-2.637	-2.748	-2.878	-3.029	-3.197	-3.374
3351	33.50	-3.554	-3.730	-3.899	-4.059	-4.207	-4.335	-4.430	-4.475	-4.456	-4.363
3361	33.60	-4.199	-3.981	-3.734	-3.482	-3.246	-3.029	-2.825	-2.618	-2.396	-2.157
3371	33.70	-1.916	-1.697	-1.528	-1.427	-1.392	-1.403	-1.421	-1.407	-1.325	-1.159
3381	33.80	-0.907	-0.586	-0.217	0.177	0.576	0.963	1.327	1.658	1.949	2.201
3391	33.90	2.417	2.605	2.776	2.937	3.089	3.232	3.360	3.475	3.581	3.695
3401	34.00	3.765	3.903	3.991	4.028	3.983	3.837	3.597	3.298	3.000	2.766
3411	34.10	2.646	2.661	2.801	3.031	3.307	3.589	3.854	4.090	4.291	4.446
3421	34.20	4.537	4.541	4.438	4.225	3.914	3.537	3.125	2.705	2.265	1.862
3431	34.30	1.431	0.994	0.571	0.193	-0.112	-0.330	-0.474	-0.581	-0.693	-0.839
3441	34.40	-1.016	-1.187	-1.296	-1.297	-1.171	-0.946	-0.678	-0.431	-0.242	-0.100
3451	34.50	0.048	0.273	0.622	1.086	1.584	1.983	2.146	1.983	1.497	0.789
3461	34.60	0.031	-0.585	-0.916	-0.909	-0.618	-0.179	0.237	0.482	0.471	0.198
3471	34.70	-0.276	-0.855	-1.437	-1.957	-2.386	-2.725	-3.001	-3.238	-3.457	-3.664
3481	34.80	-3.859	-4.035	-4.185	-4.305	-4.394	-4.451	-4.480	-4.491	-4.498	-4.517
3491	34.90	-4.563	-4.642	-4.748	-4.863	-4.964	-5.030	-5.050	-5.026	-4.973	-4.908

Table 7-29-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1971 1302-GR-1-28 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -12.654 (GAL) T= 16.83 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
3501	35.00	-4.840	-4.769	-4.684	-4.567	-4.411	-4.221	-4.016	-3.824	-3.662	-3.526
3511	35.10	-3.377	-3.153	-2.783	-2.214	-1.435	-0.491	0.527	1.498	2.309	2.883
3521	35.20	3.202	3.305	3.273	3.198	3.156	3.184	3.283	3.423	3.561	3.672
3531	35.30	3.743	3.808	3.796	3.794	3.763	3.684	3.556	3.393	3.041	2.769
3541	35.40	2.563	2.477	2.540	2.739	3.031	3.353	3.654	3.911	4.135	4.359
3551	35.50	4.617	4.916	5.227	5.484	5.612	5.556	5.302	4.892	4.407	3.938
3561	35.60	3.551	3.261	3.035	2.806	2.506	2.097	1.587	1.026	0.480	0.003
3571	35.70	-0.383	-0.695	-0.975	-1.266	-1.595	-1.958	-2.328	-2.670	-2.960	-3.193
3581	35.80	-3.385	-3.553	-3.709	-3.850	-3.961	-4.028	-4.052	-4.052	-4.059	-4.104
3591	35.90	-4.197	-4.324	-4.447	-4.523	-4.522	-4.439	-4.293	-4.115	-3.929	-3.736
3601	36.00	-3.512	-3.223	-2.847	-2.386	-1.878	-1.381	-0.956	-0.636	-0.418	-0.265
3611	36.10	-0.123	0.054	0.282	0.550	0.818	1.048	1.216	1.322	1.389	1.446
3621	36.20	1.514	1.594	1.673	1.730	1.752	1.745	1.728	1.729	1.768	1.848
3631	36.30	1.949	2.042	2.099	2.107	2.070	2.011	1.956	1.922	1.912	1.911
3641	36.40	1.899	1.858	1.780	1.674	1.553	1.434	1.327	1.235	1.157	1.098
3651	36.50	1.074	1.107	1.220	1.422	1.699	2.012	2.302	2.511	2.595	2.537
3661	36.60	2.354	2.083	1.772	1.459	1.171	0.920	0.707	0.531	0.388	0.268
3671	36.70	0.152	0.007	-0.204	-0.506	-0.898	-1.337	-1.744	-2.029	-2.119	-1.992
3681	36.80	-1.696	-1.335	-1.044	-0.935	-1.062	-1.398	-1.849	-2.283	-2.582	-2.678
3691	36.90	-2.572	-2.326	-2.031	-1.772	-1.597	-1.510	-1.480	-1.460	-1.414	-1.326
3701	37.00	-1.200	-1.057	-0.916	-0.788	-0.672	-0.565	-0.463	-0.370	-0.293	-0.242
3711	37.10	-0.217	-0.212	-0.213	-0.204	-0.178	-0.127	-0.065	-0.003	0.052	0.097
3721	37.20	0.135	0.183	0.215	0.241	0.303	0.334	0.348	0.348	0.344	0.349
3731	37.30	0.372	0.416	0.472	0.528	0.569	0.591	0.596	0.596	0.606	0.638
3741	37.40	0.692	0.759	0.821	0.857	0.855	0.809	0.726	0.619	0.506	0.399
3751	37.50	0.306	0.224	0.147	0.066	-0.034	-0.153	-0.294	-0.451	-0.613	-0.769
3761	37.60	-0.907	-1.023	-1.123	-1.216	-1.318	-1.439	-1.581	-1.738	-1.894	-2.036
3771	37.70	-2.153	-2.259	-2.374	-2.523	-2.725	-2.981	-3.269	-3.549	-3.775	-3.913
3781	37.80	-3.947	-3.889	-3.768	-3.618	-3.462	-3.310	-3.156	-2.977	-2.762	-2.502
3791	37.90	-2.198	-1.859	-1.497	-1.121	-0.740	-0.363	-0.000	0.338	0.646	0.927
3801	38.00	1.193	1.467	1.767	2.098	2.437	2.754	3.000	3.138	3.152	3.052
3811	38.10	2.672	2.654	2.432	2.228	2.049	1.899	1.789	1.739	1.777	1.922
3821	38.20	2.176	2.516	2.900	3.281	3.625	3.918	4.167	4.384	4.571	4.713
3831	38.30	4.780	4.745	4.600	4.367	4.095	3.842	3.647	3.514	3.408	3.274
3841	38.40	3.065	2.766	2.403	2.032	1.711	1.473	1.306	1.162	0.980	0.714
3851	38.50	0.359	-0.051	-0.455	-0.802	-1.089	-1.276	-1.472	-1.709	-2.017	-2.384
3861	38.60	-2.774	-3.108	-3.363	-3.519	-3.597	-3.642	-3.698	-3.790	-3.912	-4.039
3871	38.70	-4.131	-4.158	-4.103	-3.968	-3.767	-3.509	-3.269	-3.042	-2.719	-2.498
3881	38.80	-2.321	-2.183	-2.067	-1.928	-1.750	-1.512	-1.224	-0.921	-0.643	-0.434
3891	38.90	-0.294	-0.195	-0.085	0.091	0.366	0.738	1.165	1.594	1.971	2.273
3901	39.00	2.513	2.722	2.938	3.177	3.430	3.665	3.868	3.960	4.008	4.022
3911	39.10	4.041	4.092	4.180	4.282	4.368	4.387	4.362	4.233	4.086	3.923
3921	39.20	3.774	3.648	3.511	3.446	3.350	3.245	3.122	2.972	2.789	2.568
3931	39.30	2.319	2.055	1.800	1.572	1.377	1.205	1.039	0.842	0.613	0.355
3941	39.40	0.089	-0.180	-0.379	-0.573	-0.764	-0.974	-1.210	-1.458	-1.683	-1.857
3951	39.50	-1.977	-2.078	-2.221	-2.469	-2.843	-3.299	-3.734	-4.020	-4.057	-3.828
3961	39.60	-3.412	-2.965	-2.680	-2.618	-2.859	-3.299	-3.789	-4.185	-4.413	-4.497
3971	39.70	-4.540	-4.667	-4.961	-5.415	-5.932	-6.369	-6.601	-6.572	-6.321	-5.958
3981	39.80	-5.606	-5.356	-5.226	-5.168	-5.106	-4.970	-4.746	-4.483	-4.179	-3.942
3991	39.90	-3.765	-3.619	-3.454	-3.231	-2.946	-2.635	-2.359	-2.171	-2.090	-2.093

Table 7-29-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1971 1302-GR-1-28 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -12.654 (GAL) T= 16.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-2.130	-2.145	-2.109	-2.024	-1.924	-1.846	-1.803	-1.798	-1.775	-1.693
4011	40.10	-1.520	-1.251	-0.910	-0.536	-0.164	0.187	0.510	0.809	1.080	1.308
4021	40.20	1.477	1.573	1.605	1.601	1.603	1.648	1.754	1.910	2.084	2.243
4031	40.30	2.370	2.479	2.604	2.790	3.067	3.435	3.866	4.306	4.716	5.062
4041	40.40	5.339	5.355	5.725	5.650	5.922	5.926	5.855	5.716	5.536	5.356
4051	40.50	5.201	5.094	5.026	4.923	4.911	4.823	4.711	4.591	4.482	4.398
4061	40.60	4.335	4.279	4.209	4.109	3.975	3.818	3.654	3.497	3.351	3.214
4071	40.70	3.071	2.914	2.735	2.540	2.338	2.140	1.955	1.765	1.626	1.470
4081	40.80	1.311	1.140	0.956	0.760	0.556	0.352	0.156	-0.026	-0.191	-0.344
4091	40.90	-0.492	-0.645	-0.808	-0.975	-1.135	-1.272	-1.374	-1.440	-1.481	-1.517
4101	41.00	-1.569	-1.646	-1.741	-1.835	-1.900	-1.918	-1.886	-1.818	-1.738	-1.665
4111	41.10	-1.606	-1.554	-1.492	-1.405	-1.295	-1.179	-1.082	-1.024	-1.002	-0.991
4121	41.20	-0.945	-0.827	-0.622	-0.352	-0.069	0.168	0.321	0.393	0.427	0.485
4131	41.30	0.614	0.818	1.047	1.213	1.228	1.045	0.685	0.231	-0.203	-0.522
4141	41.40	-0.690	-0.740	-0.758	-0.837	-1.030	-1.323	-1.647	-1.907	-2.038	-2.034
4151	41.50	-1.952	-1.862	-1.898	-2.018	-2.190	-2.321	-2.318	-2.165	-1.838	-1.491
4161	41.60	-1.212	-1.069	-1.057	-1.108	-1.127	-1.056	-0.905	-0.761	-0.743	-0.937
4171	41.70	-1.346	-1.873	-2.349	-2.608	-2.555	-2.208	-1.691	-1.176	-0.809	-0.650
4181	41.80	-0.655	-0.710	-0.699	-0.561	-0.327	-0.102	-0.011	-0.137	-0.480	-0.950
4191	41.90	-1.411	-1.741	-1.878	-1.846	-1.735	-1.655	-1.689	-1.858	-2.123	-2.410
4201	42.00	-2.647	-2.794	-2.854	-2.863	-2.866	-2.898	-2.966	-3.058	-3.152	-3.230
4211	42.10	-3.285	-3.316	-3.326	-3.311	-3.261	-3.168	-3.029	-2.851	-2.657	-2.468
4221	42.20	-2.303	-2.167	-2.050	-1.934	-1.805	-1.655	-1.488	-1.317	-1.154	-1.006
4231	42.30	-0.870	-0.738	-0.598	-0.444	-0.277	-0.106	0.059	0.209	0.342	0.451
4241	42.40	0.522	0.593	0.727	0.915	1.038	1.166	1.302	1.450	1.613	1.786
4251	42.50	1.961	2.124	2.262	2.365	2.436	2.487	2.536	2.601	2.693	2.808
4261	42.60	2.933	3.049	3.139	3.200	3.239	3.276	3.327	3.401	3.489	3.566
4271	42.70	3.602	3.573	3.474	3.327	3.171	3.059	3.031	3.107	3.279	3.515
4281	42.80	3.770	4.007	4.201	4.347	4.456	4.545	4.625	4.699	4.763	4.809
4291	42.90	4.832	4.837	4.836	4.843	4.865	4.894	4.914	4.896	4.818	4.669
4301	43.00	4.453	4.192	3.912	3.635	3.374	3.124	2.873	2.607	2.323	2.027
4311	43.10	1.734	1.457	1.198	0.940	0.655	0.315	-0.093	-0.549	-1.009	-1.410
4321	43.20	-1.697	-1.847	-1.881	-1.863	-1.879	-2.006	-2.283	-2.695	-3.178	-3.642
4331	43.30	-3.999	-4.159	-4.237	-4.156	-4.026	-3.917	-3.882	-3.939	-4.075	-4.256
4341	43.40	-4.441	-4.594	-4.686	-4.704	-4.647	-4.526	-4.361	-4.179	-4.009	-3.872
4351	43.50	-3.770	-3.690	-3.601	-3.467	-3.267	-2.997	-2.685	-2.371	-2.097	-1.887
4361	43.60	-1.736	-1.612	-1.472	-1.284	-1.039	-0.760	-0.489	-0.271	-0.131	-0.043
4371	43.70	-0.035	-0.004	0.043	0.096	0.317	0.447	0.528	0.536	0.470	0.346
4381	43.80	0.185	0.001	-0.204	-0.435	-0.692	-0.957	-1.192	-1.365	-1.372	-1.253
4391	43.90	-1.007	-0.688	-0.365	-0.102	0.066	0.139	0.143	0.114	0.077	0.038
4401	44.00	-0.017	-0.104	-0.225	-0.364	-0.485	-0.555	-0.555	-0.502	-0.437	-0.413
4411	44.10	-0.468	-0.607	-0.792	-0.959	-1.042	-1.001	-0.860	-0.601	-0.351	-0.151
4421	44.20	-0.039	0.016	0.028	0.052	0.127	0.262	0.443	0.639	0.818	0.968
4431	44.30	1.095	1.218	1.358	1.525	1.716	1.915	2.103	2.269	2.414	2.547
4441	44.40	2.681	2.823	2.969	3.106	3.214	3.274	3.271	3.200	3.063	2.870
4451	44.50	2.635	2.377	2.120	1.886	1.692	1.544	1.434	1.341	1.236	1.097
4461	44.60	0.918	0.711	0.502	0.321	0.187	0.100	0.042	-0.017	-0.105	-0.234
4471	44.70	-0.394	-0.562	-0.707	-0.812	-0.874	-0.912	-0.954	-1.023	-1.133	-1.273
4481	44.80	-1.420	-1.540	-1.602	-1.585	-1.485	-1.311	-1.085	-0.835	-0.591	-0.377
4491	44.90	-0.212	-0.104	-0.053	-0.051	-0.092	-0.169	-0.282	-0.430	-0.611	-0.814

Table 7-29-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1971 1302-GR-1-28 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -12.654 (GAL) T= 16.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-1.017	-1.195	-1.328	-1.412	-1.465	-1.520	-1.613	-1.767	-1.976	-2.204
4511	45.10	-2.394	-2.495	-2.478	-2.349	-2.144	-1.912	-1.695	-1.507	-1.339	-1.165
4521	45.20	-0.968	-0.753	-0.551	-0.409	-0.369	-0.442	-0.603	-0.794	-0.943	-0.988
4531	45.30	-0.901	-0.687	-0.383	-0.039	0.296	0.590	0.831	1.027	1.198	1.365
4541	45.40	1.546	1.743	1.939	2.097	2.170	2.116	1.918	1.604	1.247	0.952
4551	45.50	0.821	0.916	1.234	1.696	2.174	2.531	2.673	2.572	2.279	1.892
4561	45.60	1.520	1.236	1.044	0.926	0.910	0.819	0.673	0.475	0.251	0.030
4571	45.70	-0.165	-0.326	-0.455	-0.556	-0.634	-0.692	-0.740	-0.795	-0.875	-0.992
4581	45.80	-1.136	-1.275	-1.358	-1.336	-1.185	-0.918	-0.586	-0.260	-0.007	0.133
4591	45.90	0.156	0.084	-0.054	-0.234	-0.450	-0.700	-0.976	-1.246	-1.460	-1.584
4601	46.00	-1.523	-1.340	-1.064	-0.769	-0.525	-0.373	-0.305	-0.281	-0.248	-0.177
4611	46.10	-0.076	0.007	0.014	-0.094	-0.308	-0.570	-0.769	-0.881	-0.799	-0.555
4621	46.20	-0.205	0.176	0.507	0.775	0.991	1.195	1.428	1.703	1.997	2.257
4631	46.30	2.425	2.463	2.369	2.179	1.947	1.729	1.557	1.435	1.344	1.259
4641	46.40	1.161	1.048	0.932	0.829	0.746	0.678	0.606	0.514	0.398	0.270
4651	46.50	0.159	0.096	0.096	0.155	0.247	0.341	0.415	0.469	0.524	0.611
4661	46.60	0.749	0.930	1.114	1.262	1.283	1.155	0.937	0.664	0.401	0.197
4671	46.70	0.057	-0.051	-0.183	-0.386	-0.673	-1.010	-1.328	-1.550	-1.623	-1.538
4681	46.80	-1.332	-1.069	-0.814	-0.608	-0.458	-0.349	-0.253	-0.159	-0.071	-0.014
4691	46.90	-0.016	-0.091	-0.234	-0.418	-0.607	-0.769	-0.890	-0.973	-1.039	-1.112
4701	47.00	-1.215	-1.355	-1.527	-1.713	-1.885	-2.012	-2.067	-2.033	-1.907	-1.707
4711	47.10	-1.465	-1.222	-1.017	-0.870	-0.782	-0.731	-0.684	-0.613	-0.503	-0.359
4721	47.20	-0.201	-0.054	0.066	0.158	0.237	0.320	0.422	0.547	0.685	0.820
4731	47.30	0.942	1.045	1.137	1.228	1.329	1.442	1.560	1.672	1.766	1.841
4741	47.40	1.901	1.959	2.024	2.101	2.186	2.270	2.337	2.377	2.383	2.355
4751	47.50	2.296	2.210	2.103	1.977	1.838	1.689	1.535	1.382	1.234	1.094
4761	47.60	0.962	0.714	0.589	0.451	0.293	0.103	-0.123	-0.386	-0.676	
4771	47.70	-0.979	-1.278	-1.560	-1.817	-2.055	-2.280	-2.504	-2.731	-2.958	-3.174
4781	47.80	-3.364	-3.520	-3.643	-3.745	-3.845	-3.962	-4.106	-4.271	-4.436	-4.565
4791	47.90	-4.625	-4.589	-4.451	-4.225	-3.948	-3.654	-3.385	-3.157	-2.969	-2.798
4801	48.00	-2.615	-2.394	-2.127	-1.830	-1.535	-1.279	-1.094	-0.987	-0.944	-0.931
4811	48.10	-0.911	-0.859	-0.772	-0.684	-0.566	-0.505	-0.495	-0.533	-0.600	-0.677
4821	48.20	-0.769	-0.815	-0.885	-0.968	-1.064	-1.156	-1.205	-1.183	-1.064	-0.951
4831	48.30	-0.571	-0.274	-0.004	0.208	0.364	0.492	0.636	0.838	1.116	1.360
4841	48.40	1.837	2.200	2.515	2.765	2.960	3.126	3.290	3.473	3.678	3.892
4851	48.50	4.099	4.288	4.457	4.616	4.776	4.942	5.101	5.228	5.296	5.283
4861	48.60	5.184	5.016	4.811	4.601	4.413	4.253	4.115	3.983	3.843	3.693
4871	48.70	3.539	3.393	3.266	3.150	3.039	2.916	2.763	2.583	2.385	2.189
4881	48.80	2.010	1.855	1.715	1.569	1.397	1.189	0.969	0.697	0.460	0.261
4891	48.90	0.110	0.000	-0.088	-0.171	-0.269	-0.388	-0.517	-0.654	-0.779	-0.892
4901	49.00	-0.984	-1.053	-1.091	-1.091	-1.047	-0.962	-0.846	-0.720	-0.605	-0.520
4911	49.10	-0.468	-0.440	-0.417	-0.380	-0.322	-0.246	-0.168	-0.109	-0.082	-0.090
4921	49.20	-0.123	-0.147	-0.210	-0.253	-0.306	-0.385	-0.504	-0.684	-0.851	-1.042
4931	49.30	-1.216	-1.361	-1.482	-1.599	-1.734	-1.908	-2.125	-2.367	-2.618	-2.855
4941	49.40	-3.065	-3.250	-3.421	-3.592	-3.771	-3.953	-4.122	-4.259	-4.350	-4.394
4951	49.50	-4.402	-4.394	-4.396	-4.412	-4.439	-4.462	-4.457	-4.405	-4.299	-4.145
4961	49.60	-3.958	-3.749	-3.548	-3.391	-3.250	-3.080	-2.933	-2.788	-2.638	-2.493
4971	49.70	-2.355	-2.226	-2.108	-1.995	-1.884	-1.771	-1.651	-1.523	-1.386	-1.229
4981	49.80	-1.052	-0.867	-0.611	-0.348	-0.061	0.230	0.509	0.763	0.987	1.181
4991	49.90	1.356	1.525	1.699	1.885	2.083	2.289	2.495	2.692	2.876	3.042

Table 7-29-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1971 1302-GR-1-28 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -12.654 (GAL) T= 16.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	3.188	3.312	3.411	3.484	3.532	3.559	3.571	3.574	3.572	3.565
5011	50.10	3.548	3.517	3.468	3.403	3.326	3.247	3.171	3.100	3.031	2.961
5021	50.20	2.883	2.799	2.716	2.642	2.585	2.546	2.516	2.482	2.425	2.334
5031	50.30	2.206	2.050	1.882	1.720	1.576	1.455	1.356	1.264	1.179	1.094
5041	50.40	1.007	0.923	0.843	0.766	0.691	0.612	0.528	0.439	0.349	0.265
5051	50.50	0.193	0.135	0.087	0.043	-0.008	-0.073	-0.157	-0.258	-0.372	-0.492
5061	50.60	-0.608	-0.716	-0.816	-0.909	-1.003	-1.107	-1.230	-1.376	-1.546	-1.731
5071	50.70	-1.916	-2.077	-2.189	-2.228	-2.183	-2.056	-1.865	-1.641	-1.418	-1.224
5081	50.80	-1.072	-0.952	-0.843	-0.718	-0.560	-0.373	-0.180	-0.018	0.078	0.090
5091	50.90	0.026	-0.086	-0.207	-0.307	-0.377	-0.430	-0.493	-0.586	-0.716	-0.865
5101	51.00	-1.005	-1.109	-1.176	-1.224	-1.269	-1.398	-1.551	-1.708	-1.601	-1.762
5111	51.10	-1.552	-1.191	-0.752	-0.344	-0.071	0.005	-0.119	-0.391	-0.726	-1.045
5121	51.20	-1.298	-1.474	-1.586	-1.657	-1.695	-1.689	-1.621	-1.478	-1.272	-1.036
5131	51.30	-0.816	-0.644	-0.537	-0.479	-0.433	-0.366	-0.266	-0.143	-0.030	0.042
5141	51.40	0.053	0.013	-0.054	-0.117	-0.158	-0.181	-0.205	-0.254	-0.336	-0.437
5151	51.50	-0.522	-0.551	-0.496	-0.351	-0.150	0.065	0.246	0.385	0.422	0.438
5161	51.60	0.449	0.407	0.570	0.693	0.833	0.962	1.051	1.083	1.056	0.983
5171	51.70	0.886	0.788	0.706	0.645	0.599	0.552	0.483	0.380	0.242	0.084
5181	51.80	-0.066	-0.178	-0.225	-0.196	-0.094	0.060	0.243	0.426	0.590	0.724
5191	51.90	0.824	0.894	0.945	0.987	1.031	1.081	1.133	1.172	1.175	1.119
5201	52.00	0.990	0.796	0.564	0.338	0.166	0.080	0.090	0.181	0.317	0.461
5211	52.10	0.585	0.681	0.758	0.830	0.910	1.002	1.099	1.192	1.276	1.358
5221	52.20	1.446	1.550	1.668	1.786	1.876	1.915	1.884	1.787	1.640	1.474
5231	52.30	1.318	1.193	1.108	1.059	1.036	1.026	1.016	0.994	0.952	0.885
5241	52.40	0.797	0.698	0.605	0.533	0.489	0.465	0.463	0.399	0.314	0.186
5251	52.50	0.032	-0.123	-0.251	-0.341	-0.396	-0.428	-0.457	-0.486	-0.502	-0.481
5261	52.60	-0.405	-0.268	-0.090	0.096	0.256	0.371	0.450	0.516	0.594	0.692
5271	52.70	0.786	0.835	0.793	0.639	0.392	0.106	-0.152	-0.333	-0.428	-0.477
5281	52.80	-0.543	-0.682	-0.909	-1.184	-1.426	-1.549	-1.496	-1.272	-0.938	-0.586
5291	52.90	-0.299	-0.118	-0.026	0.030	0.110	0.240	0.393	0.494	0.457	0.222
5301	53.00	-0.208	-0.758	-1.304	-1.707	-1.866	-1.749	-1.401	-0.929	-0.469	-0.146
5311	53.10	-0.043	-0.188	-0.547	-1.047	-1.586	-2.063	-2.391	-2.517	-2.431	-2.172
5321	53.20	-1.818	-1.466	-1.221	-1.142	-1.251	-1.513	-1.858	-2.201	-2.478	-2.664
5331	53.30	-2.778	-2.871	-3.000	-3.198	-3.460	-3.763	-3.985	-4.124	-4.127	-4.000
5341	53.40	-3.778	-3.516	-3.266	-3.061	-2.911	-2.806	-2.726	-2.648	-2.557	-2.461
5351	53.50	-2.290	-2.098	-1.866	-1.599	-1.318	-1.046	-0.811	-0.624	-0.488	-0.375
5361	53.60	-0.255	-0.101	0.094	0.313	0.515	0.652	0.693	0.631	0.497	0.347
5371	53.70	0.242	0.233	0.339	0.545	0.809	1.078	1.306	1.468	1.566	1.620
5381	53.80	1.666	1.732	1.835	1.973	2.127	2.274	2.393	2.477	2.536	2.590
5391	53.90	2.660	2.757	2.871	2.976	3.036	3.022	2.924	2.762	2.576	2.419
5401	54.00	2.333	2.360	2.436	2.592	2.776	2.958	3.126	3.273	3.409	3.535
5411	54.10	3.645	3.731	3.786	3.817	3.840	3.882	3.989	4.072	4.185	4.285
5421	54.20	4.298	4.209	4.020	3.764	3.492	3.252	3.073	2.954	2.870	2.788
5431	54.30	2.680	2.538	2.372	2.200	2.043	1.907	1.785	1.660	1.517	1.350
5441	54.40	1.162	0.967	0.778	0.600	0.431	0.261	0.082	-0.109	-0.308	-0.504
5451	54.50	-0.686	-0.848	-0.994	-1.135	-1.285	-1.456	-1.649	-1.859	-2.074	-2.280
5461	54.60	-2.471	-2.645	-2.805	-2.956	-3.101	-3.234	-3.346	-3.425	-3.465	-3.469
5471	54.70	-3.455	-3.446	-3.468	-3.535	-3.647	-3.781	-3.904	-3.983	-3.996	-3.940
5481	54.80	-3.835	-3.713	-3.602	-3.521	-3.468	-3.424	-3.366	-3.277	-3.156	-3.013
5491	54.90	-2.865	-2.727	-2.598	-2.466	-2.310	-2.117	-1.886	-1.632	-1.379	-1.150

Table 7-29-12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1971 1302-GR-1-28 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -12.654 (GAL) T= 16.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.954	-0.788	-0.641	-0.504	-0.380	-0.291	-0.264	-0.322	-0.462	-0.657
5511	55.10	-0.854	-0.995	-1.038	-0.988	-0.808	-0.605	-0.408	-0.256	-0.158	-0.101
5521	55.20	-0.056	0.004	0.096	0.219	0.359	0.503	0.662	0.775	0.909	1.048
5531	55.30	1.194	1.339	1.476	1.596	1.698	1.785	1.859	1.918	1.956	1.958
5541	55.40	1.914	1.829	1.710	1.580	1.462	1.373	1.313	1.271	1.227	1.166
5551	55.50	1.083	0.988	0.899	0.832	0.791	0.769	0.744	0.695	0.610	0.491
5561	55.60	0.353	0.220	0.109	0.024	-0.043	-0.110	-0.191	-0.286	-0.382	-0.454
5571	55.70	-0.475	-0.430	-0.322	-0.171	-0.012	0.122	0.210	0.247	0.247	0.234
5581	55.80	0.232	0.262	0.329	0.430	0.554	0.688	0.821	0.946	1.060	1.162
5591	55.90	1.252	1.329	1.393	1.446	1.490	1.526	1.552	1.567	1.565	1.540
5601	56.00	1.491	1.419	1.332	1.242	1.156	1.079	1.003	0.917	0.807	0.665
5611	56.10	0.493	0.307	0.132	-0.007	-0.092	-0.126	-0.127	-0.126	-0.156	-0.240
5621	56.20	-0.383	-0.569	-0.771	-0.961	-1.118	-1.241	-1.346	-1.454	-1.588	-1.753
5631	56.30	-1.940	-2.120	-2.257	-2.321	-2.293	-2.174	-1.986	-1.761	-1.531	-1.322
5641	56.40	-1.144	-0.993	-0.853	-0.707	-0.545	-0.368	-0.189	-0.031	0.084	0.142
5651	56.50	0.143	0.099	0.033	-0.037	-0.102	-0.166	-0.243	-0.349	-0.488	-0.669
5661	56.60	-0.802	-0.910	-0.942	-0.882	-0.742	-0.554	-0.361	-0.197	-0.081	-0.006
5671	56.70	0.017	0.112	0.208	0.340	0.495	0.653	0.791	0.898	0.976	1.034
5681	56.80	1.085	1.136	1.189	1.238	1.278	1.310	1.339	1.377	1.434	1.515
5691	56.90	1.616	1.724	1.826	1.911	1.977	2.029	2.075	2.125	2.180	2.236
5701	57.00	2.281	2.300	2.282	2.226	2.116	1.986	1.841	1.701	1.582	1.493
5711	57.10	1.433	1.390	1.348	1.288	1.193	1.054	0.872	0.657	0.421	0.175
5721	57.20	-0.073	-0.321	-0.572	-0.826	-1.083	-1.340	-1.590	-1.827	-2.052	-2.264
5731	57.30	-2.468	-2.686	-2.845	-3.001	-3.120	-3.193	-3.222	-3.220	-3.210	-3.214
5741	57.40	-3.247	-3.309	-3.383	-3.444	-3.462	-3.423	-3.327	-3.192	-3.044	-2.909
5751	57.50	-2.800	-2.697	-2.637	-2.572	-2.542	-2.491	-2.448	-1.844	-1.460	-1.392
5761	57.60	-1.351	-1.208	-1.049	-0.859	-0.640	-0.409	-0.189	0.000	0.150	0.267
5771	57.70	0.368	0.471	0.587	0.712	0.833	0.936	1.013	1.068	1.114	1.161
5781	57.80	1.208	1.237	1.217	1.119	0.936	0.690	0.437	0.250	0.197	0.313
5791	57.90	0.589	0.975	1.391	1.760	2.027	2.173	2.215	2.185	2.121	2.046
5801	58.00	1.947	1.880	1.777	1.658	1.530	1.404	1.296	1.201	1.114	1.021
5811	58.10	0.913	0.789	0.654	0.531	0.428	0.356	0.318	0.308	0.330	0.344
5821	58.20	0.384	0.439	0.508	0.586	0.665	0.739	0.803	0.860	0.917	0.981
5831	58.30	1.056	1.141	1.232	1.325	1.424	1.537	1.678	1.845	2.033	2.210
5841	58.40	2.331	2.350	2.236	1.990	1.663	1.254	0.889	0.600	0.410	0.306
5851	58.50	0.249	0.194	0.108	-0.014	-0.147	-0.250	-0.283	-0.226	-0.088	0.096
5861	58.60	0.277	0.416	0.495	0.523	0.531	0.551	0.603	0.681	0.757	0.793
5871	58.70	0.758	0.638	0.457	0.253	0.070	-0.059	-0.125	-0.144	-0.147	-0.167
5881	58.80	-0.224	-0.320	-0.473	-0.570	-0.688	-0.787	-0.911	-0.918	-1.025	-1.099
5891	58.90	-1.173	-1.241	-1.305	-1.373	-1.453	-1.552	-1.670	-1.800	-1.928	-2.041
5901	59.00	-2.133	-2.205	-2.264	-2.317	-2.370	-2.421	-2.471	-2.520	-2.573	-2.640
5911	59.10	-2.728	-2.833	-2.941	-3.025	-3.060	-3.028	-2.934	-2.796	-2.648	-2.517
5921	59.20	-2.417	-2.340	-2.268	-2.181	-2.086	-1.933	-1.799	-1.688	-1.609	-1.552
5931	59.30	-1.493	-1.404	-1.268	-1.088	-0.892	-0.718	-0.588	-0.518	-0.489	-0.465
5941	59.40	-0.410	-0.301	-0.139	0.053	0.242	0.401	0.520	0.611	0.695	0.791
5951	59.50	0.908	1.038	1.162	1.258	1.316	1.336	1.341	1.352	1.388	1.458
5961	59.60	1.555	1.666	1.773	1.865	1.937	1.993	2.040	2.085	2.133	2.184
5971	59.70	2.237	2.290	2.339	2.382	2.418	2.436	2.438	2.419	2.377	2.315
5981	59.80	2.260	2.159	2.082	2.013	1.956	1.909	1.869	1.832	1.793	1.750
5991	59.90	1.702	1.649	1.594	1.536	1.474	1.413	1.349	1.283	1.215	1.148

Table 7-29-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1971 1302-GR-1-28 U-D (U-D) CHIYODA BRIDGE MAX. ACC. = -12.656 (GAL) T= 16.83 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
6001	60.00	1.081	1.015	0.949	0.879	0.805	0.724	0.636	0.545	0.454	0.368
6011	60.10	0.292	0.225	0.169	0.122	0.080	0.040	-0.003	-0.054	-0.117	-0.192
6021	60.20	-0.278	-0.370	-0.461	-0.546	-0.621	-0.690	-0.758	-0.831	-0.910	-0.986
6031	60.30	-1.046	-1.070	-1.044	-0.962	-0.831	-0.670	-0.498	-0.331	-0.174	-0.022
6041	60.40	0.133	0.298	0.461	0.609	0.718	0.767	0.747	0.665	0.541	0.400
6051	60.50	0.265	0.146	0.043	-0.051	-0.151	-0.263	-0.382	-0.505	-0.626	-0.742
6061	60.60	-0.853	-0.962	-1.070	-1.179	-1.287	-1.394	-1.500	-1.605	-1.712	-1.815
6071	60.70	-1.909	-1.986	-2.043	-2.081	-2.113	-2.152	-2.210	-2.289	-2.375	-2.447
6081	60.80	-2.479	-2.457	-2.379	-2.259	-2.120	-1.985	-1.866	-1.769	-1.689	-1.622
6091	60.90	-1.566	-1.523	-1.492	-1.465	-1.427	-1.360	-1.253	-1.108	-0.946	-0.796
6101	61.00	-0.681	-0.608	-0.556	-0.493	-0.389	-0.237	-0.070	0.056	0.075	-0.051
6111	61.10	-0.313	-0.447	-0.957	-1.142	-1.158	-0.982	-0.707	-0.392	-0.130	0.031
6121	61.20	0.094	0.100	0.105	0.152	0.251	0.381	0.506	0.592	0.629	0.629
6131	61.30	0.622	0.638	0.691	0.778	0.881	0.978	1.055	1.109	1.149	1.187
6141	61.40	1.231	1.283	1.336	1.381	1.411	1.420	1.407	1.372	1.316	1.241
6151	61.50	1.151	1.056	0.967	0.894	0.842	0.802	0.759	0.696	0.601	0.475
6161	61.60	0.337	0.217	0.146	0.147	0.220	0.349	0.504	0.652	0.770	0.854
6171	61.70	0.916	0.979	1.064	1.180	1.319	1.458	1.565	1.615	1.595	1.511
6181	61.80	1.385	1.246	1.122	1.027	0.966	0.928	0.901	0.873	0.839	0.797
6191	61.90	0.750	0.697	0.635	0.562	0.474	0.379	0.286	0.208	0.154	0.119
6201	62.00	0.090	0.044	-0.035	-0.149	-0.284	-0.407	-0.484	-0.489	-0.417	-0.286
6211	62.10	-0.129	0.016	0.123	0.185	0.212	0.223	0.239	0.272	0.324	0.393
6221	62.20	0.470	0.552	0.640	0.732	0.827	0.918	0.998	1.062	1.109	1.147
6231	62.30	1.187	1.241	1.313	1.403	1.502	1.601	1.696	1.783	1.862	1.932
6241	62.40	1.969	2.021	2.020	1.979	1.900	1.793	1.670	1.544	1.420	1.297
6251	62.50	1.168	1.029	0.881	0.731	0.591	0.468	0.365	0.276	0.190	0.096
6261	62.60	-0.012	-0.135	-0.264	-0.393	-0.517	-0.636	-0.755	-0.876	-0.999	-1.120
6271	62.70	-1.233	-1.331	-1.416	-1.492	-1.572	-1.657	-1.780	-1.910	-2.045	-2.172
6281	62.80	-2.279	-2.362	-2.425	-2.483	-2.550	-2.641	-2.757	-2.890	-3.017	-3.109
6291	62.90	-3.136	-3.080	-2.937	-2.725	-2.476	-2.231	-2.022	-1.867	-1.763	-1.688
6301	63.00	-1.612	-1.515	-1.395	-1.270	-1.177	-1.155	-1.229	-1.396	-1.630	-1.886
6311	63.10	-2.117	-2.296	-2.421	-2.516	-2.615	-2.749	-2.924	-3.118	-3.286	-3.378
6321	63.20	-3.359	-3.226	-3.006	-2.750	-2.513	-2.332	-2.217	-2.147	-2.083	-1.988
6331	63.30	-1.843	-1.649	-1.429	-1.214	-1.026	-0.870	-0.737	-0.607	-0.463	-0.298
6341	63.40	-0.118	0.068	0.248	0.424	0.603	0.795	1.006	1.227	1.439	1.619
6351	63.50	1.753	1.839	1.895	1.947	2.015	2.107	2.213	2.311	2.380	2.413
6361	63.60	2.421	2.430	2.466	2.542	2.652	2.772	2.872	2.929	2.941	2.923
6371	63.70	2.900	2.893	2.903	2.913	2.894	2.816	2.669	2.465	2.238	2.027
6381	63.80	1.863	1.755	1.690	1.641	1.579	1.486	1.361	1.219	1.078	0.951
6391	63.90	0.840	0.740	0.637	0.526	0.410	0.299	0.204	0.133	0.080	0.035
6401	64.00	-0.017	-0.082	-0.158	-0.230	-0.284	-0.316	-0.335	-0.363	-0.424	-0.526
6411	64.10	-0.656	-0.781	-0.854	-0.842	-0.735	-0.558	-0.358	-0.187	-0.078	-0.035
6421	64.20	-0.031	-0.027	0.009	0.087	0.192	0.298	0.382	0.440	0.487	0.548
6431	64.30	0.641	0.765	0.904	1.031	1.133	1.211	1.247	1.284	1.511	1.656
6441	64.40	1.793	1.896	1.961	2.014	2.094	2.235	2.435	2.650	2.806	2.858
6451	64.50	2.720	2.484	2.208	1.978	1.844	1.796	1.769	1.688	1.507	1.241
6461	64.60	0.961	0.747	0.648	0.641	0.664	0.563	0.343	0.009	-0.352	-0.633
6471	64.70	-0.780	-0.828	-0.888	-1.088	-1.482	-2.026	-2.568	-2.936	-3.037	-2.919
6481	64.80	-2.762	-2.792	-3.149	-3.804	-4.548	-5.096	-5.240	-4.975	-4.531	-4.266
6491	64.90	-4.471	-5.263	-6.187	-6.903	-6.811	-5.600	-3.375	-0.651	1.827	3.380

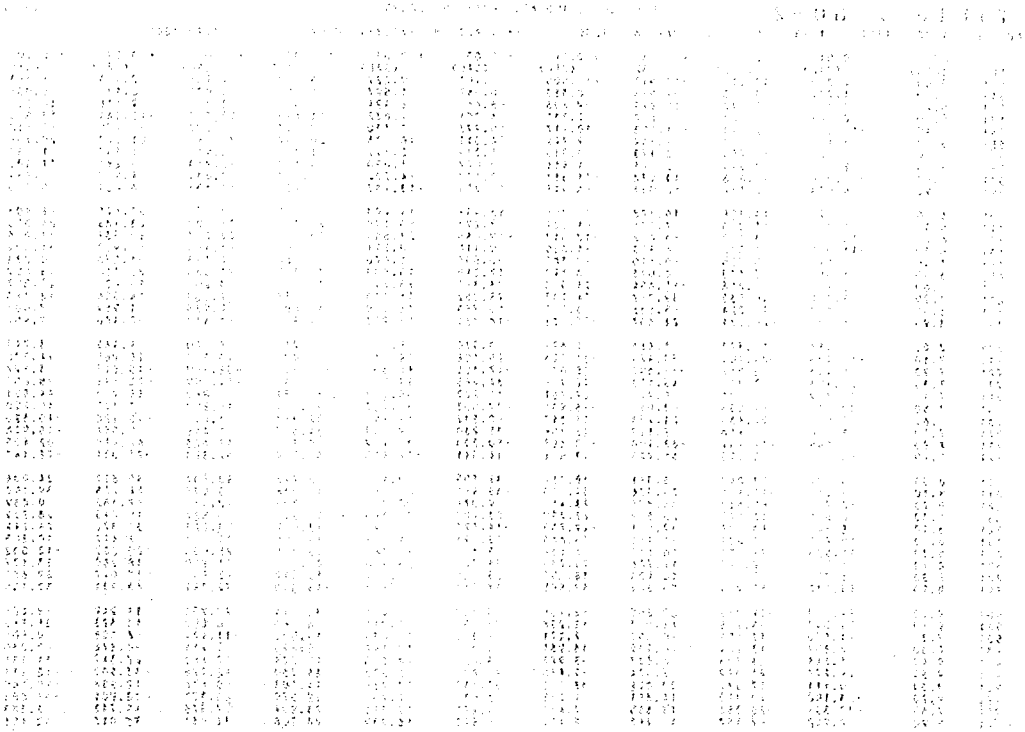


Table 7-30-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1972 1302-GR-1-28 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -76.334 (GAL) T= 7.99 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-3.352	-2.351	-0.819	0.801	2.057	2.618	2.372	1.444	0.141	-1.139
11	0.10	-2.035	-2.317	-1.961	-1.153	-0.230	0.431	0.558	0.104	-0.703	-1.416
21	0.20	-1.532	-0.711	1.039	3.287	5.282	6.200	5.471	3.036	-0.563	-4.323
31	0.30	-7.119	-8.101	-7.010	-4.281	-0.873	2.079	3.687	3.607	2.130	0.017
41	0.40	-1.832	-2.732	-2.458	-1.292	0.135	1.114	1.155	0.147	-1.617	-3.565
51	0.50	-5.067	-5.647	-5.127	-3.659	-1.663	0.316	1.774	2.369	2.024	0.931
61	0.60	-0.504	-1.781	-2.455	-2.278	-1.290	0.181	1.608	2.437	2.275	1.044
71	0.70	-0.972	-3.205	-4.981	-5.749	-5.265	-3.676	-1.464	0.719	2.261	2.883
81	0.80	2.533	1.558	0.458	-0.296	-0.435	0.011	0.735	1.289	1.262	0.454
91	0.90	-1.030	-2.792	-4.270	-4.922	-4.416	-2.775	-0.368	2.170	4.143	5.010
101	1.00	4.598	3.089	1.038	-0.856	-1.972	-1.980	-0.946	0.704	2.339	3.356
111	1.10	3.387	2.424	0.799	-0.946	-2.262	-2.778	-2.404	-1.328	0.084	-1.436
121	1.20	2.421	2.891	2.844	2.373	1.599	0.636	-0.404	-1.388	-2.154	-2.532
131	1.30	-2.408	-1.788	-0.840	0.134	0.799	0.910	0.430	-0.440	-1.327	-1.822
141	1.40	-1.469	-0.774	0.577	2.001	3.071	3.478	3.122	2.108	0.687	-0.841
151	1.50	-2.200	-3.163	-3.557	-3.256	-2.208	-0.488	1.658	3.806	5.442	6.115
161	1.60	5.612	4.079	2.000	0.048	-1.174	-1.376	-0.698	0.362	1.077	0.980
171	1.70	-0.100	-1.863	-3.685	-4.878	-4.969	-3.874	-1.902	0.602	2.479	3.919
181	1.80	4.679	4.725	4.213	3.227	1.797	-0.034	-2.101	-4.055	-5.413	-5.726
191	1.90	-4.781	-2.750	-0.182	2.165	3.603	3.780	2.808	1.200	-0.356	-1.289
201	2.00	-1.369	-0.765	0.081	0.691	0.787	0.417	-0.087	-0.281	0.166	1.301
211	2.10	2.639	4.265	5.024	4.725	3.285	0.961	-1.723	-4.130	-5.690	-6.051
221	2.20	-5.177	-3.358	-1.140	0.820	1.943	1.903	0.742	-1.127	-3.052	-4.358
231	2.30	-4.595	-3.707	-2.056	-0.279	0.968	1.287	0.702	-0.346	-1.197	-1.268
241	2.40	-0.329	1.363	3.144	4.201	3.918	2.162	-0.615	-3.493	-5.401	-5.503
251	2.50	-3.520	0.142	4.494	8.278	10.371	10.148	7.690	3.751	-0.481	-3.764
261	2.60	-5.190	-4.458	-1.942	1.445	4.569	6.435	6.490	4.765	1.825	-1.451
271	2.70	-4.170	-5.697	-5.815	-4.736	-2.969	-1.119	0.316	1.075	1.164	0.799
281	2.80	0.294	-0.063	-0.092	0.250	0.878	1.632	2.338	2.856	3.114	3.108
291	2.90	2.896	2.562	2.190	1.836	1.525	1.252	1.001	0.762	0.536	0.331
301	3.00	0.146	-0.044	-0.283	-0.621	-1.082	-1.640	-2.217	-2.699	-2.976	-2.987
311	3.10	-2.741	-2.310	-1.800	-1.307	-0.883	-0.535	-0.241	0.020	0.241	0.387
321	3.20	0.417	0.305	0.066	-0.253	-0.592	-0.910	-1.193	-1.455	-1.710	-1.948
331	3.30	-2.125	-2.183	-2.076	-1.805	-1.416	-0.988	-0.561	-0.217	0.129	-0.493
341	3.40	0.867	1.166	1.235	0.912	0.115	-1.072	-2.387	-3.444	-3.859	-3.392
351	3.50	-2.044	-0.072	2.091	3.964	5.165	5.498	4.975	3.771	2.152	0.399
361	3.60	-1.235	-2.539	-3.348	-3.552	-3.113	-2.085	-0.620	1.052	2.670	4.002
371	3.70	4.877	5.210	4.984	4.230	3.020	1.469	-0.240	-1.657	-5.091	-3.683
381	3.80	-3.497	-2.595	-1.257	0.065	0.966	1.042	0.201	-1.398	-3.374	-5.244
391	3.90	-6.566	-7.047	-6.800	-5.334	-3.495	-1.396	0.650	2.378	3.596	4.202
401	4.00	4.186	3.617	2.632	1.393	0.061	-1.236	-2.407	-3.386	-4.117	-4.538
411	4.10	-4.588	-4.244	-3.546	-2.626	-1.684	-0.939	-0.559	-0.599	-0.975	-1.495
421	4.20	-1.930	-2.090	-1.892	-1.372	-0.653	0.115	0.817	1.405	1.892	2.314
431	4.30	2.677	2.929	2.955	2.625	1.846	0.629	-0.882	-2.421	-3.660	-4.292
441	4.40	-4.131	-3.176	-1.631	0.140	1.707	2.690	2.863	2.214	0.934	0.667
451	4.50	-2.162	-3.309	-3.914	-3.944	-3.476	-2.644	-1.585	-0.421	0.740	1.783
461	4.60	2.583	3.612	2.980	2.489	1.666	0.759	0.086	-0.058	0.503	1.745
471	4.70	3.431	5.162	6.494	7.081	6.807	5.842	4.639	3.755	3.713	4.780
481	4.80	6.846	9.428	11.788	13.191	13.158	11.658	9.146	6.321	4.352	3.585
491	4.90	4.216	5.925	7.909	9.260	9.258	7.607	4.507	0.558	-3.471	-6.888

Table 7-30-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1972 1302-GR-1-28 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -76.334 (GAL) T= 7.99 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-9.266	-10.515	-10.818	-10.505	-9.901	-9.229	-8.572	-7.901	-7.125	-6.153
511	5.10	-4.932	-3.475	-1.875	-0.313	0.947	1.597	1.358	0.076	-2.173	-5.034
521	5.20	-7.897	-10.022	-10.729	-9.606	-6.668	-2.394	2.368	6.608	9.418	10.220
531	5.30	8.908	1.828	1.470	-2.761	-6.751	-9.832	-11.838	-12.887	-13.164	-13.005
541	5.40	-12.607	-12.096	-11.525	-10.917	-10.296	-9.680	-9.047	-8.297	-7.230	-5.583
551	5.50	-3.112	0.298	4.549	9.299	14.013	18.075	20.937	22.244	21.908	20.108
561	5.60	17.226	13.750	10.173	6.913	4.269	2.399	1.329	0.967	1.133	1.586
571	5.70	2.062	2.314	2.141	1.411	0.077	-1.620	-4.157	-6.733	-9.281	-11.488
581	5.80	-13.032	-13.626	-13.072	-11.317	-8.487	-4.902	-1.057	2.434	4.927	5.869
591	5.90	4.933	2.137	-2.088	-6.914	-11.254	-13.987	-14.239	-11.635	-6.434	0.500
601	6.00	7.890	14.354	18.728	20.304	18.934	14.993	9.244	2.678	-3.625	-8.603
611	6.10	-11.315	-11.066	-7.576	-1.139	7.292	16.190	23.727	28.200	28.683	24.354
621	6.20	16.561	6.608	-3.672	-12.612	-19.085	-22.664	-23.536	-22.268	-19.537	-15.946
631	6.30	-11.975	-8.022	-4.463	-1.660	0.118	0.794	0.556	-0.183	-0.929	-1.304
641	6.40	-1.198	-0.785	-0.410	-0.385	-0.805	-1.490	-2.067	-2.153	-1.536	-0.238
651	6.50	1.557	3.673	6.076	8.890	12.218	15.883	19.215	21.066	20.116	15.409
661	6.60	6.902	-4.218	-15.654	-24.558	-28.386	-25.713	-16.728	-3.205	12.027	25.897
671	6.70	35.892	40.585	39.747	34.133	25.082	14.160	2.938	-7.089	-14.554	-18.346
681	6.80	-17.850	-13.224	-5.565	3.204	10.753	14.990	14.697	9.923	1.959	-7.067
691	6.90	-14.987	-20.071	-21.667	-20.171	-16.761	-12.913	-9.895	-8.410	-8.466	-9.459
701	7.00	-10.418	-10.327	-8.466	-4.699	0.370	5.431	8.761	8.740	4.465	-3.743
711	7.10	-14.183	-24.101	-30.475	-31.026	-25.104	-14.069	-1.008	10.172	15.968	14.372
721	7.20	5.466	-8.662	-24.697	-38.631	-47.405	-49.630	-44.240	-32.260	-15.613	3.197
731	7.30	21.193	35.374	43.158	42.944	34.645	19.969	2.239	-14.299	-25.546	-28.655
741	7.40	-22.799	-9.391	8.774	27.761	44.222	55.778	61.331	60.860	54.986	44.591
751	7.50	30.692	14.565	-2.050	-16.901	-27.508	-31.767	-28.671	-18.852	-4.663	10.290
761	7.60	22.071	27.485	24.938	14.847	-0.532	-17.740	-32.987	-43.011	-45.720	-40.520
771	7.70	-28.340	-11.416	7.119	23.758	35.230	39.108	34.317	21.415	2.552	-18.928
781	7.80	-39.145	-54.454	-62.108	-60.685	-50.200	-31.969	-8.337	17.626	42.416	62.405
791	7.90	74.251	75.443	64.923	43.604	14.541	-17.415	-46.519	-67.398	-76.536	-72.147
801	8.00	-56.397	-32.840	-6.351	18.314	37.505	49.154	52.723	48.807	38.677	24.004
811	8.10	6.811	-10.466	-25.034	-34.090	-35.460	-28.346	-13.836	5.096	24.225	39.190
821	8.20	46.735	45.620	36.896	23.660	9.074	-2.762	-9.706	-10.969	-7.188	0.059
831	8.30	8.831	17.270	23.819	27.259	26.709	21.690	12.312	-0.527	-15.043	-28.739
841	8.40	-38.869	-43.004	-39.901	-29.780	-14.521	2.693	18.069	28.093	30.374	24.242
851	8.50	10.945	-6.602	-24.480	-38.666	-45.991	-44.905	-35.855	-21.174	-4.690	10.208
861	8.60	19.578	21.771	16.842	6.657	-5.694	-16.784	-23.765	-25.058	-20.687	-12.002
871	8.70	-1.271	9.289	17.766	23.260	25.785	25.560	21.512	14.050	18.280	13.177
881	8.80	6.351	-2.008	-10.926	-18.655	-23.089	-22.289	-15.417	-5.958	4.352	29.643
891	8.90	43.282	50.955	50.827	42.565	27.367	7.667	-13.340	-32.241	-45.931	-52.100
901	9.00	-49.659	-39.035	-22.265	-2.754	15.330	27.958	32.244	27.238	14.249	-3.464
911	9.10	-21.557	-35.775	-43.057	-42.238	-34.159	-21.214	-6.566	6.809	16.573	21.543
921	9.20	21.590	17.451	10.457	2.271	-5.356	-10.833	-13.005	-11.424	-8.508	0.505
931	9.30	7.857	13.766	16.939	16.961	14.320	10.142	5.695	1.911	-0.874	-2.860
941	9.40	-4.461	-5.788	-6.547	-5.972	-5.083	-2.598	10.674	19.483	27.347	31.186
951	9.50	29.298	21.029	7.324	-9.418	-25.870	-38.573	-44.760	-42.995	-33.500	-18.111
961	9.60	0.111	17.522	30.671	37.048	35.653	27.234	14.108	-0.426	-12.956	-20.880
971	9.70	-23.106	-20.312	-14.651	-9.011	-6.035	-7.251	-12.579	-20.377	-28.001	-32.665
981	9.80	-32.334	-26.356	-15.655	-2.471	10.271	19.751	23.994	22.376	15.782	6.383
991	9.90	-2.902	-9.157	-10.243	-5.411	4.422	14.839	28.508	36.061	37.013	30.456

Table 7-30-3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1972 1302-GR-1-28 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -76.334 (GAL) T= 7.99 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	17.325	0.135	-17.690	-32.712	-42.283	-45.076	-41.201	-31.971	-19.448	-5.959
1011	10.10	6.300	15.524	20.456	20.498	15.017	7.402	-2.993	-13.098	-20.577	-23.509
1021	10.20	-21.297	-14.128	-3.675	7.757	17.816	24.739	27.760	27.134	23.639	19.083
1031	10.30	13.859	8.706	3.767	-0.955	-5.285	-8.700	-10.401	-9.605	-5.951	0.189
1041	10.40	7.625	14.579	19.145	19.843	16.069	8.293	-2.057	-12.967	-22.353	-28.549
1051	10.50	-30.655	-28.660	-23.361	-16.007	-8.163	-1.175	3.988	6.897	7.684	6.953
1061	10.60	5.595	4.562	4.633	6.232	9.316	13.487	17.915	21.736	24.166	24.709
1071	10.70	23.251	20.035	15.623	10.594	5.519	0.801	-3.331	-6.747	-9.315	-10.830
1081	10.80	-11.018	-9.643	-6.667	-2.401	2.469	6.893	9.905	10.745	9.228	5.827
1091	10.90	1.552	-2.365	-4.870	-5.430	-4.177	-1.820	0.654	2.348	2.778	2.003
1101	11.00	0.566	-0.749	-1.203	-0.362	1.782	4.822	8.069	10.742	12.177	11.982
1111	11.10	10.149	7.072	3.476	0.262	-1.721	-1.909	-0.197	3.024	6.983	10.774
1121	11.20	13.636	15.170	15.367	14.517	12.983	11.012	8.656	5.858	2.629	-0.760
1131	11.30	-5.852	-5.993	-6.478	-6.042	-4.700	-3.750	-4.352	-7.239	-12.335	-18.675
1141	11.40	-24.669	-28.638	-29.402	-26.697	-21.256	-14.532	-8.190	-3.570	-1.323	-1.335
1151	11.50	-2.926	-5.208	-7.437	-9.229	-10.564	-11.635	-12.612	-13.471	-13.948	-13.657
1161	11.60	-12.306	-9.931	-6.990	-4.313	-2.826	-3.184	-5.426	-8.823	-12.027	-13.504
1171	11.70	-12.146	-7.805	-1.533	4.629	8.297	7.620	2.049	-7.296	-17.858	-26.414
1181	11.80	-30.118	-27.439	-18.860	-5.651	8.597	21.105	29.653	33.269	32.263	27.863
1191	11.90	21.695	15.310	9.895	6.179	4.459	4.662	6.388	8.979	11.625	13.560
1201	12.00	14.284	13.712	12.174	10.211	8.284	6.512	4.631	2.206	-0.988	-4.607
1211	12.10	-7.633	-8.642	-9.571	-0.361	8.634	18.685	27.220	31.857	31.094	24.943
1221	12.20	14.657	2.318	-9.884	-20.243	-27.799	-32.252	-33.666	-32.183	-27.937	-21.177
1231	12.30	-12.491	-2.939	6.054	13.049	17.057	17.884	16.189	13.212	10.267	8.250
1241	12.40	7.357	7.129	6.786	5.654	3.506	0.651	-2.231	-4.411	-5.423	-5.245
1251	12.50	-4.280	-3.188	-2.666	-3.250	-5.198	-8.448	-12.612	-17.010	-20.733	-23.761
1261	12.60	-22.278	-18.736	-12.275	-3.714	5.551	13.876	19.781	22.346	21.409	17.534
1271	12.70	11.783	5.383	-0.548	-5.159	-7.893	-8.436	-6.694	-2.829	2.661	8.909
1281	12.80	14.758	19.005	20.742	19.667	16.221	11.457	6.685	3.003	0.923	0.236
1291	12.90	0.178	-0.195	-1.574	-4.106	-7.349	-10.476	-12.610	-13.154	-11.959	-9.319
1301	13.00	-5.612	-2.098	1.225	3.700	5.010	4.989	3.669	1.347	-1.376	-3.676
1311	13.10	-4.753	-5.039	-4.681	1.577	4.487	5.255	4.580	1.050	-3.801	-8.316
1321	13.20	-10.651	-10.436	-7.204	-2.386	2.134	4.536	3.744	-0.186	-6.132	-12.362
1331	13.30	-17.162	-19.494	-19.074	-16.492	-12.781	-9.022	-6.043	-4.303	-3.932	-4.867
1341	13.40	-6.809	-9.404	-11.987	-13.687	-13.566	-10.909	-5.573	1.797	9.799	16.616
1351	13.50	20.559	20.629	16.864	10.358	2.907	-3.547	-7.496	-8.245	-6.000	-1.681
1361	13.60	3.450	8.161	11.526	13.048	12.639	10.536	7.197	3.221	-0.718	-3.933
1371	13.70	-5.815	-5.925	-4.083	-0.420	4.618	10.331	15.861	20.323	22.951	23.245
1381	13.80	21.086	16.804	11.139	5.101	-0.249	-4.165	-6.235	-6.659	-6.066	-5.304
1391	13.90	-5.160	-6.128	-8.302	-11.416	-14.983	-18.449	-21.302	-23.105	-23.493	-22.181
1401	14.00	-19.034	-14.188	-8.151	-1.807	3.741	7.472	8.781	7.732	5.082	2.068
1411	14.10	-0.005	-0.195	1.778	5.482	9.973	14.161	17.180	18.621	18.570	17.453
1421	14.20	15.791	13.979	12.161	10.235	7.960	5.100	1.551	-2.589	-7.013	-11.253
1431	14.30	-14.757	-16.996	-17.568	-16.284	-13.219	-8.720	-3.345	2.235	7.363	11.602
1441	14.40	14.003	14.959	14.348	12.539	10.199	8.225	7.584	9.045	12.870	16.582
1451	14.50	24.921	30.080	32.182	29.882	22.871	12.086	-0.479	-12.316	-21.132	-25.475
1461	14.60	-25.076	-20.774	-14.109	-6.764	-0.082	5.175	8.787	10.839	11.465	10.696
1471	14.70	6.494	4.918	0.306	-4.661	-9.063	-12.012	-12.956	-11.901	-9.455	-6.669
1481	14.80	-4.628	-4.298	-6.065	-9.731	-14.562	-19.497	-23.415	-25.405	-24.961	-22.097
1491	14.90	-17.350	-11.678	-6.268	-2.286	-0.602	-1.572	-4.912	-9.732	-14.724	-18.466

Table 7-30-4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1972 1302-GR-1-28 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -76.334 (GAL) T= 7.99 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-19.784	-18.035	-13.384	-6.592	0.974	7.783	12.498	14.307	13.118	9.545
1511	15.10	4.721	-0.033	-3.571	-5.220	-4.919	-3.170	-0.829	1.204	2.274	2.162
1521	15.20	1.116	-0.266	-1.261	-1.268	0.002	2.443	5.588	8.768	11.206	12.400
1531	15.30	12.089	10.395	7.780	4.927	2.544	1.171	1.014	1.878	3.229	4.384
1541	15.40	4.653	3.769	1.812	-0.767	-3.033	-4.432	-4.444	-3.049	-0.673	1.963
1551	15.50	4.083	5.109	4.828	3.421	1.377	-0.681	-2.173	-2.689	-2.038	-0.231
1561	15.60	2.560	6.056	9.893	13.666	16.852	19.069	19.958	19.370	17.400	14.378
1571	15.70	10.789	7.144	3.858	1.151	-0.934	-2.492	-3.669	-4.476	-4.949	-5.003
1581	15.80	-4.589	-3.746	-2.735	-1.424	-1.402	-1.782	-3.129	-5.414	-8.414	-11.749
1591	15.90	-14.929	-17.402	-18.615	-18.088	-15.526	-10.944	-4.767	2.151	8.635	13.429
1601	16.00	15.509	14.382	10.253	4.602	-3.030	-9.392	-13.863	-15.701	-14.721	-11.222
1611	16.10	-5.837	0.623	7.261	13.136	17.308	18.943	17.502	12.962	5.980	-2.124
1621	16.20	-9.624	-14.826	-16.567	-14.581	-9.580	-3.014	3.421	8.326	10.989	11.516
1631	16.30	10.610	9.101	7.990	7.391	6.393	5.911	5.280	3.356	0.739	-2.169
1641	16.40	-4.953	-7.146	-8.850	-9.452	-9.776	-9.888	-10.029	-10.350	-10.887	-11.543
1651	16.50	-12.089	-12.192	-11.494	-9.726	-6.842	-3.099	0.962	4.655	7.370	8.789
1661	16.60	9.004	8.469	7.805	7.543	7.911	8.770	9.726	10.361	10.354	9.796
1671	16.70	8.945	8.157	7.680	7.525	7.479	7.236	6.566	5.427	3.973	2.451
1681	16.80	1.066	-0.120	-1.183	-2.251	-3.388	-4.527	-5.500	-6.139	-6.393	-6.377
1691	16.90	-6.318	-6.406	-6.683	-6.880	-6.702	-5.825	-4.199	-2.153	-0.527	0.530
1701	17.00	-0.099	-2.349	-5.816	-9.721	-13.161	-15.396	-16.045	-15.131	-13.004	-10.190
1711	17.10	-7.264	-4.774	-3.216	-2.995	-4.343	-7.192	-11.061	-15.049	-17.981	-18.725
1721	17.20	-16.558	-11.462	-4.203	3.853	11.141	16.366	18.867	18.744	16.727	13.850
1731	17.30	11.082	9.059	7.988	7.731	7.984	8.445	8.909	9.271	9.468	9.430
1741	17.40	9.073	8.348	7.297	6.078	4.911	3.996	3.384	2.931	2.332	1.246
1751	17.50	-0.542	-2.986	-5.746	-8.270	-9.955	-10.351	-9.204	-6.954	-3.774	-0.330
1761	17.60	2.813	5.222	6.639	6.975	6.281	4.719	2.566	0.229	-1.760	-2.797
1771	17.70	-2.339	-0.084	1.833	4.046	5.912	7.333	8.503	9.504	10.152	10.242
1781	17.80	-5.566	-8.317	-10.659	-12.742	-14.583	-16.002	-17.308	-16.859	-15.646	-13.664
1791	17.90	-1.900	-2.557	-3.359	-3.847	-3.912	-3.762	-3.749	-4.346	-4.989	-6.070
1801	18.00	-7.020	-7.393	-7.316	-6.547	-5.420	-4.206	-3.061	-1.953	-0.667	1.084
1811	18.10	3.507	6.606	10.154	13.719	16.797	18.925	19.779	19.235	17.258	14.067
1821	18.20	10.007	5.443	0.923	-2.973	-5.702	-6.888	-6.437	-4.599	-1.926	0.864
1831	18.30	3.086	4.277	4.311	3.388	1.915	0.326	-2.243	-5.311	-7.977	-9.547
1841	18.40	-4.180	-0.606	-10.606	-12.783	-14.217	-14.319	-12.669	-9.061	-3.805	2.440
1851	18.50	8.648	13.621	16.266	15.891	12.451	6.642	-0.207	-6.436	-10.189	-11.332
1861	18.60	-8.735	-3.321	3.636	10.584	16.114	19.290	19.808	17.953	14.418	10.060
1871	18.70	5.699	1.965	-0.653	-2.005	-2.063	-1.002	0.833	2.984	4.956	6.336
1881	18.80	6.893	6.665	5.827	4.798	3.899	3.322	3.054	2.895	2.561	1.806
1891	18.90	0.520	-1.224	-3.211	-5.151	-6.779	-7.911	-8.474	-8.497	-8.060	-7.275
1901	19.00	-6.242	-5.135	-4.003	-2.964	-2.087	-1.397	-0.865	-0.423	0.009	0.473
1911	19.10	0.935	1.278	1.335	0.952	0.078	-1.167	-2.488	-3.470	-3.716	-2.996
1921	19.20	-1.380	0.752	2.688	3.772	3.434	1.492	-1.786	-5.738	-9.502	-12.269
1931	19.30	-13.514	-13.117	-11.365	-8.825	-6.164	-3.981	-2.684	-2.438	-3.172	-4.612
1941	19.40	-6.333	-7.836	-8.650	-8.455	-7.201	-5.167	-2.909	-1.098	-0.278	-0.644
1951	19.50	-1.929	-3.481	-4.503	-4.378	-2.963	-0.580	1.910	3.607	3.814	2.312
1961	19.60	-0.589	-4.197	-7.702	-10.438	-12.035	-12.498	-11.689	-10.070	-7.754	-4.965
1971	19.70	-2.093	0.727	2.774	3.772	3.660	2.462	0.837	-0.704	-1.738	-2.163
1981	19.80	-2.220	-2.341	-2.689	-3.917	-5.083	-5.746	-5.230	-3.116	0.551	5.241
1991	19.90	10.104	14.226	16.891	17.727	16.737	14.222	10.475	6.499	2.954	0.105

Table 7-30-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1972 1302-GR-1-28 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -76.334 (GAL) T= 7.99 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-1.261	-0.768	1.611	5.466	9.990	14.165	17.042	18.016	16.990	14.359
2011	20.10	10.829	7.150	3.881	1.277	-0.677	-2.131	-3.213	-3.942	-4.234	-3.989
2021	20.20	-3.186	-1.935	-0.453	1.019	2.303	3.332	4.134	4.767	5.255	5.558
2031	20.30	5.592	5.284	4.626	3.690	2.609	1.526	0.553	-0.242	-0.815	-1.121
2041	20.40	-1.090	-0.688	0.126	1.289	2.666	4.091	5.419	6.574	7.542	8.318
2051	20.50	8.824	8.872	8.186	6.516	3.779	0.179	-3.783	-7.413	-10.027	-11.165
2061	20.60	-10.736	-9.024	-6.570	-3.981	-1.750	-0.160	0.715	0.923	0.542	-0.364
2071	20.70	-1.726	-3.412	-5.142	-6.515	-7.079	-6.477	-4.598	-1.664	1.785	5.013
2081	20.80	7.287	8.081	7.233	5.007	2.040	-0.801	-2.632	-2.779	-0.967	2.574
2091	20.90	7.131	11.652	15.006	16.269	14.982	11.274	5.828	-0.309	-6.017	-10.387
2101	21.00	-12.926	-13.618	-12.840	-11.197	-9.326	-7.744	-6.768	-6.509	-6.912	-7.601
2111	21.10	-8.939	-10.060	-10.916	-11.315	-11.158	-10.459	-9.333	-7.951	-6.490	-5.092
2121	21.20	-3.855	-2.863	-2.226	-2.100	-2.666	-4.054	-6.251	-9.032	-11.959	-14.460
2131	21.30	-15.982	-16.139	-14.829	-12.253	-8.842	-5.132	-1.627	1.300	3.433	4.696
2141	21.40	5.108	4.757	3.799	2.471	1.103	0.087	-0.203	0.483	2.174	4.631
2151	21.50	7.390	9.877	11.572	12.163	11.637	10.280	8.586	7.100	6.252	6.235
2161	21.60	6.957	8.084	9.155	9.733	9.541	8.548	6.973	5.219	3.744	2.919
2171	21.70	2.919	3.663	4.844	6.016	6.720	6.618	5.580	3.720	1.358	-1.070
2181	21.80	-3.124	-4.472	-4.971	-4.679	-3.824	-2.715	-1.639	-0.771	-0.129	0.404
2191	21.90	1.002	1.779	2.698	3.529	3.901	3.618	1.831	-0.834	-4.222	-7.705
2201	22.00	-10.555	-12.154	-12.181	-10.699	-8.120	-5.048	-2.080	0.372	2.169	3.417
2211	22.10	4.352	5.194	6.040	6.840	7.455	7.766	7.764	7.580	7.434	7.517
2221	22.20	7.877	8.352	8.597	8.200	9.842	4.442	1.214	-2.376	-5.743	-8.364
2231	22.30	-9.200	-10.375	-9.946	-9.015	-8.001	-7.253	-6.996	-7.326	-8.230	-9.614
2241	22.40	-11.314	-13.086	-14.619	-15.566	-15.616	-14.599	-12.560	-9.793	-6.781	-4.073
2251	22.50	-2.121	-1.149	-1.097	-1.660	-2.404	-2.916	-2.915	-2.304	-1.146	0.401
2261	22.60	2.155	3.952	5.645	7.090	8.136	8.655	8.593	8.033	7.213	6.486
2271	22.70	6.216	6.648	7.807	9.471	11.241	12.671	13.418	13.346	12.538	11.230
2281	22.80	9.702	8.167	6.725	5.379	4.104	2.914	1.901	1.213	0.993	1.302
2291	22.90	2.070	3.092	4.082	4.740	4.829	4.224	2.932	1.083	-1.084	-3.259
2301	23.00	-5.096	-6.274	-6.562	-5.897	-4.421	-2.480	-0.551	0.874	1.426	0.966
2311	23.10	-0.378	-2.255	-4.193	-5.734	-6.547	-6.490	-5.622	-4.158	-2.405	-0.696
2321	23.20	0.673	1.500	1.717	1.415	0.835	0.318	0.206	0.734	1.924	3.561
2331	23.30	5.236	6.481	6.933	6.469	5.258	3.709	2.320	1.497	1.418	1.970
2341	23.40	2.811	3.494	3.632	3.018	1.675	-0.169	-2.166	-3.953	-5.229	-5.811
2351	23.50	-5.639	-4.761	-3.306	-1.455	0.590	2.614	4.419	5.835	6.732	7.038
2361	23.60	6.755	5.974	4.887	3.781	2.991	2.624	3.450	4.821	6.628	8.355
2371	23.70	9.418	9.352	7.979	5.484	2.365	-0.738	-3.259	-4.897	-5.678	-5.887
2381	23.80	-5.891	-5.947	-6.083	-6.113	-5.773	-4.904	-3.601	-2.233	-1.333	-1.395
2391	23.90	-2.675	-5.077	-8.175	-11.347	-13.960	-15.525	-15.778	-14.671	-12.329	-9.002
2401	24.00	-5.064	-1.020	2.489	4.768	5.213	3.516	-0.170	-5.184	-10.479	-14.887
2411	24.10	-17.458	-17.741	-15.910	-12.685	-9.092	-6.146	-4.564	-4.614	-6.112	-8.549
2421	24.20	-11.280	-13.709	-15.414	-16.209	-16.133	-15.404	-14.339	-13.264	-12.414	-11.859
2431	24.30	-11.470	-10.957	-9.972	-8.251	-5.754	-2.716	0.398	3.044	4.792	5.487
2441	24.40	5.308	4.693	4.171	4.156	4.808	6.002	7.412	8.664	9.483	9.774
2451	24.50	9.615	9.175	8.616	8.034	7.445	6.831	6.194	5.584	5.096	4.819
2461	24.60	4.804	5.069	5.522	6.211	7.155	8.438	10.128	12.204	14.495	16.679
2471	24.70	18.358	19.184	18.975	17.799	15.957	13.896	12.072	10.827	10.302	10.425
2481	24.80	10.951	11.532	11.789	11.386	10.084	7.804	4.674	1.053	-2.495	-5.307
2491	24.90	-6.780	-6.563	-4.704	-1.688	1.661	4.397	5.729	5.260	3.099	-0.182

