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土木構造物における加速度強震記録（No. 20）

Strong-Motion Acceleration Records from Public Works in Japan (No. 20)

平成6年1月
January 1994

建設省土木研究所

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January 1994

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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20巻めの資料である。この資料には，1992年1月から1992年12月までに発生した地震のうち，強震記録の得られた55地震237記録のデータを収録している。このうち3地震20記録60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3地震9記録27成分のデータについては，ディジタル数値を記載している。

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 20th report presenting earthquake acceleration motions measured on structures (except building or port structures) and on grounds near the structures in Japan. This issue contains 237 records caused by 55 Earthquakes measured between January 1992 and December 1992. 60 components (20 records) caused by 3 Earthquakes are together with acceleration time histories and linear response spectra of the records, and 27 components among them are together also with digitized values.

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

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猿谷ダムに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20巻めの資料であり，1992年1月から1992年12月までに発生した地震のうち強震記録の得られた55地震237記録のデータを収録している。このうち，3地震20記録60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3地震9記録27成分のデータについてはディジタル数値を記載している。

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20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
20	第　号	1992. 1～1992.12	3地震	60成分		平成6年（1994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，1992年1月から1992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(1) 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	92001	SOUTHERN YAMAGATA PREF	1992.01.22.10:06	140 32	38 24	120	5.7
2	92002	SW OFF KYUSHU	1992.01.30.10:51	129 55	31 43	17	4.9
3	92003	TOKYO BAY REGION	1992.02.02.04:04	139 47	35 13	92	5.9
4	92004	NORTHERN TOCHIGI PREF	1992.03.21.05:29	139 28	36 48	8	4.3
5	92005	NORTHERN TOCHIGI PREF	1992.03.21.05:31	139 29	36 49	9	3.1
6	92006	E OFF FUKUSHIMA PREF	1992.03.29.17:28	141 20	36 53	68	4.7
7	92007	OFF NEMURO PENINSULA	1992.03.31.05:45	145 15	42 51	46	5.3
8	92008	E OFF FUKUSHIMA PREF	1992.04.02.22:12	141 02	37 26	74	4.5
9	92009	EASTERN YAMANASHI PREF	1992.04.08.11:49	138 59	35 30	28	4.1
10	92010	E OFF IWATE PREF	1992.04.10.04:45	142 05	39 38	49	3.8
11	92011	TOKYO PREF	1992.04.10.23:31	139 37	35 42	89	4.9
12	92012	E OFF IWATE PREF	1992.04.13.15:39	142 23	39 08	53	3.6
13	92013	SW IBARAKI PREF	1992.04.14.12:03	139 50	36 10	62	4.9
14	92014	MID KYOTO PREF	1992.04.17.09:46	135 46	35 16	13	3.6
15	92015	SW IBARAKI PREF	1992.04.23.01:21	139 53	36 05	58	4.3
16	92016	NORTHERN SURUGA BAY REG	1992.04.24.21:12	138 41	34 57	16	3.1
17	92017	AKAISHI MOUNTAINS REG	1992.04.27.12:52	138 12	35 40	18	3.3
18	92018	E OFF IWATE PREF	1992.05.01.18:32	142 07	39 37	49	3.9
19	92019	NORTHERN IBARAKI PREF	1992.05.11.19:07	140 32	36 31	56	5.6
20	92020	NORTHERN IBARAKI PREF	1992.05.16.11:54	140 44	36 27	94	4.2
21	92021	TOKYO BAY REGION	1992.05.20.17:23	139 46	35 12	92	4.8
22	92022	E OFF IBARAKI PREF	1992.06.01.22:51	141 16	36 40	44	5.7
23	92023	SOUTHERN NAGANO PREF	1992.06.21.04:03	137 51	35 48	13	4.1
24	92024	HAMANAKO LAKE REGION	1992.07.07.00:11	137 38	34 44	38	4.6
25	92025	E OFF AOMORI PREF	1992.07.12.20:08	142 02	41 27	64	6.3
26	92026	E OFF AOMORI PREF	1992.07.12.20:13	142 05	41 26	60	4.5
27	92027	FAR E OFF SANRIKU	1992.07.18.17:36	143 40	39 22	0	6.9
28	92028	FAR E OFF SANRIKU	1992.07.18.17:39	143 26	39 24	0	6.9
29	92029	FAR E OFF SANRIKU	1992.07.18.19:20	143 22	39 25	0	6.4
30	92030	SW GIFU PREF	1992.07.30.20:16	136 30	35 30	38	5.3
31	92031	AKAISHI MOUNTAINS REG	1992.08.05.13:58	138 03	35 54	11	4.3
32	92032	SOUTHERN MIYAZAKI PREF	1992.08.16.11:29	131 16	31 53	62	4.3
33	92033	SW IBARAKI PREF	1992.08.27.13:09	139 58	36 03	57	4.7
34	92034	E OFF MIYAGI PREF	1992.08.27.21:28	142 13	38 38	45	4.9
35	92035	FAR S OFF TOKAI DISTRICT	1992.08.30.04:19	138 20	33 12	325	6.6
36	92036	SOUTHERN MIYAGI PREF	1992.09.01.17:58	140 28	38 06	8	4.7
37	92037	NORTHERN IBARAKI PREF	1992.09.14.11:46	140 40	36 26	55	4.0
38	92038	TOCHIGI GUNMA BORDER	1992.09.22.17:20	139 32	36 42	8	4.0
39	92039	NORTHERN IBARAKI PREF	1992.09.29.07:16	140 36	36 39	98	4.3
40	92040	E OFF IBARAKI PREF	1992.10.01.11:31	140 58	36 35	45	4.6
41	92041	E OFF FUKUSHIMA PREF	1992.10.07.03:58	141 30	37 32	76	4.7
42	92042	TOKYO BAY REGION	1992.10.14.14:36	139 47	35 30	63	4.1
43	92043	E OFF IBARAKI PREF	1992.11.01.00:10	141 08	36 42	49	4.8
44	92044	NORTHERN IBARAKI PREF	1992.11.05.16:39	140 37	36 28	57	3.9
45	92045	NORTHERN IBARAKI PREF	1992.11.06.07:35	140 36	36 28	52	4.1
46	92046	HYUGANADA REGION	1992.11.09.17:39	131 38	32 09	58	4.2
47	92047	KANAGAWA PREF	1992.11.19.17:47	139 41	35 31	40	3.9
48	92048	SW IBARAKI PREF	1992.11.28.09:46	139 53	36 05	60	4.7
49	92049	SW HYOGO PREF	1992.12.09.15:36	134 49	34 46	14	3.5
50	92050	MID NIIGATA PREF	1992.12.27.11:17	138 35	36 58	10	4.5

Table 2(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)
51	92051	E OFF MIYAGI PREF	1992.12.28.01:21	142 33	38 55	34	5.9
52	92052	AKAISHI MOUNTAINS REG	1992.12.29.04:12	138 00	35 22	11	3.5
53	92053	E OFF MIYAGI PREF	1992.12.29.11:08	142 28	38 58	31	4.7
54	92054	E OFF MIYAGI PREF	1992.12.31.16:02	142 33	38 55	32	5.7
55	92055	E OFF MIYAGI PREF	1992.12.31.16:26	142 35	38 55	30	5.8

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 ： 河口堤の記録（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）
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 ： 構造物長軸直角方向（Transverse） HA ： 水平方向A成分（Horizonal Component A） HB ： 水平方向B成分（Horizonal Component B）

Table 3の項目	説　　明
MAXIMUM ACCELERATION VALUE (GAL)	地震動記録の最大加速度値（gal）
MAXIMUN 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	92002	1994	S706-UG-1-5	SENDAIGAWA EMB.	HA. (HA.)	24.6	2.53	48.72	4872
2	92002	1995	S706-UG-1-5	SENDAIGAWA EMB.	U-D	-10.9	1.74	48.72	4872
3	92002	1996	S706-UG-1-5	SENDAIGAWA EMB.	HB. (HB.)	-23.5	3.94	48.72	4872
4	92002	1997	S706-GR-1-5	SENDAIGAWA EMB.	HA. (HA.)	29.5	3.50	48.72	4872
5	92002	1998	S706-GR-1-5	SENDAIGAWA EMB.	U-D	15.0	2.13	48.72	4872
6	92002	1999	S706-GR-1-5	SENDAIGAWA EMB.	HB. (HB.)	-33.2	3.98	48.72	4872
7	92002	2000	S706-BK-1-5	SENDAIGAWA EMB.	HA. (HA.)	-29.9	3.89	48.72	4872
8	92002	2001	S706-BK-1-5	SENDAIGAWA EMB.	U-D	16.6	2.17	48.72	4872
9	92002	2002	S706-BK-1-5	SENDAIGAWA EMB.	HB. (HB.)	38.2	2.43	48.72	4872
10	92003	2003	101-GR-1-122	SHINKATSUSHIKA B	HA. (HA.)	120.6	11.22	65.00	6500
11	92003	2004	101-GR-1-122	SHINKATSUSHIKA B	U-D	-28.8	11.80	65.00	6500
12	92003	2005	101-GR-1-122	SHINKATSUSHIKA B	HB. (HB.)	-223.6	11.65	65.00	6500
13	92003	2006	101-PI-1-46	SHINKATSUSHIKA B	HA. (HA.)	154.5	10.71	95.00	9500
14	92003	2007	101-PI-1-46	SHINKATSUSHIKA B	U-D	-23.2	8.96	95.00	9500
15	92003	2008	101-PI-1-46	SHINKATSUSHIKA B	HB. (HB.)	289.6	10.99	95.00	9500
16	92003	2009	104-GR-1-70	SHINTONEGAWA BR.	HA. (HA.)	42.5	14.84	65.00	6500
17	92003	2010	104-GR-1-70	SHINTONEGAWA BR.	U-D	-11.6	7.92	65.00	6500
18	92003	2011	104-GR-1-70	SHINTONEGAWA BR.	HB. (HB.)	21.9	17.23	65.00	6500
19	92003	2012	104-PI-1-42	SHINTONEGAWA BR.	HA. (HA.)	21.6	0.10	65.00	6500
20	92003	2013	104-PI-1-42	SHINTONEGAWA BR.	U-D	3.6	0.04	65.00	6500
21	92003	2014	104-PI-1-42	SHINTONEGAWA BR.	HB. (HB.)	-11.9	3.12	65.00	6500
22	92003	2015	206-GR-1-62	OMIGAWA BRIDGE	HA. (HA.)	59.1	8.18	51.00	5100
23	92003	2016	206-GR-1-62	OMIGAWA BRIDGE	U-D	16.6	0.05	51.00	5100
24	92003	2017	206-GR-1-62	OMIGAWA BRIDGE	HB. (HB.)	-56.1	13.68	51.00	5100
25	92003	2018	206-PI-1-24	OMIGAWA BRIDGE	HA. (HA.)	-70.1	22.85	52.00	5200
26	92003	2019	206-PI-1-24	OMIGAWA BRIDGE	U-D	-10.6	0.15	52.00	5200
27	92003	2020	206-PI-1-24	OMIGAWA BRIDGE	HB. (HB.)	33.8	10.72	52.00	5200
28	92003	2021	501-GR-1-152	FUTTU CAPE	HA. (HA.)	-320.3	10.96	65.00	6500
29	92003	2022	501-GR-1-152	FUTTU CAPE	U-D	-33.2	11.35	65.00	6500
30	92003	2023	501-GR-1-152	FUTTU CAPE	HB. (HB.)	-122.8	10.80	65.00	6500
31	92003	2024	503-GR-1-90	KANNONZAKI	HA. (HA.)	-232.1	10.85	61.00	6100
32	92003	2025	503-GR-1-90	KANNONZAKI	U-D	45.5	10.82	61.00	6100
33	92003	2026	503-GR-1-90	KANNONZAKI	HB. (HB.)	140.0	10.65	61.00	6100
34	92003	2027	712-GR-1-17	EDOGAWA EMB.	HA. (HA.)	-164.7	12.09	34.50	3450
35	92003	2028	712-GR-1-17	EDOGAWA EMB.	U-D	31.0	13.63	34.50	3450
36	92003	2029	712-GR-1-17	EDOGAWA EMB.	HB. (HB.)	-154.5	12.09	34.50	3450
37	92003	2030	712-BK-1-24	EDOGAWA EMB.	HA. (HA.)	-100.3	12.57	34.00	3400
38	92003	2031	712-BK-1-24	EDOGAWA EMB.	U-D	-45.6	10.33	34.00	3400
39	92003	2032	712-BK-1-24	EDOGAWA EMB.	HB. (HB.)	-119.4	12.24	34.00	3400
40	92003	2033	902-GR-1-79	NISHIARAI BRIDGE	HA. (HA.)	-165.0	11.53	96.00	9600
41	92003	2034	902-GR-1-79	NISHIARAI BRIDGE	U-D	-52.7	11.99	96.00	9600
42	92003	2035	902-GR-1-79	NISHIARAI BRIDGE	HB. (HB.)	-157.8	10.97	96.00	9600
43	92003	2036	902-PI-1-71	NISHIARAI BRIDGE	HA. (HA.)	95.0	11.77	65.00	6500
44	92003	2037	902-PI-1-71	NISHIARAI BRIDGE	U-D	-18.4	10.44	65.00	6500
45	92003	2038	902-PI-1-71	NISHIARAI BRIDGE	HB. (HB.)	-123.6	10.26	65.00	6500
46	92003	2039	902-PI-2-51	NISHIARAI BRIDGE	HA. (HA.)	-88.2	0.13	58.00	5800
47	92003	2040	902-PI-2-51	NISHIARAI BRIDGE	U-D	-29.2	0.22	58.00	5800
48	92003	2041	902-PI-2-51	NISHIARAI BRIDGE	HB. (HB.)	-141.7	0.13	58.00	5800
49	92003	2042	S705-UG-1-15	ARAKAWA EMB.	HA. (HA.)	32.6	13.90	77.16	7716
50	92003	2043	S705-UG-1-15	ARAKAWA EMB.	U-D	-9.0	0.01	77.16	7716

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	92003	2044	S705-UG-1-15	ARAKAWA EMB.	HB. (HB.)	23.3	13.65	77.16	7716
52	92003	2045	S705-UG-2-36	ARAKAWA EMB.	HA. (HA.)	46.5	14.08	77.16	7716
53	92003	2046	S705-UG-2-36	ARAKAWA EMB.	U-D	-14.0	0.14	77.16	7716
54	92003	2047	S705-UG-2-36	ARAKAWA EMB.	HB. (HB.)	39.8	14.50	77.16	7716
55	92003	2048	S705-BK-1-36	ARAKAWA EMB.	HA. (HA.)	71.3	14.20	77.16	7716
56	92003	2049	S705-BK-1-36	ARAKAWA EMB.	U-D	24.0	0.03	77.16	7716
57	92003	2050	S705-BK-1-36	ARAKAWA EMB.	HB. (HB.)	60.2	13.94	77.16	7716
58	92019	2051	S707-GR-1-9	KUJIGAWA EMB.	HA. (HA.)	59.9	1.23	47.83	4783
59	92019	2052	S707-GR-1-9	KUJIGAWA EMB.	U-D	27.2	0.20	47.83	4783
60	92019	2053	S707-GR-1-9	KUJIGAWA EMB.	HB. (HB.)	-64.6	0.97	47.83	4783

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 ORIGINAL RECORD (GAL)	数値化及び計器補正後の最大加速度（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）
	EAST LPNGITUDE	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 4−2 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	92001
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.01.22 10:06 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SOUTHERN YAMAGATA PREF
	HYPOCENTER	
	EAST LONGITUDE	140 32.4'
	NORTH LATITUDE	38 24.5'
	FOCAL DEPTH	120 KM
	MAGNITUDE	5.7 (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.
S104	GR-1	39	44	9	4	9						
S104	GR-2	39	44	4	3	4						
S104	FU-1	39	44	6	3	7						
S104	PI-1	33	44	7	3	6						
S104	PI-2	37	44	4	2	3						

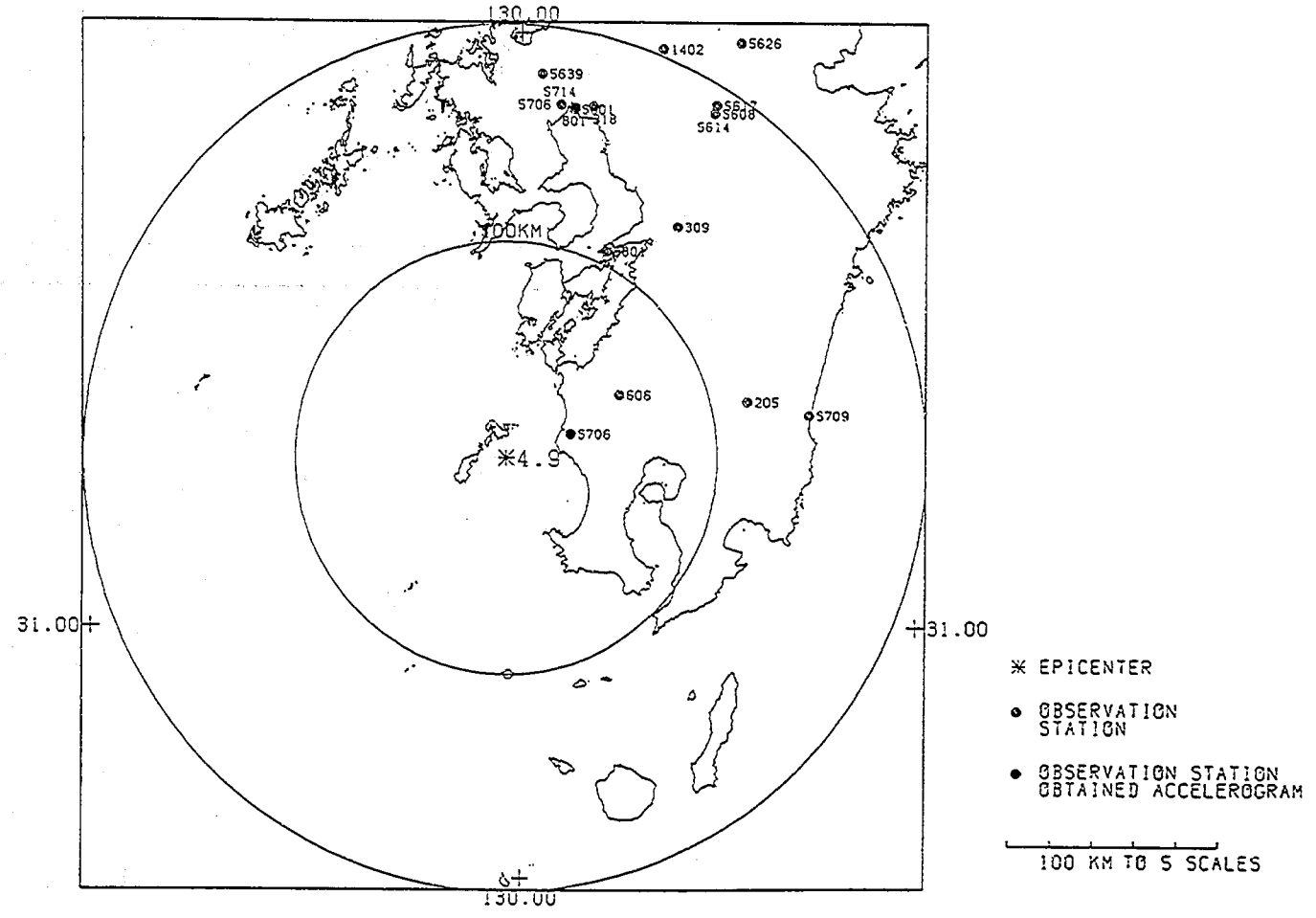
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI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

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92002
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.01.30 10:51 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SW OFF KYUSHU
	HYPOCENTER	
	EAST LONGITUDE	129 55.3'
	NORTH LATITUDE	31 43.5'
	FOCAL DEPTH	17 KM
	MAGNITUDE	4.9 (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.
S706	GR-1	5	33	31	19	32	29.5	15.0	-33.2	1997	1998	1999
S706	UG-1	5	33	26	11	23	24.6	-10.9	-23.5	1994	1995	1996
S706	BK-1	5	33	31	20	39	-29.9	16.6	38.2	2000	2001	2002

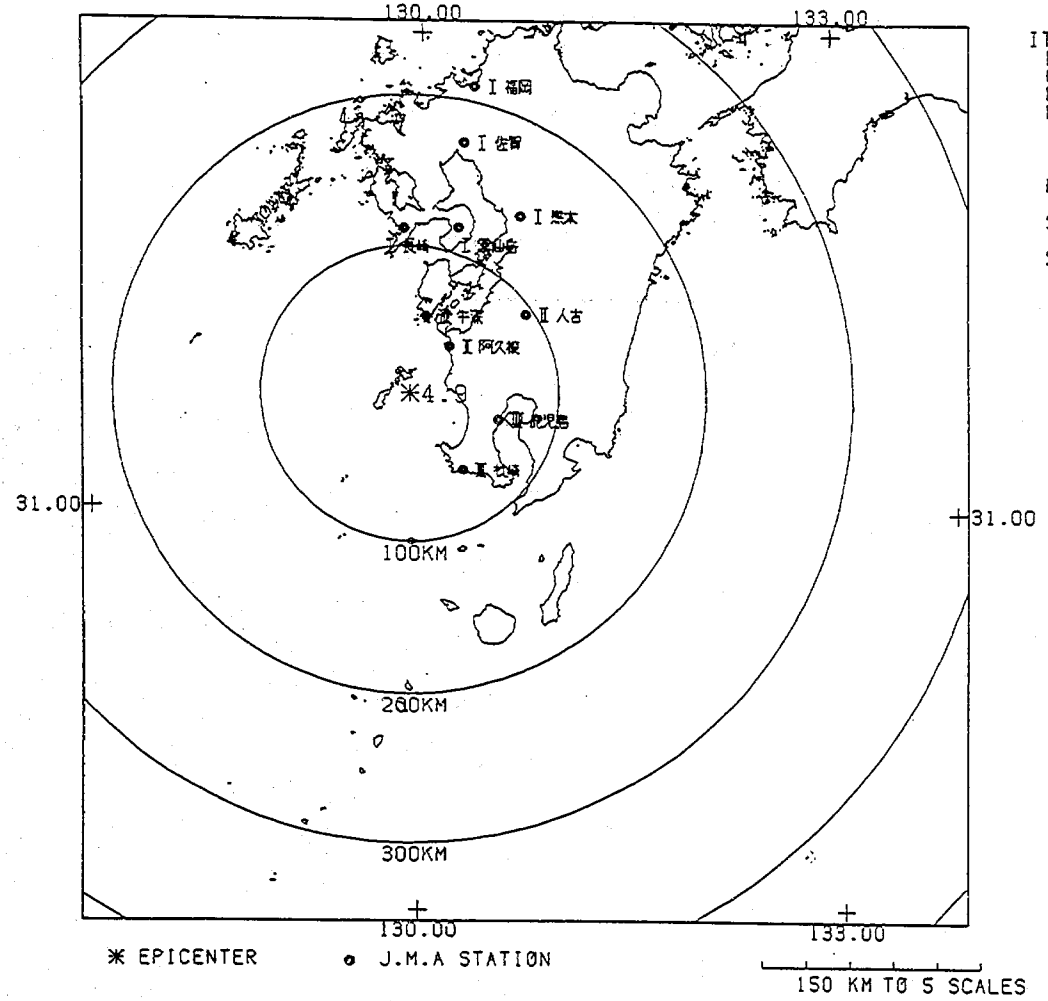
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S706	SENDAIGAWA EMB.	GR-1	130 14 43	31 49 37	******			******
S706	SENDAIGAWA EMB.	UG-1	130 14 43	31 49 37	******			******
S706	SENDAIGAWA EMB.	BK-1	130 14 43	31 49 37	******			******



ITEMS OF EARTHQUAKE	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.01.30 10:51(JAPAN STANDARD TIME)
	EPICENTRAL REGION	SW OFF KYUSHU
	HYPOCENTER	
	EAST LONGITUDE	129°55'3"
	NORTH LATITUDE	31°43'5"
	FOCAL DEPTH	17KM
	MAGNITUDE	4.9(J.M.A. MAGNITUDE)

LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM

Figure 4—1—2 EARTHQUAKE NUMBER 92002



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1992.01.30 10:51(JAPAN STANDARD TIME)
EPICENTRAL REGION SW OFF KYUSHU
HYPOCENTER
EAST LONGITUDE 129°55'3"
NORTH LATITUDE 31°43'5"
FOCAL DEPTH 17KM
MAGNITUDE 4.9(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME		EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
III	牛深	USHIBUKA	130 2.0	32 12.0	53.8
	鹿児島	KAGOSHIMA	130 33.2	31 34.4	62.1
	牧崎	MAKURAZAKI	130 18.0	31 16.0	62.3
II	阿久根	AKUNE	130 12.0	32 1.0	41.7
	人吉	HITOYOSHI	130 45.0	32 13.0	95.3
I	長崎	NAGASAKI	129 52.2	32 43.9	112.0
	雲仙岳	UNZENDAKE	130 15.9	32 44.4	117.3
	熊本	KUMAMOTO	130 42.6	32 48.6	141.5
	佐賀	SAGA	130 18.3	33 14.7	172.7
	福岡	FUKUOKA	130 22.8	33 34.8	210.6

TOTAL STATION NUMBER : 10
NO DISPLAY STATION NUMBER : 0

SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
Figure 4—2—2 EARTHQUAKE NUMBER 92002

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

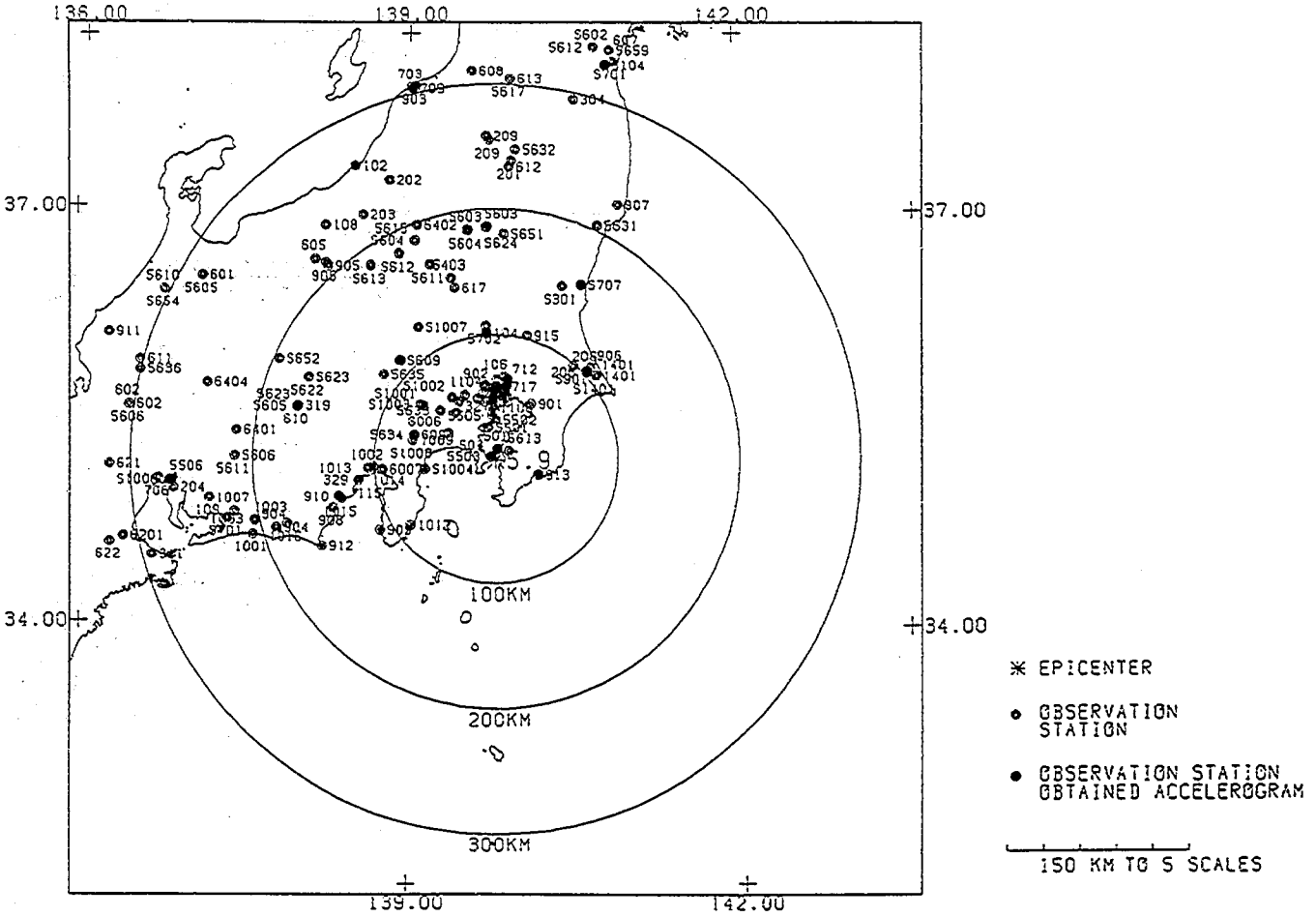
ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	92003
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1992.02.02 04:04 (JAPAN STANDARD TIME)
EPICENTRAL REGION	TOKYO BAY REGION
HYPOCENTER	
EAST LONGITUDE	139 47.5'
NORTH LATITUDE	35 13.6'
FOCAL DEPTH	92 KM
MAGNITUDE	5.9 (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.
101	GR-1	122	60	98	23	133	120.6	-28.8	-223.6	2003	2004	2005
101	PI-1	46	60	109	18	141	154.5	-23.2	289.6	2006	2007	2008
104	GR-1	70	102	34	9	16	42.5	-11.6	21.9	2009	2010	2011
104	PI-1	42	102	15	3	10	21.6	3.6	-11.9	2012	2013	2014
206	GR-1	62	102	60	15	50	59.1	16.6	-56.1	2015	2016	2017
206	PI-1	24	103	65	15	30	-70.1	-10.6	33.8	2018	2019	2020
501	GR-1	152	9	234	19	76	-320.3	-33.2	-122.8	2021	2022	2023
503	GR-1	90	5	144	25	95	-232.1	45.5	140.0	2024	2025	2026
609	GR-1	4	71	15	10	20						
609	DA-1	6	71	25	35	30						
712	GR-1	17	65	160	30	150	-164.7	31.0	-154.5	2027	2028	2029
712	BK-1	24	65	95	45	110	-100.3	-45.6	-119.4	2030	2031	2032
902	GR-1	79	58	106	31	108	-165.0	-52.7	-157.8	2033	2034	2035
902	PI-1	71	59	75	13	106	95.0	-18.4	-123.6	2036	2037	2038
902	PI-2	51	59	54	19	86	-88.2	-29.2	-141.7	2039	2040	2041
913	GR-1	8	36	0	0	0						
913	GR-2	10	36	15	20	15						
913	PI-1	22	36	35	15	30						
914	US-1	13	50	80	35	70						
914	US-2	14	50	70	35	50						
S104	GR-1	40	328	7	4	6						
S104	GR-2	40	328	3	2	3						
S104	FU-1	40	328	3	2	4						
S104	PI-1	34	328	6	2	4						
S104	PI-2	38	328	3	2	3						
S603	DA-1	18	184	28	30	73						
S605	DA-1	30	170	7	3	18						
S609	GR-1	8	112	4	4	5						
S609	DA-1	8	112	3	4	4						
S609	DA-2	8	112	15	20	60						
S705	UG-1	15	47	32	9	26	32.6	-9.0	23.3	2042	2043	2044
S705	UG-2	36	47	48	17	43	46.5	-14.0	39.8	2045	2046	2047
S705	BK-1	36	47	72	33	62	71.3	24.0	60.2	2048	2049	2050
S707	GR-1	8	157	9	5	8						
S707	BK-1	8	157	9	5	10						

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

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
104	SHINTONEGAWA BRIDGE	GR-1	139 42 12	36 08 26	670220	SMAC-B2	S60E	140205
104	SHINTONEGAWA BRIDGE	PI-1	139 42 40	36 08 33	670220	SMAC-B2	S60E	140206
206	OMIGAWA BRIDGE	GR-1	140 37 01	35 51 25	730300	SMAC-E2	N50W	030084
206	OMIGAWA BRIDGE	PI-1	140 37 01	35 51 50	730300	SMAC-E2	N50W	030083
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
609	MIHO DAM	GR-1	139 02 46	35 24 20	790301	SMAC-Q	N30E	000000
609	MIHO DAM	DA-1	139 02 46	35 24 20	790300	SMAC-Q	S45W	000000
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
902	NISHIARAI BRIDGE	GR-1	139 47 46	35 45 06	620300	SMAC-B2	N03E	037889
902	NISHIARAI BRIDGE	PI-1	139 47 34	35 45 18	620300	SMAC-B2	N03E	037890
902	NISHIARAI BRIDGE	PI-2	139 47 33	35 45 20	620300	SMAC-B2	N03E	037891
913	AMATSU BRIDGE	GR-1	140 10 20	35 07 28	791100	SMAC-Q	N75E	000000
913	AMATSU BRIDGE	GR-2	140 10 20	35 07 28	791100	SMAC-Q	N30E	000000
913	AMATSU BRIDGE	PI-1	140 10 20	35 07 28	791100	SMAC-Q	N30E	000000
914	YAESU U.G.S.	US-1	139 46 20	35 40 40	791100	SMAC-Q	N50E	000000
914	YAESU U.G.S.	US-2	139 46 20	35 40 40	791100	SMAC-Q	S50W	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	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
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
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S605	KOSHIBU DAM	DA-1	137 58 54	35 36 13	820709	SM-10A		000000
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	******			******
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	******			******
S707	KUJIGAWA EMBANKMENT	GR-1	140 34 10	36 29 28	******	SM-10B		******
S707	KUJIGAWA EMBANKMENT	BK-1	140 34 10	36 29 28	******	SM-10B		******

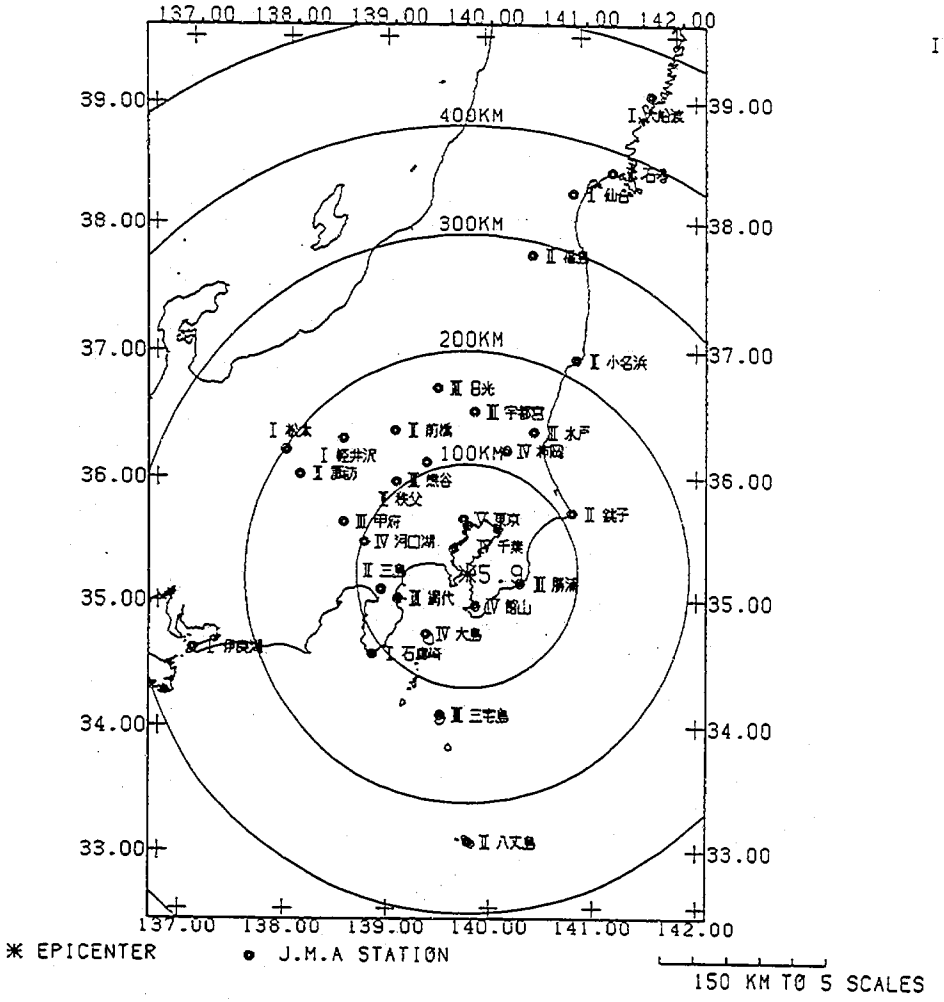


ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1992.02.02 04:04(JAPAN STANDARD TIME)
EPICENTRAL REGION	TOKYO BAY REGION
HYPOCENTER	
EAST LONGITUDE	139° 47.5"
NORTH LATITUDE	35° 13.6"
FOCAL DEPTH	92KM
MAGNITUDE	5.9(J.M.A. MAGNITUDE)

LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM

Figure 4—1—3 EARTHQUAKE NUMBER 92003



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1992.02.02 04:04(JAPAN STANDARD TIME)
EPICENTRAL REGION TOKYO BAY REGION
HYPOCENTER
EAST LONGITUDE 139° 47.5'
NORTH LATITUDE 35° 13.6'
FOCAL DEPTH 92KM
MAGNITUDE 5.9(J.M.A. MAGNITUDE)

SEIMIC INTEN SITY	J.M.A. STATION NAME	EAST LONGI TUDE	NORTH LATI TUDE	EPICENTRAL DISTANCE (KM)
V	TOKYO	139 45.5	35 41.2	51.2
IV	TATEYAMA	139 52.1	34 59.0	27.9
	CHIBA	140 6.0	35 36.0	50.0
	OSHIMA	139 22.6	34 45.8	63.9
	KAWAGUCHIKO	138 45.8	35 29.9	98.0
	KAKIOKA	140 11.6	36 13.9	117.4
III	YOKOHAMA	139 39.4	35 26.2	26.4
	KATSUURA	140 19.0	35 9.0	48.4
	AJIRO	139 5.8	35 2.6	66.4
	KUMAGAYA	139 23.0	36 8.8	108.7
	KOFU	138 33.4	35 39.9	122.0
	MIYAKEJIMA	139 31.0	34 7.0	125.9
	MITO	140 26.3	36 22.7	141.9
	UTSUNOMIYA	139 52.3	36 32.8	146.9
	NIKKO	139 30.0	36 44.0	169.5
II	MISHIMA	138 55.8	35 6.7	79.4
	CHICHIBU	139 4.9	35 59.5	106.5
	CHOSHI	140 50.6	35 43.5	110.1
	MAEBASHI	139 3.9	36 24.1	146.1
	SUWA	138 7.0	36 3.0	176.8
	ONAHAMA	140 54.4	36 56.7	215.7
	HACHIJOJIMA	139 47.3	33 6.1	236.2
	FUKUSHIMA	140 28.5	37 45.4	287.8
	ISHINOMAKI	141 18.2	38 25.5	380.1
I	IROZAKI	138 50.8	34 36.0	110.8
	KARUIZAWA	138 33.0	36 20.3	166.8
	MATSUMOTO	137 58.4	36 14.6	199.2
	IRAKO	137 5.0	34 38.0	255.5
	SENDAI	140 54.0	38 15.6	351.3
	OFUNATO	141 43.1	39 3.7	459.2

TOTAL STATION NUMBER : 30
NO DISPLAY STATION NUMBER : 0

SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
Figure 4—2—3 EARTHQUAKE NUMBER 92003

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92004
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.03.21 05:29 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN TOCHIGI PREF
	HYPOCENTER	
	EAST LONGITUDE	139 28.8'
	NORTH LATITUDE	36 48.8'
	FOCAL DEPTH	8 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.
S603	DA-1	19	8	11	11	33						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000

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

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	92005
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1992.03.21 05:31 (JAPAN STANDARD TIME)
EPICENTRAL REGION	NORTHERN TOCHIGI PREF
HYPOCENTER	
EAST LONGITUDE	139 29.8'
NORTH LATITUDE	36 49.6'
FOCAL DEPTH	9 KM
MAGNITUDE	3.1 (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.
S603	DA-1	20	6	6	4	7						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-1DA		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92006
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.03.29 17:28 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	141 20.8'
	NORTH LATITUDE	36 53.0'
	FOCAL DEPTH	68 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.
S104	GR-1	41	140	6	4	6						
S104	GR-2	41	140	3	2	2						
S104	FU-1	41	140	4	2	4						
S104	PI-1	35	140	4	2	4						
S104	PI-2	39	140	3	2	2						

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	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
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

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92007
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.03.31 05:45 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	OFF NEMURO PENINSULA
	HYPOCENTER	
	EAST LONGITUDE	145 15.1'
	NORTH LATITUDE	42 51.1'
	FOCAL DEPTH	46 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.
1302	GR-1	29	152	15	3	12						
1315	GR-1	15	50	100	35	115						
1315	PI-1	11	50	85	25	115						
1315	AB-1	12	50	55	25	85						

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-82	S36W	140182
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

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92008
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.04.02 22:12 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	141 2.0'
	NORTH LATITUDE	37 26.9'
	FOCAL DEPTH	74 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	42	72	8	4	6						
S104	GR-2	42	72	3	2	3						
S104	FU-1	42	72	2	2	2						
S104	PI-1	36	72	4	2	3						
S104	PI-2	40	72	3	2	2						

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	S50149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	S50144
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	S50145
S104	TSUKINOKI BRIDGE	PI-1	140 48 27	38 04 04	850200	SM-10A	N67W	S50146
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	S50148

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92009
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.04.08 11:49 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	EASTERN YAMANASHI PREF
	HYPOCENTER	
	EAST LONGITUDE	138 59.4'
	NORTH LATITUDE	35 30.1'
	FOCAL DEPTH	28 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.
609	DA-1	7	12	5	10	0						
S609	GR-1	9	49	2	2	2						
S609	DA-1	9	49	2	1	2						
S609	DA-2	9	49	6	14	15						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
609	MIHO DAM	DA-1	139 02 46	35 24 20	790300	SMAC-Q	S45W	000000
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—10 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92010
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.04.10 04:45 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF IWATE PREF
	HYPOCENTER	
	EAST LONGITUDE	142 5.2'
	NORTH LATITUDE	39 38.1'
	FOCAL DEPTH	49 KM
	MAGNITUDE	5.8 (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.
S102	GR-1	35	34	3	2	3						
S102	PI-1	35	34	7	2	5						
S102	G-1	32	34	7	7	14						

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—11 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92011
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.04.10 23:31 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	TOKYO PREF
	HYPOCENTER	
	EAST LONGITUDE	139 37.8'
	NORTH LATITUDE	35 42.4'
	FOCAL DEPTH	89 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.
S603	DA-1	21	130	4	3	6						
S605	DA-1	31	150	5	2	7						
S705	UG-2	37	20	9	4	8						
S705	BK-1	37	20	10	4	20						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S605	KOSHIBU DAM	DA-1	137 58 54	35 36 13	820709	SM-10A		000000
S705	ARAKAWA EMBANKMENT	UG-2	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT	BK-1	139 50 43	35 39 08	******			******

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92012
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.04.13 15:39 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF IWATE PREF
	HYPOCENTER	
	EAST LONGITUDE	142 23.8'
	NORTH LATITUDE	39 8.3'
	FOCAL DEPTH	53 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	36	95	10	2	6						
S102	PI-1	36	95	14	4	8						
S102	G-1	33	95	13	12	19						

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—13 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92013
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.04.14 12:03 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SW IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	139 50.0'
	NORTH LATITUDE	36 10.5'
	FOCAL DEPTH	62 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.
617	DA-2	24	50	28	8	48						
S603	DA-1	22	82	5	4	13						
S705	UG-2	38	58	5	4	6						
S705	BK-1	38	58	9	4	8						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
617	KIRYU DAM	DA-2	139 24 34	36 28 12	820315	SMAC-E2	N16E	450299
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S705	ARAKAWA EMBANKMENT	UG-2	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT	BK-1	139 50 43	35 39 08	******			******

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92014
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.04.17 09:46 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	MID KYOTO PREF
	HYPOCENTER	
	EAST LONGITUDE	135 46.9'
	NORTH LATITUDE	35 16.5'
	FOCAL DEPTH	13 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	37	746	5	3	5						
S102	PI-1	37	746	21	7	11						
S102	G-1	34	746	34	18	46						

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—15 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92015
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.04.23 01:21 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SW IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	139 53.2'
	NORTH LATITUDE	36 5.7'
	FOCAL DEPTH	58 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.
S603	DA-1	23	92	4	2	8						
S705	UG-2	39	49	6	4	5						
S705	BK-1	39	49	4	2	4						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S705	ARAKAWA EMBANKMENT	UG-2	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT	BK-1	139 50 43	35 39 08	******			******

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92016
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.04.24 21:12 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN SURUGA BAY REG
	HYPOCENTER	
	EAST LONGITUDE	138 41.5'
	NORTH LATITUDE	34 57.7'
	FOCAL DEPTH	16 KM
	MAGNITUDE	3.1 (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.
S603	DA-1	24	225	3	0	6						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92017
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.04.27 12:52 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	AKAISHI MOUNTAINS REG
	HYPOCENTER	
	EAST LONGITUDE	138 12.2'
	NORTH LATITUDE	35 40.4'
	FOCAL DEPTH	18 KM
	MAGNITUDE	3.3 (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.
S60S	DA-1	32	22	3	2	5						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S60S	KOSHIBU DAM	DA-1	137 58 54	35 36 13	820709	SM-10A		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92018
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.05.01 18:32 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF IWATE PREF
	HYPOCENTER	
	EAST LONGITUDE	142 7.3'
	NORTH LATITUDE	39 37.5'
	FOCAL DEPTH	49 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.
S102	GR-1	38	36	4	2	2						
S102	PI-1	38	36	9	2	5						
S102	G-1	35	36	12	7	27						

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

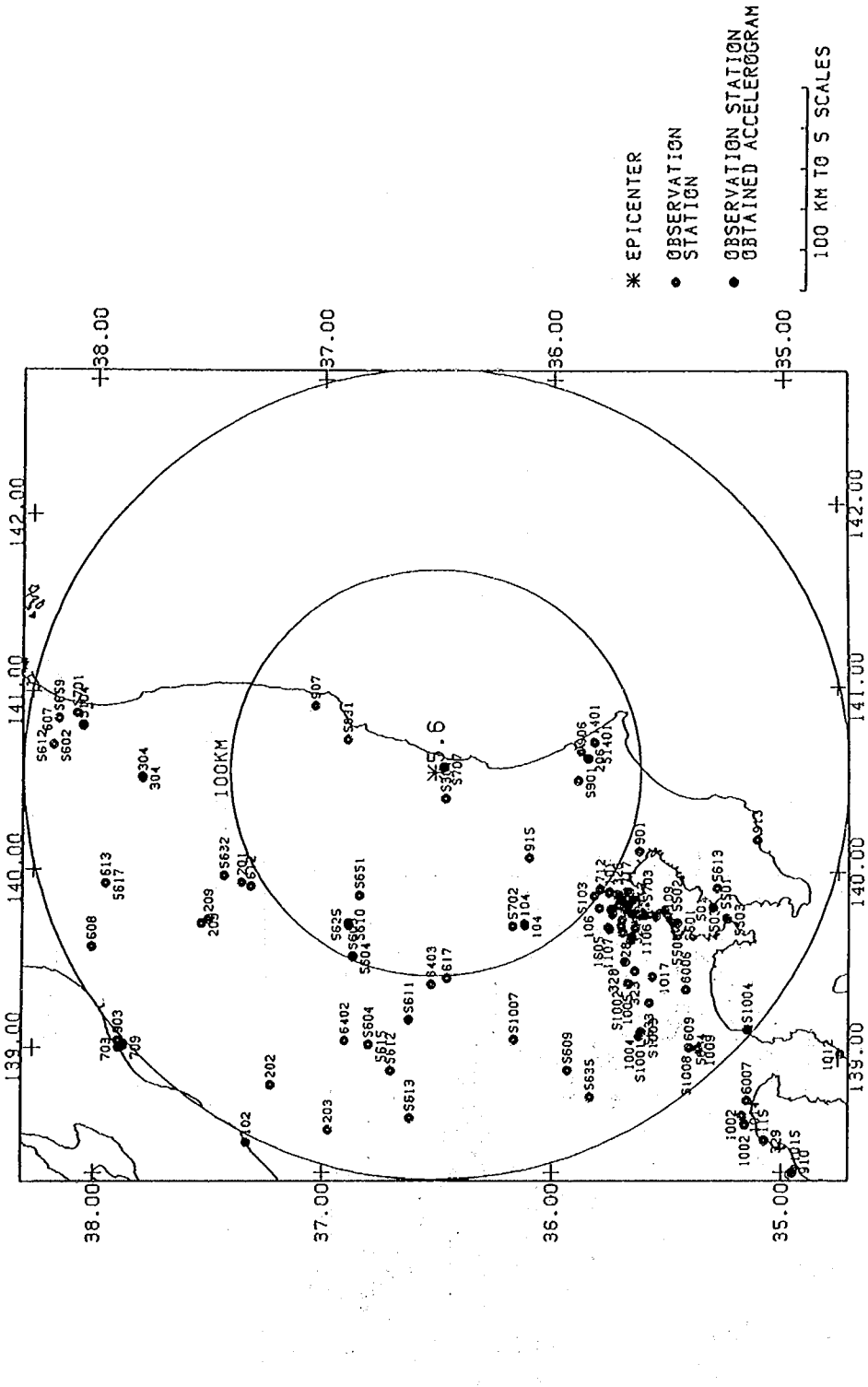
Table 4—19 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	92019
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1992.05.11 19:07 (JAPAN STANDARD TIME)
EPICENTRAL REGION	NORTHERN IBARAKI PREF
HYPOCENTER	
EAST LONGITUDE	140 32.4'
NORTH LATITUDE	36 31.8'
FOCAL DEPTH	56 KM
MAGNITUDE	5.6 (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.
S104	GR-1	43	172	7	4	9						
S104	GR-2	43	172	4	2	3						
S104	FU-1	43	172	3	2	3						
S104	PI-1	37	172	5	2	4						
S104	PI-2	41	172	4	2	3						
S603	DA-1	25	98	14	10	42						
S705	UG-2	40	116	3	2	4						
S705	BK-1	40	116	5	2	6						
S707	GR-1	9	5	68	40	63	59.9	27.2	-64.6	2051	2052	2053
S707	BK-1	9	5	80	38	58						

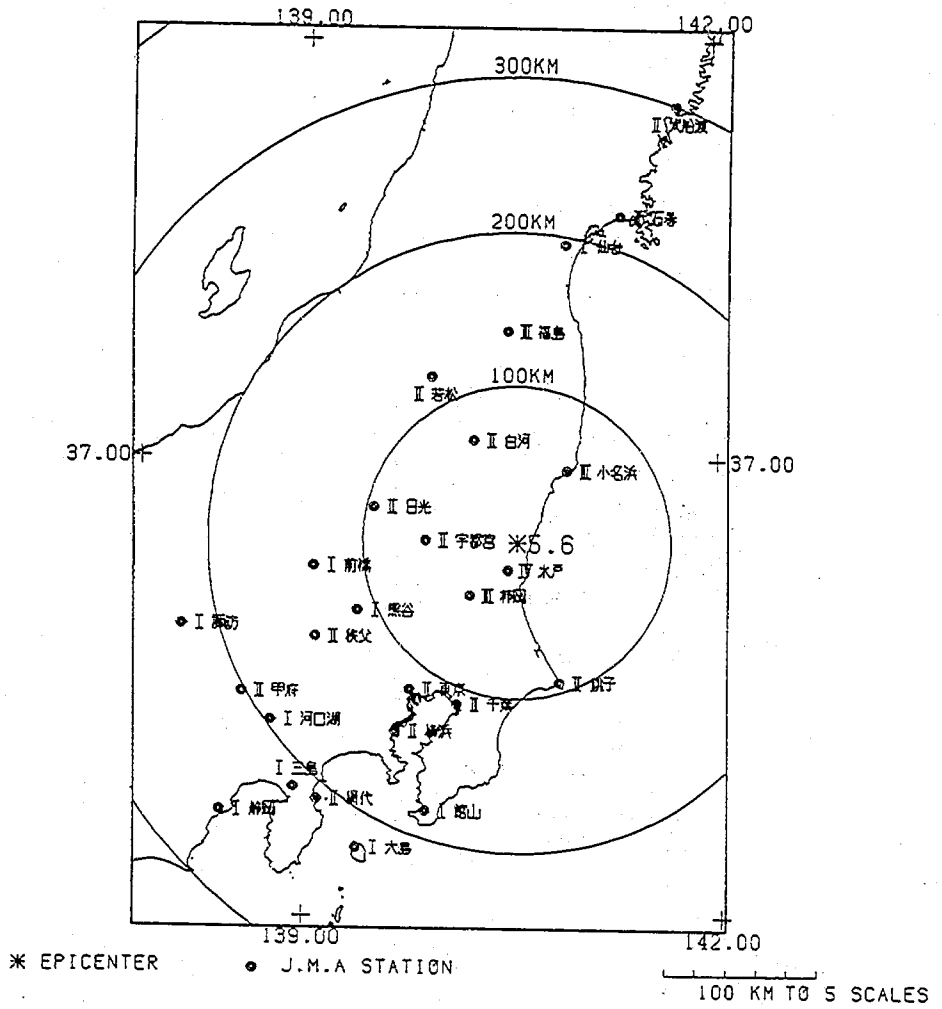
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
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
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S705	ARAKAWA EMBANKMENT	UG-2	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT	BK-1	139 50 43	35 39 08	******			******
S707	KUJIGAWA EMBANKMENT	GR-1	140 34 10	36 29 28	******	SM-10B		******
S707	KUJIGAWA EMBANKMENT	BK-1	140 34 10	36 29 28	******	SM-10B		******



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1992-05-11 19:07(JAPAN STANDARD TIME)
EPICENTRAL REGION NORTHERN IBARAKI PREF
HYPOCENTER
EAST LONGITUDE 140°32'4"
NORTH LATITUDE 36°31'8"
FOCAL DEPTH 56KM
MAGNITUDE 5.6(J.M.A. MAGNITUDE)

LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM

Figure 4—1—19 EARTHQUAKE NUMBER 92019



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1992.05.11 19:07(JAPAN STANDARD TIME)
EPICENTRAL REGION NORTHERN IBARAKI PREF
HYPOCENTER
EAST LONGITUDE 140° 32.4'
NORTH LATITUDE 36° 31.8'
FOCAL DEPTH 56KM
MAGNITUDE 5.6(J.M.A. MAGNITUDE)

SEIMIC INTEN SITY	J.M.A. STATION NAME	EAST LONGI TUDE	NORTH LATI TUDE	EPICENTRAL DISTANCE (KM)
Ⅳ	水戸 MITO	140 28.3	36 22.7	18.0
Ⅲ	若松 KAKIOKA	140 11.6	35 13.9	45.4
	小名浜 ONAHAMA	140 54.4	36 56.7	56.5
	福島 FUKUSHIMA	140 28.5	37 45.4	136.5
Ⅱ	宇都宮 UTSUNOMIYA	139 52.3	36 32.8	59.7
	白河 SHIRAKAWA	140 13.5	37 7.1	71.1
	銚子 CHOSHI	140 50.6	35 43.5	93.5
	日光 NIKKO	139 30.0	36 44.0	95.5
	千葉 CHIBA	140 6.0	35 36.0	110.7
	東京 TOKYO	139 45.5	35 41.2	117.1
	若松 WAKAMATSU	139 55.0	37 29.0	119.5
	秩父 CHICHIBU	139 4.9	35 59.5	143.8
	横浜 YOKOHAMA	139 39.4	35 26.2	145.2
	甲府 KOFU	138 33.4	35 39.9	202.5
	銚代 AJIRO	139 5.8	35 2.6	210.4
	石巻 ISHINOMAKI	141 18.2	38 25.5	221.1
	大船渡 OFUNATO	141 43.1	39 3.7	299.8
I	熊谷 KUMAGAYA	139 23.0	36 8.8	112.0
	前橋 MAEBASHI	139 3.9	36 24.1	132.7
	館山 TATEYAMA	139 52.1	34 59.0	182.3
	仙台 SENDAI	140 54.0	38 15.6	194.9
	河口湖 KAWAGUCHIKO	138 45.8	35 29.9	196.7
	三島 MISHIMA	138 55.8	35 6.7	214.3
	大島 OSHIMA	139 22.6	34 45.8	222.8
	諏訪 SUWA	138 7.0	36 3.0	223.6
	飯田 SHIZUOKA	138 24.4	34 58.4	258.8

TOTAL STATION NUMBER : 26
NO DISPLAY STATION NUMBER : 0

SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
Figure 4—2—19 EARTHQUAKE NUMBER 92019

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92020
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.05.16 11:54 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	140 44.0'
	NORTH LATITUDE	36 27.2'
	FOCAL DEPTH	94 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.
S603	DA-1	26	118	3	0	5						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92021
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.05.20 17:23 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	TOKYO BAY REGION
	HYPOCENTER	
	EAST LONGITUDE	139 46.4'
	NORTH LATITUDE	35 12.3'
	FOCAL DEPTH	92 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.
S705	UG-2	41	50	7	3	6						
S705	BK-1	41	50	10	4	8						

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—22 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92022
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.06.01 22:51 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	141 16.4'
	NORTH LATITUDE	36 40.2'
	FOCAL DEPTH	44 KM
	MAGNITUDE	5.7 (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.
S104	GR-1	44	161	14	9	12						
S104	GR-2	44	161	6	2	4						
S104	FU-1	44	161	7	3	7						
S104	PI-1	38	161	13	2	9						
S104	PI-2	42	161	6	2	7						
S603	DA-1	27	158	4	9	3						
S707	GR-1	10	66	15	9	16						
S707	BK-1	10	66	15	10	14						

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	S50149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	S50144
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	S50145
S104	TSUKINOKI BRIDGE	PI-1	140 48 27	38 04 04	850200	SM-10A	N67W	S50146
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	S50148
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S707	KUJIGAWA EMBANKMENT	GR-1	140 34 10	36 29 28	******	SM-10B		******
S707	KUJIGAWA EMBANKMENT	BK-1	140 34 10	36 29 28	******	SM-10B		******

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92023
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.06.21 04:03 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SOUTHERN NAGANO PREF
	HYPOCENTER	
	EAST LONGITUDE	137 51.2'
	NORTH LATITUDE	35 48.2'
	FOCAL DEPTH	13 KM
	MAGNITUDE	4.1 (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.
S605	DA-1	33	25	20	8	40						

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—24 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	92024
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1992.07.07 00:11 (JAPAN STANDARD TIME)
EPICENTRAL REGION	HAMANAKO LAKE REGION
HYPOCENTER	
EAST LONGITUDE	137 38.8'
NORTH LATITUDE	34 44.5'
FOCAL DEPTH	38 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.
S605	DA-1	34	100	4	3	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—25 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92025
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.07.12 20:08 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF AOMORI PREF
	HYPOCENTER	
	EAST LONGITUDE	142 2.3'
	NORTH LATITUDE	41 27.7'
	FOCAL DEPTH	64 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.
S601	DA-2	12	204	5	4	13						

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

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92026
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.07.12 20:13 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF AOMORI PREF
	HYPOCENTER	
	EAST LONGITUDE	142 5.0'
	NORTH LATITUDE	41 26.2'
	FOCAL DEPTH	60 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	39	170	10	5	10						
S102	PI-1	39	170	30	7	19						
S102	G-1	36	170	24	21	33						
S104	GR-1	45	390	4	2	3						
S104	GR-2	45	390	2	2	2						
S104	FU-1	45	390	4	2	4						
S104	PI-1	39	390	5	2	3						
S104	PI-2	43	390	3	2	2						

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	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
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

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

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	92027
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1992.07.18 17:36 (JAPAN STANDARD TIME)
EPICENTRAL REGION	FAR E OFF SANRIKU
HYPOCENTER	
EAST LONGITUDE	143 40.6'
NORTH LATITUDE	39 22.1'
FOCAL DEPTH	0 KM
MAGNITUDE	6.9 (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	GR-1	40	163	10	3	7						
S102	PI-1	40	163	20	4	20						
S102	G-1	37	163	25	21	19						
S104	GR-1	46	288	8	3	13						
S104	GR-2	46	288	5	2	5						
S104	FU-1	46	288	8	2	12						
S104	PI-1	40	288	8	3	12						
S104	PI-2	44	288	5	3	6						

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	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
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

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

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	92028
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1992.07.18 17:39 (JAPAN STANDARD TIME)
EPICENTRAL REGION	FAR E OFF SANRIKU
HYPOCENTER	
EAST LONGITUDE	143 26.2'
NORTH LATITUDE	39 24.2'
FOCAL DEPTH	0 KM
MAGNITUDE	6.9 (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	GR-1	41	143	9	4	9						
S102	PI-1	41	143	31	3	15						
S102	G-1	38	143	30	21	27						
S104	GR-1	47	272	8	2	8						
S104	GR-2	47	272	6	2	3						
S104	FU-1	47	272	8	3	7						
S104	PI-1	41	272	10	3	7						
S104	PI-2	45	272	5	2	3						

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	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
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

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

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	92029
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1992.07.18 19:20 (JAPAN STANDARD TIME)
EPICENTRAL REGION	FAR E OFF SANRIKU
HYPOCENTER	
EAST LONGITUDE	143 22.6'
NORTH LATITUDE	39 25.0'
FOCAL DEPTH	0 KM
MAGNITUDE	6.4 (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	42	137	9	3	9						
S102	PI-1	42	137	30	4	13						
S102	G-1	39	137	30	21	27						
S104	GR-1	48	269	6	3	10						
S104	GR-2	48	269	3	2	4						
S104	FU-1	48	269	6	2	10						
S104	PI-1	42	269	7	2	10						
S104	PI-2	46	269	4	2	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	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
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

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92030
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.07.30 20:16 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SW GIFU PREF
	HYPOCENTER	
	EAST LONGITUDE	136 30.5'
	NORTH LATITUDE	35 30.6'
	FOCAL DEPTH	38 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.
319	GR-1	30	135	3	3	7						
319	PI-1	31	135	16	3	20						
602	GR-2	2	10	60	15	45						
602	DA-2	1	10	95	15	70						
611	DA-1	2	45	5	3	3						
611	DA-2	3	45	98	43	133						
S605	DA-1	35	134	7	3	22						
S702	ES-1	5	126	5	2	4						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
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
602	YOKOYAMA DAM	GR-2	136 27 30	35 35 21	791100	SMAC-Q	S65W	000000
602	YOKOYAMA DAM	DA-2	136 27 30	35 35 16	791100	SMAC-Q	S65W	000000
611	MANAGAWA DAM	DA-1	136 32 45	35 54 50	770300	SMAC-E2	N40W	000000
611	MANAGAWA DAM	DA-2	136 32 45	35 54 50	770300	SMAC-E2	N30W	000000
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—31 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	92031
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1992.08.05 13:58 (JAPAN STANDARD TIME)
EPICENTRAL REGION	AKAISHI MOUNTAINS REG
HYPOCENTER	
EAST LONGITUDE	138 3.6'
NORTH LATITUDE	35 54.4'
FOCAL DEPTH	11 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.
319	GR-1	31	34	1	1	2						
319	PI-1	32	34	10	1	4						
S605	DA-1	36	34	5	4	7						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
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

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92032
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.08.16 11:29 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SOUTHERN MIYAZAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	131 16.0'
	NORTH LATITUDE	31 53.5'
	FOCAL DEPTH	62 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.
S709	GR-1	3	18	5	3	3						
S709	UG-1	3	18	3	2	4						
S709	BK-1	3	18	7	3	5						

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—33 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92033
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.08.27 13:09 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SW IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	139 58.8'
	NORTH LATITUDE	36 3.2'
	FOCAL DEPTH	57 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.
S603	DA-1	27	100	5	4	8						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92034
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.08.27 21:28 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF MIYAGI PREF
	HYPOCENTER	
	EAST LONGITUDE	142 13.7'
	NORTH LATITUDE	38 38.9'
	FOCAL DEPTH	45 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.
S104	GR-1	49	140	5	5	4						
S104	GR-2	49	140	3	1	2						
S104	FU-1	49	140	2	2	4						
S104	PI-1	43	140	8	2	3						
S104	PI-2	47	140	3	2	2						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGGRAPH 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	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
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

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

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	92035
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1992.08.30 04:19 (JAPAN STANDARD TIME)
EPICENTRAL REGION	FAR S OFF TOKAI DISTRICT
HYPOCENTER	
EAST LONGITUDE	138 20.4'
NORTH LATITUDE	33 12.4'
FOCAL DEPTH	325 KM
MAGNITUDE	6.6 (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.
S104	GR-1	50	584	8	7	10						
S104	GR-2	50	584	5	3	4						
S104	FU-1	50	584	7	4	7						
S104	PI-1	44	584	13	3	8						
S104	PI-2	48	584	4	2	5						
S603	DA-1	28	421	3	2	12						
S705	UG-2	42	304	6	3	6						
S705	BK-1	42	304	7	4	9						

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	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
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
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S705	ARAKAWA EMBANKMENT	UG-2	139 50 43	35 39 08	******			******
S705	ARAKAWA EMBANKMENT	BK-1	139 50 43	35 39 08	******			******

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92036
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.09.01 17:58 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SOUTHERN MIYAGI PREF
	HYPOCENTER	
	EAST LONGITUDE	140 28.6'
	NORTH LATITUDE	38 6.9'
	FOCAL DEPTH	8 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.
S104	GR-1	51	29	5	3	7						
S104	GR-2	51	29	2	2	4						
S104	FU-1	51	29	3	2	4						
S104	PI-1	45	29	4	2	4						
S104	PI-2	49	29	3	2	2						

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	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
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

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92037
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.09.14 11:46 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN IBARAKI PREF
	HYPOCENTER .	
	EAST LONGITUDE	140 40.0'
	NORTH LATITUDE	36 26.0'
	FOCAL DEPTH	55 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.
S603	DA-1	29	113	3	2	8						
S707	GR-1	11	11	9	9	9						
S707	BK-1	11	11	16	8	12						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S707	KUJIGAWA EMBANKMENT	GR-1	140 34 10	36 29 28	******	SM-10B		******
S707	KUJIGAWA EMBANKMENT	BK-1	140 34 10	36 29 28	******	SM-10B		******

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92038
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.09.22 17:20 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	TOCHIGI GUNMA BORDER
	HYPOCENTER	
	EAST LONGITUDE	139 32.5'
	NORTH LATITUDE	36 42.0'
	FOCAL DEPTH	8 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.
S603	DA-1	30	19	6	7	18						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92039
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.09.29 07:16 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	140 36.3'
	NORTH LATITUDE	36 39.1'
	FOCAL DEPTH	98 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.
S603	DA-1	31	100	2	2	6						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92040
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.10.01 11:31 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	140 58.5'
	NORTH LATITUDE	36 35.8'
	FOCAL DEPTH	45 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.
S603	DA-1	32	133	3	2	7						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-1OA		000000

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

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	92041
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1992.10.07 03:58 (JAPAN STANDARD TIME)
EPICENTRAL REGION	E OFF FUKUSHIMA PREF
HYPOCENTER	
EAST LONGITUDE	141 30.4'
NORTH LATITUDE	37 32.8'
FOCAL DEPTH	76 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.
S104	GR-1	52	84	13	8	11						
S104	GR-2	52	84	4	2	4						
S104	PI-1	46	84	12	3	7						
S104	PI-2	50	84	5	3	4						
S104	FU-1	52	84	6	3	6						
S701	ES-1	28	82	8	3	5						
S701	ES-2	25	82	9	3	6						

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—42 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92042
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.10.14 14:36 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	TOKYO BAY REGION
	HYPOCENTER	
	EAST LONGITUDE	139 47.4'
	NORTH LATITUDE	35 30.7'
	FOCAL DEPTH	63 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.
S705	UG-2	43	16	4	2	3						
S705	BK-1	43	16	6	3	6						

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—43 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92043
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.11.01 00:10 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	141 8.0'
	NORTH LATITUDE	36 42.5'
	FOCAL DEPTH	49 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.
S603	DA-1	33	145	3	2	6						
S707	GR-1	12	56	10	9	10						
S707	BK-1	12	56	14	6	12						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S707	KUJIGAWA EMBANKMENT	GR-1	140 34 10	36 29 28	******	SM-10B		******
S707	KUJIGAWA EMBANKMENT	BK-1	140 34 10	36 29 28	******	SM-10B		******

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92044
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.11.05 16:39 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	140 37.0'
	NORTH LATITUDE	36 28.5'
	FOCAL DEPTH	57 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.
S707	GR-1	13	5	9	5	9						
S707	BK-1	13	5	9	4	8						

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-10B		******
S707	KUJIGAWA EMBANKMENT	BK-1	140 34 10	36 29 28	******	SM-10B		******

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92045
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.11.06 07:35 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	140 36.5'
	NORTH LATITUDE	36 28.5'
	FOCAL DEPTH	52 KM
	MAGNITUDE	4.1 (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.
S707	GR-1	14	4	10	7	11						
S707	BK-1	14	4	10	6	8						

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	92046
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.11.09 17:39 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	HYUGANADA REGION
	HYPOCENTER	
	EAST LONGITUDE	131 38.5'
	NORTH LATITUDE	32 9.3'
	FOCAL DEPTH	58 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.
S709	GR-1	4	34	14	13	7						
S709	UG-1	4	34	9	3	6						
S709	BK-1	4	34	17	8	15						