Table 7-30-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1972 1302-GR-1-28 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -76.334 (GAL) T= 7.99 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-3.741	-6.729	-8.527	-8.803	-7.921	-6.028	-3.690	-1.343	0.705	2.287
2511	25.10	3.328	3.799	3.693	3.045	1.966	0.652	-0.588	-1.512	-1.940	-1.877
2521	25.20	-1.510	-1.142	-1.060	-1.414	-2.140	-2.988	-3.633	-3.829	-3.530	-2.926
2531	25.30	-2.359	-2.168	-2.526	-3.361	-4.282	-4.917	-4.910	-4.182	-2.964	-1.721
2541	25.40	-0.988	-1.081	-2.044	-3.724	-5.387	-7.176	-8.151	-8.403	-8.024	-7.297
2551	25.50	-6.130	-4.891	-3.520	-2.051	-0.605	0.595	1.282	1.273	0.594	-0.167
2561	25.60	-1.434	-1.807	-1.274	0.140	2.059	3.883	5.024	5.134	4.245	2.745
2571	25.70	1.226	0.250	0.155	0.955	2.381	4.015	5.443	6.378	6.689	6.365
2581	25.80	5.457	4.034	2.200	0.130	-1.691	-3.469	-4.287	-4.038	-2.746	-0.713
2591	25.90	1.523	3.342	4.239	3.985	2.681	0.705	-1.438	-3.284	-4.540	-5.121
2601	26.00	-5.117	-4.496	-4.022	-3.210	-2.331	-1.439	-0.598	0.114	0.664	1.002
2611	26.10	1.275	1.601	2.097	2.784	3.541	4.121	4.238	3.687	2.447	0.724
2621	26.20	-1.098	-2.581	-3.373	-3.332	-2.562	-1.367	-0.142	0.762	1.133	0.936
2631	26.30	0.284	-0.425	-1.587	-2.440	-3.080	-3.456	-3.565	-3.339	-2.852	-2.121
2641	26.40	-1.222	-0.263	0.637	1.365	1.645	2.039	1.948	1.601	1.048	0.347
2651	26.50	-0.404	-1.102	-1.631	-1.898	-1.665	-1.568	-1.119	-0.673	-0.372	-0.302
2661	26.60	-0.462	-0.777	-1.144	-1.486	-1.793	-2.119	-2.543	-3.105	-3.756	-4.345
2671	26.70	-4.658	-4.507	-3.810	-2.657	-1.303	-0.105	0.583	0.526	-0.321	-1.790
2681	26.80	-3.551	-5.198	-6.356	-6.764	-6.329	-5.135	-3.405	-1.443	0.442	2.003
2691	26.90	3.112	3.769	4.089	4.243	4.397	4.665	4.988	5.341	5.585	5.629
2701	27.00	5.456	5.132	4.776	4.498	4.354	4.316	4.293	4.181	3.910	3.473
2711	27.10	2.916	2.298	1.658	0.993	0.288	-0.441	-1.108	-1.558	-1.616	-1.184
2721	27.20	-0.319	0.733	1.586	1.837	1.221	-0.277	-2.388	-4.635	-6.481	-7.501
2731	27.30	-7.503	-6.589	-5.002	-3.219	-1.630	-0.549	-0.151	-0.467	-1.400	-2.215
2741	27.40	-4.217	-5.448	-6.248	-6.288	-5.571	-4.261	-2.696	-1.273	-0.315	0.057
2751	27.50	-0.025	-0.228	-0.144	0.534	1.885	3.712	5.605	7.090	7.799	7.614
2761	27.60	6.713	5.521	4.578	4.360	5.120	6.782	8.931	10.899	11.937	11.434
2771	27.70	9.120	5.190	0.297	-4.594	-8.465	-10.560	-10.512	-8.629	-5.593	-2.320
2781	27.80	0.359	1.946	2.377	1.962	1.199	0.551	0.286	0.437	0.868	1.406
2791	27.90	1.955	2.542	3.267	4.220	5.396	6.665	7.815	8.633	8.979	8.619
2801	28.00	8.199	7.194	5.857	4.219	2.331	0.316	-1.596	-3.105	-3.930	-3.936
2811	28.10	-3.220	-2.725	-1.154	-0.820	-1.475	-3.191	-5.726	-8.583	-11.148	-12.833
2821	28.20	-13.214	-12.117	-9.651	-6.193	-2.523	1.276	3.957	5.238	4.980	3.345
2831	28.30	0.856	-1.782	-3.877	-4.950	-4.873	-3.876	-2.449	-1.144	-0.387	-0.352
2841	28.40	-0.944	-1.893	-2.895	-3.743	-4.389	-4.915	-5.446	-6.047	-6.673	-7.173
2851	28.50	-7.360	-7.103	-6.388	-5.324	-4.096	-2.887	-1.813	-0.707	-0.144	0.500
2861	28.60	1.001	1.281	1.255	0.897	0.301	-0.314	-0.644	-0.508	0.234	1.420
2871	28.70	2.716	3.700	4.032	3.585	2.512	1.215	0.166	0.233	0.974	1.917
2881	28.80	2.684	4.334	5.192	5.838	5.684	5.097	4.300	3.480	2.740	2.103
2891	28.90	1.566	1.152	0.928	0.987	1.392	2.124	3.059	3.988	4.680	4.953
2901	29.00	4.726	4.033	2.999	1.799	0.611	-0.405	-1.116	-1.413	-1.218	-0.507
2911	29.10	0.670	2.165	3.746	5.139	6.089	6.427	6.119	5.264	4.068	2.782
2921	29.20	1.641	0.817	0.392	0.359	0.639	1.110	1.633	2.094	2.426	2.627
2931	29.30	2.754	2.889	3.099	3.381	3.640	3.712	3.415	2.536	1.397	-0.118
2941	29.40	-1.604	-2.733	-3.262	-3.128	-2.475	-1.604	-0.876	-0.582	-0.862	-1.667
2951	29.50	-2.793	-3.956	-4.883	-5.378	-5.363	-4.875	-4.047	-3.079	-2.200	-1.631
2961	29.60	-1.539	-1.990	-2.915	-4.110	-5.268	-6.067	-6.268	-5.806	-4.824	-3.669
2971	29.70	-2.693	-2.325	-2.761	-3.993	-5.808	-7.853	-9.751	-11.196	-12.020	-12.201
2981	29.80	-11.627	-11.016	-10.009	-8.846	-7.662	-6.542	-5.571	-4.826	-4.363	-4.198
2991	29.90	-4.285	-4.509	-4.707	-4.692	-4.302	-3.436	-2.092	-0.376	1.506	3.286

Table 7-30-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1972 1302-GR-1-28 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -76.534 (GAL) T= 7.99 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	4.687	5.491	5.602	5.081	4.146	3.120	2.352	2.116	2.536	3.545
3011	30.10	4.914	6.326	7.477	8.173	8.380	8.220	7.916	7.695	7.730	8.063
3021	30.20	8.619	9.242	9.753	10.019	9.962	9.666	9.155	8.551	7.932	7.331
3031	30.30	6.729	6.066	5.273	4.296	3.127	1.812	0.454	-0.809	-1.832	-2.496
3041	30.40	-2.725	-2.522	-1.961	-1.084	-0.075	0.967	1.945	2.785	3.468	3.920
3051	30.50	4.216	4.381	4.475	4.567	4.713	4.933	5.206	5.470	5.674	5.757
3061	30.60	5.725	5.626	5.515	5.462	5.410	5.262	4.855	4.034	2.722	0.976
3071	30.70	-1.005	-2.922	-4.462	-5.386	-5.600	-5.169	-4.295	-3.251	-2.311	-1.695
3081	30.80	-1.536	-1.867	-2.627	-3.672	-4.796	-5.765	-6.307	-6.470	-6.073	-5.321
3091	30.90	-4.472	-3.818	-3.585	-3.847	-4.494	-5.272	-5.875	-6.063	-5.747	-5.011
3101	31.00	-4.065	-3.152	-2.445	-1.989	-1.706	-1.449	-1.082	-0.547	0.118	0.804
3111	31.10	1.397	1.837	2.098	2.277	2.445	2.656	2.899	3.107	3.185	3.061
3121	31.20	2.717	2.199	1.593	0.986	0.422	-0.123	-0.733	-1.520	-2.565	-3.867
3131	31.30	-5.320	-6.716	-7.799	-8.345	-8.239	-7.536	-6.455	-5.326	-4.477	-4.134
3141	31.40	-4.327	-4.883	-5.488	-5.805	-5.602	-4.834	-3.658	-2.357	-1.221	-0.434
3151	31.50	-0.013	0.182	0.366	0.719	1.307	2.049	2.761	3.231	3.314	2.981
3161	31.60	2.332	1.556	0.874	0.483	0.508	0.982	1.836	2.899	3.919	4.606
3171	31.70	4.687	4.018	2.627	0.758	-1.184	-2.740	-3.556	-3.504	-2.740	-1.653
3181	31.80	-0.728	-0.367	-0.756	-1.612	-3.231	-4.624	-5.654	-6.140	-6.083	-5.621
3191	31.90	-4.947	-4.262	-3.641	-3.233	-3.081	-3.221	-3.639	-4.238	-4.819	-5.120
3201	32.00	-4.897	-4.033	-2.625	-0.980	0.471	1.333	1.408	0.785	-0.177	-0.993
3211	32.10	-1.238	-0.725	0.428	1.650	3.072	3.720	3.653	3.008	2.124	1.397
3221	32.20	1.132	1.436	2.208	3.199	4.113	4.708	4.853	4.539	3.857	2.957
3231	32.30	2.017	1.218	0.722	0.652	1.056	1.664	2.898	3.874	4.478	4.455
3241	32.40	3.708	2.367	0.687	-0.836	-1.794	-1.905	-1.136	0.271	1.870	3.141
3251	32.50	3.661	3.239	1.977	0.241	-1.461	-2.639	-2.960	-2.339	-0.928	0.960
3261	32.60	2.970	4.812	6.320	7.447	8.217	8.657	8.759	8.483	7.799	6.737
3271	32.70	5.425	4.080	2.954	2.259	2.098	2.429	3.084	3.825	4.420	4.709
3281	32.80	6.640	4.267	3.714	3.124	2.616	2.245	2.001	1.817	1.602	1.278
3291	32.90	0.816	0.244	-0.354	-0.678	-1.256	-1.485	-1.638	-1.842	-2.210	-2.780
3301	33.00	-3.463	-4.050	-4.281	-3.942	-2.968	-1.692	0.174	1.638	2.563	2.782
3311	33.10	2.357	1.545	0.705	0.168	0.133	0.622	1.500	2.554	3.566	4.384
3321	33.20	4.934	5.216	5.262	5.119	4.831	4.444	4.005	3.561	3.145	2.767
3331	33.30	2.410	2.047	1.665	1.277	0.924	0.640	0.411	0.148	-0.306	-1.120
3341	33.40	-2.389	-4.054	-5.877	-7.487	-8.496	-8.643	-7.918	-6.585	-5.114	-4.023
3351	33.50	-3.693	-4.226	-5.411	-6.794	-7.847	-8.147	-7.524	-6.098	-4.233	-2.397
3361	33.60	-1.017	-0.360	-0.478	-1.229	-2.345	-3.516	-4.461	-4.973	-4.946	-4.371
3371	33.70	-3.362	-2.037	-0.697	0.415	1.073	1.144	0.633	-0.318	-1.472	-2.572
3381	33.80	-3.420	-3.935	-4.165	-4.239	-4.305	-4.449	-4.661	-4.842	-4.854	-4.592
3391	33.90	-4.040	-3.288	-2.509	-1.895	-1.589	-1.632	-1.953	-2.391	-2.748	-2.849
3401	34.00	-2.589	-1.954	-1.022	0.059	1.109	1.947	2.435	2.496	2.137	1.444
3411	34.10	0.567	-0.312	-1.017	-1.414	-1.433	-1.076	-0.612	0.451	1.381	2.251
3421	34.20	2.951	3.409	3.594	3.527	3.272	2.924	2.585	2.332	2.199	2.169
3431	34.30	2.189	2.194	2.140	2.020	1.864	1.725	1.655	1.686	1.831	2.088
3441	34.40	2.469	2.900	3.407	3.901	4.266	4.363	4.075	3.369	2.341	1.215
3451	34.50	0.290	-0.165	-0.014	0.672	1.632	2.498	2.936	2.776	2.078	1.108
3461	34.60	0.232	-0.230	-0.123	0.496	1.397	2.279	2.888	3.093	2.904	2.426
3471	34.70	1.794	1.114	0.447	-0.168	-0.677	-0.987	-0.985	-0.584	0.214	1.288
3481	34.80	2.410	3.305	3.744	3.619	2.975	1.986	0.891	-0.083	-0.783	-1.149
3491	34.90	-1.195	-0.978	-0.567	-0.034	0.538	1.049	1.380	1.418	1.098	0.429

Table 7-30-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1972 1302-GR-1-28 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -76.334 (GAL) T= 7.99 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.493	-1.516	-2.481	-3.282	-3.901	-4.396	-4.852	-5.368	-5.910	-6.400
3511	35.10	-6.698	-6.882	-6.305	-5.634	-4.837	-4.129	-3.690	-3.608	-3.844	-4.251
3521	35.20	-4.630	-4.795	-4.628	-4.109	-3.303	-2.330	-1.325	-0.411	0.326	0.830
3531	35.30	1.085	1.104	0.936	0.664	0.399	0.255	0.320	0.623	1.113	1.660
3541	35.40	2.092	2.265	2.019	1.422	0.578	-0.305	-0.893	-1.302	-1.154	-0.807
3551	35.50	0.171	0.950	1.517	1.743	1.610	1.209	0.688	0.189	-0.205	-0.500
3561	35.60	-0.762	-1.077	-1.485	-1.943	-2.337	-2.522	-2.402	-1.995	-1.457	-1.068
3571	35.70	-1.046	-1.636	-2.824	-4.407	-6.021	-7.252	-7.765	-7.416	-6.299	-4.707
3581	35.80	-3.037	-1.662	-0.820	-0.558	-0.744	-1.121	-1.408	-1.380	-0.926	-0.068
3591	35.90	1.068	2.292	3.411	4.275	4.811	5.025	4.993	4.820	4.602	4.391
3601	36.00	4.181	3.927	3.577	3.119	2.610	2.175	1.966	2.097	2.584	3.318
3611	36.10	4.081	4.614	4.508	4.270	3.958	3.551	3.081	2.245	1.099	0.661
3621	36.20	-1.887	-1.868	-1.596	-1.064	-0.284	0.675	1.666	2.483	2.933	2.905
3631	36.30	2.440	1.730	1.065	0.737	0.939	1.699	2.884	4.248	5.523	6.505
3641	36.40	7.100	7.336	7.321	7.222	7.196	7.371	7.826	8.574	9.549	10.613
3651	36.50	11.568	12.202	12.358	11.988	11.199	10.230	9.387	8.944	9.043	9.642
3661	36.60	10.529	11.399	11.960	12.033	11.603	10.802	9.847	8.950	8.245	7.751
3671	36.70	7.380	6.978	6.349	5.426	4.681	3.989	3.396	1.638	3.484	4.888
3681	36.80	-5.653	-5.698	-5.099	-4.093	-3.026	-2.268	-2.113	-2.703	-2.994	-3.789
3691	36.90	-7.802	-9.766	-11.400	-12.638	-13.423	-13.775	-13.747	-13.410	-12.854	-12.202
3701	37.00	-11.610	-11.236	-11.204	-11.559	-12.236	-13.081	-13.892	-14.485	-14.760	-14.718
3711	37.10	-14.456	-14.101	-13.774	-13.532	-13.365	-13.227	-13.070	-12.883	-12.695	-12.554
3721	37.20	-12.481	-12.443	-12.361	-12.043	-11.437	-10.489	-9.269	-7.941	-6.710	-5.753
3731	37.30	-5.159	-4.903	-4.869	-4.895	-4.838	-4.609	-4.188	-3.596	-2.862	-1.996
3741	37.40	-0.983	0.196	1.534	2.948	4.380	5.634	6.618	7.273	7.632	7.797
3751	37.50	7.907	8.096	8.453	9.008	9.744	10.603	11.508	12.362	13.057	13.471
3761	37.60	13.497	13.070	12.205	11.020	9.721	8.558	7.747	7.402	7.493	7.869
3771	37.70	8.212	8.316	7.988	7.094	5.755	4.112	2.385	0.793	-0.477	-1.302
3781	37.80	-1.628	-1.485	-0.983	-0.307	0.311	0.637	0.497	-0.171	-1.292	-2.665
3791	37.90	-4.028	-5.134	-5.827	-6.085	-6.012	-5.785	-5.587	-5.541	-5.684	-5.969
3801	38.00	-6.303	-6.594	-6.782	-6.853	-6.828	-6.761	-6.622	-6.491	-6.356	-6.218
3811	38.10	-6.074	-5.910	-5.694	-5.377	-4.907	-4.253	-3.468	-2.512	-1.631	-0.932
3821	38.20	-0.528	-0.453	-0.642	-0.939	-1.149	-1.097	-0.690	0.053	1.008	1.984
3831	38.30	2.785	3.245	3.360	3.104	2.602	1.992	1.452	1.018	0.821	0.853
3841	38.40	1.087	1.467	1.924	2.396	2.835	3.222	3.562	3.878	4.195	4.530
3851	38.50	4.882	5.236	5.572	5.885	6.186	6.503	6.855	7.237	7.596	7.840
3861	38.60	7.868	7.612	7.078	6.366	5.644	5.099	4.862	4.957	5.280	5.632
3871	38.70	5.793	5.805	5.024	4.116	3.162	2.300	1.747	1.606	1.880	2.492
3881	38.80	3.322	4.037	5.103	5.795	6.199	6.230	5.862	5.159	4.282	3.466
3891	38.90	2.948	2.891	3.311	4.060	4.865	5.428	5.526	5.096	4.249	3.214
3901	39.00	2.241	1.503	1.036	0.750	0.488	0.118	-0.396	-0.977	-1.469	-1.716
3911	39.10	-1.639	-1.275	-0.777	-0.355	-0.209	-0.457	-1.114	-2.091	-3.235	-4.372
3921	39.20	-5.348	-6.045	-6.395	-6.384	-6.049	-5.483	-4.821	-4.217	-3.806	-3.665
3931	39.30	-3.787	-4.085	-4.431	-4.707	-4.864	-4.961	-5.052	-5.325	-5.836	-6.558
3941	39.40	-7.357	-8.029	-8.385	-8.317	-7.866	-7.100	-6.262	-5.484	-4.829	-4.260
3951	39.50	-3.682	-3.015	-2.257	-1.513	-0.962	-0.777	-1.037	-1.673	-2.475	-3.159
3961	39.60	-3.475	-3.297	-2.669	-1.775	-0.863	-0.142	0.293	0.475	0.531	0.608
3971	39.70	0.797	1.101	1.444	1.719	1.847	1.812	1.661	1.473	1.312	1.196
3981	39.80	1.095	0.958	0.761	0.442	0.096	-0.241	-0.528	-0.752	-0.934	-1.098
3991	39.90	-1.248	-1.349	-1.340	-1.169	-0.828	-0.377	0.069	0.380	0.468	0.325

Table 7-30-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1972 1302-GR-1-28 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -76.334 (GAL) T= 7.99 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.018	-0.341	-0.657	-0.897	-1.100	-1.360	-1.668	-2.054	-2.378	-2.473
4011	40.10	-2.206	-1.559	-0.667	0.217	0.818	0.961	0.659	0.123	-0.316	-0.347
4021	40.20	0.190	1.226	2.485	3.600	4.255	4.307	3.828	3.053	2.266	1.686
4031	40.30	1.383	1.299	1.312	1.324	1.320	1.357	1.510	1.784	2.071	2.173
4041	40.40	1.882	1.095	-0.103	-1.435	-2.515	-2.991	-2.684	-1.672	-0.271	1.071
4051	40.50	1.930	2.045	1.396	0.176	-1.272	-2.595	-3.527	-3.946	-3.875	-3.440
4061	40.60	-2.810	-2.141	-1.539	-1.058	-0.698	-0.431	-0.219	-0.039	0.112	0.210
4071	40.70	0.226	0.144	-0.006	-0.161	-0.144	0.101	0.645	1.437	2.315	3.049
4081	40.80	3.424	3.320	2.777	1.986	1.225	0.756	0.727	1.118	1.763	2.422
4091	40.90	2.881	3.031	2.891	2.578	2.235	1.960	1.774	1.629	1.460	1.234
4101	41.00	0.987	0.805	0.777	0.947	1.268	1.613	1.820	1.755	1.371	0.728
4111	41.10	-0.027	-0.717	-1.196	-1.390	-1.321	-1.073	-0.752	-0.446	-0.197	-0.007
4121	41.20	0.142	0.264	0.366	0.351	0.238	-0.013	-0.380	-0.790	-1.138	-1.318
4131	41.30	-1.259	-0.951	-0.451	0.134	0.679	1.074	1.251	1.191	0.915	0.471
4141	41.40	-0.083	-0.684	-1.269	-1.769	-2.115	-2.253	-2.166	-1.892	-1.525	-1.205
4151	41.50	-1.078	-1.250	-1.753	-2.532	-3.449	-4.329	-4.996	-5.318	-5.225	-4.714
4161	41.60	-3.837	-2.607	-1.383	-0.062	1.137	2.085	2.690	2.914	2.796	2.443
4171	41.70	2.010	1.664	1.540	1.708	2.159	2.816	3.559	4.261	4.816	5.165
4181	41.80	5.300	5.257	5.107	4.927	4.780	4.699	4.676	4.675	4.642	4.536
4191	41.90	4.347	4.101	3.851	3.650	3.523	3.455	3.393	3.278	3.080	2.822
4201	42.00	2.583	2.469	2.567	2.897	3.386	3.883	4.199	4.170	3.709	2.839
4211	42.10	1.684	0.437	-0.699	-1.555	-2.041	-2.160	-2.004	-1.732	-1.535	-1.589
4221	42.20	-2.017	-2.854	-4.028	-5.360	-6.696	-7.766	-8.437	-8.648	-8.435	-7.911
4231	42.30	-7.221	-6.504	-5.872	-5.398	-5.125	-5.074	-5.242	-5.591	-6.045	-6.486
4241	42.40	-6.780	-6.819	-6.555	-6.027	-5.345	-4.654	-4.081	-3.689	-3.471	-3.370
4251	42.50	-3.319	-3.281	-3.257	-3.267	-3.310	-3.328	-3.202	-2.796	-2.013	-0.868
4261	42.60	0.492	1.815	2.822	3.310	3.225	2.692	1.970	1.358	1.091	1.261
4271	42.70	1.796	2.501	3.135	3.504	3.516	3.200	2.673	2.087	1.564	1.165
4281	42.80	0.878	0.644	0.393	0.080	-0.295	-0.691	-1.043	-1.294	-1.419	-1.435
4291	42.90	-1.390	-1.342	-1.329	-1.352	-1.375	-1.344	-1.216	-0.988	-0.701	-0.425
4301	43.00	-0.223	-0.113	-0.045	0.085	0.392	0.947	1.727	2.606	3.386	3.869
4311	43.10	3.932	3.581	2.955	2.275	1.765	1.571	1.721	2.126	2.639	3.118
4321	43.20	3.487	3.749	3.963	4.187	4.435	4.656	4.756	4.643	4.282	3.724
4331	43.30	3.090	2.536	2.191	2.121	2.306	2.669	3.110	3.540	3.902	4.163
4341	43.40	4.300	4.286	4.090	3.700	3.142	2.495	1.879	1.416	1.190	1.207
4351	43.50	1.401	1.656	1.862	1.947	1.905	1.772	1.593	1.380	1.102	0.707
4361	43.60	0.161	-0.505	-1.181	-1.709	-1.946	-1.832	-1.433	-0.934	-0.573	-0.555
4371	43.70	-0.969	-1.753	-2.723	-3.640	-4.300	-4.599	-4.547	-4.244	-3.823	-3.395
4381	43.80	-3.021	-2.724	-2.506	-2.382	-2.383	-2.539	-2.851	-3.266	-3.679	-3.961
4391	43.90	-4.007	-3.775	-3.308	-2.720	-2.155	-1.744	-1.562	-1.619	-1.862	-2.203
4401	44.00	-2.541	-2.780	-2.846	-2.695	-2.321	-1.765	-1.116	-0.499	-0.042	0.157
4411	44.10	0.069	-0.256	-0.699	-1.111	-1.360	-1.369	-1.127	-0.682	-0.110	0.510
4421	44.20	1.105	1.612	1.967	2.101	1.961	1.537	0.886	0.142	-0.516	-0.915
4431	44.30	-0.958	-0.669	-0.188	0.273	0.506	0.389	-0.083	-0.802	-1.608	-2.357
4441	44.40	-2.972	-3.453	-3.839	-4.156	-4.373	-4.403	-4.143	-3.541	-2.651	-1.644
4451	44.50	-0.762	-0.232	-0.174	-0.545	-1.145	-1.686	-1.894	-1.607	-0.828	0.285
4461	44.60	1.475	2.479	3.104	3.277	3.048	2.566	2.031	1.648	1.579	1.917
4471	44.70	2.663	3.714	4.679	5.912	6.574	6.698	6.252	5.355	4.254	3.250
4481	44.80	2.608	2.471	2.829	3.529	4.342	5.044	5.480	5.595	5.418	5.023
4491	44.90	4.485	3.852	3.149	2.398	1.635	0.921	0.322	-0.109	-0.354	-0.436

Table 7-30-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1972 1302-GR-1-28 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -76.334 (GAL) T= 7.99 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.404	-0.305	-0.170	-0.010	0.158	0.297	0.331	0.165	-0.275	-0.1994
4511	45.10	-1.902	-2.818	-3.531	-3.867	-3.764	-3.299	-2.658	-2.074	-1.734	-1.1721
4521	45.20	-1.991	-2.410	-2.821	-3.104	-3.217	-3.191	-3.098	-3.003	-2.934	-2.1883
4531	45.30	-2.816	-2.710	-2.562	-2.391	-2.222	-2.057	-1.876	-1.651	-1.355	-1.1002
4541	45.40	-0.642	-0.349	-0.186	-0.173	-0.271	-0.397	-0.456	-0.378	-0.148	0.1202
4551	45.50	0.605	1.001	1.358	1.673	1.963	2.232	2.457	2.590	2.578	2.1397
4561	45.60	2.073	1.684	1.343	1.154	1.176	1.407	1.783	2.209	2.592	2.1868
4571	45.70	3.012	3.032	2.948	2.781	2.566	2.255	1.927	1.598	1.317	1.1137
4581	45.80	1.098	1.211	1.436	1.794	2.160	2.493	2.742	2.866	2.845	2.1674
4591	45.90	2.368	1.961	1.502	1.047	0.641	0.310	0.046	-0.182	-0.423	-0.1717
4601	46.06	-1.086	-1.519	-1.985	-2.439	-2.842	-3.172	-3.419	-3.584	-3.663	-3.1651
4611	46.10	-3.542	-3.340	-3.067	-2.769	-2.502	-2.317	-2.262	-2.274	-2.383	-2.1527
4621	46.20	-2.675	-2.815	-2.959	-3.124	-3.321	-3.539	-3.750	-3.924	-4.043	-4.1116
4631	46.30	-4.175	-4.255	-4.376	-4.523	-4.651	-4.703	-4.635	-4.441	-4.150	-3.1816
4641	46.40	-3.479	-3.154	-2.818	-2.436	-1.993	-1.518	-1.091	-0.812	-0.761	-0.1947
4651	46.50	-1.293	-1.660	-1.895	-1.893	-1.643	-1.222	-0.738	-0.367	-0.106	0.1050
4661	46.60	0.176	0.348	0.590	0.851	1.036	1.052	0.872	0.565	0.274	0.1163
4671	46.70	0.340	0.813	1.179	2.171	2.730	3.071	3.212	3.248	3.303	3.1458
4681	46.80	3.717	4.008	4.224	4.275	4.128	3.819	3.436	3.038	2.694	2.1420
4691	46.90	2.198	2.024	1.918	1.929	2.107	2.469	2.969	3.498	3.909	4.071
4701	47.00	3.913	3.457	2.802	2.094	1.474	1.032	0.790	0.707	0.713	0.736
4711	47.10	0.732	0.690	0.623	0.552	0.495	0.454	0.425	0.399	0.379	0.375
4721	47.20	0.404	0.478	0.601	0.761	0.933	1.090	1.212	1.289	1.329	1.355
4731	47.30	1.390	1.459	1.574	1.736	1.933	2.147	2.358	2.545	2.690	2.769
4741	47.40	2.758	2.632	2.374	1.987	1.503	0.987	0.529	0.219	0.127	0.276
4751	47.50	0.631	1.190	1.617	2.015	2.223	2.193	1.931	1.612	1.315	1.120
4761	47.60	-0.556	-1.115	-1.666	-1.539	-1.312	-0.831	-0.217	0.357	0.707	0.698
4771	47.70	0.296	-0.412	-1.233	-1.927	-2.289	-2.214	-1.739	-1.029	-0.315	0.178
4781	47.80	0.310	0.061	-0.472	-1.122	-1.710	-2.106	-2.250	-2.160	-1.902	-1.559
4791	47.90	-1.212	-0.926	-0.753	-0.730	-0.880	-1.196	-1.636	-2.116	-2.530	-2.780
4801	48.00	-2.806	-2.609	-2.253	-1.841	-1.472	-1.209	-1.059	-0.983	-0.921	-0.826
4811	48.10	-0.687	-0.532	-0.388	-0.310	-0.312	-0.396	-0.554	-0.788	-1.117	-1.554
4821	48.20	-2.089	-2.369	-3.193	-3.538	-3.608	-3.381	-2.939	-2.445	-2.098	-1.658
4831	48.30	-2.381	-2.994	-3.722	-4.353	-4.711	-4.720	-4.421	-3.940	-3.434	-3.018
4841	48.40	-2.730	-2.528	-2.318	-2.011	-1.566	-1.018	-0.466	-0.039	0.152	0.056
4851	48.50	-0.297	-0.800	-1.298	-1.637	-1.703	-1.460	-0.952	-0.290	0.389	0.963
4861	48.60	1.365	1.589	1.685	1.724	1.766	1.826	1.892	1.929	1.917	1.869
4871	48.70	1.838	1.891	2.070	2.366	2.705	2.979	3.080	2.955	2.628	2.185
4881	48.80	1.742	1.398	1.158	1.013	0.885	0.721	0.525	0.365	0.346	0.352
4891	48.90	0.997	1.596	2.186	2.590	2.689	2.475	2.084	1.653	1.449	1.585
4901	49.00	2.071	2.797	3.371	4.197	4.536	4.547	4.285	3.865	3.409	3.005
4911	49.10	2.683	2.425	2.184	1.922	1.622	1.297	0.979	0.696	0.464	0.275
4921	49.20	0.102	-0.089	-0.328	-0.620	-0.964	-1.330	-1.681	-1.976	-2.176	-2.255
4931	49.30	-2.198	-2.013	-1.725	-1.380	-1.039	-0.772	-0.842	-0.693	-0.961	-1.365
4941	49.40	-1.908	-2.487	-3.008	-3.387	-3.564	-3.526	-3.306	-2.980	-2.653	-2.433
4951	49.50	-2.406	-2.614	-3.045	-3.635	-4.282	-4.876	-5.319	-5.549	-5.545	-5.324
4961	49.60	-4.931	-4.421	-3.846	-3.253	-2.678	-2.151	-1.693	-1.315	-1.006	-0.740
4971	49.70	-0.457	-0.100	0.385	1.019	1.780	2.598	3.372	3.996	4.384	4.496
4981	49.80	4.349	4.006	3.559	3.098	2.693	2.375	2.138	1.947	1.760	1.541
4991	49.90	1.276	0.974	0.663	0.376	0.144	-0.012	-0.083	-0.068	0.030	0.205

Table 7-30-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1972 1302-GR-1-28 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -76.334 (GAL) T= 7.99 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.447	0.737	1.016	1.333	1.563	1.719	1.814	1.897	2.035	2.290
5011	50.10	2.680	3.161	3.630	3.949	3.995	3.714	3.144	2.418	1.721	1.229
5021	50.20	1.052	1.201	1.599	2.118	2.636	3.078	3.430	3.714	3.952	4.130
5031	50.30	4.193	4.066	3.705	3.142	2.496	1.954	1.698	1.841	2.366	3.119
5041	50.40	3.857	4.325	4.344	3.878	3.038	2.065	1.154	0.574	0.408	0.631
5051	50.50	1.112	1.660	2.083	2.233	2.039	1.511	0.728	-0.186	-1.093	-1.868
5061	50.60	-2.425	-2.731	-2.807	-2.720	-2.556	-2.403	-2.320	-2.337	-2.445	-2.618
5071	50.70	-2.821	-3.027	-3.219	-3.392	-3.563	-3.673	-3.702	-3.875	-3.961	-4.055
5081	50.80	-4.166	-4.297	-4.438	-4.567	-4.668	-4.735	-4.785	-4.851	-4.963	-5.134
5091	50.90	-5.342	-5.533	-5.636	-5.595	-5.394	-5.060	-4.661	-4.269	-3.932	-3.656
5101	51.00	-3.405	-3.126	-2.780	-2.364	-1.911	-1.473	-1.086	-0.747	-0.412	-0.022
5111	51.10	0.462	1.023	1.576	1.997	2.166	2.020	1.594	1.010	0.444	0.072
5121	51.20	0.008	0.277	0.816	1.503	2.193	2.758	3.103	3.175	2.960	2.480
5131	51.30	1.800	1.022	0.281	-0.285	-0.570	-0.537	-0.237	0.201	0.609	0.833
5141	51.40	0.786	0.467	-0.011	-0.617	-1.140	-1.530	-1.736	-1.631	-1.281	-0.828
5151	51.50	-1.385	-1.060	-0.679	-0.291	0.031	0.214	0.211	0.021	-0.305	-0.674
5161	51.60	-0.984	-1.169	-1.121	-0.901	-0.535	-0.100	0.309	0.600	0.696	0.560
5171	51.70	0.205	-0.299	-0.836	-1.270	-1.488	-1.435	-1.135	-0.678	-0.191	0.213
5181	51.80	0.475	0.602	0.655	0.712	0.823	0.996	1.192	1.358	1.465	1.523
5191	51.90	1.583	1.703	1.910	2.172	2.403	2.492	2.356	1.988	1.469	0.947
5201	52.00	0.587	0.506	0.734	1.206	1.784	2.331	2.743	2.991	3.118	3.206
5211	52.10	3.336	3.546	3.822	4.105	4.320	4.403	4.328	4.112	3.800	3.451
5221	52.20	3.118	2.837	2.619	2.462	2.347	2.252	2.156	2.039	1.886	1.694
5231	52.30	1.469	1.227	0.991	0.780	0.603	0.453	0.308	0.140	-0.079	-0.362
5241	52.40	-0.700	-1.066	-1.414	-1.702	-1.898	-1.995	-2.014	-1.997	-1.995	-2.051
5251	52.50	-2.188	-2.396	-2.635	-2.850	-2.985	-3.004	-2.900	-2.699	-2.447	-2.194
5261	52.60	-1.977	-1.807	-1.671	-1.537	-1.379	-1.180	-0.946	-0.701	-0.475	-0.280
5271	52.70	-0.159	-0.046	0.038	0.122	0.210	0.298	0.374	0.439	0.459	0.471
5281	52.80	0.473	0.471	0.458	0.421	0.349	0.236	0.095	-0.053	-0.185	-0.289
5291	52.90	-0.374	-0.465	-0.590	-0.765	-0.978	-1.188	-1.361	-1.390	-1.317	-1.142
5301	53.00	-0.920	-0.715	-0.527	-0.525	-0.541	-0.583	-0.608	-0.587	-0.516	-0.412
5311	53.10	-0.294	-0.176	-0.056	0.079	0.241	0.426	0.612	0.763	0.843	0.834
5321	53.20	0.740	0.588	0.418	0.265	0.165	0.060	-0.005	-0.069	-0.140	-0.219
5331	53.30	-0.298	-0.369	-0.410	-0.487	-0.551	-0.630	-0.718	-0.798	-0.837	-0.811
5341	53.40	-0.705	-0.528	-0.309	-0.092	0.081	0.184	0.223	0.226	0.235	0.289
5351	53.50	0.397	0.539	0.664	0.710	0.630	0.409	0.076	-0.309	-0.673	-0.957
5361	53.60	-1.124	-1.167	-1.095	-0.918	-0.643	-0.280	0.145	0.569	0.897	1.022
5371	53.70	0.865	0.419	-0.227	-0.905	-1.413	-1.590	-1.374	-0.835	-0.148	0.471
5381	53.80	0.842	0.885	0.637	0.226	-0.198	-0.521	-0.708	-0.796	-0.860	-0.963
5391	53.90	-1.117	-1.281	-1.384	-1.365	-1.205	-0.935	-0.624	-0.364	-0.141	-0.024
5401	54.00	0.030	0.059	0.093	0.149	0.230	0.335	0.465	0.622	0.794	0.954
5411	54.10	1.061	1.070	0.963	0.764	0.539	0.377	0.353	0.500	0.769	1.140
5421	54.20	1.461	1.684	1.796	1.828	1.856	1.937	2.089	2.281	2.444	2.510
5431	54.30	2.461	2.246	1.977	1.701	1.467	1.290	1.150	1.001	0.806	0.548
5441	54.40	0.238	-0.094	-0.419	-0.721	-1.002	-1.276	-1.556	-1.843	-2.120	-2.365
5451	54.50	-2.556	-2.686	-2.762	-2.799	-2.809	-2.792	-2.737	-2.626	-2.450	-2.219
5461	54.60	-1.959	-1.706	-1.489	-1.313	-1.157	-0.984	-0.757	-0.466	-0.142	0.148
5471	54.70	0.318	0.297	0.060	-0.356	-0.853	-1.303	-1.581	-1.611	-1.383	-0.958
5481	54.80	-0.448	0.024	0.350	0.472	0.386	0.137	-0.200	-0.537	-0.794	-0.915
5491	54.90	-0.874	-0.680	-0.374	-0.020	0.311	0.563	0.709	0.766	0.784	0.827

Table 7-30-12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1972 1302-GR-1-28 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -76.334 (GAL) T= 7.99 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.951	1.176	1.482	1.809	2.091	2.274	2.336	2.291	2.171	2.006
5511	55.10	1.806	1.561	1.256	0.879	0.460	0.052	-0.276	-0.467	-0.491	-0.362
5521	55.20	-0.119	0.185	0.505	0.813	1.086	1.300	1.414	1.383	1.176	0.806
5531	55.30	0.345	-0.087	-0.353	-0.353	-0.064	0.446	1.042	1.574	1.937	2.112
5541	55.40	2.165	2.208	2.344	2.615	2.979	3.331	3.555	3.571	3.377	3.042
5551	55.50	2.680	2.392	2.232	2.188	2.198	2.184	2.089	1.901	1.651	1.394
5561	55.60	1.174	1.009	0.882	0.753	0.583	0.351	0.070	-0.225	-0.482	-0.659
5571	55.70	-0.736	-0.724	-0.661	-0.601	-0.596	-0.681	-0.863	-1.119	-1.403	-1.660
5581	55.80	-1.850	-1.957	-1.999	-2.018	-2.046	-2.178	-2.361	-2.586	-2.804	-2.967
5591	55.90	-3.051	-3.088	-3.062	-3.087	-3.185	-3.359	-3.574	-3.784	-3.867	-3.843
5601	56.00	-3.696	-3.468	-3.225	-3.025	-2.900	-2.848	-2.839	-2.832	-2.798	-2.724
5611	56.10	-2.621	-2.508	-2.400	-2.305	-2.218	-2.130	-2.037	-1.945	-1.867	-1.812
5621	56.20	-1.781	-1.760	-1.722	-1.639	-1.496	-1.293	-1.051	-0.802	-0.572	-0.375
5631	56.30	-0.209	-0.055	0.107	0.288	0.489	0.696	0.894	1.072	1.230	1.361
5641	56.40	1.543	1.726	1.931	2.146	2.348	2.517	2.642	2.724	2.778	2.822
5651	56.50	2.869	2.920	2.965	2.986	2.967	2.901	2.778	2.678	2.569	2.493
5661	56.60	2.460	2.461	2.472	2.465	2.414	2.312	2.167	2.007	1.863	1.758
5671	56.70	1.703	1.683	1.672	1.641	1.569	1.452	1.300	1.130	0.955	0.771
5681	56.80	0.560	0.299	-0.023	-0.395	-0.778	-1.112	-1.339	-1.421	-1.359	-1.188
5691	56.90	-0.969	-0.761	-0.601	-0.495	-0.422	-0.349	-0.255	-0.139	-0.021	0.070
5701	57.00	0.121	0.136	0.166	0.188	0.292	0.458	0.661	0.860	1.021	1.132
5711	57.10	1.209	1.281	1.372	1.474	1.544	1.513	1.325	0.964	0.476	-0.028
5721	57.20	-0.413	-0.555	-0.395	0.041	0.650	1.284	1.799	2.096	2.151	2.003
5731	57.30	1.732	1.423	1.134	0.886	0.665	0.443	0.198	-0.076	-0.364	-0.638
5741	57.40	-0.877	-1.071	-1.229	-1.369	-1.511	-1.668	-1.836	-2.000	-2.140	-2.241
5751	57.50	-2.300	-2.327	-2.346	-2.384	-2.462	-2.591	-2.765	-2.963	-3.154	-3.308
5761	57.60	-3.398	-3.412	-3.349	-3.221	-3.050	-2.859	-2.672	-2.505	-2.366	-2.256
5771	57.70	-2.167	-2.086	-1.999	-1.895	-1.770	-1.627	-1.479	-1.340	-1.221	-1.125
5781	57.80	-1.048	-0.967	-0.872	-0.751	-0.603	-0.438	-0.268	-0.100	0.065	0.240
5791	57.90	0.436	0.659	0.895	1.115	1.281	1.357	1.330	1.213	1.038	0.850
5801	58.00	0.681	0.542	0.419	0.290	0.135	-0.041	-0.208	-0.319	-0.333	-0.230
5811	58.10	-0.028	0.224	0.464	0.640	0.730	0.746	0.725	0.711	0.735	0.801
5821	58.20	0.892	0.982	1.049	1.088	1.109	1.134	1.178	1.246	1.328	1.410
5831	58.30	1.481	1.539	1.595	1.662	1.769	1.851	1.950	2.020	2.040	1.999
5841	58.40	1.905	1.779	1.666	1.528	1.435	1.362	1.295	1.219	1.121	0.999
5851	58.50	0.859	0.715	0.581	0.465	0.367	0.275	0.171	0.031	-0.159	-0.397
5861	58.60	-0.663	-0.917	-1.110	-1.202	-1.172	-1.030	-0.814	-0.579	-0.378	-0.247
5871	58.70	-0.194	-0.201	-0.232	-0.251	-0.237	-0.183	-0.099	-0.004	0.086	0.163
5881	58.80	0.228	0.284	0.336	0.388	0.440	0.492	0.546	0.607	0.679	0.760
5891	58.90	0.844	0.920	0.976	1.009	1.024	1.036	1.061	1.110	1.181	1.262
5901	59.00	1.328	1.356	1.328	1.237	1.088	0.896	0.677	0.449	0.226	0.019
5911	59.10	-0.163	-0.315	-0.438	-0.539	-0.631	-0.729	-0.845	-0.982	-1.132	-1.278
5921	59.20	-1.401	-1.490	-1.544	-1.577	-1.611	-1.668	-1.761	-1.893	-2.044	-2.198
5931	59.30	-2.330	-2.421	-2.462	-2.452	-2.396	-2.301	-2.175	-2.028	-1.863	-1.695
5941	59.40	-1.532	-1.382	-1.250	-1.134	-1.030	-0.929	-0.827	-0.720	-0.612	-0.503
5951	59.50	-0.397	-0.291	-0.180	-0.056	0.086	0.247	0.422	0.600	0.768	0.919
5961	59.60	1.051	1.169	1.284	1.406	1.538	1.675	1.800	1.890	1.925	1.889
5971	59.70	1.781	1.814	1.813	1.705	1.614	1.851	0.714	0.591	0.463	0.314
5981	59.80	0.139	-0.053	-0.237	-0.385	-0.470	-0.474	-0.398	-0.258	-0.083	0.096
5991	59.90	0.256	0.388	0.497	0.602	0.725	0.882	1.076	1.296	1.516	1.703

Table 7-30-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1972 1302-GR-1-26 HB. (HB.) CHIYODA BRIDGE MAX. ACC. = -76.336 (GAL) T= 7.99 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	1.829	1.875	1.835	1.720	1.569	1.348	1.142	0.953	0.793	0.668
6011	60.10	0.574	0.499	0.426	0.349	0.252	0.143	0.040	-0.028	-0.027	0.069
6021	60.20	0.267	0.549	0.870	1.169	1.386	1.477	1.432	1.270	1.040	0.797
6031	60.30	0.591	0.444	0.354	0.293	0.229	0.135	0.003	-0.156	-0.315	-0.452
6041	60.40	-0.554	-0.626	-0.689	-0.774	-0.904	-1.085	-1.306	-1.536	-1.729	-1.851
6051	60.50	-1.872	-1.781	-1.590	-1.333	-1.061	-0.833	-0.709	-0.727	-0.897	-1.193
6061	60.60	-1.552	-1.893	-2.133	-2.217	-2.130	-1.904	-1.602	-1.297	-1.045	-0.869
6071	60.70	-0.756	-0.668	-0.559	-0.410	-0.222	-0.023	0.166	0.251	0.276	0.232
6081	60.80	0.143	0.039	-0.055	-0.126	-0.181	-0.222	-0.259	-0.298	-0.346	-0.606
6091	60.90	-0.483	-0.581	-0.699	-0.829	-0.956	-1.067	-1.152	-1.213	-1.262	-1.316
6101	61.00	-1.385	-1.470	-1.557	-1.626	-1.655	-1.635	-1.570	-1.474	-1.366	-1.260
6111	61.10	-1.161	-1.068	-0.977	-0.886	-0.799	-0.715	-0.629	-0.527	-0.396	-0.231
6121	61.20	-0.047	0.113	0.190	0.126	-0.109	-0.505	-1.003	-1.514	-1.944	-2.226
6131	61.30	-2.324	-2.288	-2.135	-1.928	-1.709	-1.504	-1.322	-1.176	-1.086	-1.080
6141	61.40	-1.179	-1.381	-1.651	-1.920	-2.109	-2.158	-2.045	-1.800	-1.489	-1.193
6151	61.50	-0.970	-0.835	-0.759	-0.685	-0.561	-0.360	-0.097	0.183	0.430	0.618
6161	61.60	0.758	0.901	1.112	1.441	1.893	2.426	2.956	3.399	3.698	3.850
6171	61.70	3.905	3.942	4.035	4.213	4.453	4.683	4.816	4.787	4.583	4.246
6181	61.80	3.855	3.499	3.237	3.085	3.014	2.976	2.928	2.850	2.752	2.660
6191	61.90	2.601	2.585	2.610	2.664	2.739	2.843	2.994	3.208	3.480	3.782
6201	62.00	4.083	4.268	4.359	4.327	4.193	3.998	3.777	3.553	3.328	3.100
6211	62.10	2.866	2.639	2.438	2.275	2.144	2.016	1.849	1.616	1.319	1.000
6221	62.20	0.719	0.527	0.432	0.386	0.304	0.103	-0.248	-0.709	-1.165	-1.483
6231	62.30	-1.560	-1.381	-1.027	-0.646	-0.395	-0.376	-0.605	-1.015	-1.498	-1.957
6241	62.40	-2.346	-2.670	-2.961	-3.239	-3.431	-3.624	-3.601	-3.380	-2.997	-2.558
6251	62.50	-2.195	-2.018	-2.046	-2.291	-2.588	-2.861	-2.981	-3.013	-3.001	-3.034
6261	62.60	-3.171	-3.411	-3.688	-3.907	-3.991	-3.914	-3.715	-3.474	-3.276	-3.169
6271	62.70	-3.151	-3.176	-3.184	-3.136	-3.027	-2.890	-2.770	-2.699	-2.679	-2.684
6281	62.80	-2.671	-2.609	-2.487	-2.324	-2.153	-2.002	-1.883	-1.786	-1.686	-1.556
6291	62.90	-1.391	-1.187	-0.964	-0.740	-0.532	-0.347	-0.187	-0.051	0.060	0.148
6301	63.00	0.224	0.309	0.434	0.628	0.904	1.247	1.617	1.958	2.219	2.378
6311	63.10	2.447	2.471	2.502	2.578	2.702	2.842	2.942	2.955	2.859	2.676
6321	63.20	2.456	2.261	2.132	2.075	2.058	2.029	1.942	1.776	1.548	1.300
6331	63.30	1.079	0.914	0.806	0.729	0.646	0.536	0.397	0.258	0.158	0.131
6341	63.40	0.190	0.315	0.465	0.591	0.653	0.632	0.534	0.381	0.199	0.014
6351	63.50	-0.160	-0.315	-0.450	-0.567	-0.672	-0.773	-0.863	-1.016	-1.182	-1.377
6361	63.60	-1.588	-1.788	-1.953	-2.067	-2.136	-2.182	-2.240	-2.335	-2.474	-2.633
6371	63.70	-2.765	-2.813	-2.735	-2.522	-2.204	-1.843	-1.511	-1.267	-1.132	-1.091
6381	63.80	-1.099	-1.101	-1.056	-0.955	-0.812	-0.660	-0.530	-0.432	-0.358	-0.286
6391	63.90	-0.195	-0.080	0.048	0.165	0.250	0.302	0.338	0.389	0.483	0.625
6401	64.00	0.795	0.957	1.074	1.132	1.148	1.165	1.229	1.366	1.570	1.799
6411	64.10	1.994	2.110	2.130	2.073	1.979	1.883	1.801	1.718	1.602	1.425
6421	64.20	1.186	0.914	0.665	0.494	0.435	0.489	0.625	0.798	0.971	1.120
6431	64.30	1.243	1.367	1.439	1.520	1.589	1.669	1.712	1.798	1.919	2.070
6441	64.40	2.220	2.324	2.338	2.244	2.058	1.828	1.612	1.452	1.357	1.302
6451	64.50	1.247	1.157	1.023	0.863	0.709	0.584	0.488	0.398	0.285	0.129
6461	64.60	-0.063	-0.284	-0.437	-0.557	-0.618	-0.634	-0.620	-0.582	-0.509	-0.394
6471	64.70	-0.246	-0.102	-0.025	-0.069	-0.253	-0.535	-0.828	-1.037	-1.109	-1.069
6481	64.80	-1.009	-1.045	-1.249	-1.598	-1.978	-2.237	-2.271	-2.097	-1.660	-1.776
6491	64.90	-2.017	-2.602	-3.349	-3.931	-4.004	-3.568	-2.078	-0.445	1.073	2.051

Table 7-31-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1973 1305-GR-1-19 HA. (HA.) HORONAN BRIDGE MAX. ACC. = 66.408 (GAL) T= 9.10 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1	0.0	-1.232	0.538	1.553	0.895	-1.525	-4.740	-7.072	-6.920	-3.614	2.100
11	0.10	8.251	12.457	13.000	9.622	3.656	-2.598	-6.938	-8.239	-6.853	-4.275
21	0.20	-2.255	-1.869	-3.006	-4.546	-5.061	-3.653	-0.443	3.513	6.825	6.495
31	0.30	6.376	7.107	5.623	4.561	3.818	2.864	1.038	-1.825	-5.131	-7.784
41	0.40	-8.732	-7.558	-6.724	-4.343	1.418	3.938	5.393	3.533	4.104	5.284
51	0.50	6.480	6.616	4.776	0.812	-4.418	-9.335	-12.309	-12.347	-9.457	-4.539
61	0.60	1.090	6.222	10.072	12.258	12.593	10.923	7.186	1.667	-4.742	-10.610
71	0.70	-14.390	-15.081	-12.742	-8.513	-4.033	-0.552	1.759	3.836	6.964	11.638
81	0.80	16.731	19.608	17.324	8.400	-5.779	-20.855	-31.009	-31.541	-21.299	-3.660
91	0.90	14.618	26.303	27.008	17.291	2.390	-10.348	-15.118	-10.526	-0.180	9.345
101	1.00	12.142	6.280	-5.021	-15.059	-17.232	-9.014	6.453	21.531	27.922	21.112
111	1.10	3.084	-18.237	-32.683	-32.904	-18.230	4.729	25.144	35.256	25.248	5.205
121	1.20	-16.827	-29.858	-27.435	-10.899	11.270	27.703	29.850	16.284	-6.565	-27.596
131	1.30	-36.531	-28.943	-8.341	15.688	32.276	34.562	22.631	4.023	-12.039	-17.671
141	1.40	-11.063	3.129	16.494	21.378	14.827	-0.046	-15.872	-24.985	-23.400	-12.759
151	1.50	0.713	9.628	9.381	0.561	-11.405	-19.148	-17.272	-5.247	12.190	27.309
161	1.60	33.163	26.960	11.365	-6.854	-20.096	-23.469	-16.869	-4.679	6.636	11.765
171	1.70	8.990	0.716	-0.050	-12.354	-9.775	-1.466	8.484	15.309	15.680	9.257
181	1.80	-1.325	-11.765	-18.006	-17.631	-11.516	-1.406	9.202	17.299	21.008	19.843
191	1.90	14.479	6.325	-2.873	-11.309	-17.347	-19.786	-18.184	-13.098	-6.069	0.778
201	2.00	5.436	6.766	4.954	1.438	-1.712	-2.698	-0.785	3.374	8.036	11.127
211	2.10	11.145	7.783	2.046	-4.170	-8.831	-10.515	-8.880	-4.711	0.438	4.819
221	2.20	7.067	6.611	3.793	-0.299	-4.218	-6.639	-6.797	-4.736	-1.285	2.239
231	2.30	4.524	4.756	2.930	-0.151	-3.212	-5.002	-4.810	-2.720	0.456	3.533
241	2.40	5.421	5.525	3.905	1.187	-1.700	-3.843	-4.586	-3.658	-1.231	2.133
251	2.50	5.557	8.008	8.555	6.571	2.504	-3.039	-8.487	-12.266	-13.262	-11.554
261	2.60	-6.994	-1.888	2.601	5.525	6.731	6.727	6.223	5.635	4.662	3.449
271	2.70	1.066	-2.063	-4.937	-6.365	-5.377	-2.178	1.872	4.643	4.249	0.096
281	2.80	-6.580	-13.054	-16.228	-14.068	-6.662	3.643	13.126	18.237	17.080	10.178
291	2.90	0.190	-9.258	-15.062	-15.759	-11.861	-5.335	1.398	6.439	8.938	9.073
301	3.00	7.620	5.469	3.322	1.640	0.729	0.779	1.760	3.275	4.527	4.556
311	3.10	2.700	-0.931	-5.287	-8.692	-9.577	-7.284	-2.522	2.839	6.578	7.171
321	3.20	4.538	0.081	-4.020	-5.898	-4.906	-1.861	1.493	3.482	3.397	1.790
331	3.30	0.020	-0.659	0.094	1.496	2.169	1.093	-1.600	-4.516	-5.697	-3.779
341	3.40	1.060	6.957	11.182	11.532	7.560	0.926	-5.366	-8.494	-7.284	-2.814
351	3.50	2.206	4.962	4.138	0.691	-2.681	-3.122	0.600	7.137	13.009	14.333
361	3.60	8.950	-2.184	-15.124	-24.429	-26.578	-19.959	-7.776	6.160	15.567	17.921
371	3.70	13.824	6.362	-0.341	-3.310	-2.171	1.101	3.579	3.220	0.056	-3.804
381	3.80	-5.973	-4.520	-0.121	4.574	6.231	2.757	-5.316	-14.769	-21.089	-20.437
391	3.90	-12.508	0.886	14.836	24.469	26.937	22.588	14.560	7.044	3.129	3.342
401	4.00	5.596	6.553	3.444	-3.330	-11.876	-17.969	-18.121	-11.298	0.290	11.993
411	4.10	18.747	17.498	8.477	-4.678	-16.635	-22.750	-20.989	-12.865	-2.253	6.323
421	4.20	10.033	8.841	5.227	2.607	3.320	7.247	11.612	13.387	9.393	-0.019
431	4.30	-11.636	-20.479	-22.161	-15.183	-1.973	11.925	20.225	18.789	7.637	-8.494
441	4.40	-23.980	-31.315	-27.890	-15.282	1.155	14.761	20.536	17.202	7.463	-3.561
451	4.50	-10.866	-11.808	-7.003	0.408	6.628	9.156	7.825	4.479	1.607	0.777
461	4.60	1.764	2.830	1.946	-1.810	-7.496	-12.674	-14.690	-12.182	-5.933	1.414
471	4.70	6.681	7.802	4.953	0.383	-2.590	-1.524	3.885	11.509	17.751	19.256
481	4.80	14.516	14.580	7.428	-17.693	-23.266	-23.067	-17.945	-9.911	-1.093	7.012
491	4.90	13.666	18.498	21.008	20.429	16.108	8.199	-1.827	-11.309	-17.282	-17.771

Table 7-31-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1973 1305-GR-1-19 HA. (HA.) HORONAN BRIDGE MAX. ACC. = 66.408 (GAL) T= 9.10 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
501	5.00	-12.830	-4.901	2.359	5.416	2.657	-4.796	-13.490	-19.173	-18.725	-11.591
511	5.10	-0.050	11.806	19.865	21.702	17.434	9.394	0.888	-5.298	-7.910	-7.372
521	5.20	-5.148	-2.785	-1.201	-0.569	-0.582	-1.164	-2.497	-4.878	-8.162	-11.355
531	5.30	-12.719	-10.508	-3.985	5.815	16.161	23.612	25.545	21.472	13.402	4.972
541	5.40	-0.331	-0.839	2.242	5.611	5.846	0.140	-9.577	-19.671	-25.182	-22.604
551	5.50	-11.832	3.450	17.257	23.974	20.963	9.809	-4.409	-15.446	-18.819	-13.573
561	5.60	-2.634	8.874	16.121	16.702	11.405	3.366	-3.802	-7.825	-7.257	-2.457
571	5.70	-6.838	-6.862	-6.849	-4.977	0.102	7.975	16.139	20.937	19.344	10.679
581	5.80	-2.704	-16.179	-24.773	-25.325	-17.868	-5.559	6.769	14.725	16.140	11.743
591	5.90	4.519	-1.827	-4.520	-2.745	2.306	8.227	12.550	13.209	11.462	6.736
601	6.00	1.096	-3.674	-7.065	-8.101	-7.376	-5.879	-4.836	-5.221	-7.252	-10.104
611	6.10	-12.031	-10.988	-5.581	4.056	15.913	26.564	32.661	31.189	22.693	9.283
621	6.20	-5.262	-17.211	-24.265	-26.170	-24.323	-20.672	-16.586	-12.309	-7.277	-0.989
631	6.30	6.181	12.409	17.047	17.785	15.271	11.271	7.998	6.765	7.042	6.631
641	6.40	2.993	-4.967	-15.703	-25.298	-29.238	-24.880	-13.243	0.995	11.533	13.611
651	6.50	6.666	-5.062	-14.344	-16.840	-4.468	12.950	29.152	35.342	26.664	4.976
661	6.60	-21.570	-42.071	-47.855	-36.682	-12.805	13.406	32.027	37.066	28.900	13.311
671	6.70	-1.945	-11.108	-12.857	-10.061	-7.382	-7.905	-11.380	-14.471	-13.135	-5.527
681	6.80	6.361	17.391	22.017	17.545	6.037	-6.580	-12.584	-8.384	4.879	20.490
691	6.90	29.481	25.193	7.003	-18.758	-41.317	-50.317	-40.726	-15.431	15.760	40.302
701	7.00	48.346	36.956	11.219	-18.145	-39.474	-45.006	-33.746	-11.269	13.197	30.910
711	7.10	37.066	32.155	20.888	9.467	2.620	1.756	4.908	8.300	8.534	4.361
721	7.20	-2.613	-9.787	-13.275	-11.573	-5.398	2.471	8.525	10.163	6.861	0.340
731	7.30	-6.313	-10.161	-9.706	-5.727	-0.682	2.439	1.606	-3.260	-10.242	-16.376
741	7.40	-19.102	-17.517	-12.007	-7.589	-4.513	-5.278	-8.939	-13.183	-15.187	-13.173
751	7.50	-7.497	-0.598	4.175	4.256	-0.704	-8.451	-15.071	-16.779	-11.771	-1.183
761	7.60	11.309	21.111	24.785	21.616	13.923	5.972	2.018	4.377	12.404	21.812
771	7.70	31.131	33.618	28.751	17.718	3.782	-9.097	-17.713	-20.551	-17.908	-11.332
781	7.80	-2.763	6.183	14.521	21.705	27.775	32.213	34.818	35.405	34.066	31.188
791	7.90	27.246	22.486	16.715	9.349	-0.187	-11.924	-24.937	-37.349	-46.847	-51.551
801	8.00	-50.870	-45.931	-39.295	-34.020	-32.600	-34.924	-39.936	-44.189	-44.113	-37.507
811	8.10	-23.561	-5.089	14.257	30.367	40.308	43.203	40.261	34.013	27.178	21.699
821	8.20	18.305	16.713	14.176	16.008	15.774	15.143	13.581	10.299	4.607	-5.164
831	8.30	-12.484	-19.802	-22.240	-17.585	-5.978	9.506	23.620	30.917	28.169	16.705
841	8.40	-0.730	-15.614	-22.066	-18.683	-7.402	4.810	10.247	5.125	-9.771	-28.171
851	8.50	-41.244	-41.905	-28.290	-5.239	17.761	30.786	28.317	12.079	-9.478	-24.967
861	8.60	-25.437	-8.795	18.881	45.960	60.288	55.072	31.829	-0.155	-26.078	-41.445
871	8.70	-18.729	2.108	14.906	13.597	-1.207	-21.558	-36.131	-36.131	-37.511	-24.368
881	8.80	-2.439	18.562	28.802	24.735	8.947	-10.399	-23.860	-25.297	-14.711	1.982
891	8.90	16.024	20.166	11.973	-5.022	-23.479	-35.849	-37.984	-30.845	-19.585	-10.587
901	9.00	-8.025	-11.710	-17.257	-18.465	-10.528	7.155	30.554	52.522	65.873	66.408
911	9.10	54.536	34.833	13.925	-2.286	-10.709	-11.674	-8.016	-3.291	-0.096	0.716
921	9.20	-0.881	-1.335	-2.205	-2.756	-3.561	-5.204	-7.433	-9.198	-9.128	-6.354
931	9.30	-11.113	5.041	10.186	12.551	11.353	7.260	1.755	-3.746	-8.308	-11.919
941	9.40	-15.006	-17.801	-19.814	-19.853	-16.572	-9.340	1.023	12.132	21.931	27.096
951	9.50	24.797	21.471	13.670	5.092	-2.823	-8.389	-13.239	-17.556	-21.268	-23.386
961	9.60	-22.452	-17.563	-9.321	-0.113	6.627	7.936	2.932	-6.342	-15.408	-19.107
971	9.70	-13.930	0.185	19.344	37.217	47.587	46.143	34.086	15.921	-1.480	-11.952
981	9.80	-12.531	-4.699	7.428	17.345	20.766	16.425	6.503	-4.666	-12.757	-15.355
991	9.90	-12.784	-7.551	-2.829	-0.806	-1.746	-4.182	-5.922	-5.590	-3.266	-0.477

Table 7-31-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1973 1305-GR-1-19 HA. (HA.) HOROMAN BRIDGE MAX. ACC. = 66.408 (GAL) T= 9.10 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	0.801	-0.590	-4.182	-8.002	-9.618	-7.550	-2.284	3.720	7.111	5.339
1011	10.10	-1.891	-12.172	-21.260	-24.899	-20.787	-9.721	4.630	17.255	23.940	23.001
1021	10.20	15.843	6.101	-2.179	-6.398	-6.425	-4.301	-2.850	-3.952	-7.383	-10.852
1031	10.30	-11.213	-6.249	3.904	16.429	26.829	30.810	26.167	13.797	-2.660	-18.212
1041	10.40	-28.674	-31.980	-28.718	-21.384	-12.952	-5.521	0.327	5.212	9.997	14.801
1051	10.50	18.594	19.611	16.381	8.756	-1.648	-11.922	-19.064	-21.323	-19.001	-14.284
1061	10.60	-10.145	-8.859	-10.843	-14.428	-16.679	-14.873	-7.928	2.933	14.596	23.383
1071	10.70	26.648	23.912	17.019	9.256	3.866	2.663	5.327	9.696	12.845	12.435
1081	10.80	7.722	-0.186	-8.871	-15.665	-18.597	-17.214	-12.373	-5.813	0.617	5.588
1091	10.90	8.550	9.631	9.296	8.018	6.120	3.824	1.419	-0.624	-1.696	-1.285
1101	11.00	0.722	3.626	6.956	8.776	8.195	4.857	-0.594	-6.617	-11.242	-12.745
1111	11.10	-10.288	-4.269	3.757	11.576	17.046	18.809	16.706	11.776	5.825	0.771
1121	11.20	-2.018	-2.132	-0.149	2.677	4.938	5.586	4.251	1.281	-2.465	-6.069
1131	11.30	-8.711	-10.073	-10.277	-9.753	-9.036	-8.506	-8.278	-8.159	-7.743	-6.581
1141	11.40	-4.389	-1.213	2.494	5.929	8.138	8.307	6.067	1.706	-3.819	-9.091
1151	11.50	-12.623	-13.322	-10.853	-5.783	0.577	6.570	10.716	12.159	10.889	7.671
1161	11.60	3.707	0.179	-2.159	-3.179	-3.301	-3.198	-3.418	-4.088	-4.860	-5.100
1171	11.70	-4.240	-2.260	0.434	2.729	3.515	2.082	-1.443	-6.007	-9.936	-11.554
1181	11.80	-9.861	-4.986	1.791	8.483	13.119	14.459	12.393	7.679	2.475	-2.305
1191	11.90	-5.506	-6.925	-6.926	-6.057	-4.689	-2.893	-0.585	2.168	4.923	6.874
1201	12.00	7.163	5.322	1.620	-2.910	-6.815	-8.805	-8.285	-5.595	-1.821	1.714
1211	12.10	4.037	4.894	4.736	4.367	4.454	5.166	6.115	6.068	6.038	4.196
1221	12.20	1.340	-1.973	-5.163	-7.832	-9.782	-10.873	-10.879	-9.436	-6.329	-1.720
1231	12.30	5.203	8.310	10.963	10.635	7.425	2.587	-1.989	-4.378	-3.631	-1.130
1241	12.40	4.573	8.469	9.998	8.759	5.569	1.975	-0.593	-1.534	-1.297	-1.001
1251	12.50	-1.679	-3.594	-6.001	-7.543	-7.044	-4.282	-0.288	3.045	3.879	1.417
1261	12.60	-3.565	-8.954	-12.229	-11.682	-7.186	-0.494	5.697	8.692	7.960	3.637
1271	12.70	-1.857	-5.884	-6.630	-3.911	0.816	5.228	7.284	6.186	2.710	-1.259
1281	12.80	-3.672	-3.319	-0.370	3.769	7.192	8.416	7.056	3.937	0.651	-1.327
1291	12.90	-1.133	0.986	3.989	6.594	7.896	7.725	6.583	5.252	4.284	3.674
1301	13.00	2.867	1.099	-2.126	-6.663	-11.652	-15.796	-17.841	-17.065	-13.551	-8.137
1311	13.10	-2.089	3.345	7.325	9.601	10.447	10.428	10.095	9.764	9.429	8.824
1321	13.20	7.592	5.481	2.492	-1.054	-4.558	-7.285	-8.568	-8.020	-5.703	-2.165
1331	13.30	1.664	4.721	6.128	5.470	2.943	-0.714	-4.465	-7.331	-8.692	-8.456
1341	13.40	-7.013	-5.027	-3.160	-1.844	-1.195	-1.057	-1.165	-1.208	-1.077	-0.708
1351	13.50	-0.125	0.628	1.486	2.344	3.041	3.581	3.229	2.552	1.572	0.531
1361	13.60	0.091	0.151	0.720	1.428	1.787	1.436	0.352	-1.114	-2.362	-2.837
1371	13.70	-2.307	-1.002	0.471	1.403	1.317	0.189	-1.552	-3.241	-4.297	-4.487
1381	13.80	-3.993	-3.262	-2.736	-2.604	-2.722	-2.732	-2.304	-1.361	-0.152	0.878
1391	13.90	1.329	1.088	0.390	-0.274	-0.445	0.060	1.032	1.975	2.362	1.916
1401	14.00	0.775	-0.556	-1.432	-1.326	-0.067	2.126	4.750	7.210	8.982	9.709
1411	14.10	9.209	7.456	4.588	0.934	-2.966	-6.424	-8.758	-9.617	-8.962	-7.295
1421	14.20	-5.363	-3.856	-3.097	-2.904	-2.740	-2.056	-0.666	1.071	2.383	2.493
1431	14.30	1.089	-1.401	-3.910	-5.165	-4.393	-1.560	2.390	6.036	8.103	8.031
1441	14.40	6.185	3.589	1.166	0.157	-0.161	-0.214	-0.833	-2.337	-4.380	-6.104
1451	14.50	-6.634	-5.613	-3.450	-1.139	0.289	0.355	-0.565	-1.308	-0.699	1.950
1461	14.60	6.296	11.028	14.410	15.047	12.502	7.483	1.513	-3.720	-7.013	-8.007
1471	14.70	-7.139	-5.272	-3.255	-1.612	-0.486	0.230	0.709	1.077	1.419	1.621
1481	14.80	2.354	2.985	3.460	3.300	1.993	-0.466	-4.153	-7.352	-8.712	-7.028
1491	14.90	-2.149	4.669	11.050	14.407	13.117	7.398	-0.594	-7.563	-10.477	-7.947

Table 7-31-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1973 1305-GR-1-19 HA. (HA.) HOROMAN BRIDGE MAX. ACC. = 66.408 (GAL) T= 9.10 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1501	15.00	-0.903	7.757	14.430	16.385	12.924	5.587	-2.655	-8.812	-11.169	-9.869
1511	15.10	-6.556	-3.332	-1.621	-1.539	-2.047	-1.748	0.152	3.284	6.243	7.335
1521	15.20	5.506	0.962	-4.877	-10.030	-12.873	-12.842	-10.559	-7.381	-4.626	-2.929
1531	15.30	-2.050	-1.191	0.387	2.830	5.546	7.509	7.842	6.331	3.584	0.748
1541	15.40	-1.068	-1.245	-0.090	1.540	2.617	2.682	1.150	-0.744	-2.302	-2.797
1551	15.50	-2.009	-0.273	1.714	3.212	3.711	3.059	1.419	-0.852	-3.341	-5.646
1561	15.60	-7.609	-8.319	-8.171	-6.932	-4.795	-2.161	0.458	2.588	3.929	4.394
1571	15.70	4.072	3.132	1.754	0.129	-1.483	-2.716	-3.150	-2.476	-0.716	1.639
1581	15.80	3.702	4.496	3.393	0.487	-3.319	-6.606	-8.016	-6.873	-3.529	0.733
1591	15.90	4.239	5.658	4.577	1.652	-1.755	-4.245	-5.036	-4.262	-2.779	-1.609
1601	16.00	-1.326	-1.730	-1.999	-1.214	1.023	4.240	7.236	8.656	7.730	4.720
1611	16.10	0.905	-2.001	-2.663	-0.784	2.743	6.268	8.194	7.739	5.274	2.072
1621	16.20	-0.389	-1.178	-0.347	1.207	2.315	2.257	1.175	-0.015	-0.206	1.180
1631	16.30	3.730	6.136	6.824	4.812	0.309	-5.229	-9.726	-11.438	-9.795	-5.672
1641	16.40	-0.959	2.376	3.236	1.895	-0.234	-1.409	-0.537	2.197	5.398	7.183
1651	16.50	6.189	2.350	-2.987	-7.658	-9.717	-8.379	-4.401	0.280	3.474	3.769
1661	16.60	1.158	-3.024	-6.783	-8.422	-7.290	-3.976	0.095	3.416	5.099	5.182
1671	16.70	4.429	3.776	3.758	4.217	4.434	3.585	1.266	-2.216	-5.903	-8.607
1681	16.80	-9.409	-8.044	-4.900	-1.183	2.292	4.676	5.693	5.530	4.651	3.564
1691	16.90	2.653	2.095	1.879	1.848	1.758	1.346	0.424	-1.011	-2.702	-4.135
1701	17.00	-4.693	-3.916	-1.772	1.204	4.014	5.571	5.152	2.720	-0.808	-4.029
1711	17.10	-5.553	-4.594	-1.358	3.007	6.873	8.802	8.138	5.249	1.328	-2.144
1721	17.20	-4.023	-3.921	-2.267	-0.007	1.882	2.818	2.791	2.242	1.739	1.643
1731	17.30	1.920	2.207	2.040	1.145	-0.396	-2.153	-3.564	-4.183	-3.894	-2.957
1741	17.40	-1.877	-1.178	-1.174	-1.469	-2.890	-3.846	-4.331	-4.188	-3.508	-2.623
1751	17.50	-1.618	-1.502	-1.528	-1.454	-1.254	-1.124	-0.851	-0.551	0.583	0.849
1761	17.60	0.555	-0.252	-1.199	-1.837	-1.832	-1.124	0.032	1.187	1.908	1.997
1771	17.70	1.583	1.057	0.851	1.200	1.938	2.295	3.101	2.585	1.292	-0.334
1781	17.80	-1.666	-2.203	-1.851	-0.961	-0.144	-0.033	-0.749	-2.076	-3.304	-3.809
1791	17.90	-3.305	-2.050	-0.737	-0.137	-0.663	-2.110	-3.708	-4.484	-3.766	-1.559
1801	18.00	1.397	3.968	5.077	4.414	2.139	0.284	-0.806	-0.083	2.331	5.464
1811	18.10	7.887	8.436	6.853	3.023	-0.247	-4.040	-6.955	-6.739	-5.398	-3.679
1821	18.20	-2.487	-2.054	-2.856	-3.456	-3.965	-3.944	-3.803	0.230	2.134	3.594
1831	18.30	3.812	3.560	3.058	2.743	2.876	3.606	4.013	4.252	3.761	2.436
1841	18.40	0.511	-1.490	-2.926	-3.272	-2.332	-0.356	2.012	3.942	4.723	4.042
1851	18.50	2.134	-0.300	-2.363	-3.331	-2.948	-1.516	0.276	1.697	2.336	2.278
1861	18.60	2.025	2.170	3.009	4.310	5.388	5.353	3.782	0.858	-2.516	-5.090
1871	18.70	-5.842	-4.483	-1.639	1.416	3.351	3.414	1.789	-0.510	-2.167	-2.238
1881	18.80	-0.438	1.820	3.857	4.400	3.716	0.711	-1.688	-2.019	-2.517	-0.949
1891	18.90	0.645	1.090	-0.162	-2.489	-5.280	-6.559	-5.713	-2.977	0.448	2.952
1901	19.00	3.318	1.323	-2.143	-5.520	-7.339	-6.216	-4.663	-1.699	0.568	1.334
1911	19.10	0.649	-0.694	-1.679	-1.673	-0.755	0.379	0.892	0.374	-0.851	-1.849
1921	19.20	-1.596	0.399	3.709	7.090	9.028	8.486	5.648	0.989	-3.191	-5.536
1931	19.30	-5.334	-2.996	0.203	2.775	3.734	3.010	1.527	-0.039	-0.382	0.490
1941	19.40	1.987	3.153	3.220	2.034	0.127	-1.585	-2.512	-1.818	-0.548	0.616
1951	19.50	0.839	-0.209	-2.156	-4.098	-5.030	-4.370	-2.237	0.579	2.980	4.051
1961	19.60	3.443	1.596	-0.681	-2.317	-2.710	-1.762	0.040	1.896	3.060	3.146
1971	19.70	2.254	0.872	-0.375	-1.017	-0.960	-0.415	0.039	-0.086	-1.050	-2.710
1981	19.80	-4.554	-5.880	-6.078	-4.887	-2.530	0.349	2.902	4.400	4.503	3.376
1991	19.90	1.609	-0.043	-0.970	-0.943	-0.171	0.832	1.513	1.531	0.906	-0.026

Table 7-31-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1973 1305-GR-1-19 HA. (HA.) HOROMAN BRIDGE MAX. ACC. = 66.408 (GAL) T= 9.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.788	-0.999	-0.533	0.449	1.603	2.574	3.139	3.256	3.015	2.535
2011	20.10	1.887	1.082	0.127	-0.896	-1.804	-2.366	-2.411	-1.964	-1.262	-0.696
2021	20.20	-0.639	-1.263	-2.639	-3.762	-4.707	-4.846	-4.020	-2.395	-0.392	1.485
2031	20.30	2.816	3.387	3.203	2.444	1.372	0.267	-0.624	-1.112	-1.102	-0.631
2041	20.40	0.112	0.812	1.126	0.824	-0.085	-1.314	-2.399	-2.905	-2.641	-1.790
2051	20.50	-0.861	-0.363	-0.697	-1.736	-2.920	-3.465	-2.742	-0.620	2.407	5.380
2061	20.60	7.384	7.489	6.044	3.656	1.367	0.087	0.190	1.383	2.881	3.609
2071	20.70	3.617	2.322	0.461	-1.196	-2.022	-1.804	-0.806	0.607	1.251	1.395
2081	20.80	0.857	-0.137	-1.098	-1.746	-1.909	-1.588	-0.873	0.114	1.240	2.331
2091	20.90	3.163	3.491	3.164	2.229	0.989	-0.081	-0.534	-0.181	0.772	1.765
2101	21.00	2.127	1.402	-0.395	-2.737	-4.800	-5.835	-5.330	-4.156	-2.436	-1.162
2111	21.10	-0.889	-1.488	-2.393	-2.821	-2.206	-0.513	1.729	3.677	4.595	4.207
2121	21.20	2.817	1.131	-0.109	-0.499	-0.141	0.456	0.688	0.205	-0.896	-2.137
2131	21.30	-2.926	-2.891	-2.081	-0.938	-0.048	0.176	-0.280	-1.038	-1.563	-1.378
2141	21.40	-0.501	0.728	1.701	1.940	1.322	0.112	-1.107	-1.764	-1.582	-0.701
2151	21.50	0.490	1.154	1.184	0.479	-0.615	-1.578	-1.964	-1.597	-0.625	0.571
2161	21.60	1.563	2.044	1.928	1.334	0.502	-0.313	-0.914	-1.191	-1.117	-0.740
2171	21.70	-0.175	0.398	0.768	0.751	0.268	-0.591	-1.572	-2.362	-2.622	-2.322
2181	21.80	-1.596	-0.790	-0.292	-0.359	-0.991	-1.934	-2.796	-3.224	-3.056	-2.372
2191	21.90	-1.427	-0.505	0.218	0.752	1.152	1.596	2.076	2.456	2.521	2.110
2201	22.00	1.245	0.174	-0.708	-1.023	-0.592	0.469	1.785	2.881	3.384	3.177
2211	22.10	2.433	1.514	0.788	0.467	0.525	0.750	0.881	0.757	0.407	0.019
2221	22.20	-0.164	0.002	0.476	1.032	1.364	1.235	0.601	-0.360	-1.318	-1.940
2231	22.30	-2.037	-1.646	-1.010	-0.466	-0.297	-0.605	-1.275	-2.026	-2.530	-2.555
2241	22.40	-2.069	-1.166	-0.191	0.550	0.823	0.552	-0.161	-1.077	-1.901	-2.376
2251	22.50	-2.361	-1.870	-1.068	-0.220	0.393	0.568	0.250	-0.437	-1.228	-1.808
2261	22.60	-1.929	-1.514	-0.695	0.238	0.955	1.231	1.055	0.642	0.336	0.441
2271	22.70	1.075	2.076	3.063	3.597	3.591	2.457	1.126	-0.086	-0.704	-0.522
2281	22.80	0.315	1.355	2.053	2.029	1.241	0.006	-1.147	-1.725	-1.494	-0.580
2291	22.90	0.615	1.612	2.087	2.014	1.550	1.381	1.508	2.089	2.907	3.583
2301	23.00	3.772	3.334	2.402	1.314	0.448	0.055	0.157	0.566	0.996	1.208
2311	23.10	1.106	0.748	0.275	-0.188	-0.606	-1.030	-1.540	-2.161	-2.812	-3.317
2321	23.20	-3.479	-3.174	-2.407	-1.326	-0.159	0.867	1.596	1.969	2.001	1.767
2331	23.30	1.267	0.528	-0.074	-0.709	-1.102	-1.108	-0.666	0.139	1.089	1.902
2341	23.40	2.342	2.325	1.959	1.502	1.242	1.364	1.655	2.503	2.983	3.001
2351	23.50	2.414	1.294	-0.115	-1.502	-2.618	-3.360	-3.781	-4.025	-4.217	-4.383
2361	23.60	-4.422	-4.157	-3.441	-2.256	-0.770	0.696	1.772	2.185	1.878	1.052
2371	23.70	0.114	-0.472	-0.360	0.530	1.967	3.477	4.516	4.673	3.831	2.215
2381	23.80	0.304	-1.356	-2.366	-2.625	-2.346	-1.942	-1.820	-2.189	-2.950	-3.748
2391	23.90	-4.134	-3.783	-2.659	-1.053	0.535	1.603	1.867	1.376	0.488	-0.303
2401	24.00	-0.584	-0.208	0.666	1.568	2.096	1.926	1.030	-0.340	-1.775	-2.884
2411	24.10	-3.445	-3.462	-3.118	-2.653	-2.237	-1.901	-1.547	-1.041	-0.318	0.545
2421	24.20	1.333	1.776	1.671	0.980	-0.131	-1.365	-2.310	-2.769	-2.651	-2.078
2431	24.30	-1.298	-0.570	-0.050	0.257	0.476	0.767	1.242	1.866	2.470	2.815
2441	24.40	2.705	2.085	1.086	-0.013	-0.891	-1.309	-1.195	-0.664	0.044	0.675
2451	24.50	1.061	1.171	1.092	0.950	0.826	0.702	0.475	0.028	-0.682	-1.566
2461	24.60	-2.402	-2.915	-2.879	-2.219	-1.046	0.374	1.720	2.702	3.157	3.041
2471	24.70	2.506	1.640	0.623	-0.399	-1.287	-1.907	-2.138	-1.905	-1.232	-0.266
2481	24.80	0.739	1.488	1.754	1.467	0.759	-0.084	-0.724	-0.909	-0.572	0.143
2491	24.90	0.946	1.524	1.663	1.328	0.653	-0.126	-0.787	-1.198	-1.355	-1.347

Table 7-31-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1973 1305-GR-1-19 HA. (HA.) HOROMAN BRIDGE MAX. ACC. = 66.408 (GAL) T= 9.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-1.287	-1.243	-1.211	-1.126	-0.922	-0.576	-0.143	0.267	0.531	0.569
2511	25.10	0.376	0.021	-0.388	-0.776	-0.986	-1.081	-1.035	-0.860	-0.568	-0.183
2521	25.20	0.247	0.448	0.803	0.958	0.858	0.718	0.236	-0.372	-1.085	-1.685
2531	25.30	-0.439	0.381	1.145	1.672	1.895	1.867	1.718	1.571	1.476	1.390
2541	25.40	1.216	0.872	0.360	-0.216	-0.686	-0.894	-0.774	-0.385	0.114	0.545
2551	25.50	0.789	0.833	0.754	0.657	0.599	0.553	0.424	0.127	-0.341	-0.865
2561	25.60	-1.250	-1.321	-1.026	-0.494	0.007	0.187	-0.119	-0.844	-1.700	-2.296
2571	25.70	-2.315	-1.669	-0.553	0.638	1.490	1.757	1.475	0.934	0.533	0.579
2581	25.80	1.136	1.997	2.782	3.121	2.831	1.996	0.929	0.019	-0.432	-0.336
2591	25.90	0.165	0.777	1.196	1.227	0.849	0.190	-0.543	-1.156	-1.531	-1.645
2601	26.00	-1.543	-1.305	-1.006	-0.696	-0.402	-0.125	0.155	0.468	0.869	1.314
2611	26.10	1.840	2.361	2.774	2.980	2.923	2.619	2.151	1.635	1.163	0.766
2621	26.20	0.409	0.024	-0.437	-0.960	-1.467	-1.858	-2.068	-2.106	-2.054	-2.008
2631	26.30	-2.008	-1.995	-1.833	-1.386	-0.625	0.307	1.119	1.489	1.218	0.352
2641	26.40	-0.796	-1.773	-2.176	-1.810	-0.941	0.102	0.815	0.903	0.406	-0.323
2651	26.50	-0.796	-0.653	0.210	1.442	2.541	3.034	2.733	1.836	0.831	0.238
2661	26.60	0.329	0.975	1.695	1.898	1.208	-0.312	-2.138	-3.510	-3.783	-2.753
2671	26.70	-0.784	1.329	2.711	2.802	1.620	-0.245	-1.910	-2.606	-2.045	-0.554
2681	26.80	1.076	1.962	1.542	-0.155	-2.509	-4.583	-5.531	-4.959	-3.083	-0.611
2691	26.90	1.577	2.802	2.842	1.977	0.801	-0.074	-0.287	0.142	0.881	1.482
2701	27.00	1.611	1.194	0.415	-0.396	-0.943	-1.084	-0.873	-0.683	-0.099	0.181
2711	27.10	0.370	0.548	0.764	1.005	1.141	1.096	0.729	0.088	-0.691	-1.422
2721	27.20	-1.954	-2.253	-2.297	-2.248	-2.165	-2.059	-1.855	-1.471	-0.881	-0.114
2731	27.30	0.661	1.325	1.916	2.104	2.245	2.304	2.288	2.128	1.719	1.006
2741	27.40	0.061	-0.898	-1.574	-1.733	-1.331	-0.578	0.130	0.374	-0.090	-1.194
2751	27.50	-2.563	-3.666	-4.055	-3.545	-2.320	-0.832	0.403	1.035	1.017	0.599
2761	27.60	0.166	0.032	0.279	0.725	1.043	0.952	0.383	-0.466	-1.221	-1.507
2771	27.70	-1.141	-0.215	0.962	1.919	2.403	2.303	1.760	1.068	0.426	0.026
2781	27.80	-0.177	-0.303	-0.470	-0.703	-0.927	-1.016	-0.888	-0.550	-0.125	0.244
2791	27.90	0.462	0.550	0.627	0.834	1.233	1.750	2.190	2.328	2.024	1.506
2801	28.00	0.364	-0.533	-1.169	-1.466	-1.505	-1.448	-1.423	-1.438	-1.372	-1.062
2811	28.10	-0.426	0.439	1.266	1.717	1.584	0.811	-0.275	-1.271	-1.795	-1.890
2821	28.20	-1.104	-0.412	-0.047	-0.230	-0.894	-1.688	-2.156	-1.977	-1.136	0.058
2831	28.30	1.115	1.609	1.393	0.658	-0.116	-0.479	-0.176	0.702	1.749	2.459
2841	28.40	2.465	1.718	0.510	-0.677	-1.395	-1.638	-0.912	-0.164	0.410	0.557
2851	28.50	0.274	-0.210	-0.615	-0.685	-0.395	0.089	0.541	0.712	0.542	0.128
2861	28.60	-0.327	-0.820	-0.639	-0.393	0.019	0.481	0.705	0.618	0.618	0.918
2871	28.70	2.042	1.920	1.485	0.766	-0.083	-0.828	-1.269	-1.239	-0.868	-0.362
2881	28.80	-0.010	-0.035	-0.500	-1.277	-2.107	-2.713	-2.911	-2.672	-2.105	-1.389
2891	28.90	-0.680	-0.056	0.488	0.984	1.442	1.814	2.006	1.929	1.566	0.997
2901	29.00	0.381	-0.109	-0.362	-0.374	-0.253	-0.144	-0.178	-0.385	-0.709	-1.031
2911	29.10	-1.248	-1.513	-1.280	-1.232	-1.215	-1.243	-1.289	-1.208	-0.904	-0.383
2921	29.20	0.262	0.878	1.326	1.546	1.597	1.592	1.605	1.928	2.245	2.532
2931	29.30	2.565	2.238	1.581	0.757	0.004	-0.466	-0.563	-0.271	0.202	0.692
2941	29.40	1.063	1.272	1.360	1.401	1.438	1.448	1.361	1.104	0.666	0.123
2951	29.50	-0.377	-0.676	-0.676	-0.388	0.077	0.555	0.897	1.025	0.946	0.723
2961	29.60	0.427	0.102	-0.264	-0.608	-0.959	-1.221	-1.292	-1.092	-0.624	0.006
2971	29.70	0.610	0.990	1.020	0.707	0.186	-0.531	-0.648	-0.664	-0.400	0.025
2981	29.80	0.459	0.788	0.967	1.018	0.979	0.875	0.683	0.385	-0.017	-0.451
2991	29.90	-0.791	-0.901	-0.710	-0.240	0.283	0.697	0.794	0.509	-0.044	-0.710

Table 7-32-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1974 1305-GR-1-19 U-D (U-D) HOROMAN BRIDGE MAX. ACC. = 19.321 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-5.001	-5.099	-4.116	-2.162	0.317	2.655	4.175	4.406	3.236	0.948
11	0.10	-1.873	-4.502	-6.261	-6.671	-5.542	-2.998	0.544	4.438	7.911	10.200
21	0.20	10.726	9.256	6.010	1.649	-2.872	-6.562	-8.686	-8.973	-7.672	-5.424
31	0.30	-3.002	-1.032	0.194	0.744	0.918	1.041	1.280	1.572	1.681	1.344
41	0.40	0.419	-1.033	-2.776	-4.498	-5.923	-6.887	-7.337	-7.279	-6.723	-5.656
51	0.50	-4.072	-2.026	0.337	2.791	5.093	7.058	8.598	9.711	10.408	10.653
61	0.60	10.345	9.375	7.731	5.569	3.317	1.371	0.112	-0.362	-0.287	-0.138
71	0.70	-0.417	-1.408	-3.027	-4.847	-6.287	-6.876	-6.455	-5.222	-3.597	-1.991
81	0.80	-0.606	0.604	1.827	3.158	4.421	5.166	4.845	3.118	0.116	-3.502
91	0.90	-6.746	-8.676	-8.805	-7.302	-4.905	-2.573	-1.045	-0.511	-0.589	-0.573
101	1.00	0.143	1.714	3.738	5.457	6.156	5.555	3.977	2.201	1.071	1.066
111	1.10	2.045	3.309	3.953	3.322	1.355	-1.370	-3.908	-5.382	-5.382	-4.120
121	1.20	-2.225	-0.636	0.290	0.482	0.346	0.431	1.101	2.316	3.660	4.571
131	1.30	4.552	3.882	2.629	1.449	0.808	0.857	1.379	1.935	2.102	1.676
141	1.40	0.737	-0.422	-1.516	-2.357	-2.948	-3.372	-3.663	-3.718	-3.327	-2.320
151	1.50	-0.732	1.110	2.671	3.422	3.104	1.882	0.306	-0.919	-1.246	-0.535
161	1.60	0.902	2.466	3.564	3.882	3.485	2.717	1.957	1.386	0.890	0.161
171	1.70	-1.067	-2.788	-4.636	-6.007	-6.335	-5.380	-3.376	-0.944	1.157	2.377
181	1.80	2.577	2.050	1.318	0.854	0.845	1.147	1.410	1.312	0.756	-0.083
191	1.90	-0.872	-1.327	-1.387	-1.249	-1.252	-1.653	-2.456	-3.362	-3.901	-3.665
201	2.00	-2.529	-0.740	1.171	2.616	3.165	2.818	1.781	0.518	-0.553	-1.203
211	2.10	-1.425	-1.357	-1.149	-0.856	-0.429	0.213	1.072	2.000	2.724	2.945
221	2.20	2.486	1.387	-0.096	-1.591	-2.765	-3.456	-3.715	-3.744	-3.762	-3.873
231	2.30	-3.991	-3.885	-3.291	-2.068	-0.305	1.666	3.365	4.338	4.325	3.376
241	2.40	1.860	0.330	-0.654	-0.735	0.095	1.486	2.843	3.543	3.182	1.743
251	2.50	-0.363	-2.428	-3.694	-3.639	-2.181	0.269	2.948	5.007	5.809	5.150
261	2.60	3.296	0.854	-1.478	-3.171	-4.028	-4.190	-4.005	-3.827	-3.842	-4.002
271	2.70	-4.086	-3.633	-3.100	-1.938	-0.572	0.705	1.664	2.230	2.484	2.583
281	2.80	2.652	2.697	2.604	2.217	1.459	0.430	-0.580	-1.181	-1.041	-0.046
291	2.90	1.610	3.482	5.020	5.777	5.591	4.637	3.337	2.171	1.449	1.175
301	3.00	1.036	0.572	-0.616	-2.612	-5.103	-7.439	-8.863	-8.805	-7.124	-4.199
311	3.10	-0.815	2.108	3.843	4.113	3.178	1.711	0.519	0.220	1.010	2.592
321	3.20	4.321	5.469	5.515	4.340	2.250	-0.167	-2.287	-3.676	-4.211	-4.053
331	3.30	-3.502	-2.618	-2.104	-1.295	-0.263	1.050	3.066	3.966	5.045	5.642
341	3.40	5.841	5.929	6.238	6.933	7.856	8.522	8.294	6.668	3.536	-0.705
351	3.50	-5.268	-9.256	-11.999	-13.271	-13.302	-12.585	-11.581	-10.493	-9.215	-7.485
361	3.60	-5.136	-2.295	0.574	2.872	4.155	4.392	4.018	3.739	4.175	5.513
371	3.70	7.359	8.878	9.169	7.701	4.592	0.602	-3.160	-5.679	-6.427	-5.524
381	3.80	-3.632	-1.643	-0.344	-0.180	-1.214	-3.228	-5.879	-8.790	-11.568	-13.756
391	3.90	-14.823	-14.250	-11.697	-7.193	-1.227	5.315	11.379	16.021	18.649	19.107
401	4.00	17.619	14.632	10.678	6.297	2.032	-1.570	-4.016	-5.005	-4.582	-3.214
411	4.10	-1.606	-0.828	-1.172	-2.708	-4.874	-6.827	-7.843	-7.674	-6.645	-5.429
421	4.20	-4.626	-4.364	-4.166	-3.192	-0.738	3.252	7.972	11.976	13.794	12.628
431	4.30	8.799	3.695	-0.799	-3.107	-2.652	-0.080	3.068	5.080	4.832	2.233
441	4.40	-1.835	-6.004	-9.069	-10.457	-10.324	-9.282	-7.968	-6.592	-5.057	-2.980
451	4.50	-0.130	3.330	6.843	9.689	11.330	11.652	10.972	9.824	8.442	7.549
461	4.60	6.147	4.718	2.494	0.180	-2.880	-5.124	-6.631	-7.463	-7.964	-8.483
471	4.70	-9.136	-9.667	-9.569	-8.378	-5.994	-2.820	0.359	2.731	3.839	3.799
481	4.80	3.215	2.845	3.184	4.197	5.349	5.918	5.417	3.896	1.946	0.409
491	4.90	-0.073	0.587	1.845	2.782	2.556	0.840	-1.991	-5.005	-7.110	-7.516

Table 7-32-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1974 1305-GR-1-19 U-D (U-D) HOROMAN BRIDGE MAX. ACC. = 19.321 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-6.043	-3.166	0.320	3.464	5.878	6.767	6.897	6.414	5.655	4.868
511	5.10	4.102	3.467	2.965	2.594	2.289	1.898	1.223	0.122	-1.384	-3.065
521	5.20	-4.552	-5.518	-5.645	-5.233	-4.588	-4.117	-4.016	-4.257	-4.320	-3.709
531	5.30	-2.099	0.398	3.198	5.448	6.387	5.696	3.676	1.150	-0.876	-1.666
541	5.40	-0.980	0.643	2.296	3.011	2.209	-0.044	-3.056	-5.794	-7.311	-7.132
551	5.50	-5.435	-2.953	-0.658	0.653	0.675	-0.301	-1.549	-2.255	-1.688	-0.445
561	5.60	1.555	3.315	4.151	3.819	2.660	1.442	0.991	1.751	3.501	5.375
571	5.70	6.206	5.065	1.753	-2.988	-7.678	-10.650	-10.741	-7.810	-2.847	2.385
581	5.80	6.018	6.970	5.088	1.428	-2.389	-4.879	-5.322	-4.027	-2.105	-0.873
591	5.90	-1.187	-3.019	-5.462	-7.179	-7.055	-4.754	-0.906	3.154	5.974	6.632
601	6.00	5.126	2.345	-0.355	-1.772	-1.375	0.504	2.883	4.618	4.933	3.736
611	6.10	1.595	-0.592	-2.045	-2.443	-2.002	-1.259	-0.722	-0.568	-0.558	-0.221
621	6.20	0.804	2.469	4.221	5.207	4.678	2.397	-1.147	-4.868	-7.489	-8.073
631	6.30	-6.423	-3.172	0.477	3.247	4.284	3.456	1.328	-1.138	-3.000	-3.678
641	6.40	-3.081	-1.517	0.535	2.640	4.511	5.975	6.882	7.052	6.311	4.628
651	6.50	2.239	-0.331	-2.404	-3.419	-3.170	-1.941	-0.390	0.735	0.954	0.285
661	6.60	-0.765	-1.146	-1.143	0.307	2.520	4.726	6.127	6.250	5.151	3.356
671	6.70	1.596	0.462	0.162	0.471	0.902	0.969	0.426	-0.614	-1.908	-2.971
681	6.80	-3.560	-3.617	-3.277	-2.754	-2.222	-1.756	-1.346	-0.947	-0.546	-0.145
691	6.90	0.265	0.749	1.424	2.396	3.664	5.955	6.239	6.843	6.614	5.554
701	7.00	3.935	2.190	0.710	-0.344	-1.118	-1.989	-3.355	-5.406	-7.990	-10.643
711	7.10	-12.768	-13.887	-13.832	-12.788	-11.160	-9.382	-7.696	-6.092	-4.383	-2.381
721	7.20	-0.032	2.277	4.255	5.499	5.821	5.620	4.778	4.459	4.845	5.691
731	7.30	7.310	8.299	8.251	6.832	4.979	0.868	-2.978	-4.653	-5.763	-5.804
741	7.40	-5.240	-4.681	-4.570	-4.972	-5.525	-5.599	-4.570	-2.118	1.597	5.931
751	7.50	9.951	12.745	13.722	12.809	10.448	7.422	4.588	2.500	1.429	1.145
761	7.60	1.155	0.914	0.042	-1.527	-3.543	-5.562	-7.035	-7.676	-7.374	-6.296
771	7.70	-4.777	-3.174	-1.731	-0.505	0.620	1.831	3.251	4.824	6.271	7.153
781	7.80	7.017	5.572	2.838	-0.815	-4.735	-8.156	-10.407	-11.054	-9.989	-7.389
791	7.90	-3.618	0.887	5.676	10.323	14.403	17.494	19.216	19.321	17.780	14.827
801	8.00	10.912	6.588	2.249	-1.791	-5.521	-9.012	-12.261	-15.221	-17.494	-18.763
811	8.10	-18.836	-17.846	-16.250	-14.662	-13.546	-12.954	-12.422	-11.143	-8.340	-3.700
821	8.20	2.353	8.700	13.885	16.666	16.511	13.811	9.722	5.681	2.828	1.589
831	8.30	1.595	1.958	1.759	0.503	-1.663	-4.067	-5.869	-6.476	-5.795	-4.212
841	8.40	-2.329	-0.613	0.854	2.376	4.409	7.210	10.567	13.762	15.799	15.804
851	8.50	13.413	8.958	3.369	-2.159	-6.599	-9.409	-10.639	-10.770	-10.410	-9.971
861	8.60	-9.502	-8.918	-7.143	-4.539	-0.639	3.560	7.988	11.952	14.506	14.805
871	8.70	12.895	9.642	5.076	-0.180	-5.399	-9.044	-12.899	-14.206	-13.776	-12.042
881	8.80	-9.749	-7.758	-6.775	-7.103	-8.536	-10.417	-11.878	-12.143	-10.809	-7.985
891	8.90	-4.131	-0.030	3.693	6.691	8.979	10.817	12.487	14.059	15.274	15.604
901	9.00	14.471	11.543	6.956	1.392	-4.105	-8.415	-10.722	-10.715	-8.944	-6.069
911	9.10	-3.117	-0.832	0.198	1.081	1.441	2.122	3.409	5.179	6.967	8.184
921	9.20	8.402	7.570	6.031	4.381	3.178	2.675	2.683	2.442	1.870	1.109
931	9.30	-3.307	-7.193	-10.836	-13.199	-13.516	-11.527	-7.546	-2.436	2.851	7.566
941	9.40	10.477	11.956	11.830	10.465	8.213	5.447	2.486	-0.390	-2.900	-4.785
951	9.50	-5.827	-5.898	-5.005	-3.299	-1.060	1.360	3.605	5.379	6.502	6.934
961	9.60	6.783	6.262	5.627	5.090	4.741	4.512	4.203	3.571	2.455	0.879
971	9.70	-0.918	-2.547	-3.620	-3.910	-3.455	-2.542	-1.584	-0.926	-0.694	-0.755
981	9.80	-0.816	-0.618	-0.119	0.435	0.691	-0.036	-1.621	-3.077	-6.167	-7.722
991	9.90	-7.975	-8.823	-8.694	-2.381	-0.710	-0.186	-0.787	-2.002	-3.079	-3.585

Table 7-32-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1974 1305-GR-1-19 U-D (U-D) HOROMAN BRIDGE MAX. ACC. = 19.321 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	-2.690	-1.255	0.304	1.317	1.363	0.440	-1.052	-2.511	-3.386	-3.371
1011	10.10	-2.470	-0.911	1.001	3.008	4.935	6.644	7.955	8.614	8.356	7.031
1021	10.20	4.734	1.856	-1.099	-3.262	-4.525	-4.787	-4.391	-3.871	-3.696	-4.059
1031	10.30	-4.802	-5.504	-5.695	-5.077	-3.657	-1.723	0.309	2.084	3.446	4.452
1041	10.40	5.265	5.989	6.559	6.726	6.172	4.681	2.292	0.664	-5.639	-6.049
1051	10.50	-7.456	-7.648	-6.859	-5.304	-3.378	-1.439	0.263	1.565	2.371	2.633
1061	10.60	2.370	1.700	0.854	0.142	-0.150	0.129	0.903	1.873	2.610	2.728
1071	10.70	2.947	0.677	-1.016	-2.569	-3.565	-3.880	-3.636	-3.160	-2.808	-2.790
1081	10.80	-3.075	-3.451	-3.456	-2.947	-1.840	-0.341	1.169	2.291	2.770	2.592
1091	10.90	1.979	1.289	0.866	0.904	1.385	2.104	2.766	3.110	3.015	2.526
1101	11.00	1.833	1.175	0.754	0.662	0.867	1.255	1.688	2.074	2.397	2.698
1111	11.10	3.039	3.395	3.718	3.855	3.650	3.023	2.021	0.861	-0.234	-0.930
1121	11.20	-1.095	-0.775	-0.201	0.280	0.340	-0.211	-1.351	-2.858	-4.393	-5.613
1131	11.30	-6.279	-6.306	-5.764	-4.821	-3.687	-2.560	-1.606	-0.957	-0.697	-0.854
1141	11.40	-1.361	-2.949	-2.663	-2.922	-2.619	-1.704	-0.326	1.204	2.515	3.310
1151	11.50	3.467	3.075	2.373	1.647	1.100	0.791	0.640	0.498	0.247	-0.135
1161	11.60	-0.572	-0.939	-1.150	-1.211	-1.228	-1.368	-1.671	-2.167	-2.761	-3.184
1171	11.70	-3.262	-2.899	-2.129	-1.089	0.049	1.156	2.179	3.125	4.001	4.750
1181	11.80	5.231	5.248	4.636	3.349	1.519	-0.562	-2.517	-3.999	-4.796	-4.877
1191	11.90	-4.372	-3.504	-2.501	-1.531	-0.684	0.004	0.515	0.811	0.841	0.564
1201	12.00	-0.006	-0.775	-1.574	-2.197	-2.465	-2.278	-1.652	-0.709	0.360	1.349
1211	12.10	2.087	2.479	2.516	2.268	1.859	1.434	1.131	1.044	1.208	1.583
1221	12.20	2.068	2.531	2.841	2.915	2.731	2.339	1.831	1.307	0.866	0.483
1231	12.30	0.221	0.053	-0.011	0.067	0.345	0.669	1.643	2.605	3.629	4.556
1241	12.40	5.231	5.556	5.477	5.010	4.202	3.115	1.817	0.395	-1.034	-2.319
1251	12.50	-3.292	-3.816	-3.838	-3.425	-2.744	-2.025	-1.449	-1.091	-0.831	-0.645
1261	12.60	-0.194	0.566	1.551	2.525	3.168	3.216	2.585	1.430	0.094	-1.014
1271	12.70	-1.577	-1.490	-0.887	-0.069	0.628	0.979	0.948	0.675	0.393	0.308
1281	12.80	0.506	0.914	1.365	1.653	1.631	1.247	0.543	-0.388	-1.437	-2.504
1291	12.90	-3.490	-4.286	-4.767	-4.826	-4.415	-3.588	-2.508	-1.403	-0.487	0.120
1301	13.00	0.435	0.594	0.769	1.078	1.513	1.938	2.157	2.007	1.451	0.598
1311	13.10	-0.338	-1.125	-1.608	-1.753	-1.634	-1.373	-1.069	-0.758	-0.430	-0.072
1321	13.20	0.282	0.531	0.549	0.248	-0.360	-1.142	-1.884	-2.380	-2.513	-2.300
1331	13.30	-1.877	-1.424	-1.084	-0.909	-0.865	-0.882	-0.917	-0.997	-1.199	-1.594
1341	13.40	-2.183	-2.860	-3.439	-3.725	-3.598	-3.063	-2.247	-1.330	-0.469	0.264
1351	13.50	0.885	1.451	2.001	2.510	2.901	3.092	3.055	2.844	2.568	2.320
1361	13.60	2.111	1.843	1.356	0.519	-0.656	-1.974	-3.123	-3.778	-3.760	-3.127
1371	13.70	-2.160	-1.242	-0.690	-0.609	-0.858	-1.127	-1.107	-0.446	0.170	1.062
1381	13.80	1.699	1.866	1.570	1.039	0.602	0.536	0.926	1.639	2.392	2.892
1391	13.90	2.966	2.625	2.031	1.392	0.859	0.461	0.119	-0.277	-0.780	-1.334
1401	14.00	-1.796	-2.001	-1.860	-1.402	-0.776	-0.176	0.241	0.422	0.426	0.372
1411	14.10	0.368	0.445	0.543	0.544	0.345	-0.078	-0.648	-1.207	-1.583	-1.662
1421	14.20	-1.427	-0.963	-0.414	0.079	0.430	0.632	0.746	0.859	1.045	1.333
1431	14.30	1.695	2.062	2.352	2.497	2.466	2.267	1.948	1.576	1.218	0.923
1441	14.40	0.705	0.542	0.384	0.176	-0.118	-0.489	-0.883	-1.210	-1.370	-1.297
1451	14.50	-0.980	-0.473	0.120	0.686	1.140	1.452	1.651	1.800	1.960	2.154
1461	14.60	2.351	2.474	2.439	2.190	1.729	1.120	0.467	-0.121	-0.572	-0.861
1471	14.70	-1.014	-1.084	-1.123	-1.163	-1.220	-1.299	-1.403	-1.567	-1.791	-2.079
1481	14.80	-2.397	-2.678	-2.843	-2.836	-2.647	-2.321	-1.940	-1.587	-1.306	-1.089
1491	14.90	-0.890	-0.659	-0.378	-0.085	0.165	0.244	0.191	0.039	-0.107	-0.137

Table 7-32-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1974 1305-GR-1-19 U-D (U-D) HOROMAN BRIDGE MAX. ACC. = 19.321 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1501	15.00	0.007	0.299	0.644	0.936	1.123	1.250	1.444	1.841	2.405	3.315
1511	15.10	4.064	4.440	4.203	3.279	1.817	0.134	-1.399	-2.500	-3.070	-3.199
1521	15.20	-3.098	-2.976	-2.942	-2.972	-2.945	-2.740	-2.306	-1.701	-1.050	-0.472
1531	15.30	-0.007	0.402	0.868	1.472	2.186	2.852	3.229	3.105	2.399	1.225
1541	15.40	-0.137	-1.338	-2.085	-2.269	-1.890	-1.215	-0.479	0.119	0.493	0.684
1551	15.50	0.866	0.980	1.283	1.714	2.207	2.652	2.934	2.954	2.649	2.015
1561	15.60	1.108	0.056	-0.960	-1.747	-2.113	-2.078	-1.595	-0.840	-0.012	0.701
1571	15.70	1.185	1.423	1.476	1.438	1.378	1.312	1.197	0.971	0.589	0.050
1581	15.80	-0.591	-1.248	-1.831	-2.276	-2.551	-2.653	-2.600	-2.417	-2.141	-1.818
1591	15.90	-1.497	-1.220	-1.002	-0.822	-0.631	-0.375	-0.043	0.318	0.594	0.653
1601	16.00	0.398	-0.182	-0.969	-1.770	-2.364	-2.593	-2.409	-1.883	-1.166	-0.414
1611	16.10	0.271	0.868	1.412	1.946	2.470	2.919	3.186	3.188	2.820	2.185
1621	16.20	1.388	0.553	-0.173	-0.727	-1.115	-1.303	-1.295	-1.226	-1.016	-1.015
1631	16.30	-1.694	-1.448	-1.101	-0.700	-0.300	0.045	0.285	0.376	0.285	-0.002
1641	16.40	-0.152	-0.982	-1.455	-1.719	-1.658	-1.214	-0.460	0.462	1.361	2.078
1651	16.50	2.513	2.670	2.620	2.462	2.277	2.096	1.911	1.696	1.440	1.160
1661	16.60	0.859	0.655	0.456	0.255	-0.002	-0.345	-0.761	-1.178	-1.495	-1.623
1671	16.70	-1.525	-1.235	-0.843	-0.452	-0.132	0.102	0.284	0.463	0.659	0.838
1681	16.80	0.918	0.811	0.673	-0.061	-0.670	-1.190	-1.465	-1.412	-1.043	-0.659
1691	16.90	0.194	0.783	1.227	1.514	1.686	1.799	1.894	1.969	1.982	1.872
1701	17.00	1.584	1.093	0.415	-0.392	-1.239	-2.027	-2.656	-3.049	-3.164	-3.003
1711	17.10	-2.606	-2.049	-1.416	-0.778	-0.180	0.361	0.847	1.272	1.607	1.799
1721	17.20	1.784	1.522	1.027	0.385	-0.264	-0.761	-0.961	-0.879	-0.500	0.056
1731	17.30	0.582	1.021	1.296	1.421	1.453	1.445	1.417	1.333	1.129	0.749
1741	17.40	0.187	-0.489	-1.152	-1.657	-1.895	-1.835	-1.537	-1.127	-0.743	-0.488
1751	17.50	-0.391	-0.410	-0.459	-0.454	-0.354	-0.175	0.026	0.181	0.252	0.247
1761	17.60	0.221	0.284	0.324	0.268	0.166	0.066	0.214	0.283	0.155	0.940
1771	17.70	0.704	0.496	0.332	0.187	0.016	-0.225	-0.538	-0.891	-1.218	-1.443
1781	17.80	-1.509	-1.397	-1.127	-0.751	-0.336	0.054	0.369	0.573	0.643	0.568
1791	17.90	0.347	-0.000	-0.431	-0.884	-1.285	-1.566	-1.684	-1.629	-1.430	-1.141
1801	18.00	-0.821	-0.522	-0.273	-0.078	0.071	0.193	0.300	0.398	0.488	0.569
1811	18.10	0.612	0.712	0.782	0.852	0.913	0.946	0.932	0.848	0.682	0.431
1821	18.20	0.100	-0.284	-0.724	-1.167	-1.585	-1.944	-2.214	-2.366	-2.386	-2.272
1831	18.30	-2.040	-1.716	-1.337	-0.941	-0.560	-0.216	0.085	0.348	0.586	0.818
1841	18.40	1.057	1.306	1.556	1.783	1.961	2.064	2.074	1.990	1.823	1.591
1851	18.50	1.312	0.996	0.652	0.286	-0.088	-0.439	-0.725	-0.898	-0.925	-0.800
1861	18.60	-0.551	-0.230	0.099	0.388	0.619	0.810	0.997	1.213	1.465	1.722
1871	18.70	1.922	1.999	1.913	1.674	1.336	0.986	0.701	0.518	0.414	0.319
1881	18.80	0.148	-0.158	-0.601	-1.110	-1.571	-1.859	-1.891	-1.652	-1.207	-0.672
1891	18.90	-0.186	0.139	0.241	0.117	-0.185	-0.589	-1.007	-1.364	-1.602	-1.689
1901	19.00	-1.619	-1.417	-1.131	-0.823	-0.553	-0.366	-0.271	-0.247	-0.251	-0.265
1911	19.10	-0.215	-0.180	-0.186	-0.281	-0.486	-0.775	-1.078	-1.303	-1.369	-1.242
1921	19.20	-0.944	-0.545	-0.134	0.220	0.486	0.675	0.822	0.954	1.069	1.132
1931	19.30	1.090	0.903	0.548	0.127	-0.341	-0.746	-1.015	-1.111	-1.035	-0.810
1941	19.40	-0.472	-0.054	0.415	0.899	1.358	1.722	1.949	2.002	1.879	1.618
1951	19.50	1.281	0.931	0.609	0.323	0.056	-0.222	-0.511	-0.789	-1.001	-1.088
1961	19.60	-1.007	-0.753	-0.364	0.099	0.569	0.996	1.356	1.646	1.862	1.994
1971	19.70	2.018	1.907	1.651	1.270	0.817	0.361	-0.035	-0.338	-0.553	-0.716
1981	19.80	-0.874	-1.054	-1.251	-1.430	-1.540	-1.541	-1.421	-1.201	-0.925	-0.638
1991	19.90	-0.367	-0.118	0.120	0.360	0.603	0.830	1.013	1.129	1.172	1.160

Table 7-32-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1974 1305-GR-1-19 U-D (U-D) HOROMAN BRIDGE MAX. ACC. = 19.321 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	1.126	1.106	1.116	1.148	1.174	1.166	1.100	0.990	0.862	0.753
2011	20.10	0.685	0.657	0.640	0.594	0.484	0.297	0.047	-0.235	-0.519	-0.786
2021	20.20	-1.065	-1.306	-1.579	-1.851	-2.083	-2.222	-2.218	-2.054	-1.752	-1.372
2031	20.30	-0.903	-0.679	-0.462	-0.333	-0.256	-0.182	-0.091	0.016	0.099	0.123
2041	20.40	0.060	-0.087	-0.282	-0.470	-0.595	-0.622	-0.546	-0.380	-0.163	0.076
2051	20.50	0.318	0.558	0.796	1.032	1.256	1.449	1.580	1.623	1.560	1.393
2061	20.60	1.142	0.850	0.573	0.371	0.294	0.363	0.562	0.834	1.092	1.238
2071	20.70	1.197	0.938	0.689	-0.072	-0.641	-1.117	-1.436	-1.574	-1.562	-1.449
2081	20.80	-1.287	-1.110	-0.931	-0.750	-0.562	-0.373	-0.196	-0.047	0.068	0.160
2091	20.90	0.257	0.386	0.564	0.778	0.969	1.165	1.197	1.123	0.937	0.681
2101	21.00	0.413	0.186	0.025	-0.073	-0.137	-0.207	-0.316	-0.482	-0.698	-0.938
2111	21.10	-1.162	-1.331	-1.415	-1.397	-1.280	-1.085	-0.848	-0.611	-0.412	-0.270
2121	21.20	-0.215	-0.207	-0.228	-0.247	-0.244	-0.220	-0.194	-0.196	-0.259	-0.403
2131	21.30	-0.625	-0.900	-1.184	-1.428	-1.587	-1.633	-1.554	-1.355	-1.055	-0.674
2141	21.40	-0.241	0.217	0.665	1.066	1.369	1.540	1.552	1.403	1.126	0.778
2151	21.50	0.428	0.134	-0.075	-0.214	-0.331	-0.469	-0.730	-1.054	-1.403	-1.683
2161	21.60	-1.789	-1.650	-1.258	-0.678	-0.026	0.577	1.031	1.304	1.423	1.456
2171	21.70	1.472	1.505	1.545	1.541	1.436	1.197	0.836	0.414	0.016	-0.279
2181	21.80	-0.427	-0.431	-0.331	-0.185	-0.045	0.060	0.129	0.174	0.209	0.237
2191	21.90	0.252	0.241	0.197	0.122	0.028	-0.077	-0.189	-0.318	-0.479	-0.677
2201	22.00	-0.893	-1.080	-1.166	-1.078	-0.768	-0.236	0.461	1.213	1.890	2.375
2211	22.10	2.592	2.530	2.234	1.794	1.307	0.859	0.495	0.223	0.015	-0.171
2221	22.20	-0.376	-0.625	-0.923	-1.254	-1.585	-1.880	-2.101	-2.218	-2.217	-2.100
2231	22.30	-1.887	-1.616	-1.331	-1.075	-0.873	-0.727	-0.618	-0.510	-0.372	-0.192
2241	22.40	0.021	0.232	0.405	0.521	0.588	0.648	0.752	0.940	1.210	1.509
2251	22.50	1.741	1.807	1.637	1.230	0.660	0.058	-0.428	-0.686	-0.674	-0.429
2261	22.60	-0.050	0.346	0.665	0.866	0.963	1.004	1.042	1.102	1.173	1.213
2271	22.70	1.172	1.020	0.762	0.438	0.105	-0.179	-0.380	-0.496	-0.551	-0.562
2281	22.80	-0.621	-0.687	-0.779	-0.882	-0.974	-1.036	-1.057	-1.033	-0.965	-0.861
2291	22.90	-0.733	-0.591	-0.450	-0.317	-0.199	-0.094	0.003	0.100	0.203	0.309
2301	23.00	0.415	0.511	0.591	0.656	0.712	0.766	0.827	0.898	0.974	1.051
2311	23.10	1.123	1.187	1.242	1.285	1.307	1.294	1.227	1.093	0.891	0.636
2321	23.20	0.354	0.076	-0.173	-0.379	-0.540	-0.658	-0.728	-0.735	-0.659	-0.479
2331	23.30	-0.197	0.158	0.532	0.855	1.065	1.129	1.053	0.874	0.649	0.427
2341	23.40	0.232	0.055	-0.133	-0.370	-0.677	-1.045	-1.433	-1.776	-2.008	-2.075
2351	23.50	-1.960	-1.678	-1.283	-0.843	-0.430	-0.093	0.146	0.304	0.416	0.526
2361	23.60	0.661	0.818	0.963	1.045	1.019	0.868	0.615	0.317	0.043	-0.155
2371	23.70	-0.264	-0.315	-0.362	-0.460	-0.628	-0.844	-1.050	-1.183	-1.196	-1.084
2381	23.80	-0.876	-0.618	-0.344	-0.065	0.229	0.548	0.868	1.126	1.228	1.085
2391	23.90	0.665	0.018	-0.718	-1.361	-1.746	-1.787	-1.508	-1.031	-0.529	-0.153
2401	24.00	0.023	0.016	-0.078	-0.146	-0.106	0.055	0.285	0.493	0.599	0.565
2411	24.10	0.409	0.184	-0.050	-0.259	-0.444	-0.633	-0.855	-1.114	-1.381	-1.600
2421	24.20	-1.751	-1.680	-1.511	-1.244	-0.936	-0.636	-0.371	-0.137	0.086	0.314
2431	24.30	0.550	0.774	0.962	1.097	1.185	1.255	1.345	1.479	1.653	1.826
2441	24.40	1.941	1.942	1.807	1.556	1.245	0.942	0.692	0.505	0.350	0.177
2451	24.50	-0.049	-0.325	-0.602	-0.804	-0.858	-0.734	-0.459	-0.112	0.206	0.410
2461	24.60	0.461	0.372	0.192	-0.022	-0.233	-0.436	-0.646	-0.877	-1.120	-1.332
2471	24.70	-1.454	-1.441	-1.270	-0.975	-0.624	-0.298	-0.053	0.098	0.182	0.253
2481	24.80	0.360	0.522	0.722	0.917	1.056	1.101	1.038	0.875	0.633	0.334
2491	24.90	0.004	-0.328	-0.621	-0.829	-0.908	-0.835	-0.624	-0.323	-0.007	0.258

Table 7-32-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1974 1305-GR-1-19 U-D (U-D) HOROMAN BRIDGE MAX. ACC. = 19.321 (GAL) T= 7.98 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.433	0.524	0.572	0.629	0.726	0.856	0.974	1.021	0.952	0.762
2511	25.10	0.490	0.198	-0.060	-0.261	-0.426	-0.603	-0.834	-1.123	-1.425	-1.661
2521	25.20	-1.744	-1.629	-1.328	-0.917	-0.500	-0.170	0.028	0.112	0.168	0.215
2531	25.30	0.364	0.597	0.860	1.075	1.168	1.110	0.920	0.660	0.403	0.203
2541	25.40	0.014	-0.013	-0.111	-0.266	-0.497	-0.783	-1.068	-1.277	-1.363	-1.305
2551	25.50	-1.122	-0.866	-0.596	-0.363	-0.188	-0.065	0.032	0.133	0.259	0.413
2561	25.60	0.582	0.742	0.864	0.929	0.924	0.843	0.689	0.468	0.195	-0.109
2571	25.70	-0.417	-0.701	-0.939	-1.125	-1.271	-1.399	-1.536	-1.694	-1.862	-2.006
2581	25.80	-2.076	-2.028	-1.860	-1.522	-1.117	-0.685	-0.279	0.069	0.363	0.630
2591	25.90	0.911	1.232	1.593	1.959	2.273	2.475	2.523	2.411	2.168	1.851
2601	26.00	1.526	1.241	1.021	0.856	0.715	0.554	0.343	0.071	-0.243	-0.554
2611	26.10	-0.807	-0.943	-0.926	-0.745	-0.423	-0.014	0.410	0.770	1.003	1.070
2621	26.20	0.967	0.722	0.387	0.021	-0.327	-0.627	-0.872	-1.074	-1.246	-1.393
2631	26.30	-1.495	-1.519	-1.422	-1.173	-0.773	-0.258	0.301	0.814	1.203	1.414
2641	26.40	1.439	1.305	1.070	0.795	0.533	0.313	0.143	0.012	-0.095	-0.195
2651	26.50	-0.302	-0.428	-0.579	-0.760	-0.984	-1.169	-1.340	-1.431	-1.396	-1.208
2661	26.60	-0.864	-0.394	-0.148	0.497	1.184	1.595	1.881	2.048	2.105	2.062
2671	26.70	1.931	1.724	1.459	1.159	0.851	0.558	0.295	0.060	-0.157	-0.362
2681	26.80	-0.549	-0.689	-0.738	-0.851	-0.404	-0.013	0.459	0.920	1.269	1.437
2691	26.90	1.400	1.195	0.896	0.590	0.340	0.164	0.037	-0.094	-0.275	-0.520
2701	27.00	-0.709	-1.046	-1.186	-1.166	-0.979	-0.667	-0.307	0.020	0.261	0.412
2711	27.10	0.513	0.627	0.809	1.076	1.391	1.670	1.811	1.734	1.409	0.878
2721	27.20	0.242	-0.382	-0.810	-1.024	-0.998	-0.793	-0.513	-0.263	-0.115	-0.081
2731	27.30	-0.116	-0.151	-0.092	0.082	0.302	0.702	1.007	1.207	1.263	1.177
2741	27.40	0.983	0.728	0.452	0.175	-0.102	-0.376	-0.636	-0.859	-1.012	-1.080
2751	27.50	-1.073	-1.036	-1.028	-1.096	-1.246	-1.427	-1.544	-1.493	-1.213	-0.915
2761	27.60	-0.105	0.452	0.786	0.781	0.421	-0.203	-0.921	-1.545	-1.926	-2.014
2771	27.70	-1.836	-1.497	-1.116	-0.786	-0.544	-0.374	-0.233	-0.082	0.091	0.260
2781	27.80	0.382	0.416	0.351	0.211	0.046	-0.094	-0.179	-0.214	-0.231	-0.275
2791	27.90	-0.375	-0.530	-0.708	-0.856	-0.928	-0.902	-0.792	-0.660	-0.495	-0.396
2801	28.00	-0.355	-0.356	-0.367	-0.359	-0.318	-0.253	-0.185	-0.135	-0.112	-0.107
2811	28.10	-0.098	-0.064	0.007	0.105	0.209	0.289	0.322	0.298	0.224	0.118
2821	28.20	-0.001	-0.119	-0.229	-0.328	-0.421	-0.511	-0.606	-0.710	-0.836	-0.990
2831	28.30	-1.187	-1.350	-1.506	-1.595	-1.584	-1.459	-1.236	-0.954	-0.665	-0.416
2841	28.40	-0.232	-0.108	-0.021	0.060	0.156	0.267	0.372	0.446	0.465	0.427
2851	28.50	0.342	0.235	0.123	0.015	-0.096	-0.222	-0.363	-0.502	-0.599	-0.602
2861	28.60	-0.467	-0.175	0.247	0.736	1.201	1.568	1.711	1.664	1.433	1.087
2871	28.70	0.717	0.445	0.253	0.267	0.455	0.725	1.118	1.583	1.931	2.178
2881	28.80	2.295	2.286	2.167	1.966	1.706	1.415	1.104	0.781	0.533	0.328
2891	28.90	-0.176	-0.443	-0.655	-0.809	-0.912	-0.988	-1.059	-1.139	-1.223	-1.283
2901	29.00	-1.276	-1.166	-0.939	-0.613	-0.236	0.127	0.420	0.616	0.717	0.768
2911	29.10	0.737	0.693	0.605	0.419	0.213	-0.083	-0.381	-0.602	-0.674	-0.569
2921	29.20	-0.316	0.004	0.307	0.525	0.655	0.745	0.859	1.032	1.233	1.372
2931	29.30	1.336	1.049	0.544	0.044	-0.511	-0.665	-0.419	0.161	0.887	1.425
2941	29.40	1.609	1.332	0.687	-0.091	-0.717	-0.968	-0.764	-0.190	0.554	1.235
2951	29.50	1.676	1.808	1.667	1.360	1.004	0.686	0.441	0.265	0.138	0.044
2961	29.60	-0.028	-0.086	-0.146	-0.232	-0.368	-0.561	-0.786	-0.993	-1.122	-1.130
2971	29.70	-1.005	-0.779	-0.502	-0.226	0.023	0.247	0.468	0.704	0.950	1.176
2981	29.80	1.333	1.381	1.307	1.133	0.908	0.687	0.506	0.375	0.276	0.182
2991	29.90	0.074	-0.051	-0.178	-0.288	-0.371	-0.430	-0.479	-0.532	-0.593	-0.650

Table 7-33-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1975 1305-GR-1-19 HB. (HB.) HOROMAN BRIDGE MAX. ACC. = -94.428 (GAL) T= 8.52 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-19.683	-18.736	-11.004	0.577	11.717	17.859	17.113	10.547	1.612	-5.437
11	0.10	-8.470	-6.597	-1.972	2.504	4.602	3.815	1.335	-0.929	-1.610	-0.675
21	0.20	0.714	1.112	-0.137	-2.377	-4.014	-3.567	-0.729	3.262	6.232	6.364
31	0.30	3.400	-1.013	-4.142	-3.746	0.449	6.304	10.207	9.012	1.949	-8.588
41	0.40	-17.911	-21.255	-16.233	-4.249	9.934	20.358	22.710	16.424	4.963	-5.891
51	0.50	-10.901	-7.958	0.915	10.621	15.598	12.639	2.559	-10.134	-19.380	-20.475
61	0.60	-12.346	1.881	16.216	24.581	23.304	12.878	-2.414	-16.389	-23.592	-21.650
71	0.70	-12.096	0.381	10.038	12.591	7.052	-3.854	-14.805	-20.577	-17.680	-6.675
81	0.80	8.309	21.217	26.719	22.637	11.035	-2.599	-11.812	-12.201	-3.592	9.703
91	0.90	20.789	23.632	15.154	-1.348	-19.221	-30.508	-29.054	-17.069	2.699	21.300
101	1.00	31.311	29.365	17.470	1.733	-10.807	-15.609	-12.599	-5.749	-0.588	-1.026
111	1.10	-7.187	-15.366	-20.100	-17.213	-6.227	9.129	22.551	28.094	22.951	8.722
121	1.20	-9.330	-24.581	-31.743	-28.752	-17.149	-1.060	14.540	25.456	29.236	25.432
131	1.30	15.366	1.750	-11.779	-21.340	-23.601	-17.975	-5.505	9.179	20.171	22.428
141	1.40	14.173	-1.833	-19.029	-29.742	-28.736	-15.929	3.196	19.900	26.283	19.215
151	1.50	2.109	-16.495	-26.983	-23.444	-6.784	15.442	32.509	35.672	22.486	-1.865
161	1.60	-26.690	-41.651	-39.807	-22.404	2.857	25.400	36.681	33.796	20.182	3.274
171	1.70	-9.480	-14.129	-11.540	-6.078	-2.590	-3.462	-7.380	-10.372	-8.453	-0.301
181	1.80	11.574	21.857	25.130	18.790	4.627	-11.812	-23.779	-26.498	-19.378	-6.168
191	1.90	6.983	14.414	13.698	6.344	-3.207	-10.015	-11.100	-6.710	0.136	5.462
201	2.00	6.494	3.022	-2.682	-7.230	-7.992	-4.464	1.563	7.033	9.278	7.379
211	2.10	2.552	-2.577	-5.401	-4.671	-1.062	3.274	5.907	5.416	2.099	-2.220
221	2.20	-5.176	-5.090	-1.844	3.044	7.139	8.247	5.454	-0.416	-7.123	-11.927
231	2.30	-12.707	-8.814	-1.348	7.212	13.877	16.175	13.017	5.116	-5.177	-14.576
241	2.40	-19.919	-19.253	-12.587	-1.998	9.005	16.703	18.557	14.203	5.616	-3.687
251	2.50	-10.120	-11.550	-8.183	-2.378	2.548	3.980	1.312	-3.753	-8.096	-8.861
261	2.60	-4.945	2.131	9.063	12.339	10.133	3.390	-4.505	-9.380	-8.441	-1.641
271	2.70	7.219	13.984	14.552	7.963	-3.115	-13.552	-18.253	-14.752	-4.590	7.291
281	2.80	14.914	14.234	5.249	-7.866	-18.699	-21.726	-15.054	-1.432	13.008	21.686
291	2.90	20.748	10.906	-2.940	-14.130	-17.495	-11.840	-0.438	10.669	15.703	11.992
301	3.00	1.247	-11.318	-19.559	-19.343	-16.464	3.380	16.420	23.514	22.382	14.354
311	3.10	3.406	-5.895	-10.467	-9.804	-5.702	-0.929	2.324	3.390	3.057	2.688
321	3.20	3.146	4.202	4.758	3.683	0.713	-3.181	-6.216	-6.781	-4.436	-0.274
331	3.30	3.553	4.944	2.988	-1.490	-6.321	-9.101	-8.447	-4.736	0.094	3.543
341	3.40	3.839	0.853	-3.837	-7.720	-8.555	-5.397	1.034	8.732	15.286	18.782
351	3.50	18.359	14.282	7.657	0.047	-6.860	-11.393	-12.376	-9.312	-2.893	4.892
361	3.60	11.164	13.168	9.567	1.380	-8.049	-14.292	-13.883	-6.244	5.573	15.929
371	3.70	19.156	12.525	-1.906	-17.662	-26.581	-22.766	-5.908	17.797	37.870	44.138
381	3.80	31.661	3.633	-29.330	-53.450	-57.849	-39.661	-5.775	29.771	51.744	50.430
391	3.90	26.095	-10.894	-44.403	-59.499	-48.969	-16.524	24.726	57.867	69.393	54.888
401	4.00	20.763	-18.651	-47.310	-54.224	-37.875	-6.441	28.127	46.344	46.966	29.759
411	4.10	4.163	-17.439	-25.594	-18.083	-0.701	15.824	21.267	11.111	-10.993	-34.758
421	4.20	-48.136	-43.264	-20.620	10.698	36.882	45.717	32.637	3.099	-29.419	-49.584
431	4.30	-46.931	-21.319	17.018	51.782	67.924	58.435	27.483	-11.559	-42.271	-52.633
441	4.40	-40.326	-13.448	13.566	26.961	19.936	-4.113	-33.380	-53.158	-52.577	-29.491
451	4.50	8.593	47.771	73.566	76.710	56.476	20.406	-19.100	-49.643	-63.085	-57.680
461	4.60	-37.651	-10.837	14.364	31.551	37.659	33.009	20.454	4.153	-11.578	-23.168
471	4.70	-26.383	-26.635	-18.989	-7.825	3.816	13.075	18.044	18.214	14.441	8.478
481	4.80	2.284	-2.601	-5.401	-6.100	-5.185	-3.325	-1.133	0.925	2.502	3.332
491	4.90	3.240	2.218	0.515	-1.352	-2.701	-2.906	-1.679	0.700	3.312	4.758

Table 7-33-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1975 1305-GR-1-19 HB. (HB.) HOROMAN BRIDGE MAX. ACC. = -94.428 (GAL) T= 8.52 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	3.590	-1.089	-9.022	-18.475	-26.425	-29.395	-24.762	-12.114	5.972	24.234
511	5.10	36.287	37.027	24.968	3.454	-20.023	-36.405	-38.677	-25.037	-0.159	26.234
521	5.20	43.108	42.726	24.149	-5.970	-35.834	-53.273	-50.866	-29.202	3.196	33.326
531	5.30	49.103	44.410	21.628	-9.442	-35.788	-46.701	-38.242	-14.751	13.197	33.457
541	5.40	37.570	24.322	0.095	-24.091	-37.544	-34.657	-17.356	5.874	23.946	28.394
551	5.50	17.438	-3.015	-22.024	-28.829	-18.270	6.189	33.453	49.625	44.632	17.591
561	5.60	-21.795	-26.817	-31.906	-26.088	-14.131	32.948	56.158	58.724	34.919	6.271
571	5.70	-43.491	-72.697	-67.567	-29.719	24.186	69.786	80.115	65.216	16.435	-38.620
581	5.80	-75.088	-76.723	-43.218	9.779	57.997	79.756	65.762	23.007	-28.905	-67.050
591	5.90	-75.602	-52.509	-9.538	33.965	60.313	61.209	40.472	10.883	-12.862	-21.349
601	6.00	-14.313	0.448	12.092	12.849	1.981	-14.259	-26.411	-27.123	-15.143	4.019
611	6.10	20.965	27.208	19.378	0.775	-20.371	-34.881	-36.788	-25.679	-6.309	14.035
621	6.20	28.669	34.698	32.408	24.393	13.788	2.823	-7.585	-16.908	-23.945	-26.526
631	6.30	-22.353	-10.585	6.812	24.978	37.667	39.837	30.065	11.530	-9.073	-24.279
641	6.40	-29.020	-22.691	-9.159	5.263	14.808	16.752	12.220	5.031	-0.670	-2.668
651	6.50	-1.633	-0.322	-1.583	-6.350	-12.798	-17.181	-15.906	-7.720	5.247	18.197
661	6.60	25.869	24.987	16.046	2.910	-8.980	-15.241	-14.540	-8.960	-2.620	0.676
671	6.70	-0.546	-4.803	-8.739	-9.267	-5.543	0.381	4.636	3.813	-2.811	-12.371
681	6.80	-19.474	-18.814	-8.073	10.394	30.074	42.909	42.890	28.945	5.720	-18.174
691	6.90	-33.734	-35.350	-23.130	-2.745	17.092	28.364	27.043	14.551	-3.129	-18.201
701	7.00	-24.391	-19.463	-5.954	10.012	21.221	22.100	10.676	-10.814	-36.709	-59.672
711	7.10	-72.766	-71.309	-54.061	-23.725	13.713	50.044	76.822	87.496	79.324	54.419
721	7.20	19.459	-16.070	-42.706	-54.015	-48.707	-30.984	-8.884	8.829	16.056	11.654
731	7.30	-0.324	-12.595	-17.997	-12.793	1.536	18.827	30.956	31.549	19.064	-2.189
741	7.40	-23.818	-35.931	-33.190	-15.575	10.412	34.469	48.735	41.950	21.755	-5.867
751	7.50	-29.818	-40.418	-33.361	-11.448	16.599	39.673	48.737	40.283	17.498	-11.270
761	7.60	-35.791	-48.826	-47.127	-33.250	-15.450	0.552	17.472	7.660	-2.235	-6.814
771	7.70	-11.509	-4.326	10.609	28.481	42.670	47.624	40.969	24.630	4.113	-13.608
781	7.80	-22.800	-21.184	-10.787	2.972	13.482	15.657	7.964	-7.031	-23.818	-36.295
791	7.90	-40.301	-35.236	-24.100	-11.979	-3.696	-1.726	-5.285	-10.995	-14.722	-13.683
801	8.00	-7.802	0.328	6.819	8.503	4.583	-2.856	-9.737	-11.778	-6.397	6.219
811	8.10	23.253	40.483	53.925	61.118	61.597	56.408	47.210	35.459	22.124	7.961
821	8.20	-5.986	-18.154	-26.595	-30.988	-28.488	-23.634	-18.549	-17.094	-20.936	-30.302
831	8.30	-42.835	-54.295	-61.696	-60.737	-51.785	-35.855	-15.890	5.198	25.196	42.848
841	8.40	57.567	68.698	75.214	75.489	67.793	51.280	26.552	-3.899	-35.950	-64.656
851	8.50	-85.268	-94.428	-90.977	-76.138	-53.387	-27.578	-3.779	14.041	24.070	27.112
861	8.60	24.203	29.400	28.112	35.579	46.137	55.696	59.359	53.591	38.049	16.193
871	8.70	-5.719	-20.977	-25.183	-18.250	-4.684	8.104	12.863	5.687	-12.059	-33.964
881	8.80	-50.988	-55.116	-42.767	-16.521	15.606	43.082	56.820	52.569	32.396	3.699
891	8.90	-23.777	-41.653	-45.856	-37.650	-22.548	-7.564	1.680	3.036	-1.838	-8.780
901	9.00	-13.314	-12.668	-6.743	2.278	11.315	17.990	21.615	23.167	24.358	26.412
911	9.10	29.223	31.369	30.929	26.630	18.688	8.850	-0.369	-6.864	-9.885	-10.261
921	9.20	-9.809	-10.212	-12.088	-14.660	-16.262	-15.356	-11.690	-5.645	0.220	4.169
931	9.30	5.244	3.959	1.709	0.046	-0.317	0.232	0.694	0.431	-0.056	0.867
941	9.40	5.006	12.863	22.561	29.928	30.074	19.853	0.068	-24.008	-43.964	-51.786
951	9.50	-43.119	-21.040	7.198	30.589	40.197	32.997	13.313	-9.056	-23.279	-22.478
961	9.60	-6.903	16.217	36.287	44.159	36.648	17.948	-2.634	-16.070	-16.562	-6.083
971	9.70	7.594	14.733	8.738	-10.247	-35.049	-54.719	-59.745	-46.717	-20.154	9.419
981	9.80	30.234	34.628	22.442	0.903	-18.881	-27.114	-19.732	-0.031	23.118	39.198
991	9.90	42.163	30.297	9.145	-12.640	-27.172	-30.428	-23.546	-11.583	-0.702	4.732

Table 7-33-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1975 1305-GR-1-19 HB. (HB.) HOROMAN BRIDGE MAX. ACC. = -94.428 (GAL) T= 8.52 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	3.802	-1.177	-6.378	-8.643	-6.990	-2.788	1.305	2.938	1.305	-2.566
1011	10.10	-6.507	-8.413	-7.249	-3.387	1.808	6.792	10.538	12.741	13.505	12.830
1021	10.20	10.322	5.400	-2.078	-11.155	-19.577	-24.329	-22.812	-14.140	0.086	15.997
1031	10.30	28.721	34.204	30.838	20.155	6.257	-5.805	-12.024	-10.958	-4.170	6.559
1041	10.40	10.855	11.503	5.604	-5.263	-17.818	-28.379	-34.093	-33.666	-27.425	-16.893
1051	10.50	-4.195	8.430	18.891	25.407	26.719	22.446	13.471	2.088	-8.369	-14.475
1061	10.60	-14.004	-7.017	3.817	13.973	18.762	15.311	3.978	-11.523	-25.462	-32.425
1071	10.70	-29.645	-18.282	-3.006	9.990	15.702	12.523	2.920	-7.763	-13.841	-11.985
1081	10.80	-2.816	9.376	18.663	20.300	13.005	-0.392	-14.250	-22.726	-22.455	-14.027
1091	10.90	-1.573	9.306	14.230	12.040	5.166	-1.797	-4.532	-1.252	6.382	14.113
1101	11.00	17.278	13.241	2.850	-9.800	-19.210	-21.030	-14.114	-1.092	12.784	21.954
1111	11.10	22.945	15.731	3.508	-8.936	-17.414	-20.039	-17.692	-13.135	-9.324	-7.822
1121	11.20	-8.102	-8.046	-5.319	1.141	10.307	19.351	24.906	24.666	18.524	8.708
1131	11.30	-1.174	-7.699	-9.055	-5.690	0.105	5.391	7.955	7.202	4.179	0.823
1141	11.40	-1.319	-0.913	0.994	3.461	5.428	6.508	7.010	7.440	7.825	7.352
1151	11.50	4.676	-1.202	-9.930	-19.337	-25.930	-26.308	-18.908	-5.199	10.405	22.079
1161	11.60	25.017	17.673	2.724	-13.835	-25.148	-26.480	-17.332	-1.602	13.813	22.833
1171	11.70	22.235	13.372	1.272	-7.896	-9.823	-4.067	5.906	14.607	17.377	12.739
1181	11.80	3.085	-6.624	-11.450	-9.012	-0.672	9.239	15.708	15.674	9.604	1.225
1191	11.90	-4.508	-4.088	2.555	11.829	18.170	16.836	6.404	-10.261	-27.097	-37.481
1201	12.00	-37.174	-26.197	-8.776	8.565	19.849	22.091	16.280	6.550	-1.967	-5.523
1211	12.10	-3.289	2.577	8.240	10.141	6.672	-1.169	-10.342	-17.190	-19.035	-15.248
1221	12.20	-7.402	1.477	8.156	10.428	7.864	1.871	-4.912	-9.613	-10.161	-6.049
1231	12.30	1.450	9.665	15.411	16.126	10.865	0.780	-11.138	-21.039	-25.600	-23.301
1241	12.40	-15.053	-3.887	6.234	12.905	12.110	7.716	1.887	-1.830	-1.024	4.487
1251	12.50	12.575	19.778	22.862	20.258	12.722	2.932	-5.756	-10.709	-11.355	-8.682
1261	12.60	-5.076	-2.777	-2.865	-4.862	-7.159	-7.990	-6.435	-2.911	1.056	3.649
1271	12.70	3.706	1.311	-2.278	-5.302	-6.404	-5.294	-2.832	-0.517	0.341	-0.693
1281	12.80	-2.975	-5.165	-5.959	-4.776	-2.026	1.167	3.629	4.792	4.982	5.179
1291	12.90	6.357	8.801	11.782	13.806	13.347	9.700	3.495	-3.410	-8.657	-10.412
1301	13.00	-8.193	-3.111	2.596	6.526	7.115	4.233	-0.876	-3.224	-9.970	-11.131
1311	13.10	-9.827	-7.020	-3.937	-1.503	-0.069	0.629	0.971	1.329	1.811	2.347
1321	13.20	2.883	3.522	4.512	6.043	8.003	9.855	10.745	9.830	6.683	1.567
1331	13.30	-4.568	-10.367	-14.512	-16.134	-15.041	-11.688	-6.968	-1.929	2.471	5.518
1341	13.40	6.829	6.393	4.584	2.098	-0.218	-1.666	-1.888	-1.228	-0.429	-0.361
1351	13.50	-1.499	-3.555	-5.476	-5.893	-3.842	0.577	6.010	10.287	11.370	8.380
1361	13.60	2.171	-4.887	-9.905	-10.804	-7.345	-1.313	4.279	6.621	4.487	-1.140
1371	13.70	-7.517	-11.477	-11.002	-6.232	0.586	6.207	7.992	5.210	-0.614	-6.498
1381	13.80	-9.483	-8.114	-3.120	3.011	7.324	7.886	4.730	-0.227	-4.195	-6.946
1391	13.90	-1.914	3.552	8.887	11.580	10.363	5.753	-0.273	-5.250	-7.350	-6.126
1401	14.00	-2.567	1.466	4.094	4.152	1.512	-3.053	-8.277	-12.647	-15.705	-16.170
1411	14.10	-13.969	-9.271	-2.745	4.443	10.789	14.836	15.663	13.278	8.681	3.508
1421	14.20	-0.832	-2.818	-3.162	-2.637	-2.457	-3.339	-5.031	-6.386	-5.980	-2.983
1431	14.30	2.316	8.256	12.630	13.600	10.648	4.900	-1.230	-5.130	-5.129	-1.259
1441	14.40	4.764	10.321	13.022	11.934	7.568	1.904	-2.756	-4.806	-3.959	-1.258
1451	14.50	1.573	3.014	2.459	0.409	-1.898	-3.200	-2.879	-1.252	0.642	1.628
1461	14.60	1.034	-0.936	-3.293	-4.746	-4.356	-2.014	1.469	4.705	6.347	5.688
1471	14.70	2.981	-0.661	-3.728	-4.942	-3.783	-0.704	3.030	5.818	6.321	3.980
1481	14.80	-0.745	-6.466	-11.290	-13.420	-11.778	-6.422	1.363	9.396	15.264	17.127
1491	14.90	14.404	8.058	0.321	-6.070	-8.904	-7.377	-2.456	3.473	7.568	7.747

Table 7-33-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1975 1305-GR-1-19 HB. (HB.) HOROMAN BRIDGE MAX. ACC. = -94.428 (GAL) T= 8.52 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	3.429	-3.216	-9.872	-13.304	-11.690	-5.275	3.665	11.742	15.860	14.613
1511	15.10	8.662	0.550	-6.554	-10.237	-9.814	-6.457	-2.442	0.066	0.084	-1.798
1521	15.20	-3.890	-4.439	-2.692	0.612	3.594	4.267	1.711	-3.248	-8.268	-10.563
1531	15.30	-8.331	-1.819	6.551	13.140	14.720	10.042	0.573	-10.001	-17.309	-18.215
1541	15.40	-12.241	-1.824	8.726	15.109	14.910	8.630	-0.600	-8.474	-11.471	-8.412
1551	15.50	-0.937	7.310	12.393	11.896	6.001	-2.618	-10.050	-12.939	-9.993	-2.553
1561	15.60	8.035	11.933	12.509	7.461	-1.109	-9.676	-14.853	-14.828	-10.029	-2.812
1571	15.70	3.712	7.057	6.378	2.668	-1.880	-5.005	-5.332	-3.565	-0.240	2.150
1581	15.80	2.363	0.426	-2.667	-5.278	-6.018	-4.421	-1.131	2.460	4.904	5.388
1591	15.90	3.949	1.523	-0.765	-2.072	-2.206	-1.591	-0.918	-0.703	-1.005	-1.448
1601	16.00	-1.502	-0.855	0.358	1.402	2.230	1.848	0.548	-1.114	-2.399	-2.743
1611	16.10	-2.034	-0.641	0.785	1.626	1.555	0.624	-0.834	-2.391	-3.681	-4.465
1621	16.20	-4.491	-3.668	-1.818	0.684	3.978	6.610	7.749	6.718	3.434	-1.179
1631	16.30	-5.429	-7.753	-6.868	-2.980	2.441	7.240	9.323	7.190	3.287	-1.329
1641	16.40	-6.373	-7.422	-5.099	-0.660	3.747	6.236	5.929	3.500	0.659	-0.778
1651	16.50	0.129	2.948	6.113	7.783	6.849	3.553	-0.614	-3.691	-4.295	-2.372
1661	16.60	0.747	3.043	2.891	-0.040	-4.551	-8.488	-9.843	-7.823	-3.305	1.556
1671	16.70	6.404	3.904	0.471	-3.865	-6.434	-5.259	-0.102	7.307	13.984	17.029
1681	16.80	14.947	8.348	-0.302	-7.747	-11.327	-10.046	-4.873	1.814	7.330	9.812
1691	16.90	8.873	5.554	1.664	-1.108	-1.905	-0.932	0.817	2.151	2.260	1.030
1701	17.00	-1.007	-3.001	-4.197	-4.234	-3.218	-1.604	0.037	1.218	1.657	1.297
1711	17.10	0.271	-1.143	-2.566	-3.561	-3.750	-2.912	-1.119	1.228	3.478	4.924
1721	17.20	5.059	3.782	1.451	-1.230	-3.463	-4.635	-4.518	-3.302	-1.486	0.331
1731	17.30	1.654	2.220	2.015	1.228	0.152	-0.891	-1.615	-1.812	-1.398	-0.463
1741	17.40	0.722	1.749	2.197	1.788	0.538	-1.206	-2.858	-3.800	-3.650	-2.416
1751	17.50	-0.519	1.367	2.590	2.778	1.976	0.594	-0.794	-1.710	-1.955	-1.655
1761	17.60	-1.157	-0.829	-0.896	-1.364	-2.059	-2.744	-3.227	-3.408	-3.250	-2.713
1771	17.70	-1.736	-0.225	1.739	3.951	5.765	6.715	6.149	4.863	1.528	1.562
1781	17.80	-3.748	-4.212	-2.832	0.046	3.511	5.745	4.352	0.845	1.776	-1.727
1791	17.90	-4.381	-5.251	-4.096	-1.440	1.665	4.083	4.937	4.094	1.989	-0.499
1801	18.00	-2.433	-3.174	-2.585	-1.036	0.782	2.151	2.582	1.981	0.641	-0.896
1811	18.10	-2.051	-2.420	-1.905	-0.736	0.633	1.677	2.007	1.495	0.325	-1.077
1821	18.20	-2.203	-2.656	-2.298	-1.321	-0.160	0.689	0.785	0.091	-1.180	-2.570
1831	18.30	-3.503	-3.891	-3.448	-2.474	-1.231	-0.303	0.169	-1.063	-1.655	-2.338
1841	18.40	3.007	3.045	1.867	-0.024	-2.119	-3.720	-4.250	-3.548	-2.002	
1851	18.50	-0.428	0.274	-0.460	-2.561	-5.306	-7.600	-8.440	-7.366	-4.664	-1.243
1861	18.60	1.761	3.491	3.701	2.799	1.599	0.874	0.981	1.724	2.524	2.767
1871	18.70	2.189	1.026	-0.114	-0.598	-0.161	0.898	1.816	1.741	0.193	-2.620
1881	18.80	-5.810	-8.154	-8.621	-6.835	-3.263	0.986	4.625	6.722	7.043	6.058
1891	18.90	4.628	3.550	3.183	3.330	3.425	2.904	1.551	-0.351	-2.152	-3.164
1901	19.00	-3.015	-1.842	-0.223	1.112	1.611	1.309	0.509	-0.123	-0.069	0.295
1911	19.10	2.126	3.296	3.715	3.143	1.817	0.335	-0.651	-0.768	-0.121	0.764
1921	19.20	1.207	0.732	-0.606	-2.495	-3.981	-4.442	-3.599	-1.740	0.415	2.037
1931	19.30	2.552	1.889	0.477	-0.983	-1.851	-1.836	-1.089	-0.082	0.657	0.812
1941	19.40	0.412	-0.216	-0.643	-0.565	0.056	1.004	1.947	2.623	2.950	3.031
1951	19.50	3.027	3.027	2.960	2.636	1.888	0.715	-0.637	-1.766	-2.192	-1.762
1961	19.60	-0.574	0.951	2.269	2.944	2.831	2.117	1.179	0.480	-0.023	-0.141
1971	19.70	-0.165	-0.330	-0.619	-0.953	-1.038	-0.680	0.196	1.289	2.221	2.616
1981	19.80	2.298	1.566	0.151	-0.957	-1.683	-1.947	-1.849	-1.550	-1.149	-0.661
1991	19.90	0.040	0.897	1.778	2.377	2.353	1.515	-0.031	-1.866	-3.401	-4.120

Table 7-33-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1975 1305-GR-1-19 HB. (HB.) HOROMAN BRIDGE MAX. ACC. = -94.428 (GAL) T= 8.52 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2001	20.00	-3.807	-2.629	-1.054	0.381	1.308	1.460	1.632	1.502	1.430	1.356
2011	20.10	1.062	0.353	-0.746	-1.919	-2.680	-2.622	-1.683	-0.248	0.987	1.342
2021	20.20	0.508	-1.244	-3.160	-4.343	-4.201	-2.765	-0.696	1.031	1.615	0.843
2031	20.30	-0.788	-2.325	-2.859	-2.017	-0.196	1.614	2.324	1.320	-1.182	-4.188
2041	20.40	-6.379	-6.749	-5.098	-2.150	0.787	2.441	2.179	0.300	-2.130	-3.691
2051	20.50	-3.787	-1.969	0.947	3.795	5.519	5.614	4.311	2.357	0.595	-0.451
2061	20.60	-0.760	-0.711	-0.775	-1.194	-1.838	-2.314	-2.230	-1.472	-0.295	0.604
2071	20.70	1.367	1.237	0.639	0.025	-0.222	-0.068	0.215	0.051	-0.877	-2.431
2081	20.80	-3.948	-4.516	-3.460	-0.778	2.713	5.656	6.753	5.400	2.050	-1.928
2091	20.90	-4.833	-5.415	-3.464	0.079	3.563	5.416	4.890	2.404	-0.684	-2.764
2101	21.00	-2.769	-0.684	2.476	5.208	6.290	5.579	3.151	0.902	-0.159	0.442
2111	21.10	2.197	3.893	4.274	2.736	-0.310	-3.606	-5.654	-5.472	-3.097	0.415
2121	21.20	3.124	4.828	4.002	1.683	-0.723	-1.790	-0.801	1.867	5.004	6.978
2131	21.30	0.710	4.106	6.512	-3.598	-5.599	-5.185	-2.706	0.613	5.272	4.167
2141	21.40	3.047	0.549	-2.166	-3.985	-4.325	-3.337	-1.736	-0.398	0.071	-0.412
2151	21.50	-1.444	-2.395	-2.749	-2.335	-1.363	-0.258	0.591	1.012	1.089	1.049
2161	21.60	1.079	1.260	1.260	1.053	0.477	-0.368	-1.207	-1.737	-1.799	-1.483
2171	21.70	-1.082	-0.922	-1.161	-1.665	-2.059	-1.915	-1.008	0.524	2.198	3.394
2181	21.80	3.652	2.900	1.505	0.090	-0.773	-0.848	-0.348	0.189	0.188	-0.648
2191	21.90	-2.171	-3.857	-5.059	-5.325	-4.603	-3.239	-1.767	-0.630	0.026	0.367
2201	22.00	0.705	1.249	1.936	2.444	2.391	1.594	0.250	-1.108	-1.869	-1.585
2211	22.10	-0.408	1.102	2.133	2.036	0.664	-1.530	-3.685	-4.938	-4.827	-3.504
2221	22.20	-1.639	-0.079	0.569	0.210	-0.727	-1.547	-1.657	-0.857	0.591	2.141
2231	22.30	3.262	3.706	3.592	3.279	3.119	3.234	3.458	3.453	2.946	1.920
2241	22.40	0.661	-0.377	-0.822	-0.585	0.085	0.725	0.912	0.478	-0.410	-1.357
2251	22.50	-1.966	-2.048	-1.700	-1.212	-0.867	-0.748	-0.697	-0.429	0.246	1.246
2261	22.60	2.193	2.595	2.133	0.895	-0.593	-1.573	-1.443	-0.107	1.897	3.592
2271	22.70	3.999	2.626	-0.236	-3.587	-6.128	-6.842	-5.665	-2.613	0.497	2.597
2281	22.80	2.953	1.679	-0.348	-1.928	-2.127	-0.715	1.735	4.135	5.405	4.970
2291	22.90	3.006	0.316	-2.061	-3.352	-3.353	-2.469	-1.445	-0.959	-1.284	-2.179
2301	23.00	-3.945	-3.257	-2.491	-0.891	1.004	2.519	3.149	2.771	1.673	0.392
2311	23.10	-0.535	-0.704	-0.388	0.411	1.206	1.647	1.563	0.890	-0.169	-1.407
2321	23.20	-2.572	-3.426	-3.772	-3.494	-2.602	-1.265	0.201	1.411	2.042	1.961
2331	23.30	1.293	0.383	-0.343	-0.561	-0.193	0.558	1.308	1.671	1.439	0.680
2341	23.40	-0.300	-1.106	-1.428	-1.161	-0.517	0.258	0.832	1.024	0.836	0.428
2351	23.50	0.022	-0.187	-0.098	0.294	0.925	1.694	2.475	3.120	3.465	3.364
2361	23.60	2.751	1.700	0.448	-0.665	-1.315	-1.336	-0.807	-0.033	0.576	0.699
2371	23.70	0.259	-0.534	-1.276	-1.570	-1.215	-0.329	0.707	1.429	1.513	0.937
2381	23.80	-0.001	-0.828	-1.120	-0.702	0.275	1.416	2.275	2.570	2.303	1.761
2391	23.90	1.263	1.174	1.554	2.231	2.887	3.212	3.058	2.489	1.732	1.047
2401	24.00	0.594	0.370	0.236	0.004	-0.424	-1.018	-1.618	-2.029	-2.132	-1.953
2411	24.10	-1.656	-1.467	-1.548	-1.965	-2.369	-2.667	-2.553	-1.941	-0.970	0.026
2421	24.20	0.653	0.624	-0.101	-1.268	-2.412	-3.035	-2.808	-1.726	-0.126	1.423
2431	24.30	2.341	2.262	1.189	-0.499	-2.190	-3.276	-3.395	-2.550	-1.117	0.329
2441	24.40	1.244	1.329	0.633	-0.485	-1.523	-2.044	-1.845	-1.013	0.132	1.196
2451	24.50	1.863	2.007	1.710	1.182	0.658	0.293	0.123	0.086	0.085	0.054
2461	24.60	-0.005	-0.039	0.016	0.190	0.451	0.727	0.939	1.044	1.052	1.014
2471	24.70	0.980	0.959	0.901	0.720	0.343	-0.235	-0.919	-1.535	-1.879	-1.810
2481	24.80	-1.312	-0.518	0.327	0.951	1.156	0.892	0.275	-0.456	-1.040	-1.287
2491	24.90	-1.148	-0.729	-0.233	0.121	0.189	-0.053	-0.511	-1.025	-1.442	-1.681