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—47 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92047
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.11.19 17:47 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	KANAGAWA PREF
	HYPOCENTER	
	EAST LONGITUDE	139 41.1'
	NORTH LATITUDE	35 31.7'
	FOCAL DEPTH	40 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.
S705	UG-2	44	20	4	2	8						
S705	BK-1	44	20	9	4	11						

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—48 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92048
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.11.28 09:46 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SW IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	139 53.1'
	NORTH LATITUDE	36 5.0'
	FOCAL DEPTH	60 KM
	MAGNITUDE	4.7 (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.
S603	DA-1	34	94	5	4	15						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000

Table 4—49 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92049
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.12.09 15:36 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SW HYOGO PREF
	HYPOCENTER	
	EAST LONGITUDE	134 49.8'
	NORTH LATITUDE	34 46.0'
	FOCAL DEPTH	14 KM
	MAGNITUDE	3.5 (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.
S704	GR-1	7	1	5	7	7						
S704	ES-1	6	1	10	4	6						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S704	KAKOGAWA ESTUARY DAM	GR-1	134 50 19	34 46 21	******			******
S704	KAKOGAWA ESTUARY DAM	ES-1	134 50 19	34 46 21	******			******

Table 4—50 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92050
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.12.27 11:17 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	MID NIIGATA PREF
	HYPOCENTER	
	EAST LONGITUDE	138 35.0'
	NORTH LATITUDE	36 58.4'
	FOCAL DEPTH	10 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.
203	PI-1	36	2	18	9	39						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
203	YOKOKURASAWA BRIDGE	PI-1	138 33 53	36 58 43	650302	SMAC-B2	S03E	038545

Table 4—51 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	92051
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1992.12.28 01:21 (JAPAN STANDARD TIME)
EPICENTRAL REGION	E OFF MIYAGI PREF
HYPOCENTER	
EAST LONGITUDE	142 33.0'
NORTH LATITUDE	38 55.5'
FOCAL DEPTH	34 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.
S104	GR-1	53	179	15	10	20						
S104	GR-2	53	179	7	4	7						
S104	PI-1	47	179	13	6	16						
S104	PI-2	51	179	10	9	6						
S104	FU-1	53	179	13	4	12						
S622	DA-3	2	224	5	2	6						
S701	ES-1	29	173	17	5	10						
S701	ES-2	26	173	30	5	13						

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
S622	SAGAE DAM	DA-3	140 02 31	38 27 11	890300	SM-10B		******
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—52 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92052
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.12.29 04:12 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	AKAISHI MOUNTAINS REG
	HYPOCENTER	
	EAST LONGITUDE	138 0.9'
	NORTH LATITUDE	35 22.9'
	FOCAL DEPTH	11 KM
	MAGNITUDE	3.5 (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.
S605	DA-1	37	25	4	3	7						

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—53 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92053
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.12.29 11:08 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF MIYAGI PREF
	HYPOCENTER	
	EAST LONGITUDE	142 28.7'
	NORTH LATITUDE	38 58.2'
	FOCAL DEPTH	31 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.
S104	GR-1	54	177	4	3	6						
S104	GR-2	54	177	2	1	2						
S104	PI-1	48	177	5	2	4						
S104	PI-2	52	177	3	1	3						
S104	FU-1	54	177	4	2	6						

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—54 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	92054
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1992.12.31 16:02 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF MIYAGI PREF
	HYPOCENTER	
	EAST LONGITUDE	142 33.7'
	NORTH LATITUDE	38 55.5'
	FOCAL DEPTH	32 KM
	MAGNITUDE	5.7 (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.
S104	GR-1	55	180	6	5	11						
S104	GR-2	55	180	4	2	5						
S104	PI-1	49	180	8	2	9						
S104	PI-2	53	180	5	2	5						
S104	FU-1	55	180	6	2	8						
S701	ES-1	30	174	10	2	6						
S701	ES-2	27	174	7	1	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
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—55 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	92055
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1992.12.31 16:26 (JAPAN STANDARD TIME)
EPICENTRAL REGION	E OFF MIYAGI PREF
HYPOCENTER	
EAST LONGITUDE	142 35.9'
NORTH LATITUDE	38 55.9'
FOCAL DEPTH	30 KM
MAGNITUDE	5.8 (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.
S104	GR-1	56	183	12	6	14						
S104	GR-2	56	183	6	3	4						
S104	PI-1	50	183	9	3	8						
S104	PI-2	54	183	5	2	5						
S104	FU-1	56	183	8	3	8						
S601	DA-2	13	154	15	9	29						
S701	ES-1	31	177	9	2	5						
S701	ES-2	28	177	11	2	6						

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
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

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 5－20 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。

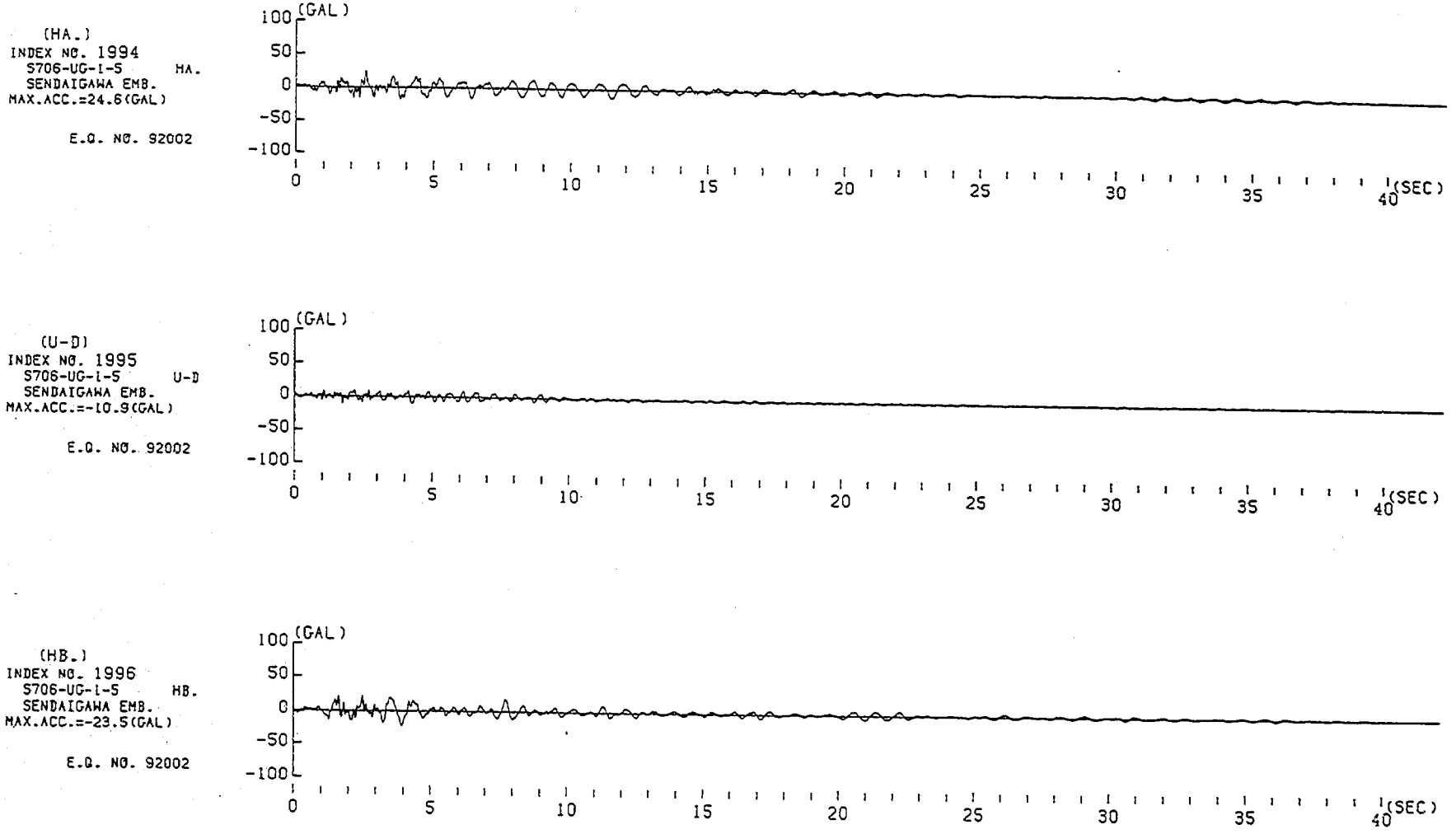


Figure 5—1—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92002
RECORD NUMBER S706-UG-1-5
INDEX NUMBER 1994 1995 1996

(1-1)

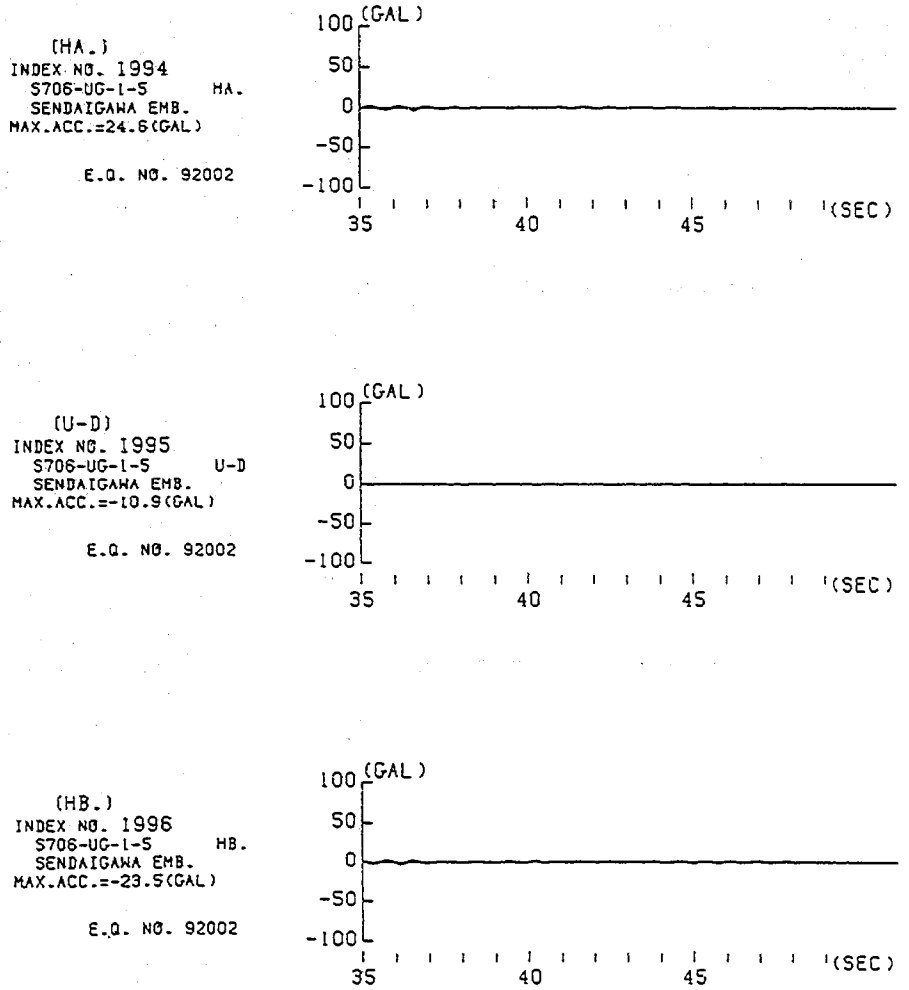


Figure 5—1—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92002
RECORD NUMBER S706-UG-1-5
INDEX NUMBER 1994 1995 1996

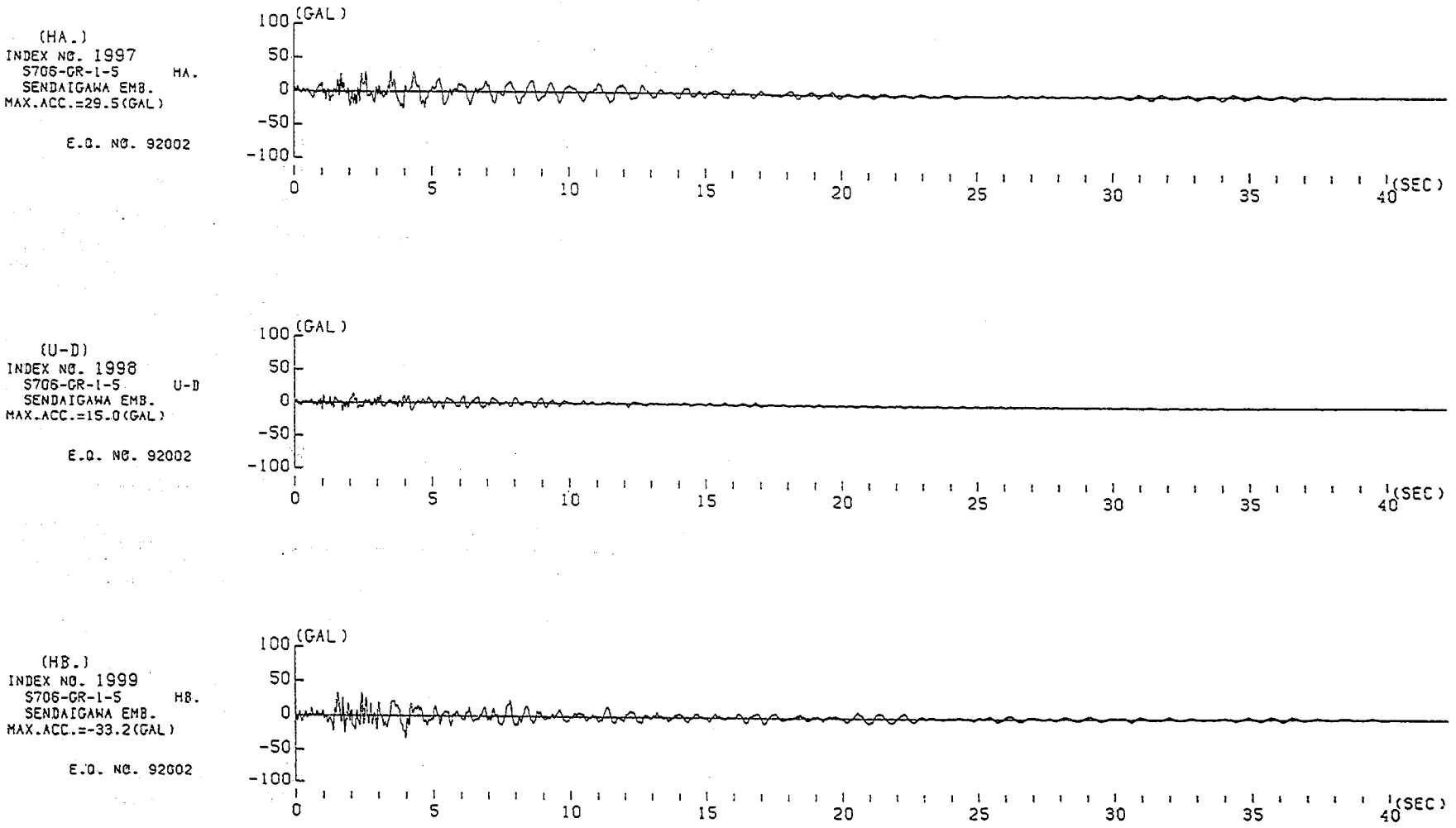


Figure 5—2—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92002
RECORD NUMBER S706-GR-1-5
INDEX NUMBER 1997 1998 1999

(2-1)

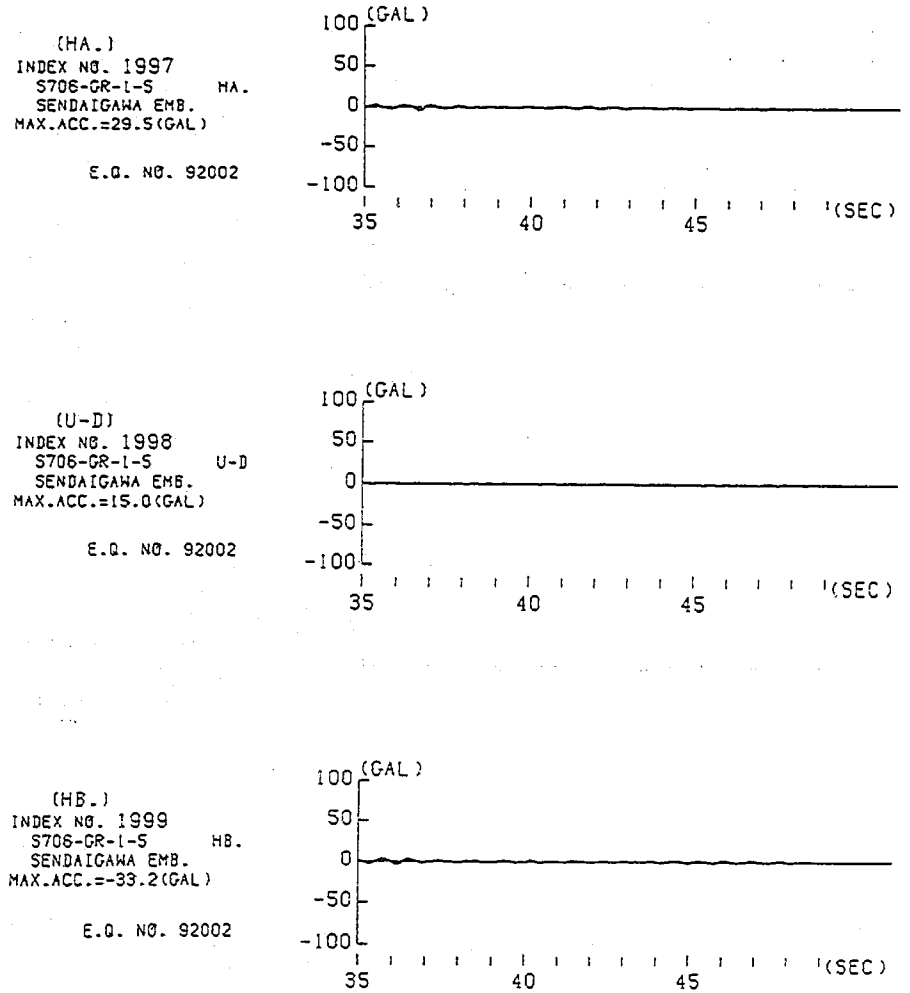
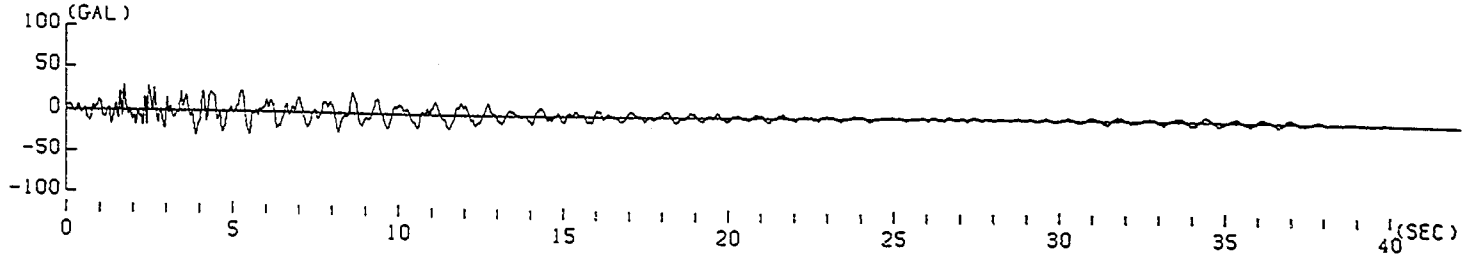


Figure 5—2—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92002
RECORD NUMBER S706-GR-1-S
INDEX NUMBER 1997 1998 1999

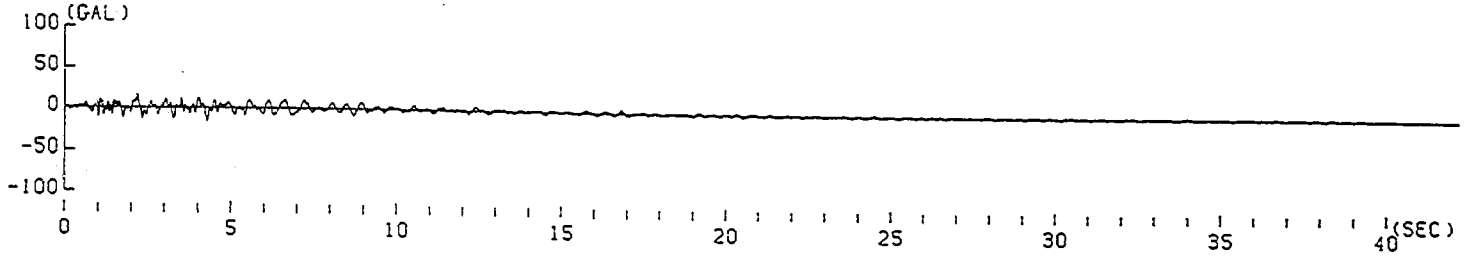
(HA.)
INDEX NO. 2000
S706-BK-1-5 HA.
SENDAIGAWA EMB.
MAX.ACC.=-29.9(GAL)

E.Q. NO. 92002



(U-D)
INDEX NO. 2001
S706-BK-1-5 U-D
SENDAIGAWA EMB.
MAX.ACC.=16.6(GAL)

E.Q. NO. 92002



(HB.)
INDEX NO. 2002
S706-BK-1-5 HB.
SENDAIGAWA EMB.
MAX.ACC.=38.2(GAL)

E.Q. NO. 92002

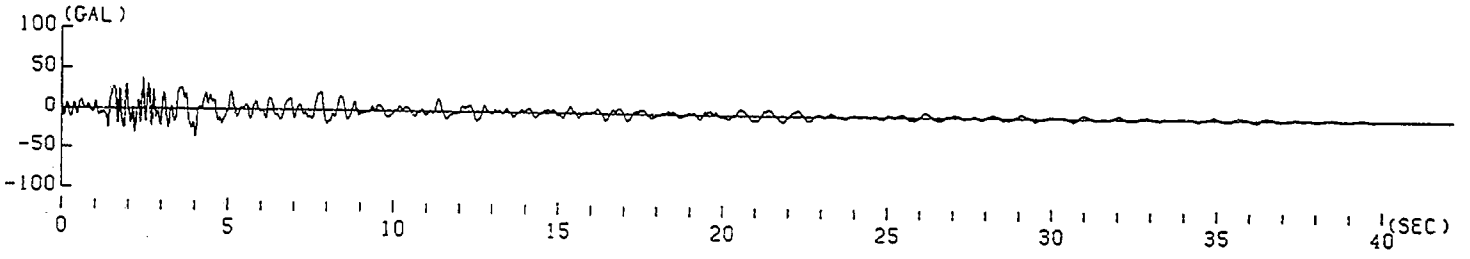


Figure 5—3—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92002
RECORD NUMBER S706-BK-1-5
INDEX NUMBER 2000 2001 2002

(3-1)

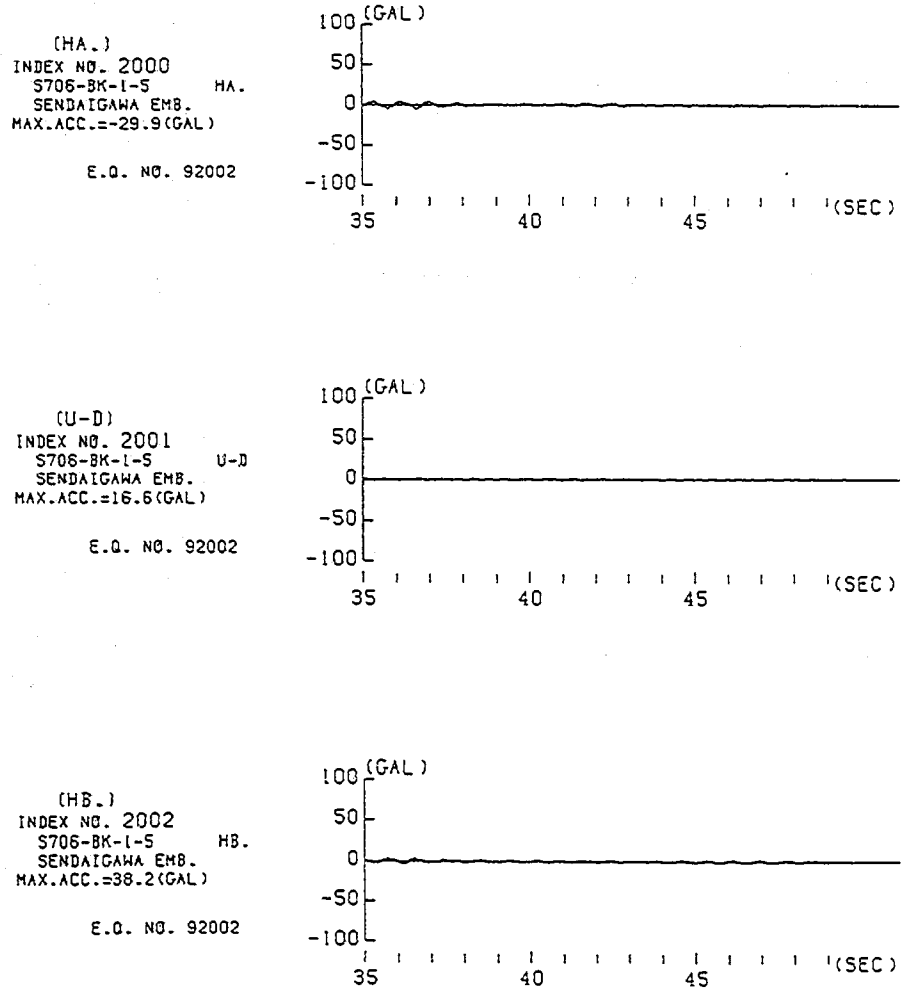
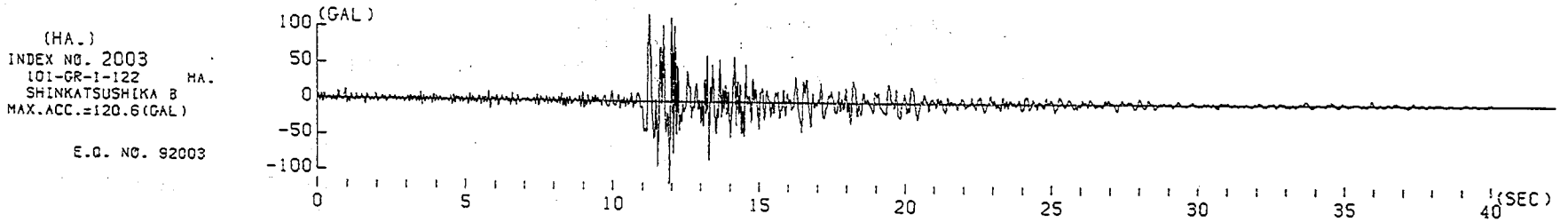
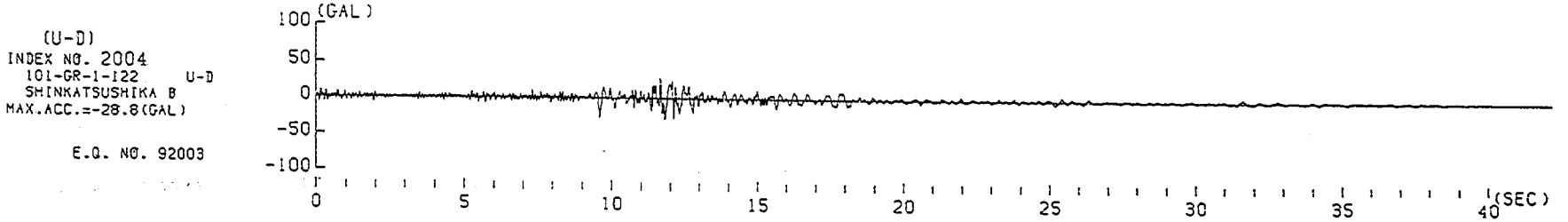


Figure 5—3—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92002
RECORD NUMBER S706-BK-1-5
INDEX NUMBER 2000 2001 2002





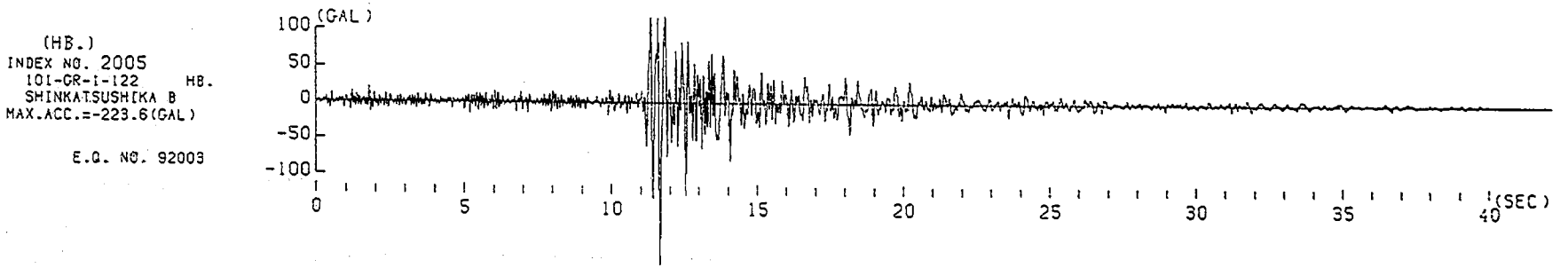


Figure 5—4—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 101-GR-1-122
INDEX NUMBER 2003 2004 2005

(4-1)

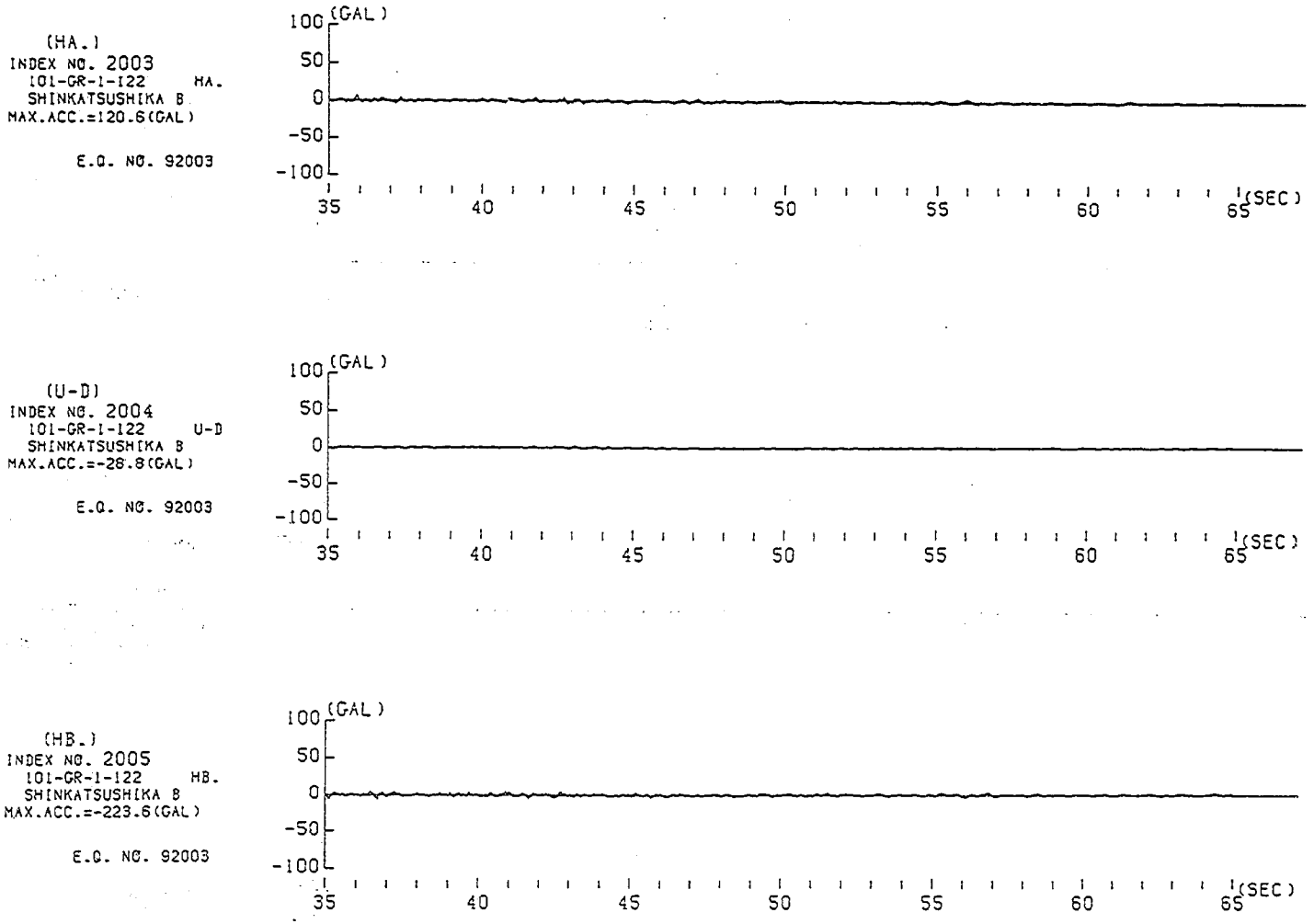


Figure 5—4—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 101-GR-1-122
INDEX NUMBER 2003 2004 2005

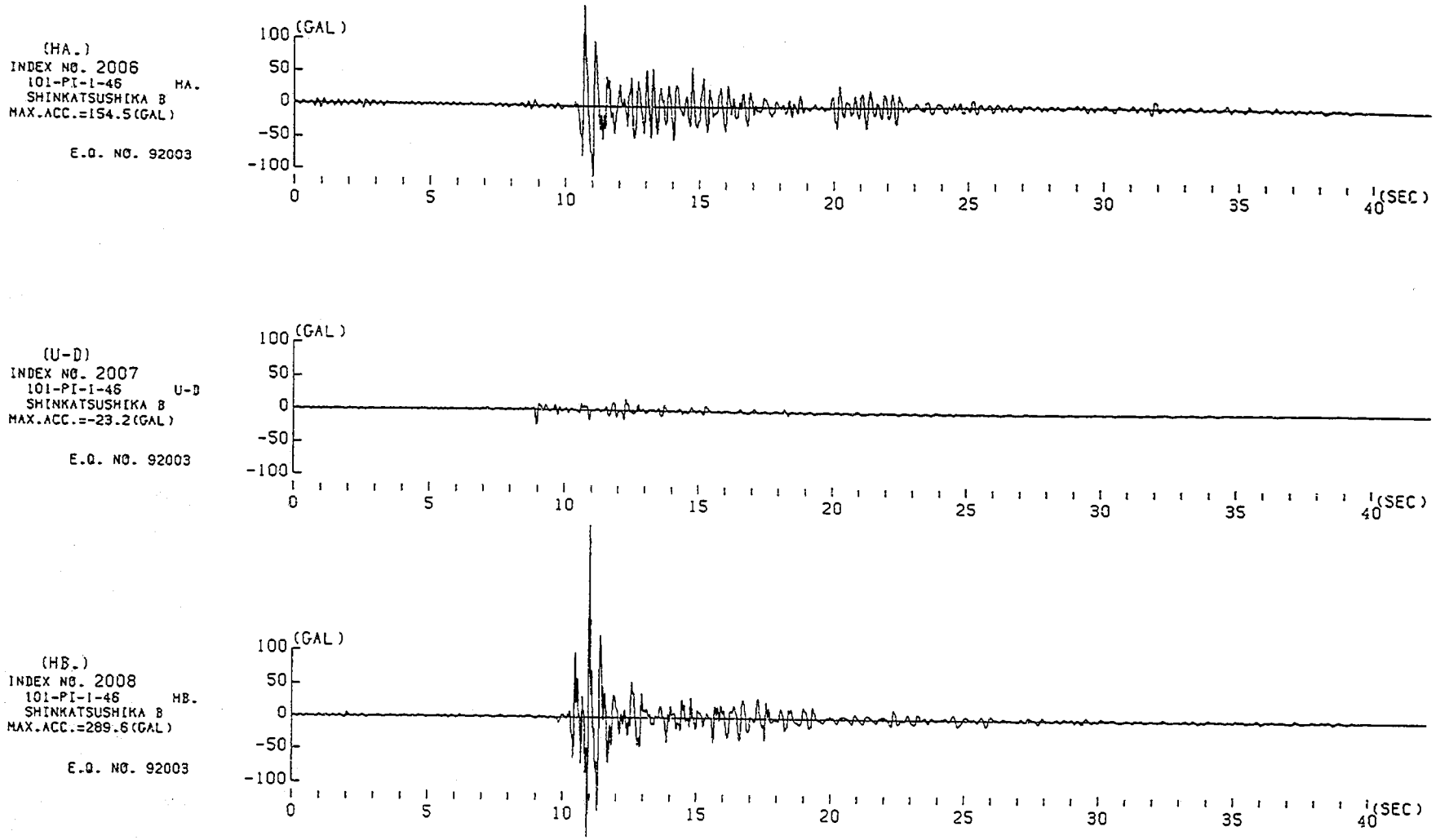


Figure 5—5—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 101-PI-1-46
INDEX NUMBER 2006 2007 2008

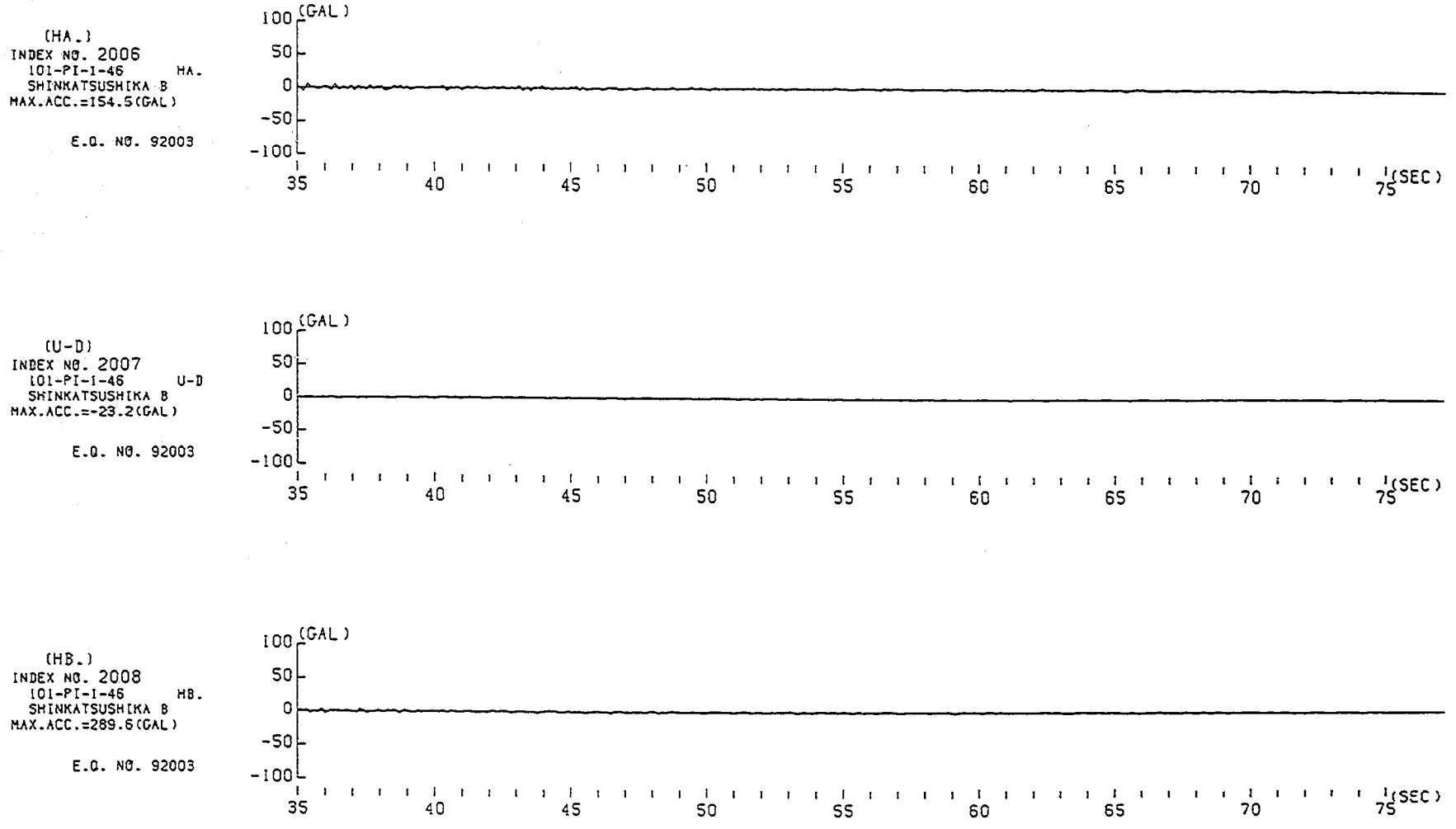


Figure 5—5—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 101-PI-1-46
INDEX NUMBER 2006 2007 2008

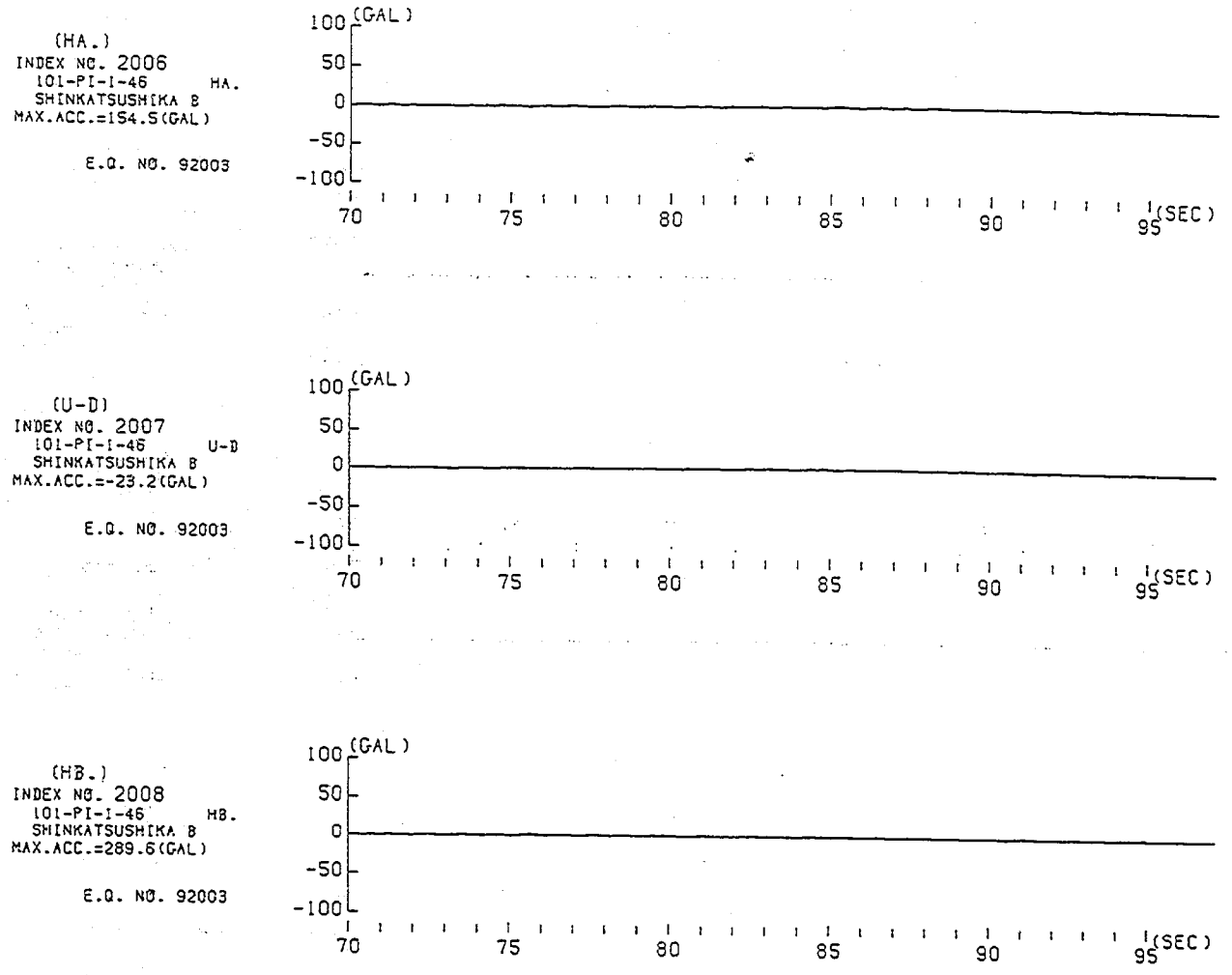


Figure 5—5—3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 101-PI-1-46
INDEX NUMBER 2006 2007 2008

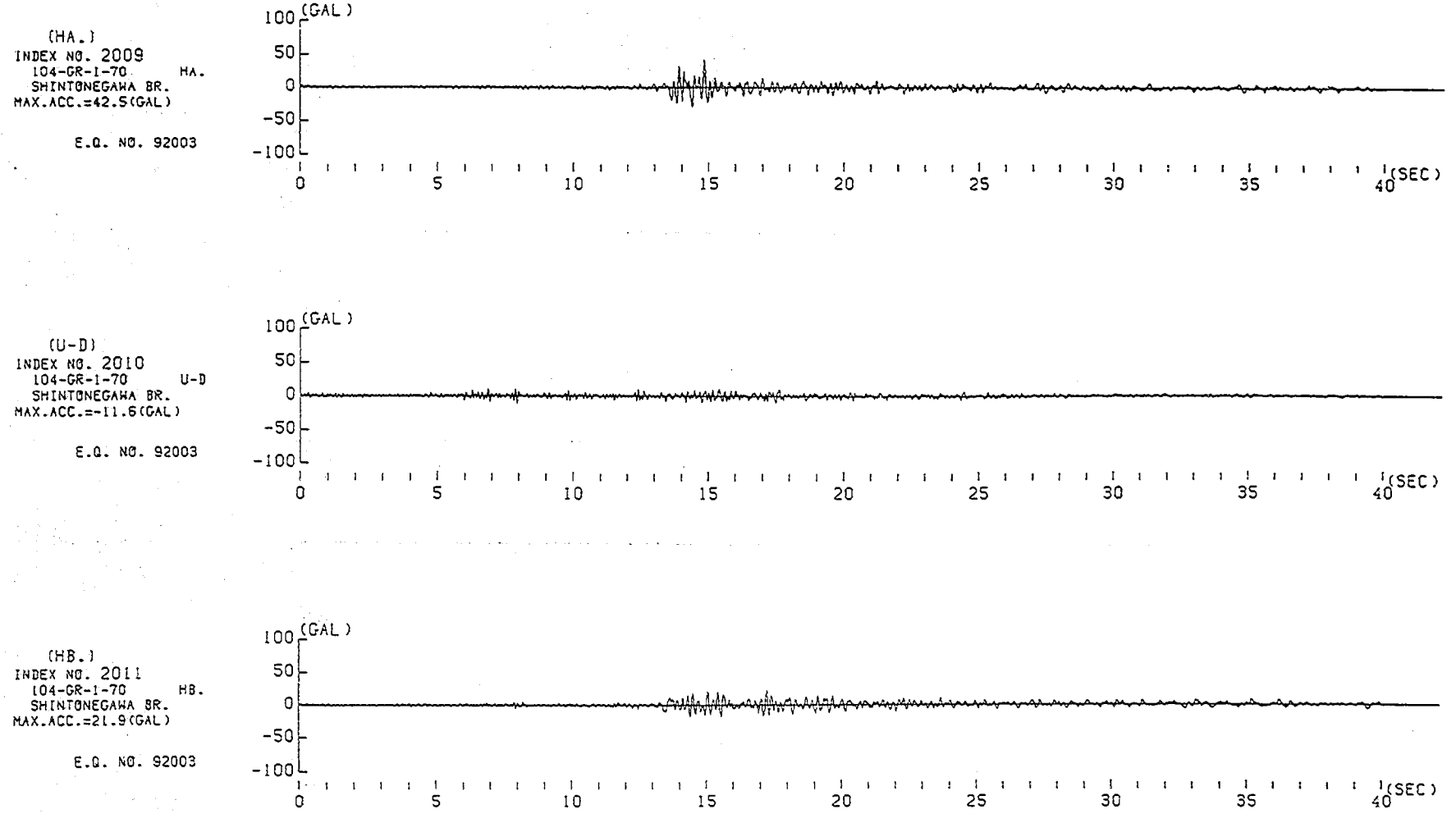


Figure 5—6—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 104-GR-1-70
INDEX NUMBER 2009 2010 2011

(6-1)

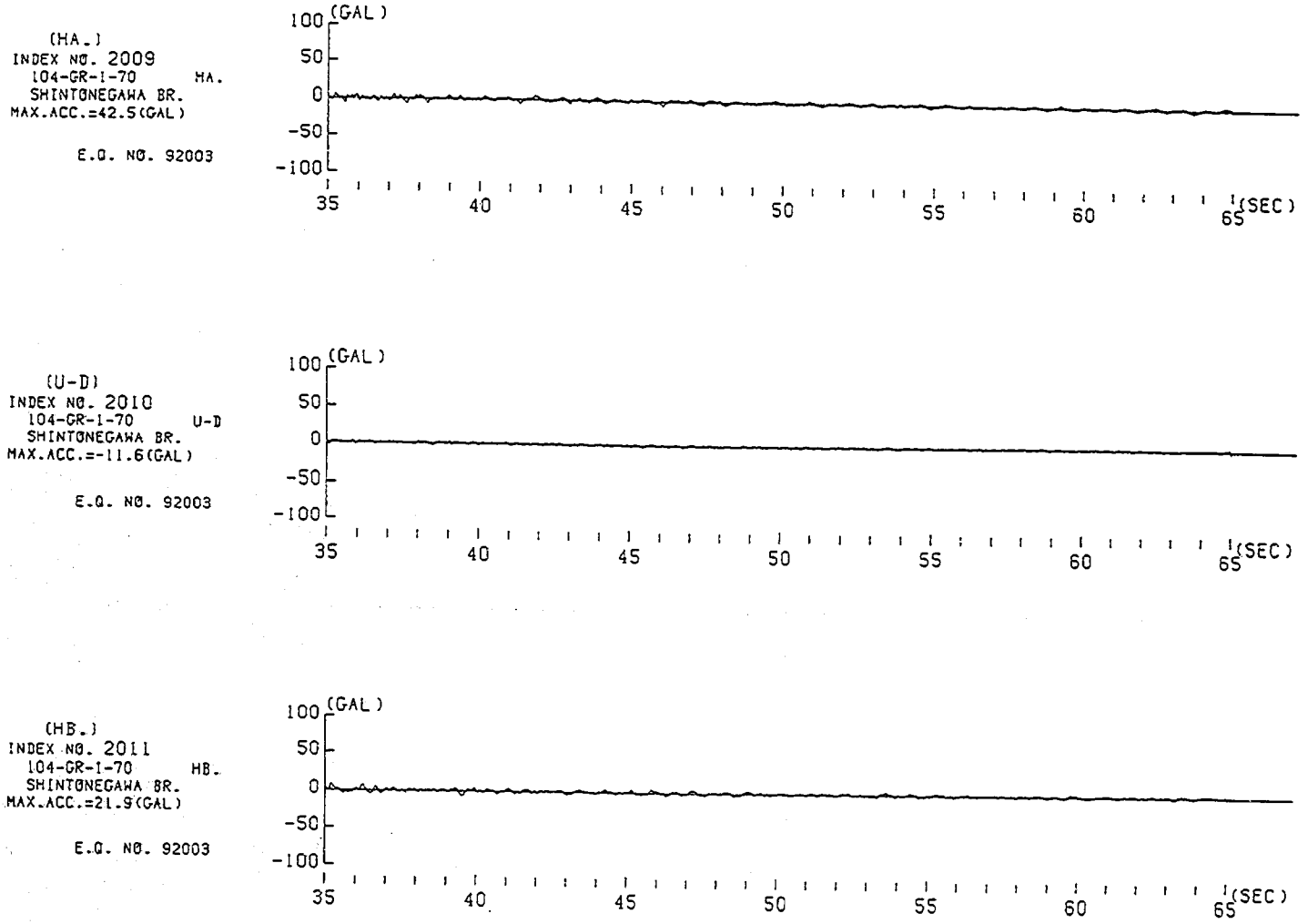


Figure 5—6—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 104-GR-1-70
INDEX NUMBER 2009 2010 2011

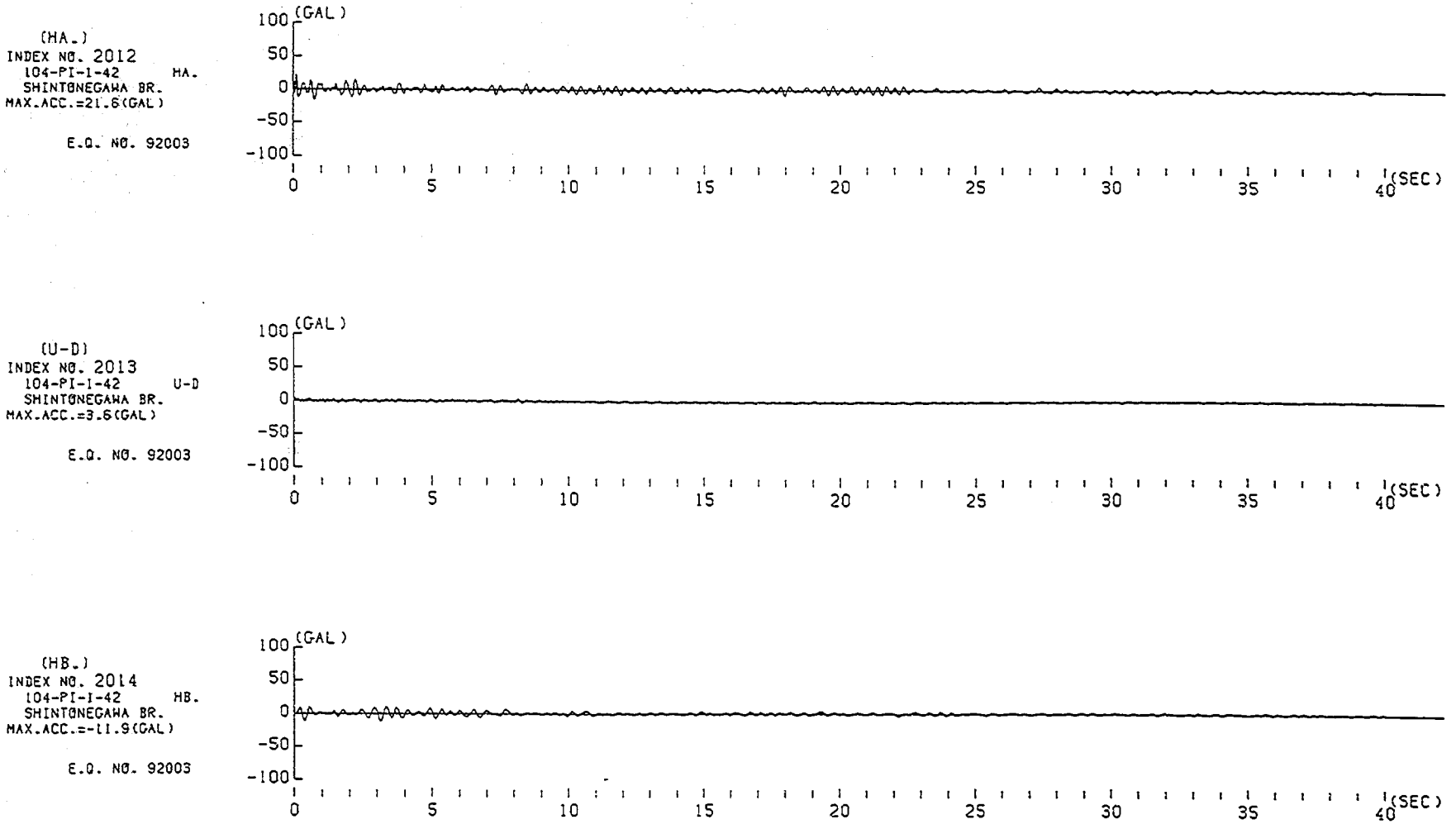


Figure 5—7—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 104-PI-1-42
INDEX NUMBER 2012 2013 2014

(7-1)

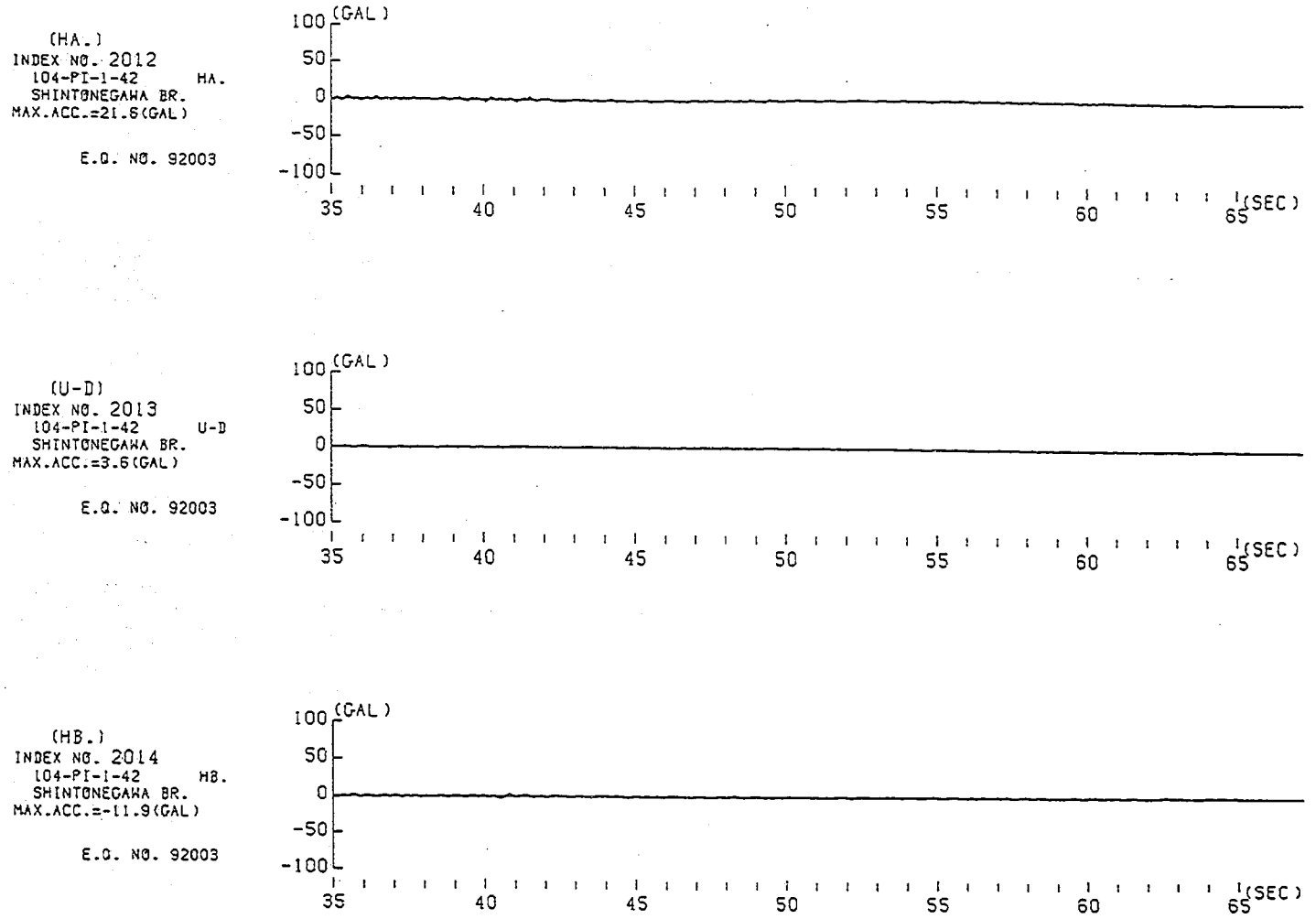


Figure 5—7—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 104-PI-1-42
INDEX NUMBER 2012 2013 2014

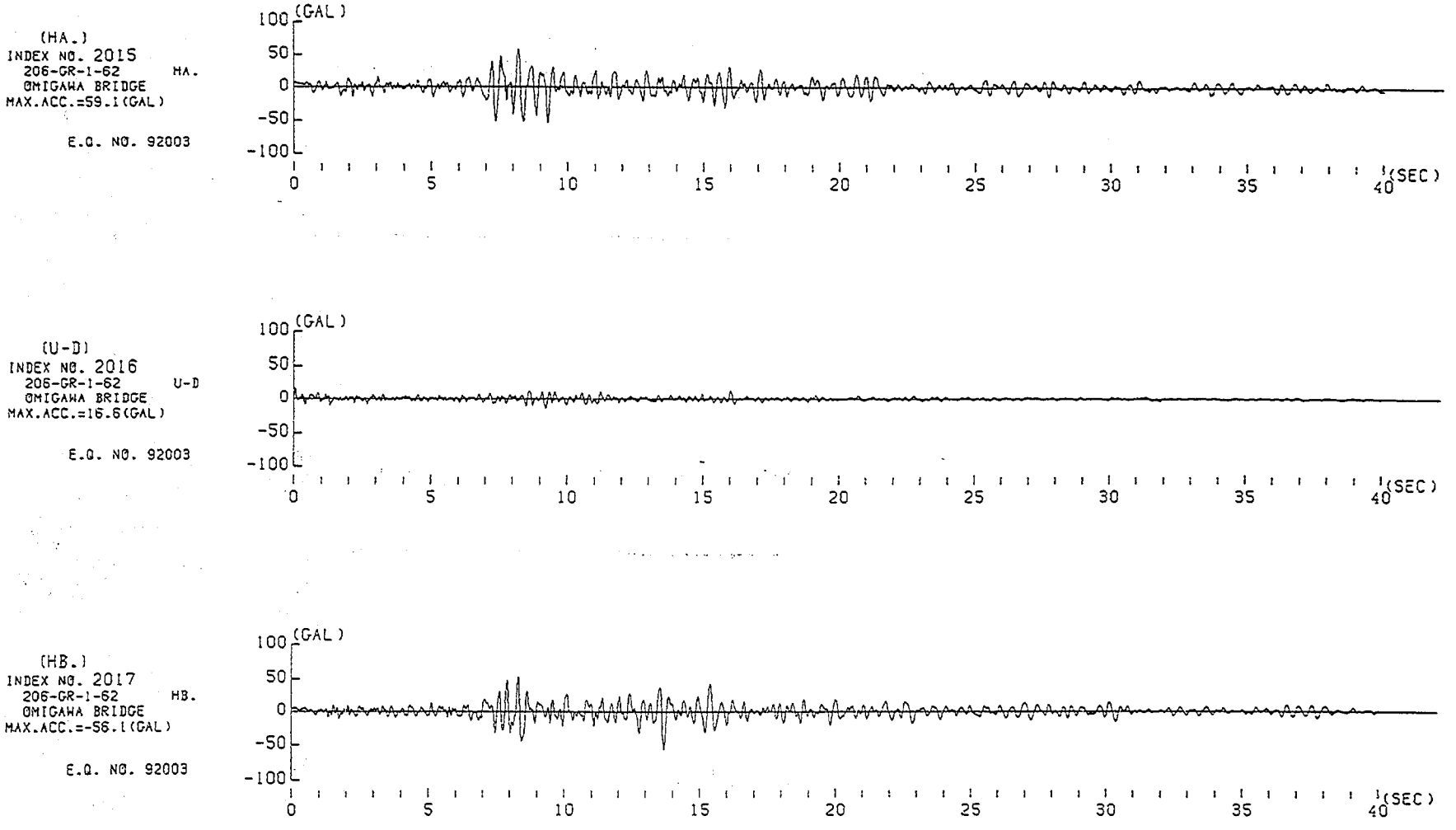
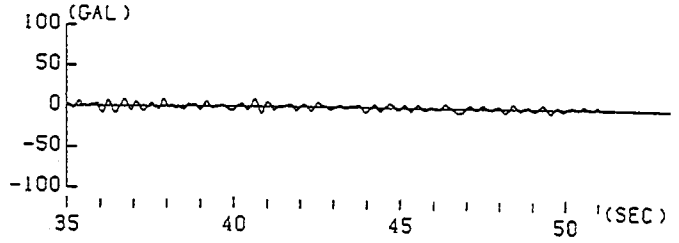


Figure 5—8—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 206-GR-1-62
INDEX NUMBER 2015 2016 2017

(8-1)

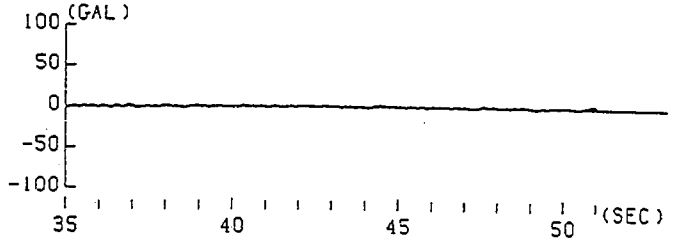
(HA.)
INDEX NO. 2015
206-GR-1-62 HA.
OMIGAWA BRIDGE
MAX.ACC.=59.1(GAL)

E.Q. NO. 92003



(U-D)
INDEX NO. 2016
206-GR-1-62 U-D
OMIGAWA BRIDGE
MAX.ACC.=16.6(GAL)

E.Q. NO. 92003



(HB.)
INDEX NO. 2017
206-GR-1-62 HB.
OMIGAWA BRIDGE
MAX.ACC.=-56.1(GAL)

E.Q. NO. 92003

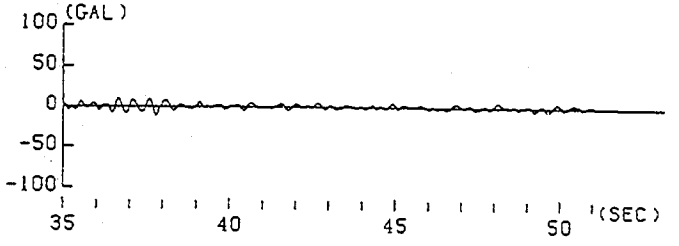


Figure 5—8—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 206-GR-1-62
INDEX NUMBER 2015 2016 2017

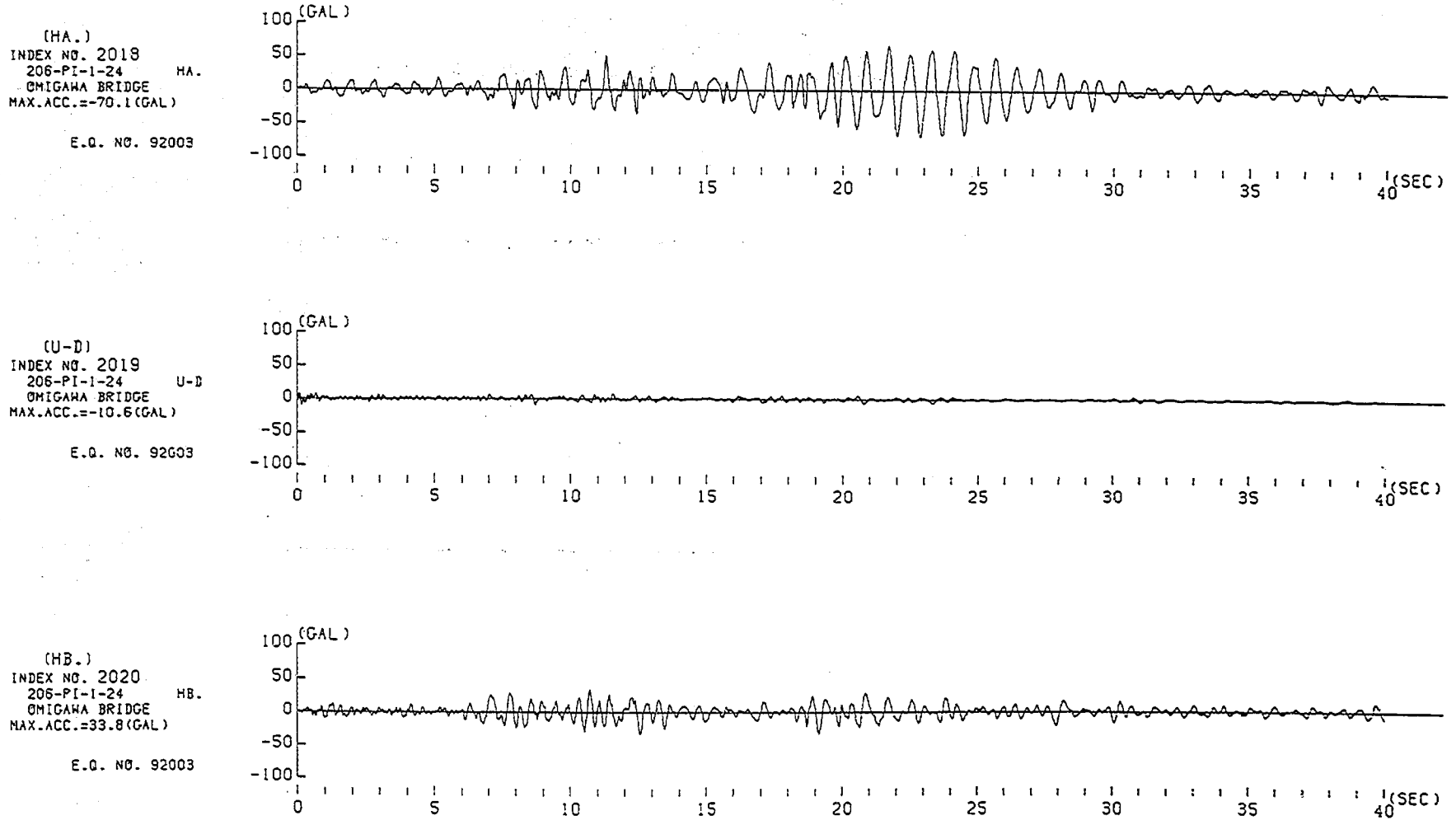


Figure 5—9—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 206-PI-1-24
INDEX NUMBER 2018 2019 2020