Table 7-33-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1975 1305-GR-1-19 HB. (HB.) HOROMAN BRIDGE MAX. ACC. = -94.428 (GAL) T= 8.52 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2501	25.00	-1.747	-1.713	-1.665	-1.647	-1.632	-1.539	-1.275	-0.799	-0.164	0.488
2511	25.10	0.968	1.111	0.848	0.245	-0.516	-1.191	-1.565	-1.523	-1.091	-0.415
2521	25.20	0.298	0.859	1.170	1.244	1.184	1.119	1.140	1.247	1.349	1.313
2531	25.30	1.035	0.506	-0.160	-0.755	-1.056	-0.924	-0.373	0.418	1.157	1.556
2541	25.40	1.443	0.860	-0.046	-0.898	-1.426	-1.483	-1.129	-0.599	-0.189	-0.125
2551	25.50	-0.443	-0.987	-1.467	-1.602	-1.267	-0.562	0.214	0.695	0.612	-0.070
2561	25.60	-1.118	-2.114	-2.625	-2.389	-1.427	-0.044	1.302	2.183	2.368	1.900
2571	25.70	1.051	0.574	-0.458	-0.767	-0.874	-1.004	-1.336	-1.891	-2.497	-2.868
2581	25.80	-2.751	-2.064	-0.960	0.227	1.124	1.482	1.298	0.804	0.357	0.272
2591	25.90	0.663	1.396	2.154	2.586	2.483	1.872	1.007	0.253	-0.084	0.110
2601	26.00	0.715	1.443	1.970	2.079	1.740	1.098	0.380	-0.214	-0.597	-0.809
2611	26.10	-0.961	-1.151	-1.394	-1.607	-1.654	-1.422	-0.889	-0.141	0.660	1.349
2621	26.20	1.832	2.114	2.284	2.460	2.714	3.040	3.354	3.540	3.514	3.270
2631	26.30	2.808	2.497	2.212	2.074	2.025	1.922	1.606	0.960	-0.000	-1.125
2641	26.40	-2.154	-2.791	-2.810	-2.141	-0.918	0.550	1.857	2.631	2.653	1.935
2651	26.50	0.711	-0.638	-1.723	-2.280	-2.253	-1.792	-1.173	-0.671	-0.439	-0.456
2661	26.60	-0.352	-0.499	-0.134	0.557	1.417	2.184	2.594	2.491	1.889	0.967
2671	26.70	-0.001	-0.740	-1.069	-0.945	-0.464	0.183	0.773	1.113	1.084	0.670
2681	26.80	-0.047	-0.901	-1.688	-2.217	-2.374	-2.156	-1.681	-1.144	-0.744	-0.602
2691	26.90	-0.709	-0.933	-1.084	-1.006	-0.661	-0.156	0.302	0.507	0.355	-0.097
2701	27.00	-0.647	-1.039	-1.089	-0.768	-0.223	0.292	0.526	0.352	-0.188	-0.911
2711	27.10	-1.577	-2.007	-2.147	-2.073	-1.934	-1.866	-1.921	-2.054	-2.157	-2.122
2721	27.20	-1.697	-1.506	-1.027	-0.545	-0.115	0.254	0.585	0.906	1.223	1.519
2731	27.30	1.763	1.927	1.991	1.941	1.755	1.413	0.911	0.304	-0.281	-0.659
2741	27.40	-0.655	-0.194	0.628	1.538	2.168	2.208	1.553	0.386	-0.869	-1.709
2751	27.50	-1.771	-1.007	0.281	1.555	2.281	2.164	1.279	0.033	-1.031	-1.491
2761	27.60	-1.242	-0.527	0.196	0.699	0.201	-0.538	-1.302	-1.640	-1.302	-0.375
2771	27.70	0.758	1.636	1.906	1.806	1.552	1.323	0.896	-2.030	-1.365	-0.345
2781	27.80	0.636	1.281	1.494	1.379	1.129	0.906	0.762	0.643	0.447	0.206
2791	27.90	-0.076	-0.265	-0.287	-0.181	-0.105	-0.253	-0.733	-1.461	-2.160	-2.473
2801	28.00	-2.138	-1.149	0.204	1.434	2.074	1.888	0.987	-0.219	-1.218	-1.633
2811	28.10	-1.396	-0.752	-0.121	0.133	-0.110	-0.678	-1.211	-1.367	-1.005	-0.260
2821	28.20	0.532	1.010	0.971	0.455	-0.314	-1.018	-1.572	-1.869	-2.038	-2.165
2831	28.30	-2.204	-1.977	-1.260	-0.008	1.562	2.942	3.515	2.935	1.166	-1.253
2841	28.40	-3.683	-4.712	-4.529	-3.110	-1.151	0.559	1.058	0.520	-0.706	-1.841
2851	28.50	-2.182	-1.471	-0.027	1.424	2.131	1.713	0.573	-1.201	-2.180	-2.014
2861	28.60	-0.728	1.103	2.623	3.124	2.396	0.814	-0.855	-1.842	-1.750	-0.721
2871	28.70	0.661	1.693	1.912	1.307	0.294	-0.537	-0.745	-0.263	0.586	1.286
2881	28.80	1.419	0.889	-0.032	-0.860	-1.168	-0.811	0.003	0.641	1.282	1.166
2891	28.90	0.586	-0.008	-0.226	0.135	0.960	1.877	2.456	2.425	1.818	0.931
2901	29.00	0.165	-0.188	-0.089	0.250	0.502	0.420	-0.012	-0.565	-0.882	-0.674
2911	29.10	0.119	1.277	2.387	3.033	2.971	2.234	1.093	-0.065	-0.912	-1.287
2921	29.20	-1.227	-0.894	-0.472	-0.080	0.257	0.568	0.881	1.173	1.371	1.399
2931	29.30	1.232	0.929	0.617	0.441	0.496	0.785	1.223	1.677	2.012	2.136
2941	29.40	2.008	1.625	1.013	0.224	-0.665	-1.441	-1.974	-2.066	-1.639	-0.773
2951	29.50	0.280	1.166	1.563	1.325	0.557	-0.404	-1.129	-1.280	-0.772	0.186
2961	29.60	1.176	1.764	1.695	1.018	0.039	-0.732	-0.995	-0.619	0.194	1.048
2971	29.70	1.536	1.432	0.791	-0.093	-0.831	-1.125	-0.898	-0.305	0.364	0.839
2981	29.80	0.993	0.883	0.680	0.551	0.565	0.559	0.398	-0.105	-0.969	-2.019
2991	29.90	-2.941	-3.409	-3.236	-2.460	-1.341	-0.248	0.486	0.695	0.428	-0.095

Table 7-34-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1979 1317-GR-1-9 HA. (HA.) HIROO BRIDGE MAX. ACC. = -84.395 (GAL) T= 3.57 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1	0.0	2.151	1.603	0.532	-0.766	-1.902	-2.487	-2.185	-0.816	1.547	4.501
11	0.10	7.344	9.225	9.427	7.665	4.278	0.203	-3.308	-5.126	-4.668	-2.123
21	0.20	1.635	5.383	8.011	8.890	8.006	5.841	3.102	0.446	-1.677	-3.030
31	0.30	-3.506	-3.002	-1.725	0.345	2.309	5.203	7.090	8.231	8.669	8.634
41	0.40	8.321	7.662	6.269	3.644	-0.435	-5.542	-10.522	-13.803	-14.035	-10.750
51	0.50	-4.714	2.271	8.043	10.954	10.498	7.404	3.166	-0.727	-3.427	-4.916
61	0.60	-5.686	-6.156	-6.257	-5.425	-3.065	0.824	5.310	8.749	9.539	7.020
71	0.70	1.985	-3.542	-7.239	-7.648	-4.971	-0.994	1.844	1.771	-1.315	-5.742
81	0.80	-8.944	-8.865	-5.128	0.682	5.818	7.816	5.814	1.017	-3.957	-6.499
91	0.90	-5.408	-1.506	2.864	5.179	4.156	0.454	-3.717	-5.870	-4.665	-0.689
101	1.00	3.857	6.378	5.338	1.147	-4.021	-7.360	-6.910	-2.567	3.882	9.699
111	1.10	12.566	11.665	7.915	3.329	-0.110	-1.397	-0.819	0.467	1.256	0.991
121	1.20	-0.042	-1.077	-1.463	-1.219	-0.821	-0.964	-1.897	-3.154	-3.753	-2.793
131	1.30	-0.097	3.504	6.461	7.236	5.096	0.546	-4.847	-9.137	-10.847	-9.562
141	1.40	-5.993	-1.566	2.235	4.405	4.641	3.227	0.767	-2.048	-4.532	-6.006
151	1.50	-5.863	-3.648	0.470	5.710	10.658	13.713	13.704	10.432	4.825	-1.400
161	1.60	-6.434	-9.102	-9.254	-7.665	-5.511	-3.765	-2.714	-2.165	-1.718	-1.103
171	1.70	-0.561	-0.582	-1.498	-3.097	-4.557	-4.707	-3.081	0.462	4.730	8.069
181	1.80	9.021	7.049	2.832	-2.013	-5.664	-6.905	-5.629	-2.799	0.084	1.701
191	1.90	1.481	-0.241	-2.500	-4.211	-4.662	-3.764	-1.996	-0.149	1.010	0.980
201	2.00	-0.339	-2.644	-5.319	-7.585	-8.724	-8.316	-6.442	-3.714	-1.079	0.582
211	2.10	0.900	0.279	-0.226	0.599	3.445	7.967	12.750	15.848	15.681	11.882
221	2.20	5.621	-0.755	-4.733	-4.777	-1.002	4.825	10.085	12.484	11.055	6.534
231	2.30	0.938	-3.386	-6.804	-3.025	0.908	5.190	8.090	8.632	6.885	3.781
241	2.40	0.652	-1.324	-1.525	-0.059	2.312	4.444	5.198	3.870	0.518	-3.926
251	2.50	-7.888	-9.734	-8.467	-4.303	1.254	5.950	7.781	6.005	1.642	-2.890
261	2.60	-4.913	-2.694	2.604	8.986	12.783	11.392	4.517	-5.458	-14.462	-18.652
271	2.70	-16.325	-8.811	0.132	6.169	6.540	1.409	-6.318	-12.594	-14.419	-11.426
281	2.80	-6.011	-1.941	-2.181	-7.155	-14.409	-19.891	-20.192	-14.515	-5.298	2.909
291	2.90	5.753	1.369	-8.559	-19.545	-26.478	-26.105	-18.534	-7.013	3.847	10.434
301	3.00	11.815	9.883	7.976	8.780	12.717	17.696	20.356	18.059	10.515	0.101
311	3.10	-9.316	-14.420	-14.211	-10.526	-6.988	-6.965	-11.635	-19.252	-26.051	-28.325
321	3.20	-24.577	-16.543	-8.460	-4.878	-8.116	-16.703	-25.700	-28.868	-21.705	-3.883
331	3.30	20.151	42.789	56.466	56.865	45.050	26.925	10.854	4.117	9.897	26.077
341	3.40	46.305	62.800	69.622	64.981	51.647	35.393	22.227	15.685	15.352	17.200
351	3.50	15.556	5.817	-13.249	-38.582	-63.681	-80.912	-84.395	-72.353	-48.038	-18.839
361	3.60	6.148	19.236	16.850	0.862	-22.003	-42.471	-51.662	-45.634	-24.098	6.812
371	3.70	38.147	61.043	69.800	63.693	46.845	26.294	9.088	-0.379	-1.708	1.946
381	3.80	5.809	5.951	1.168	-6.561	-13.168	-14.558	-8.649	3.571	18.404	30.985
391	3.90	37.244	35.361	26.131	12.211	-3.240	-17.769	-30.110	-39.848	-46.638	-49.619
401	4.00	-47.488	-39.295	-25.495	-8.567	7.332	17.731	19.687	13.230	1.625	-9.816
411	4.10	-15.921	-13.899	-4.549	8.017	18.424	22.306	18.367	8.906	-1.288	-7.147
421	4.20	-5.597	3.138	15.722	27.229	33.200	31.315	22.006	7.916	-7.353	-20.514
431	4.30	-29.351	-32.806	-30.657	-23.228	-11.401	3.118	17.629	28.778	33.527	30.439
441	4.40	20.616	7.656	-3.628	-9.304	-8.304	-3.236	0.568	-2.466	-15.202	-35.795
451	4.50	-57.783	-72.452	-72.599	-56.015	-27.017	4.839	28.480	35.925	25.741	3.758
461	4.60	-19.354	-32.635	-29.516	-10.582	16.800	41.772	54.698	51.184	33.674	10.007
471	4.70	-10.269	-20.079	-17.600	-6.478	6.434	14.602	14.863	8.582	0.487	-4.120
481	4.80	-2.300	4.909	12.988	16.269	10.904	-3.011	-21.220	-37.122	-44.753	-41.492
491	4.90	-29.212	-13.330	-0.247	5.600	3.652	-2.773	-8.326	-8.395	-1.405	10.438

Table 7-34-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1979 1317-GR-1-9 HA. (HA.) HIROO BRIDGE MAX. ACC. = -84.395 (GAL) T= 3.57 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
501	5.00	22.301	29.143	28.193	20.252	9.224	0.151	-3.238	-0.223	6.762	13.537
511	5.10	16.358	13.738	6.993	-0.683	-6.032	-7.431	-5.546	-2.658	-1.107	-1.797
521	5.20	-3.671	-4.474	-2.383	2.478	7.610	9.198	4.211	-7.547	-22.630	-35.009
531	5.30	-38.663	-30.506	-12.196	10.203	28.681	36.794	32.585	19.468	4.626	-4.365
541	5.40	-3.081	7.714	22.536	33.878	35.655	27.015	11.000	-5.229	-14.714	-13.768
551	5.50	-3.651	10.088	20.224	21.156	11.356	-6.059	-24.859	-38.397	-42.319	-36.061
561	5.60	-22.629	-6.964	6.211	14.090	16.361	14.442	11.249	8.002	5.631	3.904
571	5.70	2.258	0.429	-1.282	-2.235	-1.972	-0.663	0.823	1.314	-0.015	-3.093
581	5.80	-6.828	-9.515	-9.591	-6.381	-0.439	6.675	13.108	17.542	19.733	20.478
591	5.90	21.027	22.224	23.861	24.588	22.488	16.071	5.205	-8.504	-22.123	-32.458
601	6.00	-37.302	-36.264	-30.918	-23.816	-17.464	-13.159	-10.624	-8.484	-5.300	-0.599
611	6.10	4.702	8.721	9.681	7.026	1.940	-3.099	-5.540	-4.149	0.210	4.895
621	6.20	6.208	3.223	-2.224	-9.353	-13.883	-15.472	-14.888	-11.287	-2.851	4.830
631	6.30	43.833	35.750	21.567	5.834	-7.372	-15.961	-20.120	-21.396	-21.237	-19.957
641	6.40	-16.757	-10.777	-2.455	5.788	10.176	7.411	-3.215	-18.658	-32.811	-38.992
651	6.50	-33.189	-16.427	5.087	22.381	27.748	18.505	-1.403	-22.897	-35.824	-33.721
661	6.60	-17.005	7.037	27.536	35.134	26.436	5.674	-17.262	-31.496	-30.316	-14.325
671	6.70	8.920	28.559	35.596	27.066	7.248	-14.592	-28.729	-29.536	-17.894	-0.379
681	6.80	14.208	19.161	12.691	-0.737	-14.751	-22.773	-22.131	-14.870	-6.269	-1.782
691	6.90	-4.059	-11.587	-19.576	-22.548	-17.222	-4.225	12.209	26.289	33.370	31.920
701	7.00	23.869	13.176	3.847	-2.072	-4.982	-6.887	-9.732	-13.929	-17.928	-19.045
711	7.10	-15.065	-5.703	6.901	18.961	26.689	27.995	23.358	15.493	7.997	3.713
721	7.20	3.599	6.609	10.528	13.231	13.682	12.183	9.860	7.774	6.221	4.649
731	7.30	2.194	-1.514	-5.804	-9.051	-9.414	-5.859	1.091	9.314	15.834	18.038
741	7.40	14.792	6.941	-3.042	-12.066	-17.628	-18.671	-15.765	-10.624	-5.260	-1.192
751	7.50	0.969	1.424	0.971	0.099	-0.701	-1.087	-1.162	-1.018	-0.797	-0.701
761	7.60	-0.956	-1.626	-2.362	-2.996	-3.817	5.261	15.660	28.007	40.095	47.994
771	7.70	48.121	38.803	21.314	-0.174	-19.878	-32.480	-35.149	-28.598	-16.689	-4.220
781	7.80	2.836	4.096	0.242	-5.459	-9.566	-10.286	-8.278	-6.047	-6.278	-10.053
791	7.90	-15.948	-20.585	-20.396	-13.703	-1.956	10.591	18.748	18.898	10.902	-1.639
801	8.00	-12.974	-17.917	-14.355	-4.275	7.253	14.649	14.674	8.097	-0.693	-5.996
811	8.10	-3.842	5.218	18.164	27.001	26.424	14.587	-5.200	-25.674	-38.729	-38.987
821	8.20	-26.180	-5.252	15.844	29.583	31.949	23.793	9.983	-3.126	-10.609	-10.922
831	8.30	-6.100	-0.294	2.471	0.182	-6.466	-14.859	-21.790	-25.144	-24.509	-20.901
841	8.40	-15.807	-10.231	-4.344	2.127	9.068	15.361	18.989	17.956	11.565	1.515
851	8.50	-8.498	-13.779	-10.862	0.751	17.669	33.766	42.437	39.428	24.840	3.353
861	8.60	-17.545	-30.606	-31.848	-22.195	-6.982	6.495	12.266	8.349	-2.452	-13.960
871	8.70	-19.602	-15.561	-2.640	14.029	27.301	31.278	24.012	8.389	-9.172	-21.598
881	8.80	-24.246	-16.903	-3.500	9.709	17.137	16.272	8.537	-1.701	-9.417	-11.334
891	8.90	-7.352	-0.242	5.740	7.183	3.036	-5.011	-13.482	-18.834	-19.067	-14.475
901	9.00	-7.260	-0.460	3.588	3.902	1.009	-3.692	-8.762	-13.305	-12.026	-9.877
911	9.10	-21.611	-21.622	-19.208	-14.103	-6.944	0.702	6.842	9.912	9.549	6.856
921	9.20	3.965	3.062	5.305	10.172	15.568	18.671	17.176	10.370	-0.436	-12.289
931	9.30	-21.715	-25.921	-23.898	-16.704	-7.028	1.835	7.168	7.752	4.184	-1.468
941	9.40	-6.530	-8.765	-7.196	-2.461	3.605	8.572	10.618	9.207	5.355	1.195
951	9.50	-0.946	0.277	4.694	10.392	14.534	14.568	9.315	-0.216	-11.242	-20.144
961	9.60	-23.842	-21.041	-12.495	-0.778	10.874	19.739	24.430	25.042	22.688	18.754
971	9.70	14.310	9.919	5.858	2.467	0.320	0.038	1.854	5.114	8.462	10.135
981	9.80	8.895	4.757	-0.849	-5.634	-7.557	-5.921	-1.852	2.162	3.543	1.070
991	9.90	-4.250	-9.437	-10.886	-6.210	4.326	17.575	28.663	33.085	28.743	16.970

Table 7-34-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1979 1317-GR-1-9 HA. (HA.) HIROO BRIDGE MAX. ACC. = -84.395 (GAL) T= 3.57 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	2.008	-10.813	-17.358	-16.343	-9.632	-1.101	5.312	7.378	5.339	1.388
1011	10.10	-1.754	-2.337	-0.389	2.539	4.428	3.995	1.349	-2.228	-5.176	-6.651
1021	10.20	-6.988	-7.375	-8.938	-11.830	-14.909	-16.261	-14.298	-8.606	-1.298	5.594
1031	10.30	9.412	9.154	5.831	1.943	0.127	1.695	5.876	10.195	11.814	9.134
1041	10.40	2.755	-4.722	-9.905	-10.709	-6.742	-0.150	5.906	8.839	7.942	4.617
1051	10.50	1.428	0.524	2.346	5.355	6.954	5.083	-0.418	-7.497	-12.044	-13.648
1061	10.60	-9.188	-1.383	6.066	9.503	7.197	0.233	-8.026	-13.664	-14.181	-9.693
1071	10.70	-2.724	3.250	5.701	4.339	1.111	-1.064	-0.100	3.966	8.697	11.518
1081	10.80	9.546	3.024	-5.495	-12.159	-13.797	-9.606	-1.627	6.288	10.364	9.002
1091	10.90	3.386	-3.142	-6.966	-6.184	-1.653	3.494	5.604	2.606	-4.702	-12.875
1101	11.00	-17.499	-15.470	-6.692	5.685	16.643	21.614	18.599	9.038	-2.939	-12.488
1111	11.10	-16.239	-13.644	-6.900	0.406	5.159	6.123	4.242	1.791	0.936	2.515
1121	11.20	5.661	8.429	8.951	6.586	2.098	-2.417	-4.978	-4.543	-1.527	2.483
1131	11.30	5.581	6.457	4.928	1.828	-1.588	-4.350	-6.192	-7.489	-8.814	-10.417
1141	11.40	-11.973	-12.731	-11.969	-9.462	-5.684	-1.625	1.682	3.627	4.256	4.129
1151	11.50	3.926	4.046	4.419	4.627	4.229	3.078	1.423	-0.247	-1.494	-2.178
1161	11.60	-2.464	-2.624	-2.749	-2.600	-1.728	0.184	2.967	5.835	7.633	7.357
1171	11.70	4.703	0.315	-4.436	-8.066	-9.658	-9.286	-7.880	-6.653	-6.374	-6.908
1181	11.80	-7.299	-6.373	-3.517	0.813	5.169	7.769	7.518	4.480	0.088	-3.624
1191	11.90	-5.045	-3.827	-1.073	1.270	1.486	-0.926	-4.914	-8.389	-9.338	-6.948
1201	12.00	-2.130	2.873	5.611	4.708	0.622	-4.530	-8.015	-7.866	-3.903	2.149
1211	12.10	7.491	9.615	7.499	2.047	-4.433	-9.401	-11.290	-10.132	-7.331	-4.746
1221	12.20	-3.644	-4.043	-4.847	-4.587	-2.367	1.541	5.780	8.619	8.878	6.559
1231	12.30	2.840	-0.559	-2.283	-2.016	-0.559	0.713	0.704	-0.722	-2.637	-3.554
1241	12.40	-2.310	1.204	5.839	9.677	10.955	8.964	4.459	-0.667	-4.146	-4.546
1251	12.50	-1.721	3.088	7.883	10.855	11.120	8.992	5.664	2.524	0.499	0.276
1261	12.60	-0.308	-0.287	-0.582	-1.002	-0.929	0.257	2.732	6.003	9.053	10.768
1271	12.70	10.444	8.090	4.420	0.521	-2.589	-4.314	-4.572	-3.669	-1.930	0.305
1281	12.80	2.898	5.662	8.193	9.810	9.728	7.407	2.927	-2.842	-8.415	-12.171
1291	12.90	-12.976	-10.647	-6.058	-0.801	3.446	5.579	5.463	3.892	2.140	1.335
1301	13.00	1.933	3.541	5.158	5.700	4.560	1.937	-1.225	-3.648	-4.293	-2.832
1311	13.10	0.197	3.599	6.019	6.486	4.787	1.516	-2.204	-5.194	-6.674	-6.533
1321	13.20	-5.301	-3.866	-1.072	-3.358	-4.587	-6.119	-7.082	-6.728	-4.737	-1.366
1331	13.30	2.624	6.207	8.432	8.743	7.167	4.325	1.240	-0.985	-1.533	-0.155
1341	13.40	2.726	6.140	8.888	9.969	8.945	6.125	2.459	-0.810	-2.632	-2.578
1351	13.50	-1.016	1.032	2.343	2.043	0.035	-2.900	-5.409	-6.156	-4.450	-0.626
1361	13.60	4.027	7.751	9.075	7.460	3.563	-1.022	-4.451	-5.436	-3.812	-0.590
1371	13.70	2.521	3.914	2.832	-0.278	-3.989	-6.565	-6.795	-4.566	-0.931	2.367
1381	13.80	3.695	2.269	-1.690	-6.155	-9.878	-11.253	-9.787	-6.070	-1.436	2.647
1391	13.90	5.156	5.825	5.079	3.674	2.267	1.110	0.023	-1.397	-3.456	-6.114
1401	14.00	-8.922	-11.175	-12.183	-11.581	-9.276	-5.831	-1.912	1.717	4.428	5.839
1411	14.10	5.850	4.623	2.504	-0.054	-2.597	-4.759	-6.332	-7.286	-7.721	-7.778
1421	14.20	-7.542	-6.993	-6.032	-4.585	-2.718	-0.688	1.099	2.252	2.583	2.231
1431	14.30	1.649	1.414	1.954	3.305	5.030	6.357	6.508	5.064	2.210	-1.255
1441	14.40	-4.190	-5.537	-6.752	-7.044	-6.671	-5.089	-3.985	-0.454	4.145	0.229
1451	14.50	-3.891	-6.998	-8.260	-7.457	-5.002	-1.742	1.350	3.491	4.292	3.816
1461	14.60	2.480	0.869	-0.475	-1.205	-1.235	-0.709	0.087	0.839	1.293	1.308
1471	14.70	0.875	0.103	-0.810	-1.616	-2.080	-2.035	-1.454	-0.466	0.669	1.652
1481	14.80	2.269	2.493	2.504	2.595	3.002	3.721	4.432	4.589	3.679	1.530
1491	14.90	-1.461	-4.350	-5.952	-5.331	-2.286	2.419	7.231	10.366	10.539	7.565

Table 7-34-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1979 1317-GR-1-9 HA. (HA.) HIROO BRIDGE MAX. ACC. = -84.395 (GAL) T= 3.57 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	2.532	-2.565	-5.616	-5.283	-1.610	3.943	9.068	11.555	10.224	5.427
1511	15.10	-1.091	-6.923	-9.992	-9.396	-5.730	-0.772	3.317	4.918	3.609	0.265
1521	15.20	-3.399	-5.626	-5.404	-2.883	0.716	3.674	4.532	2.738	-1.110	-5.502
1531	15.30	-8.630	-9.112	-6.547	-1.674	3.895	8.262	9.911	8.217	3.610	-2.622
1541	15.40	-8.802	-13.413	-15.528	-14.998	-12.354	-8.519	-4.457	-0.894	1.795	3.542
1551	15.50	4.445	4.621	4.129	2.999	1.321	-0.667	-2.547	-3.795	-3.925	-2.654
1561	15.60	-0.036	3.514	7.283	10.430	12.178	12.009	9.803	5.897	1.032	-3.783
1571	15.70	-7.505	-9.315	-8.840	-6.268	-2.299	2.071	5.857	8.379	9.432	9.246
1581	15.80	8.289	6.985	5.509	3.767	1.555	-1.166	-4.062	-6.412	-7.341	-6.217
1591	15.90	-3.016	1.529	6.109	9.298	10.102	8.351	4.759	0.616	-2.731	-4.384
1601	16.00	-4.147	-2.453	-0.042	2.429	4.608	6.440	7.944	8.989	9.206	8.157
1611	16.10	5.648	2.008	-1.865	-4.791	-5.803	-4.630	-1.887	1.153	3.133	3.253
1621	16.20	1.660	-0.626	-2.245	-2.210	-0.451	2.105	3.986	3.923	1.539	-2.403
1631	16.30	-6.317	-8.549	-8.180	-5.495	-1.855	0.952	1.577	-0.240	-3.556	-6.477
1641	16.40	-8.000	-6.757	-3.369	0.785	4.035	5.200	4.096	1.549	-1.068	-2.526
1651	16.50	-2.317	-0.853	0.786	1.416	0.330	-2.358	-5.750	-8.560	-9.655	-8.517
1661	16.60	-5.440	-1.393	2.351	4.685	5.035	3.509	0.800	-2.115	-4.339	-5.366
1671	16.70	-5.216	-4.360	-3.464	-3.055	-3.263	-3.744	-3.839	-2.902	-0.670	2.522
1681	16.80	5.791	8.028	8.371	6.603	3.298	-0.389	-3.196	-4.286	-3.584	-1.762
1691	16.90	0.127	1.175	1.063	0.182	-0.601	-0.424	1.092	3.620	6.251	7.914
1701	17.00	7.866	6.008	2.913	-0.475	-3.268	-4.881	-5.339	-4.950	-4.146	-3.245
1711	17.10	-2.382	-1.597	-0.986	-0.771	-1.221	-2.458	-4.269	-6.071	-7.093	-6.706
1721	17.20	-4.757	-1.694	1.573	4.049	5.077	4.595	3.098	1.331	-0.117	-1.088
1731	17.30	-1.868	-2.909	-4.446	-6.233	-7.557	-7.569	-5.752	-2.289	1.892	5.448
1741	17.40	7.190	6.624	4.199	1.129	-1.134	-1.549	0.071	2.989	5.897	7.512
1751	17.50	7.143	4.964	1.916	-0.737	-1.948	-1.315	0.793	3.440	5.533	6.265
1761	17.60	5.405	3.336	0.859	-1.147	-2.066	-1.738	-0.505	0.956	1.911	1.841
1771	17.70	0.255	-1.592	-3.280	-4.526	-4.460	-2.927	-0.447	2.314	4.436	5.338
1781	17.80	4.894	3.490	2.175	1.501	1.949	3.321	4.881	5.679	5.002	3.940
1791	17.90	-0.500	-3.606	-5.418	-5.229	-3.098	0.161	3.322	5.267	5.445	4.059
1801	18.00	1.918	0.014	-0.965	-0.844	-0.162	0.325	-0.038	-1.441	-3.512	-5.504
1811	18.10	-6.849	-6.503	-5.107	-2.909	-0.512	1.595	3.185	4.247	4.835	4.917
1821	18.20	4.354	3.045	1.124	-0.927	-2.379	-2.572	-1.291	0.994	3.225	4.185
1831	18.30	3.092	0.068	-1.799	-4.882	-7.642	-5.641	-1.880	3.144	6.296	6.652
1841	18.40	4.120	-0.111	-4.344	-6.649	-6.510	-4.336	-1.444	0.735	1.390	0.663
1851	18.50	-0.556	-1.247	-0.900	0.172	1.050	0.813	-0.829	-3.240	-5.123	-5.201
1861	18.60	-2.961	0.962	5.000	7.384	7.012	4.013	-0.314	-4.135	-5.985	-5.440
1871	18.70	-3.268	-0.842	0.450	0.083	-1.507	-3.258	-4.161	-3.853	-2.782	-1.874
1881	18.80	-1.906	-2.976	-4.404	-5.123	-4.347	-2.105	0.663	2.671	2.842	1.129
1891	18.90	-1.484	-3.348	-3.198	-0.702	3.190	6.899	8.096	6.585	2.713	-1.897
1901	19.00	-5.382	-6.445	-5.102	-2.386	0.198	1.515	1.366	0.370	-0.359	-0.108
1911	19.10	1.073	2.405	2.891	1.975	-0.053	-2.168	-3.182	-2.450	-0.291	2.129
1921	19.20	3.418	2.760	0.311	-2.673	-4.665	-4.814	-2.568	0.330	2.626	2.470
1931	19.30	0.310	-2.921	-5.590	-5.979	-3.607	0.721	5.254	8.152	8.372	6.139
1941	19.40	2.761	-0.066	-1.100	-0.100	2.168	4.434	5.617	5.345	4.040	2.579
1951	19.50	1.750	1.831	2.516	3.173	3.249	2.684	1.736	0.930	0.604	0.704
1961	19.60	0.838	0.562	-0.273	-1.350	-2.005	-1.605	0.045	2.497	4.794	5.898
1971	19.70	5.195	2.806	-0.447	-3.426	-5.189	-5.383	-4.330	-2.769	-1.437	-0.709
1981	19.80	-0.190	-0.388	-0.045	0.584	1.192	1.285	0.536	-0.973	-2.721	-3.970
1991	19.90	-4.133	-3.083	-1.235	0.869	1.821	1.903	1.041	-0.196	-1.118	-1.252

Table 7-34-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1979 1317-GR-1-9 HA. (HA.) HIROO BRIDGE MAX. ACC. = -84.395 (GAL) T= 3.57 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.540	0.677	1.871	2.604	2.717	2.363	1.672	1.561	1.577	1.852
2011	20.10	2.239	2.531	2.660	2.653	2.575	2.440	2.183	1.676	0.826	-0.342
2021	20.20	-1.658	-2.866	-3.732	-4.149	-4.186	-4.036	-3.910	-3.926	-4.059	-4.168
2031	20.30	-4.098	-3.783	-3.304	-2.853	-2.622	-2.671	-2.855	-2.846	-2.272	-0.913
2041	20.40	1.131	3.390	5.143	5.679	4.611	2.107	-1.087	-3.865	-5.101	-4.491
2051	20.50	-2.046	1.149	3.696	4.396	2.792	-0.573	-4.337	-6.898	-7.131	-4.935
2061	20.60	-1.316	2.053	3.616	2.688	-0.179	-3.638	-5.285	-4.557	-1.350	2.974
2071	20.70	6.417	7.300	5.104	0.748	-3.834	-6.609	-6.419	-3.513	0.617	4.004
2081	20.80	5.188	3.895	1.105	-1.539	-2.625	-1.706	0.510	2.601	3.247	1.970
2091	20.90	-0.600	-3.065	-4.021	-2.816	0.105	3.428	5.682	5.980	4.446	2.082
2101	21.00	0.170	-0.434	0.259	1.447	2.064	1.448	-0.235	-2.062	-2.876	-1.976
2111	21.10	0.414	3.174	4.818	4.251	1.360	-2.871	-6.796	-8.862	-8.319	-5.525
2121	21.20	-1.726	1.563	3.250	3.085	1.649	-0.054	-1.140	-1.242	-0.583	0.283
2131	21.30	0.856	0.994	0.965	1.239	2.173	3.767	5.619	7.116	7.713	7.178
2141	21.40	5.659	3.569	1.377	-0.582	-2.174	-3.407	-4.301	-4.800	-4.771	-4.102
2151	21.50	-2.823	-1.167	0.467	1.655	2.106	1.772	0.851	-0.306	-1.329	-1.932
2161	21.60	-1.960	-1.374	-0.218	1.395	3.260	5.056	6.368	6.773	5.991	4.038
2171	21.70	1.292	-1.574	-3.793	-4.771	-4.308	-2.676	-0.513	1.416	2.510	2.535
2181	21.80	1.667	0.374	-0.815	-1.532	-1.693	-1.483	-1.207	-1.113	-1.253	-1.467
2191	21.90	-1.480	-1.071	-0.218	0.857	1.766	2.137	1.797	0.889	-0.165	-0.838
2201	22.00	-0.737	0.199	1.638	2.982	3.613	3.172	1.724	-0.260	-2.115	-3.272
2211	22.10	-3.512	-3.038	-2.368	-1.952	-2.095	-2.618	-3.035	-2.799	-1.618	0.338
2221	22.20	2.454	3.927	4.126	2.910	0.716	-1.607	-3.157	-3.365	-2.217	-0.224
2231	22.30	1.837	3.290	3.832	3.615	3.084	2.695	2.652	2.804	2.756	2.115
2241	22.40	0.754	-1.064	-2.761	-3.689	-3.423	-1.976	0.188	2.319	3.676	3.802
2251	22.50	2.674	0.690	-1.501	-3.230	-4.018	-3.685	-2.367	-0.442	1.577	3.165
2261	22.60	3.886	3.484	1.954	-0.425	-3.125	-5.478	-6.861	-6.899	-5.613	-3.439
2271	22.70	-1.107	0.619	1.217	0.607	-0.824	-2.385	-3.362	-3.337	-2.343	-0.845
2281	22.80	0.477	1.041	0.629	-0.520	-1.826	-2.648	-2.593	-1.712	-0.480	0.422
2291	22.90	0.434	-0.610	-2.391	-4.249	-5.484	-5.678	-4.884	-3.579	-2.408	-1.851
2301	23.00	-1.968	-2.375	-2.445	-1.664	0.058	2.270	4.165	4.866	3.942	1.654
2311	23.10	-1.184	-3.459	-4.249	-3.229	-0.816	2.012	4.138	4.786	3.821	1.763
2321	23.20	-0.487	-2.076	-2.565	-2.066	-1.117	-0.358	-0.189	-0.578	-1.105	-1.211
2331	23.30	-0.520	0.939	2.702	4.070	4.412	3.462	1.450	-0.978	-2.999	-3.924
2341	23.40	-3.444	-1.721	0.693	3.056	4.680	5.152	4.423	2.809	0.867	-0.774
2351	23.50	-1.615	-1.442	-0.391	1.091	2.400	3.025	2.701	1.578	0.146	-0.956
2361	23.60	-1.223	-0.516	0.856	2.261	3.028	2.776	1.608	0.097	-0.968	-0.951
2371	23.70	0.314	2.419	4.539	5.791	5.629	4.082	1.734	-0.543	-1.975	-2.205
2381	23.80	-1.397	-0.103	1.039	1.604	1.531	1.081	0.628	0.430	0.491	0.598
2391	23.90	0.480	0.001	-0.736	-1.438	-1.780	-1.592	-0.956	-0.167	0.432	0.636
2401	24.00	0.486	0.232	0.194	0.567	1.315	2.183	2.829	2.997	2.633	1.891
2411	24.10	1.026	0.258	-0.328	-0.782	-1.203	-1.628	-1.979	-2.084	-1.785	-1.042
2421	24.20	0.018	1.144	2.072	2.637	2.821	2.715	2.424	1.992	1.393	0.599
2431	24.30	-0.326	-1.173	-1.654	-1.545	-0.853	0.120	0.866	0.904	0.044	-1.467
2441	24.40	-3.013	-3.879	-3.607	-2.254	-0.397	1.117	1.589	0.812	-0.814	-2.483
2451	24.50	-3.390	-3.146	-1.966	-0.551	0.305	0.148	-0.875	-2.084	-2.624	-1.926
2461	24.60	-0.035	2.387	4.368	5.098	4.315	2.409	0.207	-1.447	-2.084	-1.776
2471	24.70	-1.012	-0.369	-0.178	-0.378	-0.617	-0.532	-0.028	0.434	0.956	0.527
2481	24.80	-0.704	-2.334	-3.673	-4.092	-3.358	-1.776	-0.054	1.048	1.095	0.178
2491	24.90	-1.151	-2.184	-2.419	-1.795	-0.676	0.379	0.939	0.911	0.547	0.246

Table 7-34-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1979 1317-GR-1-9 HA. (HA.) HIROO BRIDGE MAX. ACC. = -84.395 (GAL) T= 3.57 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.291	0.672	1.104	1.222	0.822	0.014	-0.829	-1.282	-1.115	-0.466
2511	25.10	0.322	0.717	0.468	-0.352	-1.368	-2.126	-2.350	-2.083	-1.635	-1.361
2521	25.20	-1.421	-1.656	-1.687	-1.163	-0.028	1.376	2.439	2.605	1.704	0.097
2531	25.30	-1.462	-2.193	-1.704	-0.220	1.513	2.602	2.488	1.253	-0.397	-1.490
2541	25.40	-1.302	0.242	2.493	4.381	4.943	3.805	0.379	-1.325	-3.177	-3.450
2551	25.50	-2.124	0.146	2.389	3.774	3.957	3.148	1.907	0.803	0.129	-0.174
2561	25.60	-0.391	-0.785	-1.400	-2.029	-2.338	-2.087	-1.281	-0.191	0.784	1.317
2571	25.70	1.293	0.834	0.193	-0.403	-0.851	-1.166	-1.384	-1.473	-1.290	-0.673
2581	25.80	0.416	1.785	3.019	3.649	3.377	2.265	0.749	-0.536	-1.054	-0.626
2591	25.90	0.477	1.675	2.381	2.307	1.613	0.822	0.531	1.085	2.370	3.852
2601	26.00	4.632	4.786	3.632	1.753	-0.176	-1.516	-1.946	-1.572	-0.831	-0.235
2611	26.10	-0.121	-0.511	-1.147	-1.669	-1.810	-1.530	-1.001	-0.497	-0.244	-0.325
2621	26.20	-0.679	-1.171	-1.681	-2.148	-2.548	-2.844	-2.940	-2.717	-2.104	-1.177
2631	26.30	-0.191	0.484	0.521	-0.197	-1.474	-2.847	-3.763	-3.821	-2.957	-1.490
2641	26.40	0.012	0.984	1.117	0.491	-0.477	-1.242	-1.397	-0.681	0.001	0.723
2651	26.50	0.803	0.055	-1.304	-2.729	-3.595	-3.481	-2.382	-0.727	0.798	1.556
2661	26.60	1.242	0.037	-1.468	-2.528	-2.577	-1.685	0.374	2.280	3.481	3.507
2671	26.70	2.367	0.516	-1.361	-2.662	-3.104	-2.798	-2.122	-1.482	-1.091	-0.886
2681	26.80	-0.618	-0.061	0.794	1.677	2.160	1.898	0.857	-0.602	-1.858	-2.325
2691	26.90	-1.755	-0.387	1.141	2.105	2.058	1.062	-0.334	-1.379	-1.511	-0.662
2701	27.00	0.700	1.809	2.000	1.061	-0.643	-2.358	-3.325	-3.167	-2.073	-0.681
2711	27.10	0.272	0.345	-0.382	-1.364	-1.901	-1.526	-0.252	1.427	2.807	3.338
2721	27.20	2.894	1.809	0.673	0.004	-0.003	0.467	1.015	1.298	1.226	1.004
2731	27.30	0.945	1.235	1.789	2.188	2.094	1.329	0.127	-0.935	-1.264	-0.563
2741	27.40	0.918	2.534	3.398	2.992	1.397	-0.684	-2.235	-2.429	-1.045	1.395
2751	27.50	3.858	5.282	5.072	3.366	0.937	-1.187	-2.213	-1.910	-0.653	0.836
2761	27.60	1.865	2.092	1.606	0.787	0.029	-0.483	-0.826	-1.209	-1.758	-2.366
2771	27.70	-2.710	-2.436	-1.404	0.158	1.699	2.579	2.389	1.178	-0.524	-1.926
2781	27.80	-2.332	-1.462	0.410	2.561	4.128	4.466	3.601	1.282	-1.175	-3.177
2791	27.90	-4.128	-3.814	-2.420	-0.617	1.622	3.206	4.048	4.103	3.541	2.852
2801	28.00	1.745	1.045	0.639	0.466	0.377	0.218	-0.073	-0.431	-0.684	-0.639
2811	28.10	-0.199	0.576	1.463	2.165	2.460	2.206	1.525	0.792	0.119	-0.273
2821	28.20	-0.382	-0.242	-0.043	0.151	0.338	0.554	0.811	1.041	1.108	0.885
2831	28.30	0.366	-0.376	-1.026	-1.344	-1.202	-0.691	-0.091	0.266	0.159	-0.398
2841	28.40	-1.167	-1.819	-2.109	-2.018	-1.758	-1.639	-1.876	-2.441	-3.046	-3.276
2851	28.50	-2.809	-1.594	0.095	1.778	2.980	3.440	3.207	2.567	1.867	1.327
2861	28.60	0.953	0.580	0.027	-0.748	-1.582	-2.171	-2.241	-1.710	-0.761	0.220
2871	28.70	0.485	0.624	0.228	-0.028	-0.311	-0.535	-0.109	-0.168	0.284	0.616
2881	28.80	2.267	2.826	2.419	1.547	0.333	-1.056	-2.610	-3.483	-4.038	-3.926
2891	28.90	-3.152	-1.903	-0.497	0.718	1.480	1.690	1.413	0.814	0.076	-0.658
2901	29.00	-1.292	-1.747	-1.929	-1.742	-1.144	-0.212	0.825	1.634	1.901	1.673
2911	29.10	0.450	-0.860	-1.971	-2.599	-2.611	-2.150	-1.521	-1.018	-0.780	-0.743
2921	29.20	-0.719	-0.563	-0.207	0.116	0.165	-0.242	-1.067	-2.029	-2.715	-2.785
2931	29.30	-2.144	-1.014	0.149	0.950	1.078	0.579	-0.128	-0.956	-1.330	-1.249
2941	29.40	-0.904	-0.526	-0.296	-0.234	-0.215	-0.088	0.196	0.512	0.616	0.282
2951	29.50	-0.536	-1.623	-2.568	-2.933	-2.470	-1.244	0.273	1.561	2.097	1.674
2961	29.60	0.484	-0.970	-2.067	-2.326	-1.598	-0.109	1.631	3.041	3.687	3.433
2971	29.70	2.470	1.215	0.163	-0.403	-0.325	0.217	0.896	1.365	1.412	1.060
2981	29.80	0.457	-0.031	-0.156	0.182	0.873	1.642	2.168	2.223	1.758	0.915
2991	29.90	-0.042	-0.844	-1.318	-1.432	-1.280	-1.013	-0.773	-0.649	-0.667	-0.815

Table 7-34-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1979 1317-ER-1-9 HA. (HA.) HIROO BRIDGE MAX. ACC. = -84.395 (GAL) T= 3.57 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-1.060	-1.359	-1.657	-1.883	-1.977	-1.919	-1.761	-1.625	-1.645	-1.889
3011	30.10	-2.283	-2.606	-2.569	-1.963	-0.793	0.667	1.955	2.611	2.397	1.426
3021	30.20	0.135	-0.910	-1.285	-0.907	-0.076	0.690	0.931	0.499	-0.160	-1.134
3031	30.30	-1.331	-0.759	0.361	1.408	1.855	1.399	0.251	-0.955	-1.465	-0.792
3041	30.40	1.007	3.316	5.224	5.942	5.173	3.245	0.950	-0.825	-1.501	-1.036
3051	30.50	0.107	1.237	1.781	1.550	0.770	-0.098	-0.631	-0.681	-0.424	-0.221
3061	30.60	-0.382	-0.965	-1.726	-2.250	-2.181	-1.428	-0.236	0.931	1.610	1.570
3071	30.70	0.916	0.031	-0.622	-0.723	-0.239	0.581	1.365	1.715	1.552	0.959
3081	30.80	0.200	-0.443	-0.793	-0.821	-0.614	-0.286	0.092	0.508	0.964	1.420
3091	30.90	1.764	1.841	1.546	0.902	0.090	-0.601	-0.904	-0.700	-0.082	0.688
3101	31.00	1.303	1.575	1.524	1.364	1.372	1.720	2.355	3.002	3.294	2.969
3111	31.10	2.031	0.781	-0.299	-0.771	-0.442	0.533	1.731	2.654	2.961	2.605
3121	31.20	1.824	0.979	0.354	0.005	-0.241	-0.648	-1.382	-2.368	-3.292	-3.738
3131	31.30	-3.403	-2.266	-0.622	1.046	2.270	2.795	2.650	2.075	1.364	0.701
3141	31.40	0.108	-0.489	-1.130	-1.706	-1.972	-1.663	-0.686	0.762	2.217	3.131
3151	31.50	3.135	2.239	0.851	-0.405	-0.995	-0.741	0.093	0.947	1.277	0.861
3161	31.60	-0.063	-0.915	-1.085	-0.286	1.255	2.871	3.765	3.416	1.839	-0.383
3171	31.70	-2.386	-3.424	-3.218	-2.061	-0.641	0.323	0.442	-0.175	-1.019	-1.486
3181	31.80	-1.220	-0.312	0.749	1.335	1.016	-0.222	-1.944	-3.504	-4.326	-4.184
3191	31.90	-3.269	-2.071	-1.122	-0.749	-0.958	-1.478	-1.928	-2.011	-1.633	-0.901
3201	32.00	-0.032	0.765	1.358	1.701	1.786	1.602	1.139	0.435	-0.374	-1.044
3211	32.10	-1.303	-0.976	-0.107	1.009	1.873	2.060	1.350	-0.106	-1.822	-3.159
3221	32.20	-3.604	-2.991	-1.582	0.037	1.213	1.501	0.868	-0.409	-1.708	-2.527
3231	32.30	-2.610	-2.068	-1.294	-0.765	-0.808	-1.442	-2.377	-3.152	-3.350	-2.791
3241	32.40	-1.417	-0.232	0.871	1.313	0.987	0.287	-0.988	-1.792	-2.056	-1.751
3251	32.50	-1.105	-0.478	-0.191	-0.382	-0.943	-1.571	-1.911	-1.718	-0.974	0.100
3261	32.60	1.135	1.775	1.825	1.360	0.589	-0.060	-0.303	-0.032	0.621	1.347
3271	32.70	1.790	1.699	1.029	-0.064	-1.194	-2.070	-2.417	-2.154	-1.383	-0.333
3281	32.80	0.724	1.559	2.037	2.137	1.933	1.547	1.106	0.699	0.369	0.065
3291	32.90	-0.237	-0.585	-0.967	-1.304	-1.470	-1.347	-0.894	-0.190	0.563	1.115
3301	33.00	1.277	1.019	0.516	0.087	0.062	0.613	1.646	2.805	3.608	3.654
3311	33.10	2.816	1.314	-0.360	-1.656	-2.207	-1.985	-1.295	-0.609	-0.316	-0.526
3321	33.20	-1.017	-1.368	-1.201	-0.414	0.725	1.675	1.880	1.051	-0.665	-2.712
3331	33.30	-4.356	-4.998	-4.427	-2.896	-0.980	0.690	1.708	2.033	1.948	1.855
3341	33.40	2.041	2.527	3.069	3.314	3.007	2.137	0.951	-0.174	-0.917	-1.164
3351	33.50	-1.035	-0.788	-0.649	-0.677	-0.734	-0.580	-0.045	0.844	1.813	2.470
3361	33.60	2.489	1.794	0.629	-0.528	-1.178	-1.036	-0.186	0.954	1.793	1.861
3371	33.70	1.029	-0.406	-1.830	-2.574	-2.214	-0.774	1.253	3.091	3.987	3.527
3381	33.80	1.819	-0.538	-2.673	-3.780	-3.430	-1.751	0.720	3.074	4.557	4.755
3391	33.90	3.745	2.030	0.308	-0.807	-1.016	-0.412	0.611	1.552	2.026	1.904
3401	34.00	1.329	0.615	0.082	-0.075	0.147	0.591	1.033	1.285	1.255	0.962
3411	34.10	0.507	0.022	-0.364	-0.544	-0.452	-0.081	0.497	1.119	1.565	1.625
3421	34.20	1.203	0.397	-0.495	-1.068	-0.980	-0.128	1.258	2.671	3.514	3.362
3431	34.30	2.172	0.327	-1.504	-2.656	-2.758	-1.899	-0.581	0.520	0.877	0.361
3441	34.40	-0.703	-1.708	-2.058	-1.469	-0.109	1.484	2.653	2.923	2.213	0.849

Table 7-35-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1980 1317-GR-1-9 U-D (U-D) HIROO BRIDGE MAX. ACC. = 22.493 (GAL) T= 4.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-3.596	-1.450	0.915	2.616	3.027	2.059	0.221	-1.610	-2.568	-2.184
11	0.10	-0.568	1.660	3.667	4.776	4.717	3.697	2.213	0.786	-0.272	-0.930
21	0.20	-1.341	-1.643	-1.797	-1.543	-0.576	1.271	3.825	6.549	8.696	9.592
31	0.30	8.914	6.832	3.952	1.087	-1.034	-1.994	-1.770	-0.659	0.883	2.414
41	0.40	3.595	4.209	4.132	3.316	1.820	-0.132	-2.122	-3.596	-4.017	-3.083
51	0.50	-0.896	1.997	4.752	6.508	6.704	5.300	2.789	0.008	-2.172	-3.162
61	0.60	-2.825	-1.404	0.359	2.063	3.244	3.749	3.627	3.005	1.990	0.632
71	0.70	-1.021	-2.843	-4.579	-5.682	-6.427	-6.054	-4.871	-3.244	-1.681	-0.655
81	0.80	-0.335	-0.691	-1.344	-1.621	-1.736	-0.950	0.368	1.616	2.920	3.324
91	0.90	2.931	1.943	0.781	-0.072	-0.258	0.318	1.441	2.662	3.460	3.437
101	1.00	2.478	0.812	-1.057	-2.519	-3.001	-2.539	-1.056	0.909	2.774	4.040
111	1.10	4.462	4.084	3.174	2.059	0.978	-0.003	-0.965	-2.024	-3.214	-4.416
121	1.20	-5.393	-5.911	-5.875	-5.404	-4.803	-4.418	-4.457	-4.860	-5.288	-5.254
131	1.30	-4.340	-2.404	0.324	3.299	5.849	7.423	7.775	7.029	5.597	4.003
141	1.40	2.691	1.910	1.688	1.899	2.367	2.938	3.505	3.987	4.292	4.315
151	1.50	3.966	3.221	2.174	1.004	-0.079	-0.926	-1.519	-1.963	-2.410	-2.936
161	1.60	-3.454	-3.708	-3.371	-2.220	-0.294	2.036	4.154	5.402	5.340	3.941
171	1.70	1.631	-0.846	-2.698	-3.373	-2.746	-1.149	0.814	2.646	3.264	3.102
181	1.80	2.107	0.623	-0.978	-2.415	-3.542	-4.311	-4.701	-4.682	-4.221	-3.336
191	1.90	-2.150	-0.892	0.175	0.865	1.172	1.292	1.541	2.202	3.361	4.828
201	2.00	6.188	6.969	6.851	5.821	4.191	2.465	1.115	0.377	0.165	0.136
211	2.10	-0.103	-0.772	-1.779	-2.743	-3.170	-2.707	-1.383	0.542	2.299	3.274
221	2.20	3.073	1.734	-0.299	-2.350	-3.791	-4.274	-3.836	-2.833	-1.756	-1.006
231	2.30	-0.752	-0.911	-1.261	-1.605	-1.397	-2.262	-2.904	-3.931	-5.217	-6.364
241	2.40	-6.822	-6.117	-4.094	-1.072	2.192	4.726	5.685	4.671	1.912	-1.801
251	2.50	-5.383	-7.860	-8.606	-7.706	-5.681	-3.319	-1.323	-0.054	0.539	0.785
261	2.60	1.039	1.442	1.819	1.766	0.878	-0.994	-3.594	-6.311	-8.400	-9.289
271	2.70	-8.822	-7.320	-5.432	-3.835	-2.932	-2.681	-2.645	-2.236	-1.039	0.938
281	2.80	3.210	4.994	5.544	4.495	2.058	-1.032	-3.794	-5.386	-5.436	-4.188
291	2.90	-2.358	-0.240	-0.274	-2.087	-3.625	-4.149	-3.840	-2.547	-0.698	
301	3.00	1.141	2.550	3.423	3.961	4.493	5.233	6.112	6.791	6.837	5.976
311	3.10	4.274	2.145	0.169	-1.184	-1.779	-1.848	-1.826	-2.063	-2.581	-3.019
321	3.20	-2.817	-1.531	0.865	3.886	6.705	8.505	8.647	7.860	6.042	4.143
331	3.30	2.615	1.523	0.612	-0.405	-1.536	-2.391	-2.354	-0.980	1.622	4.659
341	3.40	6.955	7.321	5.543	2.280	-0.943	-2.434	-1.146	2.755	7.867	12.125
351	3.50	13.701	11.609	7.027	0.993	-4.364	-7.606	-8.582	-7.772	-4.358	-5.242
361	3.60	-4.651	-4.142	-3.026	-0.934	1.830	4.356	5.592	4.933	2.599	-0.426
371	3.70	-2.863	-3.774	-3.001	-1.197	0.575	1.424	1.072	-0.066	-1.201	-1.660
381	3.80	-1.246	-0.280	0.694	1.326	1.699	2.247	3.365	4.993	6.453	6.727
391	3.90	5.064	1.587	-2.476	-5.162	-4.644	-0.188	7.286	15.394	21.208	22.493
401	4.00	18.699	11.200	2.472	-4.103	-7.428	-7.303	-5.204	-3.161	-2.775	-4.303
411	4.10	-6.861	-8.982	-9.549	-8.445	-6.584	-5.328	-5.640	-7.448	-9.612	-10.508
421	4.20	-8.929	-6.813	0.613	5.359	7.617	6.640	3.098	-1.256	-4.445	-5.202
431	4.30	-3.527	-0.596	1.898	2.614	1.197	-1.617	-4.452	-6.015	-5.723	-3.913
441	4.40	-1.566	0.266	1.004	0.782	0.271	0.225	1.015	2.418	3.758	4.301
451	4.50	3.695	2.181	0.487	-0.551	-0.415	0.819	2.521	3.805	3.936	2.642
461	4.60	0.185	-2.811	-5.654	-7.845	-9.182	-9.693	-9.480	-8.593	-7.025	-4.819
471	4.70	-2.195	0.401	2.403	3.325	3.006	1.709	0.042	-1.298	-1.813	-1.413
481	4.80	-0.411	0.667	1.342	1.508	1.268	0.993	0.966	1.197	1.307	1.097
491	4.90	0.025	-1.734	-3.632	-4.835	-4.586	-2.573	0.850	4.729	7.834	9.112

Table 7-35-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1980 1317-GR-1-9 U-D (U-D) HIROO BRIDGE MAX. ACC. = 22.493 (GAL) T= 4.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	8.098	5.082	1.004	-2.901	-5.543	-6.328	-5.311	-3.108	-0.628	1.249
511	5.10	1.943	1.307	-0.384	-2.554	-4.514	-5.644	-5.545	-4.130	-1.643	1.404
521	5.20	4.359	6.614	7.777	7.787	6.927	5.701	4.637	4.078	4.053	4.290
531	5.30	4.367	3.940	2.938	1.629	0.523	0.135	0.728	2.136	3.803	4.972
541	5.40	5.010	3.688	1.305	-1.410	-3.580	-4.519	-3.995	-2.285	-0.032	2.033
551	5.50	1.370	3.779	3.383	2.476	1.339	0.139	-1.046	-2.115	-2.845	-2.896
561	5.60	-1.956	0.026	2.677	5.209	6.670	6.345	4.120	0.630	-2.939	-5.330
571	5.70	-5.772	-4.343	-1.961	0.039	0.536	-0.622	-3.432	-6.008	-7.203	-6.272
581	5.80	-3.448	0.157	3.081	4.215	3.326	1.135	-1.071	-2.098	-1.436	0.525
591	5.90	2.737	4.070	3.896	2.390	0.381	-1.130	-1.538	-0.948	-0.099	0.090
601	6.00	-0.942	-3.036	-5.362	-6.836	-6.681	-4.863	-2.116	0.410	1.706	1.370
611	6.10	-0.256	-2.347	-4.086	-5.116	-5.691	-6.452	-7.956	-10.221	-12.559	-13.814
621	6.20	-12.905	-9.407	-3.878	2.254	7.206	9.562	8.738	5.378	0.895	-3.004
631	6.30	-4.984	-4.525	-2.011	1.528	4.871	7.060	7.674	6.863	5.171	3.262
641	6.40	1.680	0.700	0.324	0.363	0.563	0.719	0.736	0.637	0.524	0.511
651	6.50	0.664	0.988	1.339	1.663	1.856	1.900	1.849	1.787	1.773	1.800
661	6.60	1.802	1.703	1.485	1.220	1.052	1.101	1.369	1.683	1.748	1.288
671	6.70	0.231	-1.178	-2.399	-2.787	-1.872	0.390	3.524	6.476	8.897	9.524
681	6.80	8.413	5.977	2.985	0.243	-1.707	-2.736	-3.061	-3.045	-2.940	-2.861
691	6.90	-2.615	-2.052	-1.142	-0.085	0.749	0.992	0.480	-0.638	-1.939	-2.904
701	7.00	-3.151	-2.604	-1.535	-0.443	0.143	-0.122	-1.286	-3.088	-5.066	-6.692
711	7.10	-7.514	-7.250	-5.828	-3.403	-0.334	2.857	5.576	7.277	7.611	6.540
721	7.20	4.379	1.719	-0.735	-2.378	-2.877	-2.254	-0.832	0.898	2.454	3.498
731	7.30	3.886	3.645	2.899	1.804	0.503	-0.868	-2.163	-3.220	-3.875	-4.009
741	7.40	-3.590	-2.853	-1.332	0.173	1.683	3.041	4.546	5.846	4.306	3.147
751	7.50	0.970	-2.156	-5.931	-9.866	-13.240	-15.451	-15.969	-14.580	-11.430	-7.015
761	7.60	-2.074	2.574	6.210	8.373	8.947	8.149	6.442	4.379	2.450	0.976
771	7.70	0.083	-0.243	-0.067	0.567	1.647	3.128	4.844	6.452	7.478	7.463
781	7.80	6.173	3.766	0.815	-1.863	-3.404	-3.415	-1.965	0.335	2.600	4.032
791	7.90	4.230	3.315	1.809	0.343	-0.657	-1.144	-1.399	-1.795	-2.512	-3.378
801	8.00	-3.920	-3.620	-2.239	-0.613	2.382	4.119	4.617	3.847	2.384	1.158
811	8.10	1.014	2.296	4.659	7.204	8.887	8.980	7.434	4.612	2.078	0.121
821	8.20	-0.627	-0.329	0.405	0.863	0.585	-0.439	-1.815	-2.989	-3.538	-3.358
831	8.30	-2.670	-1.850	-1.214	-0.876	-0.743	-0.667	-0.591	-0.636	-1.027	-1.912
841	8.40	-3.183	-4.412	-4.982	-4.376	-2.673	0.286	2.997	4.625	4.447	2.398
851	8.50	-0.840	-4.080	-6.103	-6.152	-4.256	-1.204	1.799	3.643	3.778	2.418
861	8.60	0.397	-1.236	-1.703	-0.839	0.863	2.518	3.285	2.772	1.214	-0.651
871	8.70	-1.948	-2.087	-1.049	0.617	2.044	2.544	1.860	0.282	-1.420	-2.458
881	8.80	-2.393	-1.350	0.052	1.023	1.009	-0.020	-1.533	-2.748	-2.939	-1.896
891	8.90	-0.002	1.924	3.011	2.740	1.171	-1.100	-3.249	-4.610	-4.960	-4.568
901	9.00	-3.988	-3.727	-3.971	-4.496	-4.825	-4.511	-3.410	-1.783	-0.177	0.840
911	9.10	0.950	0.225	-0.931	-2.005	-2.614	-2.651	-2.247	-1.713	-1.160	-0.605
921	9.20	0.087	1.030	2.162	3.207	3.778	3.583	2.622	1.246	0.028	-0.494
931	9.30	-0.079	1.087	2.485	3.515	3.795	3.345	2.555	1.954	1.905	2.390
941	9.40	2.996	3.133	2.348	0.595	-1.699	-3.780	-4.914	-4.702	-3.254	-1.129
951	9.50	0.920	2.266	2.641	2.187	1.314	0.459	-0.122	-0.437	-0.479	-1.058
961	9.60	-1.631	-2.235	-2.551	-2.261	-1.223	0.442	2.373	4.105	5.254	5.653
971	9.70	5.398	4.780	4.153	3.773	3.709	3.823	3.848	3.511	2.662	1.366
981	9.80	-0.195	-1.604	-2.536	-2.786	-2.370	-1.516	-0.587	0.066	0.223	-0.134
991	9.90	-0.840	-1.646	-2.342	-2.844	-3.196	-3.503	-3.814	-4.057	-4.049	-3.603

Table 7-35-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1980 1317-GR-1-9 U-D (U-D) HIROO BRIDGE MAX. ACC. = 22.493 (GAL) T= 4.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-2.685	-1.513	-0.542	-0.303	-1.156	-3.075	-5.575	-7.843	-9.041	-8.650
1011	10.10	-6.703	-3.799	-0.864	1.223	1.981	1.496	0.337	-0.747	-1.184	-0.836
1021	10.20	-0.017	0.704	0.829	0.214	-0.830	-1.692	-1.756	-0.629	1.478	3.993
1031	10.30	6.118	7.176	6.874	5.403	3.328	1.343	0.007	-0.441	-0.116	0.622
1041	10.40	1.360	1.702	1.569	0.999	0.194	-0.592	-1.131	-1.270	-0.960	-0.259
1051	10.50	0.680	1.635	2.366	2.677	2.479	1.828	0.905	-0.043	-0.797	-1.242
1061	10.60	-1.408	-1.438	-1.513	-1.756	-2.161	-2.584	-2.788	-2.539	-1.699	-0.290
1071	10.70	1.489	3.313	4.812	5.681	5.760	5.089	3.902	2.565	1.467	0.907
1081	10.80	0.992	1.616	2.490	3.277	3.706	3.677	3.282	2.731	2.229	1.859
1091	10.90	1.540	1.077	0.293	-0.842	-2.146	-3.284	-3.916	-3.681	-3.300	-2.553
1101	11.00	-2.114	-2.327	-3.231	-4.522	-5.691	-6.253	-5.982	-5.002	-3.720	-2.608
1111	11.10	-1.961	-1.760	-1.701	-1.379	-0.533	0.794	2.256	3.574	3.784	3.429
1121	11.20	2.590	1.738	1.277	1.325	1.638	1.737	1.171	-0.222	-2.184	-4.108
1131	11.30	-5.299	-5.279	-4.011	-1.929	0.239	1.765	2.199	1.516	0.074	-1.573
1141	11.40	-2.913	-3.662	-3.733	-3.347	-2.708	-1.981	-1.223	-0.410	0.481	1.412
1151	11.50	2.263	2.876	3.127	2.995	2.589	2.117	1.819	1.890	2.413	3.336
1161	11.60	4.479	5.574	6.319	6.447	5.787	4.316	2.183	-0.303	-2.850	-4.679
1171	11.70	-5.820	-6.002	-5.281	-3.903	-2.226	-0.617	0.639	1.405	1.697	1.652
1181	11.80	1.459	1.283	1.202	1.184	1.106	0.809	0.177	-0.792	-1.954	-3.042
1191	11.90	-3.753	-3.852	-3.275	-2.161	-0.811	0.422	1.271	1.655	1.698	1.666
1201	12.00	1.830	2.348	3.193	4.178	5.044	5.577	5.683	5.400	4.837	4.103
1211	12.10	3.252	2.297	1.281	0.239	-0.588	-1.009	-0.887	-0.260	0.631	1.415
1221	12.20	1.745	1.455	0.658	-0.301	-0.997	-1.123	-0.642	0.194	0.967	1.298
1231	12.30	1.023	0.272	-0.613	-1.258	-1.443	-1.208	-0.802	-0.531	-0.571	-0.855
1241	12.40	-1.102	-0.971	-0.264	0.944	2.299	3.328	3.659	3.216	2.278	1.366
1251	12.50	1.017	1.539	2.864	4.571	6.056	6.775	6.458	5.196	3.385	1.546
1261	12.60	0.133	-0.621	-0.750	-0.493	-0.176	-0.086	-0.380	-1.067	-2.027	-3.069
1271	12.70	-3.988	-4.616	-4.869	-4.872	-4.155	-3.441	-2.707	-2.122	-1.799	-1.772
1281	12.80	-2.005	-2.631	-2.989	-3.655	-4.429	-5.292	-6.154	-6.825	-7.045	-6.569
1291	12.90	-5.278	-3.269	-0.876	1.405	3.063	3.732	3.318	2.015	0.227	-1.580
1301	13.00	-3.041	-3.987	-4.451	-4.591	-4.576	-4.485	-4.280	-3.845	-3.077	-1.972
1311	13.10	-0.665	0.595	1.530	1.930	1.724	0.995	-0.063	-1.217	-2.275	-3.119
1321	13.20	-3.708	-4.047	-4.343	-3.992	-3.579	-2.915	-2.060	-1.139	-0.319	0.236
1331	13.30	0.422	0.231	-0.244	-0.837	-1.372	-1.722	-1.865	-1.792	-1.665	-1.563
1341	13.40	-1.527	-1.510	-1.400	-1.073	-0.662	0.384	1.294	2.024	2.350	2.169
1351	13.50	1.564	0.786	0.169	-0.001	0.382	1.194	2.119	2.791	2.950	2.574
1361	13.60	1.901	1.326	1.225	1.770	2.831	4.001	4.758	4.680	3.622	1.791
1371	13.70	-0.336	-2.185	-3.302	-3.491	-2.858	-1.713	-0.446	0.638	1.385	1.787
1381	13.80	1.922	1.878	1.711	1.446	1.110	0.763	0.498	0.410	0.550	0.896
1391	13.90	1.364	1.848	2.270	2.609	2.882	3.107	3.252	3.227	2.924	2.286
1401	14.00	1.366	0.344	-0.530	-1.041	-1.108	-0.831	-0.448	-0.227	-0.338	-0.767
1411	14.10	-1.329	-1.758	-1.837	-1.504	-0.873	-0.173	0.363	0.607	0.566	0.351
1421	14.20	0.085	-0.176	-0.469	-0.881	-1.460	-2.146	-2.760	-3.070	-2.899	-2.231
1431	14.30	-1.235	-0.211	0.539	0.843	0.731	0.415	0.185	0.273	0.743	1.474
1441	14.40	2.216	2.710	2.804	2.509	1.987	1.478	1.206	1.300	1.763	2.493
1451	14.50	3.325	4.078	4.596	4.768	4.537	3.911	2.968	1.858	0.784	-0.038
1461	14.60	-0.438	-0.346	0.148	0.900	1.560	1.860	1.615	0.818	-0.331	-1.462
1471	14.70	-2.142	-2.016	-0.949	0.897	3.073	4.945	5.990	5.800	4.430	2.304
1481	14.80	0.106	-1.455	-1.905	-1.173	0.389	2.151	3.451	3.848	3.265	1.987
1491	14.90	0.506	-0.692	-1.321	-1.364	-1.027	-0.595	-0.284	-0.158	-0.142	-0.110

Table 7-35-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1980 1317-GR-1-9 U-D (U-D) HIROO BRIDGE MAX. ACC. = 22.493 (GAL) T= 4.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	0.005	0.163	0.233	0.068	-0.301	-0.816	-1.230	-1.310	-0.946	-0.218
1511	15.10	0.617	1.231	1.366	0.937	0.085	-0.915	-1.766	-2.286	-2.472	-2.469
1521	15.20	-2.575	-2.921	-3.580	-4.432	-5.239	-5.735	-5.729	-5.174	-4.175	-2.953
1531	15.30	-1.767	-0.838	-0.270	-0.112	-0.315	-0.627	-0.918	-1.044	-0.956	-0.681
1541	15.40	-0.327	-0.035	0.070	-0.064	-0.400	-0.810	-1.125	-1.188	-0.910	-0.598
1551	15.50	0.553	1.493	2.371	3.065	3.497	3.624	3.417	2.851	1.917	0.654
1561	15.60	-0.815	-2.280	-3.472	-4.139	-4.134	-3.487	-2.413	-1.250	-0.339	0.099
1571	15.70	0.049	-0.303	-0.665	-0.786	-0.579	-0.180	0.111	-0.018	-0.726	-1.902
1581	15.80	-3.171	-4.025	-4.035	-3.039	-1.237	0.869	2.655	3.619	3.559	2.635
1591	15.90	1.281	0.010	-0.788	-0.970	-0.672	-0.183	0.188	0.249	-0.020	-0.498
1601	16.00	-0.999	-1.354	-1.464	-1.293	-0.851	-0.172	0.680	1.591	2.390	2.874
1611	16.10	2.878	2.354	1.424	0.358	-0.514	-0.943	-0.867	-0.439	0.041	0.276
1621	16.20	0.118	-0.362	-0.907	-1.216	-1.098	-0.583	0.087	0.576	0.620	0.167
1631	16.30	-0.594	-1.329	-1.719	-1.624	-1.150	-0.601	-0.323	-0.538	-1.226	-2.136
1641	16.40	-2.888	-3.141	-2.738	-1.759	-0.483	0.730	1.572	1.877	1.645	1.007
1651	16.50	0.155	-0.720	-1.468	-1.980	-2.193	-2.083	-1.676	-1.055	-0.360	0.239
1661	16.60	0.589	0.605	0.504	-0.194	-0.705	-1.034	-1.037	-0.641	0.047	0.957
1671	16.70	1.893	2.673	3.150	3.240	2.941	2.332	1.564	0.821	0.278	0.048
1681	16.80	0.153	0.509	0.956	1.293	1.359	1.063	0.411	-0.489	-1.465	-2.316
1691	16.90	-2.854	-2.941	-2.514	-1.600	-0.316	1.142	2.535	3.625	4.232	4.270
1701	17.00	3.771	2.864	1.758	0.566	-0.435	-1.253	-1.772	-2.062	-2.134	-2.030
1711	17.10	-1.804	-1.519	-1.245	-1.040	-0.920	-0.845	-0.715	-0.412	0.155	0.991
1721	17.20	1.994	2.970	3.693	3.986	3.790	3.183	2.356	1.545	0.949	0.868
1731	17.30	0.682	0.180	0.106	0.218	0.226	0.607	0.997	1.332	0.958	-0.486
1741	17.40	-1.803	-1.829	-1.537	-0.968	-0.235	0.508	1.109	1.472	1.590	1.555
1751	17.50	1.421	1.335	1.287	1.203	0.964	0.478	-0.244	-1.068	-1.773	-2.144
1761	17.60	-2.075	-1.635	-1.052	-0.620	-0.557	-0.894	-1.438	-1.942	-1.756	-0.998
1771	17.70	0.349	1.938	3.293	3.997	3.864	3.021	1.849	0.818	0.291	0.374
1781	17.80	0.892	1.485	1.786	1.588	0.939	0.107	-0.550	-0.757	-0.441	0.234
1791	17.90	0.949	1.372	1.299	0.733	-0.135	-1.024	-1.681	-1.976	-1.928	-1.663
1801	18.00	-1.333	-1.040	-0.810	-0.609	-0.394	-0.166	0.014	0.061	-0.085	-0.466
1811	18.10	-0.784	-1.047	-1.033	-0.676	-0.051	0.642	1.148	1.258	0.904	0.192
1821	18.20	-0.630	-1.261	-1.472	-1.192	-0.561	0.218	0.788	0.956	0.686	0.127
1831	18.30	-0.446	-0.753	-0.635	-0.118	0.584	1.166	1.361	1.054	0.335	-0.540
1841	18.40	-1.260	-1.598	-1.505	-1.125	-0.716	-0.525	-0.663	-1.047	-1.442	-1.577
1851	18.50	-1.285	-0.599	0.250	0.919	1.112	0.709	-0.176	-1.230	-2.088	-2.469
1861	18.60	-2.265	-1.951	-0.944	-0.370	-0.096	-0.240	-0.660	-0.663	-0.773	-0.690
1871	18.70	-0.458	-0.172	0.092	0.312	0.558	0.795	1.087	1.343	1.491	1.326
1881	18.80	0.953	0.427	-0.083	-0.420	-0.515	-0.431	-0.332	-0.400	-0.726	-1.241
1891	18.90	-1.729	-1.916	-1.599	-0.758	0.410	1.559	2.324	2.470	1.984	1.089
1901	19.00	0.655	-0.736	-1.119	-1.073	-0.732	-0.284	0.116	0.398	0.566	0.660
1911	19.10	0.671	0.550	0.221	-0.312	-1.059	-1.731	-2.090	-1.911	-1.122	0.137
1921	19.20	1.535	2.158	2.188	2.084	1.976	1.428	0.440	-0.522	-1.843	-1.637
1931	19.30	-1.096	-0.474	0.029	0.335	0.492	0.624	0.651	1.223	1.691	2.139
1941	19.40	2.431	2.482	2.288	1.929	1.532	1.217	1.045	1.005	1.018	0.960
1951	19.50	0.803	0.460	-0.008	-0.498	-0.889	-1.082	-1.041	-0.809	-0.495	-0.238
1961	19.60	-0.159	-0.315	-0.679	-1.145	-1.569	-1.820	-1.825	-1.569	-1.191	-0.739
1971	19.70	-0.330	-0.016	0.211	0.376	0.499	0.556	0.480	0.189	-0.382	-1.132
1981	19.80	-1.988	-2.730	-3.165	-3.182	-2.796	-2.142	-1.418	-0.793	-0.344	-0.031
1991	19.90	0.281	0.634	1.101	1.550	1.786	1.625	1.007	0.055	-0.939	-1.617

Table 7-35-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1980 1317-GR-1-9 U-D (U-D) HIROO BRIDGE MAX. ACC. = 22.493 (GAL) T= 4.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-1.710	-1.150	-0.125	0.997	1.809	2.032	1.627	0.799	-0.102	-0.741
2011	20.10	-0.936	-0.737	-0.362	-0.098	-0.148	-0.533	-1.094	-1.567	-1.715	-1.433
2021	20.20	-0.795	-0.911	0.666	1.044	1.058	0.769	0.309	-0.193	-0.666	-1.100
2031	20.30	-1.515	-1.911	-2.237	-2.394	-2.288	-1.877	-1.217	-0.447	0.258	0.761
2041	20.40	1.022	1.104	1.142	1.261	1.509	1.820	2.038	1.986	1.556	0.781
2051	20.50	-0.162	-0.998	-1.455	-1.364	-0.735	0.245	1.271	2.025	2.390	2.022
2061	20.60	1.362	0.581	-0.014	-0.188	0.145	0.959	1.859	2.740	3.294	3.374
2071	20.70	2.970	2.193	1.233	0.290	-0.478	-0.996	-1.268	-1.361	-1.359	-1.334
2081	20.80	-1.316	-1.293	-1.223	-1.066	-0.800	-0.459	-0.114	0.144	0.237	0.136
2091	20.90	-0.115	-0.405	-0.591	-0.546	-0.212	0.363	1.035	1.603	1.878	1.749
2101	21.00	1.221	0.423	-0.446	-1.175	-1.614	-1.709	-1.501	-1.089	-0.585	-0.070
2111	21.10	0.415	0.857	1.240	1.519	1.623	1.478	1.054	0.395	-0.371	-1.059
2121	21.20	-1.488	-1.545	-1.530	-0.659	-0.029	0.453	0.638	0.481	0.046	-0.524
2131	21.30	-1.067	-1.456	-1.629	-1.597	-1.411	-1.132	-0.798	-0.411	0.043	0.575
2141	21.40	1.160	1.730	2.184	2.423	2.388	2.092	1.631	1.155	0.828	0.768
2151	21.50	1.002	1.452	1.953	2.304	2.336	1.966	1.230	0.274	-0.688	-1.437
2161	21.60	-1.812	-1.750	-1.295	-0.581	0.211	0.903	1.359	1.509	1.353	0.947
2171	21.70	0.392	-0.200	-0.721	-1.093	-1.274	-1.269	-1.121	-0.893	-0.647	-0.427
2181	21.80	-0.242	-0.077	0.093	0.284	0.486	0.664	0.778	0.803	0.753	0.678
2191	21.90	0.644	0.694	0.820	0.943	0.943	0.702	0.164	-0.622	-1.507	-2.285
2201	22.00	-2.769	-2.863	-2.609	-2.160	-1.726	-1.475	-1.461	-1.602	-1.716	-1.610
2211	22.10	-1.170	-0.426	0.451	1.216	1.655	1.674	1.347	0.877	0.512	0.430
2221	22.20	0.652	1.034	1.319	1.259	0.726	-0.207	-1.260	-2.127	-2.616	-1.978
2231	22.30	-0.876	0.604	2.048	3.054	3.364	2.939	1.965	0.770	-0.293	-0.960
2241	22.40	-1.128	-0.860	-0.362	0.206	0.602	0.752	0.655	0.372	-0.014	-0.434
2251	22.50	-0.868	-1.235	-1.574	-1.833	-1.948	-1.938	-1.729	-1.370	-0.936	-0.530
2261	22.60	-0.250	-0.160	-0.265	-0.513	-0.799	-1.002	-1.009	-0.752	-0.230	0.478
2271	22.70	1.221	1.803	2.036	1.786	1.049	-0.045	-1.240	-2.226	-2.733	-2.629
2281	22.80	-1.969	-0.985	-0.003	0.670	0.863	0.591	0.041	-0.515	-0.838	-0.809
2291	22.90	-0.463	0.043	0.518	0.819	0.903	0.812	0.631	0.425	0.202	-0.069
2301	23.00	-0.417	-0.818	-1.180	-1.369	-1.282	-0.908	-0.364	0.143	0.396	0.266
2311	23.10	-0.228	-0.917	-1.556	-1.920	-1.896	-1.514	-0.912	-0.265	0.295	0.716
2321	23.20	1.016	1.232	1.370	1.386	1.211	0.806	0.204	-0.477	-1.073	-1.445
2331	23.30	-1.536	-1.399	-1.161	-0.955	-0.852	-0.831	-0.803	-0.672	-0.406	-0.063
2341	23.40	0.227	0.333	0.197	-0.125	-0.478	-0.673	-0.575	-0.164	0.455	1.095
2351	23.50	1.565	1.738	1.592	1.207	0.724	0.295	0.042	0.034	0.271	0.684
2361	23.60	1.144	1.484	1.541	1.215	0.524	-0.370	-1.195	-1.654	-1.550	-0.875
2371	23.70	0.156	1.178	1.817	1.844	1.279	0.381	-0.459	-0.892	-0.758	-0.143
2381	23.80	0.677	1.376	1.735	1.723	1.490	1.263	1.210	1.354	1.565	1.639
2391	23.90	1.424	0.902	0.212	-0.422	-0.793	-0.810	-0.525	-0.088	0.333	0.641
2401	24.00	0.838	0.996	1.206	1.491	1.808	2.065	2.179	2.123	1.942	1.714
2411	24.10	1.506	1.333	1.154	0.916	0.598	0.243	-0.056	-0.208	-0.183	-0.042
2421	24.20	0.086	0.069	-0.150	-0.512	-0.865	-1.031	-0.909	-0.529	-0.047	0.322
2431	24.30	0.413	0.188	-0.244	-0.687	-0.958	-0.970	-0.805	-0.597	-0.521	-0.654
2441	24.40	-0.934	-1.185	-1.204	-0.868	-0.206	0.596	1.265	1.547	1.313	0.609
2451	24.50	-0.362	-1.323	-2.019	-2.305	-2.181	-1.772	-1.271	-0.859	-0.650	-0.656
2461	24.60	-0.801	-0.958	-1.000	-0.849	-0.501	-0.032	0.432	0.756	0.842	0.663
2471	24.70	0.276	-0.199	-0.614	-0.846	-0.830	-0.581	-0.188	0.223	0.523	0.629
2481	24.80	0.519	0.244	-0.096	-0.384	-0.522	-0.466	-0.241	0.062	0.323	0.426
2491	24.90	0.311	-0.006	-0.430	-0.819	-1.037	-1.001	-0.714	-0.262	0.216	0.575

Table 7-35-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1980 1317-GR-1-9 U-D (U-D) HIROO BRIDGE MAX. ACC. = 22.493 (GAL) T= 4.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.716	0.603	0.268	-0.214	-0.746	-1.230	-1.577	-1.707	-1.557	-1.105
2511	25.10	-0.388	0.480	1.322	1.939	2.174	1.973	1.408	0.656	-0.069	-0.597
2521	25.20	-0.862	-0.913	-0.868	-0.862	-0.885	-0.955	-0.959	-0.818	-0.530	-0.195
2531	25.30	0.027	-0.008	-0.340	-0.872	-1.393	-1.669	-1.551	-1.046	-0.323	0.353
2541	25.40	0.738	0.705	0.296	-0.312	-0.889	-1.249	-1.314	-1.122	-0.781	-0.390
2551	25.50	0.004	0.422	0.910	1.484	2.080	2.561	2.765	2.577	1.998	1.165
2561	25.60	0.316	-0.295	-0.491	-0.238	0.343	1.025	1.563	1.774	1.523	1.181
2571	25.70	0.432	-0.240	-0.783	-1.150	-1.222	-1.234	-0.936	-0.686	-0.189	0.423
2581	25.80	1.069	1.614	1.909	1.844	1.402	0.687	-0.098	-0.722	-1.010	-0.915
2591	25.90	-0.529	-0.049	0.317	0.437	0.313	0.067	-0.116	-0.097	0.165	0.576
2601	26.00	0.958	1.131	1.001	0.602	0.078	-0.379	-0.618	-0.581	-0.318	0.054
2611	26.10	0.412	0.678	0.838	0.924	0.973	0.998	0.983	0.897	0.731	0.503
2621	26.20	0.259	0.035	-0.167	-0.385	-0.674	-1.057	-1.480	-1.815	-1.897	-1.603
2631	26.30	-0.729	-0.822	-0.854	-1.411	-1.450	-0.943	-0.053	-0.930	-1.695	-2.027
2641	26.40	-1.869	-1.332	-0.529	0.010	0.414	0.506	0.305	-0.113	-0.648	-1.208
2651	26.50	-1.714	-2.103	-2.329	-2.369	-2.226	-1.934	-1.542	-1.096	-0.623	-0.132
2661	26.60	0.372	0.859	1.261	1.483	1.438	1.098	0.525	-0.135	-0.698	-1.014
2671	26.70	-1.026	-0.788	-0.430	-0.092	0.146	0.288	0.404	0.563	0.780	0.988
2681	26.80	1.075	0.951	0.618	0.190	-0.150	-0.241	-0.034	0.371	0.759	0.910
2691	26.90	0.707	0.201	-0.407	-0.868	-1.010	-0.823	-0.444	-0.168	-0.121	-0.351
2701	27.00	-0.713	-0.965	-0.895	-0.449	0.230	0.853	1.122	0.866	0.124	-0.870
2711	27.10	-1.769	-2.366	-2.399	-1.983	-1.264	-0.450	0.287	0.853	1.220	1.393
2721	27.20	1.373	1.164	0.791	0.329	-0.097	-0.350	-0.340	-0.068	0.362	0.788
2731	27.30	1.065	1.128	1.015	0.832	0.679	0.590	0.512	0.350	0.038	-0.393
2741	27.40	-0.802	-0.999	-0.845	-0.341	0.346	0.935	1.174	0.945	0.338	-0.382
2751	27.50	-0.896	-0.977	-0.591	0.094	0.796	1.254	1.352	1.156	0.861	0.678
2761	27.60	0.717	0.933	1.160	1.208	0.974	0.491	-0.042	-0.447	-0.519	-0.214
2771	27.70	0.255	0.179	0.133	0.215	0.041	0.718	0.375	0.105	-0.070	-0.180
2781	27.80	-0.248	-0.341	-0.367	-0.293	-0.092	0.208	0.515	0.713	0.713	0.503
2791	27.90	0.155	-0.208	-0.470	-0.580	-0.571	-0.541	-0.592	-0.771	-1.034	-1.262
2801	28.00	-1.321	-1.121	-0.674	-0.089	0.473	0.874	1.053	1.056	0.986	0.959
2811	28.10	1.017	1.108	1.108	0.869	0.399	-0.248	-0.984	-1.456	-1.518	-1.133
2821	28.20	-0.119	0.383	0.004	1.270	1.154	0.794	0.402	0.180	0.219	0.488
2831	28.30	0.879	0.949	0.895	0.629	0.282	0.029	-0.006	0.186	0.579	0.880
2841	28.40	0.609	0.194	-0.490	-1.245	-1.826	-2.041	-1.824	-1.258	-0.534	0.122
2851	28.50	0.535	0.631	0.446	0.093	-0.292	-0.507	-0.766	-0.794	-0.711	-0.562
2861	28.60	-0.390	-0.232	-0.122	-0.091	-0.163	-0.336	-0.586	-0.862	-1.023	-1.056
2871	28.70	-0.907	-0.601	-0.220	0.128	0.349	0.405	0.330	0.222	0.193	0.318
2881	28.80	0.591	0.913	1.122	1.064	0.858	0.352	-0.897	-1.660	-2.055	-2.019
2891	28.90	-1.556	-0.830	-0.082	0.466	0.687	0.594	0.312	0.020	-0.132	-0.081
2901	29.00	0.137	0.418	0.645	0.746	0.712	0.593	0.460	0.364	0.312	0.273
2911	29.10	0.199	0.056	-0.140	-0.416	-0.660	-0.839	-0.911	-0.852	-0.662	-0.357
2921	29.20	0.023	0.418	0.754	0.966	1.020	0.940	0.808	0.733	0.810	1.061
2931	29.30	1.417	1.733	1.850	1.474	1.230	0.668	0.206	0.035	0.225	0.484
2941	29.40	1.183	1.456	1.311	0.722	-0.158	-1.056	-1.892	-1.887	-1.633	-1.083
2951	29.50	-0.482	-0.067	0.613	0.266	-0.821	-1.512	-2.200	-2.784	-3.206	-3.446
2961	29.60	-3.199	-3.369	-3.078	-2.436	-2.160	-1.683	-1.164	-0.673	-0.214	-0.214
2971	29.70	0.689	1.059	1.259	1.198	0.837	0.228	-0.686	-1.113	-1.473	-1.686
2981	29.80	-1.117	-0.538	0.092	0.618	0.949	1.079	1.062	0.969	0.839	0.665
2991	29.90	0.443	0.062	-0.362	-0.763	-0.999	-0.938	-0.512	0.238	1.157	2.017

Tablo 7-35-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1980 1317-GR-1-9 U-D (U-D) HIROO BRIDGE MAX. ACC. = 22.493 (GAL) T= 4.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	2.508	2.712	2.351	1.602	0.656	-0.261	-0.967	-1.369	-1.478	-1.382
3011	30.10	-1.195	-1.003	-0.828	-0.640	-0.382	-0.025	0.401	0.799	1.044	1.034
3021	30.20	0.747	0.261	-0.268	-0.661	-0.789	-0.625	-0.248	0.193	0.544	0.713
3031	30.30	0.688	0.330	0.318	0.101	-0.130	-0.424	-0.819	-1.298	-1.759	-2.047
3041	30.40	-2.017	-1.605	-0.894	-0.069	0.615	0.953	0.865	0.435	-0.131	-0.591
3051	30.50	-0.764	-0.601	-0.139	0.301	0.700	0.910	0.944	0.901	0.907	1.048
3061	30.60	1.334	1.693	2.015	2.198	2.193	2.013	1.721	1.391	1.084	0.830
3071	30.70	0.638	0.507	0.446	0.466	0.576	0.759	0.973	1.150	1.224	1.153
3081	30.80	0.941	0.635	0.310	0.037	-0.134	-0.174	-0.160	-0.066	0.059	0.195
3091	30.90	0.331	0.451	0.523	0.506	0.362	0.081	-0.297	-0.683	-0.984	-1.036
3101	31.00	-0.656	-0.462	0.027	0.449	0.658	0.580	0.249	-0.202	-0.587	-0.731
3111	31.10	-0.539	-0.031	0.670	1.374	1.899	2.127	2.040	1.708	1.260	0.822
3121	31.20	0.477	0.247	0.096	-0.031	-0.182	-0.368	-0.565	-0.728	-0.821	-0.831
3131	31.30	-0.783	-0.723	-0.698	-0.737	-0.810	-0.974	-1.097	-1.168	-1.166	-1.098
3141	31.40	-0.988	-0.870	-0.775	-0.710	-0.675	-0.651	-0.613	-0.537	-0.409	-0.231
3151	31.50	-0.016	0.210	0.417	0.578	0.673	0.694	0.646	0.539	0.385	0.192
3161	31.60	-0.032	-0.264	-0.550	-0.807	-1.021	-1.153	-1.172	-1.067	-0.850	-0.559
3171	31.70	-0.244	0.044	0.272	0.422	0.496	0.501	0.445	0.329	0.151	-0.086
3181	31.80	-0.368	-0.662	-0.928	-1.124	-1.217	-1.194	-1.058	-0.824	-0.513	-0.143
3191	31.90	0.266	0.685	1.075	1.389	1.581	1.620	1.510	1.285	1.004	0.725
3201	32.00	0.487	0.295	0.123	-0.065	-0.291	-0.544	-0.781	-0.942	-0.982	-0.887
3211	32.10	-0.689	-0.447	-0.218	-0.033	0.120	0.286	0.512	0.819	1.179	1.522
3221	32.20	1.756	1.811	1.656	1.316	0.854	0.349	-0.138	-0.565	-0.910	-1.156
3231	32.30	-1.280	-1.254	-1.067	-0.746	-0.363	-0.020	0.179	0.182	0.013	-0.228
3241	32.40	-0.399	-0.376	-0.106	0.366	0.915	1.382	1.638	1.630	1.392	1.015
3251	32.50	0.602	0.226	-0.093	-0.372	-0.634	-0.876	-1.062	-1.134	-1.045	-0.798
3261	32.60	-0.446	-0.080	0.210	0.378	0.436	0.446	0.482	0.589	0.753	0.909
3271	32.70	0.971	0.873	0.605	0.215	-0.211	-0.592	-0.884	-1.094	-1.266	-1.441
3281	32.80	-1.637	-1.822	-1.934	-1.916	-1.747	-1.465	-1.156	-0.920	-0.823	-0.867
3291	32.90	-0.982	-1.060	-0.993	-0.728	-0.267	0.231	0.692	0.972	0.998	0.771
3301	33.00	0.359	-0.132	-0.594	-0.945	-1.147	-1.199	-1.130	-0.980	-0.789	-0.598
3311	33.10	-0.437	-0.334	-0.299	-0.326	-0.389	-0.442	-0.437	-0.345	-0.162	0.076
3321	33.20	0.315	0.493	0.572	0.567	0.447	0.318	0.198	0.103	0.014	-0.105
3331	33.30	-0.286	-0.538	-0.833	-1.116	-1.322	-1.403	-1.338	-1.146	-0.865	-0.540
3341	33.40	-0.215	0.079	0.310	0.442	0.436	0.262	-0.081	-0.546	-1.040	-1.444
3351	33.50	-1.444	-1.584	-1.280	-0.830	-0.372	-0.042	0.078	-0.009	-0.226	-0.448
3361	33.60	-0.558	-0.486	-0.227	0.157	0.575	0.936	1.180	1.295	1.305	1.256
3371	33.70	1.190	1.131	1.071	0.979	0.815	0.543	0.159	-0.298	-0.747	-1.077
3381	33.80	-1.184	-1.005	-0.554	0.065	0.687	1.128	1.255	1.034	0.552	-0.008
3391	33.90	-0.433	-0.554	-0.310	0.237	0.928	1.577	2.035	2.244	2.240	2.116
3401	34.00	1.967	1.843	1.727	1.563	1.290	0.897	0.441	0.030	-0.211	-0.196
3411	34.10	0.089	0.582	1.167	1.724	2.158	2.432	2.550	2.547	2.454	2.295
3421	34.20	2.084	1.836	1.583	1.365	1.225	1.177	1.203	1.248	1.248	1.156
3431	34.30	0.968	0.732	0.525	0.417	0.443	0.582	0.773	0.946	1.062	1.134
3441	34.40	1.217	1.381	1.657	2.007	2.326	2.470	2.316	1.818	1.038	0.125

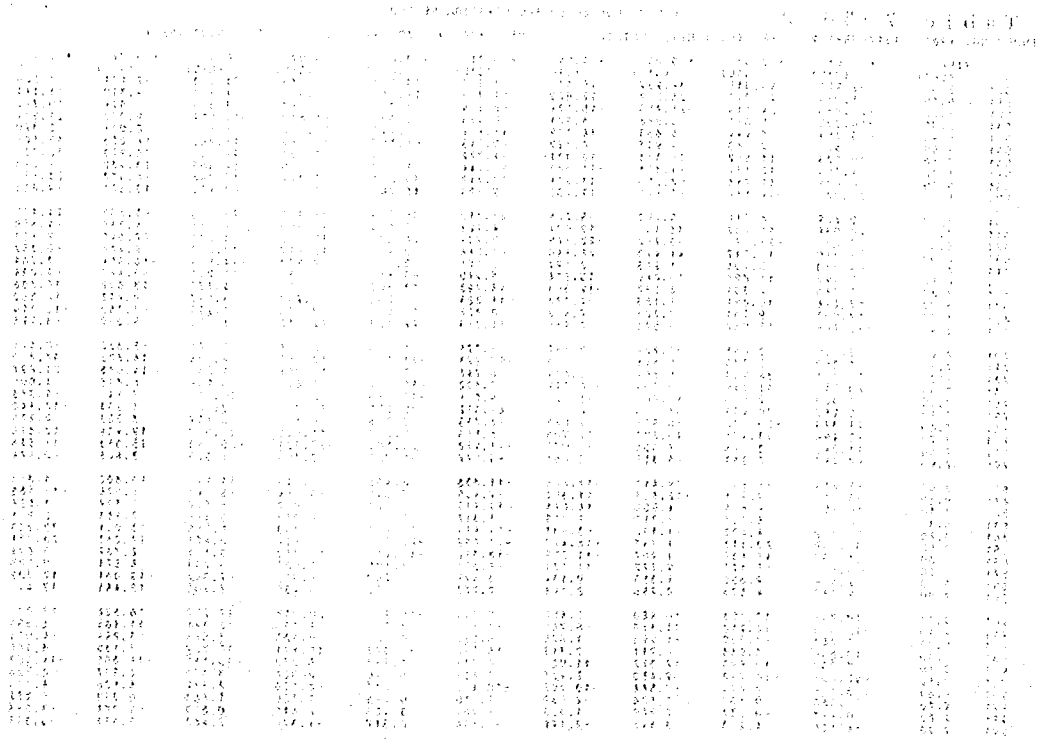


Table 7-36-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1981 1317-GR-1-9 HB. (HB.) HIROO BRIDGE MAX. ACC. = 79.749 (GAL) T= 4.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-2.414	-2.273	-0.537	2.121	4.535	5.605	4.825	2.497	-0.445	-2.902
11	0.10	-4.097	-5.854	-2.539	-0.749	1.055	2.738	4.422	6.221	7.968	9.130
21	0.20	9.005	7.098	3.489	-1.043	-5.225	-7.771	-7.918	-5.761	-2.233	1.281
31	0.30	3.512	3.816	2.377	0.056	-2.064	-3.199	-3.216	-2.659	-2.428	-3.258
41	0.40	-5.253	-7.694	-9.266	-8.610	-5.045	0.955	7.703	12.818	14.141	10.698
51	0.50	3.276	-5.699	-12.998	-15.851	-13.092	-5.688	3.633	11.506	15.332	14.303
61	0.60	9.613	3.758	-0.705	-2.319	-1.240	1.103	2.967	3.314	2.315	1.077
71	0.70	0.784	1.798	3.291	3.687	1.687	-2.709	-7.866	-11.041	-9.954	-4.005
81	0.80	4.968	13.286	17.053	14.088	5.156	-6.174	-15.051	-17.578	-12.644	-2.461
91	0.90	8.464	15.427	15.662	9.481	-0.072	-8.820	-13.429	-12.806	-8.272	-2.572
101	1.00	1.847	3.069	2.047	0.006	-1.614	-2.219	-2.235	-2.577	-3.826	-5.662
111	1.10	-6.944	-6.380	-3.373	1.493	6.633	10.238	11.189	9.593	6.640	3.882
121	1.20	2.378	2.211	2.636	2.736	2.136	1.307	1.235	2.667	5.405	8.165
131	1.30	9.145	7.068	2.089	-3.987	-8.405	-8.765	-4.295	3.612	11.919	17.292
141	1.40	17.626	12.972	5.432	-1.900	-6.380	-6.919	-4.230	-0.209	3.142	4.623
151	1.50	4.151	0.709	0.188	-2.123	-4.560	-7.176	-9.556	-10.679	-9.334	-4.911
161	1.60	1.902	9.039	13.761	13.910	9.075	1.018	-6.958	-11.459	-10.600	-6.922
171	1.70	2.845	9.094	11.077	8.212	2.284	-3.522	-6.269	-4.728	0.064	5.426
181	1.80	8.465	7.564	3.176	-2.475	-6.584	-7.201	-4.191	0.766	5.087	6.598
191	1.90	4.611	0.193	-4.436	-7.037	-6.456	-3.121	1.236	4.475	5.098	2.939
201	2.00	-0.807	-4.186	-5.414	-3.689	0.469	5.458	9.292	10.421	8.327	3.668
211	2.10	-2.054	-7.130	-10.296	-11.134	-10.083	-8.076	-6.029	-4.409	-3.112	-1.685
221	2.20	0.244	2.569	4.609	5.390	4.203	1.124	-2.804	-5.923	-6.726	-4.683
231	2.30	-0.670	3.296	4.975	3.075	-1.939	-7.870	-11.738	-11.269	-6.183	1.420
241	2.40	7.865	9.608	5.036	-4.540	-15.274	-22.451	-22.662	-15.460	-3.645	7.984
251	2.50	14.823	14.552	8.084	-1.043	-8.508	-11.323	-9.165	-6.286	-0.130	0.571
261	2.60	-2.790	-8.507	-13.608	-15.542	-13.540	-8.936	-4.306	-1.940	-2.525	-4.771
271	2.70	-6.194	-4.603	0.517	7.522	13.289	14.744	10.428	1.329	-9.471	-18.129
281	2.80	-21.695	-19.307	-12.389	-3.852	3.265	7.028	7.199	5.013	2.357	0.838
291	2.90	1.135	2.886	5.026	6.347	6.004	3.790	0.140	-4.063	-7.798	-10.236
301	3.00	-11.008	-10.344	-9.010	-7.999	-8.063	-9.241	-10.644	-10.669	-7.630	-0.599
311	3.10	9.940	21.902	32.557	38.788	38.996	33.374	23.923	13.679	5.608	1.660
321	3.20	2.220	6.480	12.824	19.587	25.465	29.641	31.690	31.467	29.073	24.888
331	3.30	19.537	13.712	7.900	2.194	-3.608	-9.637	-15.496	-20.102	-22.080	-20.620
341	3.40	-16.370	-11.707	-9.974	-13.611	-25.332	-35.204	-43.443	-47.882	-47.368	-38.085
351	3.50	26.369	47.554	52.490	37.745	7.295	-28.896	-59.039	-74.488	-73.097	-59.346
361	3.60	-41.393	-26.332	-16.818	-10.276	-1.399	13.713	34.222	54.090	66.935	60.709
371	3.70	41.568	14.608	-9.194	-20.357	-15.750	-0.216	16.063	23.028	16.455	0.199
381	3.80	-15.778	-20.950	-10.213	12.992	38.207	53.408	51.402	33.660	9.409	-9.546
391	3.90	-15.412	-8.695	2.286	6.476	-3.057	-24.382	-46.941	-56.878	-44.718	-11.225
401	4.00	31.916	67.209	79.769	64.585	29.159	-10.474	-37.666	-43.233	-29.366	-7.493
411	4.10	8.550	10.196	-1.520	-17.233	-25.238	-18.700	0.030	20.469	29.832	20.398
421	4.20	-5.755	-37.337	-59.525	-61.706	-43.080	-13.099	13.474	24.226	15.344	-6.810
431	4.30	-29.519	-40.724	-35.361	-17.648	1.764	12.029	8.213	-6.081	-20.896	-25.575
441	4.40	-14.680	9.067	36.320	56.118	61.501	52.665	36.067	20.235	10.832	7.819
451	4.50	6.287	0.282	-12.711	-29.385	-41.818	-41.688	-25.168	4.267	36.763	60.366
461	4.60	66.444	53.478	27.362	-1.776	-24.395	-35.469	-35.629	-29.317	-21.377	-14.225
471	4.70	-7.204	1.735	13.356	25.364	32.865	30.958	17.958	-2.757	-23.596	-36.105
481	4.80	-35.160	-21.703	-2.475	13.276	18.429	11.556	-2.482	-15.249	-19.305	-12.216
491	4.90	2.144	15.681	20.454	13.007	-3.628	-21.309	-30.835	-26.589	-9.411	13.725

Table 7-36-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1981 1317-GR-1-9 HB. (HB.) HIROO BRIDGE MAX. ACC. = 79.749 (GAL) T= 4.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	32.998	40.315	32.939	14.468	-7.108	-23.171	-28.163	-21.518	-7.171	8.805
511	5.10	21.063	26.947	26.802	22.822	17.369	11.617	5.565	-1.397	-9.329	-17.141
521	5.20	-22.860	-24.615	-21.755	-15.424	-8.204	-2.976	-1.563	-3.854	-7.874	-10.776
531	5.30	-10.282	-5.871	0.866	6.901	9.163	8.021	-1.830	-11.509	-19.097	-21.279
541	5.40	-16.191	-6.999	4.553	14.109	18.929	16.990	11.628	5.629	2.081	2.370
551	5.50	5.578	9.063	9.933	6.629	-0.213	-8.107	-14.069	-16.245	-14.886	-12.106
561	5.60	-10.523	-11.552	-14.386	-16.321	-14.372	-7.284	3.237	12.929	16.993	12.730
571	5.70	1.354	-12.164	-21.326	-21.383	-11.944	2.584	15.100	19.485	13.932	2.098
581	5.80	-8.674	-11.246	-2.658	13.964	30.712	38.841	33.347	15.766	-6.477	-23.531
591	5.90	-28.222	-19.512	-2.875	12.732	19.623	15.303	3.460	-8.451	-13.621	-9.823
601	6.00	-0.629	6.748	5.798	-5.225	-21.849	-35.439	-37.708	-25.260	-1.662	24.105
611	6.10	42.034	45.982	36.460	19.907	4.923	-2.404	-1.500	2.961	4.336	-1.618
621	6.20	-13.834	-26.178	-30.782	-22.645	-2.939	20.898	38.450	41.373	27.595	2.482
631	6.30	-23.619	-40.217	-41.448	-28.440	-8.244	9.943	19.219	17.848	9.286	-0.352
641	6.40	-5.830	-5.404	-1.215	2.497	2.194	-2.800	-9.932	-14.964	-14.454	-7.764
651	6.50	2.497	11.806	16.069	13.574	5.910	-3.160	-9.617	-11.214	-8.443	-4.034
661	6.60	-1.356	-2.361	-6.862	-12.303	-15.283	-13.300	-6.088	4.133	13.602	18.686
671	6.70	17.494	10.693	1.183	-7.176	-11.223	-9.762	-3.907	3.597	9.732	12.580
681	6.80	12.063	9.731	7.723	7.472	8.827	10.100	9.036	4.234	-3.759	-12.314
691	6.90	-17.746	-17.062	-9.576	2.465	14.663	22.352	22.712	16.055	5.629	-3.996
701	7.00	-9.130	-8.648	-4.289	0.542	2.771	1.346	-2.326	-5.628	-5.622	-2.671
711	7.10	1.240	2.725	-0.661	-8.488	-17.273	-21.755	-17.685	-4.324	14.622	32.290
721	7.20	41.678	38.953	25.381	6.866	-8.746	-15.254	-10.901	1.041	14.068	21.697
731	7.30	20.513	11.514	-0.604	-10.279	-13.602	-10.162	-2.843	3.949	6.616	4.008
741	7.40	-2.368	-9.506	-14.444	-16.574	-15.873	-11.063	-12.115	-10.546	-6.140	-4.386
751	7.50	8.283	20.433	32.226	40.138	41.412	35.225	23.040	8.025	-6.133	-16.440
761	7.60	-21.373	-20.990	-16.534	-9.828	-2.755	3.045	6.337	6.417	3.286	-2.225
771	7.70	-8.498	-13.481	-15.296	-12.906	-6.556	2.222	11.075	17.579	19.984	17.676
781	7.80	11.245	2.195	-7.536	-16.070	-21.972	-24.505	-23.721	-20.413	-15.883	-11.546
791	7.90	-8.447	-6.883	-6.312	-5.666	-3.977	-1.025	2.350	4.508	3.806	-0.424
801	8.00	-7.244	-14.234	-18.417	-17.625	-11.638	-2.485	6.315	11.293	10.602	4.866
811	8.10	-3.149	-9.904	-12.603	-11.396	-7.455	-3.890	-3.084	-5.543	-9.574	-12.188
821	8.20	-10.750	-4.495	4.905	14.044	19.425	19.171	13.947	6.577	0.597	-1.526
831	8.30	0.434	4.506	7.710	7.758	4.317	-0.834	-4.852	-5.494	-2.483	2.211
841	8.40	5.382	4.402	-1.132	-8.837	-14.474	-14.001	-5.768	8.265	23.001	32.253
851	8.50	31.509	20.117	1.853	-16.479	-27.839	-27.912	-16.927	0.477	17.263	26.971
861	8.60	26.337	16.434	1.907	-11.255	-18.362	-17.760	-11.340	-3.111	2.769	3.894
871	8.70	0.472	-5.128	-9.772	-11.136	-8.674	-3.605	1.985	6.283	8.571	9.285
881	8.80	9.414	9.858	9.853	9.139	6.527	1.749	-4.992	-9.892	-14.051	-17.782
891	8.90	-9.417	-4.573	-0.256	2.191	2.773	2.777	3.935	7.301	12.441	17.461
901	9.00	19.754	17.496	10.480	0.450	-9.643	-16.967	-20.048	-19.289	-16.522	-13.865
911	9.10	-12.526	-12.216	-11.479	-8.745	-3.687	3.317	9.358	12.341	11.165	6.655
921	9.20	1.243	-2.229	-1.996	1.674	6.570	9.686	8.825	3.625	-3.244	-9.056
931	9.30	-10.459	-6.966	0.711	9.313	15.532	17.397	15.111	10.769	7.135	3.114
941	9.40	7.939	10.893	12.572	11.080	6.052	-1.143	-8.232	-13.110	-14.858	-14.008
951	9.50	-12.005	-10.292	-9.450	-8.987	-7.803	-5.040	-0.808	3.671	6.597	6.526
961	9.60	3.198	-2.214	-7.564	-10.702	-10.443	-7.066	-2.116	2.372	4.806	4.684
971	9.70	2.668	0.107	-1.686	-2.037	-1.118	0.295	1.320	1.443	0.732	-0.277
981	9.80	-0.913	-0.737	0.249	1.625	2.763	3.108	2.410	0.810	-1.221	-3.063
991	9.90	-4.166	-4.258	-3.448	-2.199	-1.146	-0.817	-1.370	-2.467	-3.384	-3.363

Table 7-36-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1981 1317-GR-1-9 HB. (HB.) HIROO BRIDGE MAX. ACC. = 79.749 (GAL) T= 4.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-1.931	0.823	3.478	5.561	6.161	5.292	3.982	3.538	5.084	8.634
1011	10.10	12.956	16.004	15.893	11.952	5.272	-1.596	-5.726	-5.203	-0.104	7.443
1021	10.20	14.209	17.364	15.789	10.522	4.117	-0.740	-2.598	-1.870	-0.386	-0.145
1031	10.30	-1.996	-5.025	-7.031	-5.857	-0.819	6.610	13.319	16.089	13.325	6.056
1041	10.40	-2.411	-8.079	-8.272	-3.054	4.754	10.975	12.206	7.559	-0.883	-9.148
1051	10.50	-13.410	-11.924	-5.856	1.413	6.069	5.835	1.041	-5.687	-10.913	-12.220
1061	10.60	-9.403	-4.443	-0.331	0.557	-2.337	-7.582	-12.628	-15.190	-14.352	-10.861
1071	10.70	-6.523	-3.132	-1.569	-1.557	-2.110	-2.330	-2.036	-1.819	-2.571	-4.758
1081	10.80	-7.981	-11.080	-12.622	-11.828	-8.841	-4.578	-0.471	2.493	3.986	4.289
1091	10.90	3.872	2.993	1.599	0.360	-2.591	-4.060	-5.192	-0.020	6.913	12.762
1101	11.00	17.408	17.388	11.748	1.886	-8.808	-16.355	-17.999	-13.508	-5.278	2.859
1111	11.10	7.539	7.476	3.957	-0.057	-1.693	0.156	4.208	7.553	7.407	2.854
1121	11.20	-4.410	-10.804	-12.715	-8.488	0.527	10.489	16.893	16.782	10.189	0.057
1131	11.30	-9.288	-14.293	-13.810	-9.400	-4.191	-1.019	-0.883	-2.577	-3.634	-2.001
1141	11.40	2.562	8.182	11.861	11.201	5.872	-2.024	-8.925	-11.650	-9.047	-2.633
1151	11.50	4.206	7.987	6.937	1.876	-4.279	-8.117	-7.542	-2.859	3.458	8.124
1161	11.60	8.806	5.326	-0.301	-4.980	-6.179	-3.231	2.373	7.794	10.288	8.522
1171	11.70	3.109	-3.840	-9.830	-13.131	-13.393	-11.490	-6.786	-6.367	-4.297	-2.335
1181	11.80	0.120	3.155	6.170	8.161	8.205	6.235	3.022	-0.017	-1.503	-0.755
1191	11.90	1.880	5.185	7.642	8.109	6.292	2.830	-1.026	-3.924	-4.898	-3.636
1201	12.00	-0.488	3.717	7.933	11.143	12.546	11.712	8.687	4.039	-1.212	-5.820
1211	12.10	-8.648	-9.036	-7.025	-3.360	0.781	4.209	6.134	6.401	5.457	4.081
1221	12.20	3.024	2.712	3.125	3.890	4.500	4.560	3.941	2.802	1.484	0.356
1231	12.30	-0.350	-0.615	-0.640	-0.759	-1.302	-2.449	-4.132	-6.012	-7.577	-8.308
1241	12.40	-7.875	-6.276	-3.839	-1.099	1.405	3.324	4.558	5.188	5.306	4.866
1251	12.50	3.674	1.530	-1.526	-5.035	-8.126	-9.793	-9.307	-6.603	-2.406	1.996
1261	12.60	5.253	6.505	5.723	3.655	1.414	-0.088	-0.568	-0.440	-0.493	-1.372
1271	12.70	-3.114	-5.187	-6.493	-6.197	-4.072	-0.708	2.727	5.021	5.479	4.218
1281	12.80	2.067	0.136	-0.722	-0.271	1.077	2.556	3.462	2.722	1.682	
1291	12.90	0.792	0.275	0.069	-0.053	-0.298	-0.729	-1.261	-1.771	-2.201	-2.574
1301	13.00	-2.901	-3.062	-2.764	-1.672	0.352	3.011	5.540	6.938	6.431	3.921
1311	13.10	0.178	-3.377	-5.263	-4.645	-1.788	1.987	4.878	5.469	3.456	-0.134
1321	13.20	-3.391	-4.450	-2.470	1.834	6.382	8.617	6.669	0.391	-8.605	-17.341
1331	13.30	-22.753	-22.913	-17.778	-9.135	0.207	7.597	11.535	12.069	10.462	6.359
1341	13.40	6.908	6.260	5.687	4.178	1.186	-2.910	-6.876	-9.193	-8.814	-5.725
1351	13.50	-0.984	3.757	7.017	8.130	7.438	5.959	4.730	4.199	4.020	3.359
1361	13.60	1.536	-1.386	-4.433	-6.121	-5.248	-1.659	3.462	7.995	9.830	7.909
1371	13.70	2.826	-3.358	-8.039	-9.289	-6.784	-1.966	2.655	4.714	3.116	-1.464
1381	13.80	-6.954	-10.911	-11.664	-9.029	-4.252	0.714	4.191	5.490	5.033	3.878
1391	13.90	2.995	2.716	2.668	2.175	0.841	-1.061	-2.668	-3.019	-1.687	0.867
1401	14.00	3.430	4.632	3.679	0.812	-2.767	-5.482	-6.172	-4.654	-1.774	1.074
1411	14.10	2.686	2.520	1.362	-0.058	-0.675	-0.113	1.266	2.651	3.288	2.915
1421	14.20	1.853	0.737	0.086	-0.022	0.045	-0.215	-1.033	-2.136	-2.861	-2.568
1431	14.30	-1.109	0.967	2.612	2.828	1.265	-1.489	-4.109	-5.173	-3.911	-0.665
1441	14.40	3.202	5.924	6.183	3.751	-0.381	-4.468	-6.812	-6.506	-3.782	0.198
1451	14.50	3.932	6.245	6.702	5.614	3.704	1.676	-0.089	-1.548	-2.807	-3.872
1461	14.60	-4.537	-4.470	-3.451	-1.582	0.656	2.557	3.466	3.044	1.375	-1.114
1471	14.70	-3.852	-6.324	-8.170	-9.170	-9.218	-8.220	-6.232	-3.526	-0.653	1.643
1481	14.80	2.657	2.019	-0.090	-2.950	-5.549	-6.974	-6.778	-5.125	-2.677	-0.271
1491	14.90	1.436	2.193	2.148	1.668	1.103	0.637	0.292	0.042	-0.086	-0.004

Table 7-36-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1981 1317-GR-1-9 HB. (HB.) HIROO BRIDGE MAX. ACC. = 79.749 (GAL) T= 4.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	0.314	0.678	0.623	-0.441	-2.913	-6.656	-10.833	-14.081	-15.004	-12.800
1511	15.10	-7.719	-1.111	5.025	8.826	9.326	6.883	3.004	-0.325	-1.527	-0.122
1521	15.20	3.094	6.480	8.368	7.882	5.395	2.315	0.439	1.050	4.267	6.938
1531	15.30	13.128	14.994	13.626	9.474	4.165	-0.197	-1.939	-0.509	3.337	7.920
1541	15.40	11.387	12.478	10.973	7.646	3.805	0.651	-1.209	-1.910	-2.099	-2.489
1551	15.50	-3.435	-4.739	-5.757	-5.718	-4.099	-0.869	3.477	8.072	11.932	14.203
1561	15.60	14.330	12.197	8.095	2.783	-2.646	-6.970	-9.168	-8.766	-6.074	-2.158
1571	15.70	1.503	3.586	3.462	1.496	-1.137	-3.008	-3.165	-1.541	0.812	2.418
1581	15.80	2.062	-0.489	-4.269	-7.500	-8.440	-6.271	-1.571	3.867	7.824	8.664
1591	15.90	6.077	1.203	-3.925	-7.325	-7.936	-6.002	-2.822	-0.029	1.194	0.596
1601	16.00	-1.190	-3.121	-4.343	-4.581	-4.161	-3.646	-3.409	-3.372	-3.087	-2.084
1611	16.10	-0.281	1.837	3.373	3.462	1.749	-1.348	-4.772	-7.270	-8.001	-6.833
1621	16.20	-4.448	-1.952	-0.356	-0.130	-1.045	-2.360	-3.230	-3.124	-2.056	-0.526
1631	16.30	0.757	1.231	0.735	-0.432	-1.674	-2.369	-2.167	-1.043	0.516	1.874
1641	16.40	2.617	1.812	0.176	-1.951	-3.757	-4.472	-3.672	-1.469	1.494	4.279
1651	16.50	6.020	5.208	3.475	1.915	1.140	2.557	3.466	3.044	1.375	1.692
1661	16.60	0.283	-1.650	-3.364	-4.174	-3.802	-2.506	-0.925	0.274	0.734	0.542
1671	16.70	0.091	-0.235	-0.355	-0.557	-1.294	-2.812	-4.850	-6.618	-7.119	-5.671
1681	16.80	-2.356	1.873	5.520	7.190	6.228	3.037	-1.088	-4.549	-6.147	-5.564
1691	16.90	-3.401	-0.768	1.308	2.355	2.567	2.523	2.730	3.265	3.735	3.573
1701	17.00	2.486	0.750	-0.829	-1.316	-0.193	2.268	5.028	6.742	6.427	4.005
1711	17.10	0.607	-2.810	-4.265	-3.301	-0.445	2.903	5.123	5.154	3.988	-0.348
1721	17.20	-3.301	-4.540	-3.559	-0.858	2.359	4.800	5.676	4.998	3.435	1.866
1731	17.30	0.875	0.474	0.187	-0.569	-2.037	-3.877	-5.267	-5.328	-3.631	-0.530
1741	17.40	2.887	5.226	5.402	3.154	-0.806	-5.075	-8.146	-9.034	-7.644	-4.736
1751	17.50	-1.522	0.887	1.924	1.702	0.820	-0.024	-0.389	-0.245	0.128	0.399
1761	17.60	0.433	0.373	0.519	1.095	2.054	3.055	3.623	3.414	2.418	0.973
1771	17.70	-0.407	-1.303	-1.589	-1.446	-1.181	-0.974	-0.713	-0.052	1.343	3.483
1781	17.80	5.898	7.767	8.183	6.798	3.897	0.428	-2.420	-3.770	-3.472	-2.153
1791	17.90	-0.865	-0.512	-1.360	-2.886	-4.071	-3.968	-2.240	0.613	3.475	5.163
1801	18.00	5.041	3.183	0.550	-1.781	-3.021	-3.043	-2.328	-1.589	-1.292	-1.378
1811	18.10	-1.342	-0.617	0.978	2.995	4.512	4.596	2.852	-0.274	-3.621	-5.827
1821	18.20	-5.984	-4.092	-1.076	1.668	2.850	2.059	-0.243	-2.886	-4.587	-4.553
1831	18.30	-2.606	-0.123	2.366	3.688	3.414	1.764	-0.567	-2.732	-4.050	-4.192
1841	18.40	-3.205	-1.436	0.806	2.353	3.305	3.169	1.862	-0.219	-2.456	-4.098
1851	18.50	-4.557	-3.092	-1.674	0.441	1.599	1.599	0.825	-0.825	-1.993	-2.246
1861	18.60	-1.499	-0.249	0.698	0.681	-0.498	-2.280	-3.753	-4.019	-2.675	-0.603
1871	18.70	2.940	5.227	5.975	5.076	3.072	0.890	-0.601	-0.962	-0.315	0.797
1881	18.80	1.716	1.979	1.487	0.472	-0.656	-1.510	-1.838	-1.545	-0.658	0.712
1891	18.90	2.362	3.964	5.075	5.228	4.119	1.796	-1.239	-4.120	-5.894	-5.884
1901	19.00	-3.978	-0.715	2.908	5.789	7.142	6.748	4.974	2.558	0.288	-1.277
1911	19.10	-1.935	-1.794	-1.125	-0.190	0.811	1.728	2.395	2.600	2.138	0.938
1921	19.20	-0.826	-2.708	-4.100	-4.453	-3.513	-1.455	1.142	3.500	4.914	5.006
1931	19.30	3.824	1.794	-0.480	-2.425	-3.675	-4.117	-3.819	-3.075	-2.017	-0.862
1941	19.40	0.231	1.115	1.656	1.722	1.291	0.424	-0.702	-1.838	-2.728	-3.175
1951	19.50	-3.086	-2.485	-1.505	-0.361	0.681	1.349	1.431	0.848	-0.279	-1.615
1961	19.60	-2.679	-2.999	-2.296	-0.663	1.502	3.617	4.365	3.895	2.036	-0.670
1971	19.70	-3.365	-5.201	-5.469	-4.791	-3.088	-1.325	-0.174	0.042	-0.350	-0.905
1981	19.80	-0.945	-0.082	-1.628	-3.499	-5.422	-6.177	-5.684	-4.099	-1.921	-0.245
1991	19.90	-1.935	-2.973	-3.476	-3.674	-3.780	-3.798	-3.552	-2.801	-1.425	0.434

Table 7-36-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1981 1317-GR-1-9 HB. (HB.) HIROO BRIDGE MAX. ACC. = 79.749 (GAL) T= 4.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	2.359	3.765	4.228	3.495	1.794	-0.330	-2.199	-3.259	-3.291	-2.467
2011	20.10	-1.237	-0.110	0.550	0.722	0.634	0.632	0.964	1.624	2.333	2.679
2021	20.20	2.330	1.224	-0.372	-1.965	-3.057	-3.369	-2.960	-2.168	-1.415	-0.973
2031	20.30	-0.817	-0.664	-0.159	0.873	2.257	3.493	3.972	3.288	1.481	-0.926
2041	20.40	-3.127	-4.383	-4.356	-3.241	-1.648	-0.274	0.448	0.568	0.469	0.685
2051	20.50	1.548	2.672	4.073	4.442	3.521	1.388	-1.336	-3.736	-5.010	-4.807
2061	20.60	-3.350	-1.276	0.680	2.012	2.591	2.609	2.365	2.071	1.768	1.408
2071	20.70	1.005	0.724	0.825	1.471	2.528	3.518	3.798	2.912	0.929	-1.458
2081	20.80	-3.173	-3.271	-1.469	1.596	4.570	5.976	4.961	1.779	-2.250	-5.323
2091	20.90	-6.011	-3.985	-0.202	3.524	5.401	4.527	1.326	-2.674	-5.605	-6.173
2101	21.00	-4.259	-0.924	2.178	3.640	2.971	0.755	-1.752	-3.330	-3.435	-2.415
2111	21.10	-1.229	-0.854	-1.710	-3.436	-5.112	-5.781	-4.975	-2.948	-0.506	1.448
2121	21.20	2.388	2.381	1.964	1.760	2.079	2.748	3.254	3.100	2.151	0.757
2131	21.30	-0.436	-0.851	-0.336	0.740	1.681	1.870	1.132	-0.146	-1.207	-1.333
2141	21.40	-0.235	1.778	3.953	5.465	5.803	4.966	3.383	1.626	0.087	-1.154
2151	21.50	-2.266	-3.419	-4.560	-5.352	-5.336	-4.211	-2.077	0.534	2.862	4.263
2161	21.60	4.497	3.814	2.781	1.965	1.650	1.740	1.897	1.815	1.440	1.021
2171	21.70	0.934	1.409	2.330	3.239	3.570	2.968	1.520	-0.262	-1.698	-2.306
2181	21.80	-2.068	-1.430	-1.034	-1.324	-2.252	-3.271	-3.426	-2.810	-0.910	1.334
2191	21.90	2.840	2.707	0.699	-2.567	-5.834	-7.725	-7.339	-4.633	-0.437	3.894
2201	22.00	7.023	8.115	7.073	4.474	1.263	-1.610	-3.481	-4.095	-3.571	-2.276
2211	22.10	-0.692	0.727	1.620	1.799	1.284	0.293	-0.829	-1.739	-2.237	-2.342
2221	22.20	-2.267	-2.274	-2.504	-2.859	-3.025	-2.636	-1.504	0.220	2.050	3.349
2231	22.30	3.622	2.750	1.056	-0.844	-2.324	-3.021	-2.950	-2.425	-1.427	-1.384
2241	22.40	-1.065	-0.675	-0.042	0.797	1.572	1.920	1.628	0.812	-0.095	-0.555
2251	22.50	-0.251	0.677	1.637	1.849	0.765	-1.579	-4.486	-6.855	-7.657	-6.416
2261	22.60	-3.432	0.340	3.726	5.831	6.377	5.713	4.519	3.394	2.542	1.742
2271	22.70	0.580	-1.183	-3.354	-5.308	-6.256	-5.655	-3.529	-0.525	2.337	4.098
2281	22.80	4.269	3.023	1.069	-0.695	-1.593	-1.429	-0.510	0.577	1.269	1.277
2291	22.90	0.659	-0.288	-1.232	-1.974	-2.500	-2.902	-3.242	-3.452	-3.345	-2.736
2301	23.00	-1.594	-0.139	1.195	1.927	1.750	0.698	-0.835	-2.240	-2.955	-2.711
2311	23.10	-1.650	-0.264	0.830	1.168	0.644	-0.467	-1.655	-2.441	-2.608	-2.288
2321	23.20	-1.861	-1.706	-1.959	-2.388	-2.495	-1.786	-0.089	2.265	4.503	5.730
2331	23.30	5.357	3.436	0.697	-1.710	-2.746	-1.959	0.276	2.913	4.719	4.866
2341	23.40	3.335	0.936	-1.075	-1.608	-0.272	2.422	5.297	7.054	6.866	4.736
2351	23.50	1.460	-1.763	-3.868	-4.344	-3.358	-1.568	0.248	1.520	2.046	1.926
2361	23.60	1.380	0.591	-0.341	-1.315	-2.135	-2.495	-2.108	-0.907	0.821	2.407
2371	23.70	1.558	1.099	1.833	0.233	-0.788	-0.551	1.002	3.209	4.966	5.262
2381	23.80	3.709	0.784	-2.350	-4.382	-4.670	-2.652	0.180	2.705	3.805	3.067
2391	23.90	0.940	-1.535	-3.251	-3.557	-2.513	-0.796	0.692	1.265	0.753	-0.487
2401	24.00	-1.803	-2.588	-2.537	-1.738	-0.560	0.548	1.248	1.410	1.104	0.531
2411	24.10	-0.054	-0.402	-0.311	0.322	1.449	2.636	4.095	4.799	4.656	3.663
2421	24.20	2.150	0.666	0.269	-0.322	0.324	1.218	1.776	1.591	0.648	-0.672
2431	24.30	-1.774	-2.147	-1.608	-0.375	1.054	2.150	2.587	2.348	1.668	0.868
2441	24.40	0.190	-0.276	-0.562	-0.720	-0.756	-0.633	-0.351	-0.018	0.148	-0.073
2451	24.50	-0.739	-1.641	-2.330	-2.316	-1.333	0.457	2.471	3.923	4.190	3.117
2461	24.60	1.118	-1.008	-2.446	-2.739	-1.978	-0.709	0.388	0.835	0.612	0.068
2471	24.70	-0.306	-0.200	0.338	0.945	1.183	0.823	0.002	-0.851	-1.261	-0.993
2481	24.80	-0.197	0.678	1.142	0.958	0.275	-0.458	-0.775	-0.480	0.204	0.753
2491	24.90	0.632	-0.375	-2.008	-3.633	-4.556	-4.384	-3.231	-1.667	-0.422	-0.028

Table 7-36-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1981 1317-GR-1-9 HB. (HB.) HIROO BRIDGE MAX. ACC. = 79.749 (GAL) T= 4.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.574	-1.697	-2.810	-3.417	-3.348	-2.789	-2.118	-1.665	-1.529	-1.571
2511	25.10	-1.552	-1.330	-0.960	-0.657	-0.626	-0.892	-1.233	-1.291	-0.787	0.279
2521	25.20	1.577	2.584	2.851	2.242	1.017	-0.311	-1.247	-1.582	-1.483	-1.367
2531	25.30	-1.622	-2.342	-3.236	-3.773	-3.491	-2.293	-0.559	1.004	1.699	1.198
2541	25.40	-0.277	-2.045	-3.283	-3.402	-2.301	-0.367	1.741	3.413	4.318	4.454
2551	25.50	4.018	3.207	2.090	0.633	-1.151	-3.041	-4.539	-5.166	-4.424	-2.352
2561	25.60	0.500	1.293	5.118	5.515	4.469	2.554	0.556	-0.875	-1.478	-1.415
2571	25.70	-1.086	-0.845	-0.786	-0.730	-0.385	0.403	1.489	2.451	2.808	2.297
2581	25.80	1.044	-0.357	-1.277	-1.187	-0.011	1.853	3.714	4.918	5.139	4.485
2591	25.90	3.394	2.368	1.709	1.394	1.150	0.660	-0.218	-1.347	-2.389	-2.998
2601	26.00	-3.027	-2.615	-2.102	-1.831	-1.939	-2.269	-2.460	-2.157	-1.237	0.084
2611	26.10	1.334	2.001	1.816	0.864	-0.421	-1.477	-1.887	-1.573	-0.814	-0.075
2621	26.20	0.243	0.018	-0.538	-1.001	-1.001	-0.400	0.576	1.451	1.724	1.122
2631	26.30	-0.261	-1.987	-3.465	-4.203	-3.995	-2.982	-1.556	-0.171	0.836	1.336
2641	26.40	1.390	1.146	0.737	0.225	-0.368	-0.996	-1.533	-1.782	-1.553	-0.782
2651	26.50	0.393	1.647	2.576	2.865	2.429	1.452	0.310	-0.603	-1.038	-0.995
2661	26.60	-0.687	-0.405	-0.354	-0.563	-0.794	-0.852	-0.543	0.114	0.906	1.535
2671	26.70	1.783	1.632	1.284	1.048	1.167	1.671	2.344	2.824	2.796	2.167
2681	26.80	1.137	0.114	-0.480	-0.618	0.217	1.073	1.699	1.744	1.211	0.263
2691	26.90	-0.705	-1.353	-1.525	-1.281	-0.805	-0.258	0.322	1.018	1.920	2.982
2701	27.00	3.943	4.399	3.980	2.587	0.513	-1.603	-3.012	-3.179	-2.025	0.007
2711	27.10	2.136	3.568	3.624	2.915	1.205	-0.424	-1.675	-2.240	-2.236	-1.965
2721	27.20	-1.797	-1.825	-2.011	-2.198	-2.257	-2.186	-2.092	-2.079	-2.133	-2.086
2731	27.30	-1.689	-0.778	0.580	2.083	3.208	3.629	3.217	2.200	1.037	0.170
2741	27.40	-0.198	-0.201	-0.205	-0.558	-1.347	-2.292	-2.865	-2.577	-1.280	0.682
2751	27.50	2.578	3.610	3.293	1.708	-0.515	-2.600	-3.435	-3.085	-1.787	-0.022
2761	27.60	1.292	1.628	1.687	1.264	1.106	0.534	2.479	3.532	4.163	3.998
2771	27.70	2.999	1.460	-0.154	-1.442	-2.225	-2.571	-2.683	-2.720	-2.687	-2.425
2781	27.80	-1.731	-0.515	1.091	2.740	3.986	4.467	4.051	2.892	1.369	-0.047
2791	27.90	-0.952	-1.122	-0.561	0.525	1.794	2.858	3.381	3.166	2.217	0.759
2801	28.00	-0.813	-2.040	-2.557	-2.226	-1.199	0.126	1.251	1.767	1.504	0.581
2811	28.10	-0.662	-1.820	-2.584	-2.862	-2.676	-2.283	-1.855	-1.499	-1.220	-0.944
2821	28.20	-0.680	-0.364	-0.058	0.190	0.357	0.458	0.520	0.537	0.153	0.196
2831	28.30	-0.297	-0.985	-1.718	-2.278	-2.476	-2.247	-1.706	-1.108	-0.741	-0.788
2841	28.40	-1.237	-1.680	-2.403	-2.529	-2.149	-1.371	-0.472	0.221	0.470	0.224
2851	28.50	-0.376	-1.058	-1.541	-1.662	-1.343	-0.789	-0.224	0.111	0.071	-0.338
2861	28.60	-0.957	-1.539	-1.640	-1.724	-1.216	-0.498	0.171	0.561	0.569	0.259
2871	28.70	-0.186	-0.563	-0.757	-0.793	-0.804	-0.928	-1.201	-1.510	-1.442	-1.614
2881	28.80	-0.817	-0.062	0.493	0.528	-0.037	-0.942	-1.665	-1.659	-0.634	1.162
2891	28.90	3.419	5.098	5.689	5.038	3.510	1.814	0.648	0.369	0.844	1.555
2901	29.00	1.909	1.523	0.649	-0.388	-0.969	-0.757	0.150	1.259	1.940	1.753
2911	29.10	0.680	-0.870	-2.272	-2.992	-2.830	-1.969	-0.638	0.133	0.707	0.895
2921	29.20	0.865	0.774	0.656	0.431	0.011	-0.567	-1.103	-1.323	-1.058	-0.392
2931	29.30	0.322	0.627	0.212	-0.676	-2.205	-3.167	-3.205	-2.296	-0.833	0.660
2941	29.40	0.912	0.263	-1.178	-2.478	-3.438	-3.008	-1.515	0.385	1.852	2.270
2951	29.50	1.554	0.148	-1.124	-1.664	-1.202	-0.014	1.273	2.032	1.931	1.095
2961	29.60	0.007	-0.747	-0.773	-0.040	1.126	2.211	2.744	2.478	1.457	-0.040
2971	29.70	-1.614	-2.870	-3.511	-3.375	-2.460	-0.926	0.924	2.688	3.955	4.628
2981	29.80	4.018	2.879	1.360	-0.126	-1.237	-1.807	-1.649	-1.494	-0.894	-0.162
2991	29.90	0.644	1.467	2.210	2.729	2.884	2.624	2.042	1.357	0.824	0.605

Table 7-36-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1981 1317-GR-1-9 HB. (HB.) HIROO BRIDGE MAX. ACC. = 79.749 (GAL) T= 4.03 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
3001	30.00	0.691	0.914	1.049	0.962	0.696	0.466	0.512	0.953	1.669	2.326
3011	30.10	2.524	2.011	0.832	-0.659	-1.940	-2.557	-2.319	-1.375	-0.122	0.983
3021	30.20	1.627	1.739	1.463	1.038	0.554	0.378	0.170	-0.042	-0.283	-0.509
3031	30.30	-0.651	-0.678	-0.662	-0.619	-0.783	-1.027	-1.244	-1.240	-0.885	-0.219
3041	30.40	0.532	1.059	1.037	0.665	-0.476	-1.404	-1.925	-1.804	-1.062	0.058
3051	30.50	1.217	2.133	2.672	2.851	2.758	2.470	2.009	1.375	0.600	-0.201
3061	30.60	-0.850	-1.187	-1.159	-0.860	-0.481	-0.204	-0.088	-0.035	0.139	0.566
3071	30.70	1.207	1.825	2.090	1.759	0.831	-0.421	-1.575	-2.272	-2.406	-2.165
3081	30.80	-1.905	-1.917	-2.219	-2.523	-2.391	-1.517	0.031	1.765	2.968	3.048
3091	30.90	1.869	-0.134	-2.124	-3.252	-3.071	-1.751	0.008	1.340	1.649	0.899
3101	31.00	-0.392	-1.457	-1.699	-1.014	0.165	1.119	1.247	0.401	-1.018	-2.272
3111	31.10	-2.676	-1.963	-0.431	1.207	2.183	2.059	0.938	-0.598	-1.785	-2.053
3121	31.20	-1.270	0.129	1.541	2.320	2.154	1.154	-0.236	-1.468	-2.126	-2.070
3131	31.30	-1.437	-0.517	0.393	1.100	1.536	1.716	1.672	1.413	0.949	0.336
3141	31.40	-0.299	-0.746	-0.815	-0.417	0.353	1.219	1.812	1.823	1.151	-0.027
3151	31.50	-1.293	-2.148	-2.212	-1.405	-0.001	1.460	2.376	2.337	1.300	-0.370
3161	31.60	-2.037	-3.046	-2.980	-1.828	0.023	1.952	3.350	3.847	3.418	2.340
3171	31.70	1.039	-0.093	-0.822	-1.102	-1.012	-0.679	-0.218	0.264	0.662	0.757
3181	31.80	0.462	-0.286	-1.341	-2.353	-2.869	-2.530	-1.276	0.574	2.377	3.431
3191	31.90	3.273	1.900	-0.210	-2.289	-3.620	-3.839	-3.074	-1.858	-0.849	-0.524
3201	32.00	-0.983	-1.945	-2.935	-3.535	-3.571	-3.152	-2.557	-2.052	-1.749	-1.577
3211	32.10	-1.364	-0.969	-0.372	0.322	0.953	1.408	1.662	1.760	1.752	1.634
3221	32.20	1.358	0.898	0.331	-0.164	-0.282	0.065	0.819	1.645	2.087	1.786
3231	32.30	0.708	-0.801	-2.132	-2.703	-2.358	-1.019	0.404	1.318	1.298	0.417
3241	32.40	-0.767	-1.589	-1.665	-0.365	1.242	2.615	3.112	2.516	1.121	-0.439
3251	32.50	-1.536	-1.855	-1.535	-1.022	-0.781	-1.016	-1.552	-1.959	-1.827	-1.031
3261	32.60	0.166	1.242	1.689	1.292	0.240	-0.981	-1.849	-2.081	-1.751	-1.204
3271	32.70	-0.822	-0.776	-0.931	-0.934	-0.458	0.568	1.865	2.925	3.276	2.743
3281	32.80	1.565	0.294	-0.481	-0.419	0.416	1.611	2.845	3.168	3.169	2.940
3291	32.90	2.869	3.171	3.731	4.135	3.891	2.713	0.718	-1.582	-3.492	-4.440
3301	33.00	-4.239	-3.156	-1.765	-0.665	-0.196	-0.304	-0.608	-0.631	-0.067	1.041
3311	33.10	2.313	3.211	3.302	2.461	0.943	-0.735	-2.018	-2.546	-2.287	-1.520
3321	33.20	-0.682	-0.159	-0.119	-0.461	-0.890	-1.078	-0.831	-0.177	0.642	1.286
3331	33.30	1.467	1.072	0.207	-0.857	-1.793	-2.343	-2.395	-2.000	-1.318	-0.545
3341	33.40	0.151	0.669	0.964	1.035	0.904	0.621	0.268	-0.039	-0.182	-0.088
3351	33.50	0.218	0.602	0.854	0.782	0.304	-0.480	-1.308	-1.847	-1.836	-1.199
3361	33.60	-0.099	1.125	2.087	2.500	2.278	1.544	0.553	-0.414	-1.163	-1.600
3371	33.70	-1.731	-1.601	-1.252	-0.723	-0.076	0.589	1.119	1.383	1.328	1.028
3381	33.80	0.655	0.399	0.354	0.447	0.466	0.175	-0.530	-1.511	-2.401	-2.760
3391	33.90	-2.292	-1.029	0.631	2.077	2.755	2.440	1.363	0.122	-0.599	-0.366
3401	34.00	0.783	2.338	3.553	3.812	2.936	1.283	-0.615	-1.392	-1.217	0.006
3411	34.10	1.688	3.043	3.452	2.740	1.240	-0.396	-1.510	-1.734	-1.127	-0.091
3421	34.20	0.858	1.353	1.325	0.989	0.674	0.626	0.869	1.213	1.388	1.215
3431	34.30	0.725	0.151	-0.196	-0.100	0.445	1.226	1.928	2.296	2.271	2.006
3441	34.40	1.771	1.793	2.118	2.572	2.844	2.644	1.863	0.630	-0.725	-1.824

Table 7-37-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1985 1315-GR-1-14 HA. (HA.) ONNETTO BRIDGE MAX. ACC. = 148.616 (GAL) T= 5.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	11.950	20.314	27.872	32.351	33.881	32.446	29.445	25.570	22.485	21.372
11	0.10	22.694	25.979	29.934	32.913	33.555	31.349	26.873	21.582	17.228	15.137
21	0.20	15.674	18.111	20.975	22.703	22.322	19.854	16.272	13.035	11.443	12.079
31	0.30	14.595	17.922	20.766	22.166	21.878	20.327	18.566	17.310	17.034	17.570
41	0.40	18.300	18.506	17.749	16.093	14.077	12.450	11.822	12.374	13.779	15.350
51	0.50	16.349	16.301	15.186	13.407	11.600	10.320	9.804	9.874	10.034	9.713
61	0.60	8.524	6.456	3.900	1.510	-0.038	-0.293	0.807	2.923	5.430	7.626
71	0.70	8.955	9.153	8.302	6.756	5.003	3.496	2.524	2.163	2.289	2.725
81	0.80	3.248	3.756	4.235	4.711	5.175	5.528	5.598	5.219	4.302	3.221
91	0.90	2.203	1.796	2.346	3.846	5.847	7.561	8.140	7.037	4.282	0.531
101	1.00	-3.141	-5.659	-6.379	-5.351	-3.286	-1.236	-0.129	-0.375	-1.716	-3.394
111	1.10	-4.537	-4.581	-3.518	-1.860	-0.359	0.370	0.125	-0.841	-2.009	-2.914
121	1.20	-3.390	-3.633	-4.047	-4.968	-6.408	-8.040	-9.307	-9.722	-9.116	-7.725
131	1.30	-6.071	-4.696	-3.901	-3.628	-3.539	-3.248	-2.560	-1.604	-0.760	-0.454
141	1.40	-0.916	-2.032	-3.392	-4.469	-4.865	-4.472	-3.488	-2.289	-1.240	-0.556
151	1.50	-0.268	-0.300	-0.588	-1.154	-2.086	-3.443	-5.155	-6.982	-8.586	-9.667
161	1.60	-10.107	-10.014	-9.660	-9.333	-9.182	-9.150	-9.030	-8.609	-7.812	-6.772
171	1.70	-5.777	-5.126	-4.985	-5.317	-5.930	-6.604	-7.221	-7.802	-8.440	-9.155
181	1.80	-9.774	-9.932	-9.209	-7.354	-4.469	-1.153	1.839	3.691	3.937	2.620
191	1.90	0.264	-2.363	-4.561	-5.950	-6.539	-6.406	-6.079	-5.479	-4.348	
201	2.00	-2.536	-0.196	2.164	3.631	4.166	2.885	0.201	-3.255	-6.680	-9.412
211	2.10	-11.165	-11.959	-12.162	-12.050	-11.713	-11.000	-9.661	-7.569	-4.911	-2.213
221	2.20	-0.167	0.654	0.073	-1.578	-3.569	-5.072	-5.510	-4.797	-3.360	-1.916
231	2.30	-1.138	-1.334	-2.309	-3.468	-4.101	-3.713	-2.265	-0.191	1.785	2.980
241	2.40	2.929	1.737	-0.180	-2.196	-3.747	-4.518	-4.491	-3.863	-2.892	-1.755
251	2.50	-0.501	0.912	2.515	4.249	5.940	7.358	8.311	8.728	8.672	8.280
261	2.60	7.665	6.836	5.689	4.072	1.908	-0.705	-3.465	-5.933	-7.683	-8.447
271	2.70	-8.214	-7.217	-5.839	-4.419	-3.216	-2.278	-1.523	-0.839	-0.170	0.437
281	2.80	0.872	1.039	0.937	0.684	0.465	0.435	0.625	0.909	1.059	0.868
291	2.90	0.278	-0.555	-1.299	-1.588	-1.192	-0.147	1.231	2.465	3.119	3.000
301	3.00	2.254	1.323	0.769	1.037	2.268	4.238	6.450	8.339	9.466	9.764
311	3.10	9.354	8.624	7.946	7.541	7.397	7.311	7.011	6.295	5.132	3.676
321	3.20	2.197	0.983	0.239	0.030	0.288	0.850	1.518	2.108	2.486	2.589
331	3.30	2.431	2.103	1.753	1.545	1.599	1.934	2.437	2.887	3.035	2.713
341	3.40	1.922	0.858	-0.146	-0.750	-0.756	-0.190	0.685	1.498	1.928	1.861
351	3.50	1.447	1.046	1.056	1.730	3.035	4.642	6.047	6.777	6.588	5.574
361	3.60	4.134	2.809	2.060	2.078	2.709	3.532	4.040	3.870	2.966	1.611
371	3.70	0.317	-0.393	-0.205	0.836	2.341	3.718	4.421	4.174	3.086	1.615
381	3.80	0.373	-0.135	0.272	1.361	2.575	3.265	2.960	1.579	-0.521	-2.676
391	3.90	-4.172	-4.517	-3.624	-1.826	0.276	2.061	3.124	3.400	3.157	2.734
401	4.00	2.531	2.644	2.935	3.100	2.849	2.081	0.953	-0.166	-0.870	-0.903
411	4.10	-0.285	0.674	1.551	1.989	1.898	1.506	1.250	1.551	2.569	4.069
421	4.20	5.471	6.089	5.449	3.535	0.856	-1.761	-3.413	-3.691	-2.684	-1.026
431	4.30	0.422	0.979	0.469	-0.708	-1.781	-2.010	-1.070	0.755	2.695	3.855
441	4.40	3.656	2.124	-0.113	-2.130	-3.152	-2.925	-1.817	-0.608	-0.066	-0.538
451	4.50	-1.761	-2.996	-3.415	-2.536	-0.491	2.026	4.091	5.005	4.629	3.433
461	4.60	2.232	1.753	2.250	3.377	4.372	4.463	3.289	1.108	-1.300	-2.996
471	4.70	-3.333	-2.261	-0.353	1.473	2.385	2.011	0.588	-1.187	-2.518	-2.900
481	4.80	-2.360	-1.428	-0.866	-1.301	-2.913	-5.344	-7.850	-9.626	-10.143	-9.366
491	4.90	-7.745	-5.999	-4.611	-4.549	-5.145	-6.173	-7.069	-7.393	-7.017	-6.149