(9-1)

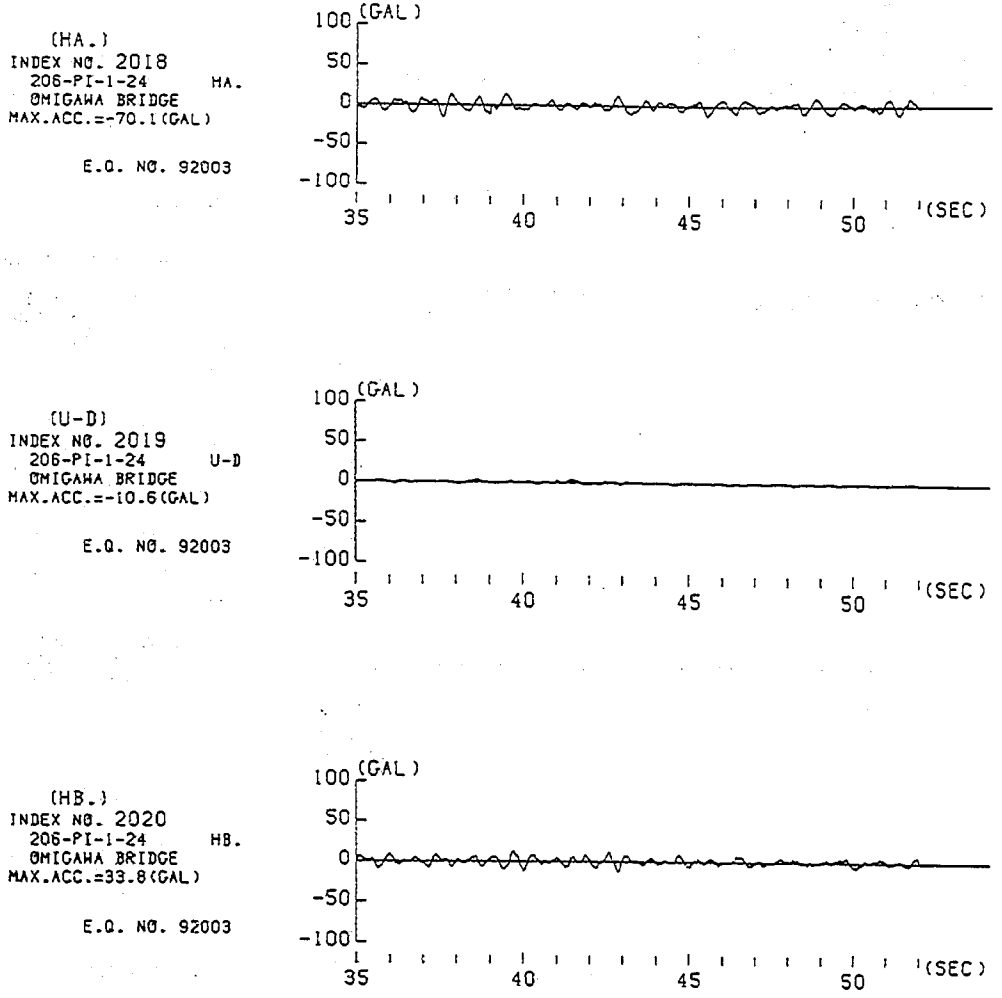


Figure 5—9—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 206-PI-1-24
INDEX NUMBER 2018 2019 2020

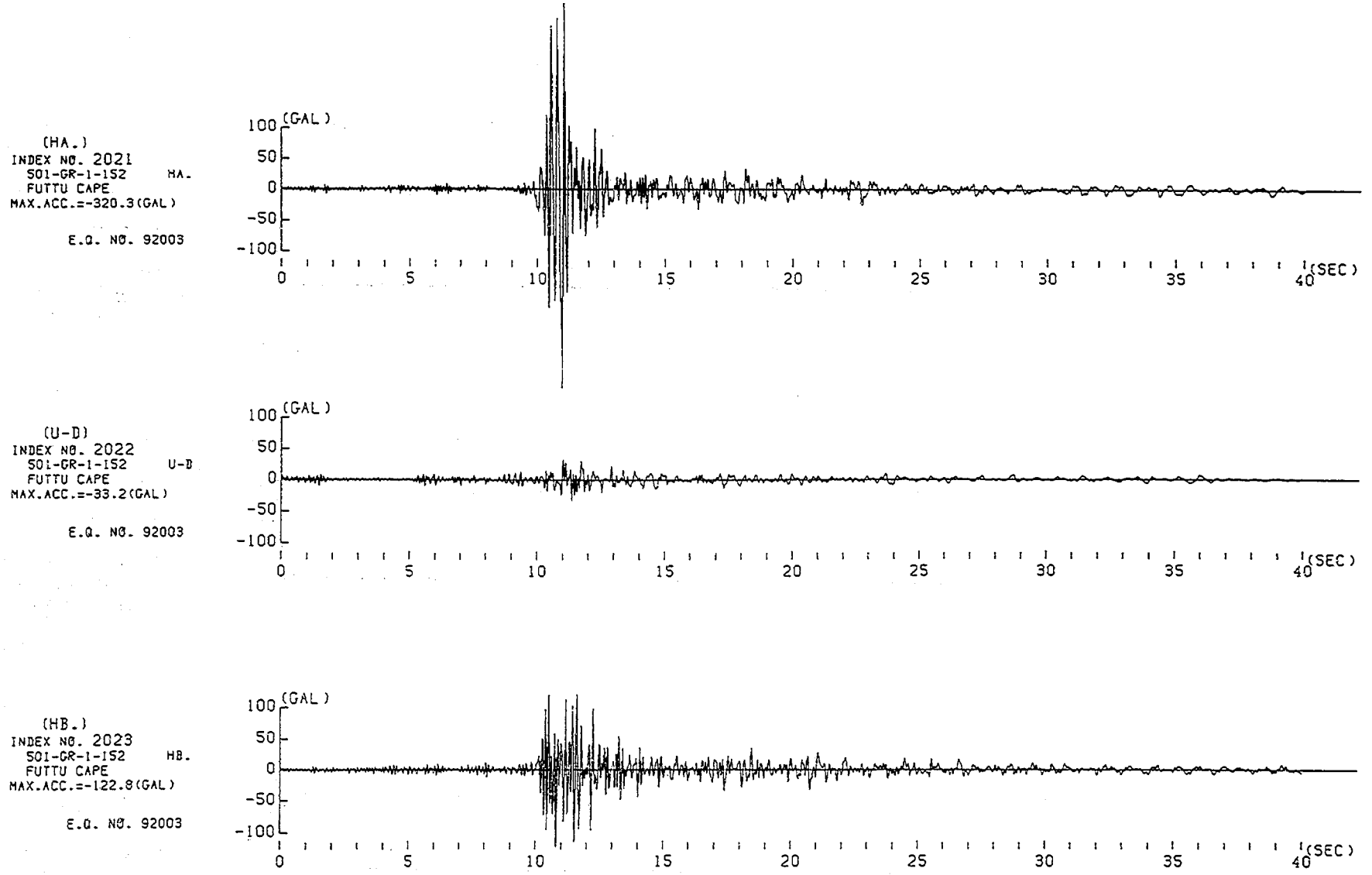


Figure 5—10—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER SO1-GR-1-152
INDEX NUMBER 2021 2022 2023

(10-1)

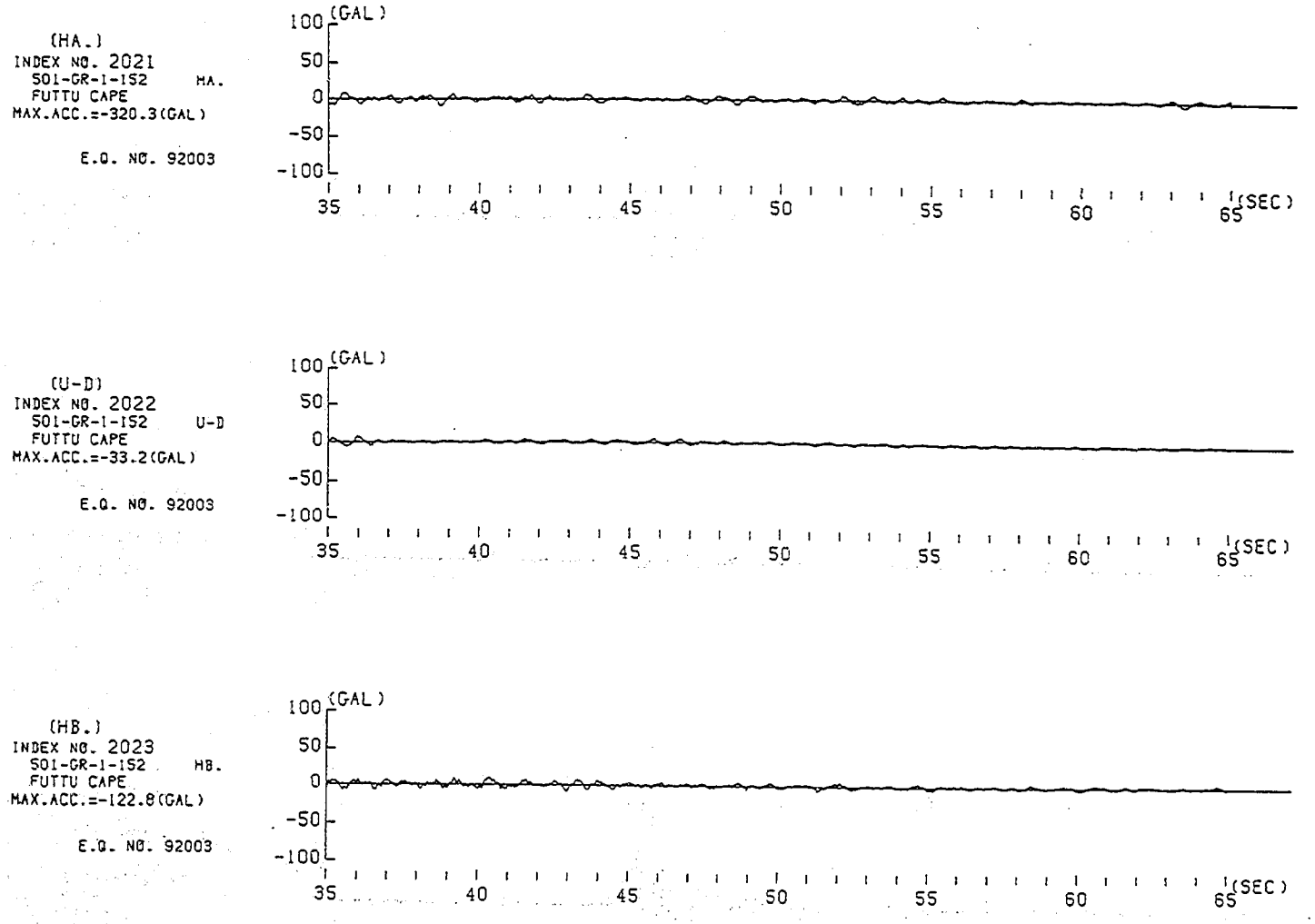


Figure 5—10—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER SO1-GR-1-152
INDEX NUMBER 2021 2022 2023

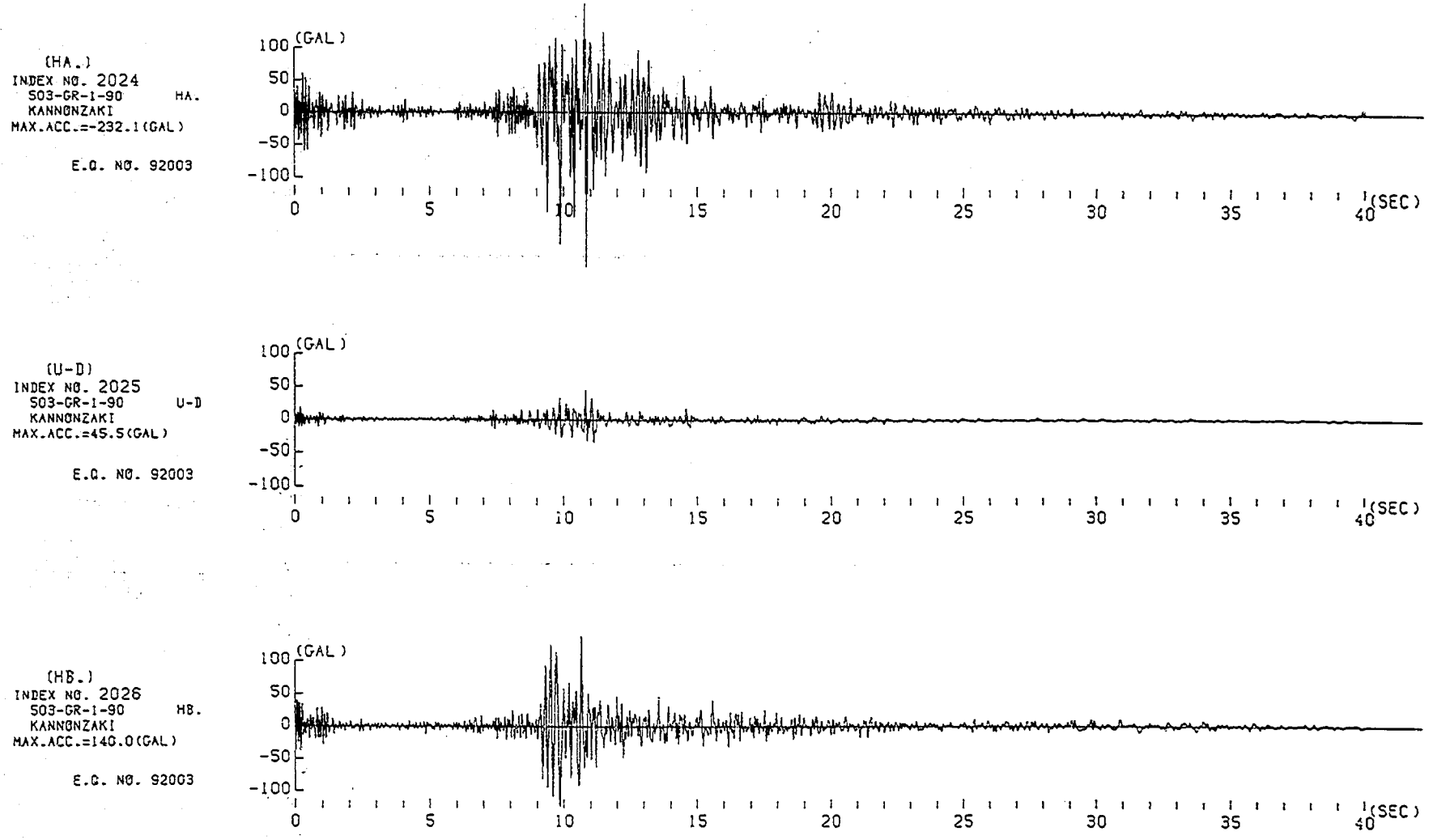


Figure 5—11—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 503-GR-1-90
INDEX NUMBER 2024 2025 2026

(11-1)

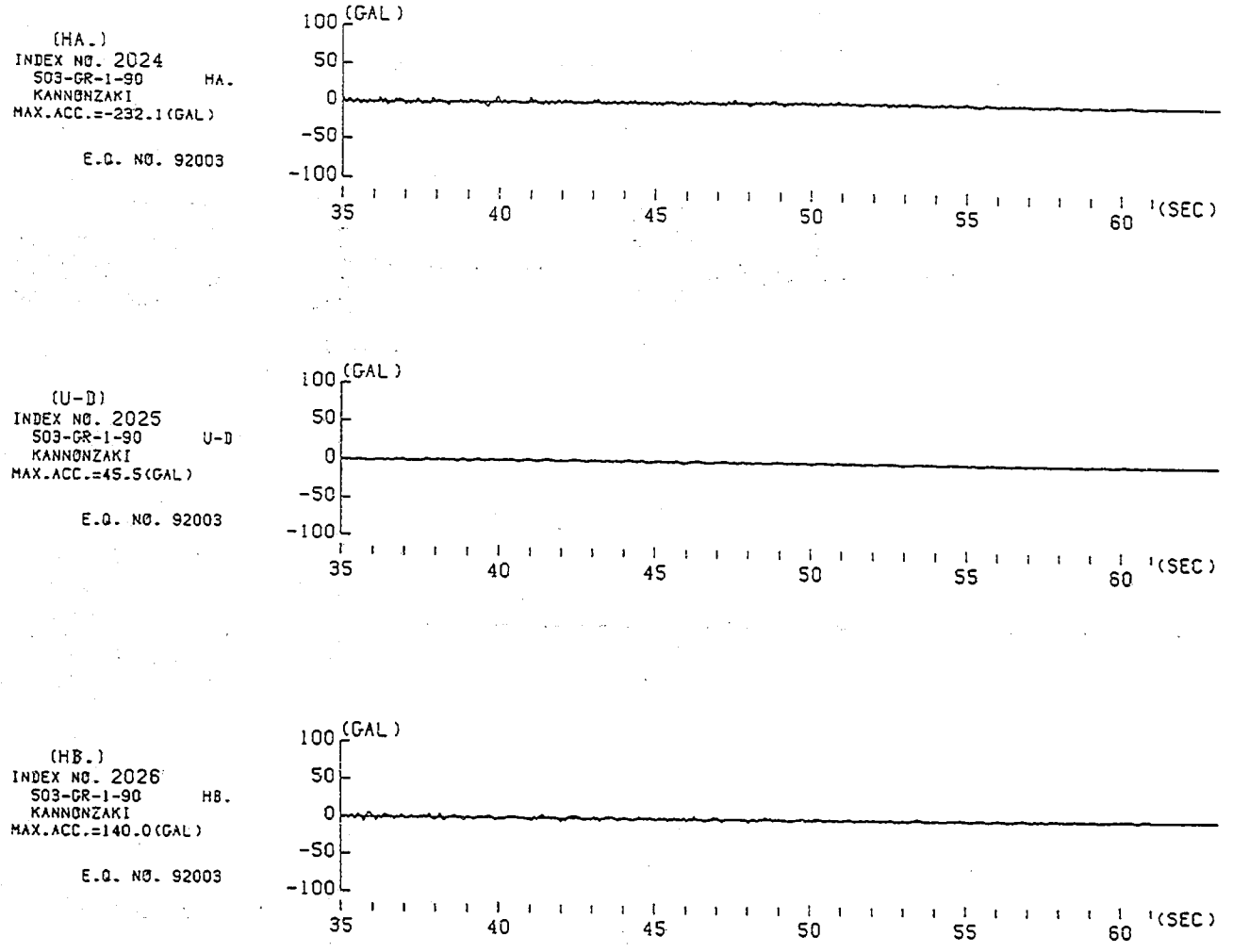


Figure 5—11—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 503-GR-1-90
INDEX NUMBER 2024 2025 2026

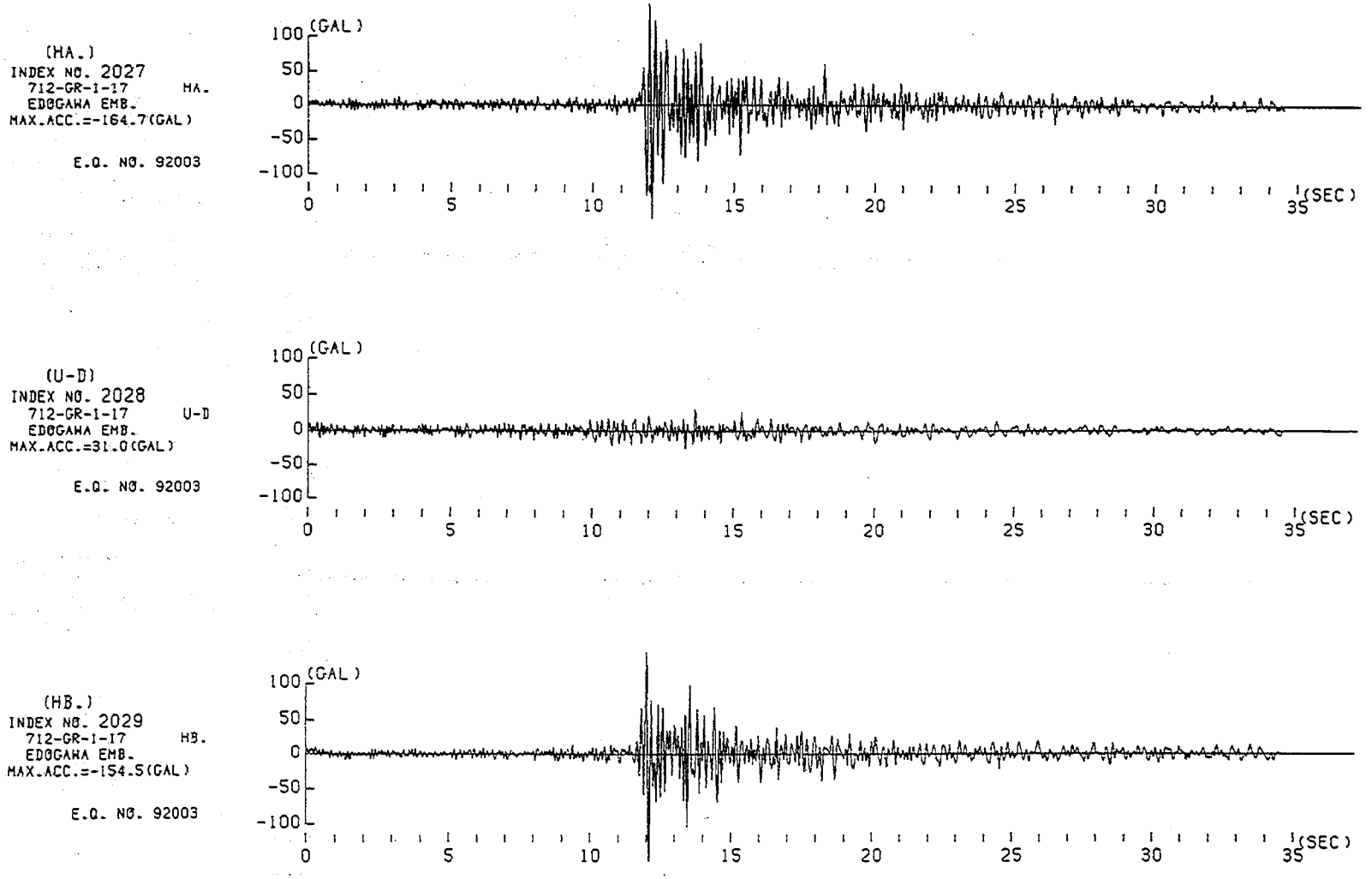


Figure 5—12 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 712-GR-1-17
INDEX NUMBER 2027 2028 2029

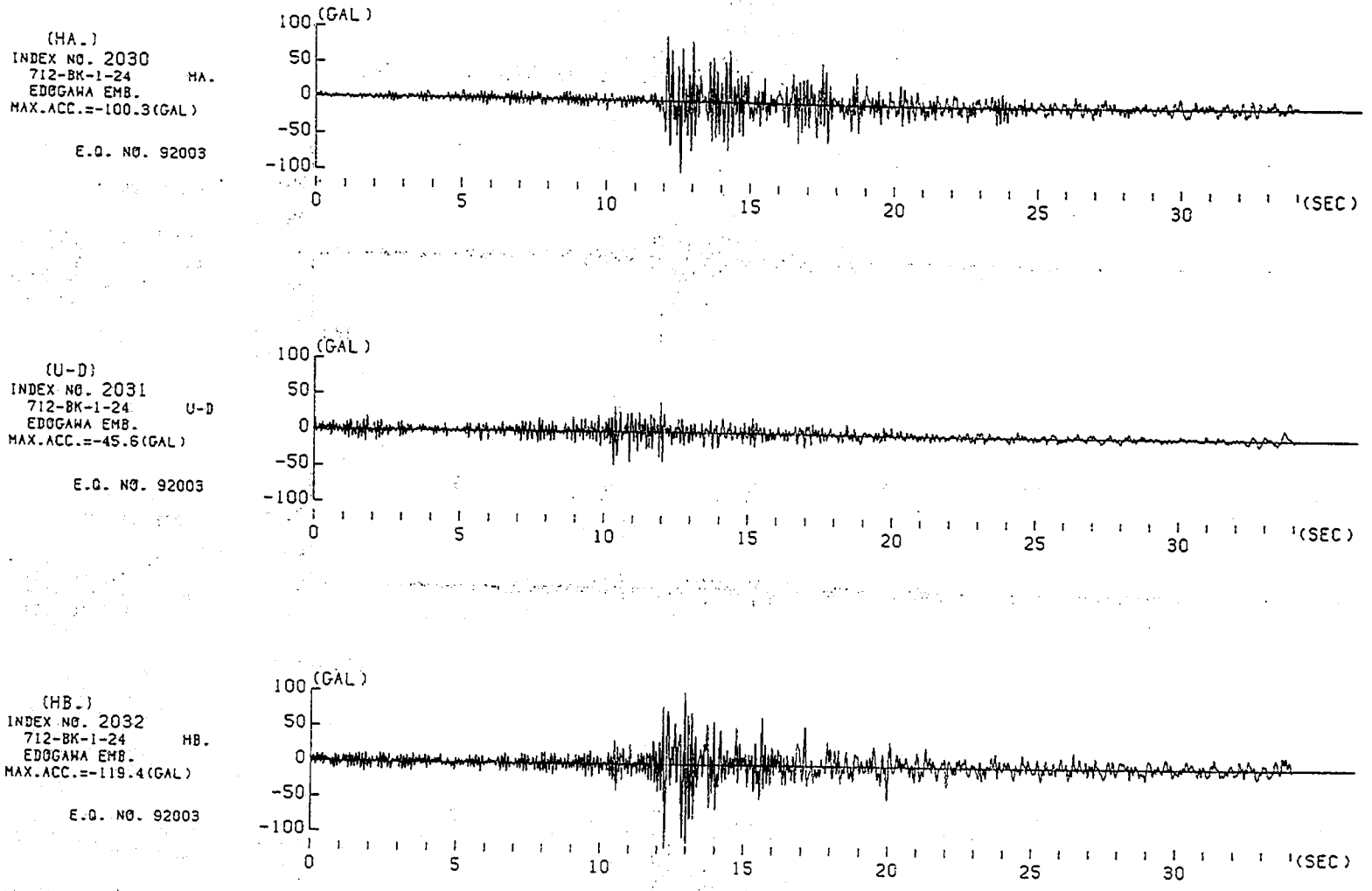


Figure 5—13 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 712-BK-1-24
INDEX NUMBER 2030 2031 2032

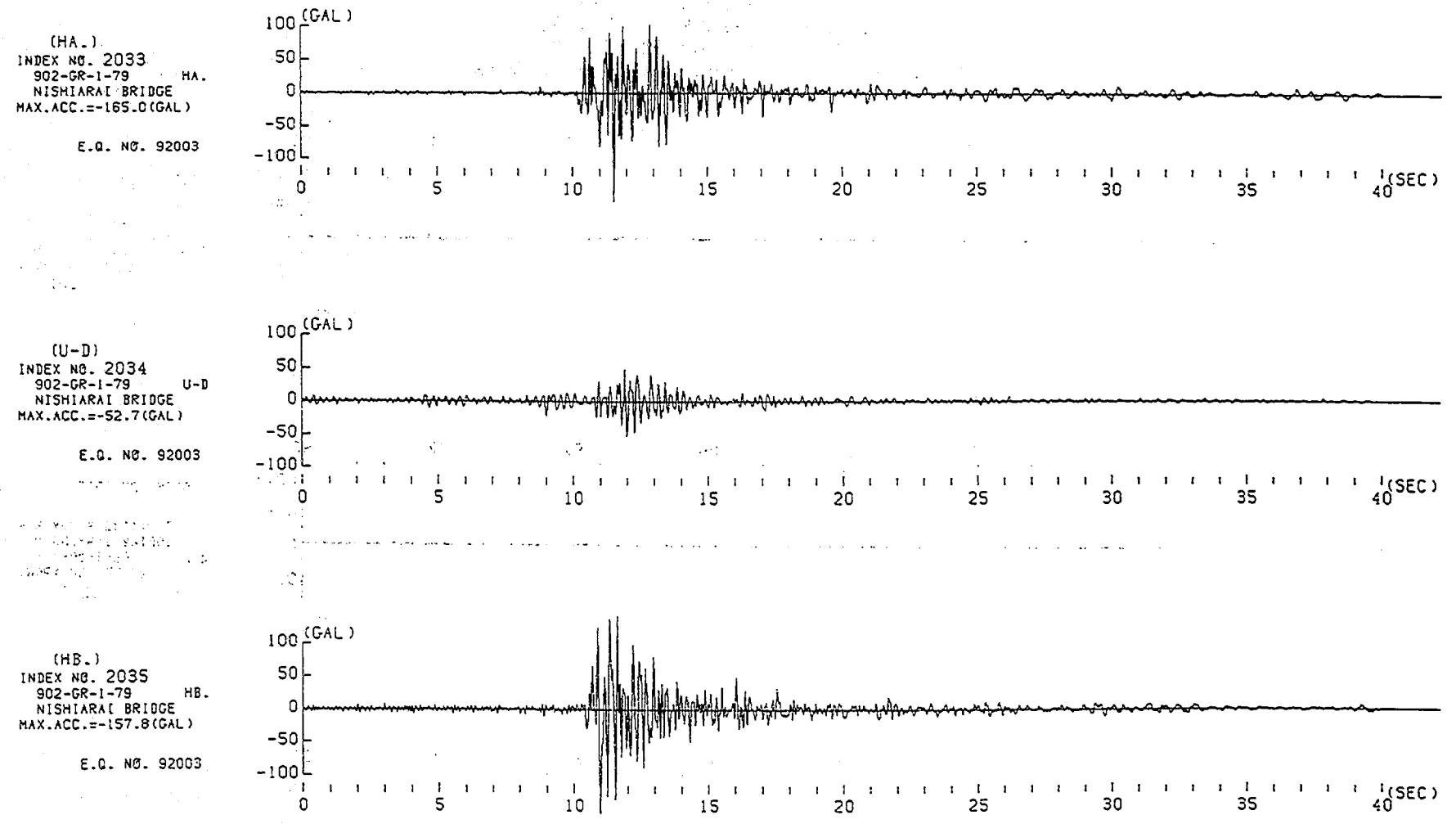


Figure 5—14—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 902-GR-1-79
INDEX NUMBER 2033 2034 2035

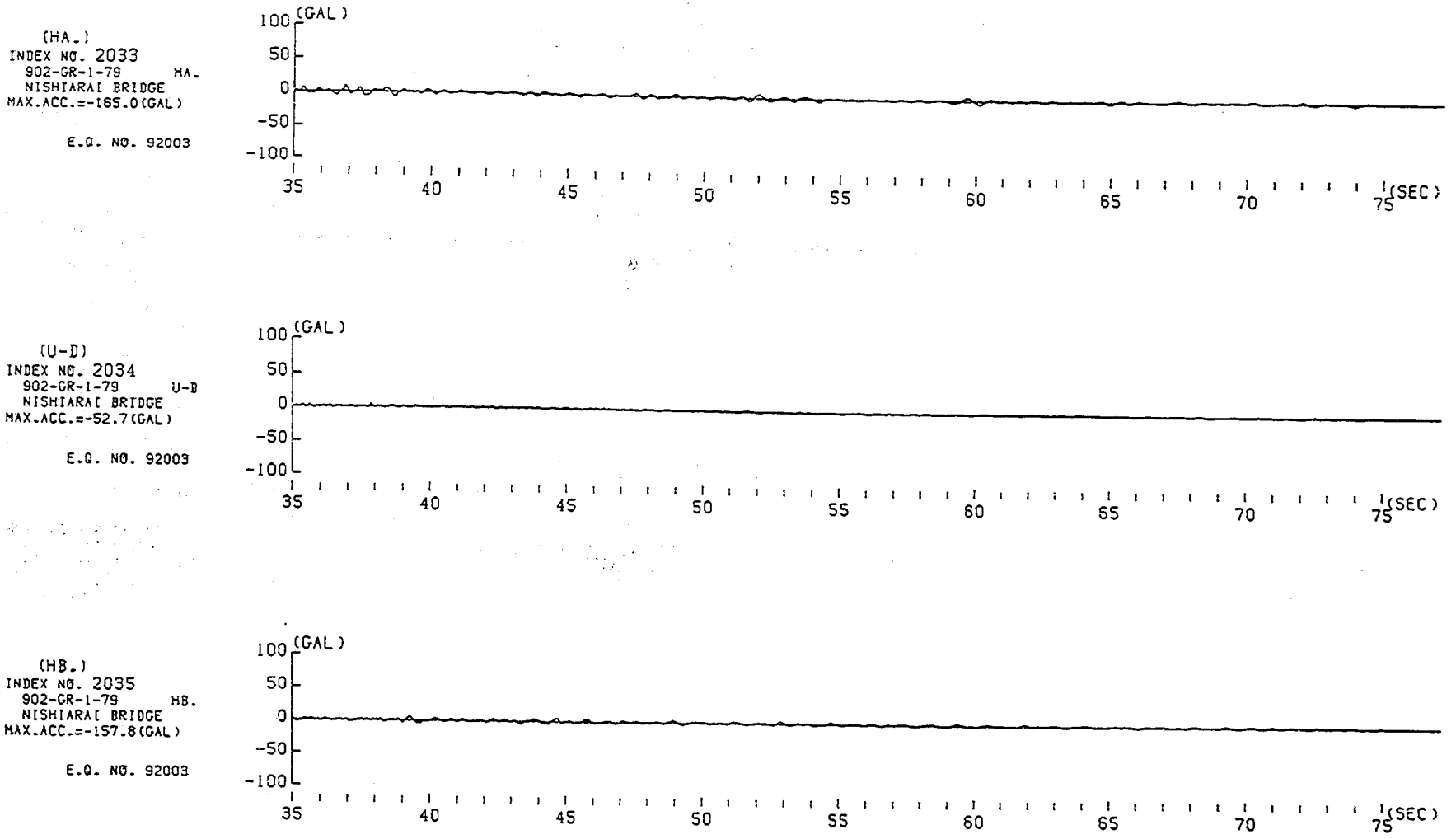


Figure 5—14—2 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE	NUMBER	92003
RECORD	NUMBER	902-GR-1-79
INDEX	NUMBER	2033 2034 2035

(14-2)

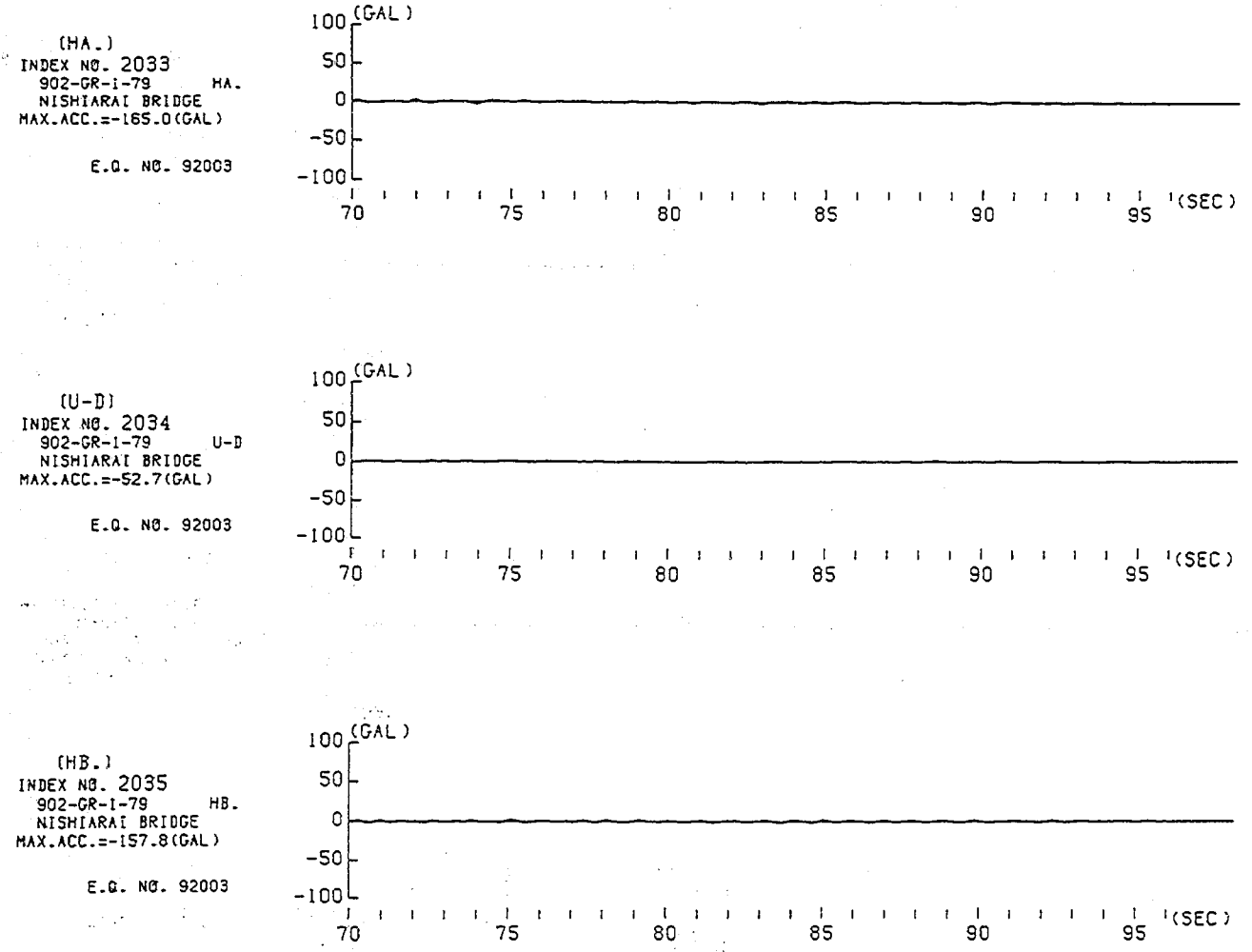


Figure 5—14—3 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE	NUMBER	92003
RECORD	NUMBER	902-GR-1-79
INDEX	NUMBER	2033 2034 2035

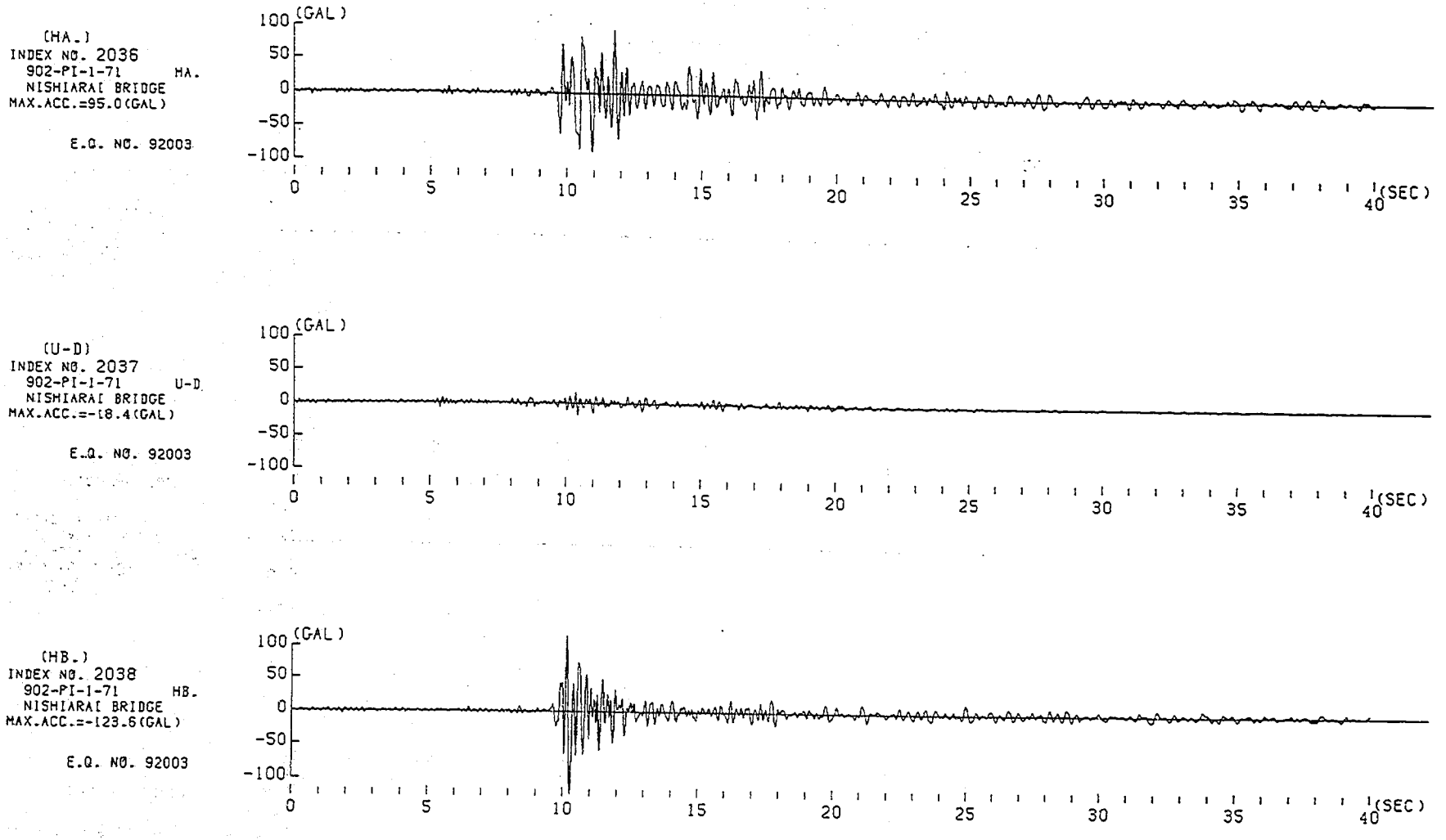


Figure 5—15—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 902-PI-1-71
INDEX NUMBER 2036 2037 2038

(1S-1)

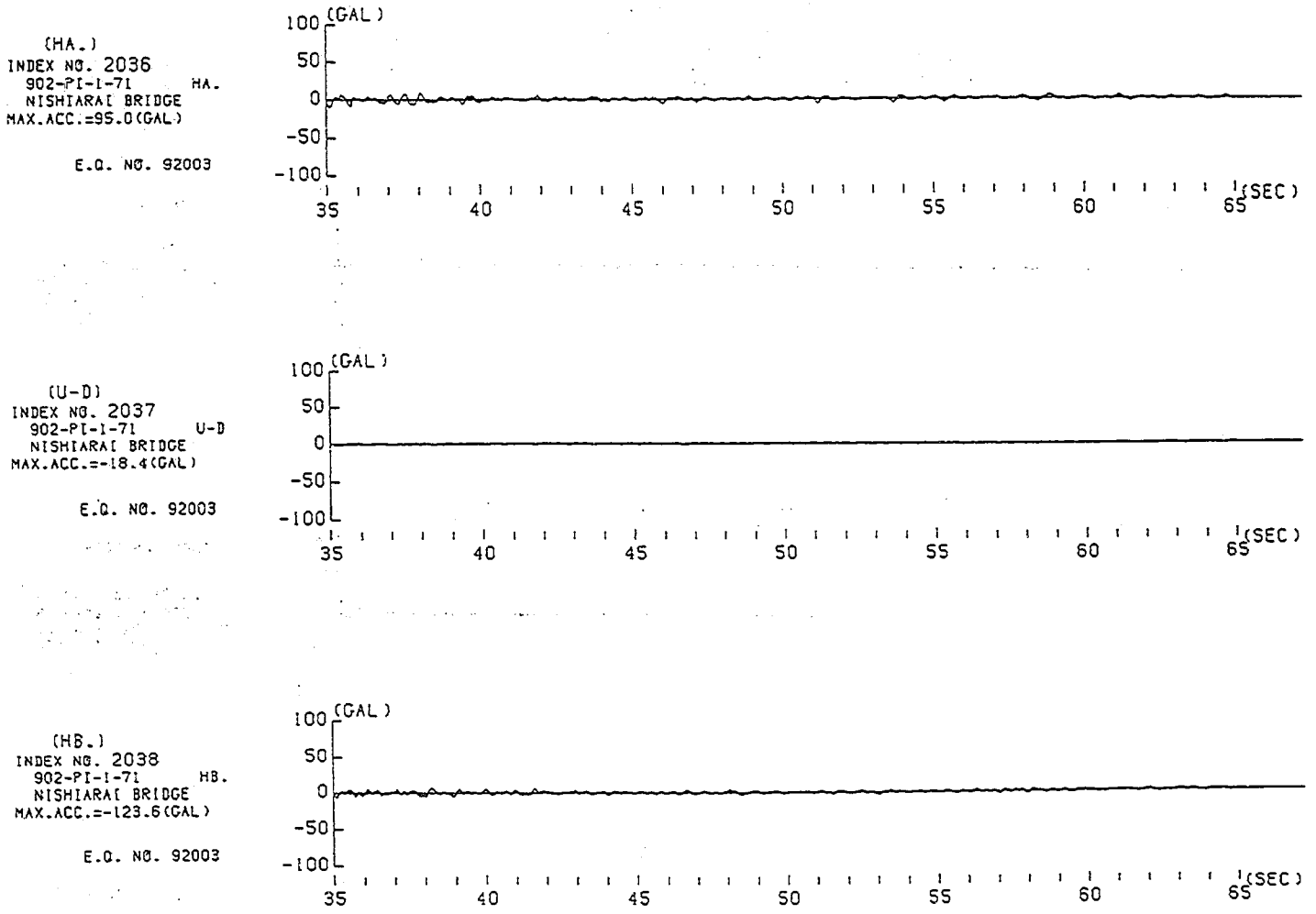


Figure 5—15—2 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE	NUMBER	92003
RECORD	NUMBER	902-PI-1-71
INDEX	NUMBER	2036 2037 2038

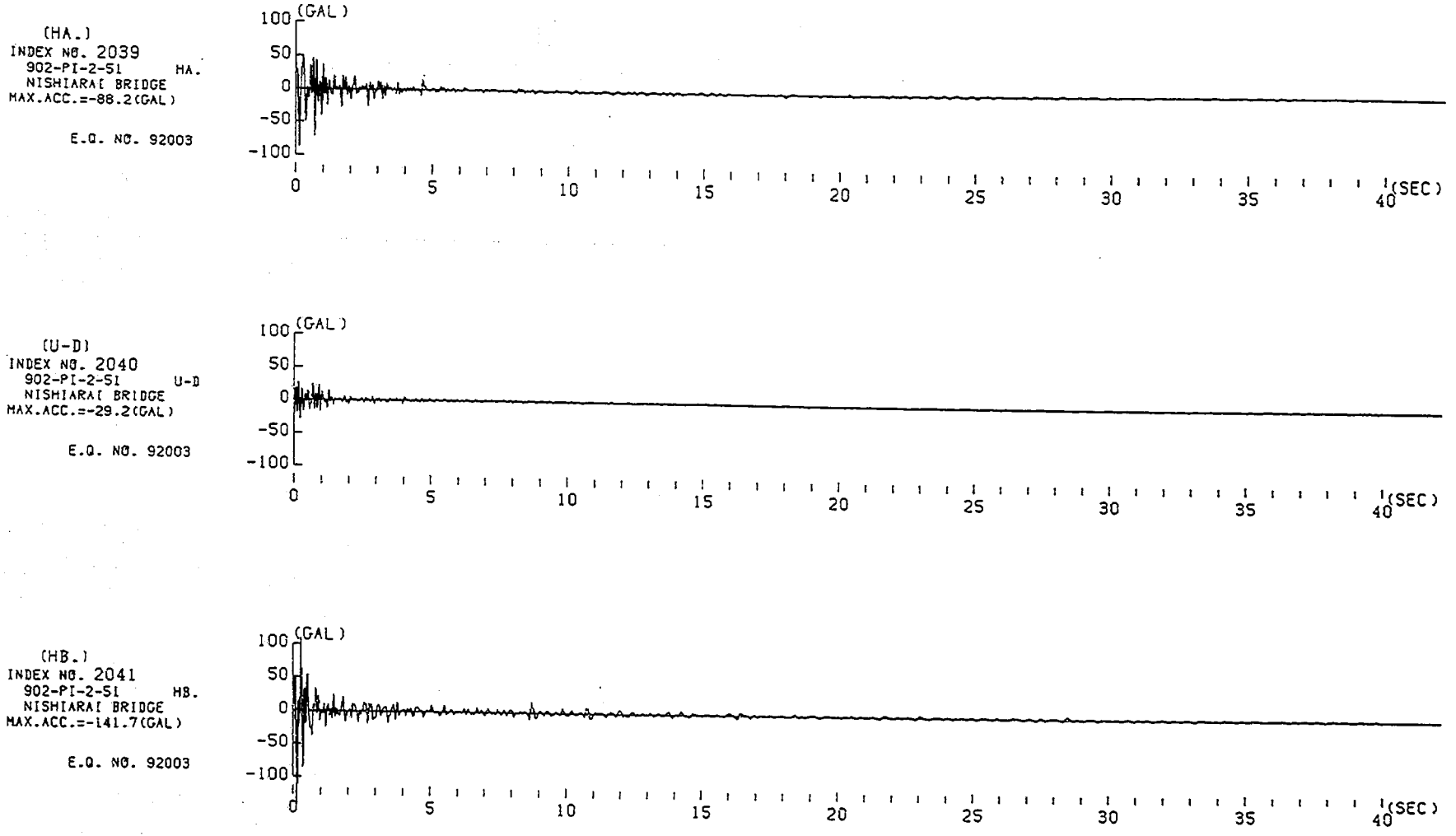


Figure 5—16—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 902-PI-2-51
INDEX NUMBER 2039 2040 2041

(16-1)

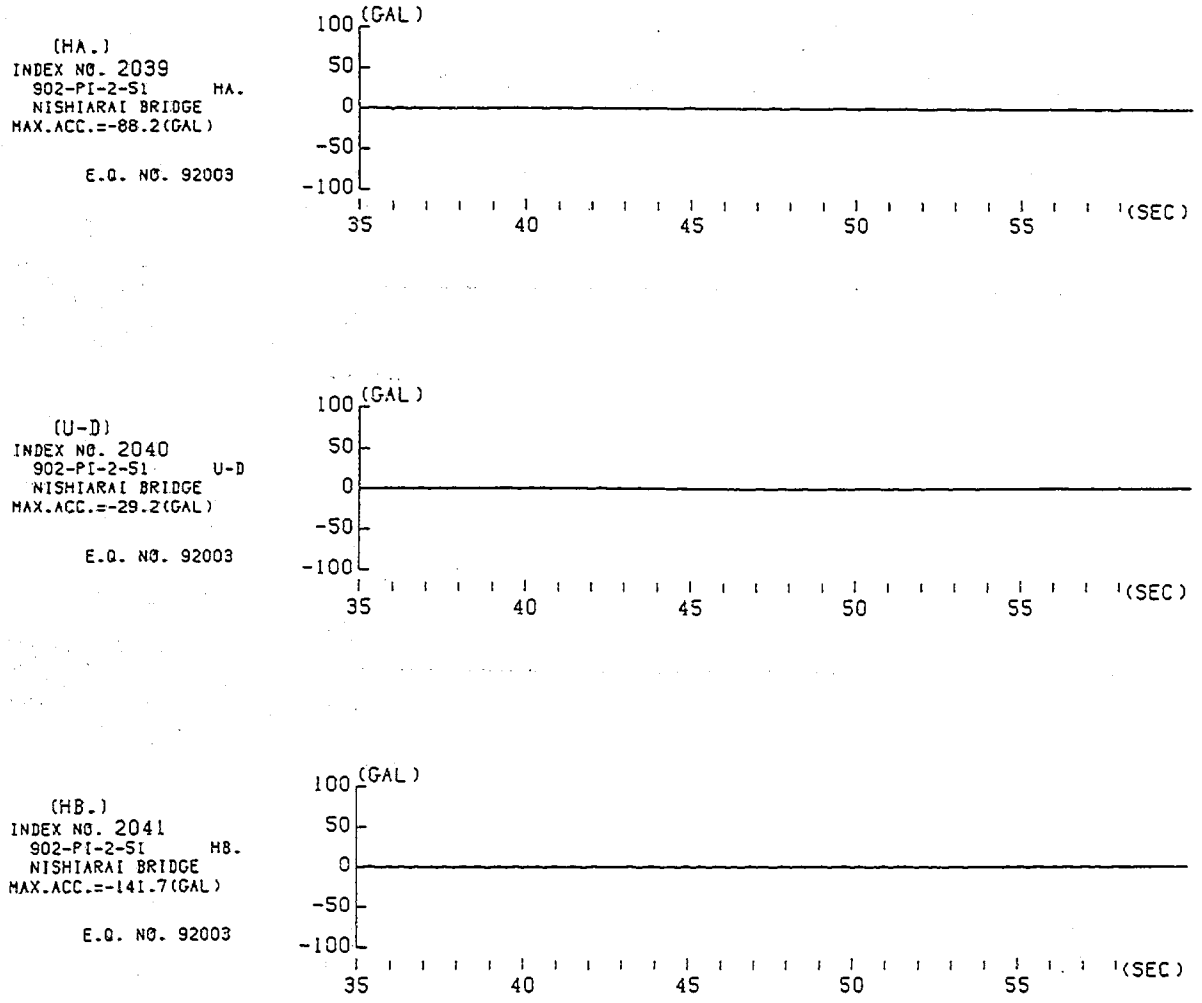


Figure 5—16—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER 902-PI-2-51
INDEX NUMBER 2039 2040 2041

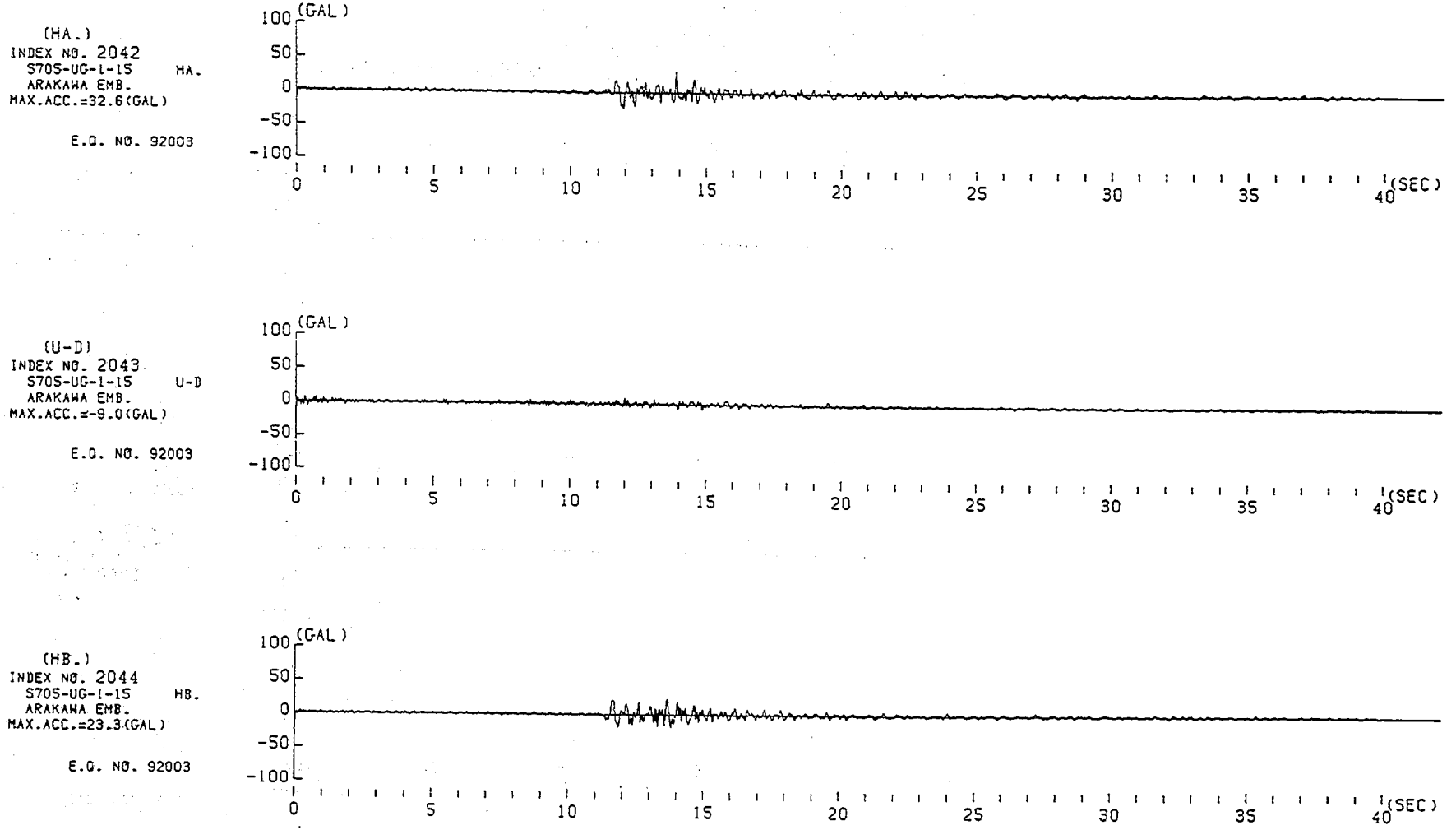


Figure 5—17—1 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE NUMBER 92003
RECORD NUMBER S70S-UG-1-1S
INDEX NUMBER 2042 2043 2044

(17-1)

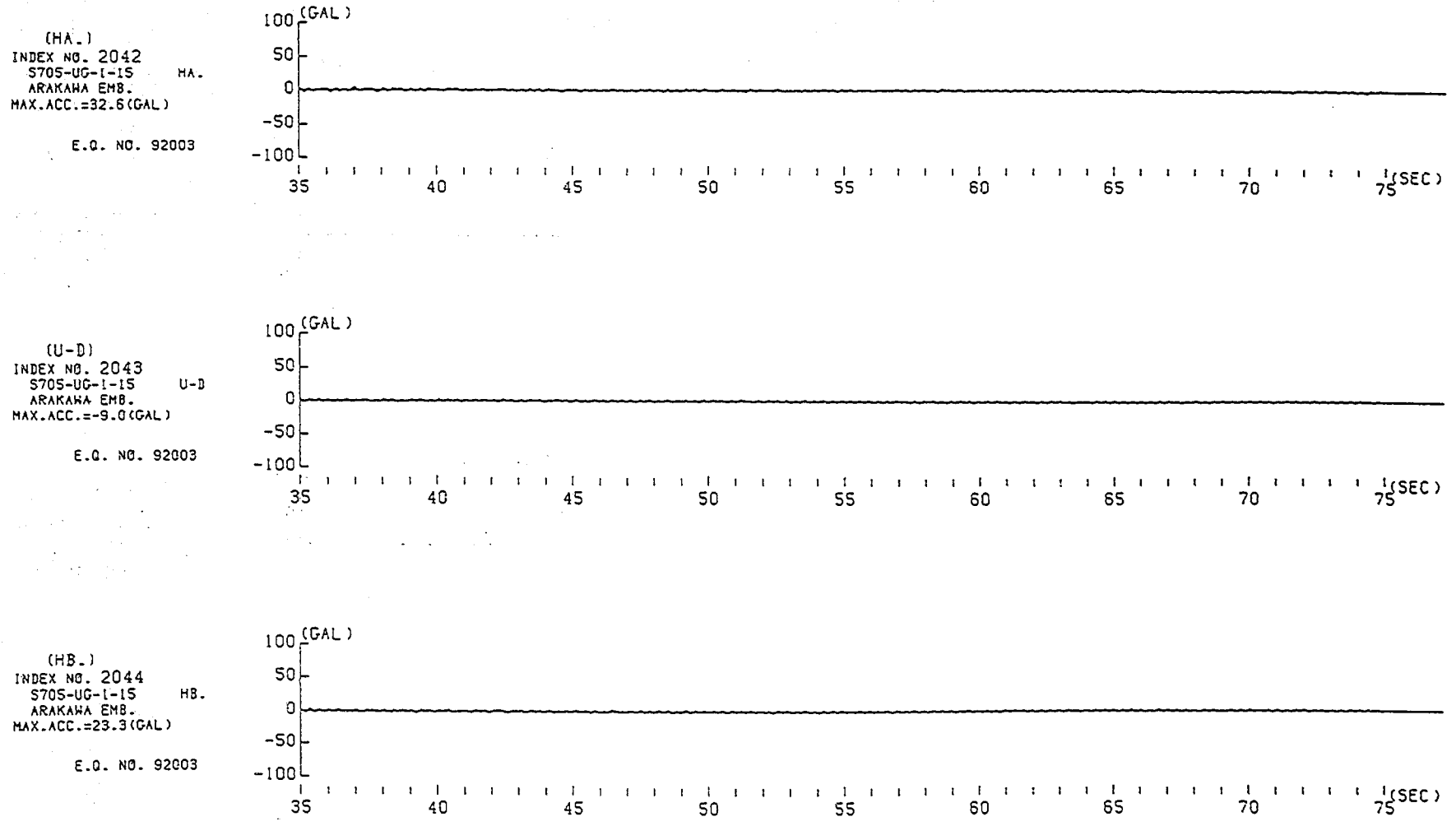


Figure 5—17—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER S705-UG-1-15
INDEX NUMBER 2042 2043 2044

(17-2)

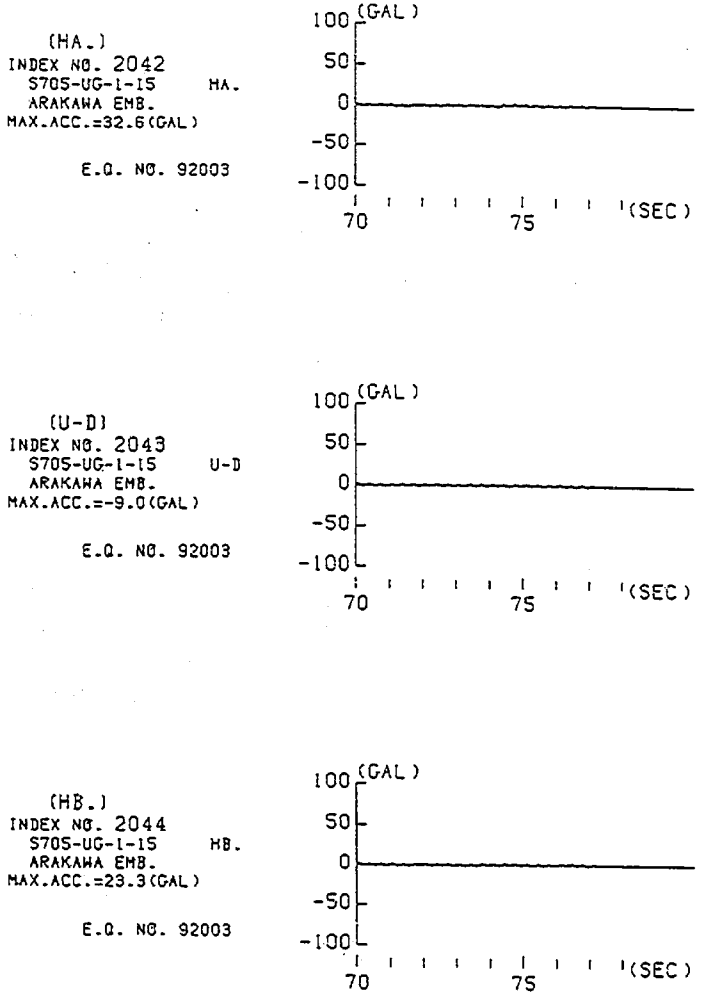


Figure 5—17—3 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE	NUMBER	92003
RECORD	NUMBER	S705-UG-1-15
INDEX	NUMBER	2042 2043 2044

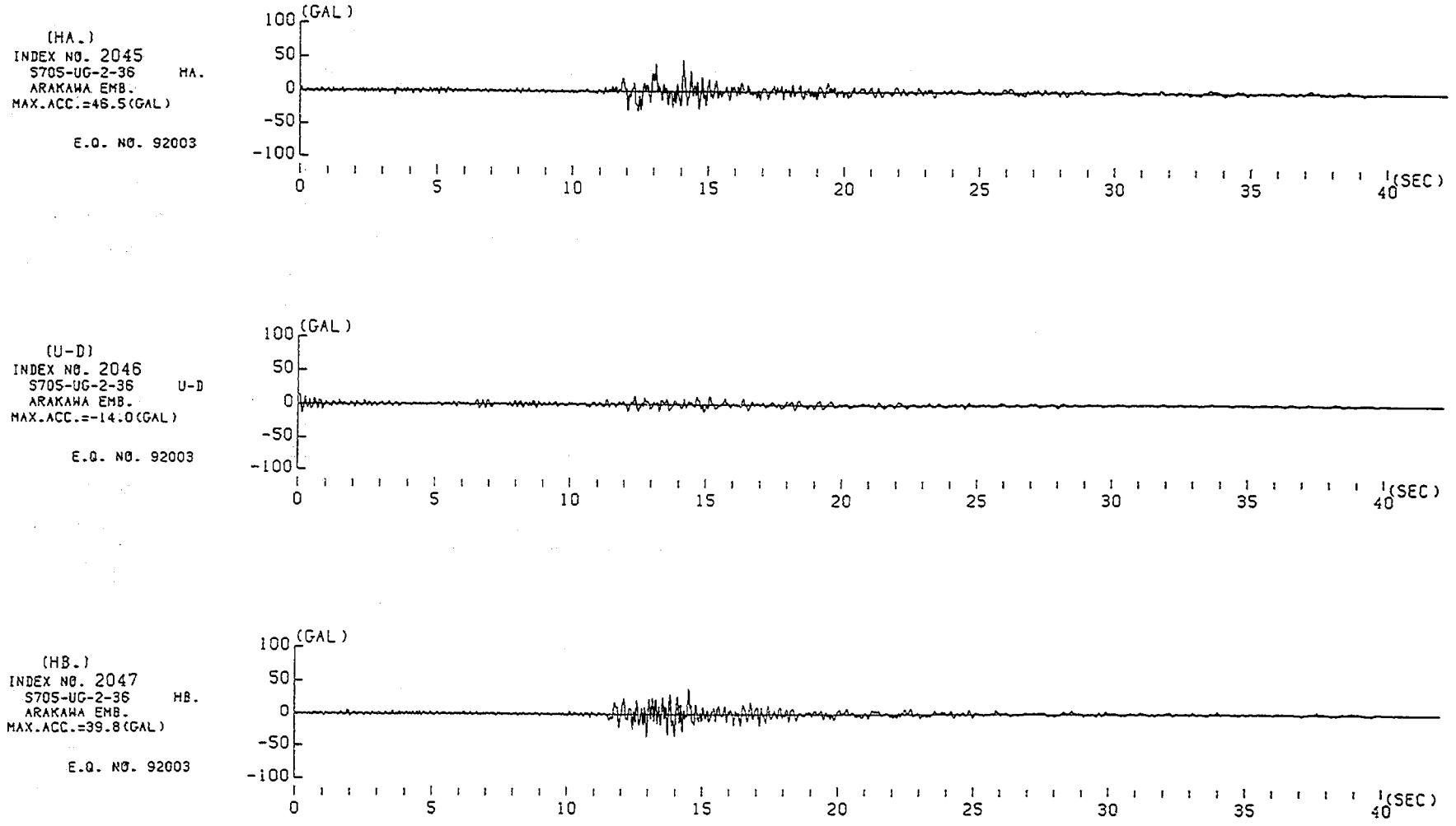
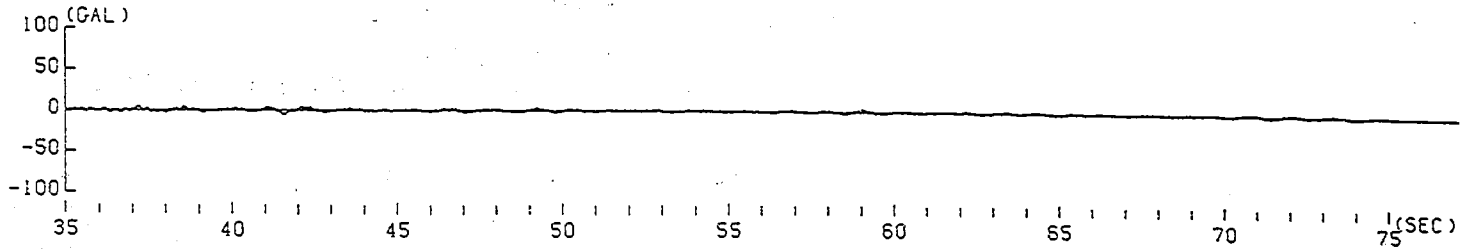


Figure 5—18—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER S70S-UG-2-36
INDEX NUMBER 2045 2046 2047

(18-1)

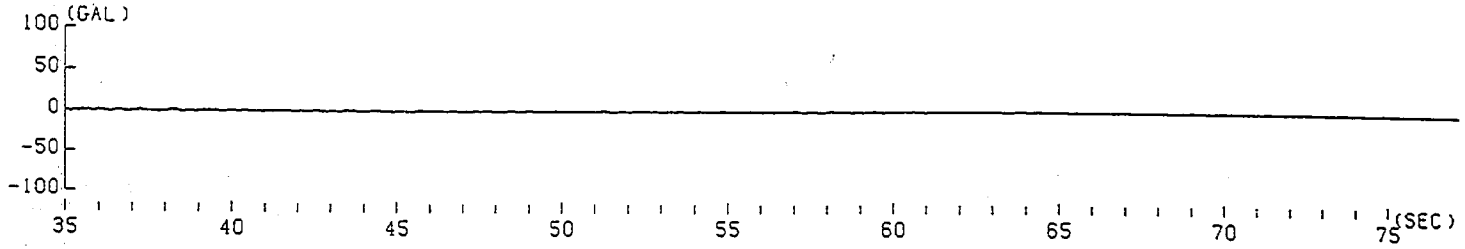
(HA.)
INDEX NO. 2045
S70S-UG-2-36 HA.
ARAKAWA EMB.
MAX.ACC.=46.5(GAL)