Table 7-37-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1985 1315-GR-1-14 HA. (HA.) ONNETTO BRIDGE MAX. ACC. = 148.616 (GAL) T= 5.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-5.208	-4.607	-4.549	-4.938	-5.434	-5.923	-5.209	-4.153	-2.680	-1.166
511	5.10	0.027	0.706	0.589	0.757	0.528	0.328	0.141	-0.158	-0.703	-1.534
521	5.20	-2.546	-3.525	-4.244	-4.569	-4.525	-4.287	-4.105	-4.207	-4.708	-5.569
531	5.30	-6.595	-7.471	-7.823	-7.302	-5.688	-2.993	0.466	4.095	7.168	9.083
541	5.40	9.629	9.136	8.393	8.320	9.492	11.744	14.060	14.874	12.683	6.723
551	5.50	-2.633	-13.992	-25.553	-35.962	-46.959	-53.440	-62.816	-73.924	-85.991	-96.247
561	5.60	-100.495	-94.535	-75.883	-45.066	-5.726	36.220	74.665	103.168	126.147	138.759
571	5.70	145.542	148.617	147.954	141.207	124.665	95.392	53.468	3.337	-48.469	-85.355
581	5.80	-103.796	-96.546	-64.745	-16.136	36.766	80.030	102.159	97.249	66.520	17.779
591	5.90	-36.989	-85.122	-116.827	-127.695	-119.493	-99.049	-75.678	-58.016	-51.327	-56.104
601	6.00	-68.358	-81.382	-88.273	-84.299	-68.315	-42.832	-12.880	15.798	38.518	52.789
611	6.10	58.575	57.766	53.240	47.901	43.993	42.751	44.351	48.004	52.166	54.853
621	6.20	54.125	48.702	38.553	25.211	11.588	1.169	-3.111	-0.065	9.111	21.034
631	6.30	31.179	35.642	31.733	20.607	5.270	-9.884	-19.930	-22.958	-18.895	-10.299
641	6.40	-1.052	5.186	6.336	2.559	-4.008	-10.277	-13.553	-12.592	-8.142	-2.476
651	6.50	1.559	1.740	-2.620	-10.418	-19.241	-26.360	-29.815	-29.141	-25.438	-20.790
661	6.60	-17.310	-16.246	-17.570	-20.173	-22.605	-23.914	-24.183	-24.455	-26.083	-29.705
671	6.70	-34.727	-39.043	-39.803	-34.562	-22.437	-4.692	15.551	34.398	48.613	56.761
681	6.80	59.583	59.430	59.062	60.369	63.589	67.355	69.494	68.156	62.708	54.012
691	6.90	43.978	34.686	27.528	22.780	19.765	17.413	14.966	12.281	9.749	7.811
701	7.00	6.442	6.913	1.998	-3.446	-11.839	-22.526	-33.907	-44.024	-51.321	-55.227
711	7.10	-56.293	-55.834	-55.277	-55.531	-56.660	-57.971	-58.429	-57.153	-53.760	-48.436
721	7.20	-41.745	-34.361	-26.838	-19.540	-12.675	-6.347	-0.539	4.971	10.677	17.263
731	7.30	25.339	35.039	45.677	55.685	62.926	65.352	61.769	52.384	38.904	24.096
741	7.40	10.992	2.013	-1.637	-0.144	5.193	12.494	19.865	25.796	29.334	30.085
751	7.50	28.150	24.045	18.613	12.860	7.692	3.590	0.379	-2.771	-7.013	-13.259
761	7.60	-21.610	-31.078	-39.782	-45.608	-47.073	-43.994	-37.634	-30.226	-24.049	-20.492
771	7.70	-19.526	-19.829	-19.515	-17.096	-12.229	-5.693	0.660	3.750	4.901	1.202
781	7.80	-3.728	-9.025	-13.219	-15.509	-15.818	-14.507	-11.962	-8.347	-3.449	2.048
791	7.90	8.255	14.032	18.215	19.915	18.993	16.251	13.208	11.542	12.435	16.135
801	8.00	21.915	28.430	34.256	38.376	40.374	40.335	38.562	35.315	30.735	24.950
811	8.10	18.267	11.262	4.676	-0.864	-5.144	-8.696	-11.661	-15.421	-20.183	-25.732
821	8.20	-31.306	-35.937	-38.938	-40.208	-40.259	-39.902	-39.771	-39.934	-39.801	-38.390
831	8.30	-34.830	-28.658	-21.062	-12.761	-5.556	-0.755	1.088	0.349	-1.834	-3.966
841	8.40	-4.664	-3.047	1.084	7.271	14.579	21.867	28.057	32.377	34.515	34.674
851	8.50	33.488	31.809	30.413	29.715	29.604	29.478	28.479	25.864	21.340	15.548
861	8.60	8.487	2.218	-2.549	-5.306	-6.220	-6.043	-5.830	-6.554	-8.787	-12.524
871	8.70	-17.216	-21.966	-25.820	-28.052	-28.379	-27.030	-24.662	-22.147	-20.275	-19.472
881	8.80	-19.635	-20.141	-20.077	-18.603	-15.328	-10.542	-5.182	-0.527	2.279	2.694
891	8.90	1.018	-1.691	-4.004	-4.659	-3.024	0.717	5.725	10.914	15.440	19.020
901	9.00	21.946	24.808	28.053	31.620	34.824	36.571	35.811	32.029	25.560	17.552
911	9.10	9.605	3.205	-0.796	-2.447	-2.601	-2.498	-3.214	-5.216	-8.204	-11.306
921	9.20	-13.537	-14.287	-13.631	-12.312	-11.390	-11.731	-13.564	-16.327	-18.873	-19.963
931	9.30	-18.833	-15.552	-11.029	-6.639	-3.638	-2.627	-3.314	-4.668	-5.405	-4.573
941	9.40	-1.973	1.769	5.502	8.075	8.830	7.855	5.887	3.936	2.824	2.852
951	9.50	3.747	4.877	5.620	5.689	5.254	4.824	4.943	5.873	7.414	8.949
961	9.60	9.692	9.036	6.845	3.560	0.089	-2.497	-3.327	-2.039	1.091	5.230
971	9.70	9.260	12.151	13.193	12.367	10.120	7.242	4.525	2.466	1.107	0.112
981	9.80	-1.020	-2.653	-4.800	-7.097	-8.984	-10.010	-10.095	-9.624	-9.293	-9.778
991	9.90	-11.382	-13.838	-16.377	-18.046	-18.123	-16.439	-13.436	-9.948	-6.810	-4.486

Table 7-37-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1985 1315-GR-1-14 HA. (HA.) ONNETTO BRIDGE MAX. ACC. = 148.616 (GAL) T= 5.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-2.905	-1.572	0.113	2.511	5.547	8.766	11.596	13.660	14.975	15.913
1011	10.10	16.963	18.428	20.217	21.862	22.743	22.390	20.718	18.049	14.940	11.911
1021	10.20	9.227	6.860	4.618	2.365	0.166	-1.726	-3.058	-3.807	-4.316	-5.194
1031	10.30	-7.056	-10.136	-14.076	-17.950	-20.603	-21.126	-19.266	-15.579	-11.223	-7.479
1041	10.40	-5.244	-4.700	-5.311	-6.140	-6.304	-5.359	-3.432	-1.096	1.078	2.665
1051	10.50	3.658	4.486	5.576	7.169	9.128	10.991	12.193	12.349	11.452	9.606
1061	10.60	8.248	7.081	6.636	6.783	7.089	7.028	6.202	4.495	2.075	-0.711
1071	10.70	-3.505	-6.062	-8.305	-10.269	-12.001	-13.668	-14.515	-14.913	-14.450	-13.042
1081	10.80	-10.794	-7.997	-5.052	-2.362	-0.222	1.249	2.105	2.522	2.714	2.845
1091	10.90	2.989	3.128	3.196	3.151	3.026	2.957	3.137	3.763	4.937	6.601
1101	11.00	8.511	10.280	11.469	11.708	10.806	8.816	6.035	2.930	0.026	-2.226
1111	11.10	-3.551	-3.905	-3.464	-2.560	-1.587	-0.912	-0.800	-1.376	-2.625	-4.396
1121	11.20	-6.437	-8.420	-9.994	-10.849	-10.797	-9.848	-8.251	-6.462	-5.022	-4.386
1131	11.30	-4.737	-5.876	-7.247	-8.111	-7.808	-6.027	-2.969	0.788	4.312	6.837
1141	11.40	7.945	7.723	6.686	5.534	4.855	4.901	5.539	6.376	6.981	7.097
1151	11.50	6.728	6.087	5.444	4.968	4.661	4.400	4.048	3.568	3.034	2.549
1161	11.60	2.119	1.561	0.542	-1.263	-3.951	-7.244	-10.593	-12.945	-13.963	-13.329
1171	11.70	-11.466	-9.320	-7.128	-6.047	-5.931	-6.363	-6.696	-6.384	-5.257	-3.553
1181	11.80	-1.759	-0.334	0.533	0.987	1.383	2.035	3.008	4.066	4.809	4.914
1191	11.90	4.355	3.449	2.707	2.571	3.158	4.192	5.127	5.435	4.880	3.639
1201	12.00	2.206	1.121	0.679	0.781	0.990	0.786	-0.140	-1.708	-3.475	-4.867
1211	12.10	-5.471	-5.250	-4.551	-3.924	-3.837	-4.452	-5.570	-6.760	-7.582	-7.796
1221	12.20	-7.415	-6.624	-5.617	-4.473	-3.152	-1.621	-0.006	1.342	1.965	1.438
1231	12.30	-0.172	-2.377	-4.277	-4.919	-5.220	-6.723	-5.120	6.730	8.886	8.944
1241	12.40	7.028	3.944	0.816	-1.389	-2.204	-1.763	-0.608	0.639	1.587	2.194
1251	12.50	2.676	3.273	4.034	4.737	5.007	4.543	3.330	1.714	0.271	-0.447
1261	12.60	-0.179	0.918	2.330	3.419	3.703	3.047	1.694	0.111	-1.232	-2.066
1271	12.70	-2.398	-2.447	-2.492	-2.722	-3.157	-3.681	-4.134	-4.416	-4.535	-4.587
1281	12.80	-4.683	-4.890	-5.196	-5.527	-5.789	-5.897	-5.769	-5.309	-4.393	-2.903
1291	12.90	-0.802	1.789	4.551	7.029	8.773	9.518	9.309	8.503	7.631	7.189
1301	13.00	7.362	8.034	8.880	9.469	9.575	9.272	8.887	8.796	9.176	9.857
1311	13.10	10.356	10.097	8.712	6.265	3.282	0.549	-1.227	-1.734	-1.200	-0.283
1321	13.20	0.228	-0.233	-1.784	-4.081	-6.529	-8.578	-9.966	-10.762	-11.251	-11.670
1331	13.30	-12.019	-12.016	-11.242	-9.397	-6.528	-3.086	0.205	2.633	3.795	3.755
1341	13.40	3.005	2.246	2.095	2.852	4.431	6.447	8.415	9.943	10.868	11.161
1351	13.50	11.055	10.718	10.440	10.283	10.378	10.767	11.406	12.130	12.672	12.722
1361	13.60	12.044	10.596	8.573	6.360	4.379	2.915	1.998	1.407	0.795	-0.120
1371	13.70	-1.410	-2.894	-4.247	-5.180	-5.604	-5.691	-5.793	-6.257	-7.248	-8.656
1381	13.80	-10.141	-11.290	-11.803	-11.608	-10.856	-9.815	-8.716	-7.648	-6.548	-5.276
1391	13.90	-3.731	-1.928	-0.006	1.641	3.456	4.784	5.868	6.801	7.656	8.455
1401	14.00	9.176	9.799	10.347	10.872	11.416	11.931	12.278	12.247	11.666	10.511
1411	14.10	8.954	7.316	5.936	5.016	4.521	4.202	3.725	2.851	1.566	0.089
1421	14.20	-1.241	-2.153	-2.601	-2.798	-3.120	-3.914	-5.318	-7.188	-9.165	-10.844
1431	14.30	-11.965	-12.514	-12.694	-12.792	-13.002	-13.329	-13.596	-13.570	-13.118	-12.317
1441	14.40	-11.444	-10.852	-10.799	-11.301	-12.104	-12.767	-12.836	-12.020	-10.285	-7.853
1451	14.50	-5.093	-2.381	0.020	2.903	5.593	4.872	5.910	6.733	7.333	7.721
1461	14.60	7.965	8.205	8.608	9.292	10.248	11.294	12.092	12.243	11.419	9.496
1471	14.70	6.622	3.200	-0.237	-3.196	-5.388	-6.828	-7.796	-8.715	-9.968	-11.754
1481	14.80	-14.033	-16.580	-19.114	-21.422	-23.419	-25.107	-26.479	-27.428	-27.739	-27.184
1491	14.90	-25.681	-23.419	-20.870	-18.631	-17.169	-16.570	-16.433	-15.981	-14.372	-11.069

Table 7-37-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1985 1315-GR-1-14 HA. (HA.) ONNETTO BRIDGE MAX. ACC. = 148.616 (GAL) T= 5.72 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-6.109	-0.144	5.778	10.588	13.565	14.529	13.794	11.925	9.446	6.647
1511	15.10	3.580	0.218	-3.339	-6.743	-9.466	-10.992	-11.089	-9.927	-8.036	-6.070
1521	15.20	-4.516	-3.493	-2.740	-1.811	-0.358	1.653	3.905	5.901	7.248	7.895
1531	15.30	8.196	8.755	10.132	12.555	15.794	19.250	22.228	24.242	25.205	25.423
1541	15.40	25.396	25.556	26.049	26.690	27.084	26.838	25.747	23.610	21.371	18.611
1551	15.50	15.752	12.856	9.869	6.899	4.039	1.000	-1.107	-0.912	-0.508	-0.473
1561	15.60	-0.162	-0.516	-1.866	-4.228	-7.311	-10.635	-13.689	-16.074	-17.570	-18.125
1571	15.70	-17.813	-16.768	-15.159	-13.169	-10.992	-8.805	-6.732	-4.801	-2.939	-1.009
1581	15.80	1.114	3.464	5.948	8.365	10.494	12.193	13.471	14.478	15.430	16.491
1591	15.90	17.679	18.836	19.691	19.973	19.529	18.394	16.773	14.965	13.251	11.812
1601	16.00	10.695	9.831	9.086	8.304	7.332	6.028	4.276	2.019	-0.701	-3.705
1611	16.10	-6.691	-9.316	-11.311	-12.602	-13.355	-13.910	-14.226	-15.686	-16.947	-18.053
1621	16.20	-18.391	-17.552	-15.152	-12.452	-9.248	-6.609	-5.056	-4.646	-4.945	-5.227
1631	16.30	-4.795	-3.295	-0.871	1.900	4.254	5.570	5.614	4.620	3.175	1.980
1641	16.40	1.595	2.276	3.952	6.305	8.911	11.359	13.316	14.544	14.902	14.362
1651	16.50	13.034	11.183	9.187	7.442	6.224	5.581	5.302	5.004	4.296	2.962
1661	16.60	1.054	-1.128	-3.186	-4.810	-5.920	-6.699	-7.483	-8.595	-10.179	-12.137
1671	16.70	-14.175	-15.940	-17.159	-17.717	-17.652	-17.076	-16.050	-14.745	-13.074	-11.155
1681	16.80	-9.159	-7.337	-5.931	-5.051	-4.598	-4.261	-3.634	-2.360	-0.378	2.220
1691	16.90	5.049	7.685	9.807	11.301	12.260	12.893	13.393	13.848	14.217	14.385
1701	17.00	14.248	13.773	13.015	12.058	10.966	9.720	8.261	6.516	4.479	2.241
1711	17.10	-0.027	-2.135	-3.951	-5.449	-6.697	-7.816	-8.916	-10.047	-11.205	-12.354
1721	17.20	-13.470	-14.552	-15.616	-16.648	-17.570	-18.228	-18.429	-18.000	-16.859	-15.062
1731	17.30	-12.802	-10.374	-8.098	-6.249	-4.981	-4.287	-3.989	-3.771	-3.261	-2.148
1741	17.40	-0.308	2.114	4.699	6.869	8.090	8.103	7.795	5.598	4.505	4.243
1751	17.50	4.056	3.800	11.960	14.479	15.361	14.787	11.180	7.159	3.213	0.283
1761	17.60	-1.167	-1.256	-0.557	0.198	0.435	-0.076	-1.217	-2.680	-4.166	-5.524
1771	17.70	-6.767	-7.965	-9.115	-10.074	-10.598	-10.479	-9.694	-8.466	-7.195	-6.285
1781	17.80	-5.943	-6.067	-6.291	-6.150	-5.311	-3.741	-1.722	0.268	1.772	2.542
1791	17.90	2.611	2.236	1.755	1.433	1.404	1.690	2.297	3.276	4.709	6.610
1801	18.00	8.809	10.892	12.289	12.473	11.203	8.681	5.515	2.500	0.289	-0.872
1811	18.10	-1.227	-1.837	-2.802	-3.862	-4.299	-5.536	-5.949	-5.229	-3.611	-1.815
1821	18.20	-0.724	-0.959	-2.544	-4.660	-6.905	-7.760	-7.016	-4.970	-2.474	-0.524
1831	18.30	0.220	-0.260	-1.357	-2.167	-1.955	-0.538	1.619	3.629	4.617	4.155
1841	18.40	2.471	0.357	-1.200	-1.457	-0.234	2.035	4.521	6.378	7.097	6.679
1851	18.50	5.575	4.449	3.879	4.161	5.150	6.540	7.837	8.619	8.618	7.744
1861	18.60	6.057	3.728	1.016	-1.755	-4.223	-6.051	-6.993	-6.968	-6.077	-4.568
1871	18.70	-2.762	-0.956	0.635	1.886	2.739	3.161	3.137	2.691	1.933	1.070
1881	18.80	0.378	0.482	1.202	2.235	3.206	3.700	3.720	3.331	2.796	2.206
1891	18.90	2.405	2.531	2.548	2.859	3.012	2.835	2.344	1.737	1.308	1.304
1901	19.00	1.806	2.696	3.705	4.524	4.942	4.892	4.458	3.802	3.084	2.400
1911	19.10	1.775	1.192	0.660	0.144	-0.243	-0.470	-0.526	-0.460	-0.373	-0.380
1921	19.20	-0.572	-0.986	-1.603	-2.354	-3.152	-3.902	-4.517	-4.928	-5.092	-5.001
1931	19.30	-4.695	-4.252	-3.773	-3.348	-3.024	-2.788	-2.579	-2.317	-1.943	-1.440
1941	19.40	-0.836	-0.181	0.482	1.137	1.788	2.444	3.091	3.688	4.182	4.533
1951	19.50	4.745	4.843	4.944	5.024	5.080	5.041	4.823	4.392	3.799	3.174
1961	19.60	2.665	2.352	2.181	1.967	1.470	0.517	-0.876	-2.476	-3.892	-4.733
1971	19.70	-4.780	-4.098	-3.026	-2.050	-1.596	-1.865	-2.747	-3.891	-4.862	-5.331
1981	19.80	-5.200	-4.615	-3.864	-3.227	-2.849	-2.701	-2.634	-2.490	-2.202	-1.830
1991	19.90	-1.511	-1.367	-1.418	-1.549	-1.570	-1.309	-0.711	0.125	0.993	1.677

Table 7-37-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1985 1315-GR-1-14 HA. (HA.) ONNETTO BRIDGE MAX. ACC. = 148.616 (GAL) T= 5.72 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2001	20.00	2.061	2.183	2.203	2.316	2.638	3.133	3.631	3.905	3.794	3.295
2011	20.10	2.581	1.937	1.842	1.846	2.508	3.401	4.202	4.605	4.427	3.654
2021	20.20	2.433	1.004	-0.384	-1.538	-2.369	-2.887	-3.172	-3.335	-3.482	-3.682
2031	20.30	-3.970	-4.341	-4.774	-5.238	-5.699	-6.116	-6.436	-6.589	-6.506	-6.137
2041	20.40	-5.493	-4.666	-3.619	-3.146	-2.793	-2.793	-3.019	-3.217	-3.089	-2.412
2051	20.50	-1.139	0.562	2.364	3.901	4.904	5.294	5.190	4.831	4.448	4.161
2061	20.60	3.944	3.669	3.212	2.547	1.783	1.121	0.756	0.778	1.123	1.603
2071	20.70	1.995	2.138	1.962	1.574	0.990	0.266	-0.624	-1.729	-3.036	-4.369
2081	20.80	-5.563	-6.230	-6.211	-5.539	-4.492	-3.496	-2.946	-3.018	-3.592	-4.294
2091	20.90	-4.685	-4.469	-3.641	-2.488	-1.446	-0.881	-0.906	-1.327	-1.747	-1.756
2101	21.00	-1.140	0.031	1.448	2.727	3.602	4.038	4.220	4.421	4.830	5.433
2111	21.10	6.004	6.220	5.828	4.789	3.311	1.782	0.605	0.044	0.129	0.672
2121	21.20	1.362	1.695	2.081	1.887	1.411	0.810	0.232	-0.240	-0.598	-0.893
2131	21.30	-1.211	-1.632	-2.200	-2.901	-3.654	-4.316	-4.725	-4.759	-4.390	-3.720
2141	21.40	-2.961	-2.363	-2.116	-2.264	-2.679	-3.110	-3.269	-3.050	-2.397	-1.502
2151	21.50	-0.608	0.082	0.503	0.750	1.015	1.481	2.223	3.168	4.139	4.904
2161	21.60	5.468	5.719	5.797	5.825	5.861	5.874	5.766	5.450	4.922	4.289
2171	21.70	3.722	3.367	3.260	3.286	3.225	2.854	2.061	0.905	-0.405	-1.604
2181	21.80	-2.502	-3.062	-3.416	-3.784	-4.354	-5.180	-6.140	-6.987	-7.453	-7.358
2191	21.90	-6.682	-5.556	-4.205	-2.860	-1.696	-0.806	-0.221	0.059	0.045	-0.228
2201	22.00	-0.678	-1.153	-1.446	-1.349	-0.728	0.415	1.923	3.528	4.938	5.932
2211	22.10	6.425	6.467	6.198	5.768	5.272	4.726	4.095	3.343	2.481	1.589
2221	22.20	0.790	0.204	-0.099	-0.127	0.044	0.309	0.568	0.752	0.825	0.765
2231	22.30	0.547	0.147	-0.448	-1.201	-2.020	-2.754	-3.244	-3.373	-3.112	-2.546
2241	22.40	-1.841	-1.195	-0.773	-0.655	-0.825	-1.197	-1.654	-2.095	-2.455	-2.706
2251	22.50	-2.844	-2.861	-2.747	-2.490	-2.095	-1.592	-1.037	-0.492	-0.001	0.432
2261	22.60	0.838	1.274	1.790	2.403	3.082	3.758	4.361	4.750	4.939	4.900
2271	22.70	4.667	4.299	3.872	3.462	3.138	2.951	2.922	3.030	3.211	3.357
2281	22.80	3.345	3.057	2.419	1.416	0.105	-1.401	-2.972	-4.459	-5.753	-6.776
2291	22.90	-7.488	-7.878	-7.958	-7.754	-7.306	-6.668	-5.905	-5.066	-4.280	-3.547
2301	23.00	-2.927	-2.440	-2.086	-1.839	-1.657	-1.483	-1.247	-0.884	-0.339	0.416
2311	23.10	1.371	2.471	3.624	4.712	5.611	6.218	6.475	6.381	5.996	5.425
2321	23.20	4.792	4.203	3.714	3.318	2.952	2.526	1.973	1.281	0.516	-0.198
2331	23.30	-0.723	-0.970	-0.940	-0.745	-0.573	-0.624	-1.039	-1.839	-2.914	-4.059
2341	23.40	-5.042	-5.679	-5.890	-5.708	-5.252	-4.667	-4.080	-3.558	-3.109	-2.705
2351	23.50	-2.311	-1.909	-1.501	-1.101	-0.720	-0.357	-0.005	0.346	0.690	1.010
2361	23.60	1.285	1.508	1.705	1.928	2.243	2.693	3.276	3.929	4.539	4.976
2371	23.70	5.131	4.956	4.459	3.716	2.828	1.893	0.996	0.195	-0.465	-0.943
2381	23.80	-1.206	-1.233	-1.034	-0.663	-0.215	0.194	0.457	0.510	0.343	0.003
2391	23.90	-0.434	-0.893	-1.321	-1.697	-2.021	-2.288	-2.476	-2.538	-2.420	-2.087
2401	24.00	-1.546	-0.860	-0.128	0.535	1.040	1.344	1.455	1.422	1.307	1.168
2411	24.10	1.032	0.923	0.850	0.824	0.844	0.978	1.159	1.371	1.554	1.642
2421	24.20	1.589	1.305	1.064	0.685	0.311	-0.025	-0.320	-0.608	-0.922	-1.271
2431	24.30	-1.618	-1.894	-2.020	-1.950	-1.702	-1.360	-1.050	-0.892	-0.948	-1.193
2441	24.40	-1.520	-1.782	-1.848	-1.658	-1.238	-0.691	-0.147	0.288	0.567	0.708
2451	24.50	0.766	0.793	0.814	0.819	0.790	0.729	0.683	0.731	0.950	1.363
2461	24.60	1.911	2.456	2.830	2.904	2.648	2.139	1.537	1.007	0.658	0.506
2471	24.70	0.491	0.530	0.574	0.635	0.759	0.966	1.201	1.327	1.174	0.637
2481	24.80	-0.232	-1.212	-1.973	-2.220	-1.810	-0.977	-0.471	0.671	0.720	0.120
2491	24.90	-0.868	-1.811	-2.308	-2.183	-1.567	-0.819	-0.347	-0.388	-0.893	-1.551

Table 7-37-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1985 1315-GR-1-14 HA. (HA.) ONNETTO BRIDGE MAX. ACC. = 148.616 (GAL) T= 5.72 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2501	25.00	-1.956	-1.814	-1.099	-0.063	0.896	1.445	1.477	1.156	0.816	0.769
2511	25.10	1.136	1.778	2.388	2.657	2.451	1.883	1.241	0.823	0.757	0.924
2521	25.20	1.016	0.721	-0.084	-1.231	-2.304	-2.830	-2.513	-1.395	-0.139	1.520
2531	25.30	2.244	2.093	1.223	0.079	-0.809	-1.064	-0.810	0.320	1.315	1.979
2541	25.40	2.092	1.682	0.968	0.238	-0.269	-0.547	0.022	-0.689	-0.911	-1.399
2551	25.50	-2.037	-2.772	-3.437	-3.890	-4.065	-3.971	-3.688	-3.325	-2.988	-2.732
2561	25.60	-2.547	-2.358	-2.060	-1.572	-0.895	-0.143	0.472	0.712	0.416	0.409
2571	25.70	-1.544	-2.606	-3.169	-2.925	-1.821	-0.104	1.741	3.154	3.699	3.228
2581	25.80	1.944	0.340	-0.969	-1.461	-0.885	0.652	2.719	4.701	6.004	6.240
2591	25.90	5.345	3.589	1.481	-0.402	-1.590	-1.867	-1.313	-0.263	0.823	1.507
2601	26.00	1.506	0.768	-0.550	-2.133	-3.627	-4.733	-5.272	-5.213	-4.658	-3.807
2611	26.10	-2.897	-2.149	-1.708	-1.606	-1.747	-1.938	-1.952	-1.641	-0.996	-0.192
2621	26.20	0.468	0.661	0.196	-0.879	-2.253	-3.442	-3.963	-3.525	-2.150	-0.181
2631	26.30	1.842	3.379	4.080	3.890	3.037	1.909	0.898	0.259	0.061	0.213
2641	26.40	0.551	0.928	1.251	1.486	1.616	1.405	1.401	0.960	0.298	0.478
2651	26.50	-1.183	-1.598	-1.549	-0.967	0.074	1.374	2.650	3.594	3.933	3.474
2661	26.60	2.142	0.002	-2.733	-5.724	-8.552	-10.809	-12.187	-12.551	-11.946	-10.444
2671	26.70	-8.879	-6.928	-4.959	-3.043	-1.200	0.532	2.053	3.213	3.874	3.994
2681	26.80	3.482	3.190	2.833	2.671	3.409	4.356	5.474	6.481	7.168	7.475
2691	26.90	7.483	7.343	7.174	6.997	6.713	6.173	5.269	4.020	2.605	1.316
2701	27.00	0.457	0.233	0.664	1.574	2.638	3.496	3.854	3.578	2.720	1.490
2711	27.10	0.193	-0.868	-1.464	-1.504	-1.044	-0.276	0.525	1.068	1.119	0.557
2721	27.20	-0.583	-2.109	-3.709	-5.013	-5.685	-5.512	-4.468	-2.737	-0.666	1.321
2731	27.30	2.856	3.723	3.952	3.777	3.558	3.634	4.187	5.143	6.288	6.984
2741	27.40	7.501	7.102	6.081	4.745	3.179	1.550	0.203	2.203	2.370	2.449
2751	27.50	2.305	1.968	1.594	1.355	1.325	1.408	1.374	0.960	0.012	1.423
2761	27.60	-3.089	-4.613	-5.648	-6.018	-5.772	-5.150	-4.466	-3.969	-3.743	-3.704
2771	27.70	-3.663	-3.452	-3.011	-2.433	-1.909	-1.638	-1.724	-2.122	-2.658	-3.103
2781	27.80	-3.264	-3.057	-2.518	-1.758	-0.898	-0.006	0.916	1.912	3.011	4.185
2791	27.90	5.335	6.314	6.986	7.274	7.176	6.752	6.078	5.200	4.139	2.900
2801	28.00	1.526	0.139	-1.105	-1.981	-2.370	-2.286	-1.913	-1.560	-1.545	-2.072
2811	28.10	-3.143	-4.537	-5.897	-6.853	-7.166	-6.805	-5.943	-4.874	-3.900	-3.220
2821	28.20	-2.887	-2.820	-2.868	-2.880	-2.752	-2.438	-1.936	-1.267	-0.467	0.410
2831	28.30	1.280	2.034	2.568	2.813	2.782	2.550	2.219	1.858	1.457	0.929
2841	28.40	0.172	-0.845	-2.003	-3.036	-3.613	-3.481	-2.615	-1.276	0.043	0.797
2851	28.50	0.608	-0.557	-2.350	-4.159	-5.349	-5.510	-4.622	-3.052	-1.402	-0.260
2861	28.60	0.020	-0.574	-1.745	-3.047	-4.078	-4.602	-4.611	-4.235	-3.638	-2.928
2871	28.70	-2.122	-1.192	-0.171	0.855	1.894	2.147	2.147	1.704	0.928	0.247
2881	28.80	-0.078	-0.078	0.246	0.495	0.682	0.815	0.564	0.069	-0.347	-0.510
2891	28.90	-0.378	-0.050	0.288	0.465	0.413	0.191	-0.045	-0.133	0.016	0.372
2901	29.00	0.810	1.180	1.390	1.457	1.492	1.636	1.977	2.485	3.008	3.339
2911	29.10	3.301	2.845	2.072	1.205	0.489	0.090	0.021	0.144	0.231	0.079
2921	29.20	-0.402	-1.138	-1.923	-2.510	-2.713	-2.496	-1.975	-1.383	-0.958	-0.868
2931	29.30	-1.051	-1.427	-1.756	-1.839	-1.576	-0.999	-0.247	0.504	1.121	1.562
2941	29.40	1.861	2.184	2.557	3.015	3.482	3.839	3.936	3.740	3.364	2.904
2951	29.50	2.569	2.482	2.480	3.078	3.505	3.817	3.923	3.832	3.630	3.420
2961	29.60	3.258	3.116	2.899	2.500	1.867	1.048	0.180	-0.565	-1.059	-1.275
2971	29.70	-1.297	-1.277	-1.349	-1.569	-1.884	-2.168	-2.295	-2.209	-1.954	-1.648
2981	29.80	-1.415	-1.307	-1.267	-1.156	-0.825	-0.202	0.660	1.596	2.407	2.949
2991	29.90	3.210	3.300	3.388	3.597	3.921	4.213	4.243	3.816	2.882	1.577

Table 7-38-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1986 1315-GR-1-14 U-D (U-D) ONNETTO BRIDGE MAX. ACC. = -72.269 (GAL) T= 5.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	10.506	17.710	22.686	25.092	25.236	23.843	21.732	19.569	17.760	16.489
11	0.10	15.809	15.706	16.090	16.739	17.286	17.293	16.424	14.645	12.325	10.163
21	0.20	8.934	9.163	10.862	13.491	16.157	17.974	18.427	17.547	15.845	14.023
31	0.30	12.637	11.866	11.512	11.208	10.691	10.007	9.490	9.560	10.422	11.868
41	0.40	13.293	13.934	13.241	11.167	8.243	5.382	3.496	3.116	4.188	6.136
51	0.50	8.153	9.569	10.115	9.973	9.606	9.674	9.795	10.447	11.057	11.199
61	0.60	10.589	9.134	6.993	4.382	1.528	-1.353	-4.003	-6.050	-7.014	-6.430
71	0.70	-4.051	-0.046	4.930	9.858	13.654	15.523	15.216	13.088	9.928	6.634
81	0.80	3.906	2.056	1.020	0.519	0.267	0.100	-0.015	-0.075	-0.152	-0.420
91	0.90	-1.109	-2.277	-3.750	-5.073	-5.660	-5.036	-3.068	-0.088	3.222	6.062
101	1.00	7.820	8.269	7.600	6.270	4.757	3.358	2.107	0.858	-0.552	-2.145
111	1.10	-3.754	-5.089	-5.893	-6.067	-5.714	-5.066	-4.349	-3.685	-2.962	-2.108
121	1.20	-1.026	0.206	1.342	2.062	2.533	1.525	0.442	-0.772	-1.801	-2.490
131	1.30	-2.898	-3.224	-3.663	-4.271	-4.920	-5.366	-5.387	-4.918	-4.100	-3.206
141	1.40	-2.504	-2.122	-1.994	-1.926	-1.736	-1.387	-1.030	-0.925	-1.274	-2.076
151	1.50	-3.066	-3.809	-3.902	-3.186	-1.861	-0.439	0.454	0.341	-0.903	-2.991
161	1.60	-5.343	-7.304	-8.385	-8.406	-7.509	-6.053	-4.458	-3.072	-2.109	-1.643
171	1.70	-1.650	-2.034	-2.636	-3.247	-3.626	-3.575	-3.023	-2.096	-1.105	-0.452
181	1.80	-0.458	-1.212	-2.499	-3.873	-4.843	-5.100	-4.671	-3.915	-3.365	-3.472
191	1.90	-4.384	-5.866	-7.395	-8.405	-8.535	-7.769	-6.432	-4.982	-3.786	-2.946
201	2.00	-2.296	-1.557	-0.557	0.600	1.529	1.729	0.856	-1.059	-3.547	-5.650
211	2.10	-7.216	-7.210	-5.883	-3.732	-1.470	0.280	1.214	1.394	1.120	0.702
221	2.20	0.266	-0.297	-1.217	-2.654	-4.525	-6.476	-8.014	-8.730	-8.494	-7.513
231	2.30	-6.209	-4.996	-4.054	-3.257	-2.272	-0.792	1.221	3.435	5.233	5.975
241	2.40	5.288	3.255	0.391	-2.567	-4.950	-6.433	-7.014	-6.977	-6.624	-6.092
251	2.50	-5.304	-4.081	-2.340	-0.253	1.738	3.080	3.368	2.558	1.031	-0.559
261	2.60	-1.555	-1.591	-0.728	0.600	1.814	2.464	2.412	1.839	1.090	0.452
271	2.70	-0.000	-0.421	-1.051	-2.023	-3.216	-4.263	-4.703	-4.205	-2.748	-0.659
281	2.80	1.520	3.261	4.268	4.573	4.466	4.316	4.357	4.570	4.718	4.489
291	2.90	3.702	2.442	1.055	0.022	-0.262	0.320	1.570	2.957	3.888	3.893
301	3.00	2.804	0.816	-1.590	-3.821	-5.371	-5.971	-5.642	-4.642	-3.326	-2.004
311	3.10	-0.831	0.212	1.251	2.406	3.679	4.912	5.838	6.198	5.880	4.997
321	3.20	3.871	2.911	2.433	2.526	3.006	3.509	3.670	3.308	2.522	1.653
331	3.30	1.113	1.188	1.884	2.920	3.847	4.254	3.942	2.993	1.705	0.436
341	3.40	-0.548	-1.157	-1.443	-1.503	-1.371	-0.993	-0.280	0.787	2.077	3.322
351	3.50	4.224	4.605	4.510	4.187	3.948	3.971	4.172	4.208	3.659	2.277
361	3.60	0.187	-2.088	-3.811	-4.319	-3.479	-1.515	0.810	2.661	3.474	3.196
371	3.70	2.283	1.463	1.372	2.255	3.660	5.576	6.724	6.860	5.945	4.312
381	3.80	2.476	0.894	-0.194	-0.789	-1.036	-1.076	-0.960	-0.655	-0.121	0.591
391	3.90	1.321	1.857	2.061	1.965	1.788	1.831	2.322	3.266	4.419	5.372
401	4.00	5.745	5.365	4.348	3.051	1.894	1.173	0.924	0.936	0.871	0.448
411	4.10	-0.413	-1.552	-2.649	-3.373	-3.523	-3.099	-2.276	-1.298	-0.368	0.430
421	4.20	1.122	1.788	2.423	3.138	3.662	3.902	3.771	3.300	2.640	2.008
431	4.30	1.596	1.483	1.602	1.786	1.757	1.442	0.846	0.172	-0.276	-0.222
441	4.40	0.446	1.598	2.880	3.841	4.107	3.538	2.297	0.791	-0.492	-1.183
451	4.50	-1.176	-0.660	-0.021	0.341	0.188	-0.465	-1.371	-2.177	-2.582	-2.453
461	4.60	-1.861	-1.019	-0.176	0.475	0.845	0.938	0.811	0.526	0.142	-0.287
471	4.70	-0.698	-1.032	-1.255	-1.386	-1.493	-1.651	-1.684	-2.114	-2.172	-1.670
481	4.80	-1.109	0.036	1.300	2.322	2.787	2.567	1.781	0.728	-0.254	-0.950
491	4.90	-1.351	-1.617	-1.954	-2.461	-3.046	-3.465	-3.448	-2.855	-1.775	-0.501

Table 7-38-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1986 1315-GR-1-14 U-D (U-D) ONNETTO BRIDGE MAX. ACC. = -72.269 (GAL) T= 5.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.588	1.172	1.118	0.467	-0.617	-1.953	-3.402	-4.866	-6.240	-7.385
511	5.10	-8.148	-8.432	-8.272	-7.842	-7.366	-6.971	-6.571	-5.873	-4.551	-2.497
521	5.20	-0.023	2.146	3.128	2.311	-0.262	-3.765	-6.845	-8.171	-7.051	-3.802
531	5.30	0.328	3.678	4.902	3.572	0.351	-3.332	-5.939	-6.500	-4.967	-2.106
541	5.40	0.970	3.367	4.750	5.317	5.453	5.313	4.609	2.753	-0.733	-5.756
551	5.50	-11.443	-16.366	-19.020	-18.489	-14.786	-8.844	-2.101	4.055	8.706	11.492
561	5.60	12.385	11.359	8.208	2.673	-5.171	-14.506	-23.623	-30.240	-32.167	-28.103
571	5.70	-18.162	-3.899	12.195	27.478	39.874	48.209	52.089	51.478	46.293	36.298
581	5.80	21.366	2.109	-19.868	-41.697	-59.805	-70.767	-72.269	-63.809	-46.856	-24.435
591	5.90	-0.336	21.775	39.032	49.712	53.237	49.987	41.066	28.085	13.023	-1.983
601	6.00	-14.901	-24.141	-28.875	-29.226	-26.210	-21.430	-16.595	-13.018	-11.255	-11.017
611	6.10	-11.355	-11.066	-9.165	-5.260	0.296	6.529	12.192	16.222	18.122	18.128
621	6.20	17.091	16.115	14.245	12.099	10.706	10.577	10.689	11.765	7.629	-1.374
631	6.30	-11.283	-20.083	-26.214	-28.776	-27.679	-23.533	-17.366	-10.310	-3.370	2.676
641	6.40	7.280	10.095	10.974	9.997	7.508	4.095	0.492	-2.582	-4.598	-5.328
651	6.50	-4.860	-3.515	-1.714	0.157	1.844	3.262	4.500	5.793	7.476	9.903
661	6.60	13.334	17.799	22.987	28.223	32.571	35.056	34.926	31.873	26.116	18.305
671	6.70	9.312	-0.015	-9.016	-17.251	-24.413	-30.201	-34.243	-36.126	-35.521	-32.346
681	6.80	-26.863	-19.667	-11.563	-3.398	4.100	10.397	15.164	18.246	19.628	19.429
691	6.90	17.923	15.496	12.589	9.576	6.676	3.928	1.276	-1.279	-3.544	-5.110
701	7.00	-5.481	-4.319	-1.681	1.890	5.489	8.173	9.337	8.965	7.625	6.196
711	7.10	5.452	5.693	6.623	7.507	7.548	6.285	3.807	0.702	-2.242	-4.407
721	7.20	-5.599	-6.062	-6.260	-6.605	-7.153	-7.651	-7.698	-7.015	-5.666	-4.063
731	7.30	-2.775	-2.226	-2.464	-3.119	-3.587	-3.341	-2.206	-0.455	1.327	2.519
741	7.40	2.745	2.013	0.644	-0.948	-2.487	-3.932	-5.396	-6.937	-8.345	-9.100
751	7.50	-8.531	-6.150	-1.977	3.114	8.527	12.336	13.763	12.574	9.340	5.217
761	7.60	1.480	-0.917	-1.838	-1.584	-1.017	-0.967	-1.913	-3.172	-4.572	-5.269
771	7.70	-9.458	-9.582	-8.048	-5.768	-3.012	-0.254	2.166	3.975	5.193	5.874
781	7.80	6.158	6.188	6.033	5.640	4.825	3.340	1.007	-2.126	-5.691	-9.023
791	7.90	-11.330	-11.963	-10.680	-7.771	-3.991	-0.281	2.579	4.252	4.935	5.192
801	8.00	5.631	6.576	7.878	8.985	9.212	8.095	5.647	2.383	-0.867	-3.400
811	8.10	-6.754	-5.042	-4.763	-4.418	-4.547	-5.043	-5.575	-5.614	-4.749	-2.889
821	8.20	-0.314	2.462	4.908	6.687	7.733	8.193	8.197	7.897	7.509	6.449
831	8.30	4.739	2.124	-0.260	-2.830	-4.814	-5.870	-5.925	-5.189	-4.079	-3.064
841	8.40	-2.526	-2.660	-3.456	-4.737	-6.230	-7.622	-8.612	-8.929	-8.357	-6.768
851	8.50	-4.159	-0.691	3.295	7.314	10.811	13.273	14.344	13.916	12.148	9.418
861	8.60	6.211	2.972	-0.018	-2.696	-5.181	-7.661	-10.236	-12.805	-15.034	-16.445
871	8.70	-16.594	-15.263	-12.583	-9.029	-5.269	-1.934	0.598	2.314	3.514	4.632
881	8.80	5.988	7.616	9.208	10.241	10.196	8.794	6.139	2.708	-0.811	-3.751
891	8.90	-5.484	-6.533	-6.539	-6.125	-5.695	-5.479	-5.459	-5.412	-5.044	-4.442
901	9.00	-2.694	-0.926	0.770	1.979	2.433	2.128	1.349	0.571	0.273	0.731
911	9.10	1.880	3.307	4.388	4.534	3.429	1.182	-1.699	-4.487	-6.514	-7.407
921	9.20	-7.198	-6.248	-5.038	-3.921	-2.956	-1.913	-0.421	1.787	4.684	7.883
931	9.30	10.747	12.621	13.072	12.051	9.892	7.165	4.462	2.192	0.482	-0.807
941	9.40	-1.953	-3.221	-4.726	-6.365	-7.852	-8.789	-8.800	-7.664	-5.409	-2.366
951	9.50	0.979	3.920	5.914	6.661	6.229	5.022	3.628	2.579	2.134	2.186
961	9.60	2.338	2.124	1.225	0.111	-1.576	-2.503	-2.423	-1.264	0.587	2.337
971	9.70	3.315	3.100	1.814	0.056	-1.388	-1.879	-1.237	0.206	1.767	2.735
981	9.80	2.684	1.643	0.044	-1.491	-2.428	-2.514	-1.829	-0.684	0.548	1.575
991	9.90	2.252	2.555	2.519	2.198	1.653	0.988	0.354	-0.087	-0.241	-0.161

Table 7-38-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1986 1315-GR-1-14 U-D (U-D) ONNETTO BRIDGE MAX. ACC. = -72.269 (GAL) T= 5.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.052	-0.165	-0.739	-1.657	-2.602	-3.081	-2.678	-1.305	0.674	2.534
1011	10.10	3.474	2.985	1.113	-1.507	-3.897	-5.146	-4.802	-3.061	-0.661	1.467
1021	10.20	2.624	2.633	1.868	1.015	0.691	1.122	2.043	2.854	2.948	2.046
1031	10.30	0.353	-1.530	-2.891	-3.245	-2.546	-1.182	0.215	1.226	1.593	1.568
1041	10.40	1.618	2.167	3.346	4.883	6.198	6.658	5.864	3.842	1.044	-1.824
1051	10.50	-4.076	-5.293	-5.447	-4.855	-4.003	-3.330	-3.054	-3.120	-3.260	-3.143
1061	10.60	-2.530	-1.375	0.152	1.735	3.025	3.755	3.823	3.309	2.444	1.527
1071	10.70	0.839	0.566	0.738	1.246	1.856	2.277	2.261	1.653	0.458	-1.159
1081	10.80	-2.909	-4.451	-5.483	-5.819	-5.433	-4.452	-3.107	-1.655	-0.306	0.826
1091	10.90	1.726	2.439	3.016	3.465	3.732	3.718	3.333	2.546	1.418	0.103
1101	11.00	-1.192	-2.265	-2.566	-3.227	-3.063	-2.552	-1.811	-0.980	-0.215	0.319
1111	11.10	0.472	0.151	-0.639	-1.756	-2.931	-3.827	-4.161	-3.701	-2.542	-0.902
1121	11.20	0.846	2.318	3.241	3.524	3.266	2.692	2.056	1.549	1.255	1.156
1131	11.30	1.173	1.220	1.228	1.156	0.975	0.653	0.164	-0.487	-1.229	-1.918
1141	11.40	-2.358	-2.368	-1.863	-0.910	0.259	1.303	1.872	1.728	0.830	-0.662
1151	11.50	-2.334	-3.855	-4.848	-5.118	-4.600	-4.028	-3.145	-2.430	-2.021	-1.866
1161	11.60	-1.739	-1.339	-0.409	1.132	3.133	5.223	6.920	7.778	7.546	6.251
1171	11.70	4.201	1.885	-0.177	-1.591	-2.187	-2.037	-1.390	-0.562	0.166	0.622
1181	11.80	0.750	0.585	0.207	-0.286	-0.790	-1.191	-1.365	-1.205	-0.662	0.209
1191	11.90	1.234	2.144	2.648	2.527	1.720	0.350	-1.302	-2.876	-4.038	-4.569
1201	12.00	-4.407	-3.641	-2.471	-1.144	0.101	1.082	1.689	1.904	1.788	1.467
1211	12.10	1.096	0.614	0.703	0.761	0.912	1.050	1.091	1.027	0.933	0.929
1221	12.20	1.109	1.466	1.872	2.106	1.955	1.324	0.325	-0.750	-1.479	-1.508
1231	12.30	-0.687	0.830	2.606	4.054	4.632	4.035	2.312	-0.135	-2.677	-4.644
1241	12.40	-5.529	-5.127	-3.584	-1.339	1.014	2.893	3.882	3.834	2.893	1.433
1251	12.50	-0.057	-1.117	-1.453	-1.011	0.018	1.265	2.311	2.818	2.625	1.783
1261	12.60	0.514	-0.876	-2.099	-2.960	-3.387	-3.412	-3.125	-2.632	-2.026	-1.385
1271	12.70	-0.776	-0.257	0.136	0.408	0.612	0.840	1.177	1.654	2.210	2.700
1281	12.80	2.949	2.833	2.350	1.637	0.922	0.429	0.266	0.369	0.521	0.454
1291	12.90	-0.016	-0.886	-1.944	-2.847	-3.268	-3.053	-2.294	-1.312	-0.517	-0.243
1301	13.00	-0.604	-1.445	-2.412	-3.099	-3.214	-2.683	-1.656	-0.423	0.709	1.542
1311	13.10	2.029	2.253	2.343	2.392	2.401	2.291	1.955	1.323	0.416	-0.656
1321	13.20	-1.717	-2.579	-3.090	-3.153	-2.741	-1.882	-0.666	0.767	2.212	3.434
1331	13.30	4.208	4.370	3.876	2.824	1.431	-0.027	-1.295	-2.209	-2.720	-2.875
1341	13.40	-2.770	-2.496	-2.112	-1.652	-1.158	-0.705	-0.408	-0.388	-0.712	-1.350
1351	13.50	-2.158	-2.912	-3.384	-3.419	-2.988	-2.190	-1.202	-0.205	0.617	1.403
1361	13.60	1.995	2.492	2.897	3.155	3.177	2.873	2.213	1.248	0.102	-1.056
1371	13.70	-2.071	-2.835	-3.302	-3.478	-3.396	-3.089	-2.579	-1.880	-1.008	0.004
1381	13.80	1.102	2.211	3.245	4.110	4.717	4.991	4.886	4.399	3.582	2.540
1391	13.90	1.409	0.323	-0.626	-1.404	-2.035	-2.571	-3.047	-3.452	-3.727	-3.789
1401	14.00	-3.584	-3.130	-2.533	-1.959	-1.582	-1.512	-1.758	-2.221	-2.730	-3.105
1411	14.10	-3.214	-3.002	-2.498	-1.784	-0.966	-0.150	0.566	1.100	1.387	1.403
1421	14.20	1.173	0.794	0.410	0.180	0.212	0.520	1.005	1.481	1.747	1.667
1431	14.30	1.220	0.514	-0.259	-0.897	-1.256	-1.292	-1.053	-0.633	-0.128	0.406
1441	14.40	0.952	1.501	2.026	2.458	2.699	2.660	2.303	1.667	0.866	0.050
1451	14.50	-0.643	-1.136	-1.427	-1.573	-1.655	-1.735	-1.826	-1.891	-1.859	-1.659
1461	14.60	-1.254	-0.686	0.027	0.691	1.182	1.384	1.249	0.827	0.259	-0.255
1471	14.70	-0.527	-0.453	-0.047	0.458	0.852	0.877	0.410	-0.473	-1.508	-2.328
1481	14.80	-2.602	-2.163	-1.077	0.385	1.862	3.047	4.162	4.327	4.327	4.473
1491	14.90	4.669	4.822	4.719	4.155	3.062	1.585	0.049	-1.159	-1.764	-1.717

Table 7-38-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1986 1315-GR-1-14 U-D (U-D) ONNETTO BRIDGE MAX. ACC. = -72.269 (GAL) T= 5.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-1.222	-0.638	-0.305	-0.376	-0.742	-1.074	-0.978	-0.187	1.297	3.103
1511	15.10	5.000	6.284	6.766	6.469	5.688	4.843	4.294	4.194	4.433	4.704
1521	15.20	4.650	4.026	2.892	1.182	-0.482	-1.823	-2.582	-2.685	-2.235	-1.452
1531	15.30	-0.591	0.230	0.874	1.365	1.743	2.034	2.215	2.219	1.967	1.420
1541	15.40	0.609	-0.349	-1.287	-2.036	-2.607	-2.834	-2.598	-2.521	-2.446	-3.102
1551	15.50	-3.921	-4.997	-6.111	-6.988	-7.367	-7.079	-6.085	-4.494	-2.530	-0.480
1561	15.60	1.374	2.818	3.751	4.193	4.265	4.126	3.910	3.667	3.342	2.802
1571	15.70	1.912	0.621	-0.975	-2.625	-3.993	-4.773	-4.822	-4.225	-3.281	-2.386
1581	15.80	-1.876	-1.867	-2.218	-2.590	-2.611	-2.066	-1.011	0.205	1.095	1.238
1591	15.90	0.480	-0.981	-2.645	-3.904	-4.275	-3.590	-2.058	-0.179	1.449	2.352
1601	16.00	2.338	1.555	0.418	-0.545	-0.869	-0.300	1.129	3.108	5.137	6.665
1611	16.10	7.249	6.681	5.064	2.786	0.400	-1.557	-2.752	-3.157	-3.043	-2.829
1621	16.20	-2.874	-3.287	-3.863	-4.176	-3.800	-2.560	-0.672	1.296	2.642	2.841
1631	16.30	1.790	-0.119	-2.165	-3.611	-4.028	-3.478	-2.461	-1.653	-1.567	-2.297
1641	16.40	-3.473	-4.449	-4.626	-3.745	-2.026	-0.065	1.431	1.962	1.443	0.208
1651	16.50	-1.157	-2.095	-2.297	-1.803	-0.925	-0.066	0.481	0.630	0.515	0.374
1661	16.60	0.422	0.746	1.283	1.849	2.321	2.520	2.445	2.179	1.864	1.661
1671	16.70	1.694	2.012	2.555	3.144	3.611	3.683	3.264	2.411	1.353	0.411
1681	16.80	-0.133	-0.183	0.112	0.408	0.333	-0.312	-1.418	-2.571	-3.223	-2.948
1691	16.90	-1.668	0.273	2.229	3.526	3.760	2.966	1.591	0.263	-0.508	-0.557
1701	17.00	-0.102	0.408	0.566	0.228	-0.423	-1.001	-1.168	-0.847	-0.290	0.051
1711	17.10	-0.208	-1.163	-2.436	-3.497	-3.758	-2.972	-1.369	0.431	1.703	1.969
1721	17.20	1.243	0.036	-0.873	-0.804	0.504	2.772	5.293	7.236	7.983	7.346
1731	17.30	5.591	3.268	0.944	-0.907	-2.198	-2.970	-3.366	-3.468	-3.346	-2.901
1741	17.40	-2.141	-1.158	-0.142	0.674	1.112	1.355	0.767	0.219	-0.377	-0.937
1751	17.50	-1.460	-1.993	-2.566	-3.150	-3.656	-3.973	-4.024	-3.810	-3.404	-2.924
1761	17.60	-2.480	-2.140	-1.927	-1.843	-1.897	-2.115	-2.526	-3.120	-3.807	-4.404
1771	17.70	-4.659	-4.320	-3.212	-1.308	1.232	4.074	6.771	8.855	9.948	9.859
1781	17.80	8.643	6.600	4.201	1.967	0.310	-0.584	-0.807	-0.676	-0.601	-0.905
1791	17.90	-1.689	-2.784	-3.816	-4.562	-4.114	-3.005	-1.222	0.867	2.851	4.393
1801	18.00	5.297	5.502	5.033	3.958	2.384	0.489	-1.446	-3.041	-3.898	-3.735
1811	18.10	-2.517	-0.517	1.743	3.656	4.748	4.845	4.112	2.961	1.856	1.108
1821	18.20	0.769	0.650	0.463	-0.009	-0.790	-1.703	-2.467	-2.851	-2.791	-2.407
1831	18.30	-1.929	-1.563	-1.381	-1.300	-1.150	-0.806	-0.287	0.219	0.439	0.159
1841	18.40	-0.642	-1.752	-2.786	-3.357	-3.233	-2.441	-1.247	-0.024	0.917	1.657
1851	18.50	1.697	1.873	2.206	2.763	3.412	3.877	3.881	3.293	2.213	0.945
1861	18.60	-0.129	-0.709	-0.697	-0.242	0.367	0.822	0.956	0.804	0.590	0.588
1871	18.70	0.989	1.738	2.738	3.502	3.727	3.232	2.084	0.581	-0.848	-1.803
1881	18.80	-2.047	-1.585	-0.641	0.430	1.277	1.645	1.535	0.998	0.258	-0.459
1891	18.90	-0.997	-1.306	-1.426	-1.455	-1.483	-1.554	-1.666	-1.690	-1.601	-1.327
1901	19.00	-0.883	-0.353	0.125	0.401	0.366	-0.014	-0.676	-1.477	-2.232	-2.766
1911	19.10	-2.961	-2.788	-2.300	-1.609	-0.865	-0.123	0.484	0.945	1.258	1.433
1921	19.20	1.483	1.415	1.266	1.005	0.736	0.479	0.274	0.128	0.022	-0.083
1931	19.30	-0.234	-0.418	-0.657	-0.908	-1.135	-1.317	-1.456	-1.575	-1.700	-1.842
1941	19.40	-1.985	-2.090	-2.116	-2.026	-1.826	-1.542	-1.219	-0.899	-0.602	-0.330
1951	19.50	-0.066	0.205	0.485	0.759	1.006	1.202	1.337	1.411	1.431	1.399
1961	19.60	1.311	1.155	0.929	0.644	0.329	0.022	-0.269	-0.481	-0.708	-0.980
1971	19.70	-1.344	-1.811	-2.341	-2.843	-3.202	-3.320	-3.147	-2.699	-2.045	-1.279
1981	19.80	-0.482	0.298	1.047	1.766	2.427	2.973	3.301	3.303	2.918	2.166
1991	19.90	1.176	0.155	-0.666	-1.107	-1.096	-0.696	-0.073	0.562	1.029	1.236

Table 7-38-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1986 1315-GR-1-14 U-D (U-D) ONNETTO BRIDGE MAX. ACC. = -72.269 (GAL) T= 5.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	1.197	1.006	0.784	0.623	0.556	0.555	0.560	0.522	0.427	0.302
2011	20.10	0.189	0.121	0.096	0.085	0.052	-0.020	-0.113	-0.181	-0.181	-0.107
2021	20.20	-0.003	0.048	-0.031	-0.263	-0.588	-0.873	-0.961	-0.740	-0.199	0.555
2031	20.30	1.335	1.939	2.227	2.161	1.810	1.299	0.752	0.248	-0.192	-0.585
2041	20.40	-0.946	-1.264	-1.498	-1.604	-1.566	-1.416	-1.230	-1.015	-0.922	-0.627
2051	20.50	-0.694	-0.455	-0.131	0.259	0.523	0.596	0.400	-0.015	-0.504	-0.880
2061	20.60	-1.000	-0.827	-0.449	-0.031	0.362	0.350	0.272	0.167	0.197	0.460
2071	20.70	0.933	1.466	1.847	1.888	1.520	0.818	-0.010	-0.710	-1.073	-1.009
2081	20.80	-0.573	0.060	0.668	1.060	1.144	0.944	0.587	0.246	0.077	0.160
2091	20.90	0.471	0.884	1.213	1.277	0.960	0.266	-0.676	-1.644	-2.386	-2.705
2101	21.00	-2.525	-1.917	-1.075	-0.248	0.347	0.602	0.569	0.339	0.172	0.217
2111	21.10	0.538	1.070	1.641	2.040	2.100	1.759	1.084	0.240	-0.563	-1.149
2121	21.20	-1.422	-1.385	-1.116	-0.724	-0.302	0.100	0.471	0.811	1.105	1.305
2131	21.30	1.339	1.147	0.717	0.110	-0.548	-1.107	-1.447	-1.519	-1.363	-1.081
2141	21.40	-0.788	-0.560	-0.406	-0.278	-0.110	0.136	0.443	0.742	0.950	1.020
2151	21.50	0.968	0.875	0.822	0.878	1.016	1.140	1.118	0.850	0.324	-0.370
2161	21.60	-1.069	-1.605	-1.868	-1.846	-1.611	-1.275	-0.933	-0.628	-0.352	-0.082
2171	21.70	0.179	0.386	0.465	0.364	0.097	-0.238	-0.481	-0.486	-0.186	0.359
2181	21.80	0.971	1.429	1.552	1.281	0.696	-0.005	-0.611	-0.962	-1.007	-0.801
2191	21.90	-0.460	-0.100	0.216	0.477	0.699	0.886	0.999	0.963	0.704	0.198
2201	22.00	-0.498	-1.246	-1.872	-2.227	-2.241	-1.952	-1.483	-0.995	-0.620	-0.419
2211	22.10	-0.361	-0.351	-0.275	-0.052	0.327	0.791	1.212	1.450	1.401	1.046
2221	22.20	0.459	-0.204	-0.754	-1.028	-0.950	-0.557	0.009	0.546	0.867	0.864
2231	22.30	0.549	0.065	-0.463	-0.798	-0.861	-0.659	-0.288	0.109	0.413	0.571
2241	22.40	0.615	0.631	0.716	0.929	1.247	1.669	2.026	2.256	2.307	2.173
2251	22.50	1.890	1.516	1.108	0.710	0.346	0.021	-0.271	-0.544	-0.816	-1.111
2261	22.60	-1.429	-1.759	-2.064	-2.289	-2.377	-2.291	-2.027	-1.625	-1.155	-0.690
2271	22.70	-0.282	0.058	0.360	0.675	1.050	1.498	1.983	2.426	2.735	2.816
2281	22.80	2.623	2.157	1.476	0.671	-0.154	-0.903	-1.509	-1.938	-2.184	-2.261
2291	22.90	-2.188	-1.980	-1.649	-1.207	-0.682	-0.120	0.405	0.806	1.003	0.949
2301	23.00	0.651	0.179	-0.352	-0.809	-1.081	-1.112	-0.915	-0.570	-0.191	0.111
2311	23.10	0.260	0.236	0.076	-0.144	-0.361	-0.447	-0.431	-0.300	-0.093	0.137
2321	23.20	0.341	0.487	0.563	0.577	0.543	0.480	0.400	0.311	0.221	0.136
2331	23.30	0.064	0.004	-0.053	-0.135	-0.280	-0.522	-0.871	-1.297	-1.728	-2.059
2341	23.40	-2.191	-2.064	-1.681	-1.115	-0.461	0.100	0.543	0.818	0.944	0.962
2351	23.50	0.901	0.757	0.503	0.116	-0.366	-0.928	-1.389	-1.641	-1.608	-1.297
2361	23.60	-0.801	-0.260	0.200	0.515	0.707	0.869	1.015	1.218	1.390	1.410
2371	23.70	1.167	0.631	0.100	-0.041	-0.347	-0.515	-0.254	-0.701	-0.067	0.429
2381	23.80	0.450	0.588	0.352	0.100	-0.040	-0.024	0.104	0.250	0.335	0.337
2391	23.90	0.300	0.295	0.368	0.502	0.621	0.634	0.495	0.247	0.020	-0.023
2401	24.00	0.236	0.801	1.550	2.271	2.752	2.869	2.633	2.176	1.679	1.283
2411	24.10	1.026	0.860	0.598	0.203	-0.347	-0.938	-1.585	-1.517	-1.264	-0.693
2421	24.20	0.011	0.621	0.955	0.945	0.647	0.198	-0.252	-0.601	-0.817	-0.922
2431	24.30	-0.948	-0.904	-0.771	-0.523	-0.174	0.208	0.504	0.599	0.440	0.071
2441	24.40	-0.366	-0.693	-0.771	-0.564	-0.157	0.286	0.596	0.674	0.526	0.246
2451	24.50	-0.046	-0.261	-0.379	-0.433	-0.461	-0.463	-0.389	-0.162	0.249	0.787
2461	24.60	1.299	1.587	1.507	1.046	0.355	-0.311	-0.702	-0.696	-0.364	0.057
2471	24.70	0.282	0.113	-0.447	-1.197	-1.822	-2.052	-1.796	-1.192	-0.545	-0.186
2481	24.80	-0.311	-0.887	-1.664	-2.287	-2.452	-2.038	-1.145	-0.042	0.955	1.603
2491	24.90	1.812	1.643	1.247	0.786	0.379	0.080	-0.093	-0.136	-0.047	0.165

Table 7-38-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1986 1315-GR-1-14 U-D (U-D) ONNETTO BRIDGE MAX. ACC. = -72.269 (GAL) T= 5.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.445	0.687	0.754	0.537	0.020	-0.676	-1.317	-1.629	-1.415	-0.644
2511	25.10	0.507	1.702	2.558	2.782	2.274	1.162	-0.242	-1.554	-2.442	-2.723
2521	25.20	-2.404	-1.656	-0.747	0.052	0.544	0.654	0.433	0.029	-0.376	-0.614
2531	25.30	-0.602	-0.350	0.066	0.442	0.708	0.779	0.677	0.504	0.388	0.425
2541	25.40	0.629	0.914	1.127	1.119	0.810	0.243	-0.419	-0.942	-1.108	-0.799
2551	25.50	-0.051	0.959	1.919	2.570	2.700	2.261	1.369	0.246	-0.767	-1.487
2561	25.60	-1.780	-1.687	-1.382	-1.101	-0.858	-1.319	-1.834	-2.377	-2.657	-2.427
2571	25.70	-1.587	-0.252	1.268	2.553	3.212	3.011	1.959	0.303	-1.556	-3.192
2581	25.80	-4.278	-4.664	-4.381	-3.580	-2.452	-1.164	0.167	1.452	2.590	3.446
2591	25.90	3.873	3.764	3.116	2.072	0.890	-0.127	-0.747	-0.881	-0.613	-0.135
2601	26.00	0.351	0.735	1.039	1.383	1.892	2.586	3.336	3.894	4.008	3.555
2611	26.10	2.623	1.502	0.562	0.092	0.159	0.575	0.982	1.034	0.524	-0.613
2621	26.20	-1.446	-2.141	-2.172	-1.671	-0.858	1.057	2.055	2.480	2.324	1.797
2631	26.30	1.201	0.774	0.595	0.575	0.544	0.367	0.025	-0.371	-0.655	-0.705
2641	26.40	-0.526	-0.252	-0.105	-0.268	-0.806	-1.631	-2.530	-3.254	-3.606	-3.697
2651	26.50	-2.960	-2.115	-1.128	-0.169	0.609	1.084	1.185	0.916	0.380	-0.225
2661	26.60	-0.656	-0.712	-0.324	0.387	1.128	1.542	1.356	0.508	-0.798	-2.160
2671	26.70	-3.132	-3.407	-2.950	-2.012	-1.029	-0.437	-0.497	-1.194	-2.262	-3.299
2681	26.80	-3.939	-3.983	-3.454	-2.558	-1.578	-0.766	-0.284	-0.095	-0.194	-0.476
2691	26.90	-0.853	-1.271	-1.679	-2.017	-2.208	-2.172	-1.858	-1.274	-0.688	0.384
2701	27.00	1.217	1.903	2.378	2.618	2.622	2.402	1.977	1.376	0.652	-0.122
2711	27.10	-0.858	-1.475	-1.937	-2.246	-2.439	-2.560	-2.620	-2.588	-2.394	-1.963
2721	27.20	-1.271	-0.372	0.590	1.417	1.909	1.939	1.494	0.684	-0.282	-1.163
2731	27.30	-1.747	-1.908	-1.614	-0.936	0.000	1.041	2.041	2.874	3.439	3.655
2741	27.40	3.474	2.887	1.946	0.778	-0.428	-1.450	-2.092	-2.235	-1.888	-1.181
2751	27.50	-0.328	0.452	1.017	1.353	1.578	1.879	2.423	3.258	4.268	5.196
2761	27.60	5.730	5.608	4.827	3.484	1.937	0.589	-0.362	-0.917	0.117	0.947
2771	27.70	1.803	2.605	3.091	2.957	2.703	2.370	1.930	1.322	0.520	
2781	27.80	-0.413	-1.316	-1.983	-2.247	-2.066	-1.556	-0.960	-0.557	-0.547	-0.970
2791	27.90	-1.686	-2.420	-2.887	-2.889	-2.604	-1.593	-0.740	-0.147	-0.025	-0.415
2801	28.00	-1.175	-2.034	-2.685	-2.895	-2.589	-1.876	-1.008	-0.293	0.022	-0.155
2811	28.10	-0.726	-1.438	-1.980	-2.112	-1.758	-1.040	-0.223	0.393	0.608	0.397
2821	28.20	-0.082	-0.575	-0.847	-0.797	-0.489	-0.134	0.154	0.116	-0.093	-0.327
2831	28.30	0.101	0.465	1.144	1.688	1.898	1.725	1.291	0.830	0.579	
2841	28.40	0.670	1.084	1.674	2.254	2.686	2.937	3.059	3.138	3.217	3.264
2851	28.50	3.186	2.893	2.356	1.643	0.897	0.270	-0.133	-0.295	-0.272	-0.144
2861	28.60	0.038	0.266	0.566	0.934	1.325	1.628	1.729	1.575	1.222	0.831
2871	28.70	0.599	0.661	1.009	1.475	1.802	1.759	1.259	0.416	-0.497	-1.155
2881	28.80	-1.331	-0.981	-0.270	0.517	1.088	1.271	1.084	0.620	0.160	-0.119
2891	28.90	-0.120	0.140	0.555	0.984	1.301	1.427	1.333	1.037	0.599	0.110
2901	29.00	-0.320	-0.584	-0.614	-0.420	-0.098	0.191	0.273	0.037	-0.515	-1.250
2911	29.10	-1.949	-2.388	-2.417	-2.021	-1.314	-0.493	0.235	0.725	0.929	0.892
2921	29.20	0.717	0.516	0.375	0.335	0.394	0.507	0.607	0.616	0.454	0.086
2931	29.30	-0.481	-1.169	-1.844	-2.352	-2.570	-2.452	-2.059	-1.540	-1.085	-0.852
2941	29.40	-0.918	-1.251	-1.735	-2.213	-2.549	-2.667	-2.566	-2.303	-1.959	-1.616
2951	29.50	-1.336	-1.156	-1.096	-1.157	-1.321	-1.547	-1.771	-1.921	-1.942	-1.815
2961	29.60	-1.579	-1.317	-1.134	-1.113	-1.281	-1.597	-1.957	-2.239	-2.368	-2.254
2971	29.70	-2.011	-1.736	-1.573	-1.528	-1.929	-2.405	-2.901	-3.237	-3.275	-2.983
2981	29.80	-2.455	-1.895	-1.538	-1.566	-2.029	-2.822	-3.721	-4.471	-4.891	-4.945
2991	29.90	-4.766	-4.493	-4.365	-4.422	-4.564	-4.564	-4.170	-3.234	-1.792	-0.073

Table 7-39-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1987 1315-GR-1-14 HB. (HB.) ONNETTO BRIDGE MAX. ACC. = -216.088 (GAL) T= 5.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	9.374	15.915	21.725	26.010	28.062	27.525	24.605	20.100	15.215	11.213
11	0.10	9.021	8.968	10.727	13.503	16.345	18.487	19.556	19.614	19.047	18.365
21	0.20	18.004	18.201	18.948	20.037	21.135	21.893	22.036	21.441	20.150	18.341
31	0.30	16.228	13.961	11.543	8.854	5.765	2.317	-1.139	-3.921	-5.186	-4.240
41	0.40	-0.863	4.485	10.717	16.421	20.307	21.625	20.371	17.208	13.166	9.252
51	0.50	6.162	4.186	3.311	3.403	4.341	6.020	8.241	10.590	12.438	13.108
61	0.60	12.160	9.658	6.250	2.994	0.963	0.804	2.446	5.105	7.596	8.809
71	0.70	8.154	5.783	2.514	-0.499	-2.197	-1.977	0.122	3.463	7.007	9.608
81	0.80	10.308	8.587	4.521	-1.186	-7.317	-12.425	-15.229	-15.014	-11.900	-6.829
91	0.90	-1.271	3.298	5.918	6.460	5.591	4.413	3.924	4.575	6.098	7.691
101	1.00	8.438	7.741	5.573	2.434	-0.924	-3.825	-5.885	-7.010	-7.238	-6.558
111	1.10	-4.867	-2.094	1.579	5.560	8.913	10.657	10.184	7.577	3.645	-0.379
121	1.20	-3.345	-4.657	-4.466	-3.499	-2.626	-2.391	-2.777	-3.309	-3.436	-2.950
131	1.30	-2.197	-1.943	-2.954	-5.516	-9.176	-12.866	-15.236	-15.402	-13.140	-9.017
141	1.40	-4.074	0.642	4.653	7.150	8.820	9.538	9.163	7.374	3.949	-0.901
151	1.50	-6.362	-11.161	-14.002	-14.075	-11.409	-6.868	-1.693	2.833	6.014	7.754
161	1.60	8.372	8.215	7.362	5.585	2.608	-1.521	-6.182	-10.255	-12.525	-12.219
171	1.70	-9.410	-5.069	-0.596	2.586	3.759	3.024	1.115	-1.077	-2.973	-4.532
181	1.80	-6.105	-8.058	-10.397	-12.633	-14.000	-13.879	-12.200	-9.551	-6.927	-5.211
191	1.90	-4.699	-4.922	-4.887	-3.639	-0.830	2.998	6.594	8.552	7.976	4.896
201	2.00	0.263	-4.604	-8.450	-10.759	-11.737	-12.007	-12.080	-11.959	-11.092	-8.737
211	2.10	-4.526	1.106	6.878	11.094	12.355	10.207	5.399	-0.402	-5.303	-7.973
221	2.20	-8.148	-6.632	-4.812	-3.939	-4.538	-6.216	-7.926	-8.547	-7.453	-4.818
231	2.30	-1.499	1.382	2.966	3.009	1.908	0.440	-0.661	-1.035	-0.804	-0.423
241	2.40	-0.387	-0.952	-2.020	-3.234	-4.195	-4.688	-4.705	-4.783	-5.018	-5.673
251	2.50	-6.679	-7.755	-8.564	-8.882	-8.705	-8.209	-7.627	-7.084	-6.517	-5.707
261	2.60	-4.427	-2.627	-0.535	1.364	2.518	2.552	1.477	-0.253	-1.878	-2.624
271	2.70	-2.017	-0.098	2.573	5.124	6.715	6.862	5.605	3.455	1.150	-0.671
281	2.80	-1.716	-2.103	-2.225	-2.479	-3.019	-3.650	-3.912	-3.333	-1.691	0.820
291	2.90	3.634	6.027	7.422	7.618	6.845	5.622	4.497	3.800	3.534	3.444
301	3.00	3.220	2.702	1.986	1.369	1.160	1.486	2.183	2.863	3.099	2.654
311	3.10	1.617	0.376	-0.559	-0.789	-0.196	1.034	2.531	3.934	5.038	5.830
321	3.20	6.390	6.751	6.803	6.329	5.142	3.272	1.056	-0.926	-2.071	-2.023
331	3.30	-0.860	0.917	2.598	3.589	3.689	3.174	2.648	2.726	3.703	5.385
341	3.40	7.162	8.282	8.208	6.869	4.694	2.426	0.810	0.283	0.855	2.154
351	3.50	3.635	4.805	5.372	5.263	4.542	3.302	1.623	-0.400	-2.583	-4.606
361	3.60	-6.066	-6.609	-6.102	-4.732	-2.960	-1.346	-0.217	0.118	0.198	0.453
371	3.70	1.326	2.946	5.018	6.930	8.018	7.869	6.516	4.416	2.245	0.603
381	3.80	-0.221	-0.310	0.005	0.385	0.685	1.014	1.626	2.695	4.136	5.559
391	3.90	6.427	6.326	5.209	3.477	1.826	0.924	1.074	2.038	3.130	3.547
401	4.00	2.779	0.900	-1.619	-3.198	-3.600	-2.361	0.147	2.894	4.816	5.193
411	4.10	3.971	1.758	-0.503	-1.954	-2.215	-1.484	-0.358	0.523	0.824	0.665
421	4.20	0.508	0.859	1.943	3.537	5.046	5.787	5.320	3.676	1.358	-0.879
431	4.30	-2.344	-2.673	-1.924	-0.487	1.141	2.557	3.564	4.145	4.353	4.212
441	4.40	3.695	2.793	1.617	0.458	-0.268	-0.170	0.884	2.715	4.767	6.314
451	4.50	6.717	5.671	3.335	0.278	-2.722	-4.955	-6.014	-5.909	-5.013	-3.078
461	4.60	-3.003	-2.643	-2.734	-2.967	-2.973	-2.526	-1.689	-0.814	-0.380	-0.742
471	4.70	-1.909	-3.456	-4.652	-4.793	-3.562	-1.173	1.472	3.307	3.497	1.881
481	4.80	-0.886	-3.579	-4.939	-4.267	-1.767	1.526	4.232	5.271	4.360	2.093
491	4.90	-0.424	-2.191	-2.868	-2.825	-3.033	-4.252	-6.588	-9.298	-11.120	-10.981

Table 7-39-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1987 1315-GR-1-14 HB. (HB.) ONNETTO BRIDGE MAX. ACC. = -216.088 (GAL) T= 5.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-8.533	-4.612	-0.737	1.516	1.300	-1.094	-4.420	-7.135	-8.187	-7.497
511	5.10	-5.885	-4.509	-4.147	-4.764	-5.584	-5.646	-4.471	-2.438	-0.613	-0.120
521	5.20	-1.414	-3.911	-6.236	-6.975	-5.528	-2.547	0.318	1.287	-0.551	-1.659
531	5.30	-9.257	-12.227	-12.247	-9.514	-5.655	-2.854	-2.675	-5.242	-9.249	-12.799
541	5.40	-14.566	-14.606	-14.283	-15.312	-18.434	-22.530	-24.746	-21.731	-11.407	-5.612
551	5.50	25.758	43.623	54.008	53.978	43.998	27.552	9.870	-4.142	-11.331	-10.537
561	5.60	-2.122	12.906	31.750	59.633	89.090	119.004	144.525	159.579	158.532	137.995
571	5.70	98.107	42.758	-21.303	-86.000	-143.685	-187.191	-212.329	-216.088	-197.933	-160.135
581	5.80	-108.296	-51.280	-0.053	34.642	45.248	29.908	-6.529	-53.643	-98.469	-129.387
591	5.90	-139.455	-128.001	-99.995	-63.657	-27.393	2.733	24.148	37.442	45.050	49.760
601	6.00	53.705	58.074	63.370	69.774	77.308	85.697	94.181	101.389	105.860	106.416
611	6.10	102.745	95.520	86.007	75.394	64.184	52.035	38.188	22.254	6.942	-11.738
621	6.20	-24.079	-32.227	-32.269	-26.034	-16.153	-6.003	-0.525	0.536	-4.703	-14.490
631	6.30	-26.667	-39.124	-50.114	-59.901	-67.518	-73.353	-77.329	-79.117	-78.266	-74.312
641	6.40	-67.119	-56.728	-43.452	-27.875	-10.943	5.937	20.917	31.963	37.363	36.330
651	6.50	29.461	18.817	7.506	-1.110	-4.335	-0.845	9.040	23.576	40.170	56.042
661	6.60	68.780	76.645	78.678	74.690	65.266	51.749	36.172	21.004	8.684	1.015
671	6.70	-1.373	0.723	5.258	9.553	11.122	8.450	1.419	-8.751	-19.998	-30.141
681	6.80	-37.560	-41.598	-42.580	-41.504	-39.555	-37.643	-36.113	-34.693	-32.674	-29.233
691	6.90	-23.787	-16.272	-7.268	2.071	10.272	15.928	18.087	16.541	11.912	5.490
701	7.00	-1.110	-6.368	-9.218	-9.223	-6.553	-1.812	4.183	10.584	16.604	21.544
711	7.10	24.835	26.125	25.409	23.134	20.189	17.595	16.346	16.831	18.712	20.979
721	7.20	22.315	21.634	18.549	13.560	7.880	2.840	-0.496	-1.930	-2.081	-2.078
731	7.30	-3.038	-5.594	-9.687	-14.696	-19.804	-24.391	-28.229	-31.399	-33.984	-35.752
741	7.40	-36.018	-35.830	-28.396	-19.584	-8.233	3.908	14.599	21.790	24.231	21.853
751	7.50	15.738	7.743	-0.069	-5.982	-8.972	-8.806	-5.982	-1.061	4.782	10.775
761	7.60	16.242	20.725	23.912	25.628	25.759	24.224	20.949	16.006	9.493	1.908
771	7.70	-6.405	-14.278	-20.862	-25.329	-27.180	-26.370	-23.302	-18.692	-13.582	-8.035
781	7.80	-3.212	0.862	4.136	6.677	8.592	9.983	10.914	11.365	11.199	10.147
791	7.90	7.884	4.204	-0.749	-6.298	-11.212	-13.971	-13.220	-8.326	0.217	10.745
801	8.00	20.805	27.871	30.127	27.038	19.459	9.262	-1.352	-10.582	-17.494	-22.083
811	8.10	-24.960	-26.861	-28.222	-29.009	-28.833	-27.254	-24.086	-19.559	-14.272	-9.003
821	8.20	-4.492	-1.237	0.444	0.540	-0.900	-3.507	-7.022	-10.470	-13.147	-14.263
831	8.30	-13.347	-10.103	-5.912	-0.652	4.600	9.330	13.377	16.821	19.721	21.896
841	8.40	22.884	22.156	19.479	15.236	10.486	6.662	5.013	6.026	9.124	12.828
851	8.50	15.356	15.393	12.711	8.281	3.853	1.154	1.080	3.258	6.204	7.977
861	8.60	7.046	2.950	-3.548	-10.860	-17.311	-21.848	-24.382	-25.610	-26.469	-27.503
871	8.70	-28.510	-28.643	-26.905	-22.785	-16.675	-9.852	-4.003	-0.525	0.063	-1.686
881	8.80	-4.436	-6.882	-7.394	-6.368	-4.141	-1.544	0.842	3.043	5.463	9.386
891	8.90	14.620	20.906	27.023	31.389	32.726	30.651	25.899	20.068	14.977	11.942
901	9.00	11.248	12.302	13.636	13.954	12.508	9.389	5.378	1.482	-1.557	-3.569
911	9.10	-4.912	-6.156	-7.684	-9.432	-10.926	-11.588	-11.132	-9.821	-8.434	-7.913
921	9.20	-8.892	-11.315	-14.385	-16.868	-17.636	-16.176	-12.854	-8.543	-4.529	-1.543
931	9.30	0.380	1.889	3.880	6.898	10.698	14.218	16.006	14.935	10.859	6.877
941	9.40	-0.968	-4.157	-4.105	0.172	8.957	13.855	18.619	19.101	15.823	9.951
951	9.50	3.499	-0.760	-2.100	-0.246	3.737	8.178	11.658	12.643	11.570	8.841
961	9.60	5.416	2.239	-0.037	-1.127	-1.065	-0.101	1.389	2.929	3.986	4.043
971	9.70	2.749	0.076	-3.585	-7.485	-10.745	-12.679	-13.081	-12.320	-11.201	-10.624
981	9.80	-11.189	-12.941	-15.359	-17.601	-18.895	-18.871	-17.695	-15.942	-14.282	-13.154
991	9.90	-12.587	-12.246	-11.665	-10.524	-8.801	-6.713	-4.498	-2.154	0.667	4.519

Table 7-39-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1987 1315-GR-1-14 HB. (HB.) ONNETTO BRIDGE MAX. ACC. = -216.088 (GAL) T= 5.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	9.815	16.441	23.546	29.678	33.258	33.209	29.478	23.172	16.230	10.724
1011	10.10	8.086	8.577	11.235	14.318	16.040	15.275	11.952	6.971	1.738	-2.459
1021	10.20	-4.964	-5.823	-5.802	-5.782	-6.445	-8.014	-10.259	-12.686	-14.761	-16.174
1031	10.30	-16.681	-16.251	-14.905	-12.730	-9.935	-6.920	-4.252	-2.529	-2.169	-3.212
1041	10.40	-5.242	-7.616	-9.537	-10.533	-10.511	-9.720	-8.519	-7.117	-5.426	-3.151
1051	10.50	-0.061	3.809	7.826	11.066	12.676	12.556	9.808	6.596	3.778	2.364
1061	10.60	2.668	4.201	5.957	6.951	6.750	5.714	4.809	5.095	7.135	10.629
1071	10.70	14.471	17.217	17.722	15.661	11.658	6.985	2.968	0.409	-0.721	-1.167
1081	10.80	-1.956	-3.859	-6.996	-10.867	-14.559	-17.221	-18.411	-18.216	-17.105	-15.635
1091	10.90	-14.188	-12.880	-11.665	-10.532	-9.658	-9.377	-9.986	-11.474	-13.355	-14.722
1101	11.00	-14.545	-12.091	-7.288	-0.838	5.975	11.717	15.301	16.350	15.273	13.063
1111	11.10	10.899	9.732	10.005	11.583	13.878	16.093	17.474	17.509	16.020	13.102
1121	11.20	9.466	5.521	2.050	-0.382	-1.496	-1.380	-0.500	0.473	0.880	0.314
1131	11.30	-1.235	-3.395	-5.589	-7.292	-8.257	-8.604	-8.735	-9.114	-10.030	-11.448
1141	11.40	-13.033	-14.309	-14.891	-14.653	-13.751	-12.509	-11.219	-9.970	-8.606	-6.818
1151	11.50	-4.366	-1.151	2.485	6.047	8.969	10.853	11.618	11.507	10.965	10.447
1161	11.60	10.239	10.379	10.687	10.883	10.725	10.131	9.103	7.895	6.738	5.868
1171	11.70	5.449	5.510	6.069	6.825	7.469	7.587	6.786	4.828	1.747	-2.096
1181	11.80	-6.067	-9.422	-11.528	-12.074	-11.190	-9.408	-7.500	-6.222	-6.080	-7.175
1191	11.90	-9.190	-11.507	-13.399	-14.237	-13.644	-11.572	-8.291	-4.316	-0.295	3.122
1201	12.00	5.400	6.230	5.599	3.809	1.432	-0.816	-2.243	-2.358	-1.008	1.577
1211	12.10	4.864	8.084	10.637	12.078	12.331	11.859	10.547	9.522	8.968	9.010
1221	12.20	9.497	10.067	19.364	10.088	9.076	7.409	5.269	2.859	0.340	-2.185
1231	12.30	-4.628	-6.840	-8.571	-9.490	-9.290	-7.821	-5.214	-1.913	1.397	3.967
1241	12.40	5.181	4.730	2.620	-0.568	-4.398	-8.127	-11.128	-12.907	-13.447	-11.735
1251	12.50	-8.803	-4.765	-0.312	3.682	6.349	7.078	5.738	2.793	-0.613	-3.937
1261	12.60	-5.623	-5.442	-3.661	-1.032	1.342	2.630	2.510	1.299	-0.206	-1.075
1271	12.70	-0.640	1.242	4.159	7.335	9.951	11.444	11.663	10.831	9.362	7.643
1281	12.80	5.880	4.082	2.166	0.099	-1.998	-3.855	-5.155	-5.679	-5.410	-4.546
1291	12.90	-3.415	-2.348	-1.566	-1.151	-1.093	-1.378	-2.051	-3.193	-4.830	-6.814
1301	13.00	-8.763	-10.112	-10.288	-8.942	-6.140	-2.406	1.416	4.461	6.055	6.122
1311	13.10	5.007	3.385	1.947	1.106	0.861	0.864	0.648	-0.075	-1.215	-2.289
1321	13.20	-2.604	-1.578	0.965	4.646	8.609	11.796	13.321	12.775	10.363	6.805
1331	13.30	3.062	-0.008	-1.925	-2.688	-2.690	-2.493	-2.566	-3.106	-3.992	-4.882
1341	13.40	-5.389	-5.257	-4.450	-3.141	-1.611	-0.120	1.183	2.272	3.182	3.921
1351	13.50	4.398	4.423	3.776	2.307	0.056	-2.736	-5.661	-8.251	-10.103	-10.977
1361	13.60	-10.831	-9.795	-8.119	-6.113	-4.114	-2.456	-1.440	-1.276	-2.002	-3.421
1371	13.70	-5.087	-6.391	-6.735	-5.744	-3.429	-0.218	3.168	5.966	7.657	8.150
1381	13.80	7.792	7.202	6.987	7.483	8.630	10.036	11.188	11.705	11.502	10.783
1391	13.90	9.885	9.037	8.200	7.052	5.159	2.236	-1.630	-5.920	-9.831	-12.586
1401	14.00	-13.760	-13.668	-12.325	-11.187	-10.786	-11.420	-12.869	-14.423	-15.403	-15.301
1411	14.10	-14.095	-12.217	-10.331	-8.998	-8.405	-8.272	-7.985	-6.902	-4.661	-1.378
1421	14.20	2.385	5.850	8.350	9.611	9.853	9.667	9.737	10.522	12.048	13.900
1431	14.30	15.407	15.931	15.140	13.123	10.331	7.366	4.727	2.633	0.998	-0.451
1441	14.40	-1.977	-3.663	-5.369	-6.704	-7.387	-7.218	-6.284	-4.827	-3.325	-2.152
1451	14.50	-1.569	-1.676	-2.450	-3.804	-5.630	-7.777	-10.014	-11.994	-13.291	-13.507
1461	14.60	-12.417	-10.085	-6.884	-3.392	-0.207	2.253	3.853	4.720	5.108	5.224
1471	14.70	5.115	4.684	3.815	2.539	1.133	0.080	-0.119	0.805	2.711	5.035
1481	14.80	6.993	7.900	7.487	6.045	4.327	3.235	3.428	5.025	7.538	10.070
1491	14.90	11.688	11.801	10.388	7.973	5.382	3.395	2.446	2.515	3.209	3.999

Table 7-39-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1987 1315-GR-1-14 HB. (HB.) ONNETTO BRIDGE MAX. ACC. = -216.088 (GAL) T= 5.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	4.473	4.496	4.209	3.900	3.817	4.026	4.372	4.551	4.244	3.244
1511	15.10	1.526	-0.759	-3.337	-5.681	-8.061	-9.589	-10.248	-9.944	-8.765	-7.009
1521	15.20	-5.162	-3.778	-3.309	-3.921	-5.402	-7.207	-8.654	-9.197	-8.657	-7.311
1531	15.30	-5.770	-4.692	-4.452	-4.925	-5.475	-5.219	-3.405	0.210	5.164	10.397
1541	15.40	14.599	16.890	18.221	13.539	9.867	5.816	3.122	2.086	2.559	3.874
1551	15.50	5.195	5.876	5.706	4.932	4.071	3.622	3.809	4.488	5.116	5.166
1561	15.60	4.181	2.053	-0.951	-4.300	-7.386	-9.723	-11.072	-11.449	-11.054	-10.157
1571	15.70	-9.004	-7.777	-6.611	-5.619	-4.914	-4.583	-4.636	-4.962	-5.330	-5.448
1581	15.80	-5.070	-4.108	-2.674	-1.048	0.450	1.595	2.367	2.940	3.583	4.486
1591	15.90	5.623	6.724	7.378	7.243	6.253	4.719	3.256	2.545	3.031	4.693
1601	16.00	7.003	9.107	10.165	9.703	7.811	5.118	2.525	0.834	0.427	1.130
1611	16.10	2.316	3.169	3.102	1.787	-0.603	-3.614	-6.707	-9.116	-11.445	-12.630
1621	16.20	-12.867	-12.074	-10.239	-7.519	-4.326	-1.704	0.830	1.553	0.775	-1.052
1631	16.30	-3.031	-4.280	-4.020	-2.162	0.772	3.867	6.162	7.056	6.534	5.130
1641	16.40	3.656	2.840	3.026	4.068	5.447	6.537	6.878	6.363	5.133	3.647
1651	16.50	2.291	1.337	0.879	0.865	1.175	1.661	2.152	2.431	2.235	1.321
1661	16.60	-0.424	-2.864	-5.575	-7.928	-9.290	-9.266	-7.879	-5.600	-3.188	-1.610
1671	16.70	-0.753	-1.242	-2.462	-3.753	-4.501	-4.395	-3.544	-2.400	-1.538	-1.386
1681	16.80	-2.081	-3.163	-4.204	-4.559	-3.770	-1.890	0.694	3.293	5.177	5.830
1691	16.90	5.137	3.428	1.301	-0.323	-1.075	-0.744	0.356	1.575	2.193	1.730
1701	17.00	0.177	-1.961	-3.833	-4.573	-3.661	-1.169	2.218	5.420	7.347	7.292
1711	17.10	5.176	1.566	-2.556	-6.136	-8.410	-9.106	-8.441	-6.955	-5.247	-3.755
1721	17.20	-2.647	-1.849	-1.163	-0.417	0.438	1.308	2.010	2.352	2.212	1.583
1731	17.30	0.571	-0.624	-1.758	-2.585	-2.916	-2.660	-1.855	-0.859	0.694	1.988
1741	17.40	3.105	4.076	5.054	6.207	7.590	9.030	10.133	10.390	9.398	7.067
1751	17.50	3.751	0.191	-2.698	-4.127	-3.757	-1.809	0.985	3.637	5.243	5.282
1761	17.60	3.766	1.184	-1.700	-4.133	-5.600	-5.946	-5.352	-4.216	-2.980	-2.047
1771	17.70	-1.620	-1.773	-2.137	-3.434	-4.515	-5.396	-5.813	-5.588	-4.697	-3.513
1781	17.80	-1.781	-0.534	0.069	-0.224	-1.269	-2.733	-4.098	-4.831	-4.579	-3.254
1791	17.90	-1.067	1.557	4.112	6.182	7.439	7.873	7.560	6.880	5.421	3.933
1801	18.00	2.320	0.664	-0.940	-2.376	-3.521	-4.288	-4.660	-4.706	-4.552	-4.324
1811	18.10	-4.084	-3.792	-3.329	-2.563	-1.668	-0.104	1.176	2.034	2.078	1.250
1821	18.20	-0.277	-1.361	-3.361	-5.148	-6.952	-8.188	-8.876	-8.376	-7.752	-6.411
1831	18.30	2.119	0.566	-0.409	-0.172	1.415	3.894	6.347	7.733	7.295	6.078
1841	18.40	1.022	-3.198	-6.532	-8.011	-7.231	-4.517	-0.782	2.900	5.485	6.470
1851	18.50	5.912	4.358	2.584	1.286	0.839	1.185	1.918	2.479	2.396	1.474
1861	18.60	-0.131	-1.977	-3.501	-4.228	-3.939	-2.769	-1.062	0.563	1.606	1.751
1871	18.70	0.987	-0.401	-1.950	-3.155	-3.682	-3.363	-2.816	-1.177	-0.065	0.575
1881	18.80	0.575	-0.026	-1.021	-2.167	-3.040	-3.580	-3.830	-3.160	-2.197	-0.802
1891	18.90	0.925	2.821	4.656	6.154	7.051	7.189	6.591	5.483	4.249	3.306
1901	19.00	2.952	3.251	3.996	4.781	5.156	4.814	3.720	2.134	0.520	-0.635
1911	19.10	-1.006	-0.553	0.468	1.609	2.396	2.488	1.773	0.359	-1.499	-3.513
1921	19.20	-5.465	-7.142	-8.505	-9.451	-9.876	-9.672	-8.780	-7.255	-5.308	-3.278
1931	19.30	-1.559	-0.471	-0.158	-0.525	-1.258	-1.915	-2.066	-1.427	0.043	2.115
1941	19.40	4.357	6.251	7.360	7.469	6.665	5.331	4.011	3.224	3.270	4.107
1951	19.50	5.367	6.504	7.033	6.743	5.798	4.650	3.860	3.724	4.178	4.750
1961	19.60	4.775	3.722	1.488	-1.499	-4.617	-6.401	-6.923	-6.041	-4.362	-2.759
1971	19.70	-1.947	-2.142	-2.965	-3.641	-3.402	-1.889	0.449	3.450	5.589	6.412
1981	19.80	5.824	4.311	2.683	1.680	1.634	2.356	3.289	3.822	3.611	2.721
1991	19.90	1.555	0.602	0.194	0.312	0.679	0.920	0.789	0.273	-0.445	-1.154

Table 7-39-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1987 1315-GR-1-14 HB. (HB.) ONNETTO BRIDGE MAX. ACC. = -216.088 (GAL) T= 5.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-1.778	-2.440	-3.359	-4.655	-6.173	-7.449	-7.873	-6.979	-4.524	-1.404
2011	20.10	1.489	3.597	4.099	2.976	0.831	-1.356	-2.629	-2.422	-0.751	1.847
2021	20.20	4.567	6.660	7.681	7.565	6.543	4.969	3.156	1.302	-0.498	-2.178
2031	20.30	-3.659	-4.792	-5.509	-5.794	-5.749	-5.558	-5.393	-5.321	-5.261	-5.022
2041	20.40	-4.401	-3.310	-1.861	-0.365	0.758	1.126	0.543	-0.915	-2.899	-4.883
2051	20.50	-6.324	-6.829	-6.278	-4.869	-3.048	-1.369	-0.298	-0.043	-0.473	-1.155
2061	20.60	-1.510	-1.043	0.443	2.738	5.269	7.264	8.065	7.324	5.154	2.982
2071	20.70	-1.132	-3.745	-5.246	-5.464	-4.550	-2.869	-0.662	1.059	2.557	3.375
2081	20.80	3.337	2.378	0.588	-1.751	-4.184	-6.190	-7.338	-7.448	-6.656	-5.362
2091	20.90	-4.056	-3.104	-2.592	-2.314	-1.903	-1.066	0.223	1.656	2.700	2.853
2101	21.00	1.906	0.101	-1.923	-3.372	-3.631	-2.538	-0.478	1.771	3.349	3.665
2111	21.10	2.631	0.679	-1.444	-2.990	-3.505	-2.982	-1.800	-0.529	0.338	0.566
2121	21.20	0.236	-0.356	-0.888	-1.075	-0.942	-0.596	-0.224	0.032	0.135	0.135
2131	21.30	0.096	0.031	-0.123	-0.468	-1.066	-1.862	-2.672	-3.232	-3.311	-2.816
2141	21.40	-1.852	-0.698	0.300	0.858	0.870	0.438	-0.176	-0.662	-0.785	-0.467
2151	21.50	0.203	1.026	1.781	2.315	2.581	2.626	2.545	2.414	2.264	2.075
2161	21.60	1.814	1.479	1.124	0.852	0.778	0.977	1.446	2.092	2.767	3.401
2171	21.70	3.868	4.206	4.496	4.824	5.242	5.715	6.157	6.421	6.464	6.291
2181	21.80	6.002	5.727	5.562	5.505	5.452	5.242	4.733	3.876	2.734	1.450
2191	21.90	0.167	-1.043	-2.204	-3.394	-4.651	-5.896	-6.913	-7.418	-7.189	-6.203
2201	22.00	-4.686	-3.058	-1.765	-1.087	-1.009	-1.236	-1.334	-0.961	-0.046	1.160
2211	22.10	2.198	2.632	2.275	1.303	0.194	-0.495	-0.381	0.563	1.999	3.378
2221	22.20	4.191	4.177	3.405	2.189	0.902	-0.199	-1.071	-1.834	-2.660	-3.541
2231	22.30	-4.427	-5.084	-5.319	-5.079	-4.489	-3.783	-3.175	-2.751	-2.442	-2.110
2241	22.40	-1.679	-1.234	-1.016	-1.289	-2.159	-3.447	-4.496	-5.352	-5.915	-6.062
2251	22.50	-1.700	0.191	1.353	1.458	0.666	-0.442	-1.122	-0.814	0.621	2.844
2261	22.60	5.220	7.096	8.074	8.118	7.485	6.524	5.478	4.388	3.161	1.731
2271	22.70	0.214	-1.048	-1.605	-1.118	0.427	2.642	4.838	6.288	6.520	5.516
2281	22.80	3.710	1.759	0.448	0.020	0.452	1.320	2.046	2.159	1.479	0.170
2291	22.90	-1.352	-2.598	-3.191	-2.986	-2.095	-0.827	0.428	1.308	1.579	1.177
2301	23.00	0.225	-1.010	-2.172	-2.913	-2.976	-2.272	-0.902	0.875	2.717	4.299
2311	23.10	5.388	5.884	5.800	5.224	4.279	3.101	1.851	0.721	-0.076	-0.364
2321	23.20	-0.082	0.652	1.535	2.163	2.179	1.439	0.098	-1.403	-2.501	-2.727
2331	23.30	-1.906	-0.258	1.698	3.323	4.115	3.901	2.884	1.539	0.399	-0.158
2341	23.40	-0.042	0.561	1.214	1.597	1.461	0.791	-0.260	-1.364	-2.316	-2.912
2351	23.50	-3.065	-2.773	-2.094	-1.136	-0.061	0.911	1.526	1.569	0.862	-0.577
2361	23.60	-2.512	-4.633	-6.559	-7.961	-8.632	-8.505	-7.633	-6.135	-4.170	-1.931
2371	23.70	0.334	2.310	3.637	3.985	3.161	1.204	-1.575	-4.649	-7.402	-9.290
2381	23.80	-9.989	-9.459	-7.927	-5.795	-3.524	-1.533	-0.130	0.516	0.391	-0.366
2391	23.90	-1.468	-2.520	-3.104	-2.906	-1.868	-0.168	1.611	2.837	2.960	1.772
2401	24.00	-0.479	-3.144	-5.405	-6.597	-6.481	-5.352	-3.914	-2.977	-3.097	-4.323
2411	24.10	-6.159	-7.772	-8.345	-7.433	-5.159	-2.162	0.661	2.525	3.049	2.376
2421	24.20	1.067	-0.173	-0.783	-0.552	0.364	1.580	2.704	3.518	4.043	4.449
2431	24.30	4.997	5.696	6.439	6.958	6.988	6.414	5.368	4.092	3.011	2.363
2441	24.40	2.182	2.259	2.242	1.793	0.746	-0.811	-2.561	-4.078	-4.987	-5.097
2451	24.50	-4.461	-3.345	-2.126	-1.156	-0.672	-0.726	-1.201	-1.866	-2.458	-2.751
2461	24.60	-2.612	-2.018	-1.053	0.129	1.363	2.423	3.259	3.812	4.105	4.194
2471	24.70	4.121	3.889	3.454	2.760	1.794	0.642	-0.489	-1.302	-1.505	-0.927
2481	24.80	0.382	2.111	3.751	4.741	4.651	3.344	1.046	-1.716	-4.261	-5.999
2491	24.90	-6.596	-6.083	-4.813	-3.324	-2.129	-1.548	-1.618	-2.118	-2.680	-2.947

Table 7-39-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1987 1315-GR-1-14 HB. (HB.) ONNETTO BRIDGE MAX. ACC. = -216.088 (GAL) T= 5.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-2.696	-1.898	-0.702	0.648	1.904	2.879	3.477	3.678	3.508	3.018
2511	25.10	2.276	1.383	0.480	-0.244	-0.686	-0.682	-0.256	0.470	1.285	1.956
2521	25.20	2.309	2.291	1.985	1.573	1.262	1.201	1.426	1.850	2.312	2.648
2531	25.30	2.727	2.742	2.705	2.685	3.466	4.500	5.864	7.269	8.345	8.765
2541	25.40	8.366	9.225	9.615	9.066	8.006	6.406	4.560	3.025	3.417	3.299
2551	25.50	2.455	0.973	-0.760	-2.194	-2.809	-3.220	-3.786	-4.194	-4.610	-5.238
2561	25.60	5.838	5.270	3.708	1.547	-0.746	-2.773	-4.291	-5.229	-5.638	-5.621
2571	25.70	-5.275	-4.668	-3.848	-2.872	-1.819	-0.792	0.115	0.835	1.347	1.661
2581	25.80	1.795	1.755	1.525	1.098	0.504	-0.165	-0.763	-1.137	-1.190	-0.927
2591	25.90	-0.464	0.021	0.373	0.540	0.605	0.748	1.146	1.862	2.778	3.596
2601	26.00	3.962	3.597	2.438	0.495	-1.197	-2.723	-3.665	-3.193	-2.018	-0.248
2611	26.10	1.666	3.271	4.216	4.504	3.510	1.964	-0.071	-2.237	-4.138	-5.426
2621	26.20	-5.900	-5.580	-4.725	-3.752	-3.083	-2.976	-3.407	-4.084	-4.579	-4.643
2631	26.30	-3.884	-2.837	-1.855	-1.185	-1.027	-2.400	-3.199	-3.422	-2.674	-0.995
2641	26.40	1.118	2.878	3.566	2.849	0.949	-1.433	-3.402	-4.238	-3.686	-2.041
2651	26.50	-0.003	1.621	2.226	1.612	-0.002	-2.114	-4.152	-5.654	-6.365	-6.223
2661	26.60	-5.304	-3.767	-1.810	0.231	2.082	3.388	3.903	3.575	2.589	1.326
2671	26.70	0.234	-0.391	-0.437	-0.102	0.262	0.314	-0.105	-0.889	-1.717	-2.203
2681	26.80	-2.075	-1.299	-0.081	1.229	2.298	2.939	3.161	3.118	2.996	2.908
2691	26.90	2.819	2.622	2.178	1.435	0.470	-0.527	-1.335	-1.793	-1.868	-1.661
2701	27.00	-1.354	-1.132	-1.112	-1.307	-1.619	-2.033	-2.377	-2.652	-2.912	-3.221
2711	27.10	-3.660	-4.269	-5.027	-5.853	-6.619	-7.169	-7.357	-7.070	-6.266	-5.000
2721	27.20	-3.431	-1.808	-0.419	0.478	0.732	0.361	-0.444	-1.359	-2.033	-2.193
2731	27.30	-1.750	-0.824	0.287	1.224	1.688	1.558	0.926	0.084	-0.689	-1.051
2741	27.40	-0.897	-0.292	0.559	1.401	2.061	2.413	2.583	2.700	2.911	3.297
2751	27.50	3.830	4.195	4.438	5.008	4.636	4.308	3.135	2.129	1.274	0.119
2761	27.60	-0.926	-1.760	-2.297	-2.481	-2.307	-1.823	-1.135	-0.385	0.270	0.685
2771	27.70	0.757	0.452	-0.180	-1.000	-1.801	-2.359	-2.496	-2.141	-1.379	-0.414
2781	27.80	0.494	1.136	1.436	1.496	1.535	1.779	2.343	3.163	3.918	4.332
2791	27.90	4.151	3.267	1.943	0.538	-0.548	-1.654	-0.957	-0.452	0.160	0.631
2801	28.00	0.878	1.004	1.230	1.257	2.575	3.608	4.519	5.225	5.397	5.113
2811	28.10	4.529	3.848	3.220	2.690	2.250	1.762	1.334	1.054	1.096	1.587
2821	28.20	2.512	3.666	4.686	5.191	4.918	3.821	2.139	0.587	-1.271	-2.165
2831	28.30	-2.235	-1.547	-0.349	1.031	2.282	3.182	3.623	3.592	3.144	2.268
2841	28.40	1.365	0.262	-0.809	-1.704	-2.293	-2.483	-2.244	-1.627	-0.758	0.186
2851	28.50	1.009	1.544	1.683	1.399	0.751	-0.129	-1.059	-1.841	-2.290	-2.275
2861	28.60	-1.749	-0.775	0.468	1.708	2.637	2.998	2.663	1.701	0.368	-0.958
2871	28.70	-1.896	-2.201	-1.851	-1.059	-0.189	0.389	0.641	-0.038	-0.837	-1.631
2881	28.80	-2.128	-2.151	-1.901	-1.449	-1.168	-1.161	-1.461	-1.909	-2.263	-2.310
2891	28.90	-1.952	-1.227	-0.276	0.736	1.688	2.527	3.248	3.846	4.276	4.447
2901	29.00	4.265	3.686	2.770	1.382	0.658	-0.068	-0.344	-0.148	0.409	1.100
2911	29.10	1.660	1.848	1.516	0.653	-0.601	-1.979	-3.169	-3.814	-3.811	-3.186
2921	29.20	-2.203	-1.263	-0.765	-0.944	-1.768	-2.924	-3.956	-4.440	-4.181	-3.307
2931	29.30	-2.223	-1.434	-1.315	-1.934	-3.011	-4.042	-4.524	-4.187	-3.117	-1.714
2941	29.40	-0.499	0.174	0.097	-0.362	-0.742	-0.632	0.168	1.491	2.875	3.771
2951	29.50	3.794	2.895	1.387	-0.208	-1.384	-1.877	-1.759	-1.378	-1.179	-1.681
2961	29.60	-2.340	-3.533	-4.685	-5.451	-5.672	-5.525	-4.948	-4.498	-4.205	-4.022
2971	29.70	-3.780	-3.321	-2.635	-1.909	-1.465	-1.590	-2.383	-3.641	-4.924	-5.724
2981	29.80	-5.702	-4.853	-3.535	-2.320	-1.748	-2.083	-3.188	-4.586	-5.670	-5.968
2991	29.90	-5.347	-4.047	-2.554	-1.360	-0.746	-0.668	-0.814	-0.777	-0.270	0.739

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謝　辞

本資料に収録された強震記録は，付録－１強震観測網の現状において掲げる機関・事務所等で管理している強震計で得られたものであり，多忙な業務の合間を縫い観測に協力された諸機関の観測担当者の努力の成果である。ここに観測に携わった方々の地道な努力に敬意を表します。

付録－1　強震観測網の現況

平成4年3月31日現在，建設省が所掌する公共土木施設において実施されている強震観測箇所は，総数352箇所である。設置対象は，橋梁，沈埋トンネル等の道路施設，堤防，堰等の河川施設，ダム施設，下水施設であり，設置されている強震計は大別してSMAC型強震計，電磁式強震計及び普及型強震計である。Table A 1－1～Table A 1－4には，施設別，強震計型式別，設置機関別の設置箇所数，台数を示す。またFigure A 1－1～Figure A 1－8には，施設別，強震計型式別の設置位置を示す。さらに，Table A 1－5～TableA 1－7には，強震計型式別の観測所概要を示す。

Table A 1－1　公共土木施設への強震計設置状況

平成4年3月31日現在

対象施設	箇所数	強震計型式		
		SMAC型 箇所数（台数）	電磁式 箇所数（成分数）	普及型 箇所数（台数）
道路施設（橋梁，沈埋トンネル，橋梁建設予定地点）	176	126 (251)	30 (389)	20 (108)
河川施設（堤防，堰，水門）	49	25 (51)	6 (40)	18 (43)
ダム施設	121	25 (54)	55 (508)	41 (102)
下水道施設（管渠，処理場）	6	6 (13)	0 (0)	0 (0)
合計	352	182 (369)	91 (937)	79 (253)

Table A 1－2　道路施設への強震計設置状況（機関別）

平成4年3月31日現在

設置機関	箇所数	強震計型式		
		SMAC型 箇所数（台数）	電磁式 箇所数（成分数）	普及型 箇所数（台数）
建設省	41	27 (55)	8 (93)	6 (27)
北海道開発局	26	20 (42)	5 (33)	1 (2)
沖縄総合事務局	0	0 (0)	0 (0)	0 (0)
日本道路公団	31	16 (30)	7 (132)	8 (30)
首都高速道路公団	14	10 (24)	2 (18)	2 (38)
阪神高速道路公団	3	2 (4)	1 (12)	0 (0)
本州四国連絡橋公団	12	7 (7)	5 (85)	0 (0)
都道府県	49	44 (89)	2 (16)	3 (11)
合計	176	126 (251)	30 (389)	20 (108)

Table A 1－3　河川施設への強震計設置状況（機関別）

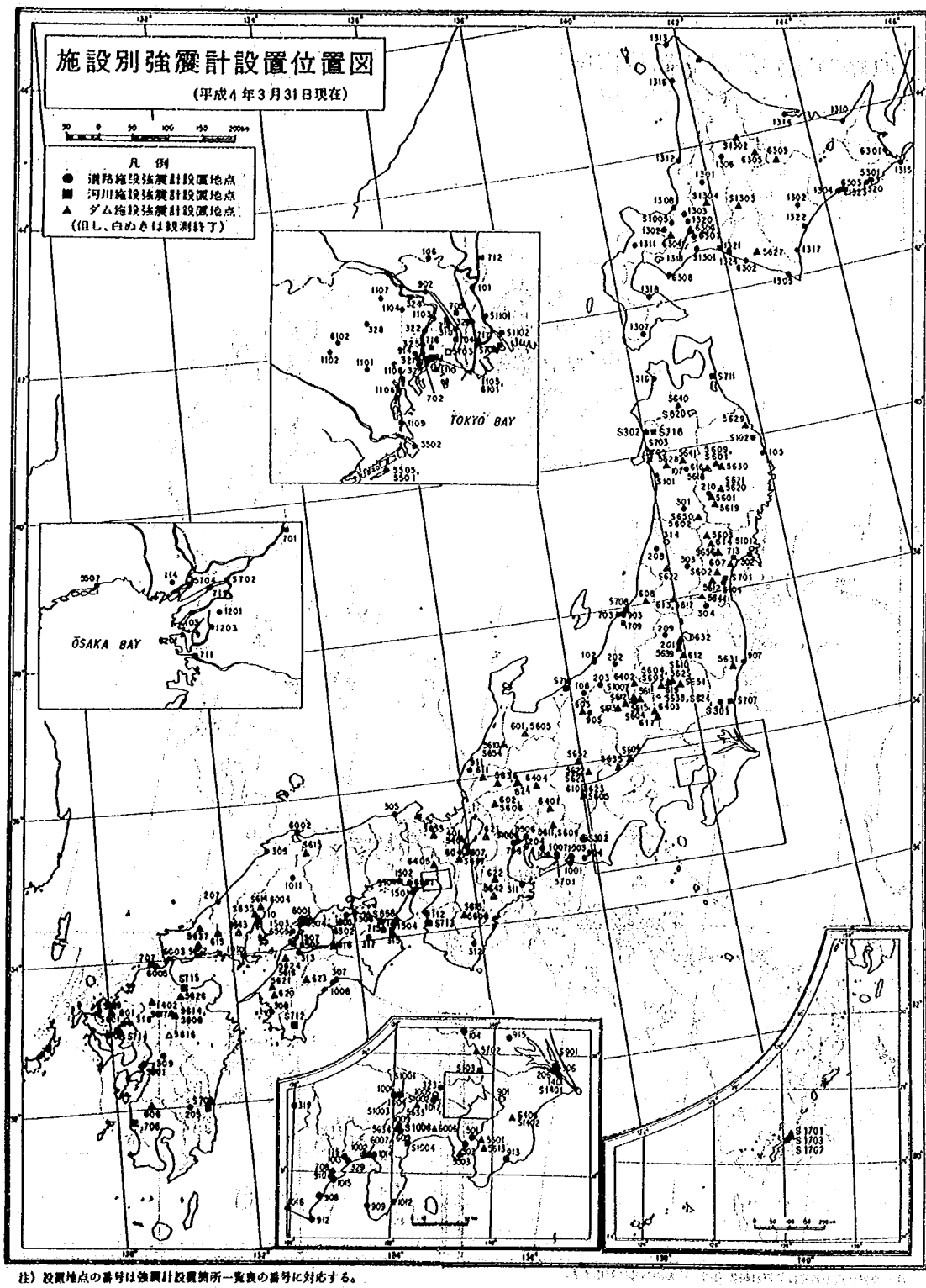
平成4年3月31日現在

設置機関	箇所数	強震計型式		
		SMAC型 箇所数（台数）	電磁式 箇所数（成分数）	普及型 箇所数（台数）
建設省	35	14（29）	5（31）	16（39）
北海道開発局	4	4（8）	0（0）	0（0）
水資源開発公団	2	1（2）	0（0）	1（2）
都道府県	8	6（12）	1（9）	1（2）
合計	49	25（51）	6（40）	18（43）

Table A 1－4　ダム施設への強震計設置状況（機関別）

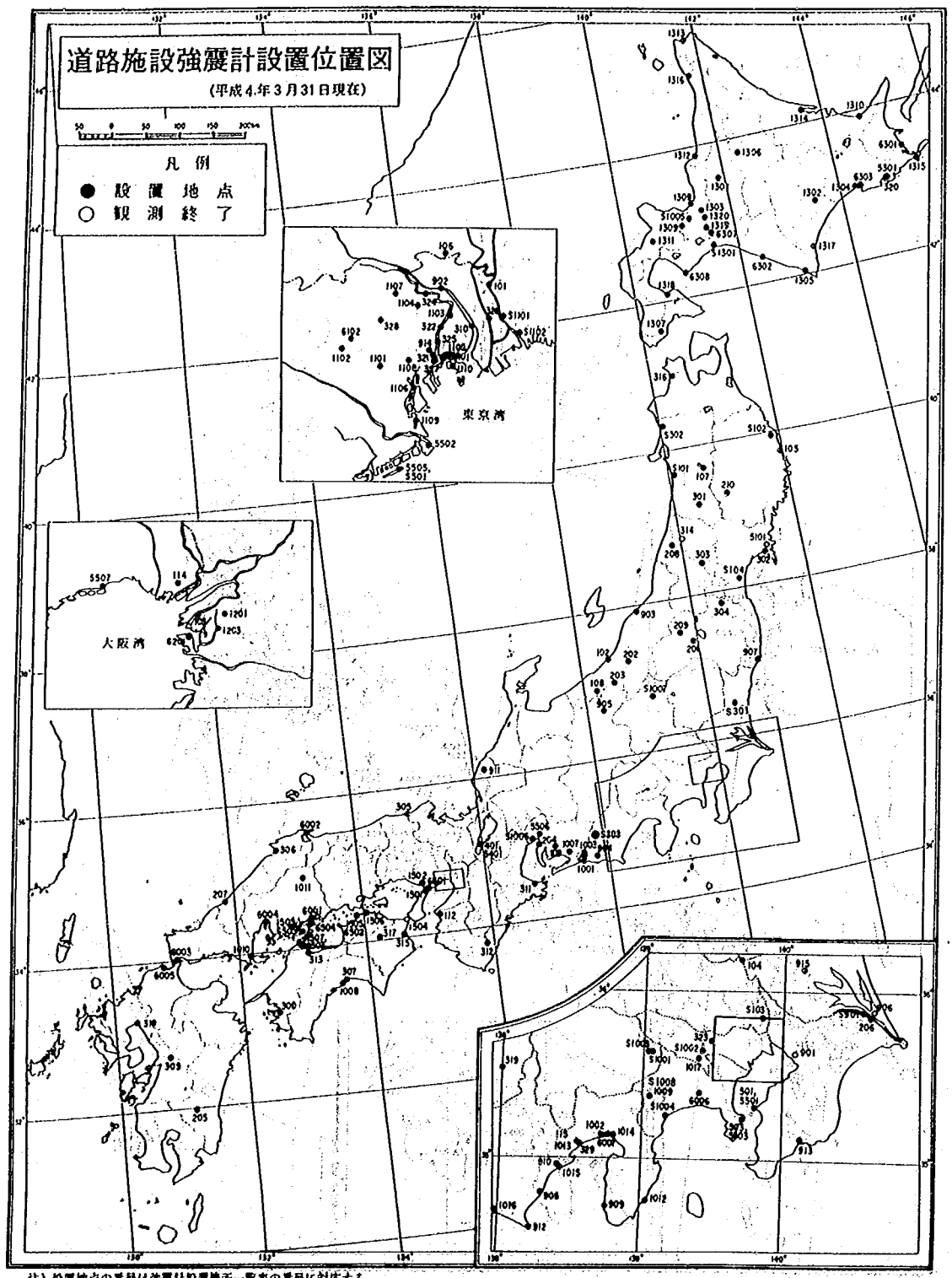
平成4年3月31日現在

設置機関	箇所数	強震計型式		
		SMAC型 箇所数（台数）	電磁式 箇所数（成分数）	普及型 箇所数（台数）
建設省	69	15（33）	30（271）	24（66）
北海道開発局	7	0（0）	4（43）	3（3）
沖縄総合事務局	3	0（0）	0（0）	3（5）
水資源開発公団	8	1（2）	6（70）	1（3）
都道府県	34	9（19）	15（124）	10（25）
合計	121	25（54）	55（508）	41（102）



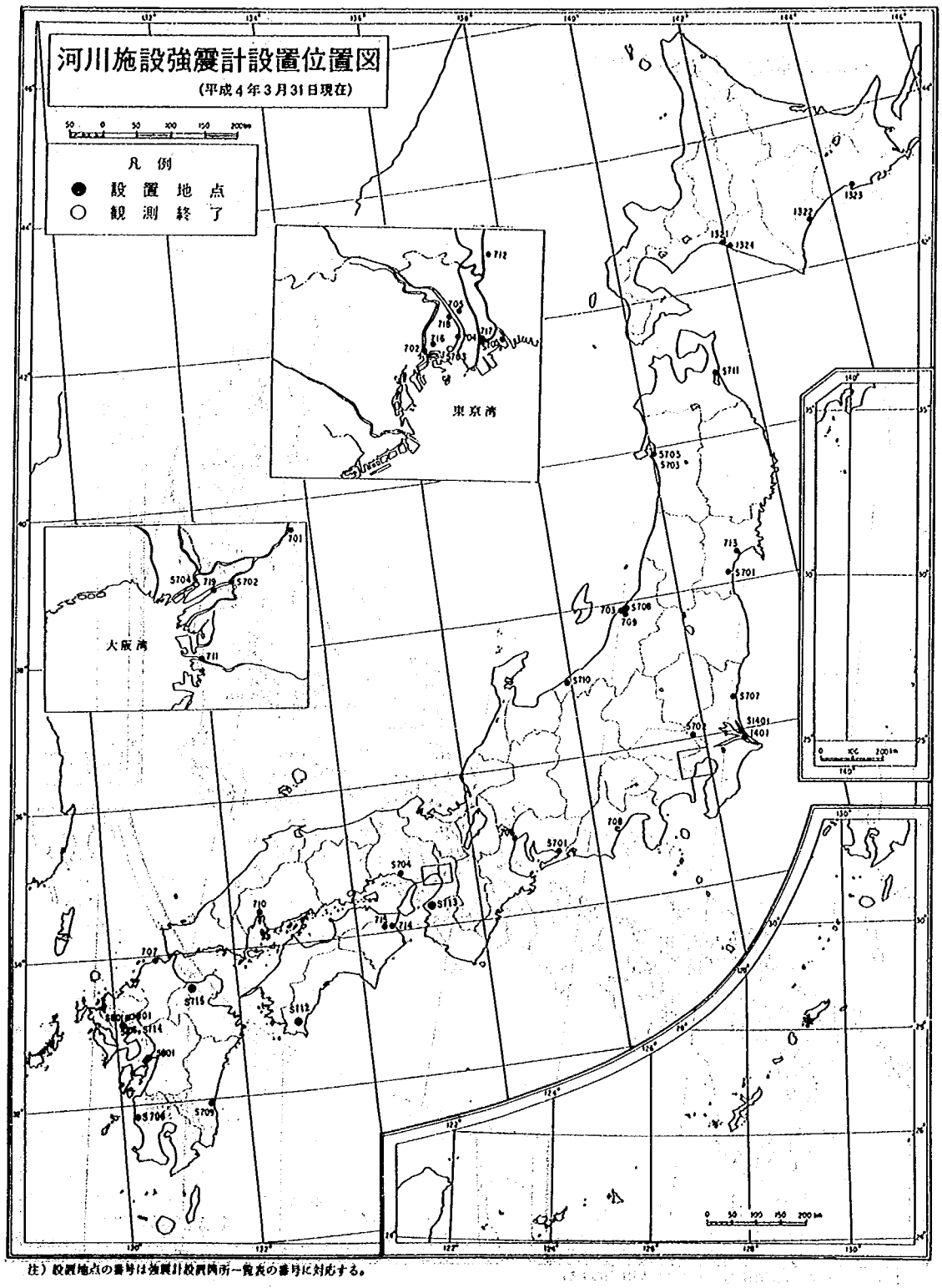
注) 設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1-1 施設別強震計設置位置図 (平成4年3月31日現在)



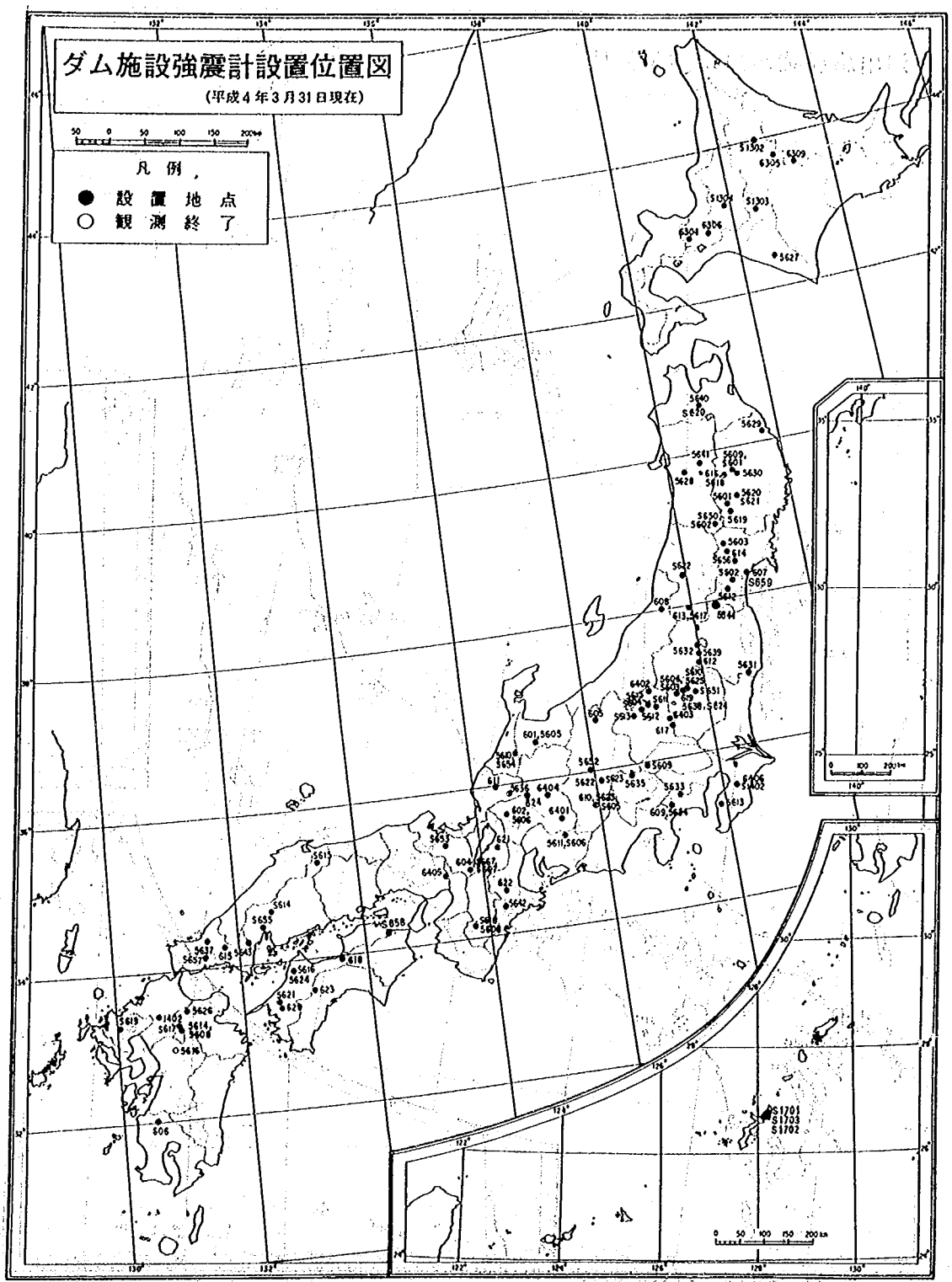
注) 設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1-2 道路施設強震計設置位置図 (平成4年3月31日現在)



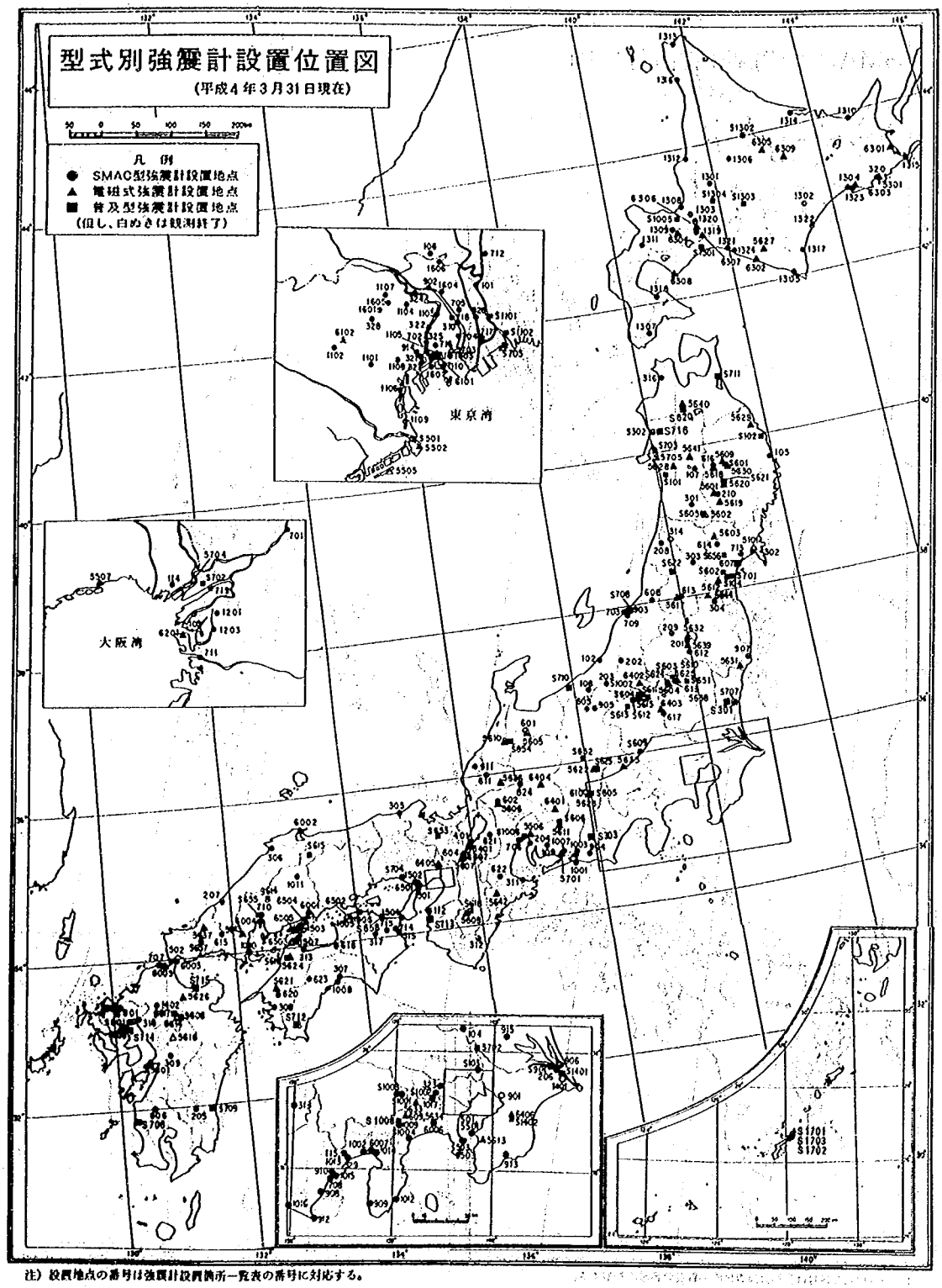
注) 設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1-3 河川施設強震計設置位置図 (平成4年3月31日現在)



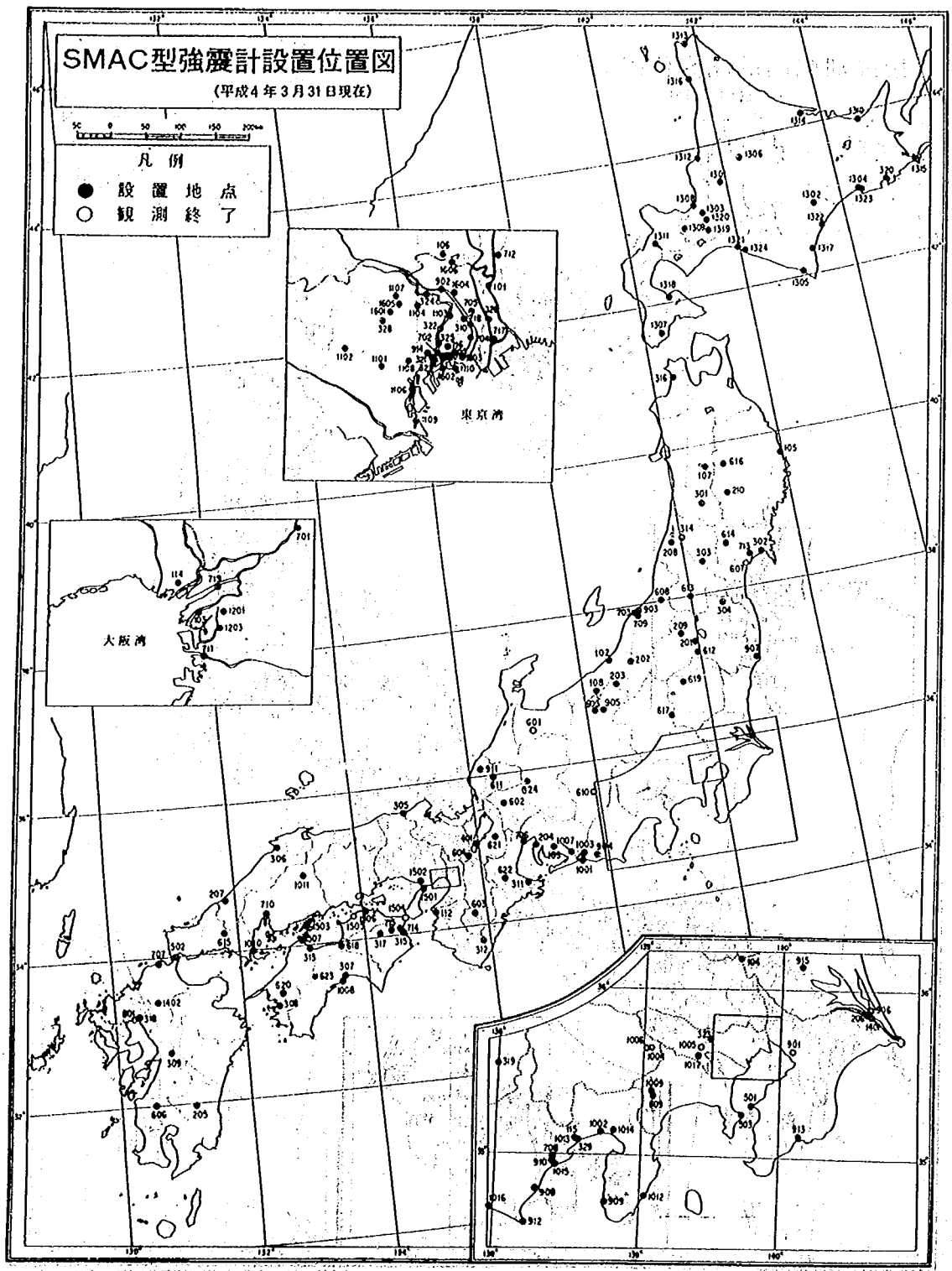
注) 設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1−4 ダム施設強震計設置位置図 (平成4年3月31日現在)



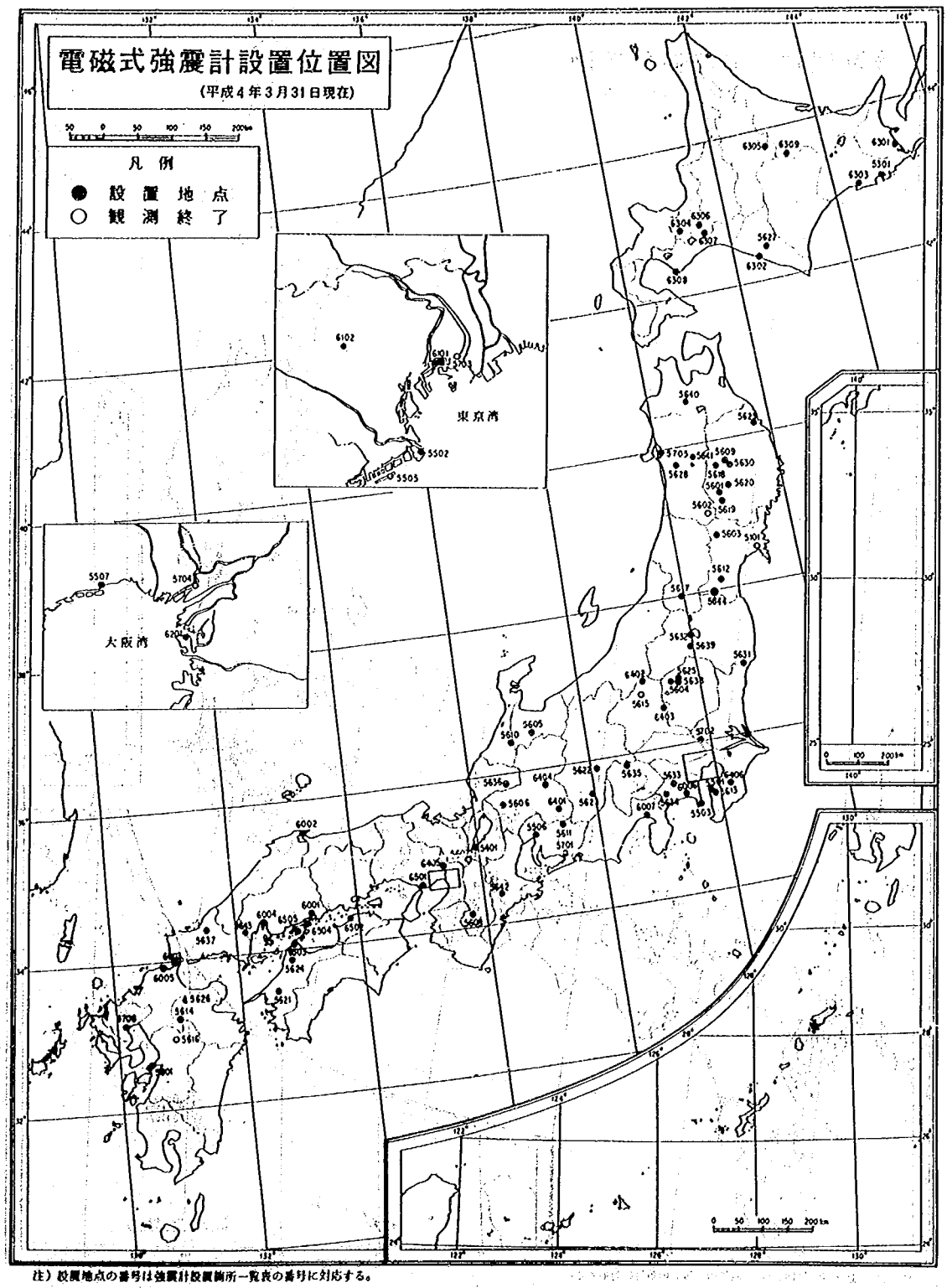
注) 設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1-5 型式別強震計設置位置図 (平成4年3月31日現在)



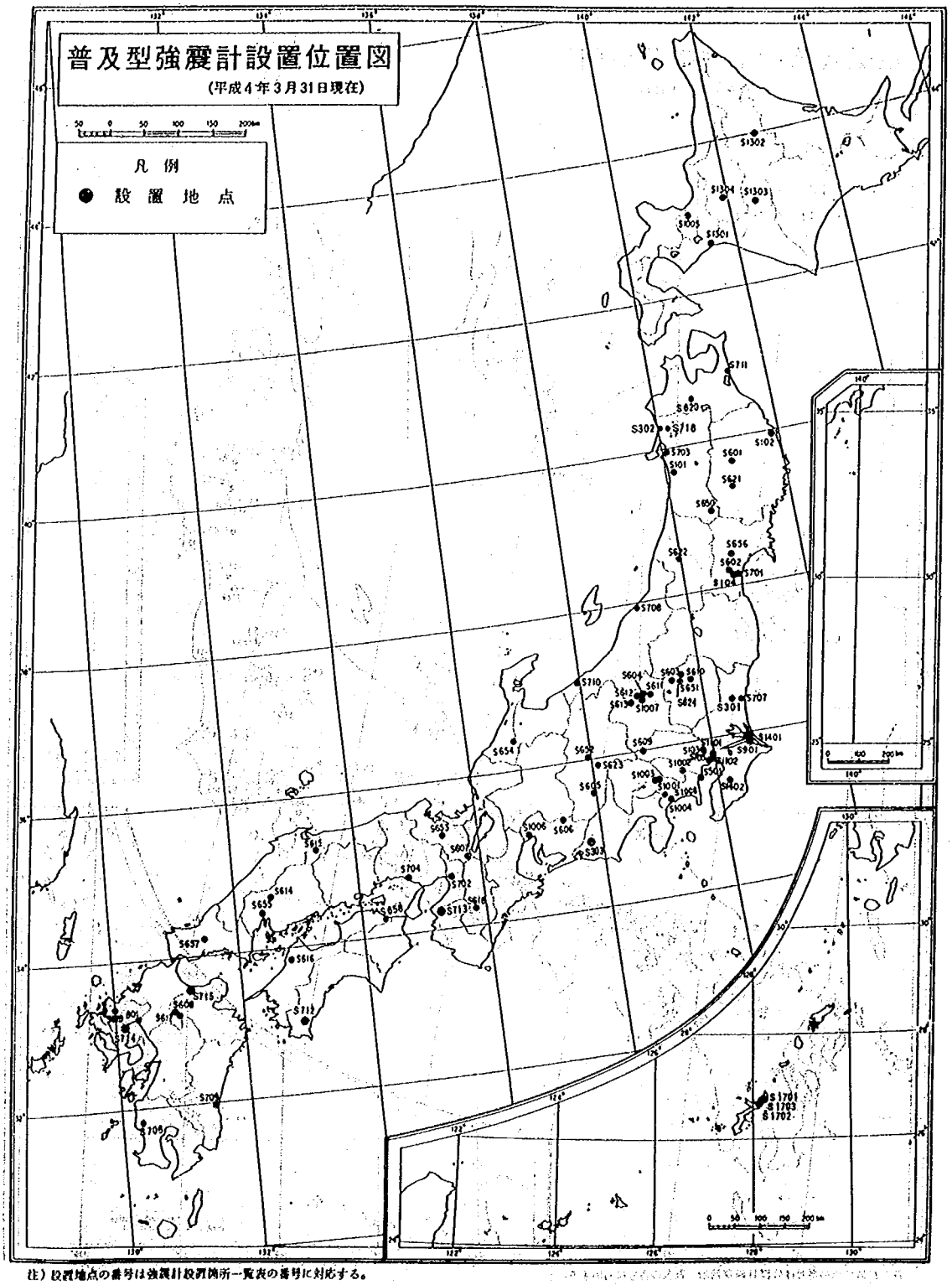
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1-6 SMAC型強震計設置位置図（平成4年3月31日現在）



注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1−7 電磁式強震計設置位置図（平成4年3月31日現在）



注) 設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1-8 普及型強震計設置位置図 (平成4年3月31日現在)

Table A1−5(1) SMAC型強震計設置箇所一覧表

平成4年3月31日現在

No.	観測所名	型式	台数	設置箇所	県名	維持管理	設置年月
	1. 国道第一課						
101	新島跨橋	B2	2	地盤・橋脚	東京	首都国道	41−3
102	米山大橋	〃	3	地盤・基礎・橋脚	新潟	長岡国道	41−3
103	安治川大橋	〃	3	地盤・橋脚(2)	大阪	大阪国道	36−3
104	新利根川橋	〃	2	地盤・橋脚	埼玉	宇都宮国道	42−2
105	真崎大橋	E2	2	〃	岩手	三陸国道	46−2
106	草加高架橋	B2	2	〃	埼玉	大宮国道	43−2
107	宝塚橋	Q	3	地盤・橋脚・1F	秋田	秋田工事	51−3
108	秋高大橋	E2	2	地盤・橋脚	新潟	高田工事	47−11
109	大平橋	Q	2	〃	愛知	名古屋国道	49−7
110							
111							
112	紀ノ川大橋	B2	2	地盤・橋脚	和歌山	和歌山工事	42−3
113	平和橋	目黄管理移え(210)					
114	尼崎高架橋	Q	2	地盤・橋脚	兵庫	兵庫国道	56−4
115	由比地区	〃	1	地盤	静岡	静岡国道	55−3
	2. 国道第二課						
201	小谷橋	B2	2	地盤・橋脚	福島	会津若松建設	40−3
202	魚沼橋	〃	2	〃	新潟	小千谷土木	40−12
203	横倉沢橋	〃	2	〃	長野	飯山建設	40−3
204	新八幡橋	〃	2	〃	愛知	半田土木	40−11
205	石瀬戸橋	〃	2	〃	宮崎	小林土木	40−3
206	小見川大橋	E2	2	〃	千葉	香取土木	48−3
207	高津大橋	B2	2	〃	島根	浜田工事	42−3
208	三川橋	Q	2	〃	山形	庄内支庁	55−3
209	瑞光寺橋	〃	3	地盤(2)・橋台	福島	宮下土木	48−3
210	平和橋	D,B2	2	地盤・橋脚	岩手	北上土木	42
	3. 地方道課						
301	塩平橋	B2	2	地盤・橋脚	秋田	雄勝土木	43−2
302	開花橋	〃	2	〃	宮城	石巻土木	41−3
303	柯北橋	B2Q	2	〃	山形	寒河江建設	昭二六
304	伊達橋	B2	2	〃	福島	保原土木	40−10
305	港大橋	〃	2	〃	兵庫	豊岡土木	40−11
306	砂見橋	〃	2	〃	島根	出雲土木	42−3
307	五台山橋	〃	2	〃	高知	高知土木	41−3
308	阪島橋	〃	2	〃	愛媛	宇和島地方局	40−4
309	乙女橋	〃	2	〃	熊本	矢部土木	40−3
310	平井大橋	〃	3	地盤・橋脚(2)	東京	東京都土研	40−8
311	豊浜大橋	〃	2	地盤・橋脚	三重	伊勢土木	41−9
312	赤木橋	〃	2	地盤・橋台	和歌山	新宮土木	41−9
313	石屋橋	〃	2	地盤・橋脚	愛媛	丹原土木	42−3
314	清川橋	(S56.8 観測終了)			山形	庄内支庁	44−3
315	来広大橋	Q	2	地盤・橋脚	徳島	徳島土木	61−5
316	津軽大橋	D	2	〃	青森	五所川原土木	45−3
317	瀬戸大橋	B2	2	〃	徳島	川島土木	42−3
318	新田大橋	E2	2	〃	福岡	博多川土木	48−3
319	四徳大橋	B2	2	〃	長野	飯田土木	41−12
320	厚岸大橋	E2	2	〃	北海道	釧路土木	45−10
321	細大橋	〃	3	地盤・橋脚(2)	東京	東京都土研	50−3
322	展橋	〃	2	地盤・橋脚	〃	〃	〃 1
323	関戸橋	〃	2	〃	〃	〃	〃
324	尾久橋	〃	2	〃	〃	〃	〃
325	新大橋	〃	2	〃	〃	〃	53−3
326	上一色橋	〃	2	〃	〃	〃	〃
327	聚明橋	〃	2	〃	〃	〃	54−3
328	高円寺陸橋	〃	2	〃	〃	〃	〃
329	由比地区	Q	1	地盤	静岡	知事公室	55−4
	4. 有料道路課						
401	琵琶湖大橋	B2	1	橋桁	滋賀	管理所	39−9
	5. 道路企画課						
501	東京湾(富津岬)	B2	1	地盤	千葉	東京湾岸道路	40−10
502	関門架橋	〃	2	地盤(門司・下関)	福岡	北九州国道	40−10
503	東京湾(観音崎)	〃	1	地盤	神奈川	東京湾岸道路	42−3
	6. 開発課						
601	室牧ダム	B2	2	(S59.観測終了)	富山	管理所(県)	36−8
602	横山ダム	Q	2	地盤・堤頂	岐阜	〃(建)	38−8
603	猿谷ダム	A	1	地盤	奈良	〃(〃)	32−3
604	天ケ瀬ダム	B2	1	堤頂	京都	〃(〃)	39−2
605	黒花ダム	D,B2Q	3	地盤・堤頂(2)	長野	〃(県)	44
606	鎧田ダム	D	2	地盤・堤頂	鹿児島	〃(建)	43−11
607	神水ダム	E2	2	堤体(頂・底)	宮城	〃(県)	60−12
608	大石ダム	〃	3	地盤・堤体(頂・底)	新潟	〃(建)	52−12
609	三保ダム	Q	2	地盤・堤頂	神奈川	〃(県)	54−3
610	小渋ダム	B2	2	(S56.観測終了)	長野	〃(建)	43−12
611	真名川ダム	(H4.3 観測終了後IC更新)			福井	〃(〃)	52−3
612	大川ダム	Q	1	地盤	福島	阿賀川工事(〃)	55−2
613	白川ダム	〃	2	堤体(頂・底)	山形	管理所(〃)	54−12
614	湯沢ダム	〃	2	〃	宮城	〃(県)	55−3
615	鳥地川ダム	〃	2	地盤・堤頂	山口	山口工事(建)	56−2
616	御所ダム	〃	2	堤体(頂・底)	岩手	管理所(〃)	55−11
617	桐生川ダム	E2	2	〃	群馬	桐生土木(県)	57−3
618	御瀬ダム	E2,Q	2	堤体(頂・中)	愛媛	管理所(建)	昭二六
619	川治ダム	Q	3	地盤・堤頂・堤体	栃木	〃(〃)	55−11
620	野村ダム	〃	3	堤体(頂・底2)	愛媛	〃(〃)	57−3
621	宇曽川ダム	〃	2	堤体(頂・底)	滋賀	〃(県)	55−3
622	君ケ野ダム	E2	2	〃	三重	〃(〃)	54−4
623	大渡ダム	Q	5		高知	大渡ダム工事(建)	
624	阿多岐ダム	QA	2	堤体(頂・底)	岐阜	管理所(県)	63−4
	7. 治水課						
701	淀川堤防(牧方)	B2	2	地盤・堤体	大阪	淀川工事	41−10
702	大島川水門	E2	2	地盤・門柱	東京	東京都土研	50−3
703	新潟大堰	〃	2	地盤・堰柱	新潟	信濃川下流工事	46−11
704	小名木川排水機場	〃	2	地盤・本体	東京	東京都土研	50−3
705	中川護岸	〃	2	〃	東京	〃	50−3
706	木曽川堤防	Q	2	地盤・堤体	三重	木曽川下流工事	53−3
707	連賀川河口堰	〃	3	本体(2)・地盤	福岡	連賀川工事	55−3
708	安倍川堤防	〃	2	地盤・堤体	静岡	静岡河川工事	54−11
709	信濃川水門	〃	3	地盤(2)・門柱	新潟	信濃川下流工事	55−3
710	太田川堤防	〃	2	地盤・堤体	広島	太田川工事	55−9
711	大和川堤防	〃	2	〃	大阪	大和工事	56−1
712	江戸川堤防	〃	2	〃	千葉	江戸川工事	54−4
713	吉田川堤防	〃	2	〃	宮城	北上川下流工事	56−4
714	吉野川堤防(徳島第一)	〃	2	〃	徳島	徳島工事	57−4
715	〃(石井)	〃	2	〃	〃	〃	57−4
716	扇橋閘門	E2	2	地盤・門柱	東京	東京都土研	61−3
717	新中川堤防	〃	2	地盤・堤体	〃	〃	55−3
718	木下川排水機場	〃	2	地盤・B1F	〃	〃	51−3
719	淀川堤防(大淀)	Q	2	地盤・堤体	大阪	淀川工事	
	8. 海岸課						
801	有明海	B2	1	(S60.観測終了)	佐賀	筑後川工事	40−6
	9. 土木研究所						
901	土研千葉支所	(S54.3 観測終了)			千葉	土木研究所	昭二七
902	西新井橋	B2	3	地盤・橋脚(2)	東京	〃	37−3
903	昭和大橋	〃	2	地盤・橋脚	新潟	新潟県庁(委)	40−1
904	新天竜川橋	Q,B2	2	〃	静岡	浜松工事(委)	39−12
905	落合橋	B2	2	〃	兵庫	兵庫国道(委)	40−12
906	鹿島試験所	(S54.3 観測終了)			茨城	鹿島試験所	42−3
907	平天橋	B2	2	地盤・橋台	福島	磐城国道(委)	43−1
908	朝比奈川橋	Q	2	〃	静岡	藤枝土木(委)	62−3
909	賀見大橋	〃	2	地盤・橋脚	〃	下田土木(委)	53−3
910	鮫河大橋	〃	2	〃	〃	静岡国道(委)	53−4
911	福井大橋	〃	2	〃	福井	福井工事(委)	53−11
912	御前崎	〃	1	地盤	静岡	御前崎土木(委)	53−9
913	大津陸橋	〃	3	地盤(2)・橋脚	千葉	特川土木(委)	54−11
914	八重洲地下街	〃	3	地下構造物(3)	東京	土木研究所	〃
915	土木研究所	〃	1	B2F	茨城	〃	55−8

Table A1−5 (2)　SMAC型強震計設置箇所一覧表

平成4年3月31日現在

No	観測所名	型式	台数	設置場所	県名	維持管理	設置年月
	10. 日本道路公団						
1001	浜松大橋	E2	3	地盤・橋脚・橋桁	静岡	静浜管理所	53−2
1002	東名・富士川橋	B2	2	地盤・橋脚	〃	富士管理所	42−3
1003	東名・浜名湖橋	D	2	〃	〃	袋井管理所	44−3
1004	境川橋	(S 60. 3 観測終了)巻に更新			山梨	大月管理所	42−3
1005	比久保橋	〃			東京	八王子管理所	〃
1006	桂川橋	〃			山梨	大月管理所	〃
1007	東名・豊川橋	B2	2	地盤・橋脚	愛知	豊川管理所	43−3
1008	滝戸大橋	E2	3	地盤・橋脚(2)	高知	滝戸大橋管理所	47−5
1009	東名・酒匂川橋	D	2	地盤・橋脚	神奈川	御殿場管理所	44−3
1010	大島大橋	T	3	橋脚(2)・橋桁	山口	小郡管理所	51−7
1011	帯広川橋	E2	2	橋台・橋桁	広島	三次管理所	53−8
1012	東伊豆観測	〃	1	地盤	静岡	東伊豆道路	54−3
1013	由比地区	Q	1	〃	〃	富士管理所	55−3
1014	富士管理事務所	〃	1	〃	〃	〃	56−3
1015	静岡管理事務所	〃	1	〃	〃	静岡管理所	56−3
1016	袋井管理事務所	〃	1	〃	〃	袋井管理所	51−12
1017	試験所	〃	1	〃	東京	試験所	58−2
1018							
1019							
1020							
	11. 首都高速道路公団						
1101	3号線 (大橋)	E2	2	地盤・橋桁	東京	東京保全部	47−1
1102	4号線 (下高井戸)	〃	3	地盤・橋脚(2)	〃	〃	47−1
1103	6号線 (向島)	〃	2	地盤・橋脚	〃	〃	47−1
1104	5号線 (境国寺)	〃	2	1F・9F	〃	〃	46−9
1105	9号線 (木場)	〃	2	地盤・橋脚	〃	〃	49−7
1106	湾岸線 (大井)	〃	3	地盤・トンネル・B2F	〃	〃	50−3
1107	5号線 (志村)	〃	2	地盤・橋脚	〃	〃	52−5
1108	2号線(一ノ橋IC)	B2	2	〃	〃	〃	43−2
1109	1号線(羽田海底トンネル)	〃	3	地盤・トンネル(2)	〃	〃	42−7
1110	湾岸線 (荒川)	E2	3	地盤・橋脚・橋桁	〃	〃	51−10
	12. 阪神高速道路公団						
1201	西横堀高架橋	B2	2	地盤・橋脚	大阪	大阪管理所	40−5
1202							
1203	南津守高架橋	D	2	地盤・橋脚	大阪	大阪管理所	45−3
1204							