E.Q. NO. 92003



(U-D)
INDEX NO. 2046
S70S-UG-2-36 U-D
ARAKAWA EMB.
MAX.ACC.=-14.0(GAL)

E.Q. NO. 92003



(HB.)
INDEX NO. 2047
S70S-UG-2-36 HB.
ARAKAWA EMB.
MAX.ACC.=39.8(GAL)

E.Q. NO. 92003

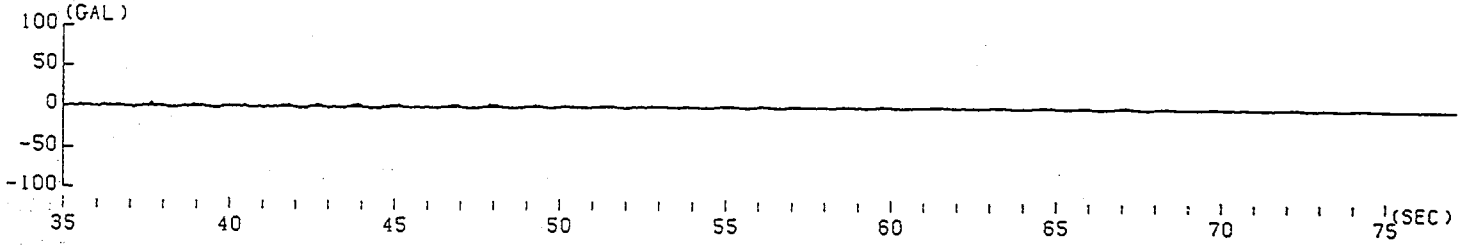


Figure 5—18—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER S70S-UG-2-36
INDEX NUMBER 2045 2046 2047

(18-2)

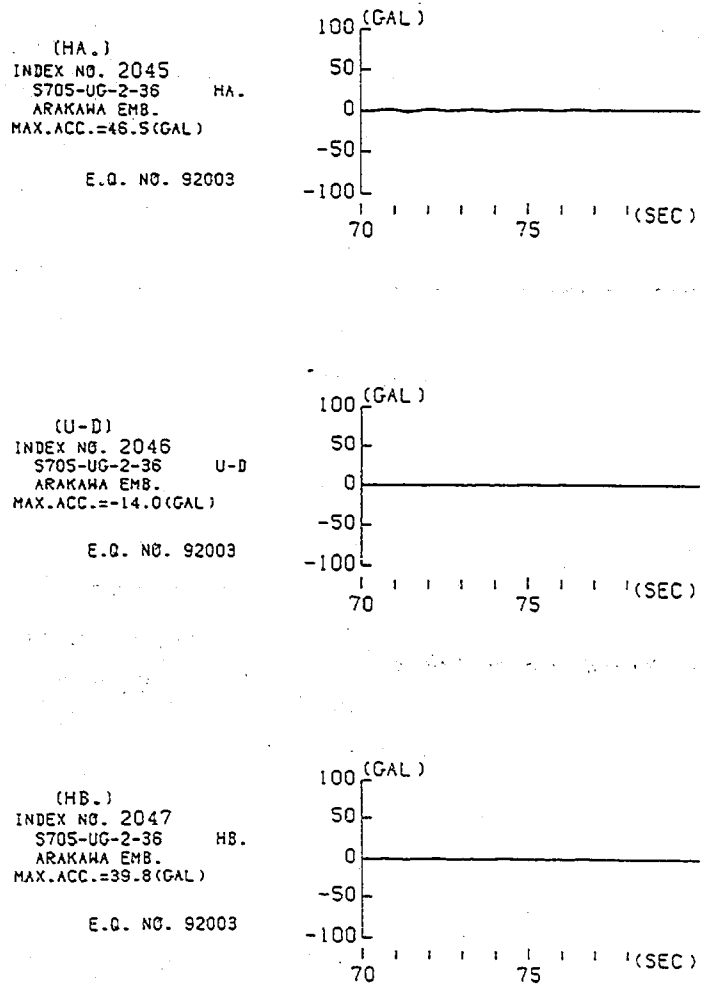


Figure 5—18—3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER S705-UG-2-36
INDEX NUMBER 2045 2046 2047

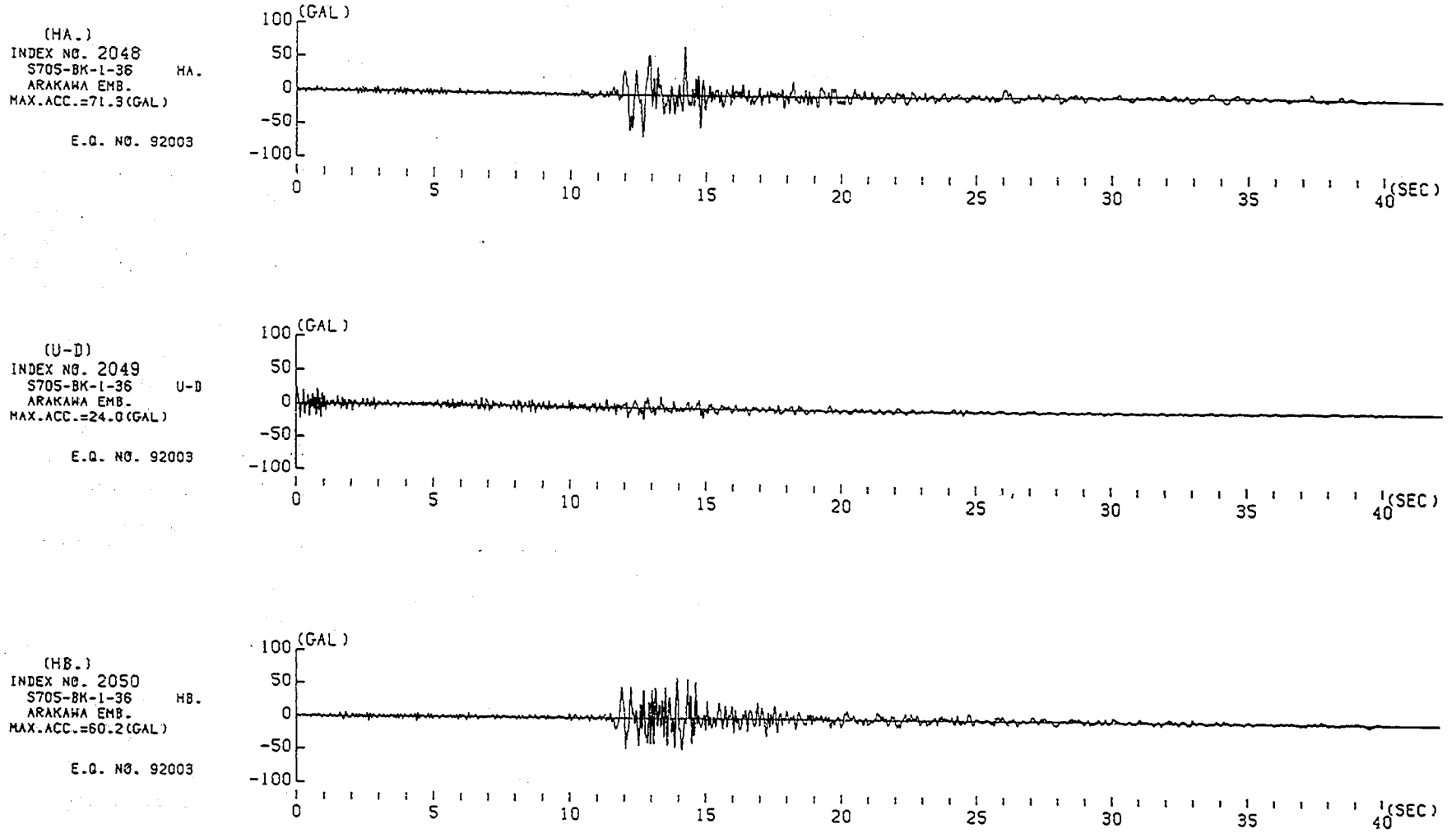


Figure 5—19—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER S705-BK-1-36
INDEX NUMBER 2048 2049 2050

(19-1)

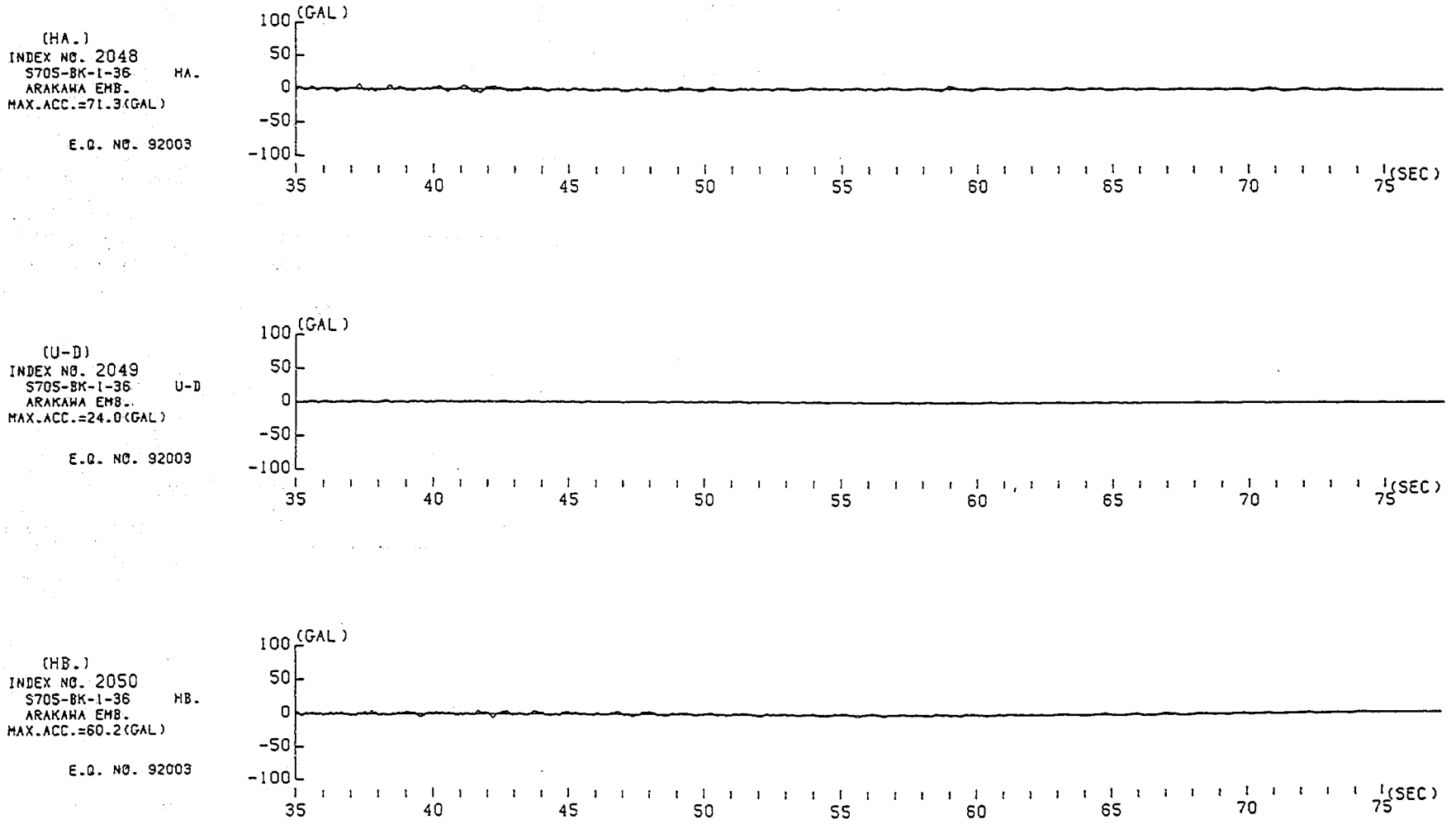
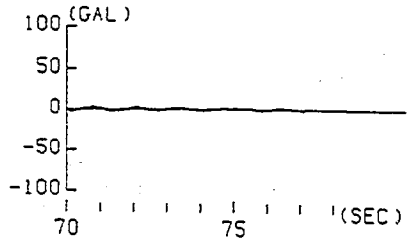


Figure 5—19—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER S70S-BK-1-36
INDEX NUMBER 2048 2049 2050

(19-2)

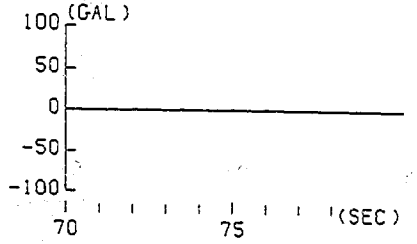
(HA.)
INDEX NO. 2048
S70S-BK-1-36 HA.
ARAKAWA EMB.
MAX.ACC.=71.3(GAL)

E.Q. NO. 92003



(U-D)
INDEX NO. 2049
S70S-BK-1-36 U-D
ARAKAWA EMB.
MAX.ACC.=24.0(GAL)

E.Q. NO. 92003



(HB.)
INDEX NO. 2050
S70S-BK-1-36 HB.
ARAKAWA EMB.
MAX.ACC.=60.2(GAL)

E.Q. NO. 92003

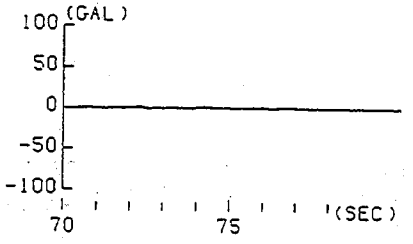


Figure 5—19—3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92003
RECORD NUMBER S70S-BK-1-36
INDEX NUMBER 2048 2049 2050

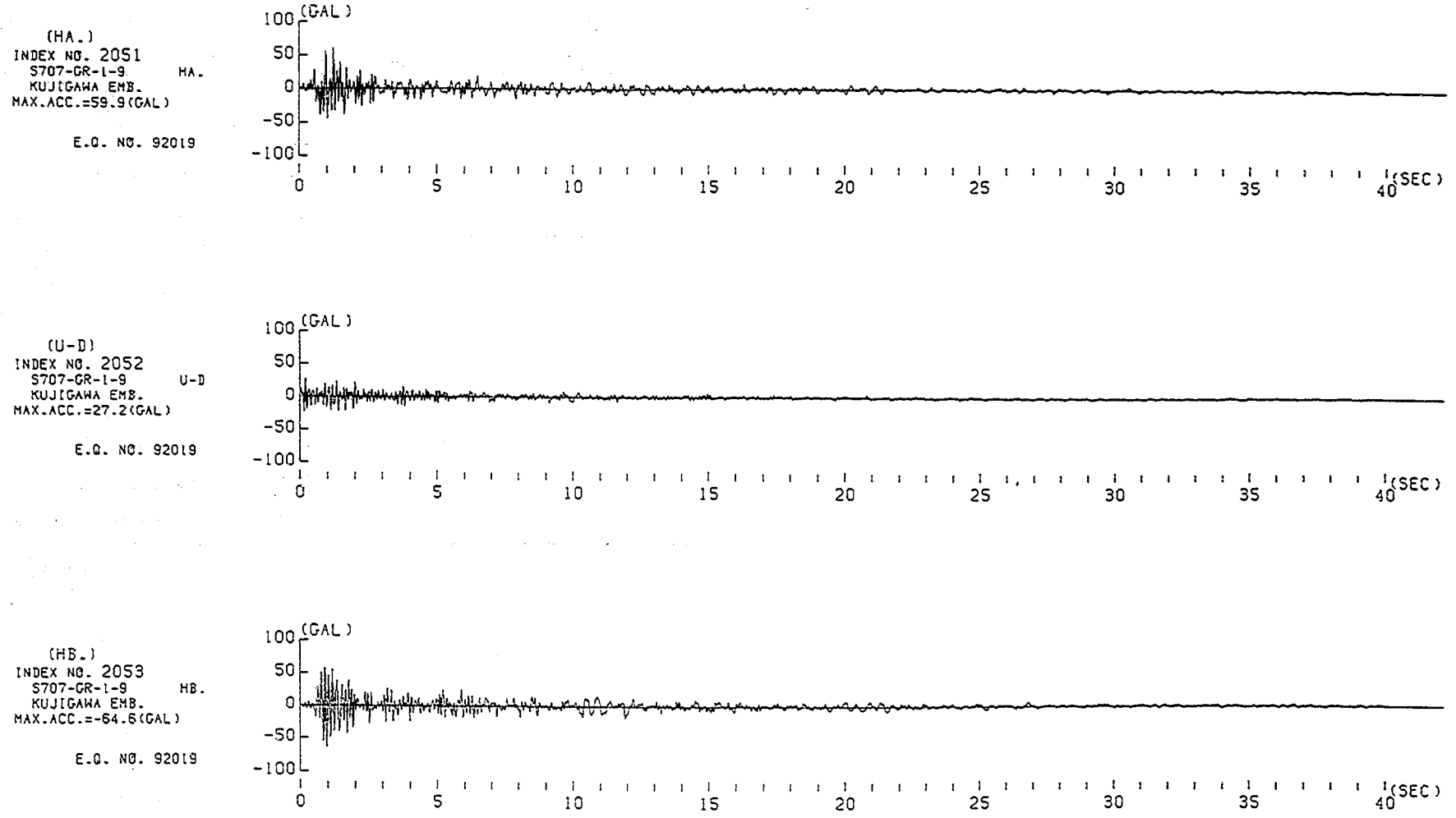


Figure 5—20—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 92019
RECORD NUMBER S707-GR-1-9
INDEX NUMBER 2051 2052 2053

(20-1)

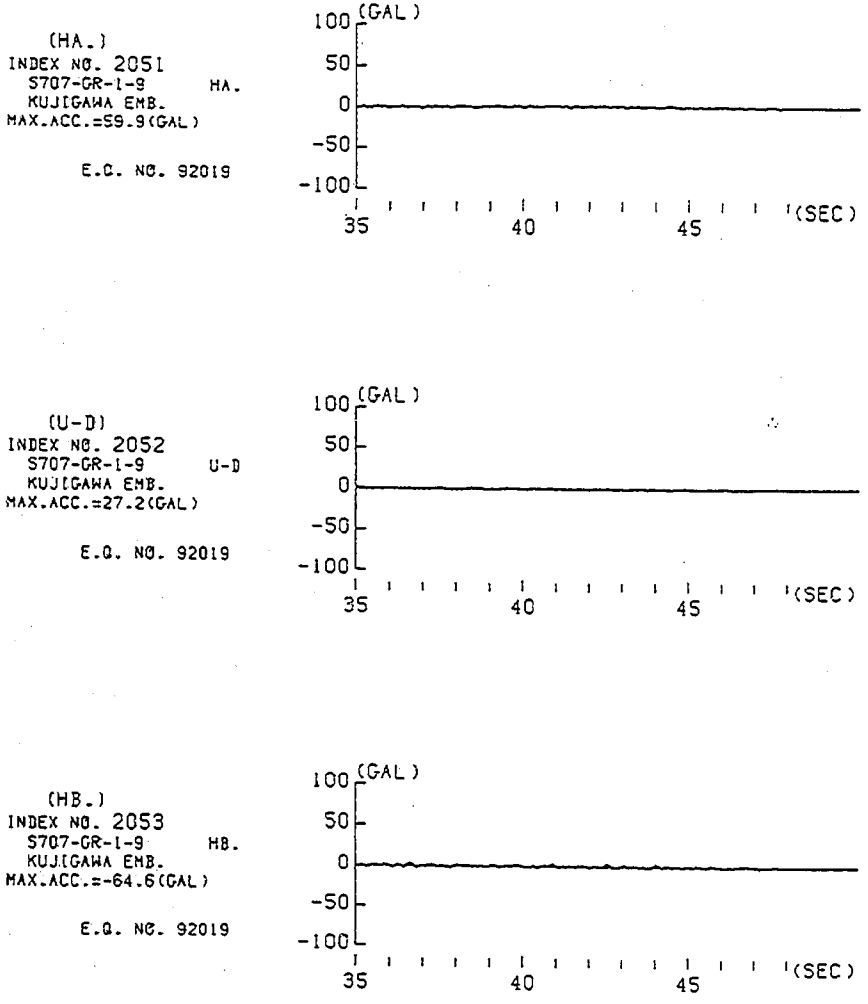


Figure 5—20—2 FIGURE OF CORRECTED ACCELERATION RECORD

EARTHQUAKE	NUMBER	92019
RECORD	NUMBER	S707-GR-1-9
INDEX	NUMBER	2051 2052 2053

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 6−20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いる。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。

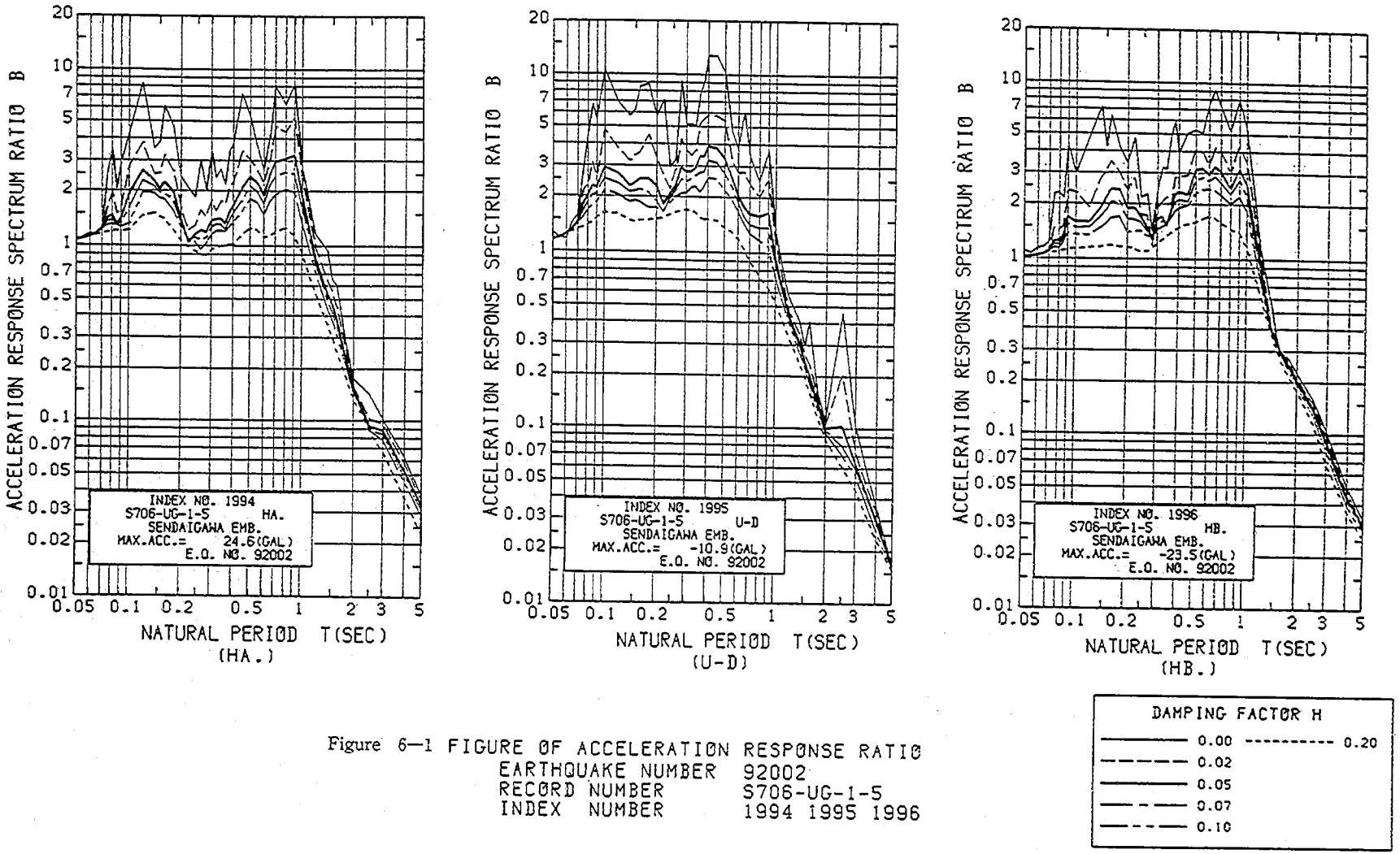


Figure 6—1 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92002
RECORD NUMBER S706-UG-1-5
INDEX NUMBER 1994 1995 1996

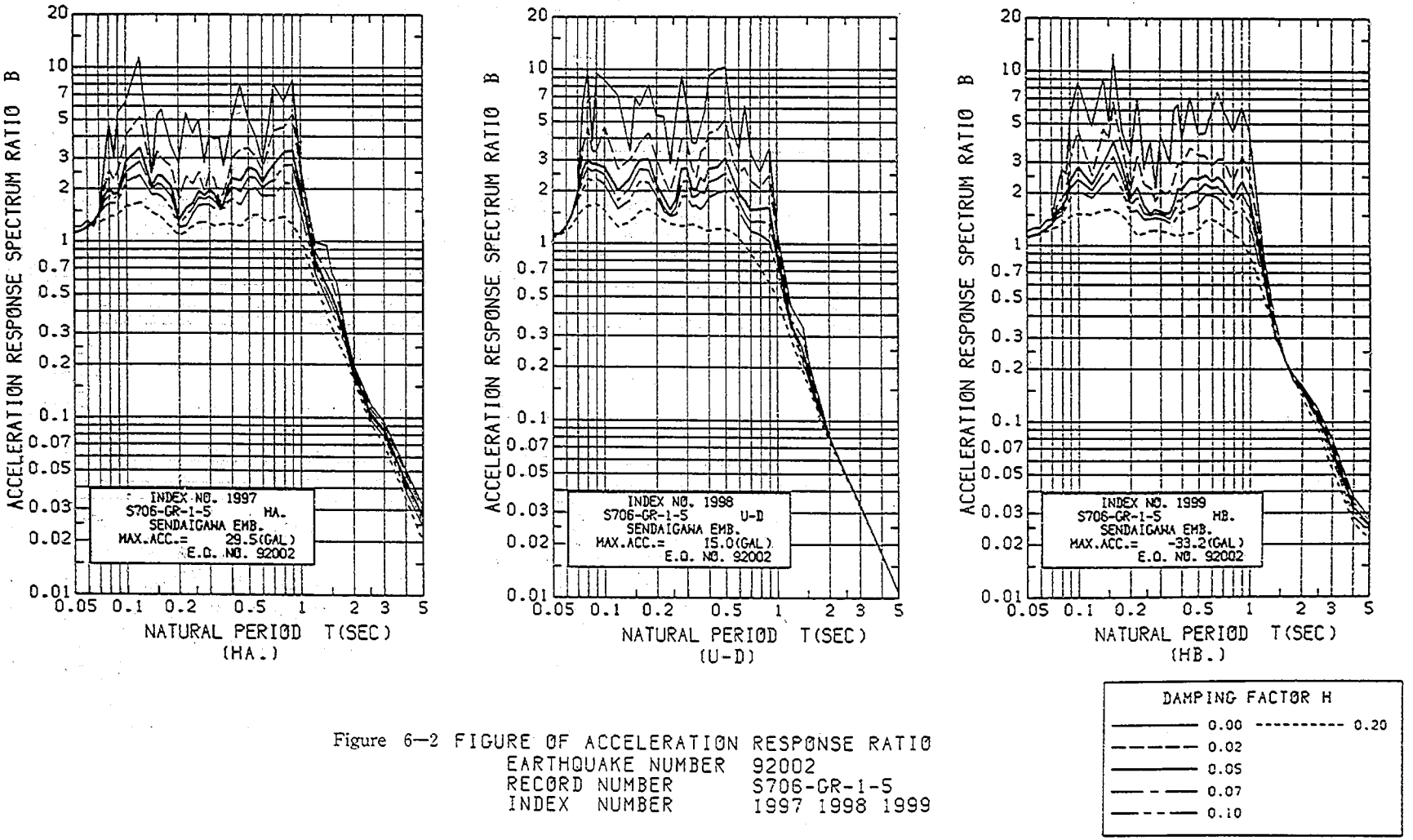


Figure 6—2 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92002
RECORD NUMBER S706-GR-1-5
INDEX NUMBER 1997 1998 1999

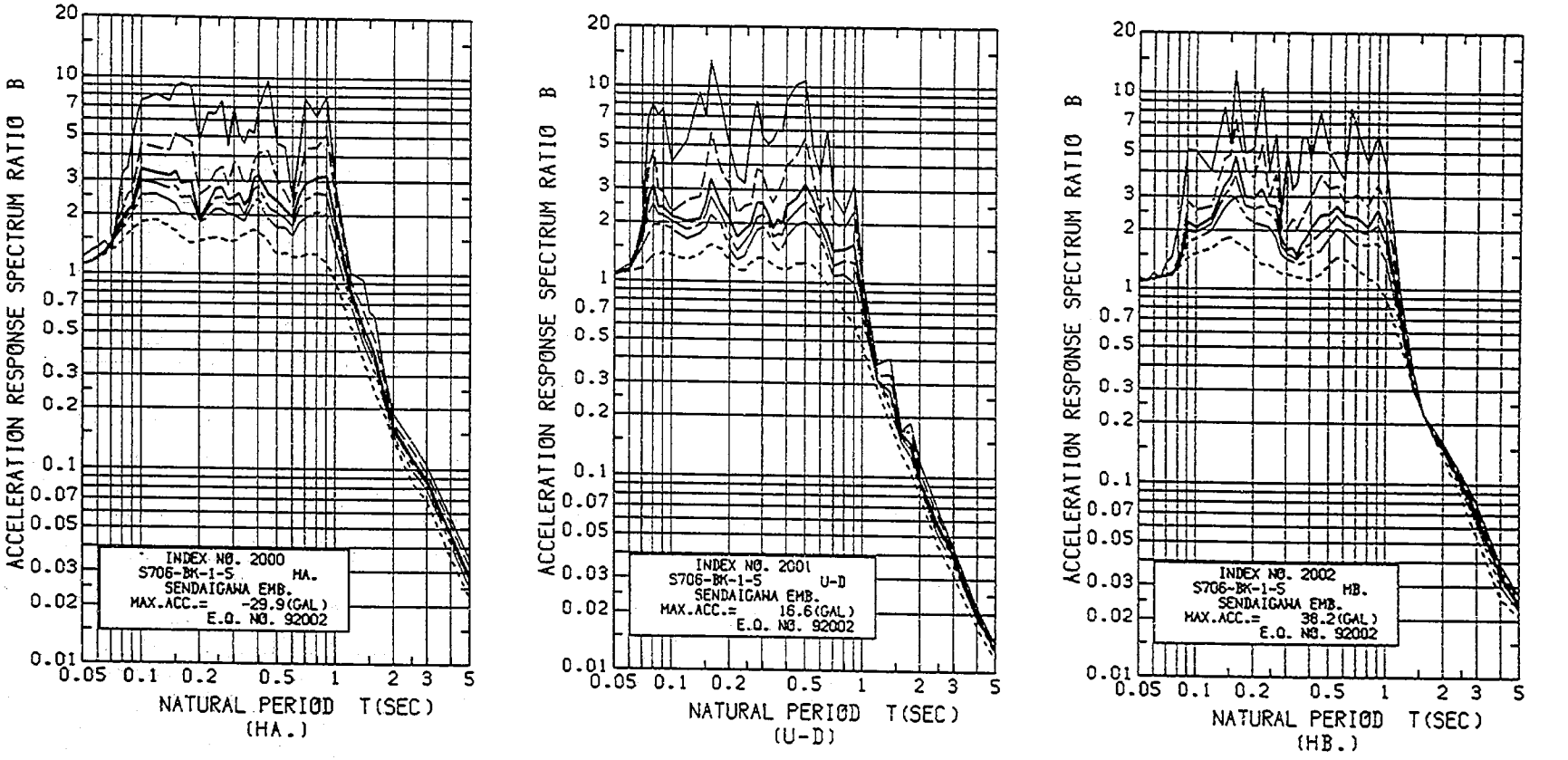


Figure 6—3 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92002
RECORD NUMBER S706-BK-1-5
INDEX NUMBER 2000 2001 2002

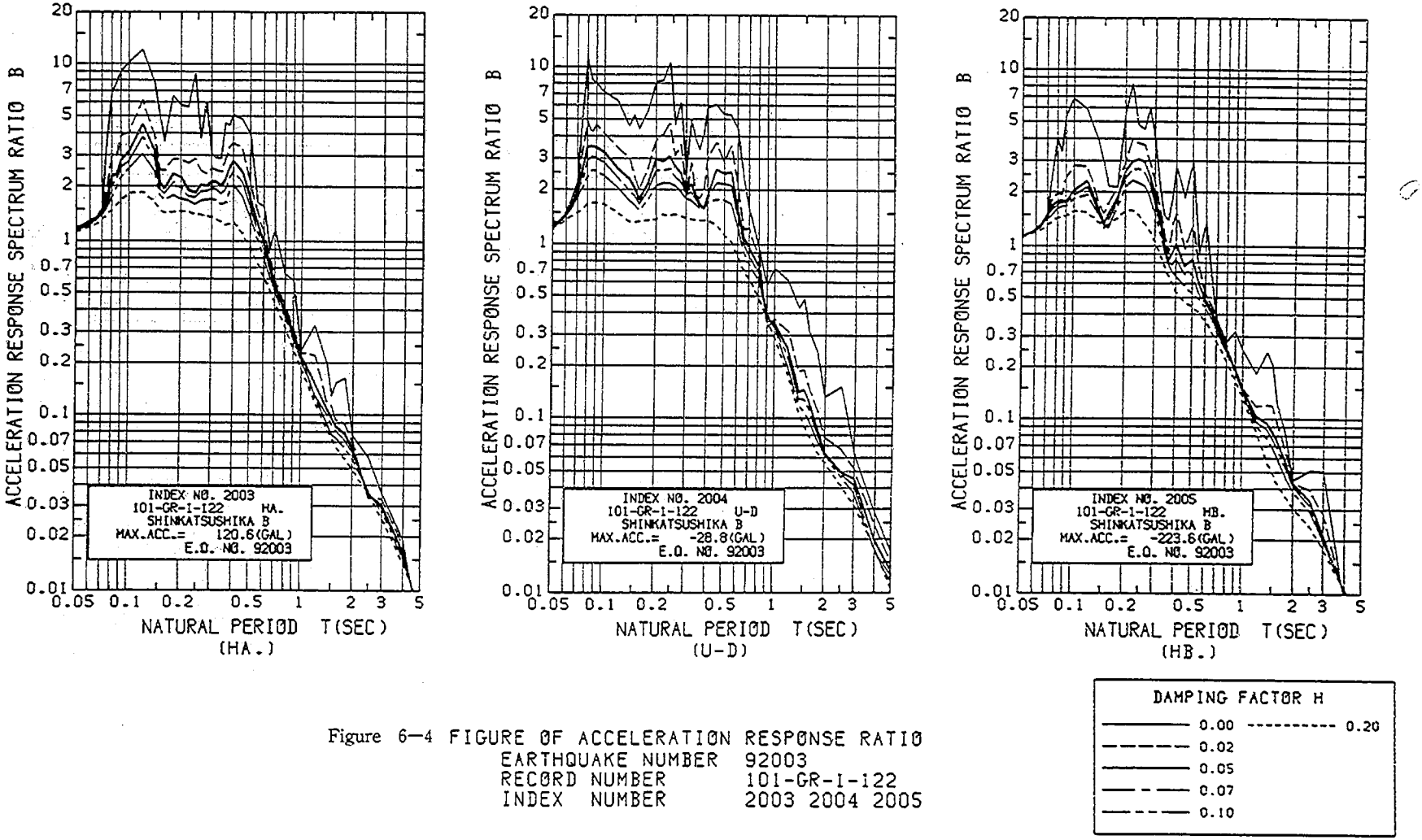


Figure 6—4 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER 101-GR-I-122
INDEX NUMBER 2003 2004 2005

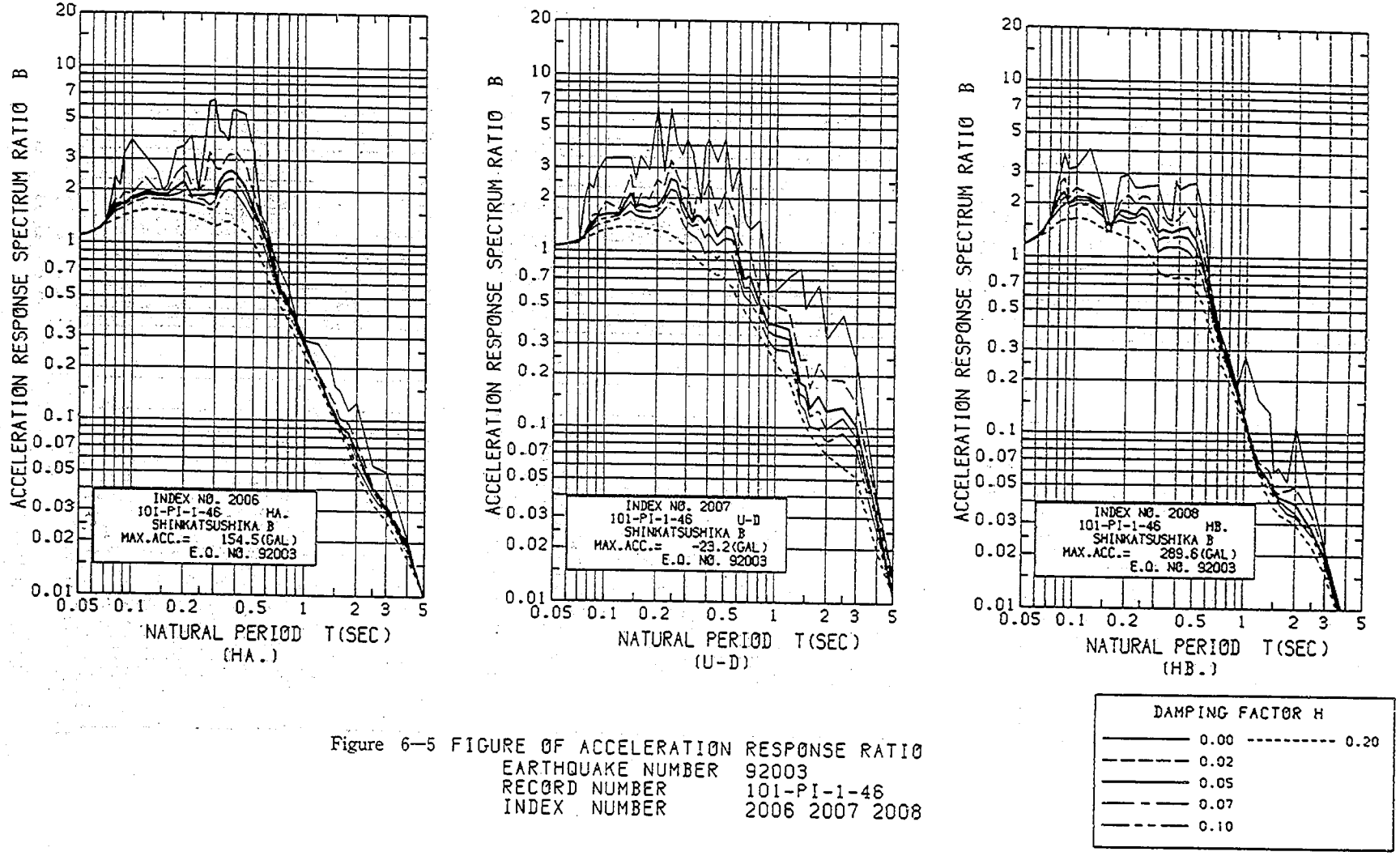


Figure 6—5 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER 101-PI-1-46
INDEX NUMBER 2006 2007 2008

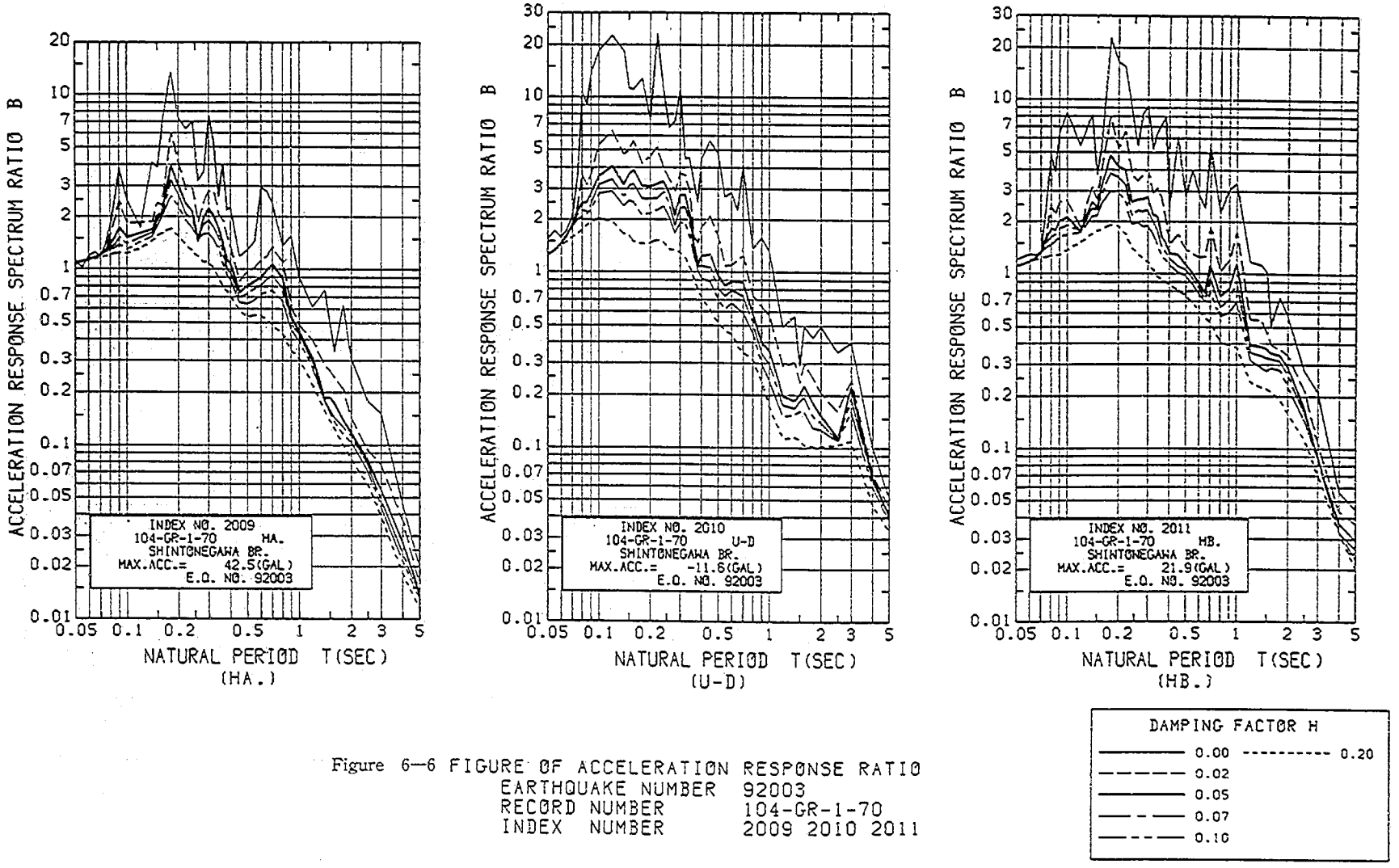
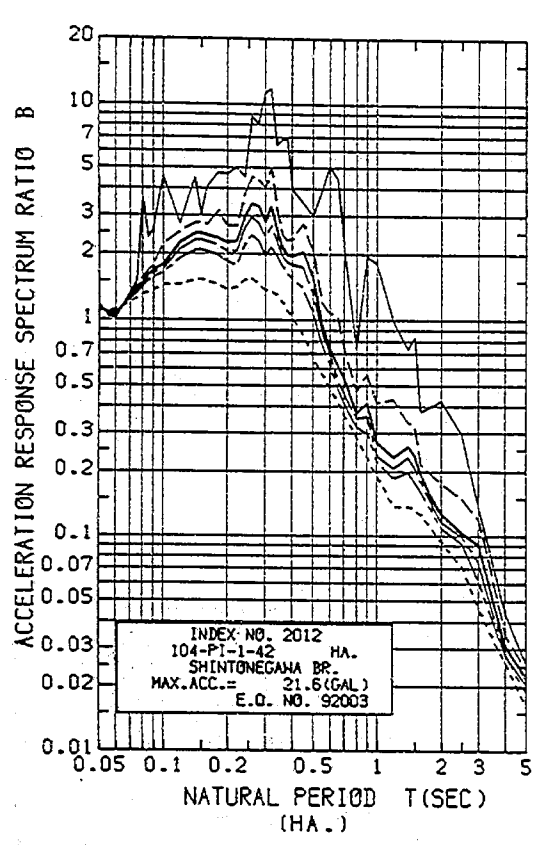
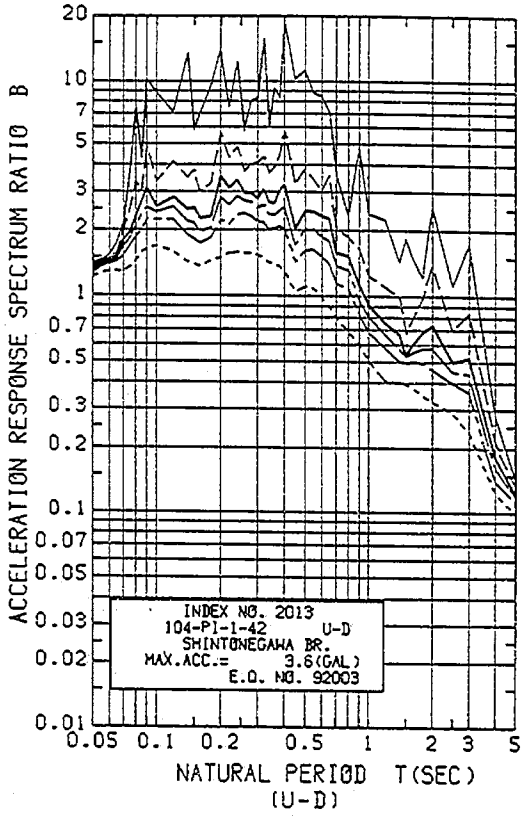
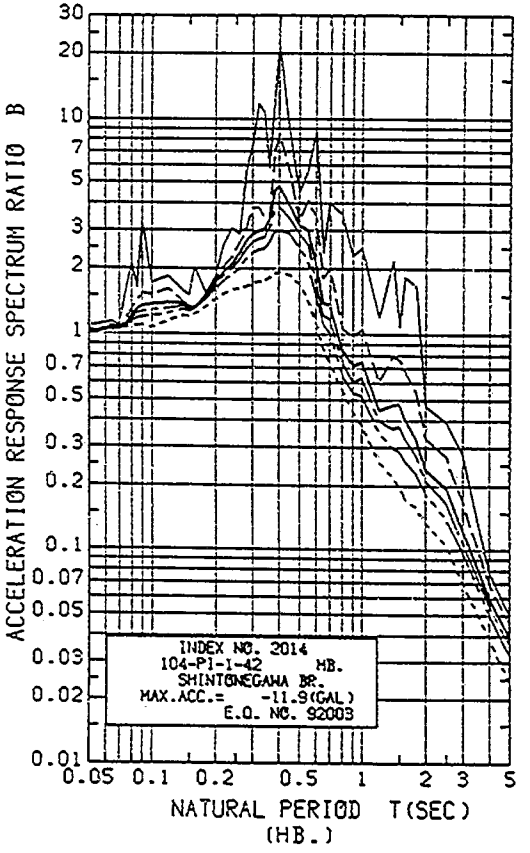


Figure 6—6 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER 104-GR-1-70
INDEX NUMBER 2009 2010 2011







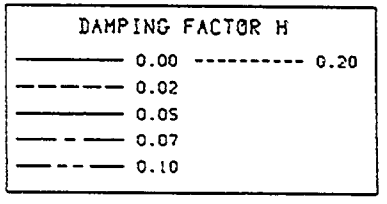


Figure 6—7 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER 104-PI-1-42
INDEX NUMBER 2012 2013 2014

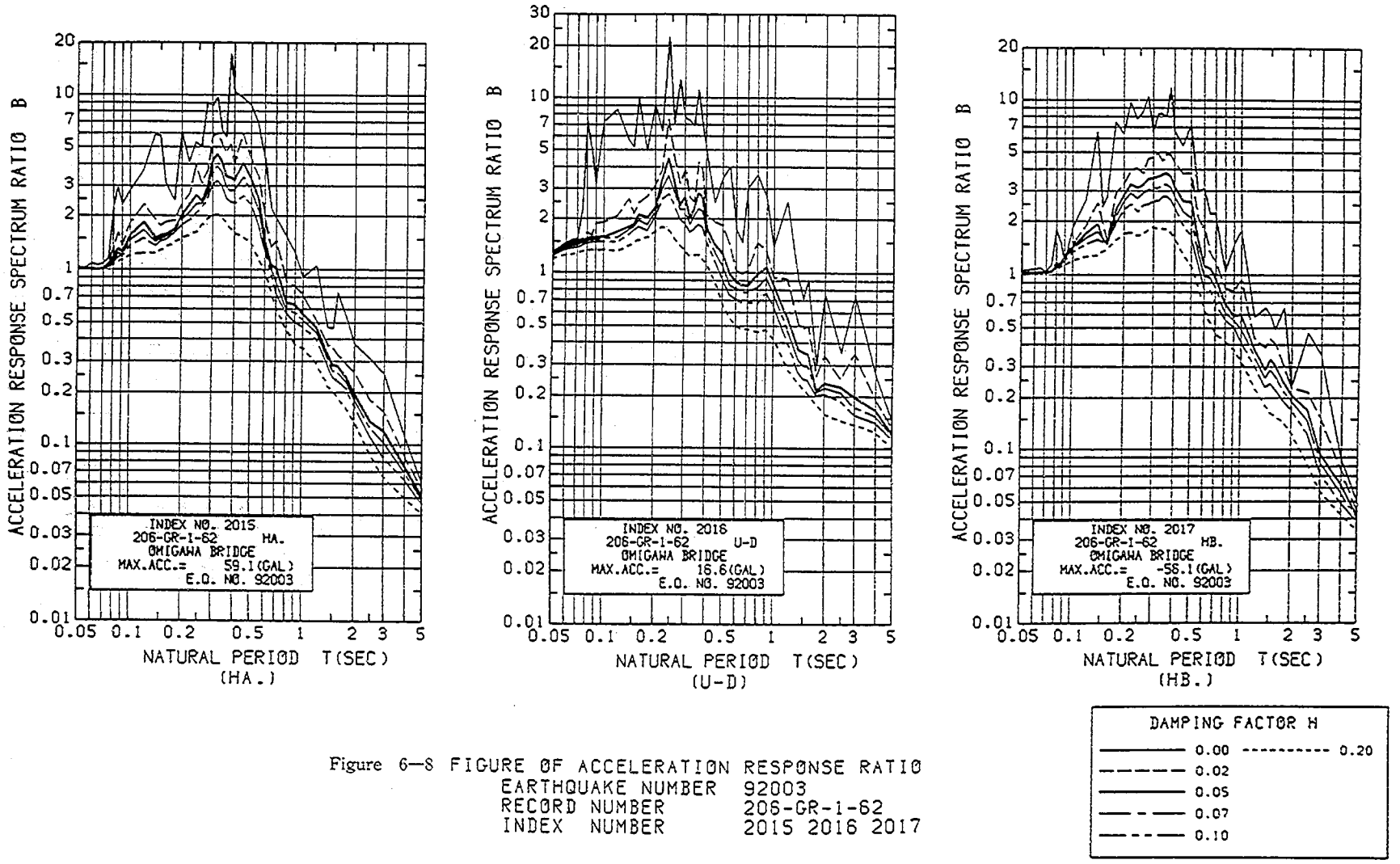


Figure 6—8 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER 206-GR-1-62
INDEX NUMBER 2015 2016 2017

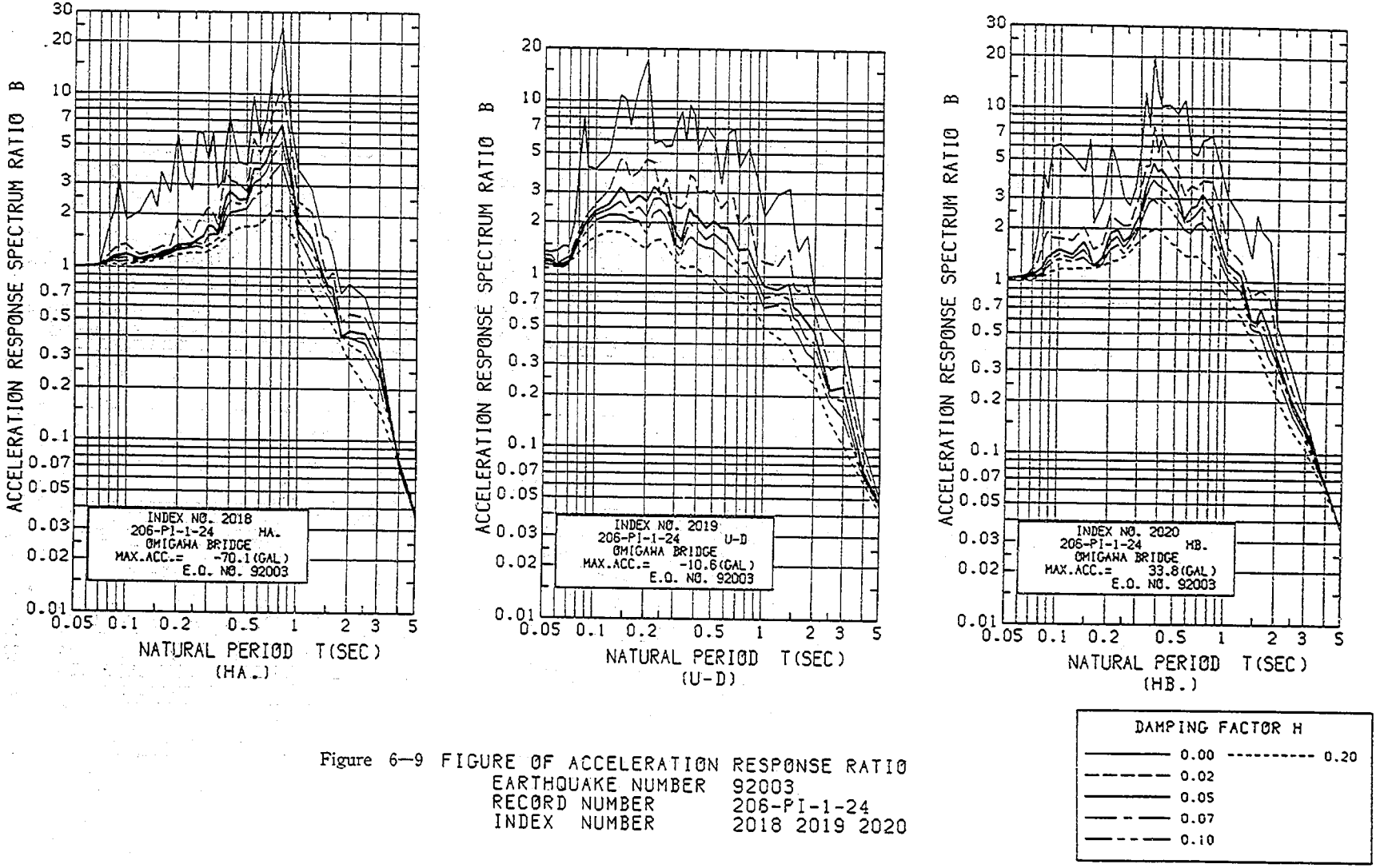


Figure 6—9 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER 206-PI-1-24
INDEX NUMBER 2018 2019 2020

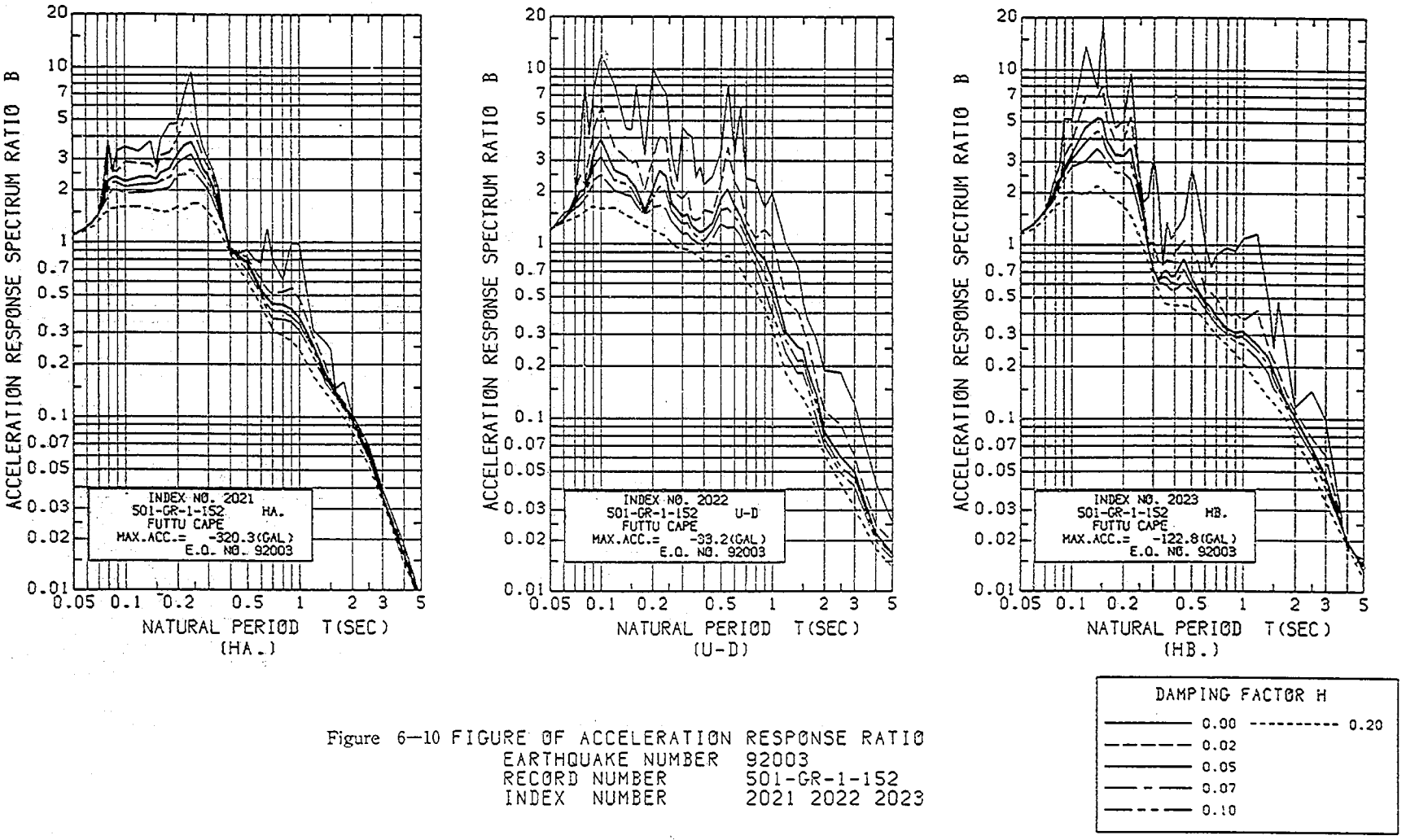


Figure 6—10 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER SOI-GR-1-152
INDEX NUMBER 2021 2022 2023

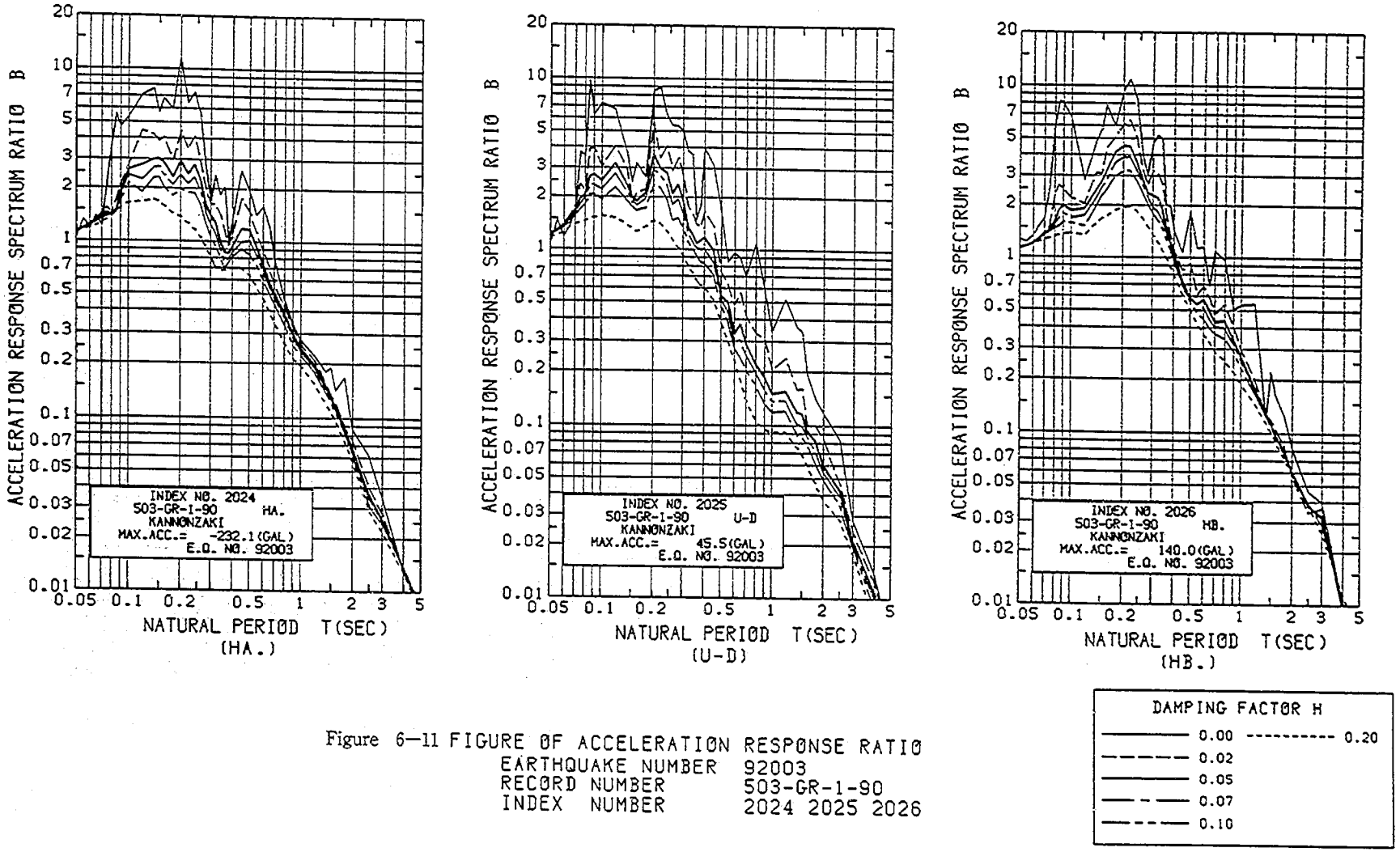


Figure 6—11 FIGURE OF ACCELERATION RESPONSE RATIO

EARTHQUAKE NUMBER	92003
RECORD NUMBER	S03-GR-1-90
INDEX NUMBER	2024 2025 2026

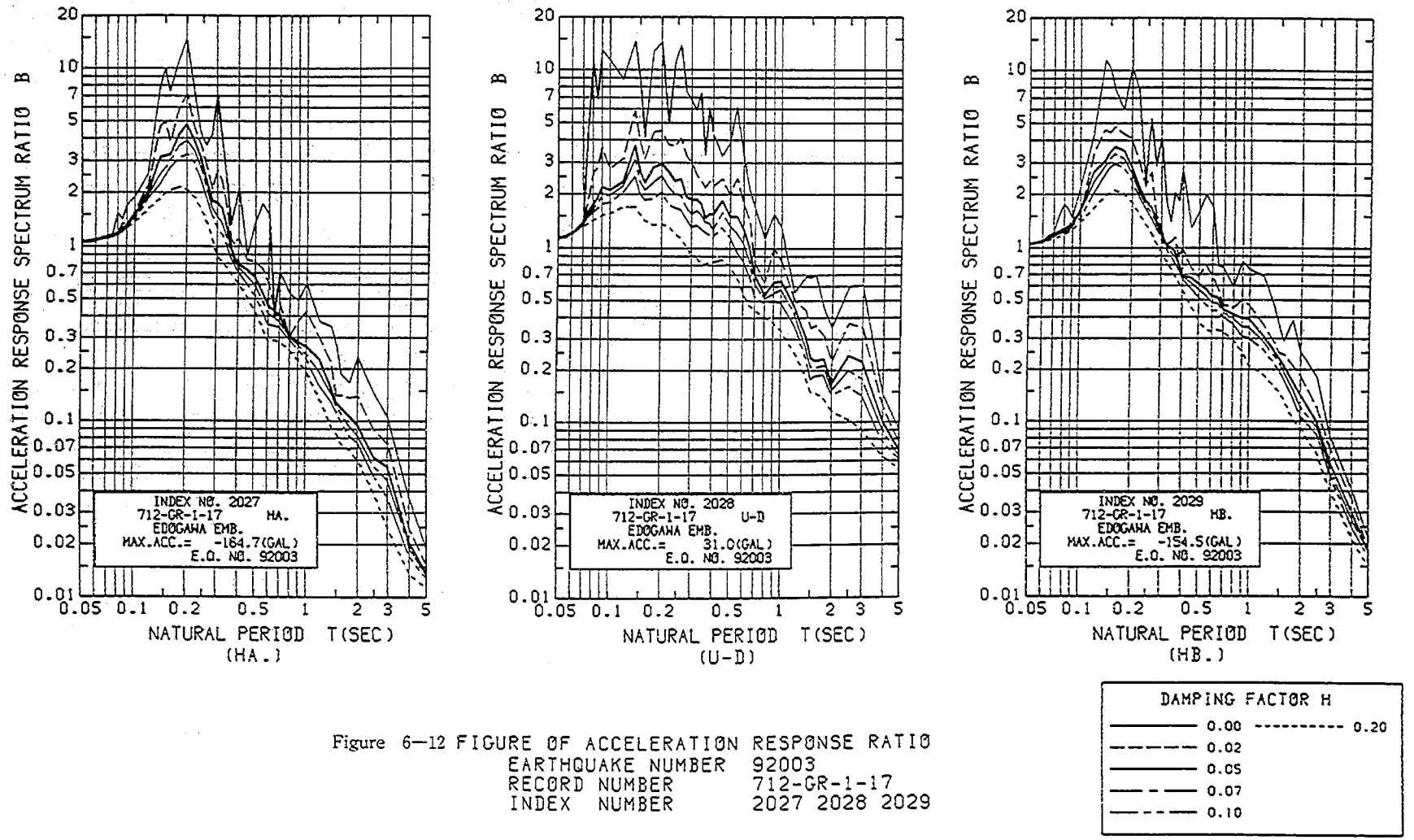


Figure 6—12 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER 712-GR-1-17
INDEX NUMBER 2027 2028 2029

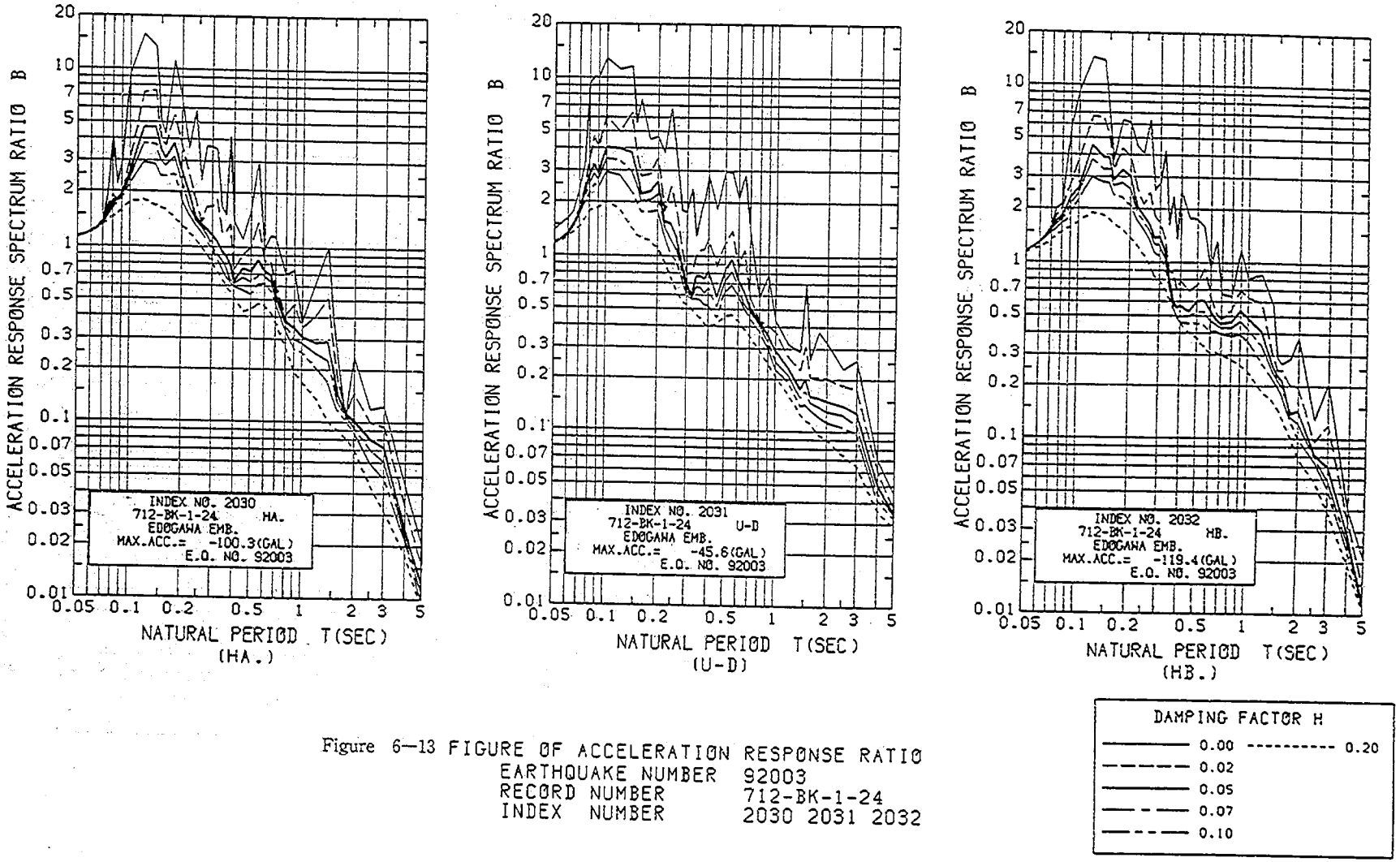


Figure 6—13 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER 712-BK-1-24
INDEX NUMBER 2030 2031 2032