No	観測所名	型式	台数	設置場所	県名	維持管理	設置年月
	13. 北海道開発局						
1301	空地大橋	Q	2	地盤・橋台	空地	開発局	53−2
1302	千代田大橋	B2	3	地盤・橋脚・橋台	十勝	〃	41−11
1303	新石狩大橋	〃	2	地盤・橋脚	石狩	〃	43
1304	大雪毛橋	〃	2	〃	上川	〃	42−10
1305	幌満橋	〃	2	〃	日高	〃	42−12
1306	旭川大橋	〃	2	〃	石狩	〃	44
1307	七飯橋	〃	2	〃	渡島	〃	43−12
1308	石狩河口橋	〃	3	地盤・橋脚・橋桁	石狩	〃	45−3
1309	無意根大橋	D	2	地盤・橋脚	石狩	〃	44−10
1310	紅里大橋	DE2	2	地盤・橋台	網走	〃	45−10
1311	磯谷橋	D	2	〃	後志	〃	45−11
1312	清恵橋	E2	2	地盤・橋脚	留萌	〃	46−10
1313	声問橋	B2	2	地盤・橋台	宗谷	〃	47−11
1314	志撫子橋	〃	2	〃	網走	〃	47−12
1315	温根沼大橋	Q	3	地盤・橋脚・橋台	根室	〃	50−11
1316	天塩河口橋	〃	2	地盤・橋台	留萌	〃	50−12
1317	広尾橋	〃	2	〃	十勝	〃	52−3
1318	上島崎橋	〃	2	地盤・橋脚	渡島	〃	53−3
1319	島松沢橋	〃	1	地盤	石狩	〃	54−12
1320	札幌IC高架橋	〃	2	地盤・橋脚	札幌	〃	54−12
1321	鵡川堤防	QA	2	地盤・堤体	胆振	室蘭開発建設部	47−10 47−11
1322	大津築堤	Q	2	地盤・堤体	十勝	帯広開発建設部	55−1
1323	網路川堤防	〃	2	〃	網路	網路開発建設部	57−1
1324	沙流川堤防	Q	2	地盤・堤体	日高	室蘭開発建設部	47−11
	14. 水資源開発公団						
1401	利根川河口堰	D	2	(S 59.観測終了)	千葉	河口堰管理所	44−6
1402	寺内ダム	E2	2	堤体(頂・底)	福岡	ダム管理所	52−3
	15. 本州四国連絡橋公団						
1501	大和島	QA	1	地盤	兵庫	本四公団	59−6
1502	天文科学館	B2	1	1F	〃	〃	39−3
1503	大三島	〃	1	地盤	愛媛	〃	38−
1504	鳴門	(S 60. 11 観測終了)			徳島	〃	37−8
1505	番ノ洲	〃	1	〃	香川	撤去	39−
1506	高松	(S 47. 12 来島へ移設)			〃		38−
1507	来島	〃	1	地盤	愛媛	〃	47−12
	16. 下水道部						
1601	落合処理場	E2	2	地盤・構造物	東京	東京都下水道局	51−2
1602	13号埋立地(江東)	〃	2	〃	〃	〃	〃
1603	南砂ポンプ場	〃	2	地盤(2)	〃	〃	〃
1604	小菅処理場	〃	2	地盤・構造物	〃	〃	52−3
1605	谷端川幹線	〃	2	地盤(2)	〃	〃	〃
1606	花畑雨水幹線	T	3	地盤(2)下水管	〃	〃	〃

Table A1−6(1). 電磁式強震計設置箇所一覧表

平成4年3月31日現在

No	観測所名	型式	成分数	設置箇所	県名	維持管理	設置年月
1. 国道第一課							
5101	新所野川橋	PK−130	15	(S 61. 3 観測終了)	宮城	仙台工事事務所	49−12
2. 国道第二課							
3. 地方道課							
5301	厚岸大橋	ALE301A	10	−12m(2)・−24m(2)・−47m(2)・−48m(2)・−68m(2)	北海道	釧路土木現業所	45−10
4. 有料道路課							
5401	琵琶湖大橋	PK−130	6	地盤(4)・橋脚(2)	滋賀	琵琶湖大橋管理事務所	39−9
5. 道路企画課							
5501	富津岬	WS 3003	9	0m(3)・−70m(3)・−110m(3)	千葉	東京高速道路調査事務所	44−10
5502	厚島公園	〃	12	0m(3)・−27m(3)・−67m(3)・−127m(2)	神奈川	〃	45−1
5503	観音崎	〃	9	0m(3)・−60m(3)・−120m(3)	〃	〃	46−3
5504	南港	計器管理替え (6201)					
5505	扇島	WS 3003	12	(S 58. 観測終了) ⑤に更新	神奈川	東京高速道路調査事務所	49−3
5506	金城埠頭	WS 3203	9	0m(3)・−45m(3)・−114m(3)	愛知	名四国道工事事務所	50−7
5507	深江	WS 3302	15	0m(3)・−80m(3)・−61m(3)・−71m(3)・−120m(3)	大阪	阪神国道工事事務所	52−3.53−3
6. 開発課							
5601	湯田ダム	PK−130	6	堤頂(3)・岩盤(3)	岩手	湯田ダム管理所(建)	51−8
5602	皆瀬ダム	PK−130	6	(S 57. 3 観測終了)	秋田	皆瀬ダム管理所(県)	38−5
5603	鳴子ダム	PK−130	8	岩盤(3)・堤体(頂(2)・中(3))	宮城	鳴子ダム管理所(建)	48−3
5604	川俣ダム	〃	3	岩盤(3)・堤体(頂(5)・中(5))	栃木	川俣ダム管理所(〃)	45−
5605	室牧ダム	〃	9	堤体(頂(5)・中(4))	富山	室牧ダム管理事務所(県)	36−8
5606	横山ダム	MTD−3C	12	岩盤(5)・堤体(頂(5)・中(2))	岐阜	横山ダム管理所(建)	38−8
5607	天ケ瀬ダム	PK−130	9	(S 54. 観測終了)	京都	天ケ瀬ダム管理所(〃)	39−12
5608	猿谷ダム	PK−130	5	堤体(5)	奈良	猿谷ダム管理所(〃)	45−
5609	四十四田ダム	〃	12	堤体(頂(9)・中(3))	岩手	北上川ダム統管(〃)	45−
5610	犀川ダム	〃	10	監査廊(5)・堤体(5)	石川	犀川ダム管理事務所(県)	43−12
5611	矢作ダム	〃	13	岩盤(3)・堤体(頂(4)・中(4)・底(2))	愛知	矢作ダム管理所(建)	46−3
5612	釜房ダム	〃	6	岩盤(3)・堤頂(3)	宮城	釜房ダム管理所(〃)	45−4
5613	都ダム	PTK−130	9	−5m(3)・堤体(頂(3)・中(3))	千葉	君津工業用水道事務所(県)	47−12
5614	下筌ダム			(S 63. 観測終了)	熊本	松原下筌ダム管理事務所(建)	46−2
5615	藤原ダム			(S 63. 観測終了)	群馬	藤原ダム管理所(〃)	49−1
5616	阿蘇立野			(S 60. 12 観測終了)	熊本	阿蘇立野熊本工事事務所	50−12
5617	白川ダム	PTK−130	12	地盤(3)・堤体(頂(3)・中(3)・底(3))	山形	白川ダム管理所(建)	50−
5618	御所ダム	〃	27	岩盤(3)・堤体(頂(6)・中(9)・底(9))	岩手	御所ダム管理所(〃)	55−11
5619	石渕ダム	PTK−300	6	岩盤(3)・堤頂(3)	〃	石渕ダム管理所(〃)	55−12
5620	田瀬ダム	〃	6	〃	〃	田瀬ダム管理所(〃)	55−5
5621	野村ダム	〃	6	〃	愛媛	野村ダム管理所(〃)	57−3
5622	奥和ダム	PK−130	3	堤中(3)	兵庫	奥和ダム管理所(〃)	53−9
5623	小渋ダム	PK−130H	6	岩盤(3)・堤中(3)	〃	小渋ダム管理事務所(〃)	53−9
5624	石手川ダム	PK−130	3	堤頂(3)	愛媛	石手川ダム管理所(〃)	55−8
5625	五十里ダム	PTK−300	3	堤中(3)	栃木	五十里ダム管理所(〃)	55−1
5626	耶馬渓ダム	〃	9	岩盤(3)・堤体(頂(3)・中(3))	大分	耶馬渓ダム工事事務所(〃)	59−3
5627	高見ダム	PTK−130	12	岩盤(6)・堤体(頂(3)・中(3))	北海道	高見ダム管理事務所(県)	57−12
5628	岩見ダム	VP−9259	3	堤中(3)	秋田	岩見ダム管理事務所(〃)	53−11
5629	滝ダム	SD−112−3	6	岩盤(3)・堤中(3)	岩手	滝ダム管理事務所(〃)	57−1
5630	網取ダム	PTK−130	6	堤体(頂(3)・底(3))	〃	網取ダム管理事務所(〃)	54−5
5631	四時ダム	〃	9	岩盤(3)・堤体(頂(3)・中(3))	福島	四時ダム管理事務所(〃)	57−3 57−3
5632	東山ダム	PTK−300	6	堤体(頂(3)・底(3))	〃	東山ダム管理事務所(〃)	57−1
5633	城山ダム	MTD−3C	3	堤体(頂(1)・中(1)・底(1))	神奈川	城山ダム管理事務所(〃)	40−4
5654	三保ダム	AS−ICTS	12	堤体(頂(3)・中(6)・底(3))	〃	三保ダム管理事務所(〃)	53−3
5635	広瀬ダム	VP−9259	12	堤体(頂(6)・中(3)・底(3))	山梨	広瀬ダム管理事務所(〃)	50
5636	笹生川ダム		11	堤頂(11)	福井	笹生川ダム管理事務所(〃)	41−4
5637	阿武川ダム	SA−155	10	岩盤(4)・堤体(頂(3)・底(3))	山口	阿武川ダム管理事務所(〃)	50−3
5638	川治ダム		12		栃木	川治ダム管理支所(建)	
5639	大川ダム	PTK−130,300	15	堤体(頂(3),底(3))左岸グラウト(3)右岸(3)右岸横坑(3)	福島	大川ダム管理所(建)	61−10
5640	浅瀬石川ダム	SDA−240	18	堤体(頂(3)・中(3),底(3)),2号グラウト(6),3号グラウト(3)	青森	浅瀬石川ダム管理所(建)	62−3
5641	玉川ダム	SDA−203−G3	12	左岸グラウト(3), 堤体(頂(3), 中(3), 底(3))	秋田	玉川ダム工事事務所(建)	63−10
5642	漫ダム	〃	9	リムグラウト(3), 堤体 (頂(3), 底(3))	三重	漫ダム工事事務所(建)	63−3
5643	弥栄ダム	〃	12	右岸グラウト(3), 堤体 (頂(3), 中(3), 底(3))	広島	弥栄ダム工事事務所(建)	63−10
5644	七ケ宿ダム	〃	15	グラウト(左岸(3),右岸(3)), 堤体(頂(3),中(3),底(3))	宮城	七ケ宿ダム工事事務所(建)	元
7. 治水課							
5701	豊川放水路堤防	PTK−130	4	地盤(2)・堤体(2)	愛知	豊橋工事事務所	41−3
5702	利根川堤防	PTK−130	9	地盤(3)・堤頂(3)・本体(3)	茨城	利根川上流工事事務所	43−12
5703	荒川堤防	PTK−130	6	(S 61. 観測終了)	東京	荒川下流工事事務所	43−5
5704	淀川堤防	PTK−130	9	地盤(3)・堤頂(3)・本体(3)	大阪	土木研究所	49−3
5705	八郎潟干拓堤防	SDA−240,112	9	地盤(3)・地中(6)	秋田	〃	61−2
5706	六角川河口堰		3	堰柱(3)	佐賀	武雄工事村口堰管理支所	
8. 海岸課							
5801	大矢野島			(S 60. 観測終了)	熊本	熊本工事事務所	48−12
9. 土木研究所							
5901	利根川堤防			計器管理替え (5702)			
5902	荒川堤防			計器管理替え (5703)			

Table A1−6(2) 電磁式強震計設置箇所一覧表

平成4年3月31日現在

No	観測所名	型式	成分数	設置箇所	県名	維持管理	設置年月
10. 日本道路公団							
6001	尾道大橋	PK−130	11	地盤(3)・主塔(2)・主桁(6)	広島	日本道路公団	43−4
6002	境水道大橋	〃	11	地盤(3)・地中(3)・橋脚(5)	鳥取	〃	47−5
6003	関門橋	LG 3994	31	地中(9)・桁(6)・橋脚(8)・橋台(4)・塔(4)	福岡	〃	48−11
6004	広島大橋	PK−130	10	地盤(2)・橋脚(2)・ケーソン(6)	広島	〃	49−3
6005	若戸大橋	LG 2596	24	橋台(3)・主桁(9)・主塔(7)・中間塔(5)	福岡	〃	59−3
6006	長町橋	AJE 306	22	地中・橋台	神奈川	〃	〃
6007	江尻橋	〃	23	地中・橋台	静岡	〃	〃
11. 首都高速道路公団							
6101	9号線(木場)	TUSS	9	地中(9)	東京	東京湾安部設計課	59−3
6102	4号線(永福町)	STBH	9	〃	〃	〃	61−2
12. 阪神高速道路公団							
6201	南港	WS 3203	12	0m(3)・−22m(3)・−43m(3)・−88m(3)	大阪	阪神高速道路公団	48-3,49-3
13. 北海道開発局							
6301	別海橋	AJE301A	6	−2m(3)・−40m(3)	北海道	北海道開発局	46−10
6302	静内橋	〃	6	−2m(3)・−40m(3)	〃	〃	57−10
6303	釧路跨線橋	PTK−130	9	地盤(3)・地中(3)・フーチング橋(3)	〃	〃	48−11
6304	豊平峡ダム	PK−130	7	堤体(頂(2)・中(2)・底(3))	〃	豊平峡ダム管理所	47−3
6305	大雪ダム	PTK−130	15	堤体(頂(6)・中(6)・底(3))	〃	大雪ダム管理所	49−3
6306	漁川ダム	〃	12	堤体(頂(3)・中(6)・底(3))	〃	漁川ダム管理所	54−11
6307	島松沢橋	AJE−305	3	地中(3)	〃	北海道開発局	54−12
6308	白鳥大橋	AJE−306	9	−13m(3)・−25m(3)・−35m(3)	〃	〃	57−11
6309	鹿ノ子ダム	PTK−130	9	堤体(頂(3)・中(3)・底(3))	〃	鹿ノ子ダム管理所	58−6
14. 水資源開発公団							
6401	阿木川ダム	PK−130	3	岩盤(3)	岐阜	阿木川ダム工事事務所	46−12
6402	矢木沢ダム	PTK−300	6	堤体(頂(3)・底(3))	群馬	矢木沢ダム管理所	56−3
6403	草木ダム	〃	6	〃	〃	草木ダム管理所	55−11
6404	岩屋ダム	PTK−130	16	岩盤(3)・堤体(頂(4)・中(9))	岐阜	岩屋ダム管理所	51−1
6405	一庫ダム	PTK−300	18	堤体(頂(2)・中(3)・底(3))	兵庫	一庫ダム管理所	57−3
6406	房栖ダム	PTK−130	21		千葉	房総導水路長柄出張所	60−5
15. 本州四国連絡橋公団							
6501	垂水(本州四国)	WS−3203	16	−5m(6)・−20m(4)・−60m(3)・−250m(3)	兵庫	本州四国連絡橋公団	47−3
6502	坂出(本州四国)	WS 3203	15	−5m(6)・−20m(3)・−35m(3)・−55m(3)	香川	〃	48−12
6503	今治(本州四国)	WS 3203	12	−5m(6)・−20m(3)・−40m(3)	愛媛	〃	48−3
6504	因島大橋	WS3209A	30	地盤(3)・地中(3)・橋脚(3)・塔(9)・桁上(12)	広島	〃	58−12
6505	大三島橋	WS 3012	12	地中(3)・リブ上(6)・道路面(3)	愛媛	〃	54−7

Table A1−7　普及型強震計設置箇所一覧表

平成4年3月31日現在

No	設置所名	型式	台数	設置箇所	県名	維持管理	設置年月
1. 国道第一課							
S 101	渡島大橋	SMA−10A	3	地盤・橋脚(2)	秋田	秋田工事事務所	59−11
S 102	恵庭大橋	〃	3	地盤・橋脚・橋桁	岩手	三陸国道工事事務所	59−12
S 103	三股インターチェンジ	〃	6	−5m・−51m・基礎(2)・橋脚(2)	埼玉	北首都国道工事事務所	60−1
S 104	幌木高架橋	〃	5	地盤・地中・基礎・橋脚(2)	宮城	仙台工事事務所	61−3
3. 地方道課							
S 301	千代橋	SAMTAC−16D	5	−22m・橋脚(2)・橋桁(2)	茨城	水戸土木事務所	63−9
S 302	能代大橋	SMA−10B	3	地盤・地中・橋脚	青森	青森山本土事事務所	元−10
S 303	宮川橋	〃	3	地中・橋脚・橋桁	静岡	天竜土木事務所	3−2
5. 道路企画課							
S 501	鋼鉄	SAMTAC−17S	4	−5m・−15m・−38m・−150m	神奈川	東京湾岸道路調査事務所	58−3, 58−6
6. 開発課							
S 601	四十四田ダム	SM−10	2	堤体(頂・中)	岩手	北上川ダム統管(休)	56−12
S 602	釜房ダム	SM−10A	2	地盤・堤頂	宮城	釜房ダム管理所(〃)	57−4
S 603	川俣ダム	〃	2	〃	岩手	川俣ダム管理所(〃)	57
S 604	鳴子ダム	SM−10, 10B	2, 3	堤体(中(2), 底(2)), 地盤	群馬	藤原ダム管理所(〃)	56−3, 元−2
S 605	小渕ダム	SM−10A	2	地盤・堤頂	長野	大鹿川ダム統管(〃)	57−7
S 606	矢作ダム	SMA−7B	1	地盤	愛知	矢作ダム管理所(〃)	57−5
S 607	大ケ瀬ダム	SM−10	3	地盤・堤体(中・底)	京都	大ケ瀬ダム管理所(〃)	57−3
S 608	上荒ダム	SM−10, 10B	2, 2	堤体(頂(2), 底(2))	熊本	松原下筌ダム管理事務所(〃)	57−3, 元−12
S 609	二瀬ダム	SM−10A	3	地盤, 堤体(底, 底)	埼玉	二瀬ダム管理所(〃)	61−
S 610	五十里ダム	SM−10A	3	〃	栃木	五十里ダム管理支所(〃)	61−
S 611	藤原ダム	SM−10A	3	〃	群馬	藤原ダム管理支所(〃)	61−
S 612	相俣ダム	SM−10A	3	〃	〃	相俣ダム管理支所(〃)	61−
S 613	品木ダム	SM−10A	2	堤体(底, 底)	〃	品木ダム水質管理所(〃)	61−
S 614	土師ダム	SM−10A	3	地盤・監査廊・天端	広島	土師ダム管理所(〃)	61−
S 615	菅沢ダム	SM−10A	3	地盤・監査廊・天端	鳥取	菅沢ダム管理所(〃)	61−
S 616	石手川ダム	SM−10A	1	監査廊	愛媛	石手川ダム管理支所(〃)	61−
S 617	松原ダム	SM−10A	2	堤体(底, 底)	大分	松原ダム管理支所(〃)	61−
S 618	境谷ダム	SM−10A, 10B	3	地盤・堤体(頂・底)	奈良	境谷ダム管理所(〃)	63−2
S 619	厳木ダム	SA−355CT	3	堤体(底, 底)・グラウトトンネル	佐賀	厳木ダム管理所(〃)	62−3
S 620	浅瀬石川ダム	〃	3	〃	青森	浅瀬石川ダム管理所(〃)	62−3
S 621	田瀬ダム	SM−10B	2	堤体(頂・底)	岩手	田瀬ダム管理所(〃)	62−12
S 622	寒河江ダム	SM−10A, 10B	2, 4	堤体(頂・底)・左岸グラウト(2)右岸グラウト・取水塔	山形	寒河江ダム工事事務所(〃)	2−
S 623	美和ダム	SM−10B	2	堤体(頂・底)	長野	美和ダム管理支所(〃)	元−11
S 624	川治ダム	SMAC−MD	3	地盤・堤体(頂・底)	栃木	川治ダム管理所(〃)	
S 650	佐瀬ダム	SM−10A	6	地盤・堤頂・地中(4台)	秋田	佐瀬ダム管理所(県)	57−3, 60−3
S 651	寺山ダム	〃	3	地盤・堤体(頂・底)	栃木	鬼怒川水系ダム建設(〃)	57−10
S 652	奈良井ダム	SM−10	3	地盤・堤体(頂・底)	長野	奈良井川改良事務所(〃)	57−1
S 653	大野ダム	〃	1	堤中	長野	大野ダム管理事務所(〃)	57−3
S 654	犀川ダム	〃	1	堤頂	石川	犀川ダム管理事務所(〃)	56−10
S 655	魚切ダム	〃	3	地盤・堤体(頂・底)	広島	魚切ダム管理事務所(〃)	57−3
S 656	七北田ダム		2		宮城	七北田ダム管理事務所(〃)	
S 657	芦谷ダム	SM−10B	2	地盤・天端	山口	厚狭川総合開発事務所(〃)	62−10
S 658	千originダム	〃	2	堤体(頂・底)	香川	香川土木事務所(〃)	63−3
S 659	鶴木ダム	SM−12	2	堤体(頂・底)	宮城	鶴木ダム管理事務所	4−3
7. 治水課							
S 701	阿武隈大堰	SM−10A	2	堰中(2)	宮城	仙台工事事務所	58−3
S 702	淀川大堰	SM−10A	3	地盤・堰柱(2)	大阪	淀川工事事務所	58−4
S 703	八郎潟干拓堤防	SAMTAC−17S	2	地盤・堤体	秋田		61−12
S 704	加古川大堰	SM−10A	2	地盤・堰柱	兵庫	姫路工事事務所	62−
S 705	京川堤防	SM−10B	3	地中(2)・天端	東京	京川下流工事事務所	63−3
S 706	川内川堤防	〃	3	地盤・地中・天端	鹿児島	川内川工事事務所	元−2
S 707	久慈川堤防	SM−10B	3	地盤・地中・天端	茨城	常陸工事事務所	2−3
S 708	信濃川堤防	SM−10B	2	地中・天端	新潟	信濃川下流工事事務所	2−3
S 709	大淀川堤防	SM−10B	3	地盤・地中・天端	宮崎	宮崎工事事務所	元−10
S 710	姫川堤防	SM−10B	1	地盤	新潟	高田工事事務所	元−11
S 711	高瀬川堤防	SMAD	3	地盤・地中・天端	青森	高瀬川総合開発工事事務所	2−3
S 712	鏡川堤防	SAMTAC−15X	3	地盤・地中・天端	高知	中村工事事務所	2−12
S 713	紀ノ川堤防	SMAC−MD	3	地盤・地中・天端	和歌山	和歌山工事事務所	
S 714	六角川河口堰	SM−10B	1	堰柱	佐賀	武雄工事事務所	
S 715	中津大堰	SM−10B	2	地盤・堰柱	大分	山国川ダム堰統合管理事務所	
S 716	米代川堤防	SM−10B	3	地盤・地中・天端	秋田	能代工事事務所	4−3
8. 海岸課							
S 801	有明海岸堤防	SM−10A	2	地盤・堤体	佐賀	筑後川工事事務所	61−3
9. 土木研究所							
S 901	木野大橋	SAMTAC−85E	6	−15m・主桁内(3), 堰柱(2)	千葉	土木研究所	61−2
10. 日本道路公団							
S1001	新境川橋	SM−10A	2	地盤・橋脚	山梨	大月管理事務所	60−3
S1002	陣欠保橋	〃	2	〃	東京	八王子管理事務所	60−3
S1003	鶴川橋	〃	2	〃	山梨	大月管理事務所	60−3
S1004	岩大橋	SM−10	4	橋脚・橋台・橋桁(2)	神奈川	厚木管理事務所	57−3
S1005	東米里高架橋	SM−10A	4	地盤・地中・橋脚・基礎	北海道	札幌工事事務所	58−10
S1006	名港西大橋	〃	10	堰柱(2)・主桁内(5)・下部工天端(2)・ケーソン埋込	愛知	名古屋管理事務所	60−3
S1007	片品川橋	SM−10A	4	地中・ケーソン・橋脚・桁	群馬		60−3
S1008	酒匂川橋	〃	2	地盤・橋脚	神奈川	御殿場管理所	
11. 首都高速道路公団							
S1101	高速ハープ橋	SA−355CT SA−355CT		13箇所32成分	東京		62−10
S1102	高速三宅間連絡橋	SA−355CT SA−355CT		25箇所58成分	東京		62−10
13. 北海道開発局							
S1301	鵡岡橋	SMA2	2	地盤・橋台	北海道	苫小牧道路事務所	50−2
S1302	岩尾内ダム	SM−10	1	1. P	〃	岩尾内ダム管理所	57−7
S1303	金山ダム	SMA−TB	1	堰底	〃	金山ダム管理所	57−3
S1304	住沢ダム	〃	1	〃	〃	住沢ダム管理所	57−6
14. 水資源開発公団							
S1401	利根川河口堰	SM−10A	2	地盤・堰柱	千葉	利根川河口堰管理事務所	60−
S1402	長柄ダム	SM−10A	3	地盤・天端・ブランケット天端	千葉	房総導水路長柄出張所	60−5
17. その他							
S1701	安波ダム	SM−10A	2	堤体(頂・底)	沖縄	安波ダム管理所	58−3
S1702	福地ダム	〃	1	地盤	〃	福地ダム管理所	58−3
S1703	青久川ダム	〃	2	堤体(頂・底)	〃	北部ダム統合管理事務所	

付録－２　強震計の特性

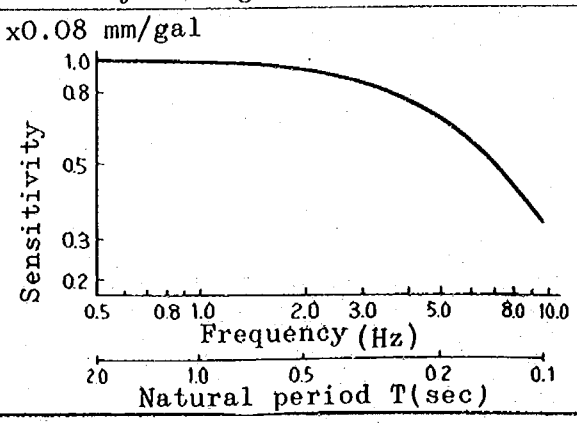
本資料に収録した地震動の加速度記録は，SMAC－B2型，SMAC－D型，SMAC－E2型，SMAC－Q型，電磁式強震計，普及型強震計のいずれかの型式の強震計により記録されたものである。

これらの強震計の公称の特性及び構造の概略をTable A2－1～Table A2－5，及びFigure A2－1～Figure A2－5に示す。

ここで，

Table　A2－1　SMAC－B2型強震計の特性
Figure A2－1　SMAC－B2型強震計の構造
Table　A2－2　SMAC－D型　強震計の特性
Figure A2－2　SMAC－D型　強震計の構造
Table　A2－3　SMAC－Q型　強震計の特性
Figure A2－3　SMAC－Q型　強震計の構造
Table　A2－4　電磁式強震計の特性
Figure A2－4　電磁式強震計の構造
Table　A2－5　普及型強震計の特性
Figure A2－5　普及型強震計の構造

Table A2—1 Strong-Motion Accelerograph, SMAC-B2

Parts	Specifications and Characteristics
Pendulum	3-Component accelerometer
	Natural period : 0.14 sec. Sensitivity : 12.5 gals per mm on the paper Damping : critical damping (h=1) Recording range : 6 ~ 500 gals Magnitication : x 16 (mechanical)
Recording system	Recording paper : scratching stylus roll-paper Recording speed : 10 mm per sec. Recording pen : sapphire point
Driving part	Spring motor
	Operating for about 3 min.
Electric self-starter	Vertical component accelerometer
	Natural period : 0.3 sec. Sensitivity at starting : from 5 to 15 gals
Mechanical self starter	Sensitivity at starting : about 100 gals
Time marking	Interval : 1 sec.
Checking device	Pilot lamp and buzzer
Electric power supply	Dry cell 3V x 4 (JIS No. FM 5)
Console	Aluminum alloy
Dimension	540 (width) x 540 (length) x 370 (height) mm
Net weight	Approximately 100 kg
Frequency Characteristics	

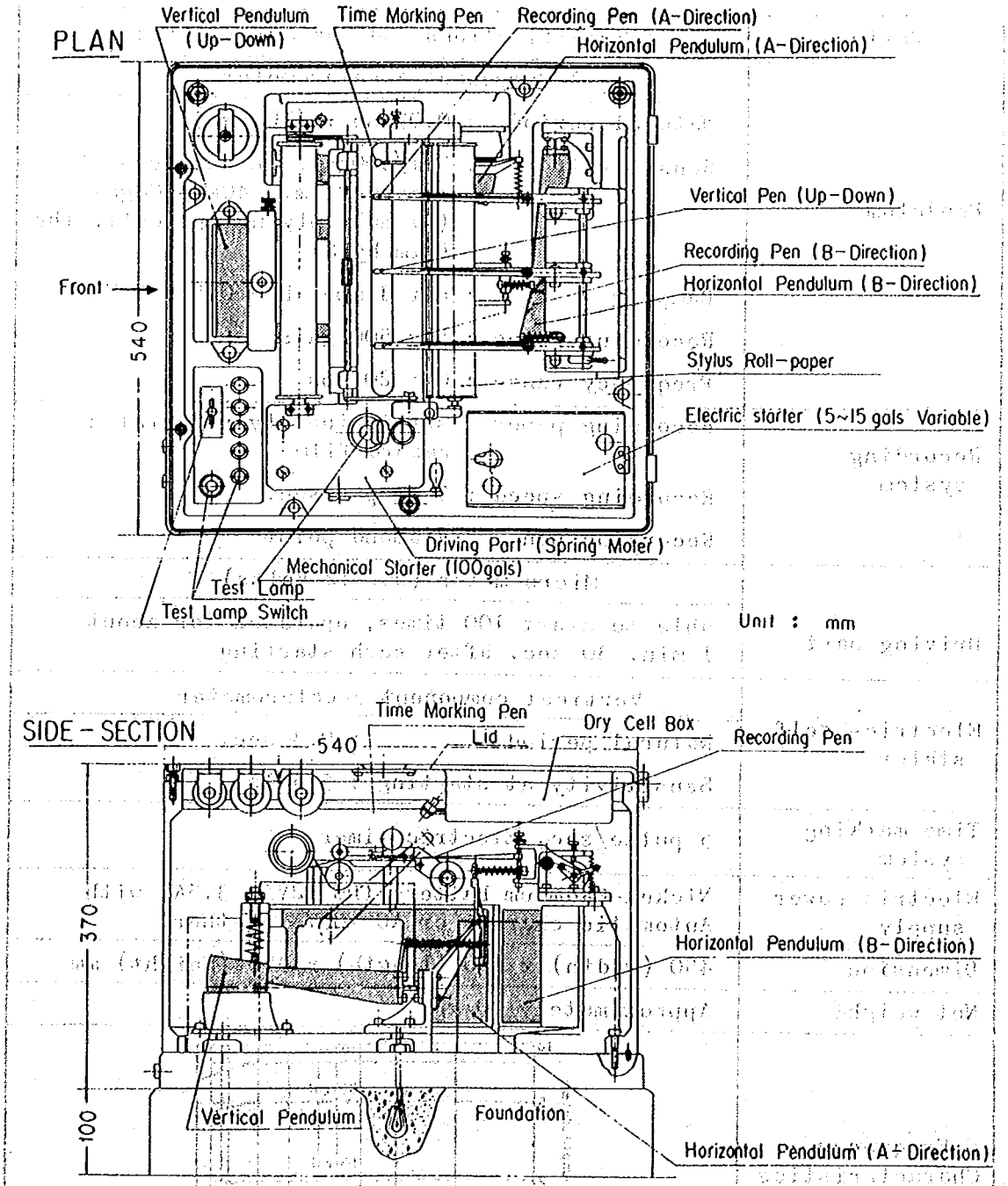
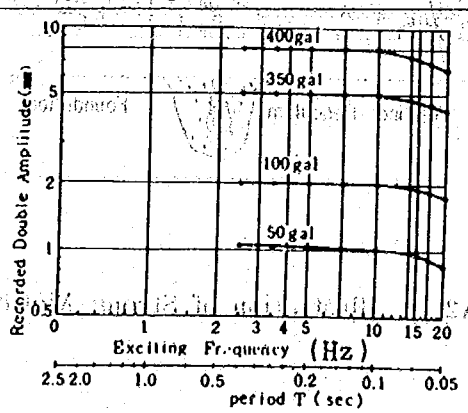


Figure A2-1 Illustration of Strong-Motion Accelerograph, SMAC-B2

Table A2—2 Strong-Motion Accelerograph, SMAC-D

Parts	Specifications and Characteristics
Pendulum	3-Component accelerometer
	Natural period : 0.05 sec. (20 cps) Sensitivity : 5mm/500gals on scratch-record-film. 40mm/500gals (by multiplying optically the film by 8) Damping : air damper h = 0.5 ~ 0.7 Recording range : 5 ~ 500 gals Frequency range : 0 ~ 20 cps
Recording system	Recording paper : scratching stylus scratch-record-film Recording speed : 5 mm per sec. Recording pen : diamond point
Driving part	Micro-motor (DC. 12 Volts)
	able to start 100 times, operates for about 1 min. 30 sec. after each starting
Electric-self stater	Vertical component accelerometer
	Natural period : 0.3 sec. Sensitivity at starting : 5 gals
Time marking system	5 pulse/sec, Electric timer
Electric power supply	Nickel-Cadmium Battery (DC 12V, 3.5A, with Automatic charger or AC 100V together)
Dimension	450 (width) x 450 (length) x 350 (height) mm
Net weight	Approximately 70 kg
Frequency Characteristics	

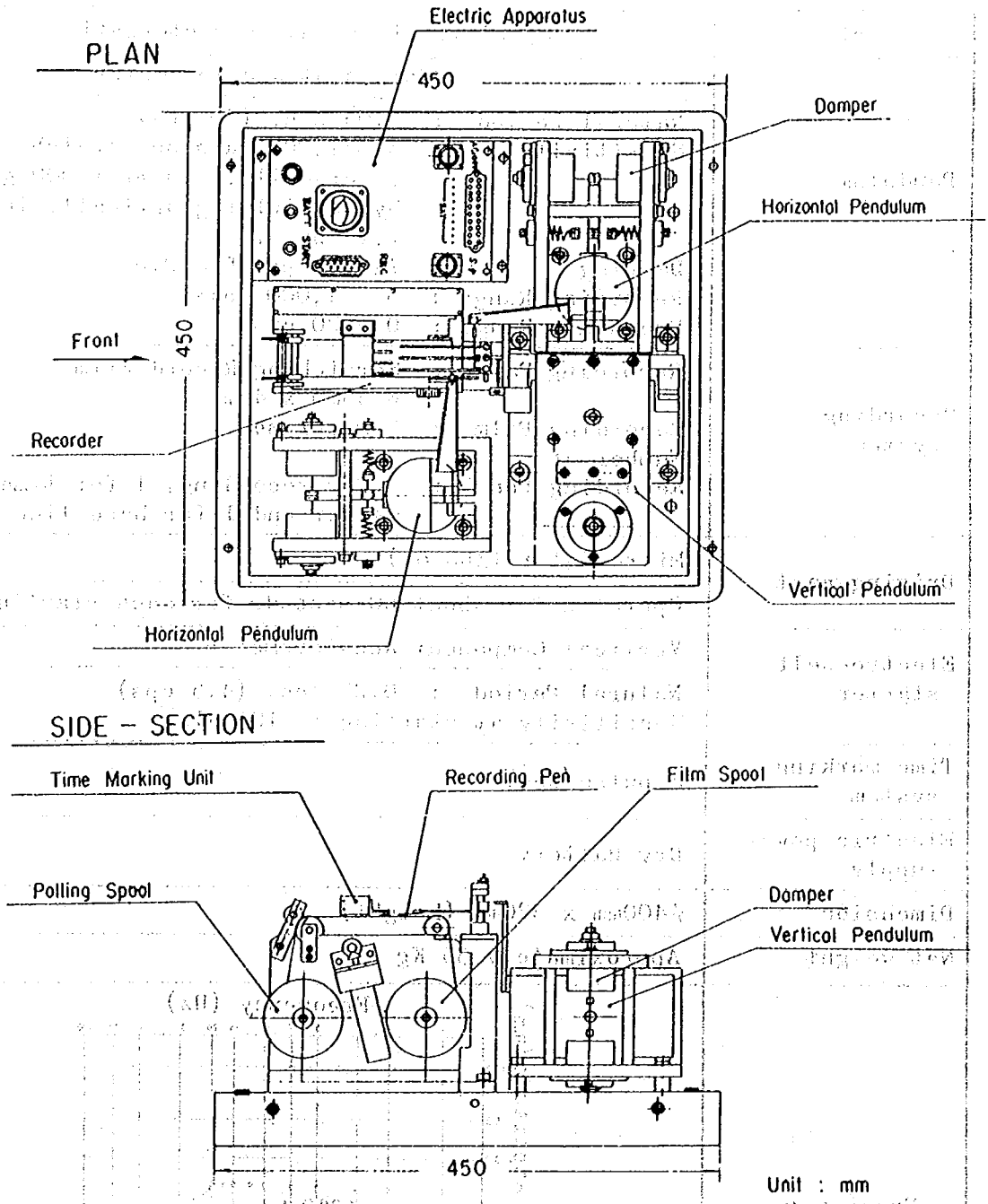
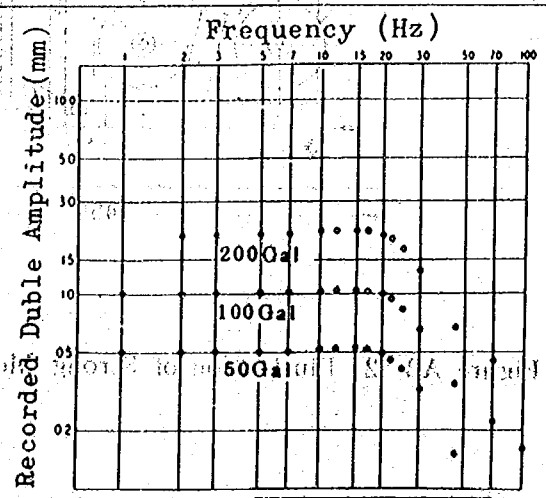
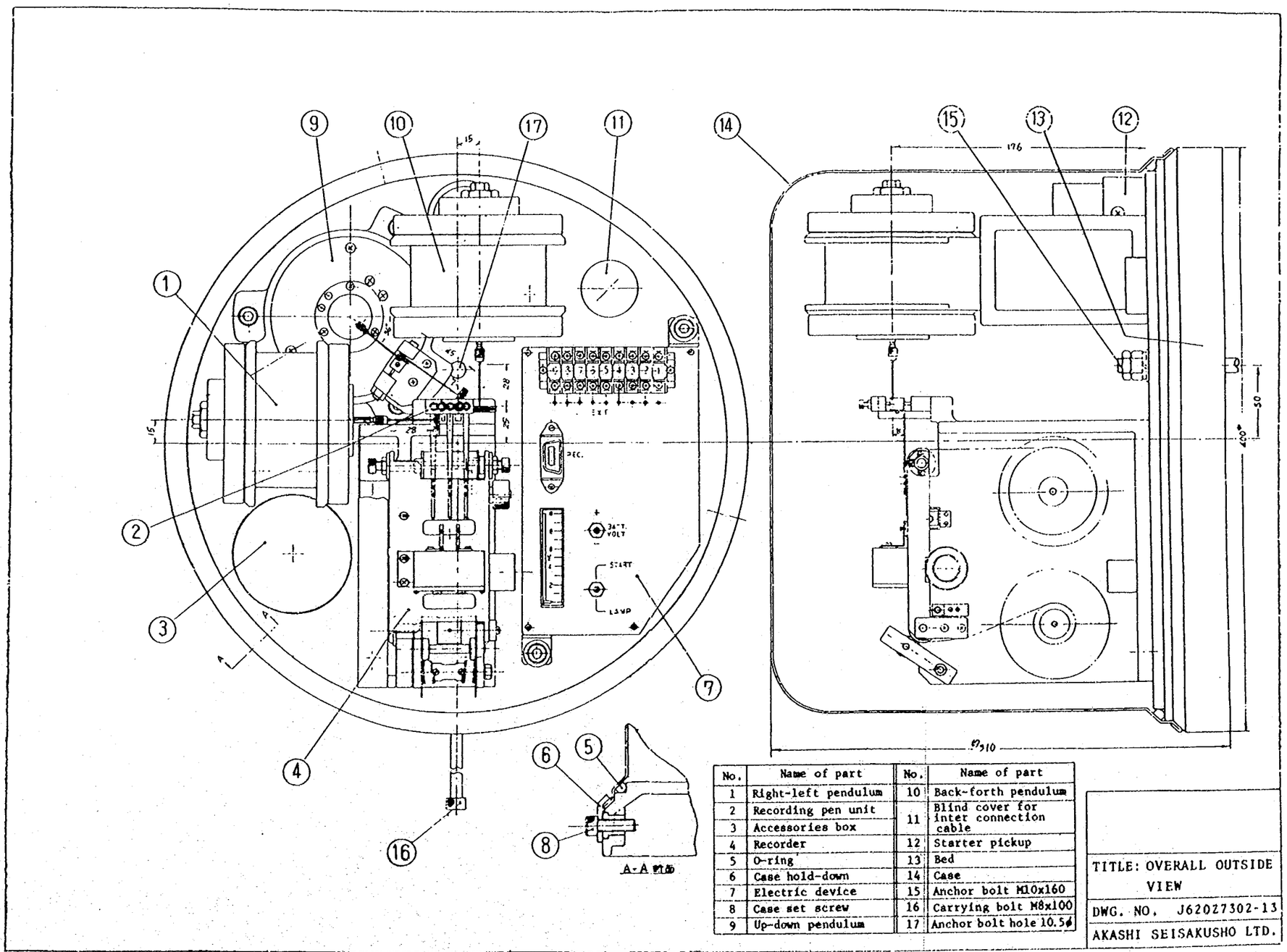


Figure A2-2 Illustration of Strong-Motion Accelerograph, SMAC-D

Table A2--3 Strong-Motion Accelerograph, SMAC-Q

Parts	Specifications and Characteristics
Pendulum	3-Component Accelerometer
	Natural Period : 0.05 sec. (20 cps) Sensitivity : 5mm/1,000 gals on scratch-record-film. 40 mm/1,000 gals by multiplying optically the film by 8. Damping : Air damper h = 0.6 Recording Range : 5 ~ 1,000 gals Frequency Range : 0 ~ 20 cps
Recording system	Recording Paper : Scratching Record-Film ϕ 35mm x 45m Recording Film : 5mm per sec. Number of Recording Pen : 3 for recording, 1 for time marker and 1 for base line
Driving part	Micro-water (±DC 6V)
	Operates for about 90 seconds for each starting
Electro-self starter	Vertical Component Accelerometer
	Natural Period : 0.22 sec. (4.5 cps) Sensitivity at starting : 10 gals
Time marking system	2 pulse/sec
Electric power supply	Dry Battery
Dimension	ϕ400mm x 320mm (height)
Net weight	Approximately 35 Kg
Frequency Characteristics	



No.	Name of part	No.	Name of part
1	Right-left pendulum	10	Back-forth pendulum
2	Recording pen unit	11	Blind cover for inter connection cable
3	Accessories box		
4	Recorder	12	Starter pickup
5	O-ring	13	Bed
6	Case hold-down	14	Case
7	Electric device	15	Anchor bolt M10x160
8	Case set screw	16	Carrying bolt M8x100
9	Up-down pendulum	17	Anchor bolt hole 10.5φ

TITLE: OVERALL OUTSIDE VIEW

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Figure A2-3 Strong-Motion Accelerograph, SMAC-Q

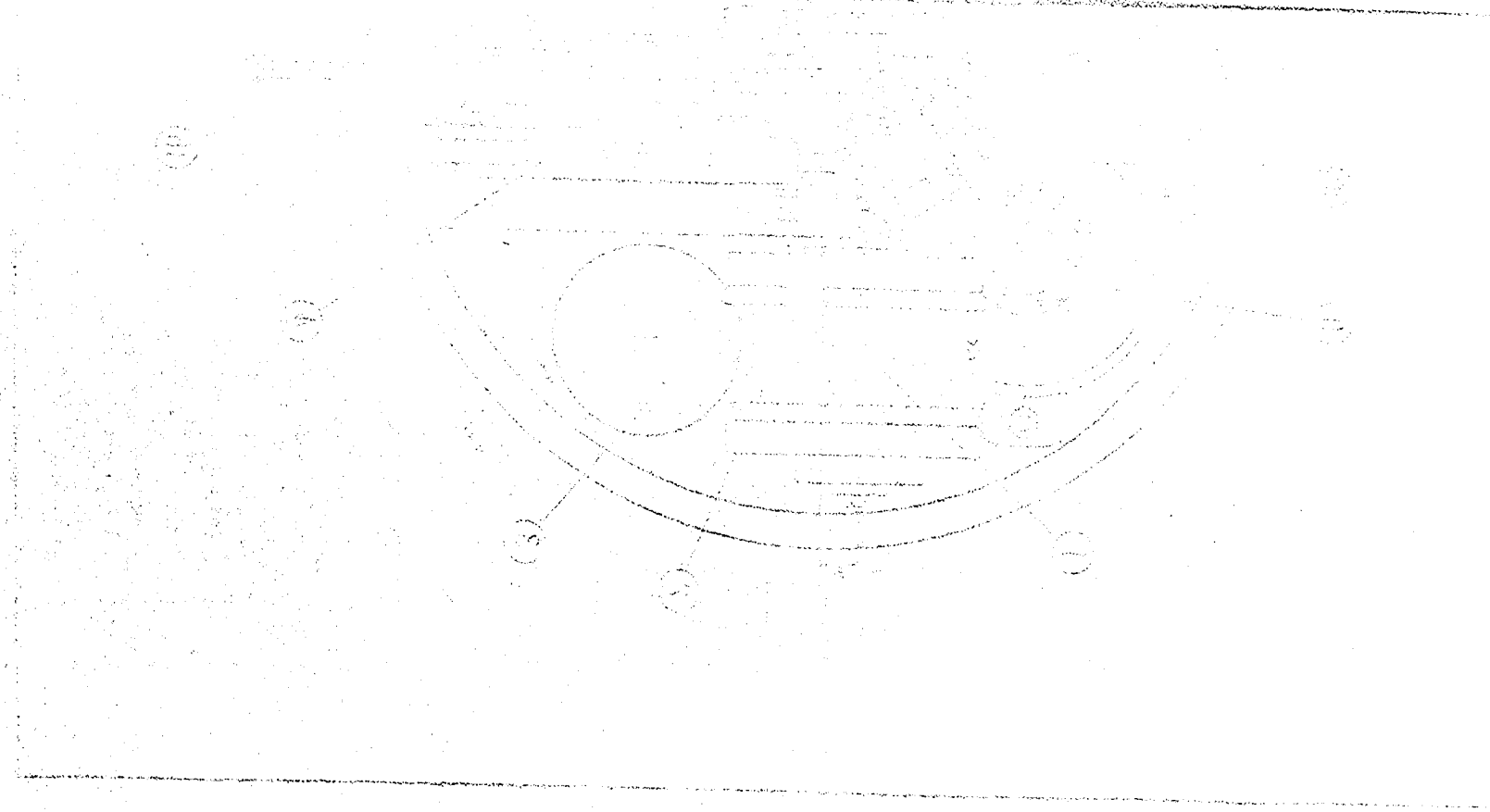
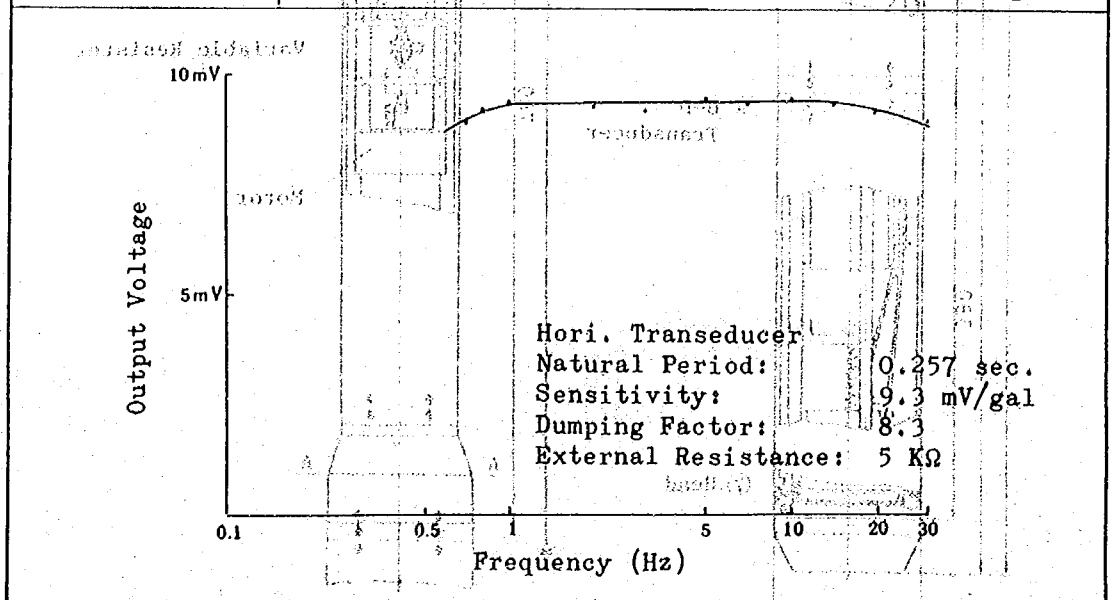


Table A2--4 Bore-hole Seismograph (TYPE-3203)

Parts	Specifications and Characteristics
Transducer	3-Component Accelerometer Natural Period : 0.25 sec. (4 cps) Sensitivity : 7mV/gal Damping Factor : h ≃ 10 Recording Range : 400 gals Frequency Range : 0.5 ~ 30 cps
Test Coil	Coil Resistance : 2 KΩ Usage : able to vibrate a pendulum of transducer with oscilator
Declinometer	Principle : Measuring angles from North with a Optical system and Magnetic Compass Accuracy : ±5 degree
Water-proof	30 Kg/cm^2 (at the joint between cable and case)
Dimension and Net Weight	Total length : 2,230 mm Max. Outside Diameter : 130 mm Length of Declinometer : 790 mm Length of Horizontal Transeducer : 370 mm Length of Vertical Transeducer : 390 mm Net Weight : Approximately 110 Kg



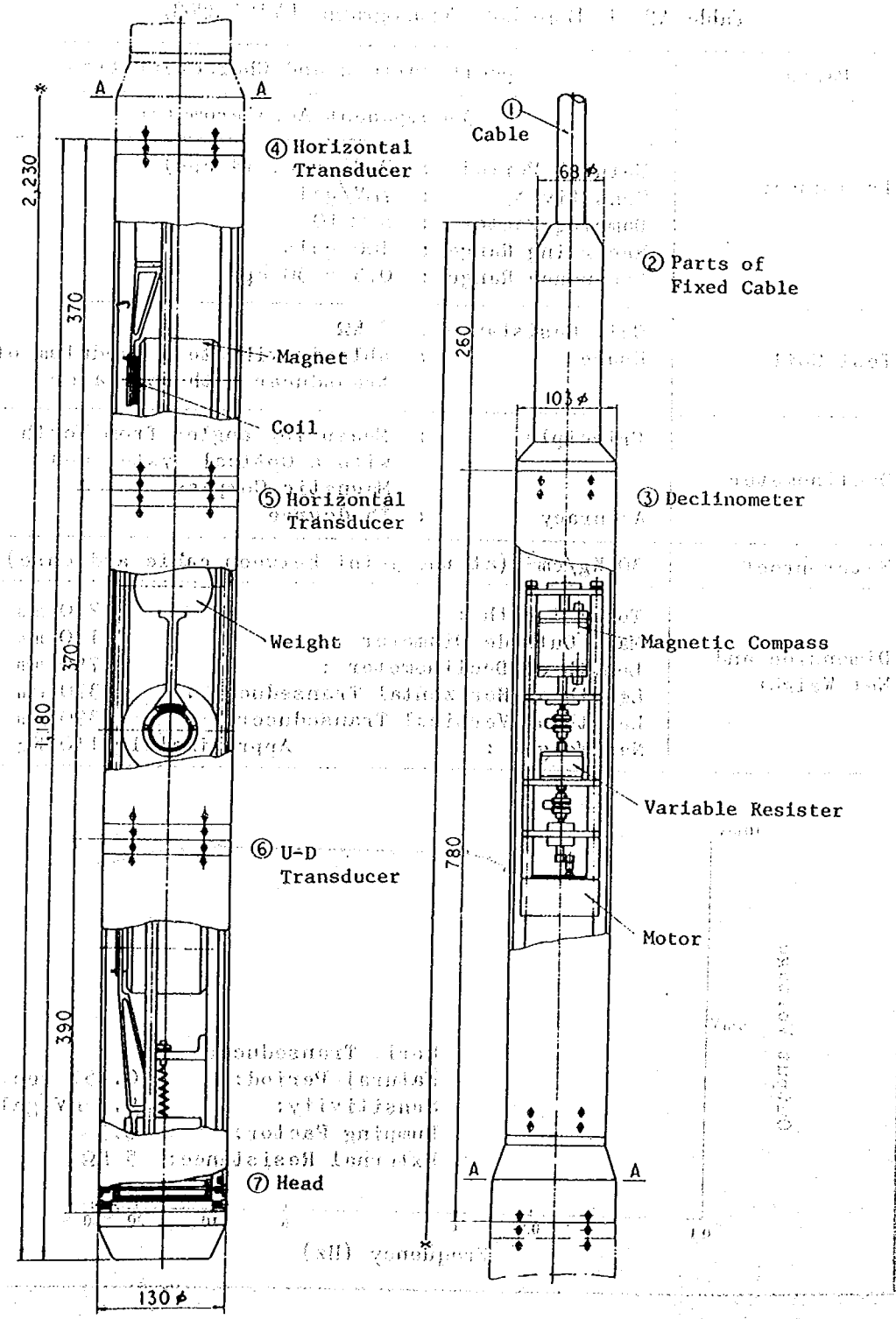
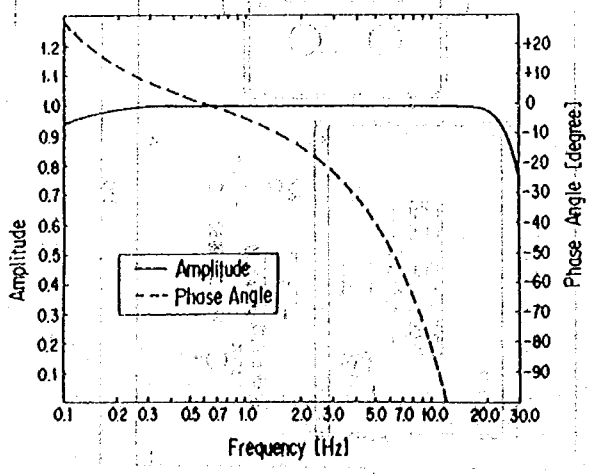
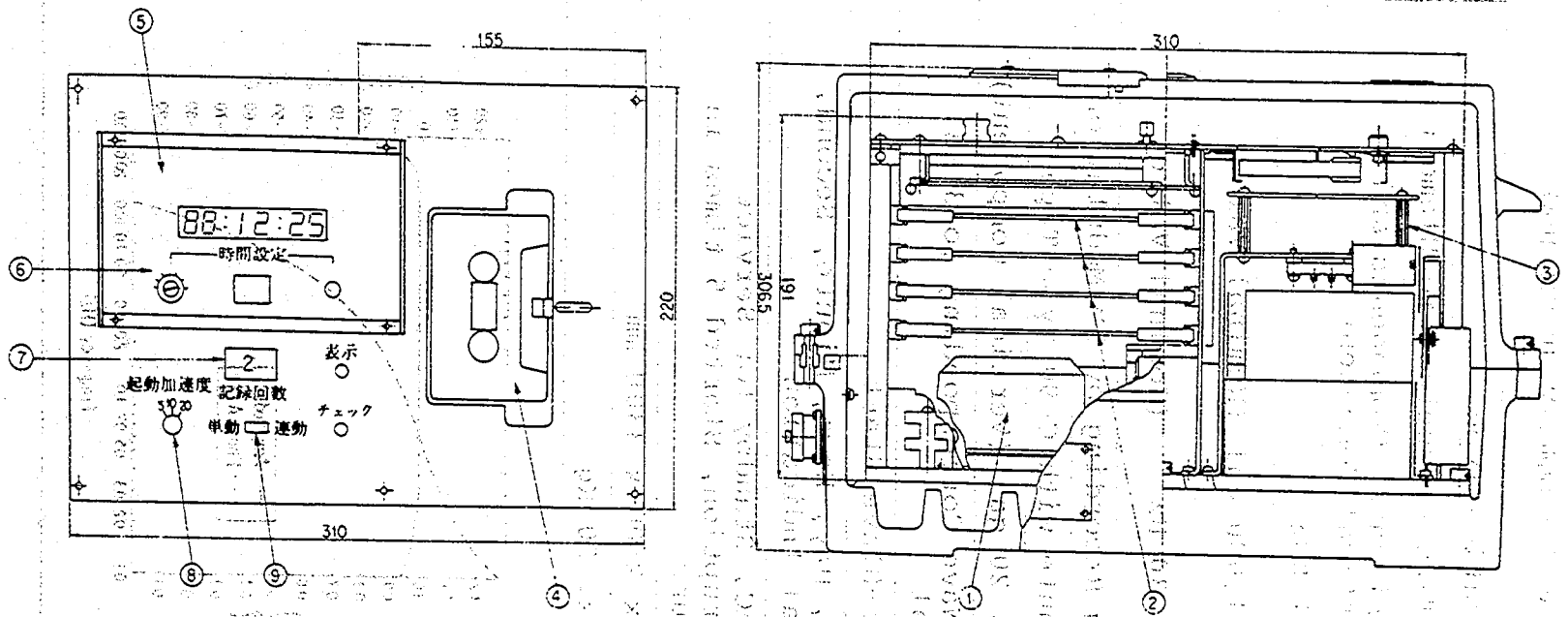


Figure A2—4 Bore-hole Seismograph (TYPE-3203)

Table A2—5 Strong—Motion Accelerograph (SM—10, SM—10A)

Type	Acceleration Type
Transducer	Shear Type Piezoelectric Element
Measuring Components	Two Horizontal Components and One Vertical Component
Natural Frequency	About 1 KHz
Acceleration Measuring Range	10 to 1,000 gal (Nominal Value)
Frequency Measuring Range	0.1 to 30 Hz (Nominal Value)
Recording Method	Analog Recording by FM Modulation
Recording Duration	45 minute with C-90 Type Tape
Trigger Level	5, 10, 20 gal (Vertical Component)
Calibration Signal	Sine Wave Corresponding to 3 Hz, 100 gal
Interlock Function	Master-Slave Start
Clock	Month, Day, Hour, Minute, Second, Digital Indication
Power Source	100V AC, Standby for Service Interruption, Started 5 times in 15 hours
External Dimensions	390W x 250D x 330H mm
Weight	Approx. 20 Kg
Frequency Characteristics	



No.	Name of Part
1	Transducer (3-Component Type)
2	Control Boad
3	Recording Unit
4	Cassette Tape
5	Clock Unit
6	Time Adjust Switch
7	Record Number Indication
8	Trigger Level Switch
9	Interlock Function Switch

Figure A2—5 Newly Developed MOC Accelerograph (SM—10, SM—10A)

付録－3　記録の補正

本資料に収録した地震動記録はSMAC型強震計，電磁式強震計もしくは普及型強震計により得られたものである。SMAC型強震計及び電磁式強震計による記録処理は，記録線上にアナログ量として収録された波形をディジタイザーにより読み取った後に(1)に示す処理を行ったものである。

また，普及型強震計による記録処理は，アナログカセットテープ上に収録された波形をA／D変換器を用いてディジタル化し，(2)に示す処理を行ったものである。

(1)　SMAC型強震計及び電磁式強震計記録処理

1)　中心軸（基線）の補正

ディジタル化した記録の中心軸を最小二乗法により定め，この中心軸が加速度振幅軸の基線となるよう補正したものである。

2)　円弧補正

SMAC型強震計では，記録ペンの構造上，加速度記録はFigure A3－1に示すように，円弧状の曲線を描く。ディジタル化の際には，見かけの加速度振幅A′t′を読み取ってこれを時刻t′での加速度値としているが，加速度振幅が大きくなるにつれて，真の加速度振幅At及びこれの生ずる時間tとの間の誤差が大きくなる。このような点を正しく補正するためには，SMAC型強震計で採取された地震動の記録に対しては，次のような円弧補正を加えている。

Figure A3－1において，見かけの時刻t′において見かけの加速度振幅a′gal（$\overline{A't'}$）をもつ任意の点A′は，正しくは時刻tにおける加速度振幅a gal（$\overline{At}$）の点Aに対応しなければならない。従って今，紙送り速度vが一定であると仮定すると時間軸の補正値Δt及び加速度振幅の補正値Δaは次式のようになる。

$$\Delta t \equiv t' - t = R(1-\cos\theta)/v \qquad \cdots\cdots (A3-1)$$

$$\Delta a \equiv \overset{\frown}{A't} - A't' = R\theta - R\sin\theta \qquad \cdots\cdots (A3-2)$$

ここで

t：正しい時刻

t′：見かけの時刻

R：アーム長

v：紙送り速度

θ：$\sin(a'/R)$ ……(A3－3)

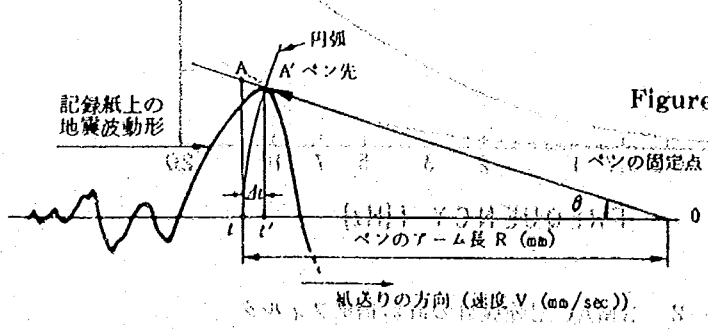


Figure A3—1　Are-Correction of Acceleration Measured by SMAC Type Accelerograph

一般には（A 3－3）式で与えられる θ は極めて小さいため（A 3－2）式で与えられる加速度振幅に対する補正量 da は，微少な値となるので（A 3－1）式で与えられる時間軸の補正（dt）のみを加えることとしている。

3）時間軸補正

記録紙の送りむらを補正するため，地震動記録と同時に記録紙上に等時間間隔で記録されるタイムコードをディジタイザーで読みとり，ディジタル化したデータの時間軸の補正を行う。

4）計器補正

Table A2－1～Table A2－3で示したように，強震計の機種によって特に短周期側における感度が低下する。これより周波数領域においてFigure A3－2に示す補正関数を用い計器補正を行っている。

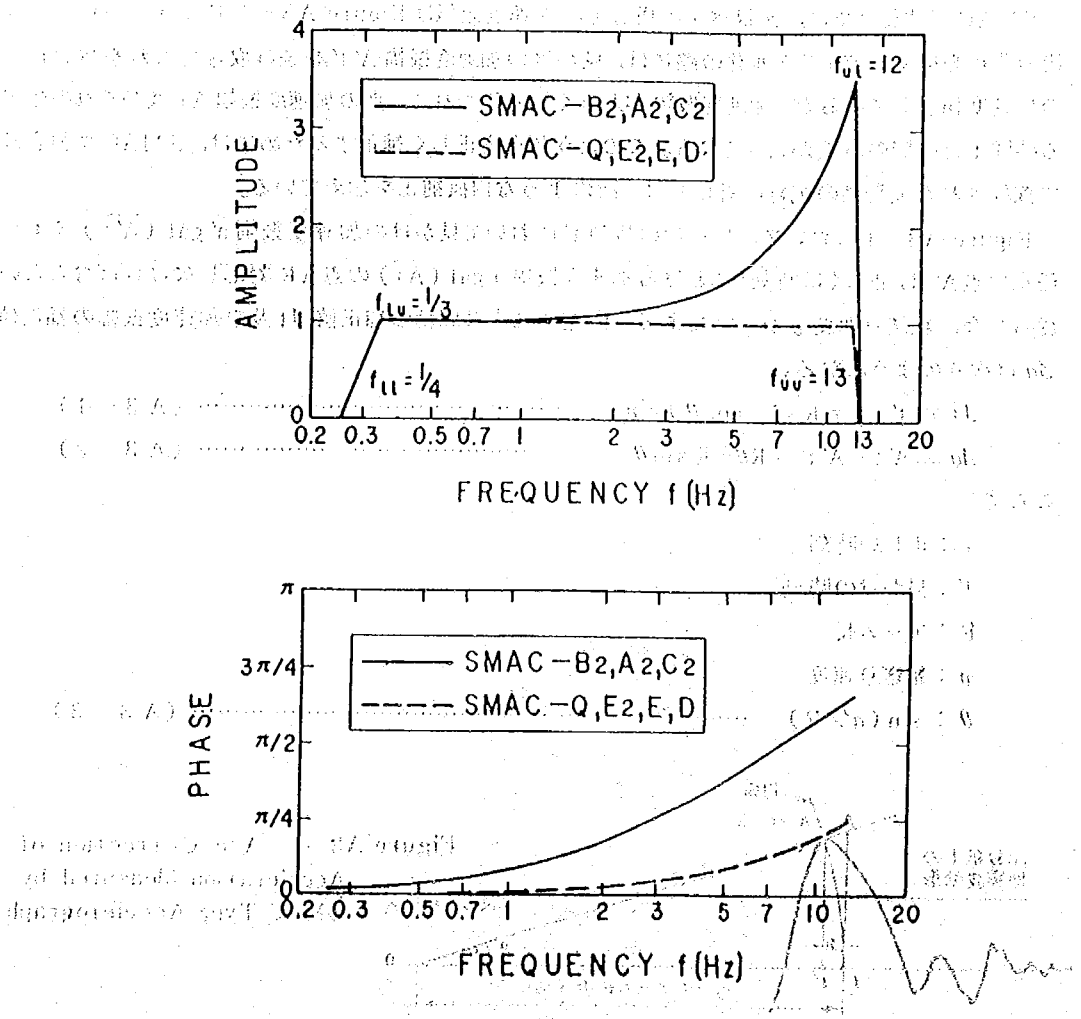


Figure A3—2　SMAC型強震計の計器補正フィルター

ここで短周期成分及び長周期成分については，既往の実験結果より数値化による誤差が大きいことから，Figure A3－2で示すようにバンドパスフィルターを施している。

(2) 普及型強震計記録処理

建設省建設技術評価制度により，昭和56年度に開発された普及型強震計5機種のうち，本年度集報に強震記録が掲載されているSM－10，SM－10A型強震計記録の処理方法を以下に示す。

1) A／D変換

普及型強震計の専用再生装置より出力されるアナログ電圧信号を，同じく再生装置より出力される100 Hzのパルス信号を用いてサンプリングする。この際，3Hz 100 gal相当の校正信号についても，100Hzサンプリングを行う。

2) 基線補正

水平2成分及び上下成分の各成分毎に地震動記録電圧値の平均値を求め基線移動量の補正を行う。

3) 校正値

水平2成分及び上下成分の各成分毎に校正信号30波のP－P電圧平均値を求め，この電圧値を200 galとすることにより校正値を求め，電圧値で与えられている地震動記録の加速度値への変換を行う。

4) 計器補正

Figure A3－3に，普及型強震計及び再生装置を含めた総合的な振幅特性ならびに位相特性を示す。本資料に収録している地震動記録は，振幅特性及び位相特性に関する計器補正を施した後に，SMAC型強震計による記録と同様のバンドパスフィルターを施している。

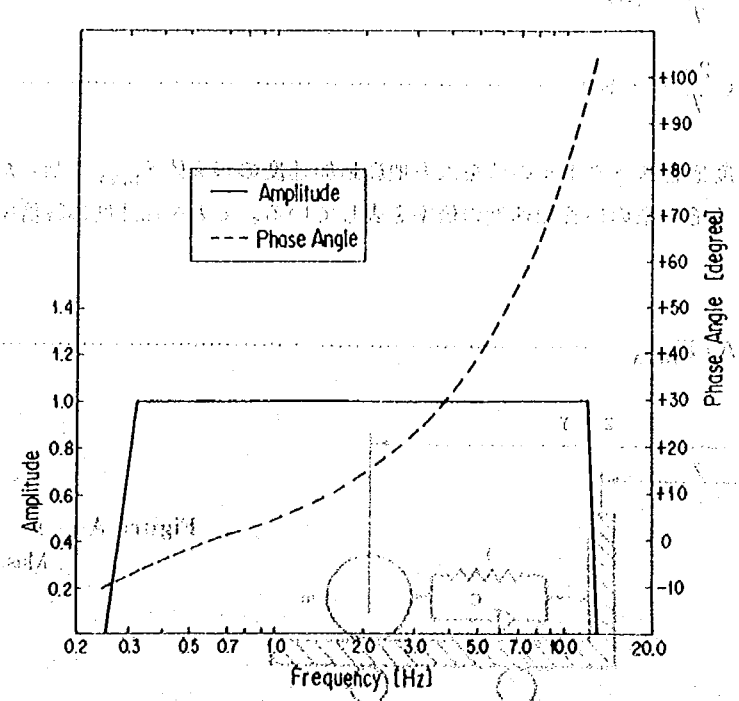


Figure A3—3　普及型強震計の計器補正フィルター

付録－4　加速度応答スペクトルの計算法

Figure A4－1に示す質量m，ばね係数k，減衰係数cからなる1自由度の振動系が$\ddot{z}$なる地震動の加速度を受けた場合の運動方程式は，次式で表される。

$$m\ddot{y}+c\dot{y}+Ky=-m\ddot{z} \quad \cdots\cdots (A4-1)$$

（A4－1）式の解は，次式で与えられる。

$$y=-\frac{1}{\omega p}\int_o^t \ddot{z}(t)\, e^{-ph(t-\tau)} \sin \omega p\,(t-\tau)\, d\tau \quad \cdots\cdots (A4-2)$$

ここで

$\omega p = p\sqrt{1-h^2}$

$p = \sqrt{k/m}$　　：固有円振動数

$h = c/2\cdot\sqrt{m\cdot k}$　　：減衰定数

（A4－2）式の応答変位yは系の減衰定数hをパラメータとして固有周期Tの関数として求められる。

応答変位スペクトル（SD）は，応答変位yの最大値として定義し，次式で表される。

$$SD=|y|_{max}=\frac{1}{\omega p}\left|\int_o^t \ddot{z}(\tau)e^{-ph(t-\tau)} \sin \omega p\,(t-\tau)\, d\tau\right|_{max} \quad \cdots (A4-3)$$

速度応答スペクトル（SV），加速度（絶対加速度）応答スペクトル（SA）は応答変位スペクトル（SD）から近似的に次式で与えられる。

$$SV \simeq \frac{2\pi}{T}\cdot SD \quad \cdots\cdots (A4-4)$$

$$SA \simeq \left(\frac{2\pi}{T}\right)^2\cdot SD \quad \cdots\cdots (A4-5)$$

ここで，加速度応答スペクトルの値を入力地震動加速度の最大値$\ddot{z}_{max}$で割った値は，いわば地震動の加速に対するその系の応答加速度の倍率を表している。これを加速度応答倍率スペクトルβと定義した。

すなわち

$$\beta = SA/\ddot{z}_{max} \quad \cdots\cdots (A4-6)$$

である。

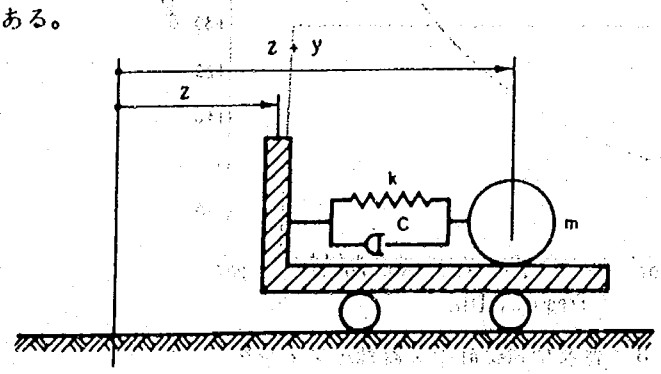


Figure A4—1　Response of One Mass-Spring System

付録－5　英文解説〔English Description〕

APPENDIX－5　ENGLISH DESCRIPTION

Table－2 shows items of earthquake contained in this issue. Explanation of items in Table－2 is as follows.

ITEM OF TABLE 2	EXPLANATION
SERIAL NUMBER	Serial number
EARTHQUAKE NUMBER	Index number of earthquake obtained records Contains two information, year and serial number in the year.
EPICENTRAL REGION	Epicentral region named by Japan Meteorological Agency.
ORIGIN DATE AND TIME (JAPAN STANDARD TIME)	Origin date and time by J. M. A. (Japan Standard Time)
EAST LONGITUDE	East longitude of epicenter by J. M. A. (degree, minute)
NORTH LATITUDE	North latitude of epicenter by J. M. A. (degree, minute)
FOCAL DEPTH (KM)	Focal depth (km)
MAGNITUDE (J. M. A. MAGNITUDE)	J. M. A. Magnitude

Table－3 shows items of records which waye figures, response spectva and numerical values are is this issue. Expranation of items in Table－3 is as follows.

ITEM OF TABLE 3	EXPLANATION
SERIAL NUMBER	Serial Number
EARTHQUAKE NUMBER	Index number of earthquake obtained records. Contains two information, year and serial number in the year.
INDEX NUMBER	Index number of records registered by Public Works Research Institute
RECORD NUMBER	Record number contains three information, Staition number, Installation condition and Sequence number. STATION NUMBER : Number representing the place where accelerographs are installed INSTALLATION CONDITION : Character representing the point where accelerograph is installed. GR : ground surface PI : pier top of bridge AB : abutment of bridge G : girder FU : footing of pier DA : dam ES : estuary dam GT : water gate BK : embankment TU : tunnel US : under ground structure n.F or Bn.F : building ST : other structure UG : under ground SEQUENCE NUMBER : Number representing the sequence of earthquake motion recorded by the accelerometer
STATION NAME	Earthquake observation station name
COMPONENT	Direction of component LG : Longitude of structure U－D : Up－Down TR : Transverse of structure HA : Horizontal component A

ITEM OF TABLE 3	EXPLANATION
	HB : Horizontal component B
MAXIMUM ACCELERATION VALUE (GAL)	Maximum acceleration value of record (gal)
MAXIMUM ACCELERATION TIME (SEC)	Time when maximum acceleration value occur.
DIGITIZED TIME (sec)	Digitized time from bigining to end.
DATA POINT NUMBER	Number of numeral values.

Table — 4 shows items of records obtained by earthquakes of Table — 2 It contains three information, items of earthquake, observed records and station data. Explanation of items in Table — 4 is as follows.

	ITEM OF TABLE 4	EXPLANATION
ITEMS OF EARTHQUAKE		Explanation is written in Table — 2
OBSERVED RECORDS	STATION NUMBER	Number representing the place where accelerographs are installed.
	INSTALLATION CONDITION	Character representing the point where accelerographs is installed (refering to Table — 3)
	RECORD NUMBER	Number representing the sequence of earthquake motion recorded by the accelerometer
	EPICENTRAL DISTANCE (KM)	Epicentral distance (km)
	MAXIMUM VALUE OF ORIGINAL RECORD (GAL)	Maximum acceleration values measured from original records (gal)
	MAXIMUM VALUE OF ARRANGED RECORD (GAL)	Maximum acceleration values after digitized and corrected records (gal)
	INDEX NUMBER	Index number of records registered by public Works Research Institute.
STATION DATA	STATION NUMBER	Same as above.
	STATION NAME	Station name.
	INSTALLATION CONDITION	Character representing the point where accelerographs is installed (refering to Table — 3)
	EAST LONGITUDE	East longitude of site where accelerographs is installed (degree, minute, second)

ITEM OF TABLE 3	EXPLANATION
	HB : Horizontal component B
MAXIMUM ACCELERATION VALUE (GAL)	Maximum acceleration value of record (gal)
MAXIMUM ACCELERATION TIME (SEC)	Time when maximum acceleration value occur.
DIGITIZED TIME (sec)	Digitized time from bigining to end.
DATA POINT NUMBER	Number of numeral values.

Figure 4 — 1 shows the location of the stations obtained records by the earthquakes listed at Table 2.

Figure 4 — 2 shows the location of the Japan Meteorological Agency stations where. J. M. A. seismic intensity is larger than or equal I.

Figure 5 show corrected acceleration wave in the sequence of index number listed at Table 3.

Figure 6 show acceleration response spectrum ratio of the records in the sequence of index number listed at Table 3.

Figure 7 show the numerical value of the corrected acceleration in the sequence of index number listed at Table 3.