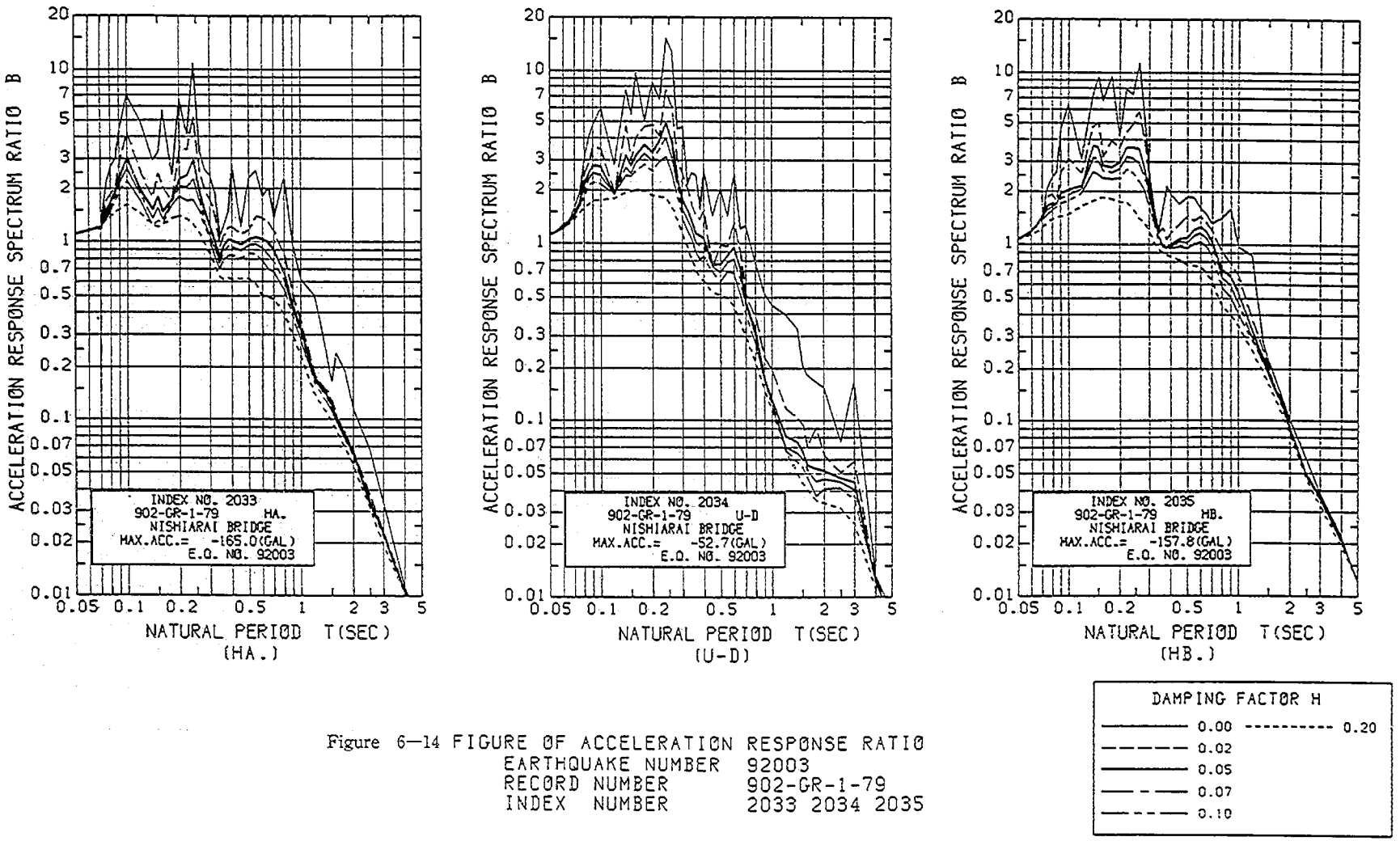


Figure 6—14 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER 902-GR-1-79
INDEX NUMBER 2033 2034 2035

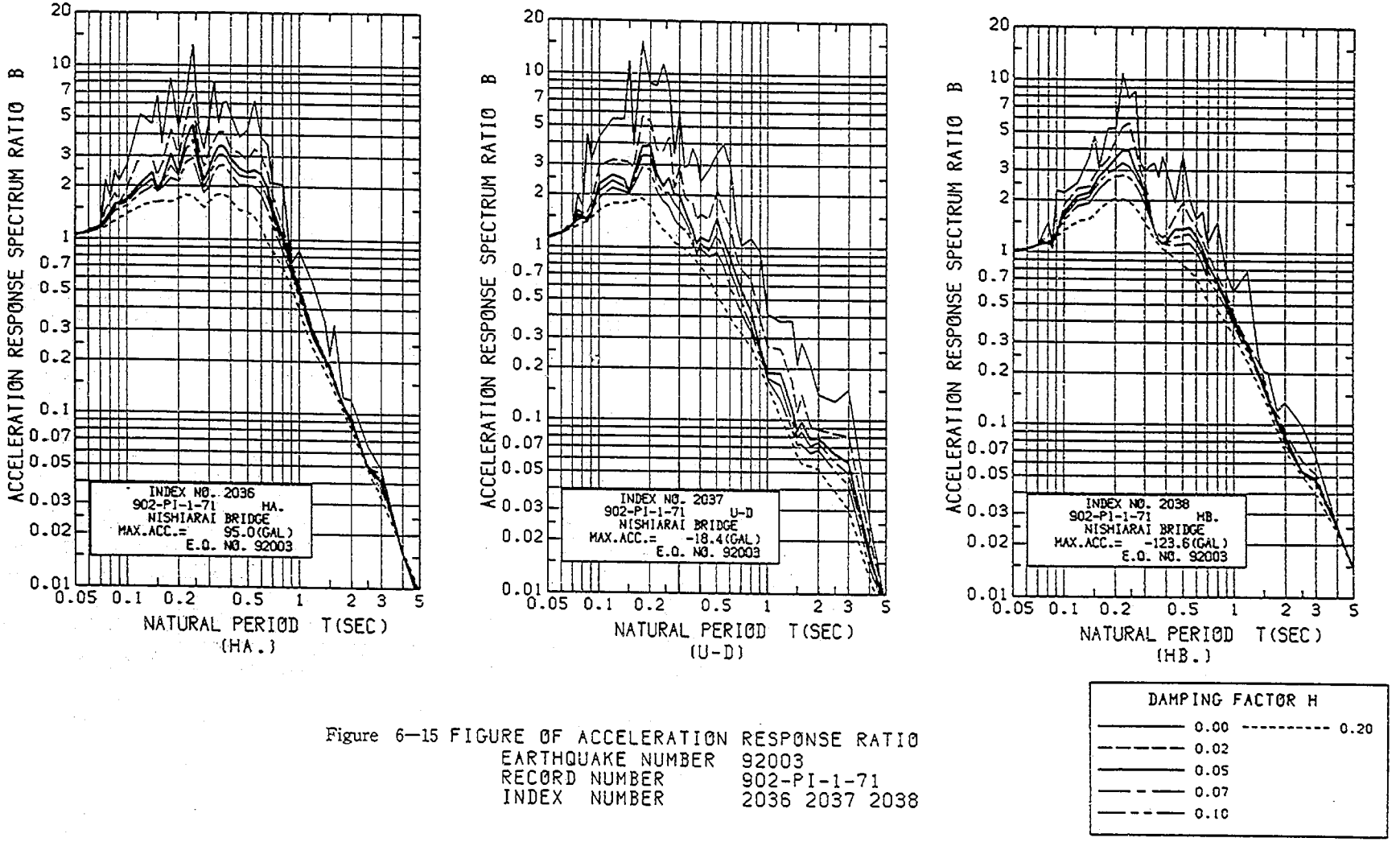


Figure 6—15 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER 902-PI-1-71
INDEX NUMBER 2036 2037 2038

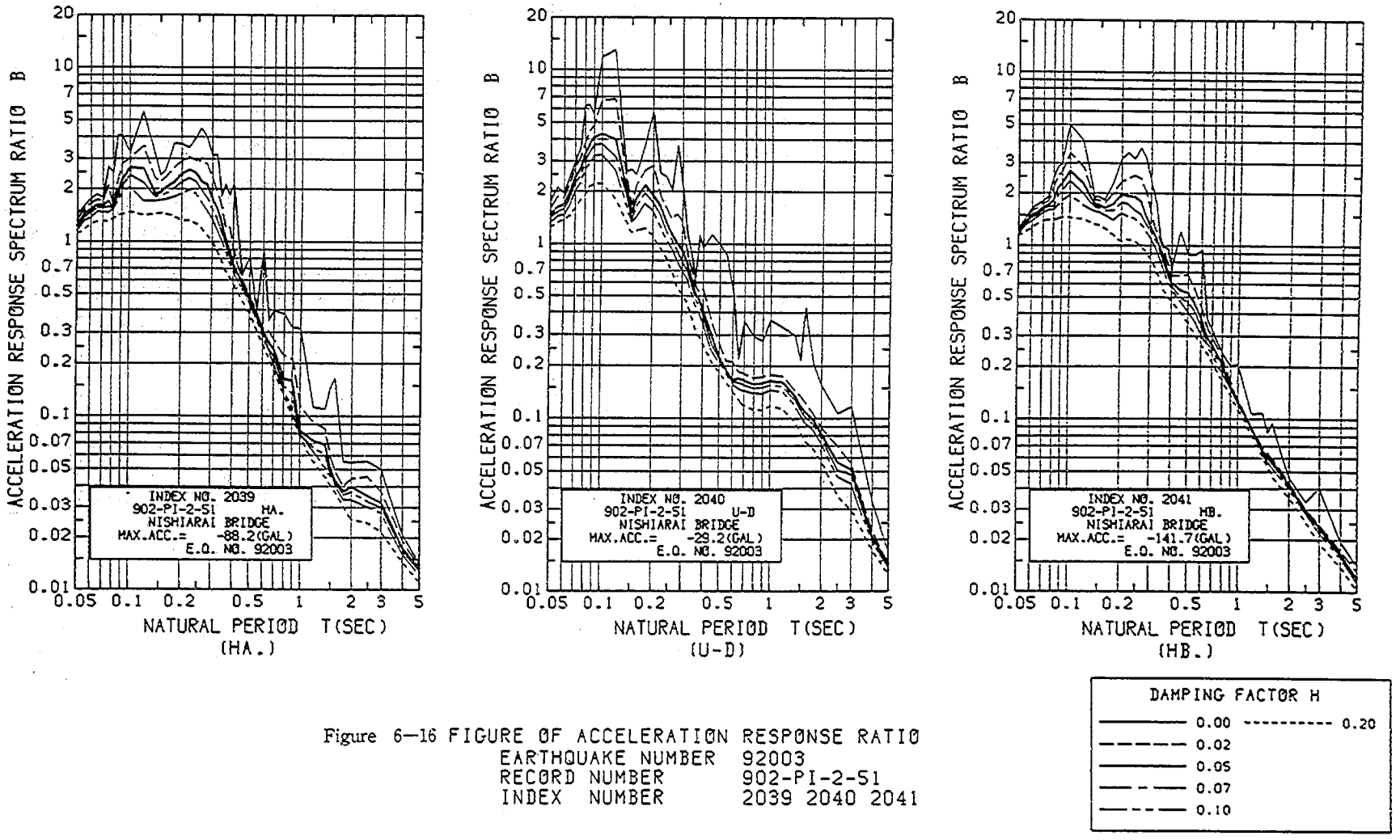


Figure 6—16 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER 902-PI-2-S1
INDEX NUMBER 2039 2040 2041

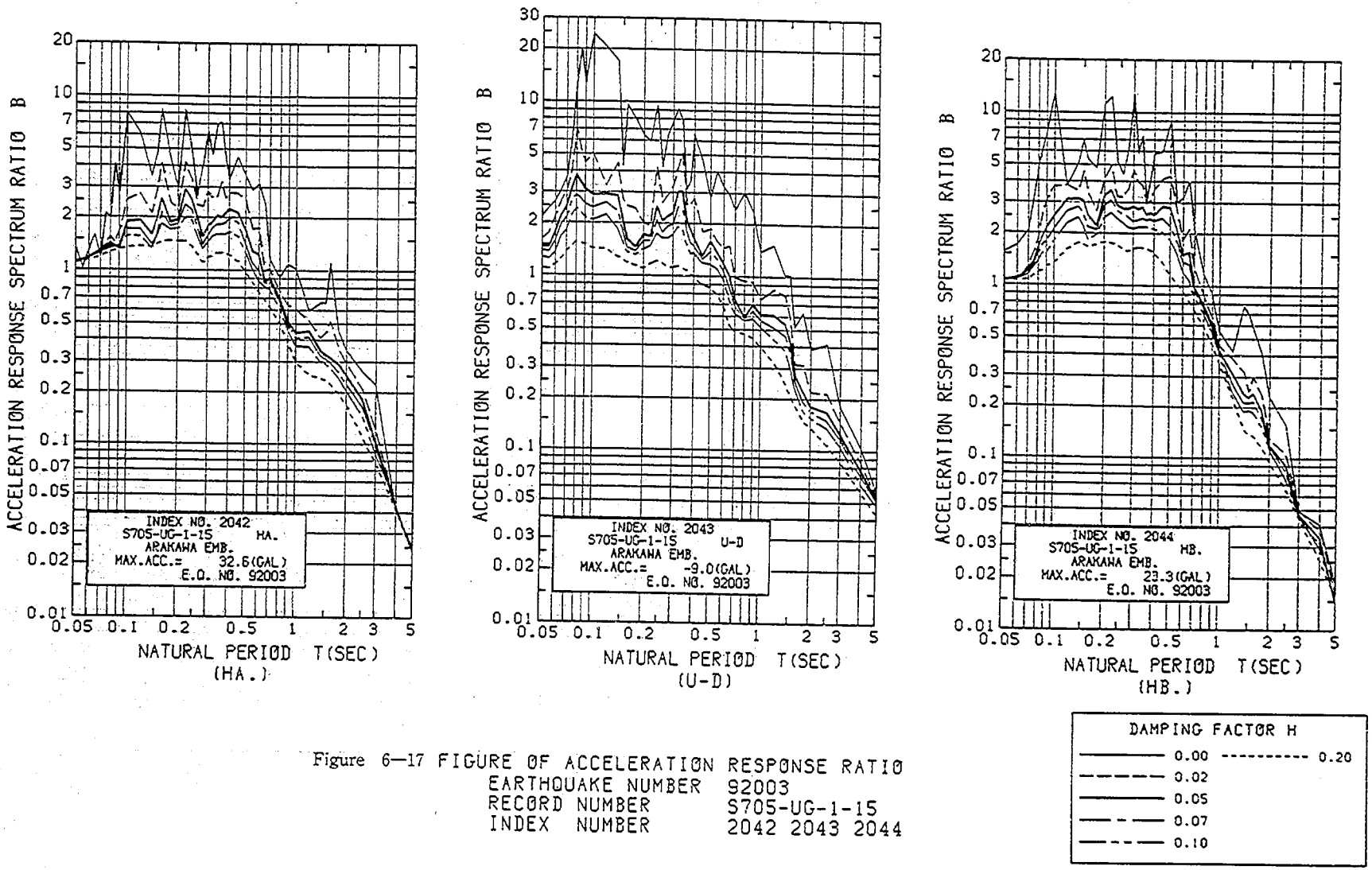


Figure 6—17 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER S705-UG-1-15
INDEX NUMBER 2042 2043 2044

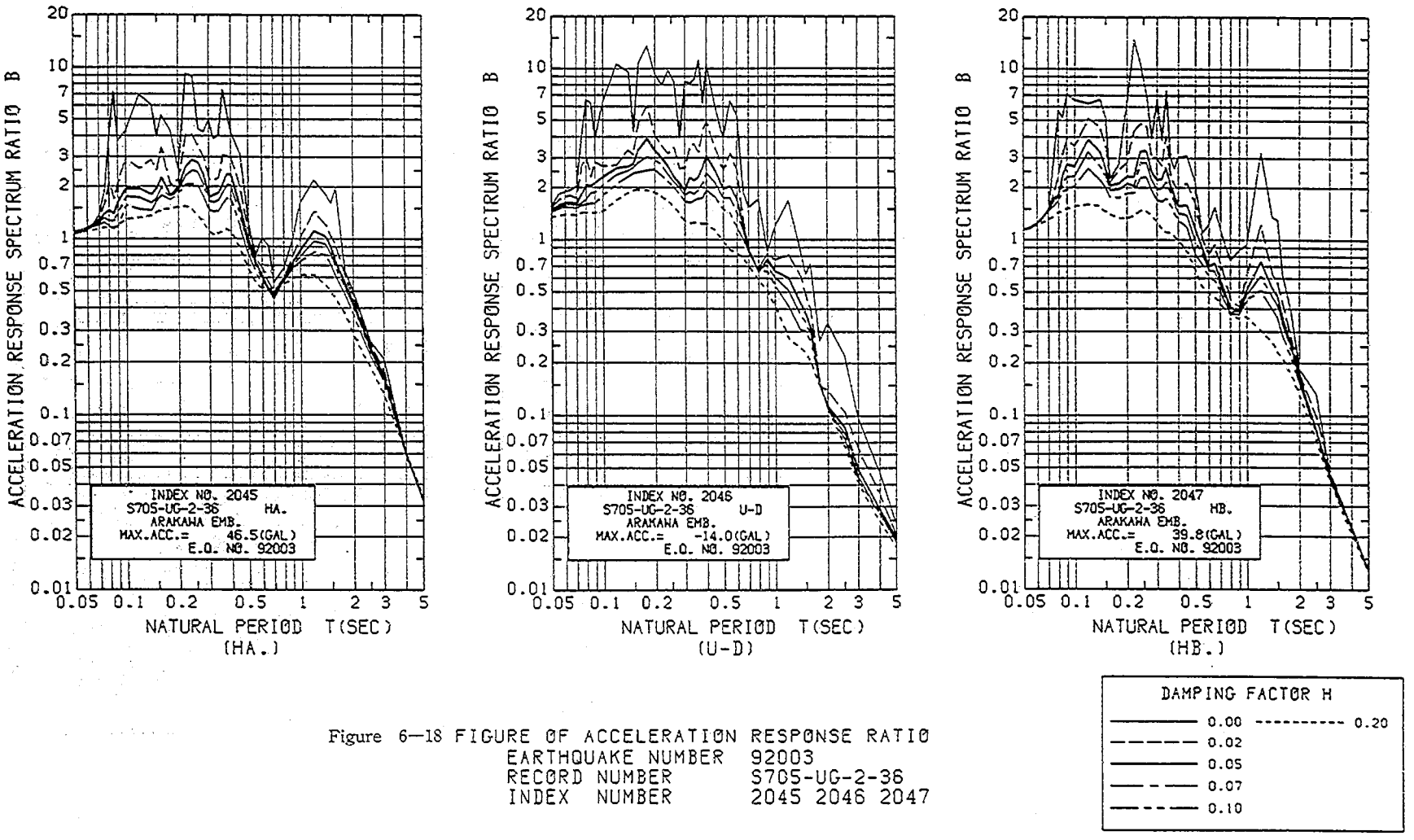


Figure 6—18 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER S705-UG-2-36
INDEX NUMBER 2045 2046 2047

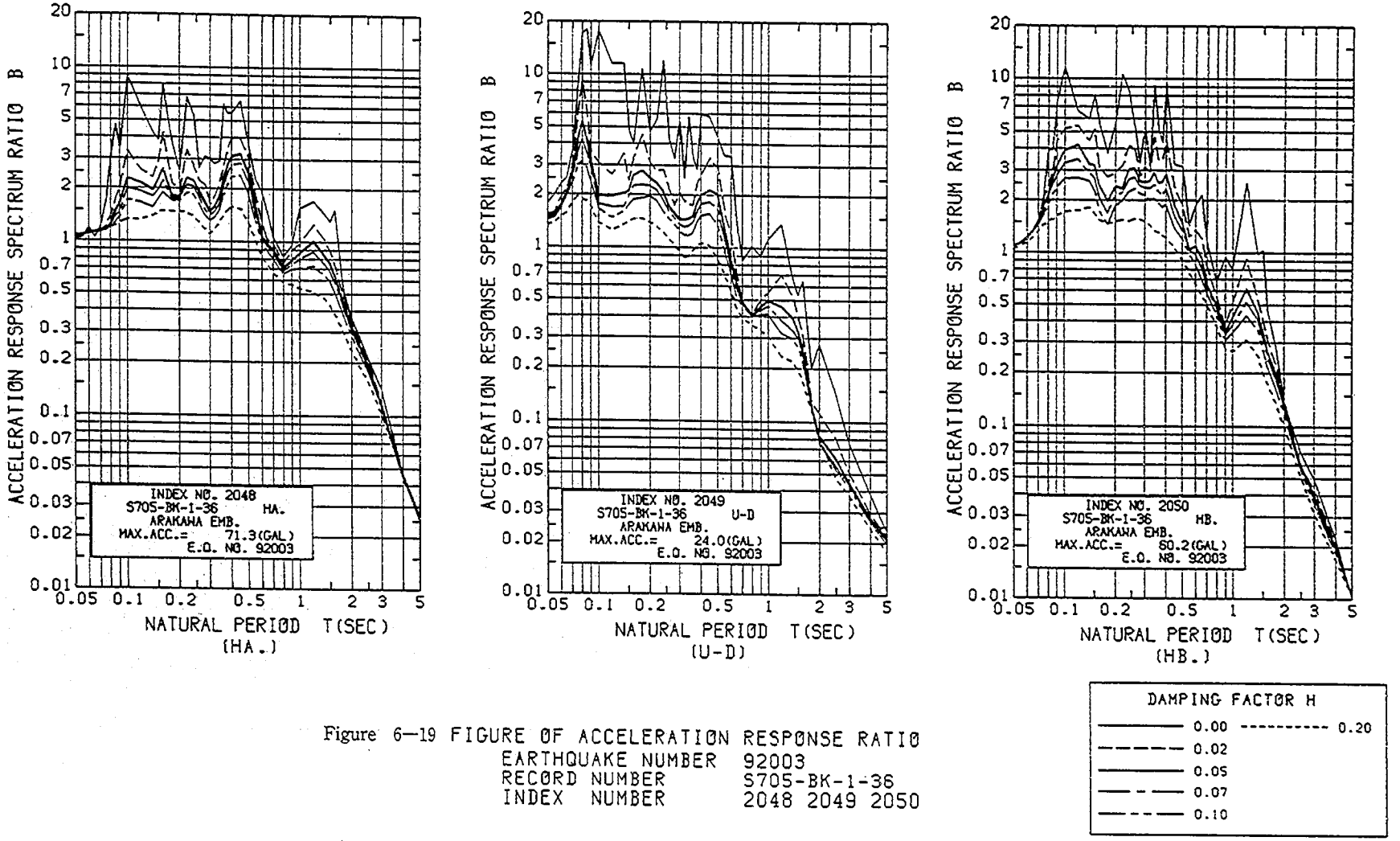


Figure 6—19 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92003
RECORD NUMBER S705-BK-1-36
INDEX NUMBER 2048 2049 2050

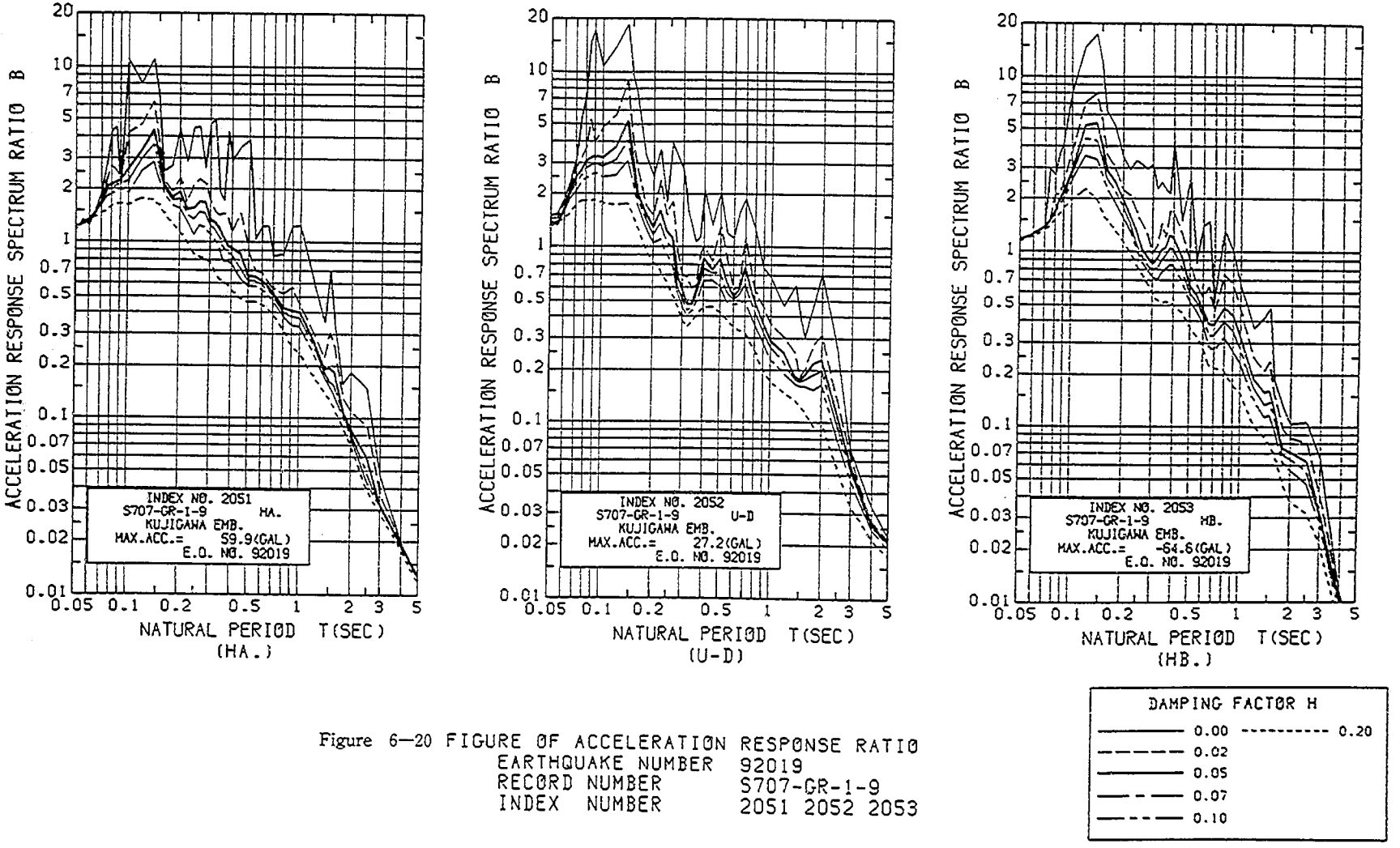


Figure 6—20 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 92019
RECORD NUMBER S707-GR-1-9
INDEX NUMBER 2051 2052 2053

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 7−27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. 1997 S706-GR-1-5 HA. (HA.) SENDAIGAWA EMB. MAX. ACC. = 29.504 (GAL) T= 3.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	4.324	5.059	5.156	4.525	3.318	1.922	0.850	0.557	1.246	2.764
11	0.10	4.631	6.205	6.928	6.547	5.208	3.386	1.683	0.576	0.227	0.451
21	0.20	0.830	0.926	0.491	-0.430	-1.534	-2.408	-2.719	-2.343	-1.393	-0.142
31	0.30	1.103	2.119	2.811	3.189	3.298	3.163	2.770	2.104	1.199	0.177
41	0.40	-0.763	-1.394	-1.545	-1.156	-0.310	0.800	1.914	2.777	3.187	3.036
51	0.50	2.327	1.175	-0.208	-1.561	-2.638	-3.284	-3.488	-3.395	-3.253	-3.320
61	0.60	-3.771	-4.639	-5.817	-7.125	-8.379	-9.445	-10.229	-10.644	-10.569	-9.868
71	0.70	-8.465	-6.644	-4.111	-1.955	-0.485	-0.019	-0.515	-1.542	-2.444	-2.619
81	0.80	-1.796	-0.159	1.750	3.308	4.137	4.291	4.218	4.489	5.456	7.021
91	0.90	8.662	9.709	9.737	8.851	7.692	7.124	7.763	9.577	11.803	13.239
101	1.00	12.817	10.150	5.803	1.103	-2.416	-3.702	-2.664	-0.212	2.150	2.998
111	1.10	1.606	-1.777	-6.085	-9.933	-12.200	-12.413	-10.804	-8.061	-4.953	-2.037
121	1.20	0.407	2.258	3.354	3.407	2.088	-0.728	-4.740	-9.165	-12.934	-15.084
131	1.30	-15.162	-13.436	-10.788	-8.339	-6.955	-6.892	-7.722	-8.586	-8.613	-7.343
141	1.40	-4.891	-1.861	0.967	2.979	3.934	3.949	3.328	2.342	1.135	-0.213
151	1.50	-1.516	-2.338	-2.044	-0.049	3.795	8.909	13.971	17.286	17.429	13.937
161	1.60	7.672	0.687	-4.440	-5.579	-1.920	5.623	14.684	22.320	26.121	25.122
171	1.70	20.126	13.298	7.247	3.953	4.044	6.671	10.028	12.221	12.096	9.652
181	1.80	5.883	2.197	-0.294	-1.250	-1.133	-0.829	-1.084	-2.067	-3.292	-3.918
191	1.90	-3.256	-1.204	1.618	4.094	5.094	3.940	0.660	-4.087	-9.328	-14.156
201	2.00	-17.961	-20.448	-21.491	-20.973	-18.772	-14.922	-9.850	-4.510	-0.244	1.628
211	2.10	0.362	-3.800	-9.571	-15.023	-18.295	-18.340	-15.348	-10.678	-6.304	-4.015
221	2.20	-4.721	-8.124	-12.886	-17.179	-19.363	-18.534	-14.759	-8.965	-2.610	2.751
231	2.30	5.848	5.969	3.122	-1.933	-7.784	-12.648	-14.795	-13.068	-7.313	1.466
241	2.40	11.325	19.972	25.520	27.110	25.154	21.067	16.629	13.253	11.499	11.036
251	2.50	11.043	10.820	10.260	9.949	10.818	13.544	18.019	23.181	27.328	28.778
261	2.60	26.579	20.936	13.150	5.104	-1.450	-5.507	-7.043	-6.842	-6.011	-5.467
271	2.70	-5.603	-6.266	-6.976	-7.254	-6.862	-5.873	-4.572	-3.294	-2.291	-1.699
281	2.80	-1.579	-1.987	-2.990	-4.629	-6.849	-9.450	-12.107	-14.443	-16.111	-16.846
291	2.90	-16.471	-14.879	-12.052	-8.133	-3.528	1.048	4.667	6.449	5.922	3.314
301	3.00	-0.396	-3.767	-5.329	-4.374	-1.124	3.208	6.915	8.504	7.336	3.890
311	3.10	-0.461	-4.074	-5.756	-5.245	-3.245	-1.024	0.214	-0.139	-1.909	-4.338
321	3.20	-6.534	-7.912	-8.389	-8.279	-7.977	-7.662	-7.209	-6.345	-4.944	-3.249
331	3.30	-1.841	-1.347	-2.029	-3.513	-4.844	-4.902	-2.982	0.751	5.221	8.867
341	3.40	10.379	9.378	6.698	4.099	3.502	6.104	11.776	19.043	25.656	29.504
351	3.50	29.452	25.749	19.849	13.770	9.300	7.405	8.041	10.392	13.334	15.886
361	3.60	17.457	17.842	17.069	15.239	12.473	8.973	5.093	1.346	-1.730	-3.786
371	3.70	-4.836	-5.278	-5.716	-6.674	-8.329	-10.431	-12.445	-13.859	-14.479	-14.557
381	3.80	-14.667	-15.389	-16.972	-19.155	-21.260	-22.521	-22.481	-21.259	-19.544	-18.293
391	3.90	-18.292	-19.760	-22.212	-24.612	-25.777	-24.821	-21.477	-16.165	-9.800	-3.472
401	4.00	1.885	5.698	7.796	8.322	7.602	6.028	4.003	1.913	0.106	-1.148
411	4.10	-1.716	-1.643	-1.127	-0.447	0.155	0.573	0.861	1.182	1.691	2.433
421	4.20	3.299	4.076	4.571	4.749	4.804	5.133	6.198	8.347	11.647	15.819
431	4.30	20.285	24.329	27.292	28.753	28.621	27.127	24.726	21.941	19.224	16.851
441	4.40	14.898	13.280	11.847	10.476	9.146	7.953	7.066	6.641	6.736	7.245
451	4.50	7.901	8.333	8.166	7.113	5.050	2.033	-1.726	-5.903	-10.108	-13.925
461	4.60	-16.946	-18.826	-19.366	-18.601	-16.866	-14.765	-13.074	-12.496	-13.433	-15.798
471	4.70	-18.999	-22.100	-24.124	-24.399	-22.794	-19.762	-16.156	-12.911	-10.702	-9.729
481	4.80	-9.705	-10.033	-10.079	-9.426	-7.990	-5.993	-3.812	-1.805	-0.193	0.958
491	4.90	1.683	2.042	2.083	1.862	1.491	1.176	1.179	1.723	2.874	4.469

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

INDEX NO. 1997 S706-GR-1-5 HA. (HA.) SENDAIGAWA EMB. MAX. ACC. = 29.504 (GAL) T= 3.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	6.139	7.441	8.025	7.784	6.884	5.687	4.587	3.854	3.566	3.642
511	5.10	3.960	4.476	5.263	6.457	8.131	10.188	12.335	14.188	15.434	16.001
521	5.20	16.100	16.131	16.480	17.303	18.420	19.371	19.623	18.825	16.984	14.473
531	5.30	11.862	9.656	8.066	6.914	5.736	4.000	1.363	-2.175	-6.271	-10.384
541	5.40	-13.981	-16.717	-18.508	-19.485	-19.880	-19.906	-19.692	-19.278	-18.669	-17.879
551	5.50	-16.956	-15.971	-14.983	-14.020	-13.077	-12.133	-11.165	-10.141	-9.004	-7.662
561	5.60	-6.012	-3.999	-1.698	0.631	2.567	3.642	3.516	2.142	-0.158	-2.755
571	5.70	-4.905	-6.002	-5.782	-4.404	-2.363	-0.280	1.340	2.275	2.620	2.689
581	5.80	2.826	3.234	3.886	4.552	4.918	4.738	3.953	2.728	1.406	0.403
591	5.90	0.081	0.654	2.127	4.297	6.804	9.208	11.090	12.154	12.302	11.663
601	6.00	10.558	9.403	8.586	8.343	8.690	9.434	10.256	10.838	10.978	10.645
611	6.10	9.968	9.159	8.420	7.874	7.542	7.376	7.308	7.289	7.288	7.263
621	6.20	7.118	6.688	5.771	4.208	1.974	-0.772	-3.697	-6.389	-8.495	-9.852
631	6.30	-10.557	-10.926	-11.381	-12.277	-13.760	-15.705	-17.757	-19.454	-20.398	-20.378
641	6.40	-19.433	-17.813	-15.873	-13.950	-12.264	-10.885	-9.756	-8.760	-7.784	-6.761
651	6.50	-5.670	-4.513	-3.283	-1.958	-0.518	1.018	2.554	3.910	4.856	5.174
661	6.60	4.747	3.613	1.992	0.241	-1.230	-2.071	-2.090	-1.304	0.066	1.670
671	6.70	3.131	4.155	4.604	4.513	4.054	3.458	2.935	2.618	2.547	2.696
681	6.80	3.012	3.452	3.989	4.596	5.230	5.820	6.298	6.644	6.932	7.331
691	6.90	8.055	9.261	10.939	12.858	14.596	15.672	15.728	14.692	12.842	10.729
701	7.00	8.990	8.104	8.207	9.038	10.034	10.549	10.091	8.501	5.990	3.047
711	7.10	0.248	-1.940	-3.298	-3.891	-4.008	-4.042	-4.352	-5.168	-6.541	-8.346
721	7.20	-10.340	-12.234	-13.788	-14.873	-15.512	-15.855	-16.103	-16.405	-16.767	-17.021
731	7.30	-16.877	-16.048	-14.399	-12.043	-9.339	-6.774	-4.773	-3.533	-2.950	-2.683
741	7.40	-2.326	-1.612	-0.548	0.596	1.413	1.569	0.963	-0.222	-1.601	-2.771
751	7.50	-3.479	-3.716	-3.683	-3.662	-3.869	-4.355	-5.004	-5.614	-5.994	-6.031
761	7.60	-5.688	-4.961	-3.829	-2.251	-0.222	2.156	4.631	6.844	8.455	9.284
771	7.70	9.412	9.168	8.988	9.222	9.976	11.067	12.129	12.806	12.943	12.667
781	7.80	12.321	12.279	12.746	13.640	14.627	15.280	15.283	14.578	13.369	12.003
791	7.90	10.793	9.869	9.153	8.445	7.579	6.538	5.479	4.637	4.177	4.071
801	8.00	4.077	3.839	3.047	1.585	-0.418	-2.656	-4.796	-6.629	-8.144	-9.494
811	8.10	-10.873	-12.382	-13.960	-15.408	-16.495	-17.086	-17.217	-17.074	-16.894	-16.836
821	8.20	-16.895	-16.898	-16.589	-15.760	-14.361	-12.534	-10.574	-8.812	-7.504	-6.749
831	8.30	-6.478	-6.501	-6.592	-6.562	-6.309	-5.829	-5.190	-4.493	-3.827	-3.238
841	8.40	-2.704	-2.141	-1.431	-0.461	0.822	2.375	4.060	5.684	7.069	8.122
851	8.50	8.882	9.497	10.155	10.995	12.027	13.122	14.068	14.675	14.873	14.757
861	8.60	14.559	14.539	14.867	15.530	16.325	16.934	17.051	16.500	15.295	13.623
871	8.70	11.754	9.933	8.292	6.831	5.447	4.009	2.423	0.665	-1.218	-3.148
881	8.80	-5.048	-6.862	-8.551	-10.073	-11.370	-12.368	-13.003	-13.247	-13.134	-12.757
891	8.90	-12.244	-11.715	-11.253	-10.879	-10.559	-10.234	-9.848	-9.374	-8.823	-8.238
901	9.00	-7.673	-7.180	-6.791	-6.520	-6.359	-6.290	-6.280	-6.284	-6.247	-6.102
911	9.10	-5.784	-5.241	-4.458	-3.463	-2.335	-1.184	-0.123	0.770	1.482	2.076
921	9.20	2.676	3.419	4.403	5.647	7.070	8.522	9.840	10.906	11.691	12.254
931	9.30	12.697	13.100	13.469	13.715	13.696	13.282	12.435	11.247	9.919	8.689
941	9.40	7.732	7.089	6.642	6.169	5.441	4.321	2.831	1.141	-0.491	-1.828
951	9.50	-2.737	-3.233	-3.462	-3.638	-3.965	-4.581	-5.533	-6.794	-8.293	-9.943
961	9.60	-11.650	-13.308	-14.790	-15.947	-16.632	-16.744	-16.263	-15.279	-13.979	-12.599
971	9.70	-11.363	-10.409	-9.749	-9.261	-8.738	-7.952	-6.737	-5.056	-3.017	-0.851
981	9.80	1.158	2.765	3.842	4.416	4.669	4.774	4.999	5.429	6.032	6.664
991	9.90	7.152	7.375	7.337	7.169	7.071	7.223	7.693	8.400	9.137	9.663

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

INDEX NO. 1997 S706-GR-1-5 HA. (HA.) SENDAIGAWA EMB. MAX. ACC. = 29.504 (GAL) T= 3.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	9.798	9.505	8.899	8.191	7.596	7.244	7.128	7.130	7.085	6.868
1011	10.10	6.457	5.935	5.449	5.138	5.067	5.204	5.437	5.630	5.679	5.552
1021	10.20	5.285	4.952	4.623	4.329	4.055	3.757	3.390	2.930	2.382	1.766
1031	10.30	1.104	0.398	-0.367	-1.209	-2.132	-3.108	-4.082	-4.982	-5.752	-6.369
1041	10.40	-6.859	-7.285	-7.727	-8.256	-8.909	-9.682	-10.532	-11.393	-12.195	-12.872
1051	10.50	-13.373	-13.663	-13.714	-13.506	-13.029	-12.286	-11.301	-10.122	-8.817	-7.468
1061	10.60	-6.156	-4.950	-3.897	-3.020	-2.317	-1.770	-1.349	-1.022	-0.753	-0.512
1071	10.70	-0.271	-0.014	0.264	0.557	0.845	1.105	1.312	1.447	1.495	1.441
1081	10.80	1.281	1.018	0.678	0.324	0.053	-0.014	0.234	0.853	1.809	2.958
1091	10.90	4.078	4.923	5.304	5.164	4.606	3.870	3.269	3.086	3.496	4.519
1101	11.00	6.024	7.784	9.543	11.078	12.238	12.951	13.219	13.098	12.689	12.128
1111	11.10	11.565	11.131	10.895	10.824	10.781	10.557	9.945	8.835	7.267	5.443
1121	11.20	3.663	2.217	1.280	0.853	0.775	0.806	0.736	0.468	0.043	-0.409
1131	11.30	-0.760	-0.969	-1.113	-1.354	-1.852	-2.680	-3.779	-4.985	-6.100	-6.993
1141	11.40	-7.659	-8.216	-8.839	-9.671	-10.749	-11.984	-13.199	-14.211	-14.897	-15.232
1151	11.50	-15.266	-15.084	-14.756	-14.318	-13.797	-13.234	-12.707	-12.310	-12.097	-12.023
1161	11.60	-11.920	-11.529	-10.603	-9.019	-6.861	-4.418	-2.092	-0.243	0.954	1.575
1171	11.70	1.906	2.310	3.053	4.185	5.524	6.750	7.562	7.832	7.669	7.370
1181	11.80	7.283	7.638	8.438	9.457	10.341	10.773	10.617	9.983	9.162	8.585
1191	11.90	8.472	8.909	9.729	10.609	11.201	11.274	10.791	9.912	8.913	8.076
1201	12.00	7.584	7.465	7.602	7.787	7.802	7.491	6.796	5.758	4.492	3.145
1211	12.10	1.860	0.748	-0.119	-0.718	-1.066	-1.221	-1.275	-1.347	-1.565	-2.042
1221	12.20	-2.846	-3.975	-5.345	-6.801	-8.147	-9.195	-9.817	-9.976	-9.743	-9.267
1231	12.30	-8.731	-8.295	-8.046	-7.987	-8.047	-8.125	-8.135	-8.045	-7.882	-7.716
1241	12.40	-7.823	-7.649	-7.783	-7.963	-8.094	-8.078	-7.849	-7.382	-6.698	-5.852
1251	12.50	-4.916	-3.967	-3.067	-2.258	-1.551	-0.916	-0.291	0.415	1.294	2.411
1261	12.60	3.777	5.333	6.958	8.492	9.780	10.702	11.206	11.307	11.075	10.604
1271	12.70	9.991	9.307	8.596	7.872	7.138	6.394	5.654	4.946	4.317	3.815
1281	12.80	3.480	3.320	3.304	3.359	3.383	3.278	2.978	2.475	1.822	1.113
1291	12.90	0.450	-0.098	-0.513	-0.830	-1.110	-1.408	-1.743	-2.103	-2.457	-2.793
1301	13.00	-3.133	-3.540	-4.082	-4.787	-5.613	-6.435	-7.087	-7.616	-7.356	-6.959
1311	13.10	-6.383	-5.837	-5.502	-5.455	-5.642	-5.901	-6.022	-5.823	-5.219	-4.235
1321	13.20	-2.990	-1.649	-0.366	0.751	1.653	2.340	2.639	3.190	3.431	3.602
1331	13.30	3.743	3.891	4.069	4.276	4.482	4.637	4.688	4.605	4.396	4.105
1341	13.40	3.795	3.517	3.286	3.069	2.795	2.391	1.820	1.108	0.352	-0.306
1351	13.50	-0.725	-0.819	-0.589	-0.131	0.393	0.815	1.016	0.969	0.741	0.458
1361	13.60	0.249	0.195	0.297	0.490	0.684	0.813	0.872	0.917	1.029	1.260
1371	13.70	1.596	1.944	2.170	2.159	1.870	1.359	0.764	0.240	-0.107	-0.264
1381	13.80	-0.312	-0.376	-0.568	-0.926	-1.403	-1.900	-2.321	-2.627	-2.858	-3.106
1391	13.90	-3.468	-3.989	-4.635	-5.306	-5.885	-6.289	-6.511	-6.613	-6.695	-6.843
1401	14.00	-7.084	-7.373	-7.608	-7.664	-7.433	-6.850	-5.905	-4.646	-3.171	-1.618
1411	14.10	-0.152	1.067	1.921	2.375	2.499	2.460	2.472	2.725	3.314	4.203
1421	14.20	5.236	6.201	6.905	7.247	7.239	6.988	6.642	6.335	6.150	6.117
1431	14.30	6.229	6.467	6.800	7.178	7.514	7.689	7.572	7.075	6.188	5.003
1441	14.40	3.677	2.380	1.223	0.225	-0.671	-1.544	-2.423	-3.250	-3.899	-4.243
1451	14.50	-4.233	-3.953	-3.598	-3.395	-3.497	-3.903	-4.454	-4.902	-5.028	-4.752
1461	14.60	-4.162	-3.473	-2.911	-2.607	-2.530	-2.517	-2.361	-1.922	-1.195	-0.302
1471	14.70	0.575	1.295	1.819	2.214	2.586	3.004	3.436	3.762	3.839	3.586
1481	14.80	3.046	2.372	1.756	1.331	1.099	0.928	0.626	0.043	-0.847	-1.920
1491	14.90	-2.968	-3.799	-4.330	-4.620	-4.829	-5.120	-5.560	-6.073	-6.476	-6.564

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

INDEX NO. 1997 S706-GR-1-5 HA. (HA.) SENDAIGAWA EMB. MAX. ACC. = 29.504 (GAL) T= 3.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-6.221	-5.481	-4.522	-3.592	-2.898	-2.526	-2.412	-2.383	-2.241	-1.845
1511	15.10	-1.163	-0.268	0.703	1.604	2.320	2.789	2.993	2.948	2.697	2.304
1521	15.20	1.866	1.498	1.311	1.383	1.730	2.295	2.965	3.612	4.129	4.457
1531	15.30	4.592	4.567	4.431	4.227	3.997	3.778	3.611	3.533	3.557	3.659
1541	15.40	3.768	3.786	3.628	3.265	2.746	2.195	1.758	1.547	1.590	1.810
1551	15.50	2.058	2.170	2.035	1.635	1.042	0.382	-0.220	-0.696	-1.049	-1.343
1561	15.60	-1.660	-2.064	-2.572	-3.155	-3.752	-4.303	-4.758	-5.089	-5.284	-5.340
1571	15.70	-5.258	-5.051	-4.752	-4.423	-4.146	-4.011	-4.083	-4.384	-4.870	-5.437
1581	15.80	-5.941	-6.230	-6.190	-5.772	-5.009	-4.012	-2.937	-1.938	-1.118	-0.502
1591	15.90	-0.026	0.429	0.985	1.715	2.609	3.574	4.474	5.186	5.651	5.893
1601	16.00	5.998	6.062	6.136	6.191	6.132	5.842	5.244	4.352	3.271	2.162
1611	16.10	1.186	0.442	-0.057	-0.363	-0.558	-0.698	-0.794	-0.821	-0.749	-0.580
1621	16.20	-0.364	-0.183	-0.107	-0.155	-0.280	-0.388	-0.380	-0.203	0.123	0.518
1631	16.30	0.880	1.140	1.286	1.366	1.450	1.583	1.757	1.906	1.946	1.812
1641	16.40	1.501	1.069	0.613	0.225	-0.038	-0.171	-0.201	-0.163	-0.075	0.068
1651	16.50	0.272	0.526	0.784	0.978	1.040	0.940	0.701	0.393	0.099	-0.125
1661	16.60	-0.278	-0.412	-0.600	-0.902	-1.326	-1.829	-2.341	-2.799	-3.183	-3.512
1671	16.70	-3.832	-4.177	-4.538	-4.868	-5.097	-5.171	-5.084	-4.883	-4.643	-4.427
1681	16.80	-4.256	-4.089	-3.844	-3.440	-2.832	-2.043	-1.151	-0.269	0.498	1.084
1691	16.90	1.473	1.694	1.806	1.879	1.978	2.159	2.458	2.885	3.415	3.986
1701	17.00	4.508	4.888	5.062	5.012	4.779	4.440	4.070	3.717	3.376	3.008
1711	17.10	2.570	2.050	1.491	0.979	0.606	0.427	0.426	0.518	0.581	0.517
1721	17.20	0.291	-0.045	-0.375	-0.572	-0.553	-0.314	0.065	0.461	0.756	0.886
1731	17.30	0.856	0.730	0.591	0.496	0.454	0.418	0.312	0.064	-0.359	-0.935
1741	17.40	-1.593	-2.233	-2.752	-3.072	-3.152	-2.996	-2.641	-2.151	-1.600	-1.058
1751	17.50	-0.583	-0.210	0.044	0.185	0.229	0.199	0.113	-0.017	-0.185	-0.391
1761	17.60	-0.635	-0.908	-1.196	-1.475	-1.722	-1.912	-2.036	-2.096	-2.111	-2.114
1771	17.70	-2.138	-2.211	-2.342	-2.516	-2.702	-2.857	-2.940	-2.929	-2.821	-2.632
1781	17.80	-2.386	-2.109	-1.817	-1.517	-1.213	-0.909	-0.616	-0.346	-0.108	0.100
1791	17.90	0.296	0.506	0.752	1.045	1.374	1.712	2.025	2.292	2.510	2.700
1801	18.00	2.894	3.118	3.385	3.682	3.979	4.246	4.461	4.623	4.749	4.862
1811	18.10	4.980	5.103	5.213	5.284	5.287	5.206	5.041	4.806	4.519	4.199
1821	18.20	3.852	3.473	3.050	2.565	2.006	1.367	0.657	-0.103	-0.881	-1.641
1831	18.30	-2.347	-2.972	-3.501	-3.933	-4.277	-4.545	-4.752	-4.911	-5.033	-5.126
1841	18.40	-5.197	-5.250	-5.276	-5.253	-5.150	-4.931	-4.573	-4.076	-3.473	-2.825
1851	18.50	-2.207	-1.688	-1.312	-1.093	-1.013	-1.037	-1.127	-1.246	-1.370	-1.476
1861	18.60	-1.546	-1.565	-1.524	-1.429	-1.297	-1.155	-1.023	-0.901	-0.767	-0.585
1871	18.70	-0.322	0.028	0.435	0.841	1.182	1.421	1.566	1.671	1.813	2.056
1881	18.80	2.420	2.868	3.319	3.686	3.911	3.989	3.965	3.906	3.872	3.884
1891	18.90	3.921	3.933	3.871	3.712	3.464	3.158	2.830	2.502	2.177	1.843
1901	19.00	1.492	1.127	0.763	0.413	0.075	-0.273	-0.665	-1.131	-1.674	-2.264
1911	19.10	-2.862	-3.347	-3.736	-4.000	-4.157	-4.237	-4.255	-4.207	-4.072	-3.837
1921	19.20	-3.517	-3.161	-2.839	-2.610	-2.489	-2.434	-2.359	-2.176	-1.835	-1.353
1931	19.30	-0.806	-0.295	0.100	0.356	0.515	0.653	0.836	1.082	1.345	1.539
1941	19.40	1.580	1.426	1.098	0.675	0.255	-0.076	-0.270	-0.318	-0.231	-0.019
1951	19.50	0.309	0.744	1.252	1.767	2.204	2.483	2.576	2.529	2.453	2.488
1961	19.60	2.735	3.214	3.840	4.460	4.906	5.067	4.926	4.552	4.065	3.571
1971	19.70	3.122	2.704	2.267	1.763	1.187	0.583	0.020	-0.447	-0.805	-1.092
1981	19.80	-1.372	-1.696	-2.072	-2.457	-2.785	-3.003	-3.109	-3.155	-3.227	-3.395
1991	19.90	-3.681	-4.038	-4.370	-4.577	-4.597	-4.432	-4.140	-3.801	-3.477	-3.184

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

INDEX NO. 1997 S706-GR-1-5 HA. (HA.) SENDAIGAWA EMB. MAX. ACC. = 29.504 (GAL) T= 3.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.895	-2.561	-2.152	-1.680	-1.202	-0.794	-0.516	-0.385	-0.360	-0.360
2011	20.10	-0.295	-0.103	0.231	0.672	1.150	1.588	1.923	2.122	2.186	2.151
2021	20.20	2.072	2.016	2.042	2.186	2.444	2.768	3.072	3.253	3.231	2.972
2031	20.30	2.508	1.927	1.343	0.859	0.529	0.347	0.261	0.203	0.119	-0.004
2041	20.40	-0.147	-0.278	-0.374	-0.442	-0.513	-0.624	-0.793	-0.999	-1.194	-1.320
2051	20.50	-1.346	-1.287	-1.207	-1.191	-1.305	-1.562	-1.912	-2.258	-2.496	-2.563
2061	20.60	-2.460	-2.251	-2.026	-1.858	-1.762	-1.695	-1.569	-1.304	-0.866	-0.292
2071	20.70	0.329	0.890	1.317	1.595	1.776	1.940	2.153	2.434	2.736	2.978
2081	20.80	3.081	3.017	2.818	2.570	2.367	2.271	2.285	2.355	2.411	2.400
2091	20.90	2.325	2.238	2.209	2.281	2.436	2.590	2.623	2.434	1.987	1.334
2101	21.00	0.592	-0.100	-0.640	-1.000	-1.227	-1.407	-1.622	-1.907	-2.242	-2.572
2111	21.10	-2.841	-3.027	-3.151	-3.263	-3.408	-3.598	-3.802	-3.965	-4.035	-3.996
2121	21.20	-3.071	-3.716	-3.578	-3.470	-3.362	-3.193	-2.911	-2.506	-2.028	-1.570
2131	21.30	-1.233	-1.074	-1.081	-1.169	-1.214	-1.104	-0.782	-0.265	0.363	0.991
2141	21.40	1.528	1.934	2.229	2.469	2.713	2.988	3.266	3.475	3.529	3.368
2151	21.50	2.993	2.480	1.965	1.604	1.521	1.759	2.260	2.876	3.414	3.704
2161	21.60	3.653	3.283	2.716	2.126	1.674	1.443	1.417	1.493	1.535	1.437
2171	21.70	1.170	0.780	0.365	0.014	-0.236	-0.410	-0.580	-0.808	-1.107	-1.422
2181	21.80	-1.659	-1.731	-1.618	-1.384	-1.158	-1.077	-1.215	-1.546	-1.951	-2.278
2191	21.90	-2.412	-2.341	-2.158	-2.017	-2.054	-2.313	-2.719	-3.106	-3.298	-3.190
2201	22.00	-2.798	-2.252	-1.725	-1.354	-1.172	-1.107	-1.026	-0.816	-0.455	-0.025
2211	22.10	0.330	0.481	0.396	0.168	-0.023	0.007	0.353	0.963	1.656	2.204
2221	22.20	2.436	2.324	1.993	1.669	1.562	1.771	2.229	2.738	3.055	3.014
2231	22.30	2.595	1.936	1.266	0.801	0.645	0.757	0.980	1.126	1.068	0.798
2241	22.40	0.418	0.082	-0.088	-0.062	0.081	0.202	0.165	-0.087	-0.513	-0.990
2251	22.50	-1.378	-1.579	-1.581	-1.453	-1.306	-1.243	-1.315	-1.513	-1.787	-2.080
2261	22.60	-2.355	-2.604	-2.831	-3.028	-3.157	-3.157	-2.967	-2.561	-1.972	-1.293
2271	22.70	-0.647	-0.144	0.160	0.278	0.284	0.276	0.334	0.491	0.725	0.975
2281	22.80	1.180	1.303	1.351	1.365	1.401	1.499	1.672	1.897	2.132	2.335
2291	22.90	2.481	2.568	2.609	2.625	2.622	2.595	2.529	2.416	2.264	2.103
2301	23.00	1.973	1.906	1.905	1.933	1.924	1.806	1.539	1.132	0.659	0.227
2311	23.10	-0.061	-0.149	-0.055	0.133	0.295	0.322	0.165	-0.152	-0.549	-0.930
2321	23.20	-1.228	-1.434	-1.587	-1.750	-1.961	-2.207	-2.425	-2.535	-2.476	-2.246
2331	23.30	-1.906	-1.553	-1.277	-1.123	-1.074	-1.069	-1.044	-0.968	-0.859	-0.770
2341	23.40	-0.754	-0.830	-0.965	-1.090	-1.142	-1.097	-0.993	-0.911	-0.931	-1.090
2351	23.50	-1.358	-1.649	-1.865	-1.942	-1.883	-1.753	-1.636	-1.585	-1.593	-1.589
2361	23.60	-1.481	-1.212	-0.794	-0.313	0.108	0.372	0.453	0.409	0.358	0.413
2371	23.70	0.629	0.983	1.384	1.731	1.954	2.052	2.078	2.098	2.151	2.220
2381	23.80	2.253	2.193	2.034	1.832	1.691	1.714	1.942	2.322	2.725	2.994
2391	23.90	3.017	2.780	2.371	1.945	1.650	1.562	1.660	1.840	1.967	1.945
2401	24.00	1.753	1.447	1.122	0.866	0.716	0.647	0.594	0.484	0.276	-0.030
2411	24.10	-0.405	-0.808	-1.214	-1.616	-2.015	-2.402	-2.742	-2.988	-3.094	-3.049
2421	24.20	-2.887	-2.689	-2.548	-2.531	-2.652	-2.857	-3.054	-3.143	-3.063	-2.815
2431	24.30	-2.456	-2.071	-1.737	-1.494	-1.334	-1.216	-1.094	-0.940	-0.756	-0.567
2441	24.40	-0.407	-0.293	-0.222	-0.170	-0.109	-0.020	0.097	0.227	0.351	0.461
2451	24.50	0.560	0.664	0.781	0.910	1.031	1.118	1.154	1.145	1.119	1.120
2461	24.60	1.182	1.312	1.478	1.621	1.675	1.598	1.383	1.067	0.707	0.360
2471	24.70	0.060	-0.185	-0.385	-0.547	-0.664	-0.705	-0.642	-0.462	-0.188	0.118
2481	24.80	0.379	0.534	0.565	0.506	0.430	0.414	0.502	0.686	0.908	1.088
2491	24.90	1.165	1.117	0.973	0.788	0.618	0.489	0.395	0.310	0.214	0.110

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

INDEX NO. 1997 S706-GR-1-5 HA. (HA.) SENDAIGAWA EMB. MAX. ACC. = 29.504 (GAL) T= 3.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.033	0.024	0.108	0.266	0.438	0.548	0.539	0.409	0.216	0.057
2511	25.10	0.020	0.145	0.393	0.667	0.848	0.849	0.655	0.327	-0.024	-0.286
2521	25.20	-0.394	-0.351	-0.220	-0.094	-0.054	-0.137	-0.332	-0.589	-0.847	-1.052
2531	25.30	-1.174	-1.203	-1.146	-1.016	-0.834	-0.627	-0.425	-0.262	-0.160	-0.122
2541	25.40	-0.128	-0.143	-0.132	-0.076	0.015	0.112	0.177	0.179	0.112	-0.006
2551	25.50	-0.145	-0.277	-0.388	-0.479	-0.558	-0.633	-0.703	-0.756	-0.780	-0.770
2561	25.60	-0.733	-0.681	-0.625	-0.567	-0.505	-0.440	-0.386	-0.375	-0.444	-0.616
2571	25.70	-0.874	-1.154	-1.358	-1.392	-1.206	-0.822	-0.335	0.124	0.438	0.558
2581	25.80	0.517	0.414	0.362	0.432	0.616	0.834	0.969	0.925	0.677	0.279
2591	25.90	-0.157	-0.514	-0.715	-0.754	-0.680	-0.567	-0.473	-0.411	-0.352	-0.252
2601	26.00	-0.081	0.155	0.413	0.635	0.779	0.838	0.848	0.869	0.959	1.155
2611	26.10	1.457	1.834	2.234	2.599	2.877	3.025	3.016	2.845	2.531	2.122
2621	26.20	1.683	1.284	0.973	0.761	0.619	0.493	0.331	0.111	-0.150	-0.402
2631	26.30	-0.588	-0.680	-0.691	-0.670	-0.682	-0.773	-0.947	-1.170	-1.390	-1.567
2641	26.40	-1.699	-1.818	-1.967	-2.168	-2.396	-2.578	-2.624	-2.465	-2.091	-1.560
2651	26.50	-0.984	-0.476	-0.117	0.079	0.156	0.187	0.242	0.354	0.516	0.703
2661	26.60	0.885	1.054	1.217	1.382	1.536	1.639	1.633	1.469	1.136	0.680
2671	26.70	0.187	-0.246	-0.548	-0.705	-0.761	-0.788	-0.852	-0.977	-1.133	-1.257
2681	26.80	-1.285	-1.187	-0.984	-0.736	-0.511	-0.352	-0.257	-0.182	-0.072	0.109
2691	26.90	0.350	0.596	0.770	0.816	0.723	0.541	0.359	0.267	0.319	0.504
2701	27.00	0.757	0.980	1.086	1.032	0.833	0.550	0.261	0.024	-0.143	-0.262
2711	27.10	-0.379	-0.539	-0.756	-1.012	-1.265	-1.466	-1.588	-1.629	-1.615	-1.576
2721	27.20	-1.534	-1.485	-1.404	-1.257	-1.024	-0.712	-0.357	-0.009	0.288	0.514
2731	27.30	0.682	0.833	1.007	1.231	1.498	1.773	2.009	2.164	2.222	2.197
2741	27.40	2.118	2.017	1.912	1.802	1.671	1.505	1.302	1.074	0.841	0.614
2751	27.50	0.388	0.143	-0.148	-0.493	-0.871	-1.229	-1.496	-1.616	-1.569	-1.383
2761	27.60	-1.125	-0.872	-0.679	-0.556	-0.470	-0.365	-0.195	0.046	0.318	0.552
2771	27.70	0.678	0.665	0.538	0.368	0.248	0.247	0.383	0.609	0.831	0.941
2781	27.80	0.857	0.555	0.079	-0.478	-0.997	-1.371	-1.531	-1.463	-1.207	-0.845
2791	27.90	-0.479	-0.206	-0.094	-0.165	-0.390	-0.701	-1.006	-1.220	-1.295	-1.226
2801	28.00	-1.055	-0.847	-0.662	-0.534	-0.452	-0.378	-0.261	-0.070	0.194	0.491
2811	28.10	0.761	0.948	1.024	0.996	0.904	0.796	0.713	0.668	0.655	0.651
2821	28.20	0.637	0.608	0.576	0.563	0.584	0.644	0.729	0.812	0.867	0.874
2831	28.30	0.820	0.707	0.560	0.326	0.078	-0.187	-0.443	-0.660	-0.811	-0.888
2841	28.40	-0.902	-0.889	-0.891	-0.947	-1.067	-1.230	-1.391	-1.496	-1.509	-1.426
2851	28.50	-1.277	-1.116	-0.995	-0.943	-0.957	-1.005	-1.039	-1.019	-0.925	-0.761
2861	28.60	-0.545	-0.301	-0.045	0.215	0.476	0.723	0.928	1.052	1.058	0.929
2871	28.70	0.680	0.359	0.040	-0.207	-0.330	-0.317	-0.192	-0.005	0.190	0.347
2881	28.80	0.441	0.467	0.432	0.344	0.212	0.046	-0.139	-0.319	-0.463	-0.540
2891	28.90	-0.531	-0.433	-0.263	-0.047	0.189	0.427	0.663	0.895	1.118	1.317
2901	29.00	1.464	1.530	1.501	1.389	1.234	1.096	1.027	1.057	1.176	1.336
2911	29.10	1.471	1.519	1.446	1.255	0.983	0.686	0.414	0.196	0.035	-0.094
2921	29.20	-0.225	-0.387	-0.599	-0.856	-1.136	-1.401	-1.608	-1.720	-1.717	-1.601
2931	29.30	-1.408	-1.192	-1.017	-0.935	-0.965	-1.083	-1.229	-1.329	-1.322	-1.187
2941	29.40	-0.954	-0.686	-0.453	-0.300	-0.224	-0.171	-0.066	0.157	0.519	0.985
2951	29.50	1.473	1.687	2.155	2.254	2.212	2.091	1.957	1.850	1.774	1.706
2961	29.60	1.610	1.464	1.269	1.044	0.811	0.583	0.353	0.101	-0.187	-0.503
2971	29.70	-0.814	-1.066	-1.207	-1.211	-1.095	-0.912	-0.739	-0.645	-0.667	-0.801
2981	29.80	-1.006	-1.224	-1.403	-1.513	-1.554	-1.544	-1.507	-1.466	-1.420	-1.372
2991	29.90	-1.313	-1.240	-1.161	-1.083	-1.018	-0.966	-0.916	-0.854	-0.759	-0.622

Table 7-1-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1997 S706-GR-1-5 HA. (HA.) SENDAIGAWA EMB. MAX. ACC. = 29.504 (GAL) T= 3.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.447	-0.250	-0.060	0.093	0.191	0.229	0.224	0.214	0.240	0.342
3011	30.10	0.540	0.823	1.156	1.474	1.724	1.863	1.888	1.832	1.751	1.704
3021	30.20	1.728	1.822	1.948	2.052	2.086	2.035	1.922	1.797	1.713	1.698
3031	30.30	1.737	1.781	1.771	1.661	1.452	1.186	0.932	0.752	0.667	0.645
3041	30.40	0.614	0.489	0.217	-0.202	-0.709	-1.213	-1.623	-1.892	-2.027	-2.082
3051	30.50	-2.133	-2.239	-2.420	-2.650	-2.874	-3.036	-3.106	-3.088	-3.019	-2.944
3061	30.60	-2.900	-2.896	-2.913	-2.918	-2.877	-2.776	-2.618	-2.427	-2.231	-2.050
3071	30.70	-1.887	-1.728	-1.551	-1.335	-1.071	-0.766	-0.441	-0.123	0.169	0.431
3081	30.80	0.679	0.940	1.239	1.590	1.979	2.375	2.735	3.024	3.231	3.374
3091	30.90	3.487	3.603	3.733	3.853	3.914	3.864	3.679	3.383	3.040	2.738
3101	31.00	2.544	2.474	2.485	2.491	2.404	2.180	1.841	1.469	1.164	1.002
3111	31.10	0.991	1.067	1.124	1.060	0.825	0.442	-0.002	-0.394	-0.643	-0.711
3121	31.20	-0.620	-0.434	-0.234	-0.092	-0.058	-0.167	-0.440	-0.883	-1.481	-2.184
3131	31.30	-2.899	-3.512	-3.920	-4.070	-3.986	-3.762	-3.528	-3.397	-3.419	-3.567
3141	31.40	-3.760	-3.908	-3.965	-3.944	-3.907	-3.921	-4.005	-4.107	-4.126	-3.953
3151	31.50	-3.537	-2.914	-2.201	-1.546	-1.058	-0.761	-0.583	-0.398	-0.095	0.366
3161	31.60	0.927	1.465	1.854	2.031	2.033	1.978	2.008	2.222	2.620	3.110
3171	31.70	3.543	3.791	3.803	3.632	3.405	3.264	3.304	3.523	3.830	4.085
3181	31.80	4.157	3.980	3.576	3.040	2.505	2.088	1.851	1.788	1.837	1.905
3191	31.90	1.905	1.781	1.527	1.179	0.804	0.476	0.250	0.148	0.144	0.181
3201	32.00	0.181	0.081	-0.147	-0.483	-0.860	-1.192	-1.401	-1.451	-1.360	-1.197
3211	32.10	-1.053	-1.015	-1.131	-1.397	-1.764	-2.154	-2.491	-2.722	-2.825	-2.808
3221	32.20	-2.699	-2.531	-2.331	-2.123	-1.924	-1.754	-1.633	-1.580	-1.604	-1.698
3231	32.30	-1.843	-2.004	-2.145	-2.237	-2.263	-2.223	-2.124	-1.980	-1.804	-1.606
3241	32.40	-1.398	-1.195	-1.015	-0.871	-0.771	-0.699	-0.623	-0.495	-0.274	0.058
3251	32.50	0.479	0.927	1.316	1.557	1.608	1.475	1.225	0.962	0.796	0.802
3261	32.60	0.999	1.347	1.769	2.180	2.519	2.761	2.920	3.024	3.103	3.167
3271	32.70	3.209	3.215	3.181	3.117	3.048	2.999	2.981	2.983	2.972	2.913
3281	32.80	2.782	2.585	2.352	2.124	1.931	1.772	1.617	1.418	1.135	0.758
3291	32.90	0.314	-0.136	-0.525	-0.810	-0.985	-1.089	-1.186	-1.335	-1.570	-1.884
3301	33.00	-2.237	-2.576	-2.855	-3.059	-3.200	-3.313	-3.430	-3.570	-3.724	-3.860
3311	33.10	-3.938	-3.922	-3.799	-3.583	-3.309	-3.025	-2.774	-2.582	-2.451	-2.358
3321	33.20	-2.265	-2.132	-1.931	-1.658	-1.333	-0.995	-0.686	-0.434	-0.245	-0.099
3331	33.30	0.038	0.199	0.401	0.638	0.882	1.099	1.263	1.369	1.430	1.468
3341	33.40	1.500	1.531	1.550	1.547	1.520	1.496	1.508	1.609	1.819	2.128
3351	33.50	2.483	2.811	3.038	3.124	3.076	2.942	2.794	2.696	2.682	2.748
3361	33.60	2.861	2.974	3.051	3.073	3.039	2.959	2.841	2.693	2.515	2.315
3371	33.70	2.102	1.888	1.675	1.452	1.191	0.859	0.440	-0.051	-0.563	-1.019
3381	33.80	-1.347	-1.506	-1.511	-1.429	-1.357	-1.387	-1.568	-1.894	-2.307	-2.727
3391	33.90	-3.083	-3.340	-3.509	-3.627	-3.742	-3.883	-4.047	-4.206	-4.319	-4.353
3401	34.00	-4.298	-4.171	-4.011	-3.862	-3.762	-3.727	-3.751	-3.802	-3.832	-3.789
3411	34.10	-3.625	-3.315	-2.858	-2.282	-1.640	-0.996	-0.410	0.073	0.435	0.686
3421	34.20	0.852	0.973	1.085	1.219	1.391	1.608	1.861	2.135	2.407	2.652
3431	34.30	2.856	3.019	3.156	3.292	3.452	3.645	3.852	4.034	4.139	4.126
3441	34.40	3.983	3.738	3.448	3.182	2.993	2.900	2.884	2.899	2.893	2.835
3451	34.50	2.718	2.564	2.404	2.261	2.141	2.029	1.898	1.728	1.509	1.251
3461	34.60	0.974	0.698	0.436	0.190	-0.046	-0.276	-0.503	-0.723	-0.934	-1.137
3471	34.70	-1.347	-1.583	-1.863	-2.197	-2.579	-2.981	-3.366	-3.690	-3.918	-4.029
3481	34.80	-4.022	-3.916	-3.737	-3.519	-3.290	-3.069	-2.866	-2.687	-2.538	-2.425
3491	34.90	-2.362	-2.359	-2.416	-2.515	-2.619	-2.679	-2.645	-2.491	-2.218	-1.861

Table 7-1-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1997 S706-GR-1-5 HA. (HA.) SENDAIGAWA EMB. MAX. ACC. = 29.504 (GAL) T= 3.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.477	-1.118	-0.819	-0.588	-0.405	-0.243	-0.084	0.071	0.208	0.313
3511	35.10	0.388	0.461	0.576	0.773	1.063	1.418	1.775	2.066	2.245	2.314
3521	35.20	2.318	2.329	2.404	2.564	2.781	2.997	3.154	3.228	3.235	3.221
3531	35.30	3.233	3.287	3.352	3.370	3.283	3.065	2.746	2.395	2.091	1.880
3541	35.40	1.757	1.663	1.519	1.264	0.895	0.464	0.059	-0.239	-0.392	-0.429
3551	35.50	-0.425	-0.472	-0.631	-0.907	-1.243	-1.547	-1.723	-1.715	-1.525	-1.217
3561	35.60	-0.892	-0.663	-0.616	-0.790	-1.161	-1.649	-2.141	-2.518	-2.695	-2.646
3571	35.70	-2.412	-2.093	-1.808	-1.659	-1.691	-1.881	-2.147	-2.392	-2.542	-2.575
3581	35.80	-2.523	-2.450	-2.413	-2.427	-2.460	-2.448	-2.329	-2.080	-1.729	-1.346
3591	35.90	-1.008	-0.765	-0.617	-0.516	-0.394	-0.193	0.104	0.472	0.857	1.204
3601	36.00	1.478	1.676	1.819	1.932	2.035	2.129	2.210	2.271	2.317	2.360
3611	36.10	2.413	2.479	2.549	2.609	2.644	2.654	2.650	2.647	2.647	2.636
3621	36.20	2.585	2.462	2.261	2.007	1.755	1.570	1.496	1.539	1.657	1.783
3631	36.30	1.851	1.824	1.703	1.519	1.310	1.099	0.888	0.667	0.435	0.213
3641	36.40	0.045	-0.024	0.020	0.142	0.259	0.270	0.099	-0.265	-0.764	-1.290
3651	36.50	-1.736	-2.044	-2.231	-2.375	-2.574	-2.890	-3.318	-3.781	-4.166	-4.375
3661	36.60	-4.369	-4.184	-3.908	-3.644	-3.465	-3.394	-3.403	-3.442	-3.462	-3.432
3671	36.70	-3.338	-3.168	-2.904	-2.520	-1.998	-1.355	-0.666	0.041	0.614	1.018
3681	36.80	1.258	1.399	1.531	1.731	2.019	2.348	2.631	2.777	2.745	2.563
3691	36.90	2.320	2.128	2.071	2.172	2.387	2.627	2.799	2.849	2.774	2.619
3701	37.00	2.446	2.309	2.228	2.194	2.174	2.135	2.056	1.936	1.775	1.583
3711	37.10	1.367	1.135	0.897	0.667	0.462	0.289	0.144	0.006	-0.150	-0.342
3721	37.20	-0.566	-0.796	-0.990	-1.109	-1.138	-1.093	-1.018	-0.970	-0.988	-1.084
3731	37.30	-1.231	-1.382	-1.489	-1.523	-1.487	-1.411	-1.340	-1.312	-1.345	-1.432
3741	37.40	-1.548	-1.660	-1.747	-1.799	-1.824	-1.834	-1.842	-1.850	-1.850	-1.826
3751	37.50	-1.763	-1.653	-1.505	-1.343	-1.199	-1.107	-1.084	-1.124	-1.193	-1.237
3761	37.60	-1.197	-1.030	-0.727	-0.319	0.133	0.550	0.868	1.055	1.119	1.103
3771	37.70	1.067	1.061	1.117	1.236	1.401	1.586	1.768	1.933	2.070	2.170
3781	37.80	2.218	2.195	2.093	1.920	1.709	1.513	1.385	1.362	1.445	1.597
3791	37.90	1.752	1.841	1.812	1.649	1.374	1.032	0.673	0.336	0.037	-0.222
3801	38.00	-0.448	-0.645	-0.807	-0.923	-0.987	-1.007	-1.004	-1.007	-1.041	-1.110
3811	38.10	-1.199	-1.275	-1.304	-1.265	-1.164	-1.025	-0.885	-0.776	-0.709	-0.675
3821	38.20	-0.648	-0.602	-0.521	-0.406	-0.273	-0.141	-0.025	0.071	0.152	0.221
3831	38.30	0.276	0.304	0.291	0.230	0.133	0.027	-0.049	-0.066	-0.018	0.072
3841	38.40	0.155	0.177	0.103	-0.066	-0.297	-0.529	-0.705	-0.787	-0.775	-0.697
3851	38.50	-0.597	-0.510	-0.455	-0.424	-0.398	-0.362	-0.312	-0.259	-0.222	-0.210
3861	38.60	-0.216	-0.215	-0.175	-0.075	0.079	0.255	0.407	0.489	0.486	0.413
3871	38.70	0.318	0.260	0.282	0.397	0.579	0.778	0.938	1.023	1.023	0.957
3881	38.80	0.858	0.753	0.654	0.552	0.431	0.280	0.111	-0.045	-0.146	-0.159
3891	38.90	-0.076	0.072	0.223	0.307	0.270	0.100	-0.166	-0.451	-0.664	-0.736
3901	39.00	-0.642	-0.415	-0.128	0.133	0.301	0.357	0.331	0.285	0.281	0.347
3911	39.10	0.467	0.582	0.623	0.544	0.352	0.107	-0.097	-0.180	-0.108	0.081
3921	39.20	0.298	0.435	0.419	0.246	-0.017	-0.261	-0.386	-0.351	-0.193	-0.008
3931	39.30	0.096	0.054	-0.122	-0.348	-0.511	-0.527	-0.388	-0.168	0.011	0.042
3941	39.40	-0.111	-0.389	-0.665	-0.800	-0.716	-0.436	-0.076	0.210	0.302	0.173
3951	39.50	-0.102	-0.384	-0.543	-0.520	-0.361	-0.186	-0.129	-0.266	-0.577	-0.948
3961	39.60	-1.234	-1.322	-1.185	-0.888	-0.552	-0.286	-0.144	-0.102	-0.086	-0.028
3971	39.70	0.095	0.246	0.352	0.355	0.256	0.122	0.063	0.166	0.446	0.828
3981	39.80	1.174	1.348	1.283	1.022	0.696	0.469	0.456	0.668	1.004	1.300
3991	39.90	1.402	1.242	0.864	0.407	0.038	-0.118	-0.032	0.231	0.546	0.785

Table 7-1-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1997 S706-GR-1-5 HA. (HA.) SENDAIGAWA EMB. MAX. ACC. = 29.504 (GAL) T= 3.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.873	0.804	0.632	0.431	0.256	0.125	0.023	-0.075	-0.177	-0.264
4011	40.10	-0.295	-0.235	-0.075	0.147	0.358	0.472	0.428	0.210	-0.138	-0.531
4021	40.20	-0.867	-1.066	-1.093	-0.965	-0.744	-0.502	-0.302	-0.170	-0.095	-0.039
4031	40.30	0.035	0.140	0.252	0.321	0.291	0.132	-0.134	-0.438	-0.684	-0.792
4041	40.40	-0.732	-0.545	-0.328	-0.197	-0.230	-0.439	-0.758	-1.074	-1.273	-1.295
4051	40.50	-1.149	-0.907	-0.664	-0.495	-0.422	-0.419	-0.437	-0.638	-0.423	-0.428
4061	40.60	-0.496	-0.644	-0.842	-1.014	-1.076	-0.971	-0.707	-0.354	-0.016	0.220
4071	40.70	0.315	0.297	0.238	0.211	0.253	0.347	0.441	0.477	0.432	0.332
4081	40.80	0.238	0.214	0.287	0.436	0.596	0.700	0.710	0.639	0.544	0.498
4091	40.90	0.549	0.706	0.931	1.170	1.380	1.543	1.665	1.758	1.813	1.797
4101	41.00	1.666	1.394	1.001	0.561	0.178	-0.054	-0.092	0.029	0.215	0.354
4111	41.10	0.366	0.240	0.031	-0.168	-0.278	-0.276	-0.204	-0.144	-0.179	-0.346
4121	41.20	-0.616	-0.913	-1.146	-1.254	-1.231	-1.125	-1.011	-0.958	-0.999	-1.125
4131	41.30	-1.296	-1.464	-1.593	-1.668	-1.695	-1.685	-1.648	-1.590	-1.516	-1.434
4141	41.40	-1.355	-1.291	-1.244	-1.207	-1.167	-1.115	-1.053	-0.995	-0.959	-0.947
4151	41.50	-0.934	-0.871	-0.698	-0.379	0.077	0.601	1.088	1.434	1.580	1.544
4161	41.60	1.413	1.310	1.339	1.536	1.851	2.171	2.368	2.363	2.159	1.846
4171	41.70	1.563	1.436	1.527	1.806	2.169	2.483	2.640	2.602	2.404	2.133
4181	41.80	1.675	1.681	1.541	1.401	1.196	0.894	0.515	0.131	-0.165	-0.308
4191	41.90	-0.286	-0.156	-0.020	0.022	-0.091	-0.349	-0.684	-1.001	-1.223	-1.325
4201	42.00	-1.343	-1.354	-1.430	-1.607	-1.858	-2.112	-2.283	-2.313	-2.201	-1.997
4211	42.10	-1.782	-1.627	-1.561	-1.567	-1.596	-1.598	-1.550	-1.468	-1.387	-1.340
4221	42.20	-1.330	-1.322	-1.257	-1.086	-0.799	-0.436	-0.072	0.214	0.377	0.425
4231	42.30	0.412	0.409	0.469	0.596	0.753	0.877	0.923	0.884	0.804	0.749
4241	42.40	0.780	0.917	1.130	1.353	1.516	1.576	1.541	1.457	1.385	1.373
4251	42.50	1.429	1.521	1.598	1.615	1.560	1.454	1.346	1.264	1.290	1.349
4261	42.60	1.410	1.407	1.285	1.021	0.640	0.204	-0.205	-0.511	-0.672	-0.692
4271	42.70	-0.622	-0.541	-0.529	-0.637	-0.865	-1.163	-1.448	-1.637	-1.685	-1.601
4281	42.80	-1.449	-1.320	-1.294	-1.402	-1.613	-1.840	-1.981	-1.959	-1.753	-1.406
4291	42.90	-1.008	-0.658	-0.426	-0.335	-0.356	-0.429	-0.492	-0.499	-0.436	-0.315
4301	43.00	-0.162	-0.008	0.122	0.211	0.252	0.248	0.212	0.165	0.133	0.136
4311	43.10	0.178	0.244	0.307	0.343	0.345	0.333	0.347	0.421	0.561	0.732
4321	43.20	0.859	0.864	0.705	0.404	0.052	-0.223	-0.309	-0.161	0.175	0.580
4331	43.30	0.912	1.071	1.040	0.889	0.736	0.685	0.774	0.955	1.123	1.169
4341	43.40	1.035	0.746	0.394	0.089	-0.091	-0.138	-0.107	-0.080	-0.113	-0.206
4351	43.50	-0.301	-0.323	-0.225	-0.025	0.199	0.350	0.359	0.234	0.056	-0.056
4361	43.60	-0.013	0.193	0.479	0.698	0.718	0.485	0.060	-0.402	-0.720	-0.768
4371	43.70	-0.534	-0.124	0.288	0.537	0.551	0.329	0.021	-0.241	-0.358	-0.319
4381	43.80	-0.200	-0.116	-0.161	-0.357	-0.648	-0.929	-1.101	-1.115	-0.999	-0.831
4391	43.90	-0.707	-0.690	-0.785	-0.946	-1.099	-1.185	-1.183	-1.113	-1.017	-0.936
4401	44.00	-0.887	-0.856	-0.816	-0.742	-0.632	-0.505	-0.397	-0.340	-0.346	-0.400
4411	44.10	-0.470	-0.512	-0.488	-0.375	-0.172	0.105	0.424	0.740	1.001	1.164
4421	44.20	1.203	1.119	0.951	0.761	0.616	0.561	0.599	0.689	0.760	0.740
4431	44.30	0.592	0.332	0.028	-0.229	-0.352	-0.296	-0.072	0.263	0.628	0.944
4441	44.40	1.154	1.234	1.185	1.029	0.797	0.533	0.284	0.102	0.031	0.088
4451	44.50	0.257	0.483	0.695	0.826	0.843	0.758	0.617	0.477	0.375	0.309
4461	44.60	0.241	0.131	-0.042	-0.250	-0.424	-0.489	-0.402	-0.187	0.065	0.231
4471	44.70	0.209	-0.032	-0.428	-0.844	-1.129	-1.183	-1.001	-0.675	-0.355	-0.182
4481	44.80	-0.232	-0.484	-0.837	-1.155	-1.329	-1.310	-1.126	-0.852	-0.575	-0.358
4491	44.90	-0.220	-0.147	-0.112	-0.093	-0.082	-0.085	-0.105	-0.134	-0.153	-0.143

Table 7-1-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1997 S706-GR-1-5 HA. (HA.) SENDAIGAWA EMB. MAX. ACC. = 29.504 (GAL) T= 3.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.094	-0.013	0.075	0.148	0.194	0.220	0.242	0.277	0.323	0.356
4511	45.10	0.346	0.270	0.134	-0.026	-0.157	-0.216	-0.192	-0.113	-0.033	-0.004
4521	45.20	-0.042	-0.114	-0.155	-0.099	0.080	0.346	0.612	0.770	0.750	0.549
4531	45.30	0.241	-0.050	-0.208	-0.175	0.027	0.310	0.560	0.692	0.687	0.593
4541	45.40	0.493	0.458	0.507	0.603	0.669	0.636	0.483	0.250	0.028	-0.087
4551	45.50	-0.035	0.175	0.473	0.753	0.920	0.926	0.785	0.557	0.322	0.150
4561	45.60	0.072	0.088	0.169	0.276	0.376	0.438	0.439	0.360	0.190	-0.067
4571	45.70	-0.381	-0.700	-0.960	-1.106	-1.111	-0.989	-0.789	-0.582	-0.426	-0.356
4581	45.80	-0.369	-0.439	-0.528	-0.610	-0.678	-0.740	-0.806	-0.876	-0.933	-0.947
4591	45.90	-0.890	-0.750	-0.542	-0.307	-0.094	0.053	0.115	0.099	0.040	-0.021
4601	46.00	-0.049	-0.030	0.023	0.077	0.089	0.030	-0.108	-0.301	-0.501	-0.646
4611	46.10	-0.686	-0.598	-0.398	-0.135	0.128	0.335	0.463	0.523	0.553	0.596
4621	46.20	0.672	0.768	0.841	0.845	0.759	0.606	0.448	0.362	0.402	0.568
4631	46.30	0.797	0.991	1.059	0.961	0.731	0.461	0.259	0.198	0.277	0.422
4641	46.40	0.522	0.486	0.285	-0.027	-0.344	-0.555	-0.598	-0.490	-0.316	-0.183
4651	46.50	-0.170	-0.292	-0.494	-0.690	-0.804	-0.810	-0.740	-0.661	-0.632	-0.667
4661	46.60	-0.730	-0.746	-0.651	-0.422	-0.097	0.241	0.502	0.624	0.602	0.482
4671	46.70	0.334	0.219	0.162	0.152	0.157	0.151	0.131	0.120	0.149	0.244
4681	46.80	0.401	0.592	0.776	0.913	0.980	0.971	0.887	0.728	0.485	0.157
4691	46.90	-0.242	-0.668	-1.053	-1.319	-1.413	-1.330	-1.118	-0.861	-0.666	-0.526
4701	47.00	-0.501	-0.524	-0.530	-0.475	-0.367	-0.257	-0.221	-0.314	-0.532	-0.807
4711	47.10	-1.027	-1.086	-0.922	-0.566	-0.117	0.287	0.525	0.546	0.380	0.129
4721	47.20	-0.083	-0.160	-0.071	0.141	0.385	0.568	0.630	0.574	0.455	0.351
4731	47.30	0.328	0.409	0.567	0.740	0.859	0.881	0.801	0.652	0.483	0.339
4741	47.40	0.236	0.164	0.094	-0.002	-0.130	-0.271	-0.385	-0.431	-0.384	-0.247
4751	47.50	-0.055	0.144	0.299	0.379	0.379	0.314	0.218	0.122	0.045	-0.010
4761	47.60	-0.055	-0.108	-0.181	-0.273	-0.360	-0.407	-0.373	-0.235	0.001	0.290
4771	47.70	0.559	0.721	0.713	0.518	0.176	-0.226	-0.581	-0.803	-0.854	-0.759
4781	47.80	-0.583	-0.404	-0.277	-0.211	-0.181	-0.150	-0.099	-0.047	-0.040	-0.122
4791	47.90	-0.299	-0.520	-0.692	-0.714	-0.536	-0.186	0.225	0.553	0.682	0.581
4801	48.00	0.323	0.048	-0.101	-0.052	0.160	0.409	0.541	0.454	0.150	-0.253
4811	48.10	-0.562	-0.688	-0.514	-0.128	0.316	0.666	0.755	0.641	0.401	0.174
4821	48.20	0.072	0.127	0.288	0.456	0.546	0.526	0.431	0.331	0.285	0.302
4831	48.30	0.335	0.312	0.183	-0.040	-0.282	-0.434	-0.410	-0.192	0.155	0.506
4841	48.40	0.736	0.768	0.609	0.338	0.065	-0.123	-0.194	-0.177	-0.136	-0.131
4851	48.50	-0.180	-0.260	-0.323	-0.326	-0.260	-0.154	-0.081	-0.025	-0.064	-0.156
4861	48.60	-0.259	-0.331	-0.352	-0.334	-0.311	-0.313	-0.347	-0.396	-0.422	-0.393
4871	48.70	-0.298	-0.157								

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

INDEX NO. 1998 S706-GR-1-5 U-D (U-D) SENDAIGAWA EMB. MAX. ACC. = 15.041 (GAL) T= 2.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.654	1.624	1.756	2.173	2.836	3.525	3.905	3.673	2.707	1.139
11	0.10	-0.664	-2.242	-3.218	-3.444	-3.043	-2.347	-1.746	-1.535	-1.819	-2.499
21	0.20	-3.341	-4.071	-4.462	-4.376	-3.780	-2.736	-1.397	0.009	1.201	1.915
31	0.30	1.991	1.447	0.511	-0.443	-1.022	-0.968	-0.267	0.846	1.990	2.797
41	0.40	3.055	2.765	2.101	1.301	0.557	-0.036	-0.457	-0.699	-0.729	-0.495
51	0.50	0.016	0.721	1.439	1.967	2.203	2.225	2.275	2.622	3.373	4.346
61	0.60	5.088	5.077	4.000	1.970	-0.461	-2.513	-3.538	-3.330	-2.225	-0.921
71	0.70	-0.118	-0.167	-0.925	-1.891	-2.549	-2.695	-2.554	-2.601	-3.199	-4.268
81	0.80	-5.227	-5.280	-3.907	-1.274	1.702	3.732	3.827	1.883	-1.142	-3.627
91	0.90	-4.105	-2.076	1.625	5.141	6.481	4.562	-0.159	-5.782	-9.803	-10.279
101	1.00	-6.754	-0.471	6.209	10.900	12.232	10.342	6.600	2.796	0.226	-0.826
111	1.10	-0.979	-1.172	-1.966	-3.189	-4.094	-3.921	-2.479	-0.382	1.248	1.440
121	1.20	0.010	-2.226	-3.827	-3.508	-0.907	3.103	6.772	8.332	6.910	3.014
131	1.30	-1.690	-5.201	-6.182	-4.613	-1.757	0.533	0.795	-1.283	-4.709	-7.715
141	1.40	-8.649	-6.792	-2.669	2.258	6.323	8.422	8.423	7.062	5.433	4.384
151	1.50	4.151	4.378	4.465	3.996	2.995	1.874	1.144	1.074	1.528	2.065
161	1.60	2.231	1.864	1.201	0.730	0.857	1.585	2.406	2.499	1.140	-1.874
171	1.70	-6.009	-10.118	-12.879	-13.337	-11.328	-7.576	-3.424	-0.314	0.775	-0.315
181	1.80	-2.899	-5.755	-7.630	-7.736	-6.036	-3.222	-0.415	1.291	1.254	-0.495
191	1.90	-3.298	-6.149	-8.090	-8.544	-7.466	-5.270	-2.595	-0.021	2.113	3.739
201	2.00	4.958	5.873	6.503	6.792	6.730	6.473	6.374	6.859	8.206	10.329
211	2.10	12.710	14.540	15.041	13.826	11.116	7.707	4.671	2.917	2.823	4.077
221	2.20	5.823	7.021	6.857	5.044	1.876	-1.933	-5.536	-8.242	-9.680	-9.832
231	2.30	-8.951	-7.448	-5.777	-4.361	-3.518	-3.404	-3.963	-4.929	-5.901	-6.491
241	2.40	-6.489	-5.961	-5.235	-4.734	-4.764	-5.331	-6.105	-6.562	-6.224	-4.895
251	2.50	-2.768	-0.337	1.821	3.293	3.979	4.065	3.861	3.597	3.306	2.848
261	2.60	2.062	0.945	-0.260	-1.125	-1.228	-0.376	1.255	3.157	4.668	5.234
271	2.70	4.615	2.963	0.735	-1.496	-3.241	-4.239	-4.496	-4.222	-3.730	-3.319
281	2.80	-3.173	-3.305	-3.541	-3.559	-3.002	-1.627	0.533	3.084	5.331	6.495
291	2.90	6.026	3.899	0.721	-2.416	-4.319	-4.176	-1.917	1.708	5.411	7.883
301	3.00	8.341	6.848	4.282	1.944	0.993	1.958	4.528	7.702	10.220	11.068
311	3.10	9.851	6.887	3.018	-0.762	-3.582	-5.124	-5.458	-5.017	-4.354	-3.934
321	3.20	-4.006	-4.566	-5.400	-6.194	-6.631	-6.504	-5.781	-4.626	-3.350	-2.303
331	3.30	-1.736	-1.692	-1.978	-2.230	-2.075	-1.301	0.024	1.570	2.874	3.553
341	3.40	3.484	2.864	2.129	1.744	1.976	2.754	3.681	4.206	3.884	2.596
351	3.50	0.637	-1.378	-2.759	-3.030	-2.144	-0.519	1.113	2.001	1.687	0.206
361	3.60	-1.912	-3.849	-4.829	-4.451	-2.871	-0.761	0.956	1.486	0.492	-1.741
371	3.70	-4.418	-6.542	-7.315	-6.446	-4.243	-1.469	1.082	2.737	3.343	3.147
381	3.80	2.599	2.063	1.617	1.034	-0.028	-1.756	-3.962	-6.060	-7.259	-6.891
391	3.90	-4.724	-1.108	3.130	6.983	9.633	10.715	10.377	9.124	7.547	6.069
401	4.00	4.836	3.779	2.781	1.859	1.221	1.193	2.037	3.772	6.093	8.443
411	4.10	10.206	10.925	10.454	8.962	6.817	4.405	1.975	-0.402	-2.783	-5.221
421	4.20	-7.659	-9.897	-11.652	-12.684	-12.902	-12.414	-11.484	-10.416	-9.440	-8.636
431	4.30	-7.948	-7.250	-6.449	-5.541	-4.618	-3.807	-3.198	-2.782	-2.457	-2.072
441	4.40	-1.509	-0.737	0.169	1.069	1.820	2.333	2.598	2.659	2.570	2.355
451	4.50	2.000	1.471	0.770	-0.038	-0.813	-1.380	-1.585	-1.347	-0.690	0.280
461	4.60	1.412	2.561	3.616	4.498	5.143	5.479	5.430	4.934	3.991	2.688
471	4.70	1.206	-0.221	-1.362	-2.052	-2.231	-1.937	-1.275	-0.368	0.687	1.829
481	4.80	3.027	4.253	5.456	6.557	7.455	8.044	8.237	7.988	7.311	6.290
491	4.90	5.077	3.878	2.912	2.347	2.241	2.500	2.881	3.061	2.738	1.747

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

INDEX NO. 1998 S706-GR-1-5 U-D (U-D) SENDAIGAWA EMB. MAX. ACC. = 15.041 (GAL) T= 2.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.124	-1.891	-3.943	-5.679	-6.875	-7.489	-7.643	-7.540	-7.359	-7.177
511	5.10	-6.963	-6.620	-6.064	-5.277	-4.320	-3.294	-2.285	-1.324	-0.396	0.518
521	5.20	1.379	2.073	2.439	2.346	1.785	0.910	0.006	-0.618	-0.764	-0.457
531	5.30	0.041	0.313	-0.048	-1.270	-3.293	-5.763	-8.145	-9.896	-10.638	-10.267
541	5.40	-8.956	-7.066	-5.007	-3.098	-1.485	-0.140	1.079	2.320	3.657	5.034
551	5.50	6.290	7.222	7.675	7.612	7.137	6.453	5.790	5.311	5.059	4.958
561	5.60	4.863	4.651	4.288	3.852	3.497	3.364	3.499	3.808	4.083	4.089
571	5.70	3.674	2.845	1.782	0.765	0.062	-0.182	-0.008	0.378	0.691	0.674
581	5.80	0.192	-0.741	-1.984	-3.330	-4.578	-5.574	-6.229	-6.512	-6.443	-6.096
591	5.90	-5.602	-5.134	-4.876	-4.956	-5.382	-6.006	-6.543	-6.659	-6.086	-4.735
601	6.00	-2.746	-0.447	1.755	3.520	4.692	5.339	5.703	6.085	6.708	7.623
611	6.10	8.688	9.625	10.126	9.961	9.052	7.479	5.442	3.185	0.932	-1.159
621	6.20	-3.005	-4.579	-5.879	-6.914	-7.688	-8.203	-8.471	-8.507	-8.336	-7.977
631	6.30	-7.451	-6.775	-5.980	-5.116	-4.248	-3.451	-2.775	-2.224	-1.744	-1.241
641	6.40	-0.615	0.186	1.129	2.090	2.888	3.357	3.415	3.121	2.665	2.312
651	6.50	2.309	2.789	3.717	4.900	6.058	6.930	7.361	7.363	7.093	6.789
661	6.60	6.676	6.884	7.398	8.067	8.648	8.877	8.541	7.533	5.886	3.765
671	6.70	1.442	-0.772	-2.598	-3.864	-4.554	-4.810	-4.882	-5.033	-5.446	-6.145
681	6.80	-6.997	-7.767	-8.220	-8.231	-7.832	-7.197	-6.564	-6.125	-5.944	-5.941
691	6.90	-5.937	-5.750	-5.277	-4.542	-3.672	-2.836	-2.168	-1.729	-1.504	-1.449
701	7.00	-1.533	-1.762	-2.156	-2.704	-3.317	-3.820	-3.997	-3.669	-2.770	-1.388
711	7.10	0.260	1.910	3.348	4.474	5.317	5.981	6.570	7.114	7.554	7.775
721	7.20	7.673	7.230	6.531	5.745	5.055	4.586	4.364	4.320	4.336	4.305
731	7.30	4.178	3.969	3.724	3.479	3.225	2.901	2.422	1.725	0.805	-0.274
741	7.40	-1.397	-2.440	-3.300	-3.924	-4.299	-4.438	-4.357	-4.067	-3.580	-2.929
751	7.50	-2.186	-1.463	-0.889	-0.581	-0.598	-0.919	-1.440	-1.992	-2.392	-2.484
761	7.60	-2.187	-1.517	-0.588	0.418	1.293	1.862	2.028	1.800	1.291	0.678
771	7.70	0.139	-0.209	-0.354	-0.391	-0.486	-0.795	-1.408	-2.293	-3.307	-4.247
781	7.80	-4.937	-5.294	-5.357	-5.270	-5.199	-5.257	-5.440	-5.619	-5.589	-5.154
791	7.90	-4.210	-2.790	-1.053	0.771	2.463	3.879	4.974	5.791	6.409	6.901
801	8.00	7.303	7.609	7.794	7.831	7.703	7.401	6.909	6.209	5.287	4.164
811	8.10	2.913	1.665	0.578	-0.217	-0.663	-0.815	-0.814	-0.846	-1.057	-1.508
821	8.20	-2.148	-2.849	-3.467	-3.898	-4.113	-4.144	-4.053	-3.878	-3.615	-3.228
831	8.30	-2.680	-1.977	-1.180	-0.387	0.302	0.830	1.201	1.465	1.681	1.879
841	8.40	2.047	2.144	2.140	2.047	1.927	1.857	1.889	2.004	2.118	2.116
851	8.50	1.924	1.561	1.147	0.859	0.841	1.129	1.614	2.074	2.262	2.011
861	8.60	1.295	0.230	-0.983	-2.154	-3.173	-4.033	-4.787	-5.488	-6.135	-6.661
871	8.70	-6.971	-7.010	-6.802	-6.450	-6.085	-5.789	-5.540	-5.210	-4.626	-3.655
881	8.80	-2.289	-0.668	0.960	2.335	3.279	3.759	3.884	3.849	3.849	4.017
891	8.90	4.394	4.940	5.578	6.229	6.827	7.317	7.641	7.732	7.529	6.998
901	9.00	6.149	5.066	3.784	2.458	1.142	-0.126	-1.329	-2.457	-3.484	-4.373
911	9.10	-5.086	-5.605	-5.942	-6.123	-6.173	-6.093	-5.854	-5.423	-4.787	-3.985
921	9.20	-3.100	-2.241	-1.489	-0.873	-0.354	0.139	0.662	1.220	1.757	2.191
931	9.30	2.469	2.607	2.700	2.872	3.207	3.688	4.179	4.477	4.400	3.872
941	9.40	2.977	1.925	0.971	0.311	0.007	-0.021	0.059	0.081	-0.042	-0.299
951	9.50	-0.607	-0.880	-1.091	-1.288	-1.568	-2.014	-2.636	-3.357	-4.037	-4.543
961	9.60	-4.799	-4.818	-4.679	-4.472	-4.246	-3.983	-3.609	-3.049	-2.278	-1.346
971	9.70	-0.368	0.524	1.232	1.733	2.073	2.341	2.618	2.939	3.284	3.591
981	9.80	3.786	3.818	3.672	3.367	2.954	2.495	2.059	1.710	1.495	1.430
991	9.90	1.486	1.588	1.629	1.507	1.171	0.648	0.068	-0.479	-0.791	-0.820

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

INDEX NO. 1998 S706-GR-1-5 U-D (U-D) SENDAIGAWA EMB. MAX. ACC. = 15.041 (GAL) T= 2.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.596	-0.232	0.123	0.349	0.400	0.314	0.175	0.065	0.017	-0.003
1011	10.10	-0.070	-0.257	-0.594	-1.065	-1.529	-1.957	-2.267	-2.448	-2.525	-2.536
1021	10.20	-2.495	-2.391	-2.199	-1.909	-1.556	-1.215	-0.977	-0.903	-0.990	-1.164
1031	10.30	-1.314	-1.345	-1.228	-1.016	-0.818	-0.742	-0.829	-1.024	-1.190	-1.165
1041	10.40	-0.839	-0.208	0.626	1.490	2.223	2.736	3.033	3.211	3.375	3.588
1051	10.50	3.828	3.993	3.954	3.612	2.951	2.052	1.062	0.144	-0.581	-1.060
1061	10.60	-1.311	-1.400	-1.401	-1.376	-1.354	-1.340	-1.322	-1.279	-1.181	-0.999
1071	10.70	-0.706	-0.295	0.213	0.755	1.246	1.600	1.771	1.777	1.698	1.651
1081	10.80	1.736	1.984	2.332	2.638	2.734	2.491	1.883	0.997	0.009	-0.884
1091	10.90	-1.534	-1.890	-2.001	-1.984	-1.956	-1.987	-2.076	-2.169	-2.200	-2.137
1101	11.00	-2.007	-1.876	-1.817	-1.853	-1.942	-1.986	-1.877	-1.564	-1.091	-0.596
1111	11.10	-0.262	-0.235	-0.550	-1.098	-1.654	-1.958	-1.826	-1.223	-0.293	0.692
1121	11.20	1.431	1.707	1.461	0.806	-0.026	-0.778	-1.255	-1.382	-1.200	-0.820
1131	11.30	-0.365	0.085	0.502	0.897	1.284	1.657	1.982	2.220	2.351	2.387
1141	11.40	2.369	2.339	2.314	2.271	2.157	1.918	1.532	1.033	0.495	0.007
1151	11.50	-0.363	-0.591	-0.691	-0.697	-0.631	-0.492	-0.264	0.054	0.421	0.748
1161	11.60	0.929	0.881	0.595	0.153	-0.305	-0.636	-0.772	-0.734	-0.641	-0.638
1171	11.70	-0.813	-1.145	-1.497	-1.678	-1.530	-1.013	-0.237	0.573	1.174	1.399
1181	11.80	1.228	0.787	0.288	-0.065	-0.162	-0.018	0.253	0.503	0.625	0.596
1191	11.90	0.471	0.348	0.307	0.374	0.516	0.666	0.763	0.784	0.741	0.673
1201	12.00	0.609	0.551	0.474	0.343	0.132	-0.160	-0.515	-0.917	-1.363	-1.877
1211	12.10	-2.486	-3.194	-3.954	-4.665	-5.186	-5.389	-5.200	-4.635	-3.794	-2.830
1221	12.20	-1.896	-1.100	-0.484	-0.023	0.337	0.651	0.953	1.248	1.527	1.779
1231	12.30	2.003	2.199	2.364	2.480	2.520	2.469	2.333	2.159	2.018	1.978
1241	12.40	2.070	2.265	2.476	2.596	2.539	2.286	1.898	1.489	1.182	1.052
1251	12.50	1.097	1.245	1.391	1.452	1.404	1.287	1.173	1.119	1.128	1.140
1261	12.60	1.058	0.803	0.357	-0.222	-0.820	-1.322	-1.659	-1.838	-1.927	-2.006
1271	12.70	-2.123	-2.261	-2.352	-2.327	-2.169	-1.943	-1.777	-1.806	-2.094	-2.582
1281	12.80	-3.091	-3.393	-3.302	-2.769	-1.909	-0.963	-0.196	0.220	0.274	0.120
1291	12.90	-0.004	0.109	0.531	1.165	1.787	2.154	2.121	1.713	1.113	0.580
1301	13.00	0.330	0.436	0.797	1.191	1.378	1.218	0.730	0.088	-0.463	-0.714
1311	13.10	-0.582	-0.135	0.443	0.944	1.223	1.251	1.108	0.929	0.830	0.851
1321	13.20	0.949	1.028	0.999	0.825	0.544	0.242	0.016	-0.082	-0.056	0.030
1331	13.30	0.096	0.078	-0.043	-0.242	-0.465	-0.661	-0.797	-0.865	-0.872	-0.828
1341	13.40	-0.739	-0.610	-0.452	-0.293	-0.170	-0.118	-0.150	-0.247	-0.359	-0.430
1351	13.50	-0.426	-0.350	-0.253	-0.209	-0.284	-0.503	-0.831	-1.102	-1.454	-1.557
1361	13.60	-1.452	-1.160	-0.750	-0.317	0.054	0.307	0.432	0.456	0.434	0.427
1371	13.70	0.480	0.612	0.801	0.995	1.121	1.114	0.944	0.629	0.243	-0.108
1381	13.80	-0.323	-0.346	-0.187	0.076	0.327	0.462	0.428	0.249	0.012	-0.171
1391	13.90	-0.213	-0.092	0.139	0.378	0.511	0.468	0.241	-0.112	-0.495	-0.817
1401	14.00	-1.026	-1.118	-1.127	-1.104	-1.081	-1.061	-1.019	-0.923	-0.751	-0.511
1411	14.10	-0.236	0.036	0.281	0.507	0.751	1.063	1.469	1.954	2.446	2.840
1421	14.20	3.033	2.968	2.658	2.190	1.689	1.273	1.007	0.886	0.848	0.815
1431	14.30	0.736	0.615	0.496	0.433	0.434	0.443	0.347	0.035	-0.540	-1.311
1441	14.40	-2.105	-2.699	-2.915	-2.705	-2.184	-1.587	-1.174	-1.115	-1.413	-1.903
1451	14.50	-2.329	-2.457	-2.184	-1.574	-0.830	-0.193	0.166	0.207	0.028	-0.201
1461	14.60	-0.327	-0.285	-0.112	0.088	0.214	0.222	0.153	0.096	0.142	0.326
1471	14.70	0.609	0.897	1.088	1.122	0.998	0.771	0.519	0.302	0.150	0.062
1481	14.80	0.024	0.032	0.092	0.213	0.385	0.568	0.700	0.719	0.589	0.323
1491	14.90	-0.025	-0.384	-0.691	-0.917	-1.072	-1.187	-1.288	-1.381	-1.445	-1.445

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

INDEX NO. 1998 S706-GR-1-5 U-D (U-D) SENDAIGAWA EMB. MAX. ACC. = 15.041 (GAL) T= 2.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.344	-1.126	-0.795	-0.373	0.107	0.610	1.095	1.523	1.855	2.065
1511	15.10	2.155	2.155	2.119	2.100	2.119	2.150	2.124	1.961	1.615	1.107
1521	15.20	0.531	0.018	-0.318	-0.433	-0.381	-0.287	-0.293	-0.485	-0.857	-1.306
1531	15.30	-1.681	-1.854	-1.778	-1.504	-1.160	-0.890	-0.793	-0.890	-1.127	-1.408
1541	15.40	-1.641	-1.777	-1.812	-1.778	-1.718	-1.662	-1.620	-1.592	-1.573	-1.557
1551	15.50	-1.536	-1.489	-1.388	-1.201	-0.913	-0.538	-0.126	0.258	0.558	0.758
1561	15.60	0.891	1.023	1.228	1.548	1.975	2.450	2.891	3.224	3.408	3.444
1571	15.70	3.360	3.188	2.947	2.639	2.260	1.815	1.331	0.853	0.429	0.090
1581	15.80	-0.156	-0.326	-0.446	-0.532	-0.583	-0.588	-0.534	-0.425	-0.283	-0.143
1591	15.90	-0.036	0.026	0.052	0.063	0.071	0.066	0.014	-0.129	-0.392	-0.764
1601	16.00	-1.196	-1.608	-1.920	-2.084	-2.101	-2.016	-1.900	-1.817	-1.803	-1.852
1611	16.10	-1.922	-1.956	-1.899	-1.718	-1.413	-1.015	-0.583	-0.191	0.091	0.218
1621	16.20	0.188	0.054	-0.088	-0.123	0.046	0.452	1.051	1.728	2.335	2.746
1631	16.30	2.903	2.833	2.631	2.416	2.272	2.216	2.193	2.113	1.901	1.539
1641	16.40	1.083	0.635	0.302	0.139	0.127	0.182	0.191	0.071	-0.197	-0.563
1651	16.50	-0.933	-1.220	-1.387	-1.462	-1.525	-1.662	-1.919	-2.273	-2.638	-2.902
1661	16.60	-2.974	-2.824	-2.494	-2.076	-1.671	-1.341	-1.093	-0.883	-0.641	-0.319
1671	16.70	0.093	0.560	1.027	1.450	1.822	2.169	2.532	2.934	3.350	3.707
1681	16.80	3.912	3.889	3.619	3.154	2.596	2.057	1.612	1.269	0.976	0.654
1691	16.90	0.245	-0.250	-0.767	-1.205	-1.477	-1.554	-1.486	-1.386	-1.381	-1.562
1701	17.00	-1.938	-2.434	-2.918	-3.246	-3.316	-3.096	-2.627	-2.005	-1.342	-0.745
1711	17.10	-0.285	0.002	0.113	0.072	-0.080	-0.295	-0.521	-0.714	-0.841	-0.890
1721	17.20	-0.860	-0.756	-0.585	-0.351	-0.058	0.277	0.617	0.907	1.092	1.132
1731	17.30	1.028	0.828	0.610	0.456	0.419	0.499	0.647	0.789	0.866	0.859
1741	17.40	0.800	0.750	0.767	0.868	1.017	1.135	1.137	0.975	0.665	0.279
1751	17.50	-0.079	-0.320	-0.405	-0.362	-0.265	-0.201	-0.230	-0.360	-0.550	-0.728
1761	17.60	-0.831	-0.827	-0.727	-0.574	-0.422	-0.311	-0.255	-0.243	-0.247	-0.238
1771	17.70	-0.198	-0.120	-0.008	0.134	0.304	0.501	0.723	0.959	1.192	1.397
1781	17.80	1.552	1.637	1.648	1.589	1.472	1.310	1.113	0.886	0.631	0.354
1791	17.90	0.065	-0.216	-0.466	-0.662	-0.791	-0.854	-0.870	-0.869	-0.885	-0.944
1801	18.00	-1.051	-1.188	-1.320	-1.404	-1.404	-1.304	-1.118	-0.876	-0.621	-0.393
1811	18.10	-0.216	-0.095	-0.023	0.015	0.025	0.009	-0.040	-0.127	-0.249	-0.390
1821	18.20	-0.527	-0.629	-0.675	-0.654	-0.570	-0.442	-0.296	-0.158	-0.050	0.013
1831	18.30	0.029	0.007	-0.026	-0.037	0.007	0.132	0.333	0.580	0.814	0.970
1841	18.40	0.999	0.891	0.684	0.454	0.285	0.236	0.310	0.453	0.574	0.580
1851	18.50	0.424	0.124	-0.239	-0.553	-0.723	-0.706	-0.536	-0.296	-0.089	0.016
1861	18.60	0.008	-0.065	-0.125	-0.100	0.035	0.247	0.462	0.600	0.608	0.488
1871	18.70	0.289	0.092	-0.023	-0.005	0.160	0.444	0.792	1.135	1.393	1.497
1881	18.80	1.395	1.074	0.575	-0.005	-0.529	-0.861	-0.918	-0.710	-0.351	-0.026
1891	18.90	0.082	-0.138	-0.665	-1.354	-1.982	-2.343	-2.330	-1.977	-1.441	-0.930
1901	19.00	-0.612	-0.543	-0.651	-0.775	-0.748	-0.467	0.060	0.724	1.373	1.876
1911	19.10	2.168	2.269	2.247	2.181	2.118	2.057	1.968	1.815	1.584	1.291
1921	19.20	0.971	0.656	0.361	0.082	-0.195	-0.477	-0.757	-1.015	-1.231	-1.398
1931	19.30	-1.524	-1.621	-1.688	-1.706	-1.638	-1.451	-1.138	-0.733	-0.303	0.075
1941	19.40	0.352	0.523	0.623	0.706	0.802	0.894	0.924	0.823	0.560	0.171
1951	19.50	-0.241	-0.540	-0.622	-0.459	-0.123	0.252	0.521	0.596	0.481	0.259
1961	19.60	0.047	-0.064	-0.052	0.036	0.114	0.114	0.018	-0.132	-0.266	-0.329
1971	19.70	-0.316	-0.271	-0.266	-0.348	-0.511	-0.695	-0.811	-0.802	-0.671	-0.492
1981	19.80	-0.376	-0.410	-0.611	-0.906	-1.161	-1.242	-1.071	-0.667	-0.135	0.382
1991	19.90	0.759	0.939	0.943	0.844	0.725	0.637	0.593	0.574	0.562	0.560

Table 7-2-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1998 S706-GR-1-5 U-D (U-D) SENDAIGAWA EMB. MAX. ACC. = 15.041 (GAL) T= 2.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.593	0.688	0.846	1.023	1.137	1.106	0.887	0.504	0.046	-0.369
2011	20.10	-0.648	-0.762	-0.755	-0.715	-0.717	-0.787	-0.873	-0.881	-0.725	-0.379
2021	20.20	0.095	0.572	0.918	1.059	1.014	0.889	0.820	0.899	1.126	1.403
2031	20.30	1.584	1.555	1.293	0.888	0.497	0.266	0.252	0.391	0.524	0.487
2041	20.40	0.190	-0.320	-0.885	-1.305	-1.444	-1.301	-1.015	-0.801	-0.837	-1.176
2051	20.50	-1.716	-2.244	-2.542	-2.492	-2.133	-1.631	-1.198	-0.981	-0.993	-1.119
2061	20.60	-1.182	-1.050	-0.709	-0.271	0.090	0.232	0.132	-0.096	-0.262	-0.190
2071	20.70	0.179	0.759	1.355	1.760	1.857	1.668	1.340	1.061	0.964	1.067
2081	20.80	1.269	1.423	1.416	1.231	0.957	0.728	0.649	0.733	0.892	0.992
2091	20.90	0.924	0.670	0.309	-0.022	-0.207	-0.213	-0.106	-0.014	-0.054	-0.265
2101	21.00	-0.582	-0.874	-1.010	-0.932	-0.688	-0.413	-0.258	-0.319	-0.590	-0.968
2111	21.10	-1.307	-1.481	-1.441	-1.225	-0.930	-0.653	-0.451	-0.318	-0.203	-0.046
2121	21.20	0.183	0.473	0.774	1.024	1.179	1.225	1.178	1.075	0.957	0.860
2131	21.30	0.809	0.820	0.869	0.994	1.087	1.107	0.998	0.732	0.334	-0.127
2141	21.40	-0.553	-0.860	-1.013	-1.036	-0.997	-0.973	-1.008	-1.087	-1.149	-1.123
2151	21.50	-0.974	-0.729	-0.474	-0.315	-0.325	-0.505	-0.776	-1.013	-1.101	-0.989
2161	21.60	-0.707	-0.358	-0.060	0.098	0.097	-0.019	-0.164	-0.261	-0.271	-0.204
2171	21.70	-0.100	-0.004	0.060	0.095	0.120	0.150	0.187	0.217	0.228	0.226
2181	21.80	0.239	0.310	0.465	0.693	0.935	1.101	1.105	0.906	0.530	0.071
2191	21.90	-0.347	-0.617	-0.694	-0.606	-0.437	-0.285	-0.214	-0.225	-0.255	-0.221
2201	22.00	-0.056	0.243	0.613	0.946	1.137	1.138	0.981	0.764	0.617	0.633
2211	22.10	0.833	1.148	1.449	1.606	1.544	1.276	0.895	0.531	0.287	0.194
2221	22.20	0.193	0.175	0.029	-0.292	-0.745	-1.213	-1.561	-1.694	-1.608	-1.387
2231	22.30	-1.165	-1.057	-1.107	-1.258	-1.392	-1.382	-1.161	-0.762	-0.299	0.079
2241	22.40	0.263	0.234	0.072	-0.084	-0.105	0.065	0.383	0.726	0.946	0.945
2251	22.50	0.713	0.336	-0.045	-0.300	-0.359	-0.241	-0.033	0.153	0.233	0.186
2261	22.60	0.056	-0.080	-0.144	-0.097	0.052	0.258	0.466	0.636	0.752	0.823
2271	22.70	0.858	0.855	0.800	0.675	0.482	0.258	0.074	0.012	0.131	0.428
2281	22.80	0.829	1.200	1.400	1.332	0.990	0.464	-0.087	-0.502	-0.682	-0.632
2291	22.90	-0.455	-0.306	-0.317	-0.535	-0.900	-1.271	-1.494	-1.472	-1.219	-0.851
2301	23.00	-0.531	-0.399	-0.497	-0.759	-1.033	-1.163	-1.056	-0.727	-0.292	0.095
2311	23.10	0.308	0.306	0.143	-0.064	-0.199	-0.199	-0.074	0.111	0.281	0.392
2321	23.20	0.452	0.499	0.571	0.669	0.749	0.743	0.602	0.333	0.004	-0.280
2331	23.30	-0.431	-0.422	-0.303	-0.178	-0.152	-0.274	-0.512	-0.764	-0.914	-0.889
2341	23.40	-0.697	-0.422	-0.177	-0.045	-0.032	-0.064	-0.028	0.172	0.554	1.043
2351	23.50	1.503	1.793	1.835	1.644	1.317	0.989	0.771	0.701	0.746	0.822
2361	23.60	0.849	0.789	0.663	0.528	0.439	0.412	0.408	0.347	0.153	-0.210
2371	23.70	-0.702	-1.222	-1.636	-1.831	-1.759	-1.456	-1.028	-0.614	-0.338	-0.261
2381	23.80	-0.374	-0.602	-0.842	-1.003	-1.033	-0.938	-0.763	-0.572	-0.412	-0.297
2391	23.90	-0.204	-0.089	0.086	0.332	0.625	0.909	1.123	1.224	1.205	1.095
2401	24.00	0.944	0.798	0.681	0.587	0.489	0.358	0.184	-0.022	-0.225	-0.388
2411	24.10	-0.489	-0.530	-0.537	-0.545	-0.580	-0.647	-0.732	-0.811	-0.863	-0.885
2421	24.20	-0.885	-0.885	-0.899	-0.934	-0.978	-1.014	-1.027	-1.006	-0.947	-0.852
2431	24.30	-0.719	-0.546	-0.332	-0.088	0.164	0.394	0.576	0.702	0.790	0.877
2441	24.40	1.006	1.199	1.445	1.697	1.887	1.958	1.885	1.687	1.423	1.159
2451	24.50	0.949	0.810	0.722	0.647	0.547	0.406	0.233	0.050	-0.123	-0.279
2461	24.60	-0.428	-0.582	-0.739	-0.876	-0.949	-0.919	-0.771	-0.531	-0.268	-0.067
2471	24.70	0.005	-0.072	-0.263	-0.483	-0.638	-0.664	-0.569	-0.342	-0.129	0.001
2481	24.80	0.001	-0.122	-0.307	-0.463	-0.510	-0.410	-0.181	0.112	0.381	0.552
2491	24.90	0.594	0.523	0.398	0.292	0.265	0.333	0.473	0.624	0.722	0.726

Table 7-2-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1998 S706-GR-1-5 U-D (U-D) SENDAIGAWA EMB. MAX. ACC. = 15.041 (GAL) T= 2.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.634	0.486	0.344	0.262	0.259	0.310	0.353	0.319	0.161	-0.117
2511	25.10	-0.460	-0.780	-0.990	-1.042	-0.944	-0.758	-0.573	-0.465	-0.476	-0.589
2521	25.20	-0.749	-0.883	-0.935	-0.883	-0.745	-0.565	-0.389	-0.248	-0.147	-0.070
2531	25.30	0.002	0.082	0.164	0.231	0.259	0.235	0.164	0.067	-0.023	-0.072
2541	25.40	-0.062	0.013	0.138	0.290	0.440	0.559	0.626	0.630	0.571	0.461
2551	25.50	0.327	0.205	0.133	0.142	0.241	0.416	0.621	0.794	0.871	0.807
2561	25.60	0.592	0.260	-0.123	-0.476	-0.729	-0.846	-0.836	-0.743	-0.627	-0.539
2571	25.70	-0.496	-0.480	-0.450	-0.368	-0.218	-0.026	0.158	0.277	0.302	0.249
2581	25.80	0.178	0.162	0.259	0.472	0.747	0.996	1.129	1.105	0.946	0.732
2591	25.90	0.557	0.485	0.514	0.578	0.575	0.423	0.102	-0.332	-0.771	-1.102
2601	26.00	-1.265	-1.271	-1.197	-1.138	-1.155	-1.238	-1.315	-1.287	-1.089	-0.730
2611	26.10	-0.295	0.087	0.305	0.322	0.191	0.034	-0.022	0.098	0.380	0.727
2621	26.20	1.006	1.115	1.024	0.789	0.516	0.309	0.222	0.237	0.278	0.257
2631	26.30	0.118	-0.137	-0.452	-0.743	-0.937	-0.997	-0.932	-0.775	-0.569	-0.344
2641	26.40	-0.116	0.105	0.306	0.462	0.545	0.539	0.452	0.315	0.178	0.085
2651	26.50	0.060	0.099	0.173	0.247	0.290	0.285	0.227	0.114	-0.049	-0.252
2661	26.60	-0.472	-0.666	-0.781	-0.769	-0.611	-0.338	-0.024	0.238	0.373	0.362
2671	26.70	0.251	0.138	0.122	0.259	0.526	0.831	1.048	1.074	0.878	0.518
2681	26.80	0.113	-0.204	-0.343	-0.294	-0.123	0.060	0.154	0.110	-0.056	-0.271
2691	26.90	-0.445	-0.506	-0.426	-0.230	0.023	0.264	0.436	0.511	0.493	0.407
2701	27.00	0.294	0.193	0.133	0.127	0.167	0.231	0.287	0.307	0.275	0.190
2711	27.10	0.063	-0.087	-0.242	-0.390	-0.518	-0.611	-0.646	-0.603	-0.478	-0.295
2721	27.20	-0.109	0.003	-0.019	-0.193	-0.469	-0.742	-0.887	-0.814	-0.511	-0.060
2731	27.30	0.396	0.705	0.774	0.606	0.293	-0.034	-0.259	-0.338	-0.299	-0.218
2741	27.40	-0.162	-0.150	-0.141	-0.071	0.102	0.356	0.597	0.704	0.590	0.250
2751	27.50	-0.219	-0.657	-0.910	-0.898	-0.649	-0.280	0.066	0.280	0.338	0.289
2761	27.60	0.218	0.185	0.192	0.185	0.099	-0.096	-0.362	-0.608	-0.730	-0.675
2771	27.70	-0.473	-0.225	-0.056	-0.048	-0.193	-0.398	-0.525	-0.468	-0.199	0.208
2781	27.80	0.621	0.906	0.994	0.906	0.733	0.588	0.549	0.627	0.773	0.909
2791	27.90	0.976	0.959	0.882	0.789	0.707	0.635	0.550	0.425	0.261	0.091
2801	28.00	-0.035	-0.078	-0.037	0.042	0.083	0.021	-0.169	-0.457	-0.763	-1.002
2811	28.10	-1.114	-1.091	-0.974	-0.825	-0.700	-0.619	-0.564	-0.498	-0.393	-0.247
2821	28.20	-0.089	0.033	0.079	0.035	-0.078	-0.211	-0.309	-0.335	-0.280	-0.164
2831	28.30	-0.026	0.090	0.157	0.164	0.124	0.066	0.021	0.014	0.052	0.121
2841	28.40	0.191	0.223	0.188	0.083	-0.066	-0.208	-0.285	-0.254	-0.111	0.111
2851	28.50	0.347	0.529	0.610	0.583	0.476	0.338	0.212	0.120	0.054	-0.012
2861	28.60	-0.102	-0.223	-0.357	-0.476	-0.550	-0.567	-0.537	-0.480	-0.412	-0.338
2871	28.70	-0.246	-0.121	0.038	0.208	0.343	0.397	0.343	0.195	0.009	-0.140
2881	28.80	-0.184	-0.096	0.098	0.333	0.527	0.622	0.600	0.488	0.339	0.204
2891	28.90	0.111	0.052	-0.002	-0.083	-0.203	-0.348	-0.484	-0.577	-0.608	-0.584
2901	29.00	-0.531	-0.480	-0.448	-0.431	-0.406	-0.348	-0.246	-0.112	0.018	0.104
2911	29.10	0.117	0.054	-0.054	-0.159	-0.215	-0.194	-0.103	0.023	0.132	0.180
2921	29.20	0.141	0.025	-0.137	-0.297	-0.413	-0.460	-0.436	-0.359	-0.251	-0.135
2931	29.30	-0.018	0.102	0.237	0.392	0.563	0.729	0.860	0.928	0.917	0.834
2941	29.40	0.708	0.578	0.477	0.424	0.408	0.401	0.368	0.283	0.147	-0.014
2951	29.50	-0.159	-0.250	-0.265	-0.215	-0.133	-0.059	-0.024	-0.033	-0.068	-0.096
2961	29.60	-0.086	-0.030	0.057	0.141	0.191	0.188	0.141	0.079	0.037	0.035
2971	29.70	0.072	0.121	0.146	0.120	0.043	-0.057	-0.129	-0.126	-0.021	0.173
2981	29.80	0.413	0.631	0.767	0.785	0.692	0.528	0.358	0.243	0.218	0.280
2991	29.90	0.386	0.470	0.467	0.340	0.091	-0.228	-0.537	-0.755	-0.827	-0.745

Table 7-2-7

TABLE OF CORRECTED ACCELERATION RECORD — NO. 7

INDEX NO. 1998 S706-GR-1-5 U-D (U-D) SENDAIGAWA EMB. MAX. ACC. = 15.041 (GAL) T= 2.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.558	-0.348	-0.202	-0.179	-0.291	-0.496	-0.723	-0.901	-0.987	-0.982
3011	30.10	-0.920	-0.852	-0.812	-0.810	-0.824	-0.819	-0.769	-0.671	-0.547	-0.431
3021	30.20	-0.349	-0.304	-0.277	-0.239	-0.167	-0.066	0.048	0.134	0.169	0.152
3031	30.30	0.106	0.068	0.064	0.102	0.164	0.226	0.270	0.305	0.361	0.473
3041	30.40	0.658	0.897	1.137	1.306	1.351	1.259	1.069	0.856	0.697	0.640
3051	30.50	0.682	0.773	0.844	0.834	0.720	0.524	0.294	0.088	-0.055	-0.127
3061	30.60	-0.147	-0.144	-0.148	-0.172	-0.216	-0.271	-0.323	-0.361	-0.373	-0.350
3071	30.70	-0.281	-0.163	-0.010	0.148	0.265	0.293	0.203	-0.003	-0.265	-0.573
3081	30.80	-0.793	-0.888	-0.842	-0.682	-0.470	-0.282	-0.181	-0.200	-0.329	-0.520
3091	30.90	-0.703	-0.806	-0.780	-0.615	-0.345	-0.043	0.205	0.325	0.281	0.089
3101	31.00	-0.187	-0.456	-0.635	-0.676	-0.585	-0.415	-0.248	-0.154	-0.171	-0.288
3111	31.10	-0.452	-0.591	-0.643	-0.574	-0.392	-0.140	0.118	0.311	0.386	0.315
3121	31.20	0.111	-0.172	-0.446	-0.608	-0.571	-0.298	0.175	0.738	1.234	1.511
3131	31.30	1.482	1.163	0.678	0.214	-0.042	0.019	0.384	0.923	1.439	1.749
3141	31.40	1.751	1.462	1.002	0.540	0.222	0.116	0.198	0.373	0.529	0.583
3151	31.50	0.514	0.359	0.180	0.031	-0.066	-0.126	-0.179	-0.250	-0.338	-0.417
3161	31.60	-0.451	-0.416	-0.316	-0.181	-0.056	0.026	0.053	0.038	0.008	-0.022
3171	31.70	-0.060	-0.138	-0.293	-0.546	-0.875	-1.214	-1.467	-1.542	-1.394	-1.043
3181	31.80	-0.579	-0.136	0.155	0.212	0.028	-0.329	-0.738	-1.070	-1.235	-1.205
3191	31.90	-1.017	-0.754	-0.506	-0.342	-0.283	-0.306	-0.361	-0.394	-0.374	-0.299
3201	32.00	-0.193	-0.095	-0.038	-0.035	-0.078	-0.139	-0.182	-0.177	-0.108	0.025
3211	32.10	0.206	0.406	0.594	0.742	0.833	0.867	0.857	0.832	0.823	0.856
3221	32.20	0.939	1.059	1.181	1.265	1.274	1.192	1.032	0.831	0.641	0.508
3231	32.30	0.460	0.492	0.575	0.659	0.695	0.649	0.514	0.309	0.074	-0.147
3241	32.40	-0.318	-0.423	-0.469	-0.484	-0.502	-0.549	-0.636	-0.752	-0.868	-0.951
3251	32.50	-0.973	-0.926	-0.820	-0.684	-0.552	-0.452	-0.399	-0.394	-0.425	-0.477
3261	32.60	-0.538	-0.597	-0.643	-0.666	-0.641	-0.556	-0.398	-0.176	0.082	0.329
3271	32.70	0.514	0.600	0.577	0.466	0.313	0.171	0.081	0.060	0.094	0.150
3281	32.80	0.191	0.191	0.145	0.068	-0.015	-0.078	-0.108	-0.101	-0.069	-0.024
3291	32.90	0.023	0.067	0.108	0.147	0.185	0.217	0.241	0.252	0.251	0.241
3301	33.00	0.228	0.217	0.214	0.221	0.239	0.267	0.300	0.330	0.342	0.323
3311	33.10	0.258	0.147	0.000	-0.157	-0.293	-0.377	-0.396	-0.354	-0.274	-0.184
3321	33.20	-0.109	-0.058	-0.020	0.023	0.089	0.184	0.292	0.387	0.443	0.449
3331	33.30	0.417	0.376	0.366	0.405	0.502	0.630	0.750	0.827	0.839	0.792
3341	33.40	0.706	0.608	0.515	0.427	0.333	0.222	0.094	-0.037	-0.146	-0.211
3351	33.50	-0.231	-0.223	-0.223	-0.264	-0.358	-0.492	-0.627	-0.723	-0.754	-0.727
3361	33.60	-0.675	-0.647	-0.678	-0.775	-0.910	-1.038	-1.119	-1.134	-1.098	-1.046
3371	33.70	-1.012	-1.005	-1.006	-0.971	-0.860	-0.657	-0.386	-0.109	0.112	0.228
3381	33.80	0.233	0.162	0.077	0.035	0.070	0.179	0.329	0.483	0.614	0.722
3391	33.90	0.825	0.945	1.088	1.241	1.370	1.438	1.423	1.328	1.178	1.014
3401	34.00	0.870	0.768	0.707	0.673	0.648	0.616	0.569	0.501	0.408	0.284
3411	34.10	0.126	-0.060	-0.260	-0.450	-0.602	-0.702	-0.746	-0.748	-0.732	-0.716
3421	34.20	-0.708	-0.705	-0.693	-0.662	-0.610	-0.547	-0.487	-0.442	-0.412	-0.386
3431	34.30	-0.350	-0.299	-0.239	-0.189	-0.171	-0.193	-0.248	-0.307	-0.336	-0.312
3441	34.40	-0.233	-0.119	-0.007	0.071	0.102	0.094	0.072	0.061	0.071	0.095
3451	34.50	0.113	0.104	0.063	0.006	-0.042	-0.059	-0.043	-0.011	0.003	-0.027
3461	34.60	-0.104	-0.202	-0.277	-0.290	-0.226	-0.111	0.002	0.052	0.006	-0.127
3471	34.70	-0.297	-0.432	-0.474	-0.404	-0.247	-0.065	0.080	0.150	0.146	0.103
3481	34.80	0.067	0.068	0.105	0.153	0.176	0.154	0.099	0.045	0.037	0.098
3491	34.90	0.218	0.355	0.452	0.468	0.398	0.281	0.175	0.137	0.189	0.312

Table 7-2-8

TABLE OF CORRECTED ACCELERATION RECORD — NO. 8

INDEX NO. 1998 S706-GR-1-5 U-D (U-D) SENDAIGAWA EMB. MAX. ACC. = 15.041 (GAL) T= 2.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.451	0.545	0.552	0.474	0.348	0.234	0.180	0.207	0.299	0.411
3511	35.10	0.493	0.506	0.437	0.296	0.106	-0.108	-0.321	-0.515	-0.666	-0.752
3521	35.20	-0.751	-0.659	-0.496	-0.311	-0.171	-0.133	-0.225	-0.426	-0.668	-0.861
3531	35.30	-0.926	-0.832	-0.605	-0.328	-0.099	0.001	-0.055	-0.229	-0.431	-0.561
3541	35.40	-0.544	-0.362	-0.064	0.259	0.504	0.599	0.529	0.336	0.110	-0.054
3551	35.50	-0.088	0.021	0.229	0.448	0.582	0.562	0.376	0.078	-0.229	-0.426
3561	35.60	-0.425	-0.201	0.194	0.638	0.984	1.109	0.958	0.568	0.056	-0.418
3571	35.70	-0.711	-0.746	-0.536	-0.180	0.179	0.410	0.440	0.277	0.006	-0.252
3581	35.80	-0.389	-0.351	-0.154	0.128	0.396	0.567	0.605	0.530	0.401	0.286
3591	35.90	0.237	0.265	0.344	0.428	0.469	0.440	0.341	0.198	0.044	-0.087
3601	36.00	-0.177	-0.221	-0.224	-0.192	-0.134	-0.056	0.029	0.104	0.147	0.136
3611	36.10	0.064	-0.061	-0.209	-0.340	-0.418	-0.420	-0.350	-0.234	-0.110	-0.013
3621	36.20	0.037	0.039	0.012	-0.021	-0.044	-0.052	-0.053	-0.059	-0.079	-0.108
3631	36.30	-0.132	-0.133	-0.100	-0.039	0.030	0.079	0.086	0.047	-0.019	-0.081
3641	36.40	-0.107	-0.083	-0.019	0.051	0.084	0.050	-0.055	-0.199	-0.330	-0.393
3651	36.50	-0.353	-0.211	-0.005	0.208	0.372	0.452	0.445	0.374	0.275	0.179
3661	36.60	0.103	0.051	0.019	0.009	0.032	0.101	0.220	0.371	0.515	0.602
3671	36.70	0.591	0.473	0.280	0.078	-0.062	-0.095	-0.024	0.094	0.177	0.152
3681	36.80	-0.006	-0.259	-0.517	-0.678	-0.671	-0.492	-0.205	0.078	0.249	0.247
3691	36.90	0.082	-0.170	-0.406	-0.534	-0.513	-0.364	-0.151	0.050	0.181	0.223
3701	37.00	0.191	0.122	0.047	-0.019	-0.076	-0.131	-0.186	-0.230	-0.246	-0.224
3711	37.10	-0.169	-0.106	-0.067	-0.080	-0.149	-0.253	-0.355	-0.418	-0.424	-0.380
3721	37.20	-0.315	-0.259	-0.233	-0.232	-0.235	-0.216	-0.161	-0.078	0.007	0.065
3731	37.30	0.077	0.048	0.004	-0.018	0.010	0.098	0.232	0.382	0.514	0.609
3741	37.40	0.658	0.668	0.651	0.614	0.562	0.493	0.408	0.314	0.222	0.146
3751	37.50	0.095	0.069	0.063	0.067	0.069	0.060	0.028	-0.038	-0.148	-0.307
3761	37.60	-0.504	-0.711	-0.886	-0.985	-0.980	-0.874	-0.703	-0.527	-0.401	-0.358
3771	37.70	-0.390	-0.454	-0.491	-0.455	-0.332	-0.150	0.043	0.198	0.290	0.333
3781	37.80	0.362	0.418	0.520	0.655	0.783	0.856	0.846	0.759	0.634	0.523
3791	37.90	0.463	0.464	0.499	0.523	0.495	0.401	0.259	0.107	-0.011	-0.073
3801	38.00	-0.086	-0.080	-0.097	-0.165	-0.291	-0.457	-0.633	-0.789	-0.910	-0.992
3811	38.10	-1.040	-1.055	-1.033	-0.963	-0.862	-0.677	-0.493	-0.324	-0.200	-0.129
3821	38.20	-0.097	-0.069	-0.007	0.113	0.285	0.476	0.639	0.733	0.741	0.678
3831	38.30	0.579	0.487	0.429	0.408	0.403	0.389	0.345	0.274	0.200	0.152
3841	38.40	0.153	0.201	0.270	0.321	0.318	0.250	0.130	-0.003	-0.112	-0.171
3851	38.50	-0.182	-0.168	-0.161	-0.181	-0.229	-0.281	-0.305	-0.280	-0.206	-0.106
3861	38.60	-0.018	0.026	0.016	-0.033	-0.086	-0.105	-0.071	0.013	0.123	0.226
3871	38.70	0.298	0.327	0.322	0.297	0.264	0.226	0.181	0.127	0.072	0.035
3881	38.80	0.035	0.083	0.173	0.274	0.349	0.364	0.307	0.191	0.050	-0.083
3891	38.90	-0.185	-0.254	-0.303	-0.348	-0.393	-0.429	-0.438	-0.410	-0.353	-0.294
3901	39.00	-0.269	-0.297	-0.374	-0.461	-0.506	-0.468	-0.339	-0.155	0.024	0.134
3911	39.10	0.145	0.071	-0.038	-0.119	-0.132	-0.073	0.024	0.112	0.164	0.183
3921	39.20	0.203	0.265	0.383	0.529	0.640	0.650	0.525	0.288	0.021	-0.178
3931	39.30	-0.234	-0.138	0.052	0.232	0.309	0.245	0.076	-0.109	-0.209	-0.171
3941	39.40	-0.011	0.191	0.332	0.340	0.213	0.014	-0.155	-0.214	-0.137	0.028
3951	39.50	0.193	0.272	0.229	0.091	-0.061	-0.146	-0.115	0.014	0.172	0.276
3961	39.60	0.269	0.150	-0.025	-0.180	-0.251	-0.225	-0.138	-0.053	-0.025	-0.072
3971	39.70	-0.166	-0.252	-0.284	-0.248	-0.173	-0.114	-0.118	-0.200	-0.326	-0.436
3981	39.80	-0.468	-0.396	-0.242	-0.066	0.063	0.102	0.057	-0.023	-0.071	-0.036
3991	39.90	0.090	0.269	0.434	0.524	0.509	0.407	0.271	0.163	0.124	0.159

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

INDEX NO. 1998 S706-GR-1-5 U-D (U-D) SENDAIGAWA EMB. MAX. ACC. = 15.041 (GAL) T= 2.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.238	0.312	0.342	0.311	0.229	0.124	0.022	-0.066	-0.142	-0.220
4011	40.10	-0.304	-0.383	-0.429	-0.413	-0.321	-0.165	0.012	0.153	0.212	0.168
4021	40.20	0.040	-0.121	-0.255	-0.318	-0.299	-0.229	-0.162	-0.153	-0.232	-0.389
4031	40.30	-0.573	-0.718	-0.765	-0.688	-0.505	-0.270	-0.053	0.087	0.127	0.085
4041	40.40	0.010	-0.041	-0.026	0.063	0.201	0.342	0.438	0.463	0.422	0.341
4051	40.50	0.257	0.199	0.175	0.173	0.171	0.155	0.128	0.110	0.129	0.203
4061	40.60	0.329	0.475	0.597	0.654	0.631	0.542	0.430	0.342	0.314	0.351
4071	40.70	0.424	0.491	0.510	0.461	0.354	0.221	0.101	0.019	-0.021	-0.037
4081	40.80	-0.055	-0.093	-0.153	-0.224	-0.284	-0.325	-0.350	-0.378	-0.431	-0.523
4091	40.90	-0.646	-0.772	-0.867	-0.906	-0.881	-0.811	-0.725	-0.650	-0.598	-0.558
4101	41.00	-0.503	-0.411	-0.273	-0.107	0.051	0.162	0.204	0.177	0.108	0.032
4111	41.10	-0.025	-0.054	-0.072	-0.103	-0.164	-0.247	-0.321	-0.342	-0.275	-0.113
4121	41.20	0.113	0.346	0.520	0.590	0.551	0.436	0.303	0.213	0.205	0.285
4131	41.30	0.428	0.591	0.735	0.833	0.878	0.874	0.831	0.752	0.639	0.497
4141	41.40	0.335	0.176	0.042	-0.043	-0.074	-0.061	-0.033	-0.020	-0.048	-0.126
4151	41.50	-0.249	-0.398	-0.550	-0.686	-0.793	-0.864	-0.892	-0.874	-0.808	-0.698
4161	41.60	-0.557	-0.605	-0.260	-0.137	-0.041	0.033	0.087	0.124	0.134	0.106
4171	41.70	0.035	-0.068	-0.176	-0.248	-0.252	-0.177	-0.048	0.083	0.158	0.137
4181	41.80	0.021	-0.143	-0.282	-0.329	-0.248	-0.059	0.175	0.372	0.468	0.440
4191	41.90	0.317	0.158	0.026	-0.042	-0.048	-0.025	-0.013	-0.037	-0.088	-0.134
4201	42.00	-0.135	-0.072	0.040	0.156	0.220	0.195	0.081	-0.081	-0.224	-0.284
4211	42.10	-0.230	-0.071	0.141	0.339	0.468	0.501	0.448	0.346	0.240	0.169
4221	42.20	0.152	0.188	0.263	0.356	0.448	0.520	0.554	0.535	0.458	0.326
4231	42.30	0.162	0.002	-0.115	-0.160	-0.129	-0.046	0.048	0.106	0.102	0.034
4241	42.40	-0.068	-0.164	-0.216	-0.212	-0.168	-0.121	-0.109	-0.152	-0.242	-0.345
4251	42.50	-0.418	-0.429	-0.372	-0.271	-0.169	-0.105	-0.103	-0.158	-0.242	-0.320
4261	42.60	-0.364	-0.365	-0.333	-0.286	-0.238	-0.192	-0.142	-0.077	0.004	0.089
4271	42.70	0.155	0.177	0.144	0.065	-0.032	-0.112	-0.148	-0.129	-0.067	0.014
4281	42.80	0.090	0.151	0.199	0.248	0.304	0.366	0.417	0.436	0.409	0.343
4291	42.90	0.262	0.201	0.188	0.230	0.309	0.390	0.438	0.433	0.382	0.313
4301	43.00	0.256	0.234	0.245	0.270	0.281	0.263	0.216	0.163	0.129	0.132
4311	43.10	0.168	0.212	0.229	0.194	0.104	-0.019	-0.136	-0.210	-0.223	-0.182
4321	43.20	-0.115	-0.058	-0.040	-0.067	-0.130	-0.205	-0.273	-0.321	-0.350	-0.368
4331	43.30	-0.383	-0.398	-0.412	-0.416	-0.409	-0.388	-0.360	-0.331	-0.304	-0.282
4341	43.40	-0.265	-0.253	-0.250	-0.261	-0.288	-0.327	-0.366	-0.386	-0.374	-0.324
4351	43.50	-0.243	-0.152	-0.073	-0.026	-0.017	-0.041	-0.082	-0.120	-0.140	-0.130
4361	43.60	-0.088	-0.015	0.085	0.201	0.317	0.412	0.464	0.458	0.391	0.281
4371	43.70	0.158	0.058	0.009	0.017	0.068	0.135	0.186	0.202	0.183	0.144
4381	43.80	0.105	0.079	0.066	0.054	0.026	-0.026	-0.093	-0.153	-0.178	-0.151
4391	43.90	-0.071	0.040	0.147	0.217	0.231	0.186	0.100	-0.004	-0.104	-0.189
4401	44.00	-0.257	-0.309	-0.343	-0.352	-0.325	-0.255	-0.144	-0.008	0.125	0.228
4411	44.10	0.279	0.276	0.234	0.177	0.133	0.124	0.154	0.219	0.304	0.392
4421	44.20	0.473	0.541	0.596	0.640	0.672	0.690	0.688	0.665	0.622	0.564
4431	44.30	0.500	0.438	0.382	0.327	0.258	0.159	0.016	-0.176	-0.403	-0.639
4441	44.40	-0.843	-0.977	-1.016	-0.957	-0.820	-0.648	-0.488	-0.381	-0.346	-0.377
4451	44.50	-0.445	-0.516	-0.555	-0.547	-0.496	-0.424	-0.356	-0.314	-0.307	-0.328
4461	44.60	-0.360	-0.383	-0.385	-0.360	-0.311	-0.247	-0.175	-0.100	-0.021	0.063
4471	44.70	0.152	0.242	0.330	0.408	0.472	0.521	0.555	0.576	0.582	0.573
4481	44.80	0.546	0.501	0.443	0.378	0.316	0.263	0.217	0.172	0.118	0.047
4491	44.90	-0.042	-0.139	-0.228	-0.291	-0.317	-0.304	-0.263	-0.214	-0.173	-0.150

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

INDEX NO. 1998 S706-GR-1-5 U-D (U-D) SENDAIGAWA EMB. MAX. ACC. = 15.041 (GAL) T= 2.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.144	-0.144	-0.139	-0.120	-0.087	-0.046	-0.009	0.019	0.037	0.049
4511	45.10	0.062	0.077	0.090	0.093	0.078	0.044	-0.003	-0.052	-0.093	-0.127
4521	45.20	-0.163	-0.217	-0.302	-0.417	-0.542	-0.662	-0.680	-0.636	-0.514	-0.345
4531	45.30	-0.179	-0.064	-0.025	-0.061	-0.137	-0.206	-0.226	-0.174	-0.059	0.088
4541	45.40	0.226	0.319	0.354	0.340	0.305	0.282	0.299	0.365	0.470	0.585
4551	45.50	0.671	0.695	0.639	0.510	0.339	0.175	0.066	0.047	0.120	0.254
4561	45.60	0.396	0.486	0.483	0.384	0.220	0.049	-0.072	-0.113	-0.076	0.001
4571	45.70	0.069	0.089	0.052	-0.022	-0.095	-0.135	-0.133	-0.107	-0.091	-0.113
4581	45.80	-0.177	-0.256	-0.305	-0.281	-0.171	0.002	0.188	0.329	0.388	0.365
4591	45.90	0.294	0.226	0.200	0.225	0.280	0.321	0.314	0.248	0.146	0.048
4601	46.00	-0.005	0.007	0.072	0.155	0.214	0.224	0.182	0.107	0.024	-0.048
4611	46.10	-0.108	-0.163	-0.224	-0.289	-0.340	-0.358	-0.328	-0.258	-0.182	-0.141
4621	46.20	-0.167	-0.261	-0.390	-0.496	-0.521	-0.437	-0.257	-0.035	0.162	0.277
4631	46.30	0.290	0.220	0.116	0.027	-0.014	-0.008	0.024	0.050	0.054	0.038
4641	46.40	0.023	0.030	0.064	0.113	0.145	0.131	0.058	-0.060	-0.166	-0.274
4651	46.50	-0.291	-0.229	-0.108	0.034	0.157	0.232	0.249	0.215	0.146	0.056
4661	46.60	-0.042	-0.140	-0.227	-0.292	-0.321	-0.307	-0.252	-0.171	-0.086	-0.016
4671	46.70	0.030	0.051	0.058	0.060	0.057	0.039	-0.012	-0.103	-0.229	-0.365
4681	46.80	-0.475	-0.527	-0.507	-0.424	-0.309	-0.200	-0.123	-0.084	-0.067	-0.049
4691	46.90	-0.011	0.044	0.096	0.112	0.070	-0.034	-0.175	-0.311	-0.400	-0.419
4701	47.00	-0.373	-0.292	-0.215	-0.175	-0.179	-0.210	-0.233	-0.213	-0.130	0.013
4711	47.10	0.188	0.360	0.493	0.570	0.588	0.564	0.520	0.475	0.442	0.425
4721	47.20	0.423	0.431	0.446	0.464	0.485	0.504	0.513	0.504	0.471	0.411
4731	47.30	0.331	0.243	0.166	0.117	0.107	0.133	0.180	0.225	0.242	0.216
4741	47.40	0.143	0.038	-0.074	-0.163	-0.210	-0.211	-0.178	-0.140	-0.127	-0.162
4751	47.50	-0.253	-0.390	-0.547	-0.693	-0.796	-0.835	-0.799	-0.696	-0.544	-0.371
4761	47.60	-0.208	-0.082	-0.010	0.007	-0.017	-0.054	-0.076	-0.060	-0.002	0.088
4771	47.70	0.185	0.262	0.304	0.310	0.294	0.278	0.280	0.302	0.333	0.352
4781	47.80	0.337	0.278	0.180	0.063	-0.045	-0.124	-0.161	-0.160	-0.131	-0.091
4791	47.90	-0.056	-0.033	-0.028	-0.041	-0.068	-0.103	-0.137	-0.160	-0.160	-0.134
4801	48.00	-0.084	-0.020	0.044	0.096	0.135	0.164	0.193	0.225	0.256	0.271
4811	48.10	0.251	0.182	0.071	-0.063	-0.185	-0.268	-0.297	-0.285	-0.260	-0.257
4821	48.20	-0.296	-0.374	-0.461	-0.517	-0.508	-0.426	-0.287	-0.132	-0.001	0.079
4831	48.30	0.103	0.090	0.067	0.054	0.055	0.059	0.048	0.014	-0.039	-0.093
4841	48.40	-0.122	-0.114	-0.070	-0.007	0.051	0.085	0.094	0.093	0.103	0.140
4851	48.50	0.202	0.269	0.313	0.307	0.247	0.148	0.044	-0.031	-0.053	-0.022
4861	48.60	0.040	0.106	0.142	0.139	0.103	0.053	0.012	-0.005	0.005	0.031
4871	48.70	0.058	0.072								

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

INDEX NO. 1999 S706-GR-1-5 HB. (HB.) SENDAIGAWA EHB. MAX. ACC. = -33.181 (GAL) T= 3.98 (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	2.492	-0.330	-3.563	-6.333	-7.981	-8.266	-7.366	-5.705	-3.709	-1.644
11	0.10	0.412	2.461	4.323	5.746	6.263	5.481	3.290	0.006	-3.682	-6.910
21	0.20	-8.965	-9.536	-8.804	-7.331	-5.803	-4.738	-4.298	-4.272	-4.216	-3.678
31	0.30	-2.414	-0.485	1.758	3.807	5.163	5.487	4.694	2.965	0.707	-1.547
41	0.40	-3.265	-4.050	-3.759	-2.560	-0.899	0.633	1.500	1.427	0.528	-0.706
51	0.50	-1.574	-1.433	0.039	2.684	5.884	8.769	10.519	10.657	9.212	6.694
61	0.60	3.889	1.566	0.213	-0.108	0.275	0.820	1.026	0.638	-0.254	-1.272
71	0.70	-1.917	-1.779	-0.709	1.117	3.256	5.154	6.317	6.467	5.606	3.991
81	0.80	2.043	0.228	-1.063	-1.596	-1.338	-0.459	0.711	1.762	2.320	2.170
91	0.90	1.357	0.205	-0.764	-1.014	-0.218	1.560	3.828	5.799	6.673	5.957
101	1.00	3.696	0.492	-2.697	-4.916	-5.577	-4.672	-2.757	-0.713	0.600	0.652
111	1.10	-0.622	-2.868	-5.510	-7.972	-9.839	-10.891	-11.073	-10.430	-9.090	-7.288
121	1.20	-5.383	-3.822	-3.015	-3.162	-4.133	-5.491	-6.678	-7.312	-7.429	-7.535
131	1.30	-8.393	-10.610	-14.215	-18.449	-21.915	-23.066	-20.656	-15.250	-7.359	0.885
141	1.40	7.421	10.820	10.811	8.359	5.267	3.476	4.359	8.259	14.441	21.424
151	1.50	27.530	31.441	32.552	31.052	27.727	23.604	19.567	16.071	13.053	10.049
161	1.60	6.498	2.114	-2.805	-7.300	-9.959	-9.418	-4.986	2.856	12.327	20.723
171	1.70	25.237	23.951	16.614	4.869	-8.222	-19.201	-25.413	-25.902	-21.646	-15.038
181	1.80	-8.849	-5.107	-4.352	-5.580	-6.842	-6.213	-2.709	3.250	10.007	15.344
191	1.90	17.389	15.360	9.858	2.637	-4.042	-8.196	-8.774	-5.944	-0.976	4.240
201	2.00	7.807	8.436	5.804	0.599	-5.754	-11.611	-15.666	-17.380	-17.116	-15.923
211	2.10	-15.055	-15.403	-17.076	-19.317	-20.807	-20.235	-16.910	-11.133	-4.168	2.199
221	2.20	6.325	7.313	5.310	1.356	-3.105	-6.862	-9.284	-10.606	-11.434	-12.333
231	2.30	-13.344	-13.822	-12.654	-8.790	-1.833	7.584	17.819	26.657	32.002	32.550
241	2.40	28.199	20.049	10.023	0.278	-7.367	-11.796	-12.691	-10.380	-5.586	0.804
251	2.50	7.875	14.717	20.444	24.244	25.509	24.000	19.955	14.081	7.383	0.897
261	2.60	-4.563	-8.543	-10.914	-11.714	-10.967	-8.613	-4.605	0.855	7.106	12.974
271	2.70	16.995	17.882	15.042	8.933	1.044	-6.533	-11.801	-13.556	-11.781	-7.570
281	2.80	-2.634	1.411	3.621	3.953	3.045	1.709	0.417	-0.954	-2.969	-6.190
291	2.90	-10.649	-15.573	-19.510	-20.848	-18.500	-12.428	-3.775	5.486	13.227	17.884
301	3.00	18.919	16.859	12.950	8.612	4.933	2.424	1.047	0.450	0.235	0.118
311	3.10	-0.065	-0.453	-1.232	-2.630	-4.787	-7.601	-10.659	-13.307	-14.888	-15.016
321	3.20	-13.785	-11.773	-9.849	-8.838	-9.210	-10.904	-13.373	-15.813	-17.465	-17.870
331	3.30	-16.985	-15.124	-12.795	-10.502	-8.593	-7.200	-6.249	-5.524	-4.742	-3.611
341	3.40	-1.091	0.551	3.702	7.365	11.186	14.723	17.565	19.458	20.381	20.556
351	3.50	20.356	20.160	20.212	20.524	20.892	20.980	20.481	19.257	17.426	15.346
361	3.60	13.506	12.353	12.134	12.785	13.938	15.045	15.575	15.221	14.025	12.361
371	3.70	10.786	9.780	9.515	9.737	9.834	9.083	6.973	3.463	-0.955	-5.417
381	3.80	-9.036	-11.264	-12.122	-12.165	-12.208	-12.936	-14.582	-16.839	-19.047	-20.572
391	3.90	-21.170	-21.163	-21.299	-22.371	-24.753	-28.099	-31.367	-33.181	-32.391	-28.587
401	4.00	-22.338	-15.044	-6.462	-4.100	-2.727	-4.165	-7.429	-11.117	-13.863	-14.704
411	4.10	-13.246	-9.640	-4.446	1.547	7.459	12.440	15.783	17.051	16.199	13.629
421	4.20	10.124	6.648	4.067	2.883	3.107	4.323	5.911	7.331	8.324	8.954
431	4.30	9.467	10.079	10.802	11.419	11.620	11.216	10.313	9.324	8.796	9.132
441	4.40	10.359	12.058	13.520	14.062	13.358	11.610	9.480	7.804	7.219	7.880
451	4.50	9.405	11.049	12.046	11.925	10.670	8.661	6.433	4.397	2.666	1.050
461	4.60	-0.749	-2.916	-5.349	-7.649	-9.290	-9.873	-9.341	-8.045	-6.633	-5.796
471	4.70	-6.001	-7.312	-9.386	-11.616	-13.364	-14.176	-13.907	-12.711	-10.945	-9.028
481	4.80	-7.326	-6.087	-5.427	-5.341	-5.719	-6.360	-6.999	-7.359	-7.236	-6.578
491	4.90	-5.537	-4.437	-3.660	-3.484	-3.938	-4.741	-5.370	-5.240	-3.931	-1.362

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

INDEX NO. 1999 S706-GR-1-5 HB. (HB.) SENDAIGAWA EHB. MAX. ACC. = -33.181 (GAL) T= 3.98 (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	2.161	6.036	9.568	12.190	13.613	13.850	13.135	11.774	10.033	8.094
511	5.10	6.092	4.190	2.611	1.593	1.270	1.549	2.050	2.192	1.396	-0.651
521	5.20	-3.806	-7.437	-10.609	-12.406	-12.276	-10.244	-6.911	-3.220	-0.101	1.855
531	5.30	2.566	2.409	1.984	1.827	2.192	2.993	3.925	4.662	5.044	5.141
541	5.40	5.182	5.397	5.858	6.425	6.811	6.750	6.158	5.211	4.288	3.793
551	5.50	3.945	4.636	5.435	5.728	4.958	2.850	-0.471	-4.515	-8.585	-12.007
561	5.60	-14.308	-15.313	-15.112	-13.951	-12.109	-9.810	-7.217	-4.474	-1.768	0.648
571	5.70	2.487	3.519	3.665	3.062	2.048	1.070	0.551	0.750	1.691	3.160
581	5.80	4.792	6.190	7.049	7.226	6.756	5.809	4.614	3.392	2.311	1.468
591	5.90	0.899	0.594	0.506	0.562	0.660	0.688	0.536	0.134	-0.533	-1.409
601	6.00	-2.377	-3.296	-4.039	-4.532	-4.772	-4.832	-4.828	-4.881	-5.067	-5.384
611	6.10	-5.725	-5.899	-5.673	-4.851	-3.351	-1.275	1.088	3.321	4.994	5.817
621	6.20	5.758	5.081	4.278	3.906	4.375	5.790	7.882	10.086	11.734	12.283
631	6.30	11.497	9.520	6.796	3.903	1.347	-0.591	-1.900	-2.780	-3.509	-4.312
641	6.40	-5.269	-6.304	-7.240	-7.882	-8.097	-7.861	-7.260	-6.459	-5.654	-5.024
651	6.50	-4.683	-4.655	-4.866	-5.163	-5.363	-5.322	-4.999	-4.483	-3.973	-3.696
661	6.60	-3.798	-4.258	-4.863	-5.273	-5.148	-4.298	-2.779	-0.889	0.934	2.274
671	6.70	2.893	2.814	2.299	1.737	1.490	1.780	2.640	3.946	5.499	7.111
681	6.80	8.653	10.049	11.245	12.171	12.730	12.812	12.336	11.273	9.663	7.598
691	6.90	5.204	2.631	0.060	-2.297	-4.200	-5.428	-5.863	-5.464	-4.497	-3.306
701	7.00	-2.315	-1.875	-2.149	-3.061	-4.333	-5.587	-6.468	-6.739	-6.313	-5.222
711	7.10	-3.560	-1.435	1.038	3.707	6.348	8.658	10.297	10.984	10.592	9.216
721	7.20	7.162	4.875	2.809	1.314	0.561	0.523	1.019	1.773	2.478	2.846
731	7.30	2.642	1.720	0.058	-2.214	-4.811	-7.348	-9.431	-10.774	-11.296	-11.149
741	7.40	-10.665	-10.232	-10.154	-10.543	-11.295	-12.156	-12.832	-13.111	-12.926	-12.344
751	7.50	-11.502	-10.527	-9.473	-8.326	-7.050	-5.642	-4.173	-2.765	-1.534	-0.510
761	7.60	0.407	1.431	2.811	4.719	7.152	9.893	12.561	14.728	16.068	16.478
771	7.70	16.132	15.433	14.890	14.951	15.849	17.517	19.590	21.498	22.633	22.518
781	7.80	20.944	18.031	14.180	9.957	5.926	2.495	-0.172	-2.164	-3.741	-5.205
791	7.90	-6.774	-8.499	-10.254	-11.799	-12.884	-13.355	-13.216	-12.635	-11.888	-11.273
801	8.00	-11.017	-11.207	-11.765	-12.472	-13.023	-13.108	-12.501	-11.125	-9.098	-6.723
811	8.10	-4.434	-2.694	-1.871	-2.127	-3.356	-5.194	-7.119	-8.590	-9.199	-8.780
821	8.20	-7.439	-5.490	-3.340	-1.351	0.254	1.429	2.275	2.966	3.667	4.501
831	8.30	5.515	6.708	8.050	9.494	10.971	12.379	13.581	14.423	14.786	14.628
841	8.40	14.014	13.102	12.082	11.101	10.201	9.297	8.224	6.812	4.987	2.822
851	8.50	0.533	-1.587	-3.276	-4.395	-4.979	-5.218	-5.380	-5.708	-6.331	-7.228
861	8.60	-8.242	-9.153	-9.761	-9.956	-9.745	-9.237	-8.577	-7.880	-7.173	-6.378
871	8.70	-5.340	-3.903	-1.991	0.321	2.787	5.038	6.679	7.423	7.199	6.199
881	8.80	4.831	3.599	2.933	3.045	3.856	5.027	6.087	6.602	6.330	5.291
891	8.90	3.745	2.080	0.664	-0.281	-0.732	-0.839	-0.841	-0.961	-1.319	-1.913
901	9.00	-2.637	-3.341	-3.895	-4.230	-4.347	-4.299	-4.158	-3.989	-3.829	-3.688
911	9.10	-3.553	-3.409	-3.242	-3.054	-2.863	-2.699	-2.594	-2.570	-2.629	-2.751
921	9.20	-2.892	-2.999	-3.020	-2.909	-2.629	-2.148	-1.441	-0.503	0.632	1.860
931	9.30	3.002	3.827	4.106	3.695	2.601	1.011	-0.736	-2.246	-3.187	-3.388
941	9.40	-2.887	-1.893	-0.701	0.424	1.324	1.976	2.454	2.860	3.270	3.704
951	9.50	4.156	4.629	5.170	5.855	6.740	7.801	8.894	9.781	10.209	10.020
961	9.60	9.226	8.025	6.726	5.617	4.841	4.335	3.864	3.139	1.964	0.343
971	9.70	-1.505	-3.232	-4.508	-5.157	-5.228	-4.963	-4.686	-4.662	-4.998	-5.623
981	9.60	-6.345	-6.955	-7.323	-7.439	-7.386	-7.276	-7.177	-7.083	-6.929	-6.644
991	9.90	-6.203	-5.651	-5.080	-4.572	-4.154	-3.779	-3.351	-2.792	-2.101	-1.377

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

INDEX NO. 1999 S706-GR-1-5 HB. (HB.) SENDAIGAWA EMB. MAX. ACC. = -33.181 (GAL) T= 3.98 (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	-0.787	-0.498	-0.591	-1.009	-1.566	-2.003	-2.087	-1.686	-0.813	0.392
1011	10.10	1.719	2.957	3.943	4.586	4.860	4.780	4.397	3.794	3.090	2.441
1021	10.20	2.007	1.913	2.200	2.802	3.561	4.280	4.792	5.018	4.989	4.815
1031	10.30	4.630	4.525	4.516	4.544	4.522	4.382	4.114	3.770	3.438	3.200
1041	10.40	3.096	3.114	3.196	3.268	3.258	3.108	2.771	2.216	1.427	0.423
1051	10.50	-0.731	-1.921	-3.014	-3.892	-4.499	-4.862	-5.068	-5.220	-5.371	-5.491
1061	10.60	-5.470	-5.179	-4.542	-3.604	-2.533	-1.573	-0.949	-0.777	-1.015	-1.486
1071	10.70	-1.950	-2.199	-2.126	-1.737	-1.118	-0.368	0.441	1.274	2.093	2.816
1081	10.80	3.304	3.393	2.975	2.680	0.910	-0.205	-0.916	-1.003	-0.475	0.417
1091	10.90	1.269	1.681	1.416	0.482	-0.893	-2.374	-3.669	-4.640	-5.328	-5.878
1101	11.00	-6.421	-6.975	-7.417	-7.548	-7.206	-6.383	-5.265	-4.178	-3.466	-3.344
1111	11.10	-3.802	-4.610	-5.405	-5.831	-5.670	-4.898	-3.663	-2.201	-0.731	0.616
1121	11.20	1.814	2.906	3.951	4.987	6.010	7.002	7.955	8.884	9.819	10.778
1131	11.30	11.736	12.626	13.355	13.840	14.041	13.962	13.637	13.092	12.324	11.307
1141	11.40	10.024	8.508	6.864	5.249	3.815	2.636	1.663	0.736	-0.342	-1.705
1151	11.50	-3.336	-5.050	-6.555	-7.574	-7.973	-7.829	-7.408	-7.053	-7.035	-7.437
1161	11.60	-8.116	-8.774	-9.087	-8.851	-8.056	-6.884	-5.615	-4.506	-3.692	-3.157
1171	11.70	-2.780	-2.420	-1.998	-1.534	-1.127	-0.893	-0.904	-1.154	-1.572	-2.057
1181	11.80	-2.524	-2.932	-3.267	-3.527	-3.700	-3.766	-3.724	-3.621	-3.564	-3.686
1191	11.90	-4.085	-4.756	-5.550	-6.201	-6.404	-5.930	-4.722	-2.934	-0.888	1.033
1201	12.00	2.510	3.384	3.687	3.600	3.360	3.169	3.135	3.263	3.499	3.787
1211	12.10	4.110	4.496	4.994	5.631	6.372	7.119	7.739	8.105	8.154	7.905
1221	12.20	7.461	6.970	6.578	6.384	6.409	6.603	6.861	7.066	7.123	6.986
1231	12.30	6.664	6.201	5.657	5.069	4.438	3.730	2.891	1.878	0.688	-0.628
1241	12.40	-1.975	-3.237	-4.316	-5.158	-5.760	-6.164	-6.425	-6.589	-6.677	-6.691
1251	12.50	-6.635	-6.537	-6.458	-6.477	-6.664	-7.042	-7.565	-8.120	-8.555	-8.723
1261	12.60	-8.524	-7.931	-6.987	-5.782	-4.424	-3.010	-1.618	-0.312	0.850	1.813
1271	12.70	2.528	2.971	3.158	3.152	3.044	2.926	2.857	2.843	2.832	2.745
1281	12.80	2.510	2.093	1.518	0.857	0.200	-0.373	-0.818	-1.137	-1.365	-1.552
1291	12.90	-1.739	-1.945	-2.166	-2.371	-2.506	-2.504	-2.289	-1.800	-1.013	0.022
1301	13.00	1.176	2.243	2.990	3.229	2.890	2.067	1.012	0.071	-0.416	-0.230
1311	13.10	0.660	2.088	3.751	5.305	6.473	7.101	7.180	6.795	6.072	5.128
1321	13.20	4.051	2.922	1.838	0.930	0.346	0.196	0.498	1.141	1.900	2.498
1331	13.30	2.701	2.401	1.653	0.654	-0.340	-1.107	-1.536	-1.648	-1.571	-1.458
1341	13.40	-1.425	-1.495	-1.607	-1.649	-1.526	-1.201	-0.719	-0.195	0.225	0.406
1351	13.50	0.254	-0.261	-1.108	-2.197	-3.391	-4.522	-5.418	-5.937	-6.005	-5.644
1361	13.60	-4.981	-4.212	-3.548	-3.146	-3.054	-3.199	-3.421	-3.540	-3.430	-3.070
1371	13.70	-2.549	-2.012	-1.596	-1.353	-1.229	-1.082	-0.748	-0.123	0.781	1.826
1381	13.80	2.801	3.493	3.777	3.661	3.282	2.849	2.563	2.545	2.801	3.233
1391	13.90	3.696	4.061	4.266	4.331	4.332	4.356	4.450	4.598	4.730	4.755
1401	14.00	4.607	4.278	3.824	3.345	2.947	2.697	2.602	2.608	2.624	2.556
1411	14.10	2.335	1.931	1.350	0.623	-0.210	-1.111	-2.036	-2.934	-3.741	-4.388
1421	14.20	-4.823	-5.035	-5.065	-5.013	-5.002	-5.143	-5.486	-5.993	-6.544	-6.972
1431	14.30	-7.123	-6.909	-6.341	-5.528	-4.632	-3.814	-3.177	-2.743	-2.463	-2.256
1441	14.40	-2.052	-1.828	-1.608	-1.438	-1.342	-1.300	-1.231	-1.032	-0.613	0.055
1451	14.50	0.921	1.868	2.754	3.465	3.968	4.220	4.351	4.416	4.474	4.563
1461	14.60	4.613	4.668	4.705	4.733	4.764	4.782	4.739	4.559	4.172	3.562
1471	14.70	2.790	1.997	1.356	1.010	1.009	1.282	1.662	1.945	1.973	1.698
1481	14.80	1.190	0.606	0.117	-0.165	-0.229	-0.156	-0.075	-0.090	-0.240	-0.476
1491	14.90	-0.702	-0.820	-0.787	-0.637	-0.463	-0.378	-0.464	-0.737	-1.151	-1.624

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

INDEX NO. 1999 S706-GR-1-5 HB. (HB.) SENDAIGAWA EMB. MAX. ACC. = -33.181 (GAL) T= 3.98 (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	-2.081	-2.486	-2.852	-3.222	-3.640	-4.116	-4.616	-5.068	-5.392	-5.530
1511	15.10	-5.460	-5.201	-4.794	-4.286	-3.713	-3.093	-2.436	-1.755	-1.074	-0.423
1521	15.20	0.169	0.687	1.141	1.563	1.995	2.476	3.022	3.622	4.228	4.771
1531	15.30	5.164	5.323	5.185	4.724	3.967	3.008	1.995	1.106	0.510	0.315
1541	15.40	0.531	1.062	1.721	2.289	2.580	2.494	2.049	1.361	0.603	-0.064
1551	15.50	-0.541	-0.812	-0.937	-1.011	-1.118	-1.296	-1.529	-1.764	-1.942	-2.031
1561	15.60	-2.040	-2.014	-2.013	-2.081	-2.228	-2.426	-2.614	-2.721	-2.691	-2.498
1571	15.70	-2.153	-1.696	-1.186	-0.684	-0.240	0.117	0.379	0.550	0.640	0.654
1581	15.80	0.590	0.446	0.224	-0.057	-0.353	-0.609	-0.768	-0.795	-0.695	-0.513
1591	15.90	-0.323	-0.199	-0.185	-0.279	-0.433	-0.578	-0.656	-0.648	-0.580	-0.511
1601	16.00	-0.500	-0.570	-0.689	-0.773	-0.716	-0.427	0.131	0.930	1.885	2.877
1611	16.10	3.787	4.524	5.034	5.304	5.354	5.228	4.992	4.724	4.502	4.385
1621	16.20	4.389	4.476	4.549	4.486	4.176	3.565	2.683	1.639	0.585	-0.340
1631	16.30	-1.063	-1.600	-2.048	-2.534	-3.160	-3.951	-4.843	-5.704	-6.389	-6.800
1641	16.40	-6.921	-6.826	-6.646	-6.514	-6.513	-6.646	-6.838	-6.963	-6.897	-6.554
1651	16.50	-5.915	-5.023	-3.963	-2.833	-1.717	-0.675	0.255	1.050	1.690	2.158
1661	16.60	2.447	2.568	2.562	2.496	2.449	2.491	2.660	2.955	3.328	3.706
1671	16.70	4.015	4.202	4.248	4.176	4.042	3.915	3.861	3.928	4.136	4.473
1681	16.80	4.898	5.349	5.752	6.041	6.171	6.132	5.953	5.687	5.397	5.122
1691	16.90	4.866	4.583	4.203	3.649	2.879	1.899	0.772	-0.404	-1.530	-2.539
1701	17.00	-3.412	-4.176	-4.883	-5.581	-6.293	-7.006	-7.682	-8.274	-8.747	-9.082
1711	17.10	-9.274	-9.317	-9.203	-8.916	-8.446	-7.806	-7.039	-6.212	-5.403	-4.667
1721	17.20	-4.019	-3.433	-2.850	-2.214	-1.500	-0.733	0.024	0.691	1.208	1.564
1731	17.30	1.801	2.001	2.248	2.597	3.049	3.559	4.048	4.441	4.690	4.792
1741	17.40	4.780	4.712	4.647	4.637	4.710	4.880	5.140	5.462	5.801	6.087
1751	17.50	6.242	6.190	5.889	5.347	4.631	3.850	3.128	2.558	2.174	1.939
1761	17.60	1.762	1.535	1.180	0.674	0.061	-0.575	-1.143	-1.589	-1.909	-2.152
1771	17.70	-2.389	-2.676	-3.029	-3.412	-3.755	-3.983	-4.053	-3.969	-3.788	-3.589
1781	17.80	-3.446	-3.396	-3.425	-3.475	-3.467	-3.340	-3.071	-2.694	-2.282	-1.927
1791	17.90	-1.701	-1.630	-1.686	-1.789	-1.853	-1.807	-1.629	-1.352	-1.055	-0.829
1801	18.00	-0.741	-0.810	-1.002	-1.247	-1.464	-1.597	-1.627	-1.567	-1.446	-1.287
1811	18.10	-1.091	-0.841	-0.525	-0.152	0.231	0.552	0.734	0.734	0.564	0.294
1821	18.20	0.029	-0.123	-0.094	0.131	0.517	1.001	1.521	2.032	2.507	2.925
1831	18.30	3.254	3.453	3.487	3.352	3.101	2.835	2.684	2.753	3.075	3.592
1841	18.40	4.165	4.622	4.823	4.705	4.305	3.732	3.120	2.579	2.159	1.856
1851	18.50	1.641	1.488	1.396	1.381	1.450	1.566	1.642	1.552	1.185	0.488
1861	18.60	-0.492	-1.614	-2.684	-3.521	-4.014	-4.156	-4.039	-3.806	-3.594	-3.490
1871	18.70	-3.507	-3.595	-3.681	-3.699	-3.620	-3.454	-3.237	-3.002	-2.766	-2.519
1881	18.80	-2.236	-1.888	-1.463	-0.974	-0.461	0.020	0.415	0.684	0.815	0.832
1891	18.90	0.781	0.723	0.707	0.757	0.857	0.962	1.015	0.980	0.863	0.722
1901	19.00	0.655	0.754	1.068	1.563	2.122	2.574	2.755	2.570	2.031	1.262
1911	19.10	0.456	-0.194	-0.561	-0.621	-0.455	-0.208	-0.030	-0.029	-0.246	-0.659
1921	19.20	-1.215	-1.854	-2.528	-3.194	-3.796	-4.262	-4.504	-4.450	-4.075	-3.434
1931	19.30	-2.648	-1.883	-1.282	-0.924	-0.792	-0.788	-0.778	-0.648	-0.349	0.091
1941	19.40	0.588	1.049	1.412	1.668	1.851	2.014	2.192	2.387	2.565	2.678
1951	19.50	2.692	2.593	2.399	2.137	1.836	1.523	1.222	0.971	0.821	0.830
1961	19.60	1.035	1.424	1.925	2.418	2.774	2.908	2.813	2.573	2.324	2.200
1971	19.70	2.269	2.500	2.774	2.932	2.849	2.484	1.909	1.276	0.757	0.481
1981	19.80	0.484	0.698	0.988	1.203	1.231	1.031	0.640	0.146	-0.342	-0.734
1991	19.90	-0.974	-1.052	-0.998	-0.868	-0.728	-0.644	-0.666	-0.816	-1.085	-1.435

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

INDEX NO. 1999 S706-GR-1-5 HB. (HB.) SENDAIGAWA EMB. MAX. ACC. = -33.181 (GAL) T= 3.98 (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	-1.810	-2.162	-2.463	-2.722	-2.975	-3.273	-3.651	-4.107	-4.596	-5.042
2011	20.10	-5.363	-5.507	-5.469	-5.296	-5.070	-4.874	-4.758	-4.723	-4.721	-4.677
2021	20.20	-4.521	-4.221	-3.792	-3.293	-2.802	-2.385	-2.075	-1.864	-1.711	-1.566
2031	20.30	-1.396	-1.198	-0.991	-0.800	-0.632	-0.457	-0.212	0.174	0.748	1.500
2041	20.40	2.355	3.189	3.871	4.314	4.517	4.568	4.617	4.820	5.273	5.971
2051	20.50	6.607	7.602	8.171	8.386	8.219	7.742	7.095	6.432	5.867	5.451
2061	20.60	5.168	4.969	4.802	4.642	4.498	4.394	4.343	4.325	4.279	4.118
2071	20.70	3.760	3.159	2.329	1.339	0.297	-0.685	-1.523	-2.182	-2.677	-3.058
2081	20.80	-3.384	-3.702	-4.030	-4.361	-4.674	-4.952	-5.193	-5.419	-5.660	-5.946
2091	20.90	-6.284	-6.657	-7.016	-7.301	-7.455	-7.441	-7.257	-6.937	-6.538	-6.133
2101	21.00	-5.787	-5.553	-5.454	-5.483	-5.598	-5.731	-5.794	-5.699	-5.381	-4.813
2111	21.10	-4.023	-3.086	-2.103	-1.169	-0.343	0.374	1.028	1.689	2.407	3.181
2121	21.20	3.948	4.605	5.053	5.245	5.220	5.093	5.022	5.137	5.489	6.022
2131	21.30	6.589	7.012	7.154	6.972	6.538	6.010	5.564	5.332	5.355	5.574
2141	21.40	5.871	6.116	6.219	6.151	5.932	5.604	5.194	4.703	4.113	3.419
2151	21.50	2.851	1.882	1.212	0.729	0.463	0.370	0.341	0.246	-0.020	-0.488
2161	21.60	-1.110	-1.783	-2.398	-2.881	-3.227	-3.488	-3.737	-4.033	-4.389	-4.769
2171	21.70	-5.114	-5.376	-5.546	-5.658	-5.765	-5.906	-6.079	-6.240	-6.318	-6.259
2181	21.80	-6.060	-5.772	-5.490	-5.300	-5.244	-5.295	-5.363	-5.343	-5.161	-4.806
2191	21.90	-4.339	-3.856	-3.437	-3.109	-2.830	-2.513	-2.080	-1.502	-0.831	-0.177
2201	22.00	0.338	0.641	0.739	0.725	0.736	0.893	1.253	1.788	2.406	2.999
2211	22.10	3.488	3.851	4.117	4.333	4.532	4.714	4.856	4.940	4.983	5.048
2221	22.20	5.219	5.562	6.078	6.688	7.251	7.619	7.696	7.474	7.038	6.518
2231	22.30	6.031	5.634	5.303	4.962	4.532	3.976	3.322	2.642	2.011	1.468
2241	22.40	0.992	0.523	-0.002	-0.606	-1.251	-1.859	-2.349	-2.677	-2.866	-2.987
2251	22.50	-3.126	-3.339	-3.626	-3.939	-4.216	-4.418	-4.555	-4.676	-4.837	-5.059
2261	22.60	-5.305	-5.493	-5.534	-5.378	-5.048	-4.628	-4.232	-3.947	-3.795	-3.728
2271	22.70	-3.657	-3.494	-3.201	-2.795	-2.334	-1.877	-1.452	-1.048	-0.628	-0.164
2281	22.80	0.339	0.835	1.259	1.564	1.748	1.853	1.944	2.069	2.234	2.398
2291	22.90	2.499	2.498	2.404	2.275	2.185	2.172	2.205	2.180	1.965	1.469
2301	23.00	0.695	-0.230	-1.099	-1.697	-1.889	-1.675	-1.193	-0.658	-0.274	-0.153
2311	23.10	-0.277	-0.514	-0.689	-0.655	-0.355	0.164	0.780	1.353	1.776	2.011
2321	23.20	2.081	2.050	1.986	1.934	1.914	1.923	1.951	1.991	2.036	2.074
2331	23.30	2.082	2.027	1.875	1.607	1.231	0.782	0.318	-0.102	-0.430	-0.644
2341	23.40	-0.746	-0.756	-0.700	-0.606	-0.498	-0.398	-0.330	-0.316	-0.369	-0.486
2351	23.50	-0.646	-0.807	-0.922	-0.957	-0.900	-0.772	-0.618	-0.494	-0.446	-0.489
2361	23.60	-0.620	-0.804	-0.998	-1.168	-1.297	-1.386	-1.446	-1.487	-1.507	-1.493
2371	23.70	-1.422	-1.280	-1.068	-0.814	-0.565	-0.377	-0.298	-0.343	-0.495	-0.698
2381	23.80	-0.880	-0.973	-0.933	-0.759	-0.492	-0.200	0.044	0.187	0.214	0.151
2391	23.90	0.053	-0.017	-0.015	0.070	0.212	0.360	0.460	0.476	0.404	0.269
2401	24.00	0.116	-0.008	-0.074	-0.075	-0.023	0.058	0.142	0.211	0.251	0.252
2411	24.10	0.206	0.111	-0.025	-0.176	-0.296	-0.331	-0.233	0.017	0.395	0.840
2421	24.20	1.270	1.607	1.805	1.865	1.830	1.768	1.738	1.772	1.861	1.963
2431	24.30	2.024	1.999	1.868	1.647	1.371	1.089	0.842	0.656	0.536	0.470
2441	24.40	0.433	0.396	0.333	0.230	0.087	-0.077	-0.231	-0.343	-0.388	-0.364
2451	24.50	-0.291	-0.205	-0.143	-0.122	-0.134	-0.143	-0.106	0.006	0.189	0.398
2461	24.60	0.565	0.621	0.526	0.286	-0.048	-0.401	-0.702	-0.909	-1.023	-1.081
2471	24.70	-1.134	-1.225	-1.370	-1.560	-1.768	-1.970	-2.155	-2.328	-2.509	-2.711
2481	24.80	-2.932	-3.149	-3.323	-3.412	-3.380	-3.215	-2.926	-2.544	-2.105	-1.647
2491	24.90	-1.198	-0.772	-0.373	0.004	0.365	0.710	1.029	1.304	1.511	1.636

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

INDEX NO. 1999 S706-GR-1-5 HB. (HB.) SENDAIGAWA EMB. MAX. ACC. = -33.181 (GAL) T= 3.98 (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	1.679	1.664	1.631	1.631	1.698	1.835	2.005	2.135	2.139	1.951
2511	25.10	1.553	0.988	0.354	-0.225	-0.636	-0.819	-0.778	-0.580	-0.322	-0.098
2521	25.20	0.039	0.086	0.086	0.103	0.187	0.357	0.596	0.859	1.102	1.302
2531	25.30	1.462	1.610	1.780	1.992	2.237	2.486	2.701	2.851	2.932	2.964
2541	25.40	2.979	3.004	3.048	3.091	3.096	3.022	2.846	2.567	2.211	1.814
2551	25.50	1.415	1.036	0.688	0.368	0.065	-0.229	-0.527	-0.839	-1.181	-1.562
2561	25.60	-1.984	-2.429	-2.859	-3.228	-3.492	-3.635	-3.673	-3.652	-3.634	-3.664
2571	25.70	-3.758	-3.891	-4.012	-4.069	-4.032	-3.906	-3.728	-3.546	-3.395	-3.286
2581	25.80	-3.204	-3.120	-3.009	-2.868	-2.708	-2.551	-2.408	-2.275	-2.136	-1.971
2591	25.90	-1.767	-1.527	-1.257	-0.954	-0.599	-0.157	0.403	1.078	1.815	2.516
2601	26.00	3.064	3.370	3.412	3.254	3.024	2.864	2.878	3.086	3.429	3.794
2611	26.10	4.073	4.210	4.216	4.155	4.101	4.100	4.142	4.178	4.152	4.037
2621	26.20	3.854	3.666	3.536	3.496	3.519	3.526	3.423	3.144	2.682	2.093
2631	26.30	1.475	0.920	0.484	0.168	-0.071	-0.292	-0.543	-0.841	-1.178	-1.533
2641	26.40	-1.888	-2.236	-2.577	-2.904	-3.198	-3.431	-3.570	-3.606	-3.552	-3.449
2651	26.50	-3.346	-3.285	-3.281	-3.329	-3.406	-3.495	-3.589	-3.690	-3.799	-3.902
2661	26.60	-3.960	-3.925	-3.753	-3.433	-2.995	-2.510	-2.060	-1.715	-1.504	-1.413
2671	26.70	-1.387	-1.362	-1.281	-1.115	-0.861	-0.540	-0.179	0.191	0.543	0.855
2681	26.80	1.112	1.307	1.450	1.560	1.667	1.789	1.927	2.054	2.130	2.114
2691	26.90	1.993	1.790	1.561	1.379	1.295	1.328	1.450	1.607	1.744	1.831
2701	27.00	1.868	1.882	1.900	1.929	1.956	1.952	1.897	1.797	1.689	1.619
2711	27.10	1.619	1.683	1.764	1.797	1.731	1.558	1.321	1.093	0.937	0.870
2721	27.20	0.849	0.793	0.622	0.304	-0.121	-0.560	-0.901	-1.073	-1.074	-0.971
2731	27.30	-0.868	-0.846	-0.929	-1.076	-1.205	-1.243	-1.167	-1.019	-0.879	-0.825
2741	27.40	-0.885	-1.024	-1.157	-1.195	-1.091	-0.865	-0.590	-0.358	-0.232	-0.216
2751	27.50	-0.258	-0.276	-0.206	-0.026	0.234	0.513	0.755	0.932	1.048	1.128
2761	27.60	1.187	1.213	1.174	1.032	0.777	0.442	0.096	-0.185	-0.355	-0.422
2771	27.70	-0.446	-0.521	-0.708	-1.023	-1.417	-1.798	-2.076	-2.207	-2.208	-2.151
2781	27.80	-2.124	-2.186	-2.336	-2.512	-2.620	-2.573	-2.335	-1.938	-1.468	-1.038
2791	27.90	-0.744	-0.635	-0.702	-0.884	-1.087	-1.217	-1.204	-1.013	-0.655	-0.179
2801	28.00	0.336	0.806	1.160	1.367	1.442	1.443	1.455	1.555	1.785	2.130
2811	28.10	2.529	2.887	3.120	3.181	3.076	2.861	2.616	2.416	2.303	2.282
2821	28.20	2.327	2.398	2.461	2.496	2.499	2.473	2.419	2.333	2.207	2.040
2831	28.30	1.840	1.624	1.416	1.231	1.082	0.961	0.856	0.748	0.622	0.463
2841	28.40	0.261	0.007	-0.300	-0.650	-1.014	-1.348	-1.606	-1.756	-1.789	-1.746
2851	28.50	-1.691	-1.694	-1.803	-2.021	-2.309	-2.596	-2.813	-2.923	-2.932	-2.879
2861	28.60	-2.818	-2.783	-2.778	-2.781	-2.764	-2.719	-2.671	-2.666	-2.746	-2.917
2871	28.70	-3.129	-3.294	-3.313	-3.128	-2.752	-2.274	-1.820	-1.505	-1.375	-1.392
2881	28.80	-1.446	-1.410	-1.197	-0.802	-0.307	0.162	0.491	0.630	0.614	0.550
2891	28.90	0.562	0.738	1.094	1.569	2.058	2.454	2.698	2.792	2.786	2.756
2901	29.00	2.761	2.826	2.940	3.068	3.178	3.252	3.291	3.309	3.319	3.325
2911	29.10	3.322	3.303	3.263	3.208	3.145	3.077	2.995	2.877	2.697	2.444
2921	29.20	2.128	1.787	1.477	1.251	1.142	1.142	1.211	1.285	1.301	1.220
2931	29.30	1.034	0.767	0.459	0.141	-0.170	-0.482	-0.816	-1.188	-1.597	-2.015
2941	29.40	-2.398	-2.695	-2.876	-2.939	-2.915	-2.855	-2.811	-2.817	-2.879	-2.978
2951	29.50	-3.078	-3.151	-3.180	-3.169	-3.134	-3.089	-3.037	-2.965	-2.853	-2.682
2961	29.60	-2.450	-2.179	-1.907	-1.682	-1.543	-1.512	-1.583	-1.725	-1.888	-2.013
2971	29.70	-2.039	-1.921	-1.637	-1.196	-0.649	-0.075	0.433	0.791	0.955	0.935
2981	29.80	0.794	0.630	0.538	0.577	0.750	1.005	1.259	1.434	1.487	1.424
2991	29.90	1.293	1.158	1.072	1.058	1.103	1.177	1.245	1.290	1.311	1.321

Table 7-3-7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1999 S706-GR-1-5 HB. (HB.) SENDAIGAWA EHB. MAX. ACC. = -33.181 (GAL) T= 3.98 (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)
3001	30.00	1.335	1.356	1.375	1.379	1.355	1.300	1.218	1.121	1.018	0.914
3011	30.10	0.815	0.727	0.666	0.648	0.684	0.770	0.887	1.002	1.086	1.130
3021	30.20	1.146	1.170	1.236	1.364	1.539	1.718	1.841	1.862	1.770	1.593
3031	30.30	1.391	1.233	1.169	1.211	1.333	1.482	1.598	1.635	1.568	1.399
3041	30.40	1.148	0.842	0.513	0.184	-0.127	-0.417	-0.695	-0.980	-1.295	-1.653
3051	30.50	-2.065	-2.443	-2.799	-3.067	-3.225	-3.284	-3.294	-3.320	-3.420	-3.613
3061	30.60	-3.873	-4.133	-4.309	-4.336	-4.191	-3.899	-3.523	-3.139	-2.805	-2.551
3071	30.70	-2.364	-2.210	-2.043	-1.826	-1.539	-1.181	-0.771	-0.335	0.092	0.485
3081	30.80	0.823	1.105	1.342	1.562	1.794	2.061	2.369	2.702	3.025	3.298
3091	30.90	3.486	3.566	3.534	3.400	3.184	2.915	2.630	2.373	2.191	2.121
3101	31.00	2.175	2.328	2.521	2.672	2.708	2.594	2.351	2.047	1.770	1.585
3111	31.10	1.507	1.484	1.426	1.242	0.891	0.402	-0.130	-0.577	-0.836	-0.864
3121	31.20	-0.700	-0.446	-0.227	-0.142	-0.234	-0.485	-0.828	-1.177	-1.463	-1.645
3131	31.30	-1.718	-1.705	-1.643	-1.572	-1.527	-1.526	-1.574	-1.641	-1.685	-1.655
3141	31.40	-1.516	-1.269	-0.963	-0.687	-0.542	-0.599	-0.860	-1.252	-1.640	-1.876
3151	31.50	-1.854	-1.559	-1.071	-0.542	-0.140	0.019	-0.095	-0.412	-0.800	-1.117
3161	31.60	-1.265	-1.229	-1.070	-0.900	-0.832	-0.931	-1.199	-1.567	-1.927	-2.165
3171	31.70	-2.202	-2.012	-1.631	-1.135	-0.625	-0.193	0.101	0.237	0.244	0.181
3181	31.80	0.122	0.138	0.269	0.521	0.865	1.247	1.606	1.893	2.086	2.189
3191	31.90	2.229	2.239	2.251	2.280	2.328	2.391	2.466	2.554	2.663	2.795
3201	32.00	2.940	3.068	3.138	3.107	2.953	2.684	2.342	1.991	1.694	1.491
3211	32.10	1.376	1.310	1.228	1.073	0.818	0.476	0.097	-0.255	-0.528	-0.699
3221	32.20	-0.781	-0.813	-0.838	-0.889	-0.979	-1.102	-1.244	-1.391	-1.537	-1.676
3231	32.30	-1.805	-1.911	-1.981	-2.006	-1.989	-1.947	-1.907	-1.891	-1.904	-1.931
3241	32.40	-1.941	-1.909	-1.829	-1.724	-1.637	-1.611	-1.662	-1.771	-1.883	-1.938
3251	32.50	-1.896	-1.763	-1.569	-1.444	-1.383	-1.414	-1.486	-1.514	-1.414	-1.149
3261	32.60	-0.747	-0.294	0.102	0.359	0.461	0.460	0.451	0.531	0.750	1.091
3271	32.70	1.480	1.823	2.044	2.122	2.087	2.006	1.948	1.952	2.017	2.113
3281	32.80	2.198	2.246	2.247	2.213	2.157	2.081	1.976	1.825	1.621	1.377
3291	32.90	1.124	0.906	0.755	0.679	0.657	0.648	0.608	0.508	0.344	0.133
3301	33.00	-0.094	-0.306	-0.479	-0.601	-0.668	-0.679	-0.640	-0.562	-0.462	-0.369
3311	33.10	-0.305	-0.286	-0.309	-0.355	-0.401	-0.431	-0.451	-0.484	-0.563	-0.705
3321	33.20	-0.896	-1.093	-1.238	-1.283	-1.216	-1.070	-0.909	-0.798	-0.771	-0.811
3331	33.30	-0.858	-0.841	-0.709	-0.486	-0.166	0.107	0.279	0.315	0.237	0.102
3341	33.40	-0.023	-0.100	-0.130	-0.145	-0.183	-0.259	-0.348	-0.402	-0.372	-0.244
3351	33.50	-0.048	0.142	0.246	0.207	0.017	-0.281	-0.618	-0.925	-1.163	-1.323
3361	33.60	-1.422	-1.477	-1.492	-1.453	-1.345	-1.168	-0.948	-0.730	-0.563	-0.471
3371	33.70	-0.447	-0.451	-0.435	-0.367	-0.245	-0.098	0.035	0.130	0.197	0.272
3381	33.80	0.400	0.605	0.876	1.158	1.386	1.506	1.509	1.426	1.320	1.251
3391	33.90	1.248	1.299	1.365	1.399	1.383	1.329	1.281	1.286	1.370	1.521
3401	34.00	1.693	1.824	1.863	1.790	1.622	1.401	1.178	0.992	0.866	0.802
3411	34.10	0.795	0.839	0.925	1.046	1.186	1.316	1.401	1.404	1.300	1.089
3421	34.20	0.790	0.445	0.100	-0.201	-0.434	-0.594	-0.700	-0.785	-0.888	-1.040
3431	34.30	-1.254	-1.523	-1.820	-2.112	-2.368	-2.571	-2.723	-2.836	-2.924	-2.990
3441	34.40	-3.018	-2.986	-2.877	-2.691	-2.462	-2.240	-2.076	-1.997	-1.987	-1.991
3451	34.50	-1.936	-1.766	-1.472	-1.099	-0.736	-0.476	-0.378	-0.442	-0.608	-0.780
3461	34.60	-0.868	-0.826	-0.659	-0.421	-0.183	0.002	0.114	0.174	0.220	0.288
3471	34.70	0.396	0.537	0.693	0.851	1.014	1.201	1.432	1.714	2.029	2.339
3481	34.80	2.599	2.778	2.877	2.924	2.965	3.038	3.156	3.299	3.418	3.458
3491	34.90	3.380	3.179	2.881	2.536	2.199	1.908	1.681	1.509	1.374	1.254

Table 7-3-8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1999 S706-GR-1-5 HB. (HB.) SENDAIGAWA EHB. MAX. ACC. = -33.181 (GAL) T= 3.98 (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)
3501	35.00	1.134	1.010	0.882	0.749	0.606	0.446	0.264	0.062	-0.149	-0.348
3511	35.10	-0.520	-0.658	-0.772	-0.885	-1.022	-1.197	-1.404	-1.616	-1.797	-1.917
3521	35.20	-1.970	-1.981	-2.001	-2.084	-2.265	-2.541	-2.868	-3.172	-3.382	-3.452
3531	35.30	-3.384	-3.222	-3.036	-2.895	-2.833	-2.848	-2.897	-2.922	-2.874	-2.730
3541	35.40	-2.498	-2.206	-1.890	-1.577	-1.275	-0.982	-0.690	-0.398	-0.115	0.144
3551	35.50	0.366	0.545	0.694	0.832	0.985	1.168	1.386	1.628	1.873	2.094
3561	35.60	2.274	2.404	2.491	2.556	2.627	2.733	2.885	3.075	3.268	3.406
3571	35.70	3.431	3.306	3.032	2.663	2.294	2.028	1.946	2.070	2.347	2.670
3581	35.80	2.904	2.945	2.749	2.355	1.868	1.420	1.122	1.023	1.098	1.255
3591	35.90	1.377	1.358	1.142	0.740	0.219	-0.321	-0.784	-1.110	-1.292	-1.378
3601	36.00	-1.448	-1.588	-1.853	-2.250	-2.730	-3.202	-3.569	-3.763	-3.770	-3.639
3611	36.10	-3.461	-3.334	-3.323	-3.435	-3.617	-3.779	-3.837	-3.749	-3.534	-3.260
3621	36.20	-3.015	-2.864	-2.825	-2.856	-2.880	-2.817	-2.615	-2.268	-1.814	-1.309
3631	36.30	-0.809	-0.346	0.071	0.448	0.793	1.109	1.392	1.642	1.867	2.084
3641	36.40	2.312	2.555	2.797	3.004	3.139	3.180	3.136	3.043	2.952	2.899
3651	36.50	2.893	2.902	2.880	2.785	2.611	2.390	2.188	2.061	2.045	2.119
3661	36.60	2.219	2.266	2.198	1.998	1.695	1.354	1.039	0.790	0.611	0.476
3671	36.70	0.355	0.225	0.089	-0.037	-0.138	-0.218	-0.302	-0.426	-0.619	-0.880
3681	36.80	-1.176	-1.451	-1.652	-1.754	-1.771	-1.751	-1.753	-1.820	-1.957	-2.131
3691	36.90	-2.285	-2.363	-2.336	-2.210	-2.022	-1.827	-1.669	-1.571	-1.523	-1.497
3701	37.00	-1.453	-1.360	-1.203	-0.994	-0.762	-0.553	-0.409	-0.360	-0.413	-0.545
3711	37.10	-0.705	-0.833	-0.874	-0.803	-0.633	-0.416	-0.219	-0.104	-0.099	-0.187
3721	37.20	-0.307	-0.387	-0.363	-0.212	0.044	0.347	0.629	0.840	0.963	1.023
3731	37.30	1.068	1.146	1.287	1.491	1.729	1.954	2.119	2.189	2.150	2.013
3741	37.40	1.806	1.567	1.340	1.157	1.036	0.976	0.953	0.931	0.878	0.773
3751	37.50	0.621	0.449	0.289	0.170	0.096	0.046	-0.015	-0.116	-0.261	-0.419
3761	37.60	-0.533	-0.546	-0.426	-0.184	0.121	0.404	0.588	0.629	0.532	0.346
3771	37.70	0.139	-0.027	-0.123	-0.148	-0.127	-0.087	-0.047	-0.012	0.015	0.025
3781	37.80	-0.004	-0.104	-0.296	-0.579	-0.912	-1.230	-1.457	-1.540	-1.470	-1.287
3791	37.90	-1.064	-0.882	-0.795	-0.815	-0.912	-1.031	-1.119	-1.145	-1.107	-1.027
3801	38.00	-0.939	-0.866	-0.821	-0.798	-0.786	-0.776	-0.763	-0.745	-0.719	-0.676
3811	38.10	-0.605	-0.497	-0.354	-0.190	-0.032	0.097	0.183	0.233	0.272	0.331
3821	38.20	0.433	0.580	0.750	0.903	0.999	1.013	0.949	0.834	0.712	0.621
3831	38.30	0.586	0.606	0.659	0.714	0.745	0.739	0.704	0.662	0.641	0.666
3841	38.40	0.737	0.852	0.985	1.105	1.185	1.210	1.182	1.117	1.042	0.980
3851	38.50	0.947	0.941	0.944	0.933	0.883	0.786	0.647	0.489	0.337	0.213
3861	38.60	0.120	0.047	-0.031	-0.137	-0.281	-0.459	-0.646	-0.809	-0.922	-0.970
3871	38.70	-0.957	-0.903	-0.829	-0.755	-0.685	-0.617	-0.539	-0.445	-0.338	-0.231
3881	38.80	-0.144	-0.096	-0.094	-0.131	-0.190	-0.245	-0.275	-0.274	-0.247	-0.213
3891	38.90	-0.197	-0.217	-0.283	-0.392	-0.529	-0.675	-0.810	-0.923	-1.008	-1.066
3901	39.00	-1.101	-1.116	-1.112	-1.090	-1.046	-0.979	-0.890	-0.783	-0.666	-0.553
3911	39.10	-0.457	-0.393	-0.365	-0.369	-0.384	-0.381	-0.330	-0.217	-0.049	0.134
3921	39.20	0.281	0.339	0.287	0.148	-0.013	-0.107	-0.057	0.168	0.532	0.949
3931	39.30	1.307	1.521	1.565	1.484	1.365	1.302	1.340	1.462	1.591	1.633
3941	39.40	1.527	1.278	0.959	0.676	0.522	0.529	0.658	0.819	0.924	0.925
3951	39.50	0.838	0.727	0.660	0.666	0.716	0.732	0.637	0.397	0.053	-0.299
3961	39.60	-0.547	-0.625	-0.549	-0.411	-0.337	-0.419	-0.672	-1.022	-1.342	-1.514
3971	39.70	-1.489	-1.309	-1.082	-0.927	-0.914	-1.031	-1.200	-1.319	-1.318	-1.198
3981	39.80	-1.024	-0.885	-0.847	-0.914	-1.030	-1.111	-1.096	-0.979	-0.813	-0.681
3991	39.90	-0.646	-0.719	-0.848	-0.948	-0.945	-0.815	-0.594	-0.358	-0.182	-0.101

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

INDEX NO. 1999 S706-GR-1-5 HB. (HB.) SENDAIGAWA EMB. MAX. ACC. = -33.181 (GAL) T= 3.98 (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)
4001	40.00	-0.095	-0.101	-0.052	0.087	0.299	0.529	0.712	0.811	0.840	0.857
4011	40.10	0.937	1.134	1.457	1.858	2.250	2.540	2.658	2.578	2.328	1.974
4021	40.20	1.603	1.298	1.117	1.079	1.155	1.281	1.373	1.358	1.198	0.913
4031	40.30	0.570	0.258	0.052	-0.022	-0.005	0.018	-0.047	-0.254	-0.592	-0.985
4041	40.40	-1.328	-1.536	-1.590	-1.507	-1.405	-1.364	-1.428	-1.574	-1.728	-1.802
4051	40.50	-1.741	-1.544	-1.265	-0.978	-0.743	-0.577	-0.461	-0.357	-0.244	-0.133
4061	40.60	-0.058	-0.054	-0.123	-0.227	-0.296	-0.265	-0.107	0.149	0.427	0.639
4071	40.70	0.733	0.709	0.623	0.551	0.545	0.609	0.700	0.750	0.713	0.591
4081	40.80	0.435	0.318	0.291	0.358	0.464	0.525	0.472	0.286	0.011	-0.263
4091	40.90	-0.441	-0.467	-0.344	-0.129	0.095	0.254	0.308	0.257	0.127	-0.047
4101	41.00	-0.236	-0.421	-0.584	-0.706	-0.767	-0.752	-0.668	-0.545	-0.433	-0.379
4111	41.10	-0.406	-0.500	-0.618	-0.706	-0.728	-0.685	-0.612	-0.564	-0.580	-0.668
4121	41.20	-0.796	-0.908	-0.954	-0.907	-0.780	-0.611	-0.448	-0.322	-0.237	-0.178
4131	41.30	-0.122	-0.053	0.033	0.128	0.230	0.341	0.478	0.653	0.863	1.085
4141	41.40	1.280	1.406	1.440	1.388	1.278	1.151	1.033	0.930	0.827	0.706
4151	41.50	0.565	0.426	0.334	0.328	0.422	0.587	0.760	0.867	0.858	0.732
4161	41.60	0.541	0.361	0.259	0.257	0.322	0.380	0.359	0.223	0.002	-0.223
4171	41.70	-0.350	-0.310	-0.096	0.221	0.527	0.707	0.696	0.505	0.216	-0.059
4181	41.80	-0.224	-0.243	-0.151	-0.033	0.019	-0.053	-0.245	-0.491	-0.703	-0.803
4191	41.90	-0.766	-0.626	-0.455	-0.334	-0.308	-0.373	-0.478	-0.557	-0.563	-0.493
4201	42.00	-0.388	-0.312	-0.318	-0.417	-0.574	-0.721	-0.789	-0.743	-0.591	-0.385
4211	42.10	-0.188	-0.048	0.020	0.037	0.034	0.034	0.036	0.013	-0.062	-0.196
4221	42.20	-0.361	-0.500	-0.547	-0.466	-0.257	0.023	0.303	0.518	0.664	0.699
4231	42.30	0.732	0.789	0.887	1.002	1.085	1.085	0.981	0.796	0.589	0.424
4241	42.40	0.345	0.350	0.401	0.444	0.433	0.360	0.250	0.149	0.095	0.098
4251	42.50	0.133	0.153	0.111	-0.015	-0.211	-0.433	-0.624	-0.737	-0.750	-0.676
4261	42.60	-0.552	-0.427	-0.342	-0.322	-0.369	-0.466	-0.579	-0.676	-0.730	-0.734
4271	42.70	-0.695	-0.638	-0.591	-0.572	-0.579	-0.592	-0.577	-0.511	-0.388	-0.237
4281	42.80	-0.105	-0.043	-0.080	-0.207	-0.376	-0.516	-0.568	-0.503	-0.340	-0.133
4291	42.90	0.049	0.154	0.164	0.097	-0.005	-0.095	-0.141	-0.134	-0.079	0.009
4301	43.00	0.119	0.240	0.362	0.471	0.545	0.566	0.529	0.452	0.369	0.321
4311	43.10	0.335	0.410	0.516	0.607	0.641	0.601	0.499	0.369	0.245	0.142
4321	43.20	0.053	-0.043	-0.161	-0.292	-0.399	-0.435	-0.366	-0.199	0.018	0.210
4331	43.30	0.309	0.286	0.167	0.022	-0.069	-0.056	0.058	0.220	0.351	0.393
4341	43.40	0.330	0.195	0.051	-0.050	-0.094	-0.109	-0.149	-0.252	-0.416	-0.591
4351	43.50	-0.700	-0.684	-0.532	-0.301	-0.087	0.020	-0.022	-0.176	-0.345	-0.418
4361	43.60	-0.322	-0.070	0.248	0.499	0.572	0.429	0.127	-0.204	-0.420	-0.423
4371	43.70	-0.200	0.175	0.577	0.890	1.068	1.055	0.973	0.878	0.825	0.827
4381	43.80	0.855	0.870	0.842	0.777	0.706	0.667	0.683	0.746	0.816	0.846
4391	43.90	0.799	0.664	0.463	0.232	0.009	-0.184	-0.340	-0.468	-0.573	-0.657
4401	44.00	-0.713	-0.734	-0.721	-0.686	-0.651	-0.638	-0.664	-0.735	-0.846	-0.987
4411	44.10	-1.145	-1.304	-1.437	-1.512	-1.490	-1.348	-1.090	-0.762	-0.445	-0.229
4421	44.20	-0.181	-0.310	-0.559	-0.818	-0.970	-0.939	-0.724	-0.400	-0.093	0.079
4431	44.30	0.054	-0.150	-0.445	-0.707	-0.832	-0.771	-0.538	-0.201	0.157	0.470
4441	44.40	0.701	0.843	0.904	0.896	0.830	0.722	0.604	0.520	0.521	0.635
4451	44.50	0.851	1.114	1.343	1.463	1.440	1.298	1.107	0.949	0.880	0.902
4461	44.60	0.962	0.988	0.924	0.766	0.571	0.422	0.394	0.505	0.711	0.918
4471	44.70	1.034	1.005	0.847	0.632	0.452	0.369	0.388	0.451	0.472	0.377
4481	44.80	0.146	-0.183	-0.530	-0.811	-0.977	-1.033	-1.026	-1.017	-1.053	-1.145
4491	44.90	-1.276	-1.416	-1.544	-1.663	-1.787	-1.930	-2.083	-2.210	-2.260	-2.193

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

INDEX NO. 1999 S706-GR-1-5 HB. (HB.) SENDAIGAWA EMB. MAX. ACC. = -33.181 (GAL) T= 3.98 (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)
4501	45.00	-2.002	-1.719	-1.404	-1.118	-0.894	-0.726	-0.577	-0.404	-0.186	0.062
4511	45.10	0.291	0.450	0.510	0.485	0.423	0.387	0.418	0.521	0.662	0.790
4521	45.20	0.873	0.912	0.946	1.021	1.162	1.349	1.520	1.599	1.538	1.347
4531	45.30	1.100	0.901	0.841	0.950	1.178	1.422	1.566	1.544	1.365	1.108
4541	45.40	0.884	0.775	0.802	0.909	1.001	0.990	0.843	0.594	0.327	0.131
4551	45.50	0.052	0.071	0.118	0.106	-0.020	-0.260	-0.561	-0.841	-1.036	-1.126
4561	45.60	-1.138	-1.127	-1.146	-1.219	-1.332	-1.452	-1.551	-1.623	-1.686	-1.770
4571	45.70	-1.891	-2.036	-2.161	-2.217	-2.167	-2.016	-1.801	-1.580	-1.403	-1.285
4581	45.80	-1.206	-1.125	-1.004	-0.830	-0.623	-0.423	-0.264	-0.154	-0.070	0.035
4591	45.90	0.203	0.451	0.761	1.085	1.367	1.568	1.681	1.729	1.749	1.777
4601	46.00	1.827	1.894	1.956	1.993	1.991	1.950	1.876	1.777	1.661	1.535
4611	46.10	1.412	1.310	1.249	1.245	1.294	1.376	1.450	1.474	1.416	1.268
4621	46.20	1.043	0.772	0.485	0.205	-0.058	-0.300	-0.518	-0.702	-0.839	-0.924
4631	46.30	-0.962	-0.973	-0.987	-1.026	-1.096	-1.180	-1.249	-1.279	-1.267	-1.237
4641	46.40	-1.228	-1.277	-1.390	-1.540	-1.668	-1.712	-1.638	-1.455	-1.218	-1.006
4651	46.50	-0.885	-0.884	-0.981	-1.123	-1.245	-1.308	-1.307	-1.269	-1.230	-1.212
4661	46.60	-1.207	-1.183	-1.101	-0.946	-0.730	-0.499	-0.307	-0.188	-0.144	-0.142
4671	46.70	-0.131	-0.070	0.052	0.213	0.374	0.499	0.580	0.643	0.736	0.903
4681	46.80	1.160	1.485	1.824	2.110	2.290	2.347	2.295	2.170	2.014	1.857
4691	46.90	1.712	1.582	1.472	1.392	1.354	1.366	1.419	1.481	1.509	1.464
4701	47.00	1.331	1.127	0.895	0.686	0.534	0.437	0.361	0.258	0.092	-0.138
4711	47.10	-0.392	-0.602	-0.705	-0.670	-0.522	-0.327	-0.175	-0.138	-0.242	-0.460
4721	47.20	-0.724	-0.955	-1.099	-1.145	-1.124	-1.091	-1.094	-1.154	-1.251	-1.342
4731	47.30	-1.378	-1.330	-1.201	-1.028	-0.862	-0.751	-0.722	-0.774	-0.880	-1.005
4741	47.40	-1.116	-1.193	-1.227	-1.222	-1.183	-1.113	-1.016	-0.897	-0.766	-0.640
4751	47.50	-0.537	-0.470	-0.443	-0.442	-0.442	-0.410	-0.320	-0.162	0.053	0.290
4761	47.60	0.506	0.658	0.725	0.714	0.665	0.633	0.673	0.817	1.057	1.344
4771	47.70	1.609	1.781	1.824	1.744	1.593	1.443	1.357	1.361	1.436	1.527
4781	47.80	1.573	1.539	1.430	1.289	1.171	1.111	1.100	1.088	1.007	0.808
4791	47.90	0.494	0.124	-0.205	-0.408	-0.451	-0.372	-0.267	-0.248	-0.388	-0.681
4801	48.00	-1.049	-1.370	-1.541	-1.525	-1.371	-1.189	-1.099	-1.168	-1.380	-1.638
4811	48.10	-1.813	-1.800	-1.575	-1.201	-0.801	-0.504	-0.387	-0.446	-0.602	-0.746
4821	48.20	-0.786	-0.687	-0.478	-0.235	-0.034	0.076	0.091	0.045	-0.018	-0.064
4831	48.30	-0.085	-0.090	-0.091	-0.086	-0.057	0.021	0.157	0.339	0.522	0.652
4841	48.40	0.687	0.618	0.475	0.319	0.208	0.181	0.233	0.329	0.416	0.456
4851	48.50	0.435	0.374	0.312	0.285	0.312	0.385	0.479	0.561	0.613	0.629
4861	48.60	0.621	0.603	0.583	0.555	0.509	0.433	0.326	0.201	0.081	-0.011
4871	48.70	-0.061	-0.071								

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

INDEX NO. 2003 101-GR-1-122 HA. (HA.) SHINKATSUSHIKA B MAX. ACC. = 120.588 (GAL) T= 11.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.749	0.979	3.518	4.664	3.740	0.981	-2.481	-5.087	-5.563	-3.538
11	0.10	0.237	4.191	6.627	6.486	3.820	-0.247	-4.034	-6.050	-5.610	-3.054
21	0.20	0.497	3.686	5.496	5.583	4.263	2.230	0.186	-1.407	-2.378	-2.743
31	0.30	-2.566	-1.903	-0.846	0.393	1.464	1.997	1.794	0.982	0.005	-0.583
41	0.40	-0.433	0.363	1.269	1.574	0.811	-0.915	-2.894	-4.130	-3.861	-2.017
51	0.50	0.668	2.975	3.799	2.736	0.312	-2.267	-3.744	-3.479	-1.789	0.217
61	0.60	1.260	0.615	-1.449	-3.759	-4.831	-3.660	-0.279	4.200	8.097	9.965
71	0.70	9.255	6.526	3.102	0.380	-0.836	-0.631	0.206	0.718	0.334	-0.860
81	0.80	-2.259	-3.172	-3.262	-2.733	-2.147	-1.998	-2.314	-2.544	-1.834	0.456
91	0.90	4.264	8.669	12.186	13.389	11.576	7.138	1.451	-3.673	-6.726	-7.089
101	1.00	-5.225	-2.401	-0.094	0.642	-0.426	-2.676	-4.966	-6.143	-5.526	-3.162
111	1.10	0.214	3.483	5.579	5.884	4.444	1.929	-0.654	-2.373	-2.747	-1.937
121	1.20	-0.645	0.231	0.052	-1.223	-2.976	-4.208	-4.036	-2.175	0.853	3.900
131	1.30	5.709	5.520	3.454	0.472	-2.085	-3.157	-2.478	-0.682	1.064	1.702
141	1.40	0.866	-0.922	-2.540	-2.891	-1.526	1.089	3.795	5.349	5.081	3.235
151	1.50	0.823	-0.952	-1.365	-0.562	0.531	0.753	-0.602	-3.330	-6.351	-8.223
161	1.60	-7.871	-5.155	-0.960	3.205	5.914	6.455	5.086	2.805	0.794	-0.170
171	1.70	-0.030	0.638	1.023	0.555	-0.797	-2.548	-3.982	-4.531	-4.031	-2.760
181	1.80	-1.248	-0.019	0.614	0.606	0.100	-0.692	-1.574	-2.366	-2.866	-2.839
191	1.90	-2.073	-0.501	1.682	4.006	5.841	6.610	6.015	4.157	1.505	-1.275
201	2.00	-3.545	-4.884	-5.170	-4.552	-3.357	-1.981	-0.799	-0.091	0.019	-0.385
211	2.10	-1.013	-1.433	-1.235	-0.227	1.419	3.175	4.341	4.364	3.125	1.060
221	2.20	-0.996	-2.175	-1.993	-0.608	1.230	2.530	2.536	1.092	-1.285	-3.673
231	2.30	-5.196	-5.437	-4.583	-3.255	-2.115	-1.500	-1.269	-0.958	-0.123	1.318
241	2.40	2.978	4.183	4.348	3.338	1.582	-0.114	-0.990	-0.725	0.380	1.578
251	2.50	2.083	1.508	0.093	-1.416	-2.157	-1.618	0.076	2.211	3.826	4.175
261	2.60	3.083	0.998	-1.237	-2.795	-3.221	-2.577	-1.335	-0.089	0.734	1.029
271	2.70	0.979	0.879	0.931	1.131	1.292	1.177	0.647	-0.235	-1.219	-1.964
281	2.80	-2.177	-1.732	-0.721	0.564	1.712	2.320	2.114	1.049	-0.647	-2.530
291	2.90	-4.074	-4.854	-4.714	-3.825	-2.609	-1.536	-0.890	-0.635	-0.446	0.085
301	3.00	1.165	2.607	3.849	4.204	3.235	1.060	-1.594	-3.657	-4.189	-2.848
311	3.10	-0.101	2.936	4.994	5.218	3.567	0.814	-1.830	-3.290	-3.109	-1.601
321	3.20	0.381	1.928	2.537	2.315	1.819	1.658	2.078	2.791	3.139	2.507
331	3.30	0.753	-1.612	-3.609	-4.273	-3.183	-0.750	1.912	3.494	3.166	0.942
341	3.40	-2.084	-4.377	-4.584	-2.224	2.021	6.535	9.446	9.425	6.277	1.049
351	3.50	-4.397	-8.138	-8.959	-6.806	-2.748	1.512	4.351	4.854	3.107	0.065
361	3.60	-2.915	-4.656	-4.605	-2.975	-0.561	1.656	2.914	2.934	1.934	0.448
371	3.70	-0.948	-1.859	-2.154	-1.905	-1.259	-0.336	0.793	2.022	3.130	3.751
381	3.80	3.479	2.067	-0.368	-3.261	-5.716	-6.808	-5.972	-3.282	0.489	4.120
391	3.90	6.383	6.532	4.596	1.379	-1.866	-3.930	-4.115	-2.479	0.234	2.931
401	4.00	4.613	4.749	3.422	1.229	-1.001	-2.532	-2.955	-2.267	-0.792	0.979
411	4.10	2.551	3.545	3.746	3.112	1.773	0.011	-1.768	-3.121	-3.680	-3.294
421	4.20	-2.107	-0.546	0.821	1.503	1.286	0.335	-0.875	-1.767	-1.927	-1.287
431	4.30	-0.151	0.964	1.584	1.504	0.870	0.066	-0.520	-0.727	-0.711	-0.831
441	4.40	-1.396	-2.401	-3.429	-3.809	-2.956	-0.759	2.222	4.883	6.018	4.887
451	4.50	1.643	-2.616	-6.242	-7.726	-6.381	-2.697	1.833	5.332	6.367	4.572
461	4.60	0.805	-3.254	-5.866	-6.008	-3.790	-0.338	2.781	4.311	3.863	2.025
471	4.70	-0.006	-1.068	-0.617	1.027	2.878	3.821	3.186	1.088	-1.614	-3.746
481	4.80	-4.370	-3.218	-0.796	1.861	3.661	3.923	2.630	0.378	-1.933	-3.500
491	4.90	-3.931	-3.350	-2.259	-1.261	-0.766	-0.821	-1.113	-1.158	-0.561	0.744

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

INDEX NO. 2003 101-GR-1-122 HA. (HA.) SHINKATSUSHIKA B MAX. ACC. = 120.588 (GAL) T= 11.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.406	3.749	4.040	2.818	0.174	-3.184	-6.108	-7.415	-6.369	-3.041
511	5.10	1.627	6.115	8.890	9.018	6.569	2.602	-1.257	-3.504	-3.385	-1.204
521	5.20	1.849	4.257	4.880	3.451	0.659	-2.224	-3.972	-3.982	-2.520	-0.539
531	5.30	0.829	0.841	-0.519	-2.581	-4.360	-5.051	-4.397	-2.733	-0.744	0.935
541	5.40	2.029	2.679	3.240	3.956	4.713	5.037	4.347	2.343	-0.714	-3.979
551	5.50	-6.322	-6.805	-5.135	-1.847	1.869	4.639	5.462	4.112	1.218	-2.018
561	5.60	-4.320	-4.849	-3.512	-0.966	1.681	3.320	3.282	1.590	-1.043	-3.474
571	5.70	-4.539	-3.489	-0.290	4.295	8.907	12.004	12.375	9.591	4.211	-2.343
581	5.80	-8.223	-11.779	-12.130	-9.468	-4.964	-0.292	3.018	4.159	3.297	1.395
591	5.90	-0.295	-0.847	-0.076	1.420	2.613	2.623	1.210	-1.050	-3.020	-3.559
601	6.00	-2.119	0.913	4.328	6.599	6.576	4.024	-0.249	-4.725	-7.838	-8.637
611	6.10	-7.152	-4.305	-1.423	0.397	0.765	0.096	-0.685	-0.681	0.508	2.586
621	6.20	4.735	6.045	5.972	4.580	2.467	0.434	-0.920	-1.445	-1.427	-1.325
631	6.30	-1.444	-1.726	-1.792	-1.208	0.188	2.085	3.767	4.440	3.642	1.539
641	6.40	-1.089	-3.165	-3.815	-2.804	-0.681	1.440	2.387	1.479	-1.123	-4.441
651	6.50	-7.066	-7.758	-5.967	-2.086	2.696	6.843	9.080	8.840	6.451	2.951
661	6.60	-0.349	-2.387	-2.733	-1.707	-0.188	0.795	0.511	-1.151	-3.628	-5.914
671	6.70	-6.972	-6.172	-3.563	0.120	3.737	6.174	6.762	5.495	2.981	0.147
681	6.80	-2.151	-3.437	-3.718	-3.358	-2.812	-2.366	-2.033	-1.625	-0.946	0.015
691	6.90	1.027	1.728	1.833	1.333	0.534	-0.082	-0.118	0.503	1.468	2.220
701	7.00	2.252	1.400	-0.038	-1.417	-2.062	-1.610	-0.211	1.531	2.845	3.164
711	7.10	2.387	0.910	-0.597	-1.525	-1.623	-1.085	-0.408	-0.106	-0.445	-1.319
721	7.20	-2.341	-3.056	-3.169	-2.655	-1.710	-0.603	0.475	1.456	2.327	3.006
731	7.30	3.262	2.780	1.344	-0.944	-3.551	-5.617	-6.258	-4.960	-1.880	2.116
741	7.40	5.714	7.634	7.129	4.292	0.030	-4.268	-7.248	-8.058	-6.611	-3.534
751	7.50	0.115	3.256	5.138	5.515	4.635	3.062	1.443	0.296	-0.122	0.151
761	7.60	0.833	1.503	1.746	1.293	0.141	-1.416	-2.846	-3.543	-3.067	-1.342
771	7.70	1.242	3.909	5.749	6.048	4.578	1.722	-1.640	-4.434	-5.787	-5.332
781	7.80	-3.325	-0.521	2.126	3.804	4.103	3.086	1.195	-0.953	-2.773	-3.845
791	7.90	-3.962	-3.115	-1.463	0.677	2.846	4.501	5.140	4.492	2.677	0.246
801	8.00	-1.968	-3.165	-2.936	-1.490	0.386	1.664	1.569	0.001	-2.347	-4.272
811	8.10	-4.635	-2.968	0.205	3.532	5.440	4.916	2.076	-1.789	-4.755	-5.173
821	8.20	-2.501	2.339	7.314	10.177	9.517	5.450	-0.397	-5.615	-8.116	-7.088
831	8.30	-3.351	1.069	3.917	3.777	0.721	-3.770	-7.546	-8.819	-6.985	-2.870
841	8.40	1.714	4.832	5.307	3.202	-0.296	-3.478	-4.903	-3.999	-1.228	2.210
851	8.50	4.944	6.007	5.155	2.850	-0.027	-2.581	-4.219	-4.792	-4.526	-3.838
861	8.60	-3.123	-2.607	-2.299	-2.043	-1.622	-0.876	0.208	1.472	2.638	3.406
871	8.70	3.582	3.153	2.294	1.283	0.368	-0.336	-0.862	-1.300	-1.653	-1.745
881	8.80	-1.259	0.064	2.173	4.541	6.236	6.272	4.106	0.051	-4.643	-8.171
891	8.90	-8.894	-6.114	-0.522	5.942	10.814	12.129	9.290	3.355	-3.391	-8.426
901	9.00	-10.081	-8.224	-4.240	-0.307	1.653	0.867	-1.990	-5.194	-6.860	-5.852
911	9.10	-2.311	2.466	6.664	8.792	8.294	5.677	2.138	-1.068	-3.178	-4.122
921	9.20	-4.336	-4.333	-4.318	-4.074	-3.159	-1.292	1.322	3.953	5.626	5.606
931	9.30	3.818	0.978	-1.669	-2.890	-2.038	0.628	4.033	6.758	7.668	6.423
941	9.40	3.610	0.466	-1.691	-2.044	-0.618	1.780	3.972	4.958	4.363	2.561
951	9.50	0.441	-1.051	-1.375	-0.636	0.499	1.158	0.699	-0.967	-3.340	-5.567
961	9.60	-6.823	-6.657	-5.136	-2.746	-0.126	2.218	4.068	5.466	6.547	7.353
971	9.70	7.752	7.493	6.381	4.431	1.922	-0.688	-2.957	-4.629	-5.709	-6.386
981	9.80	-6.884	-7.307	-7.601	-7.612	-7.226	-6.450	-5.408	-4.218	-2.867	-1.160
991	9.90	1.168	4.239	7.817	11.254	13.652	14.212	12.597	9.133	4.720	0.485

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

INDEX NO. 2003 101-GR-1-122 HA. (HA.) SHINKATSUSHIKA B MAX. ACC. = 120.588 (GAL) T= 11.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.667	-4.374	-4.875	-4.784	-4.716	-4.981	-5.481	-5.864	-5.779	-5.098
1011	10.10	-3.939	-2.520	-0.959	0.821	2.973	5.471	7.881	9.367	9.000	6.254
1021	10.20	1.444	-4.192	-8.874	-11.010	-9.932	-6.258	-1.667	1.858	2.951	1.506
1031	10.30	-1.310	-3.671	-4.054	-2.037	1.462	4.646	5.760	4.002	-0.046	-4.674
1041	10.40	-7.872	-8.289	-5.853	-1.763	2.134	4.232	3.867	1.526	-1.528	-3.945
1051	10.50	-4.935	-4.533	-3.403	-2.324	-1.682	-1.256	-0.402	1.482	4.478	7.938
1061	10.60	10.673	11.457	9.602	5.332	-0.237	-5.498	-8.960	-9.809	-8.175	-5.029
1071	10.70	-1.754	0.407	0.817	-0.358	-2.273	-3.782	-3.913	-2.237	0.982	4.927
1081	10.80	8.577	11.108	12.164	12.004	11.110	10.048	9.063	7.979	6.347	3.763
1091	10.90	0.206	-3.804	-7.349	-9.507	-9.826	-8.639	-7.046	-6.527	-8.357	-13.053
1101	11.00	-20.115	-28.176	-35.499	-40.607	-42.802	-42.370	-40.409	-38.382	-37.544	-38.451
1111	11.10	-40.673	-42.802	-42.733	-38.162	-27.338	-9.490	14.545	42.368	70.408	94.741
1121	11.20	112.074	120.588	120.300	112.833	100.675	86.270	71.310	56.512	41.900	27.349
1131	11.30	13.044	-0.419	-12.319	-22.261	-30.440	-37.484	-43.902	-49.453	-52.876	-52.284
1141	11.40	-46.147	-34.457	-19.422	-5.223	3.237	2.133	-9.684	-30.039	-54.040	-75.677
1151	11.50	-89.738	-93.205	-85.666	-68.754	-45.121	-17.584	11.152	38.236	60.364	73.969
1161	11.60	76.166	66.179	46.520	23.095	3.832	-3.889	3.956	26.193	56.506	85.473
1171	11.70	103.860	105.816	90.705	62.906	29.794	-1.089	-24.457	-38.382	-43.867	-43.424
1181	11.80	-39.555	-33.912	-27.425	-21.076	-16.645	-16.780	-24.161	-40.072	-63.065	-88.454
1191	11.90	-109.072	-117.185	-106.988	-76.837	-30.427	23.557	73.350	107.118	116.306	98.374
1201	12.00	58.051	6.553	-41.255	-71.105	-73.793	-48.380	-2.870	48.101	88.028	104.179
1211	12.10	92.066	57.014	12.114	-26.727	-46.747	-42.948	-19.560	12.158	38.760	50.017
1221	12.20	42.620	20.768	-6.358	-28.915	-40.483	-40.189	-32.133	-22.717	-17.319	-17.943
1231	12.30	-22.827	-27.946	-29.451	-25.712	-17.993	-9.560	-3.835	-2.658	-5.529	-10.141
1241	12.40	-13.790	-14.827	-13.363	-10.903	-9.189	-8.968	-9.394	-8.412	-3.917	4.940
1251	12.50	17.036	29.534	39.035	43.058	41.132	34.957	27.575	21.959	19.685	20.312
1261	12.60	21.722	21.235	16.940	8.631	-2.067	-12.401	-19.673	-22.336	-20.550	-15.964
1271	12.70	-10.903	-7.340	-6.130	-6.821	-8.034	-8.205	-6.281	-2.093	3.731	10.159
1281	12.80	16.194	21.127	24.499	25.909	24.900	21.083	14.515	6.088	-2.389	-8.636
1291	12.90	-10.812	-8.499	-3.213	1.963	3.632	-0.267	-9.217	-20.027	-28.095	-29.585
1301	13.00	-23.486	-12.459	-1.869	2.701	-1.665	-13.408	-26.809	-34.517	-31.160	-16.307
1311	13.10	4.837	23.553	31.712	25.920	9.594	-8.249	-17.136	-10.335	11.411	39.545
1321	13.20	61.153	64.718	45.547	8.275	-34.796	-68.818	-82.644	-73.331	-46.913	-15.206
1331	13.30	9.700	20.630	17.838	7.899	-0.202	0.313	10.949	27.732	43.671	52.380
1341	13.40	50.970	40.846	26.303	11.925	0.332	-8.559	-16.547	-25.231	-34.430	-41.934
1351	13.50	-44.748	-41.056	-31.718	-20.303	-11.533	-8.866	-12.523	-19.050	-22.780	-18.553
1361	13.60	-4.400	17.130	39.697	55.678	59.334	49.248	28.942	5.468	-13.401	-22.149
1371	13.70	-19.439	-8.278	5.539	15.941	18.997	14.279	4.720	-4.854	-9.866	-7.893
1381	13.80	0.382	11.530	20.831	24.242	20.060	9.629	-3.192	-13.583	-17.713	-14.289
1391	13.90	-5.082	5.776	13.420	14.134	6.718	-7.166	-23.748	-38.608	-48.221	-50.969
1401	14.00	-47.342	-39.375	-29.680	-20.518	-13.186	-7.849	-3.697	0.688	6.854	15.937
1411	14.10	28.092	42.036	54.961	63.065	62.704	51.930	31.779	6.630	-16.788	-31.595
1421	14.20	-33.398	-22.250	-2.945	16.675	28.831	29.045	18.058	1.475	-12.772	-18.063
1431	14.30	-12.150	1.773	16.535	24.329	20.360	5.098	-15.931	-34.720	-44.475	-42.703
1441	14.40	-32.220	-19.662	-12.213	-14.137	-24.739	-38.669	-48.382	-47.570	-33.979	-10.379
1451	14.50	16.647	39.441	52.232	53.062	43.976	29.626	15.119	4.144	-1.880	-3.506
1461	14.60	-2.260	0.379	3.469	6.446	8.650	9.019	6.325	-0.102	-9.568	-19.705
1471	14.70	-27.003	-28.114	-21.375	-7.817	8.924	23.858	32.571	32.988	26.158	15.704
1481	14.80	6.196	1.203	1.913	6.906	13.122	17.443	18.120	15.333	10.718	6.191
1491	14.90	2.765	0.020	-3.509	-9.261	-17.518	-26.867	-34.583	-37.788	-34.805	-26.014

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

INDEX NO. 2003 101-GR-1-122 HA. (HA.) SHINKATSUSHIKA B MAX. ACC. = 120.588 (GAL) T= 11.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-13.776	-1.451	8.013	13.235	14.753	14.465	14.465	15.896	18.380	20.273
1511	15.10	19.568	14.970	6.615	-3.892	-14.092	-21.592	-24.872	-23.654	-18.744	-11.559
1521	15.20	-3.587	3.954	10.211	14.631	16.882	16.884	14.914	11.667	8.145	5.345
1531	15.30	3.853	3.544	3.584	2.779	0.153	-4.506	-10.405	-15.953	-19.359	-19.377
1541	15.40	-15.882	-10.003	-3.765	0.657	1.757	-0.720	-5.668	-11.014	-14.487	-14.449
1551	15.50	-10.496	-3.600	4.269	10.893	14.639	15.065	13.029	10.273	8.619	9.128
1561	15.60	11.575	14.499	15.817	13.775	7.796	-1.148	-10.831	-18.646	-22.652	-22.347
1571	15.70	-18.811	-14.148	-10.497	-9.063	-9.625	-10.727	-10.455	-7.421	-1.498	6.042
1581	15.80	13.003	17.147	17.058	12.645	5.108	-3.556	-11.235	-16.303	-17.938	-16.138
1591	15.90	-11.546	-5.208	1.624	7.669	11.807	13.312	12.089	8.779	4.636	1.133
1601	16.00	-0.575	-0.127	1.878	4.125	5.155	4.036	0.789	-3.616	-7.716	-10.237
1611	16.10	-10.670	-9.454	-7.671	-6.411	-6.127	-6.319	-5.727	-2.948	2.808	11.201
1621	16.20	20.739	29.275	34.813	36.254	33.743	28.499	22.209	16.306	11.449	7.446
1631	16.30	3.589	-0.785	-5.833	-11.076	-15.662	-18.875	-20.611	-21.537	-22.831	-25.587
1641	16.40	-30.159	-35.770	-40.600	-42.369	-39.205	-30.440	-17.015	-1.303	13.589	24.790
1651	16.50	30.549	30.715	26.679	20.819	15.684	13.195	14.141	18.066	23.559	28.783
1661	16.60	32.064	32.357	29.472	24.031	17.188	10.229	4.158	-0.593	-4.241	-7.496
1671	16.70	-11.208	-15.933	-21.592	-27.354	-31.815	-33.450	-31.181	-24.853	-15.429	-4.804
1681	16.80	4.722	11.134	13.321	11.392	6.588	0.815	-4.015	-6.605	-6.631	-4.731
1691	16.90	-2.143	-0.156	0.407	-0.515	-2.262	-3.790	-4.155	-2.952	-0.500	2.290
1701	17.00	4.330	4.870	3.896	2.215	1.180	2.122	5.745	11.715	18.648	24.526
1711	17.10	27.390	26.039	20.457	11.794	1.933	-7.189	-14.199	-18.611	-20.762	-21.431
1721	17.20	-21.361	-20.922	-20.066	-18.530	-16.175	-13.210	-10.189	-7.763	-6.327	-5.761
1731	17.30	-5.445	-4.536	-2.414	0.959	4.943	8.481	10.584	10.820	9.565	7.855
1741	17.40	6.915	7.578	9.870	12.983	15.641	16.709	15.719	13.077	9.838	7.154
1751	17.50	5.691	5.300	5.121	4.063	1.421	-2.699	-7.383	-11.337	-13.542	-13.779
1761	17.60	-12.740	-11.637	-11.508	-12.567	-13.973	-14.174	-11.703	-6.045	1.879	9.888
1771	17.70	15.359	16.339	12.437	5.066	-3.090	-9.169	-11.277	-9.193	-4.321	1.036
1781	17.80	4.709	5.514	3.566	-0.031	-3.849	-6.793	-8.409	-8.751	-7.990	-6.072
1791	17.90	-2.700	2.333	8.671	15.115	19.809	20.909	17.446	9.958	0.505	-8.008
1801	18.00	-12.975	-13.166	-9.266	-3.590	0.888	1.765	-1.849	-9.073	-17.722	-25.243
1811	18.10	-29.650	-30.068	-28.725	-20.533	-12.557	-3.673	5.468	14.246	21.904	27.574
1821	18.20	30.565	30.728	28.669	25.612	22.909	21.407	21.014	20.695	18.964	14.646
1831	18.30	7.558	-1.251	-9.817	-16.031	-18.483	-17.023	-12.785	-7.685	-3.657	-1.954
1841	18.40	-2.825	-5.623	-9.249	-12.668	-15.153	-16.533	-16.822	-16.073	-14.225	-11.141
1851	18.50	-6.796	-1.474	4.170	9.226	12.802	14.317	13.698	11.379	8.140	4.842
1861	18.60	2.184	0.568	0.072	0.533	1.648	3.071	4.468	5.551	6.105	6.013
1871	18.70	5.284	4.050	2.535	0.986	-0.391	-1.486	-2.291	-2.870	-3.319	-3.734
1881	18.80	-4.205	-4.831	-5.724	-6.986	-8.650	-10.601	-12.521	-13.899	-14.136	-12.717
1891	18.90	-9.417	-4.445	1.528	7.499	12.386	15.347	16.045	14.768	12.338	9.848
1901	19.00	8.292	8.227	9.588	11.734	13.686	14.503	13.612	10.997	7.173	2.959
1911	19.10	-0.827	-3.638	-5.329	-6.115	-6.401	-6.583	-6.915	-7.471	-8.210	-9.058
1921	19.20	-9.968	-10.906	-11.811	-12.555	-12.971	-12.945	-12.524	-11.966	-11.675	-12.019
1931	19.30	-13.098	-14.585	-15.726	-15.556	-13.237	-8.421	-1.445	6.709	14.695	21.224
1941	19.40	25.442	27.137	26.691	24.830	22.292	19.557	16.761	13.796	10.528	7.015
1951	19.50	3.597	0.819	-0.801	-1.028	-0.091	1.331	2.328	2.118	0.405	-2.417
1961	19.60	-5.315	-6.944	-6.142	-2.425	3.720	10.879	17.101	20.516	19.961	15.382
1971	19.70	7.840	-0.862	-8.812	-14.622	-17.814	-18.841	-18.737	-18.583	-19.019	-20.001
1981	19.80	-20.902	-20.862	-19.232	-15.898	-11.354	-6.505	-2.313	0.564	1.984	2.321
1991	19.90	2.283	2.614	3.823	6.003	8.788	11.453	13.113	12.985	10.647	6.226

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

INDEX NO. 2003 101-GR-1-122 HA. (HA.) SHINKATSUSHIKA B MAX. ACC. = 120.588 (GAL) T= 11.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.448	-5.499	-10.293	-12.898	-12.949	-10.928	-8.022	-5.680	-5.023	-6.344
2011	20.10	-8.923	-11.278	-11.760	-9.250	-3.670	3.942	11.824	18.183	21.878	22.794
2021	20.20	21.757	20.044	18.748	18.294	18.330	18.009	16.505	13.479	9.260	4.674
2031	20.30	0.619	-2.383	-4.420	-6.089	-8.141	-11.047	-14.712	-18.488	-21.458	-22.855
2041	20.40	-22.391	-20.356	-17.451	-14.451	-11.882	-9.854	-8.121	-6.306	-4.163	-1.742
2051	20.50	0.617	2.446	3.374	3.306	2.482	1.403	0.661	0.747	1.904	4.055
2061	20.60	6.818	9.597	11.728	12.661	12.122	10.237	7.520	4.744	2.678	1.794
2071	20.70	2.059	2.912	3.469	2.893	0.779	-2.616	-6.416	-9.447	-10.699	-9.745
2081	20.80	-6.907	-3.113	0.498	3.046	4.226	4.346	4.081	4.079	4.627	5.535
2091	20.90	6.295	6.392	5.625	4.230	2.755	1.758	1.483	1.708	1.853	1.304
2101	21.00	-0.214	-2.418	-4.522	-5.566	-4.867	-2.376	1.244	4.856	7.314	7.929
2111	21.10	6.744	4.472	2.168	0.766	0.712	1.837	3.518	5.003	5.757	5.646
2121	21.20	4.905	3.928	3.024	2.251	1.428	0.281	-1.353	-3.405	-5.588	-7.539
2131	21.30	-9.001	-9.948	-10.564	-11.099	-11.666	-12.114	-12.034	-10.931	-8.475	-4.725
2141	21.40	-0.203	4.219	7.585	9.174	8.739	6.568	3.472	0.337	-1.971	-2.938
2151	21.50	-2.495	-0.991	0.964	2.695	3.667	3.628	2.654	1.107	-0.497	-1.658
2161	21.60	-2.053	-1.631	-0.614	0.603	1.609	2.132	2.116	1.700	1.102	0.477
2171	21.70	-0.178	-1.013	-2.213	-3.835	-5.696	-7.371	-8.335	-8.186	-6.845	-4.632
2181	21.80	-2.162	-0.107	1.083	1.355	1.059	0.763	0.980	1.933	3.467	5.151
2191	21.90	6.498	7.195	7.225	6.816	6.275	5.777	5.264	4.479	3.142	1.153
2201	22.00	-1.282	-3.688	-5.504	-6.331	-6.107	-5.135	-3.942	-3.027	-2.656	-2.756
2211	22.10	-3.021	-3.091	-2.764	-2.110	-1.419	-1.022	-1.090	-1.498	-1.849	-1.644
2221	22.20	-0.519	1.559	4.230	6.846	8.698	9.267	8.403	6.370	3.732	1.154
2231	22.30	-0.825	-1.952	-2.316	-2.277	-2.310	-2.810	-3.928	-5.494	-7.056	-8.025
2241	22.40	-7.889	-6.420	-3.785	-0.520	2.643	5.034	6.296	6.507	6.137	5.820
2251	22.50	6.075	7.056	8.483	9.755	10.223	9.482	7.553	4.876	2.118	-0.115
2261	22.60	-1.522	-2.197	-2.545	-3.056	-4.076	-5.658	-7.564	-9.403	-10.809	-11.570
2271	22.70	-11.668	-11.211	-10.331	-9.118	-7.617	-5.890	-4.088	-2.456	-1.264	-0.677
2281	22.80	-0.641	-0.842	-0.806	-0.074	1.589	4.072	6.926	9.514	11.231	11.705
2291	22.90	10.902	9.102	6.780	4.443	2.511	1.245	0.751	0.992	1.821	2.985
2301	23.00	4.151	4.950	5.062	4.324	2.798	0.775	-1.311	-3.031	-4.108	-4.495
2311	23.10	-4.355	-3.950	-3.509	-3.136	-2.813	-2.481	-2.151	-1.966	-2.170	-2.979
2321	23.20	-4.434	-6.296	-8.063	-9.118	-8.941	-7.306	-4.371	-0.638	3.207	6.481
2331	23.30	8.667	9.486	8.899	7.071	4.336	1.175	-1.816	-4.000	-4.843	-4.099
2341	23.40	-1.954	0.950	3.665	5.244	5.080	3.161	0.104	-3.063	-5.279	-5.849
2351	23.50	-4.685	-2.288	0.492	2.831	4.234	4.666	4.456	4.046	3.741	3.567
2361	23.60	3.317	2.736	1.723	0.448	-0.703	-1.309	-1.141	-0.297	0.815	1.653
2371	23.70	1.780	1.054	-0.317	-1.880	-3.141	-3.766	-3.686	-3.072	-2.205	-1.323
2381	23.80	-0.513	0.291	1.223	2.367	3.663	4.895	5.745	5.909	5.201	3.627
2391	23.90	1.381	-1.203	-3.745	-5.911	-7.494	-8.451	-8.887	-8.992	-8.943	-8.814
2401	24.00	-8.516	-7.824	-6.474	-4.310	-1.413	1.866	4.981	7.389	8.759	9.115
2411	24.10	8.830	8.444	8.406	8.831	9.421	9.580	8.695	6.447	3.010	-0.974
2421	24.20	-4.630	-7.195	-8.313	-8.134	-7.192	-6.105	-5.272	-4.706	-4.077	-2.955
2431	24.30	-1.097	1.369	3.860	5.743	6.449	5.837	4.245	2.351	0.864	0.214
2441	24.40	0.371	0.876	1.073	0.431	-1.199	-3.493	-5.772	-7.280	-7.481	-6.268
2451	24.50	-3.995	-1.330	1.006	2.496	2.988	2.697	2.060	1.523	1.342	1.494
2461	24.60	1.713	1.649	1.050	-0.097	-1.551	-2.924	-3.869	-4.243	-4.179	-4.008
2471	24.70	-4.072	-4.513	-5.145	-5.495	-5.002	-3.297	-0.430	3.065	6.329	8.486
2481	24.80	8.986	7.819	5.508	2.888	0.765	-0.376	-0.505	0.043	0.797	1.411
2491	24.90	1.809	2.156	2.692	3.527	4.527	5.351	5.623	5.138	3.988	2.520

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

INDEX NO. 2003 101-GR-1-122 HA. (HA.) SHINKATSUSHIKA B MAX. ACC. = 120.588 (GAL) T= 11.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.158	0.178	-0.447	-1.037	-2.021	-3.684	-5.975	-8.473	-10.548	-11.638
2511	25.10	-11.505	-10.342	-8.681	-7.139	-6.128	-5.671	-5.412	-4.807	-3.402	-1.068
2521	25.20	1.923	5.005	7.550	9.119	9.605	9.235	8.424	7.575	6.922	6.470
2531	25.30	6.060	5.492	4.649	3.557	2.360	1.236	0.305	-0.417	-1.013	-1.601
2541	25.40	-2.263	-2.993	-3.696	-4.232	-4.469	-4.333	-3.825	-3.003	-1.958	-0.778
2551	25.50	0.461	1.693	2.855	3.881	4.711	5.303	5.649	5.774	5.718	5.517
2561	25.60	5.179	4.684	4.002	3.121	2.077	0.949	-0.152	-1.134	-1.955	-2.647
2571	25.70	-3.288	-3.956	-4.670	-5.350	-5.833	-5.935	-5.539	-4.684	-3.589	-2.603
2581	25.80	-2.094	-2.295	-3.195	-4.510	-5.763	-6.447	-6.222	-5.056	-3.257	-1.371
2591	25.90	0.014	0.488	-0.030	-1.253	-2.641	-3.593	-3.666	-2.720	-0.948	1.217
2601	26.00	3.260	4.757	5.483	5.434	4.783	3.781	2.682	1.695	0.970	0.604
2611	26.10	0.638	1.039	1.681	2.335	2.716	2.565	1.752	0.349	-1.355	-2.932
2621	26.20	-3.940	-4.074	-3.261	-1.672	0.344	2.391	4.141	5.404	6.140	6.399
2631	26.30	6.264	5.800	5.059	4.103	3.040	2.022	1.212	0.726	0.571	0.630
2641	26.40	0.701	0.574	0.111	-0.692	-1.707	-2.725	-3.537	-4.003	-4.094	-3.877
2651	26.50	-3.481	-3.040	-2.656	-2.373	-2.187	-2.058	-1.926	-1.735	-1.447	-1.059
2661	26.60	-0.615	-0.204	0.057	0.060	-0.256	-0.871	-1.692	-2.574	-3.366	-3.959
2671	26.70	-4.293	-4.345	-4.100	-3.521	-2.559	-1.195	0.501	2.330	3.982	5.110
2681	26.80	5.455	4.955	3.799	2.385	1.194	0.624	0.858	1.807	3.160	4.513
2691	26.90	5.510	5.958	5.852	5.332	4.592	3.797	3.035	2.330	1.679	1.095
2701	27.00	0.624	0.330	0.251	0.366	0.592	0.802	0.879	0.755	0.434	-0.025
2711	27.10	-0.547	-1.084	-1.644	-2.291	-3.114	-4.183	-5.501	-6.981	-8.447	-9.662
2721	27.20	-10.385	-10.425	-9.701	-8.272	-6.340	-4.212	-2.230	-0.684	0.264	0.622
2731	27.30	0.565	0.375	0.350	0.711	1.531	2.714	4.025	5.168	5.867	5.952
2741	27.40	5.403	4.353	3.054	1.808	0.879	0.426	0.454	0.814	1.256	1.518
2751	27.50	1.421	0.947	0.257	-0.365	-0.617	-0.302	0.580	1.816	3.049	3.914
2761	27.60	4.174	3.815	3.045	2.210	1.651	1.571	1.964	2.633	3.279	3.626
2771	27.70	3.516	2.945	2.026	0.922	-0.233	-1.367	-2.460	-3.503	-4.454	-5.236
2781	27.80	-5.761	-5.976	-5.910	-5.667	-5.387	-5.173	-5.035	-4.868	-4.491	-3.726
2791	27.90	-2.481	-0.794	1.165	3.160	4.958	6.394	7.394	7.955	8.101	7.852
2801	28.00	7.217	6.215	4.907	3.410	1.880	0.469	-0.730	-1.697	-2.484	-3.157
2811	28.10	-3.749	-4.234	-4.539	-4.602	-4.430	-4.120	-3.833	-3.714	-3.811	-4.019
2821	28.20	-4.106	-3.799	-2.904	-1.401	0.528	2.565	4.360	5.651	6.331	6.436
2831	28.30	6.088	5.414	4.504	3.418	2.237	1.100	0.207	-0.243	-0.148	0.416
2841	28.40	1.180	1.761	1.804	1.125	-0.209	-1.900	-3.545	-4.797	-5.491	-5.678
2851	28.50	-5.564	-5.375	-5.243	-5.153	-4.980	-4.586	-3.930	-3.108	-2.319	-1.766
2861	28.60	-1.550	-1.605	-1.729	-1.676	-1.276	-0.525	0.407	1.247	1.732	1.718
2871	28.70	1.235	0.470	-0.308	-0.840	-0.960	-0.629	0.074	0.984	1.902	2.638
2881	28.80	3.044	3.041	2.632	1.903	1.009	0.133	-0.557	-0.958	-1.051	-0.896
2891	28.90	-0.600	-0.272	0.017	0.238	0.400	0.522	0.614	0.683	0.737	0.804
2901	29.00	0.927	1.142	1.440	1.741	1.897	1.742	1.157	0.142	-1.155	-2.472
2911	29.10	-3.511	-4.040	-3.975	-3.403	-2.541	-1.651	-0.939	-0.497	-0.289	-0.188
2921	29.20	-0.045	0.256	0.761	1.452	2.263	3.115	3.927	4.627	5.145	5.417
2931	29.30	5.397	5.068	4.458	3.641	2.719	1.802	0.977	0.299	-0.215	-0.578
2941	29.40	-0.815	-0.957	-1.039	-1.089	-1.132	-1.174	-1.200	-1.177	-1.066	-0.854
2951	29.50	-0.575	-0.314	-0.185	-0.288	-0.657	-1.231	-1.858	-2.353	-2.561	-2.424
2961	29.60	-2.000	-1.436	-0.902	-0.517	-0.303	-0.191	-0.071	0.141	0.459	0.823
2971	29.70	1.144	1.368	1.519	1.696	2.021	2.553	3.231	3.866	4.203	4.028
2981	29.80	3.275	2.076	0.733	-0.395	-1.021	-1.044	-0.576	0.107	0.684	0.917
2991	29.90	0.727	0.210	-0.435	-0.999	-1.348	-1.467	-1.435	-1.374	-1.376	-1.474

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

INDEX NO. 2003 101-GR-1-122 HA. (HA.) SHINKATSUSHIKA B MAX. ACC. = 120.588 (GAL) T= 11.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.633	-1.788	-1.882	-1.894	-1.842	-1.763	-1.692	-1.638	-1.588	-1.518
3011	30.10	-1.406	-1.241	-1.012	-0.706	-0.309	0.167	0.754	1.316	1.751	1.926
3021	30.20	1.750	1.226	0.476	-0.283	-0.807	-0.914	-0.557	0.152	0.984	1.675
3031	30.30	2.030	1.988	1.635	1.150	0.716	0.440	0.309	0.210	0.001	-0.405
3041	30.40	-0.984	-1.592	-2.020	-2.078	-1.680	-0.882	0.131	1.107	1.821	2.137
3051	30.50	2.043	1.630	1.040	0.406	-0.192	-0.730	-1.222	-1.692	-2.143	-2.561
3061	30.60	-2.923	-3.220	-3.469	-3.698	-3.924	-4.126	-4.232	-4.137	-3.738	-2.983
3071	30.70	-1.901	-0.607	0.729	1.927	2.846	3.409	3.602	3.455	3.018	2.357
3081	30.80	1.554	0.727	0.026	-0.385	-0.388	0.039	0.782	1.608	2.231	2.421
3091	30.90	2.098	1.378	0.545	-0.057	-0.160	0.320	1.236	2.271	3.055	3.310
3101	31.00	2.954	2.118	1.083	0.158	-0.439	-0.650	-0.576	-0.406	-0.325	-0.431
3111	31.10	-0.712	-1.063	-1.352	-1.474	-1.390	-1.125	-0.740	-0.295	0.165	0.620
3121	31.20	1.049	1.418	1.676	1.769	1.664	1.366	0.922	0.404	-0.122	-0.614
3131	31.30	-1.065	-1.485	-1.872	-2.197	-2.398	-2.400	-2.157	-1.679	-1.047	-0.391
3141	31.40	0.154	0.487	0.586	0.498	0.323	0.161	0.074	0.061	0.072	0.031
3151	31.50	-0.122	-0.396	-0.740	-1.060	-1.241	-1.190	-0.869	-0.304	0.410	1.130
3161	31.60	1.702	2.001	1.960	1.601	1.021	0.376	-0.184	-0.542	-0.672	-0.636
3171	31.70	-0.558	-0.566	-0.743	-1.087	-1.518	-1.916	-2.170	-2.247	-2.181	-2.065
3181	31.80	-1.990	-1.996	-2.045	-2.040	-1.870	-1.475	-0.877	-0.178	0.479	0.973
3191	31.90	1.246	1.311	1.229	1.057	0.823	0.522	0.152	-0.242	-0.547	-0.600
3201	32.00	-0.260	0.513	1.604	2.761	3.669	4.081	3.920	3.318	2.565	1.978
3211	32.10	1.758	1.899	2.185	2.298	1.966	1.099	-0.158	-1.476	-2.479	-2.895
3221	32.20	-2.666	-1.960	-1.093	-0.397	-0.100	-0.257	-0.759	-1.402	-1.974	-2.321
3231	32.30	-2.376	-2.145	-1.680	-1.056	-0.360	0.311	0.853	1.180	1.250	1.095
3241	32.40	0.822	0.576	0.484	0.600	0.883	1.213	1.461	1.552	1.509	1.444
3251	32.50	1.497	1.751	2.175	2.616	2.851	2.681	2.023	0.943	-0.354	-1.612
3261	32.60	-2.607	-3.222	-3.462	-3.418	-3.203	-2.892	-2.503	-2.010	-1.385	-0.640
3271	32.70	0.167	0.943	1.604	2.109	2.471	2.736	2.947	3.106	3.166	3.053
3281	32.80	2.712	2.151	1.459	0.790	0.310	0.136	0.288	0.675	1.124	1.435
3291	32.90	1.451	1.106	0.441	-0.412	-1.270	-1.956	-2.348	-2.401	-2.154	-1.713
3301	33.00	-1.216	-0.800	-0.565	-0.563	-0.789	-1.189	-1.687	-2.193	-2.628	-2.929
3311	33.10	-3.054	-2.982	-2.713	-2.271	-1.706	-1.090	-0.505	-0.027	0.291	0.433
3321	33.20	0.420	0.292	0.093	-0.151	-0.442	-0.799	-1.239	-1.754	-2.296	-2.787
3331	33.30	-3.133	-3.263	-3.148	-2.817	-2.341	-1.869	-1.296	-0.844	-0.453	-0.098
3341	33.40	0.253	0.618	0.990	1.340	1.626	1.810	1.862	1.768	1.531	1.169
3351	33.50	0.720	0.246	-0.170	-0.430	-0.443	-0.150	0.454	1.310	2.303	3.290
3361	33.60	4.136	4.744	5.083	5.178	5.096	4.920	4.714	4.512	4.312	4.085
3371	33.70	3.795	3.411	2.918	2.323	1.668	0.929	0.202	-0.497	-1.142	-1.716
3381	33.80	-2.215	-2.641	-3.000	-3.292	-3.514	-3.655	-3.701	-3.648	-3.502	-3.288
3391	33.90	-3.040	-2.793	-2.567	-2.364	-2.161	-1.923	-1.618	-1.236	-0.800	-0.361
3401	34.00	0.013	0.259	0.343	0.274	0.103	-0.088	-0.213	-0.206	-0.069	0.225
3411	34.10	0.537	0.783	0.868	0.736	0.386	-0.117	-0.664	-1.127	-1.399	-1.420
3421	34.20	-1.195	-0.789	-0.310	0.123	0.405	0.464	0.272	-0.151	-0.746	-1.413
3431	34.30	-2.024	-2.433	-2.507	-2.160	-1.391	-0.308	0.882	1.920	2.566	2.687
3441	34.40	2.306	1.609	0.889	0.443	0.471	1.001	1.882	2.850	3.628	4.034
3451	34.50	4.041	3.770	3.421	3.172	3.105	3.174	3.242	3.155	2.822	2.262
3461	34.60	1.590	0.958	0.484	0.194	0.018	-0.171	-0.486	-0.973	-1.581	-2.193
3471	34.70	-2.681	-2.966	-3.054	-3.026	-2.996	-3.049	-3.200	-3.387	-3.490	-3.388
3481	34.80	-2.999	-2.314	-1.396	-0.343	0.714	1.664	2.418	2.907	3.093	2.965
3491	34.90	2.550	1.924	1.207	0.541	0.054	-0.175	-0.145	0.065	0.323	0.487

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

INDEX NO. 2003 101-GR-1-122 HA. (HA.) SHINKATSUSHIKA B MAX. ACC. = 120.588 (GAL) T= 11.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.457	0.202	-0.230	-0.741	-1.219	-1.581	-1.793	-1.878	-1.887	-1.876
3511	35.10	-1.873	-1.873	-1.846	-1.755	-1.583	-1.342	-1.076	-0.833	-0.653	-0.542
3521	35.20	-0.476	-0.410	-0.307	-0.154	0.030	0.205	0.333	0.398	0.420	0.442
3531	35.30	0.510	0.644	0.827	1.010	1.138	1.179	1.147	1.092	1.074	1.129
3541	35.40	1.242	1.348	1.367	1.240	0.972	0.628	0.303	0.067	-0.080	-0.218
3551	35.50	-0.472	-0.937	-1.614	-2.373	-2.986	-3.209	-2.894	-2.059	-0.910	0.228
3561	35.60	1.023	1.260	0.912	0.140	-0.780	-1.572	-2.056	-2.204	-2.115	-1.957
3571	35.70	-1.877	-1.940	-2.113	-2.290	-2.346	-2.192	-1.803	-1.222	-0.537	0.153
3581	35.80	0.769	1.279	1.702	2.098	2.550	3.130	3.859	4.691	5.497	6.100
3591	35.90	6.325	6.058	5.300	4.177	2.902	1.708	0.766	0.132	-0.252	-0.519
3601	36.00	-0.799	-1.161	-1.587	-1.993	-2.284	-2.412	-2.395	-2.301	-2.201	-2.113
3611	36.10	-1.989	-1.735	-1.270	-0.585	0.231	1.008	1.560	1.761	1.595	1.156
3621	36.20	0.605	0.095	-0.282	-0.522	-0.685	-0.848	-1.056	-1.308	-1.565	-1.787
3631	36.30	-1.960	-2.101	-2.241	-2.388	-2.506	-2.520	-2.342	-1.924	-1.282	-0.500
3641	36.40	0.295	0.987	1.505	1.836	2.010	2.062	2.008	1.837	1.535	1.108
3651	36.50	0.606	0.110	-0.298	-0.578	-0.752	-0.894	-1.080	-1.340	-1.617	-1.780
3661	36.60	-1.675	-1.200	-0.366	0.689	1.742	2.567	3.024	3.106	2.932	2.690
3671	36.70	2.551	2.599	2.805	3.053	3.199	3.137	2.842	2.373	1.840	1.357
3681	36.80	1.001	0.789	0.692	0.649	0.597	0.493	0.316	0.074	-0.204	-0.477
3691	36.90	-0.695	-0.816	-0.815	-0.700	-0.513	-0.324	-0.208	-0.222	-0.377	-0.641
3701	37.00	-0.946	-1.218	-1.406	-1.498	-1.523	-1.532	-1.575	-1.683	-1.856	-2.080
3711	37.10	-2.330	-2.593	-2.859	-3.117	-3.346	-3.501	-3.530	-3.390	-3.070	-2.606
3721	37.20	-2.074	-1.565	-1.149	-0.845	-0.606	-0.338	0.068	0.681	1.500	2.438
3731	37.30	3.342	4.035	4.369	4.270	3.755	2.929	1.952	0.998	0.205	-0.344
3741	37.40	-0.639	-0.728	-0.694	-0.626	-0.596	-0.642	-0.765	-0.936	-1.110	-1.241
3751	37.50	-1.292	-1.242	-1.092	-0.856	-0.561	-0.239	0.077	0.359	0.589	0.761
3761	37.60	0.886	0.983	1.073	1.171	1.269	1.341	1.341	1.219	0.941	0.507
3771	37.70	-0.046	-0.647	-1.214	-1.676	-1.995	-2.173	-2.243	-2.242	-2.193	-2.084
3781	37.80	-1.873	-1.511	-0.971	-0.279	0.480	1.175	1.671	1.876	1.772	1.432
3791	37.90	0.994	0.616	0.415	0.431	0.605	0.812	0.900	0.758	0.357	-0.233
3801	38.00	-0.867	-1.370	-1.600	-1.491	-1.076	-0.468	0.181	0.729	1.094	1.266
3811	38.10	1.303	1.296	1.327	1.435	1.607	1.787	1.905	1.913	1.806	1.624
3821	38.20	1.435	1.303	1.257	1.280	1.316	1.291	1.150	0.882	0.527	0.158
3831	38.30	-0.144	-0.326	-0.385	-0.364	-0.332	-0.354	-0.463	-0.649	-0.866	-1.058
3841	38.40	-1.189	-1.259	-1.300	-1.359	-1.467	-1.614	-1.750	-1.795	-1.681	-1.380
3851	38.50	-0.927	-0.410	0.062	0.396	0.554	0.562	0.493	0.433	0.439	0.520
3861	38.60	0.632	0.711	0.702	0.590	0.406	0.208	0.052	-0.037	-0.076	-0.105
3871	38.70	-0.167	-0.273	-0.393	-0.475	-0.466	-0.352	-0.171	0.001	0.082	0.022
3881	38.80	-0.170	-0.427	-0.662	-0.804	-0.831	-0.781	-0.724	-0.726	-0.812	-0.956
3891	38.90	-1.097	-1.174	-1.161	-1.079	-0.976	-0.898	-0.848	-0.780	-0.620	-0.307
3901	39.00	0.162	0.714	1.226	1.570	1.677	1.571	1.361	1.193	1.184	1.367
3911	39.10	1.673	1.966	2.101	1.994	1.649	1.157	0.649	0.243	-0.001	-0.094
3921	39.20	-0.091	-0.061	-0.050	-0.071	-0.112	-0.161	-0.216	-0.291	-0.398	-0.528
3931	39.30	-0.640	-0.675	-0.573	-0.310	0.091	0.558	0.996	1.322	1.487	1.493
3941	39.40	1.373	1.179	0.956	0.731	0.516	0.313	0.121	-0.064	-0.250	-0.451
3951	39.50	-0.688	-0.967	-1.271	-1.553	-1.747	-1.790	-1.652	-1.359	-0.982	-0.620
3961	39.60	-0.353	-0.218	-0.193	-0.217	-0.226	-0.188	-0.121	-0.076	-0.112	-0.255
3971	39.70	-0.479	-0.721	-0.913	-1.020	-1.065	-1.118	-1.255	-1.510	-1.839	-2.125
3981	39.80	-2.216	-1.997	-1.444	-0.653	0.185	0.847	1.164	1.083	0.686	0.163
3991	39.90	-0.260	-0.399	-0.175	0.368	1.084	1.785	2.301	2.533	2.472	2.189

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

INDEX NO. 2003 101-GR-1-122 HA. (HA.) SHINKATSUSHIKA B MAX. ACC. = 120.588 (GAL) T= 11.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.797	1.409	1.102	0.901	0.782	0.694	0.581	0.410	0.173	-0.109
4011	40.10	-0.405	-0.689	-0.947	-1.184	-1.406	-1.616	-1.795	-1.906	-1.904	-1.749
4021	40.20	-1.430	-0.967	-0.415	0.159	0.691	1.139	1.486	1.741	1.918	2.027
4031	40.30	2.069	2.036	1.922	1.733	1.494	1.243	1.016	0.839	0.716	0.632
4041	40.40	0.559	0.471	0.357	0.221	0.078	-0.054	-0.165	-0.261	-0.357	-0.467
4051	40.50	-0.600	-0.749	-0.895	-1.010	-1.077	-1.092	-1.071	-1.049	-1.062	-1.139
4061	40.60	-1.287	-1.492	-1.718	-1.926	-2.087	-2.194	-2.267	-2.343	-2.458	-2.633
4071	40.70	-2.858	-3.087	-3.256	-3.294	-3.154	-2.820	-2.318	-1.703	-1.041	-0.390
4081	40.80	0.209	0.742	1.213	1.631	2.006	2.339	2.621	2.864	2.995	3.070
4091	40.90	3.067	2.995	2.865	2.696	2.511	2.337	2.193	2.086	2.009	1.935
4101	41.00	1.833	1.674	1.447	1.170	0.881	0.630	0.462	0.401	0.441	0.550
4111	41.10	0.683	0.796	0.859	0.864	0.820	0.744	0.648	0.538	0.406	0.238
4121	41.20	0.020	-0.253	-0.575	-0.926	-1.277	-1.602	-1.876	-2.092	-2.254	-2.376
4131	41.30	-2.473	-2.549	-2.595	-2.587	-2.493	-2.291	-1.977	-1.575	-1.132	-0.702
4141	41.40	-0.329	-0.036	0.185	0.356	0.502	0.634	0.742	0.806	0.805	0.738
4151	41.50	0.627	0.508	0.414	0.359	0.324	0.276	0.180	0.028	-0.148	-0.282
4161	41.60	-0.300	-0.149	0.178	0.634	1.138	1.605	1.977	2.239	2.419	2.564
4171	41.70	2.716	2.889	3.071	3.228	3.323	3.321	3.201	2.945	2.536	1.967
4181	41.80	1.248	0.421	-0.431	-1.200	-1.760	-2.106	-2.178	-2.066	-1.889	-1.759
4191	41.90	-1.741	-1.823	-1.921	-1.918	-1.718	-1.292	-0.696	-0.054	0.492	0.826
4201	42.00	0.904	0.759	0.475	0.156	-0.115	-0.300	-0.404	-0.456	-0.489	-0.527
4211	42.10	-0.577	-0.638	-0.712	-0.804	-0.925	-1.077	-1.246	-1.401	-1.501	-1.515
4221	42.20	-1.432	-1.271	-1.070	-0.877	-0.723	-0.617	-0.541	-0.464	-0.362	-0.233
4231	42.30	-0.100	-0.003	0.018	-0.056	-0.215	-0.425	-0.638	-0.816	-0.946	-1.039
4241	42.40	-1.123	-1.219	-1.328	-1.419	-1.443	-1.344	-1.090	-0.686	-0.178	0.364
4251	42.50	0.862	1.255	1.511	1.624	1.606	1.482	1.270	1.000	0.715	0.476
4261	42.60	0.361	0.443	0.770	1.331	2.056	2.820	3.474	3.089	3.985	3.752
4271	42.70	3.243	2.549	1.764	0.960	0.178	-0.576	-1.306	-2.014	-2.682	-3.270
4281	42.80	-3.723	-3.983	-4.008	-3.779	-3.318	-2.686	-1.980	-1.319	-0.820	-0.572
4291	42.90	-0.606	-0.887	-1.316	-1.753	-2.057	-2.125	-1.911	-1.439	-0.780	-0.029
4301	43.00	0.728	1.429	2.038	2.539	2.918	3.158	3.238	3.148	2.902	2.543
4311	43.10	2.140	1.775	1.522	1.427	1.493	1.687	1.937	2.155	2.252	2.161
4321	43.20	1.852	1.342	0.695	0.006	-0.625	-1.129	-1.483	-1.727	-1.940	-2.203
4331	43.30	-2.562	-2.989	-3.388	-3.618	-3.552	-3.125	-2.371	-1.423	-0.473	0.283
4341	43.40	0.708	0.756	0.475	-0.015	-0.575	-1.080	-1.450	-1.654	-1.698	-1.610
4351	43.50	-1.419	-1.155	-0.843	-0.505	-0.161	0.172	0.485	0.772	1.028	1.242
4361	43.60	1.396	1.467	1.434	1.298	1.078	0.819	0.574	0.385	0.269	0.207
4371	43.70	0.157	0.063	-0.112	-0.374	-0.687	-0.989	-1.203	-1.269	-1.162	-0.899
4381	43.80	-0.535	-0.145	0.199	0.463	0.571	0.596	0.545	0.463	0.372	0.279
4391	43.90	0.178	0.061	-0.071	-0.193	-0.266	-0.248	-0.113	0.133	0.454	0.791
4401	44.00	1.088	1.310	1.459	1.564	1.667	1.801	1.974	2.168	2.349	2.482
4411	44.10	2.547	2.536	2.454	2.303	2.075	1.762	1.361	0.889	0.386	-0.093
4421	44.20	-0.500	-0.808	-1.027	-1.189	-1.333	-1.478	-1.612	-1.693	-1.673	-1.523
4431	44.30	-1.251	-0.903	-0.542	-0.227	0.013	0.177	0.289	0.375	0.448	0.514
4441	44.40	0.569	0.622	0.691	0.795	0.935	1.080	1.165	1.123	0.916	0.570
4451	44.50	0.183	-0.106	-0.168	0.054	0.516	1.075	1.549	1.779	1.691	1.320
4461	44.60	0.785	0.234	-0.218	-0.525	-0.712	-0.845	-0.986	-1.166	-1.374	-1.579
4471	44.70	-1.758	-1.912	-2.063	-2.238	-2.441	-2.641	-2.788	-2.833	-2.759	-2.594
4481	44.80	-2.396	-2.225	-2.108	-2.022	-1.906	-1.696	-1.364	-0.940	-0.509	-0.174
4491	44.90	-0.012	-0.034	-0.181	-0.341	-0.403	-0.296	-0.016	0.372	0.771	1.085

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

INDEX NO. 2003 101-GR-1-122 HA. (HA.) SHINKATSUSHIKA B MAX. ACC. = 120.588 (GAL) T= 11.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.255	1.273	1.170	0.999	0.807	0.627	0.468	0.330	0.207	0.099
4511	45.10	0.010	-0.057	-0.104	-0.139	-0.172	-0.211	-0.253	-0.286	-0.288	-0.240
4521	45.20	-0.133	0.026	0.217	0.405	0.562	0.670	0.734	0.782	0.857	0.996
4531	45.30	1.215	1.495	1.782	2.004	2.098	2.033	1.827	1.539	1.251	1.028
4541	45.40	0.899	0.841	0.802	0.724	0.582	0.401	0.247	0.199	0.309	0.569
4551	45.50	0.907	1.208	1.357	1.283	0.984	0.527	0.021	-0.425	-0.739	-0.903
4561	45.60	-0.947	-0.926	-0.892	-0.875	-0.880	-0.896	-0.911	-0.919	-0.929	-0.953
4571	45.70	-0.998	-1.057	-1.114	-1.146	-1.136	-1.079	-0.986	-0.876	-0.770	-0.682
4581	45.80	-0.617	-0.569	-0.529	-0.485	-0.426	-0.342	-0.231	-0.093	0.060	0.210
4591	45.90	0.334	0.410	0.429	0.399	0.346	0.307	0.315	0.386	0.513	0.663
4601	46.00	0.795	0.871	0.875	0.815	0.722	0.632	0.573	0.552	0.556	0.559
4611	46.10	0.538	0.478	0.378	0.249	0.101	-0.066	-0.255	-0.476	-0.727	-0.991
4621	46.20	-1.238	-1.434	-1.558	-1.614	-1.634	-1.661	-1.737	-1.875	-2.052	-2.220
4631	46.30	-2.321	-2.314	-2.192	-1.980	-1.724	-1.461	-1.206	-0.949	-0.667	-0.349
4641	46.40	-0.017	0.277	0.467	0.504	0.383	0.157	-0.080	-0.226	-0.214	-0.032
4651	46.50	0.274	0.627	0.959	1.236	1.470	1.701	1.964	2.259	2.543	2.744
4661	46.60	2.797	2.676	2.413	2.082	1.772	1.547	1.418	1.345	1.259	1.097
4671	46.70	0.827	0.464	0.053	-0.355	-0.725	-1.050	-1.347	-1.635	-1.919	-2.179
4681	46.80	-2.378	-2.477	-2.451	-2.299	-2.043	-1.719	-1.364	-1.010	-0.681	-0.396
4691	46.90	-0.165	0.010	0.147	0.277	0.445	0.685	1.009	1.384	1.745	2.013
4701	47.00	2.132	2.097	1.967	1.846	1.869	2.046	2.435	2.932	3.398	3.687
4711	47.10	3.697	3.405	2.870	2.207	1.552	1.014	0.651	0.461	0.397	0.386
4721	47.20	0.354	0.244	0.027	-0.296	-0.696	-1.121	-1.511	-1.807	-1.972	-1.995
4731	47.30	-1.897	-1.720	-1.517	-1.325	-1.163	-1.026	-0.895	-0.756	-0.613	-0.488
4741	47.40	-0.417	-0.432	-0.546	-0.740	-0.975	-1.199	-1.373	-1.481	-1.537	-1.573
4751	47.50	-1.626	-1.714	-1.830	-1.942	-2.005	-1.984	-1.862	-1.657	-1.407	-1.159
4761	47.60	-0.949	-0.788	-0.659	-0.527	-0.355	-0.124	0.155	0.446	0.702	0.879
4771	47.70	0.954	0.934	0.847	0.724	0.590	0.447	0.283	0.082	-0.156	-0.406
4781	47.80	-0.623	-0.749	-0.737	-0.570	-0.266	0.129	0.557	0.966	1.323	1.617
4791	47.90	1.850	2.028	2.148	2.200	2.172	2.058	1.863	1.605	1.314	1.019
4801	48.00	0.741	0.495	0.283	0.098	-0.073	-0.247	-0.437	-0.649	-0.871	-1.072
4811	48.10	-1.206	-1.224	-1.095	-0.824	-0.458	-0.074	0.243	0.431	0.477	0.421
4821	48.20	0.335	0.294	0.345	0.484	0.668	0.831	0.919	0.909	0.811	0.655
4831	48.30	0.469	0.268	0.052	-0.178	-0.401	-0.571	-0.630	-0.529	-0.265	0.108
4841	48.40	0.483	0.741	0.790	0.602	0.222	-0.249	-0.699	-1.046	-1.261	-1.367
4851	48.50	-1.412	-1.443	-1.474	-1.491	-1.464	-1.370	-1.209	-1.010	-0.812	-0.643
4861	48.60	-0.511	-0.400	-0.281	-0.139	0.024	0.180	0.296	0.346	0.333	0.286
4871	48.70	0.246	0.250	0.312	0.417	0.529	0.606	0.625	0.584	0.503	0.413
4881	48.80	0.341	0.298	0.278	0.265	0.240	0.195	0.130	0.056	-0.015	-0.075
4891	48.90	-0.128	-0.185	-0.261	-0.369	-0.513	-0.688	-0.877	-1.059	-1.212	-1.323
4901	49.00	-1.386	-1.407	-1.393	-1.355	-1.299	-1.226	-1.133	-1.023	-0.902	-0.781
4911	49.10	-0.671	-0.578	-0.495	-0.406	-0.292	-0.142	0.037	0.215	0.351	0.406
4921	49.20	0.356	0.217	0.030	-0.145	-0.253	-0.258	-0.158	0.018	0.225	0.418
4931	49.30	0.568	0.666	0.723	0.758	0.794	0.846	0.924	1.029	1.154	1.287
4941	49.40	1.406	1.485	1.498	1.425	1.257	1.008	0.706	0.395	0.122	-0.071
4951	49.50	-0.151	-0.102	0.070	0.336	0.646	0.930	1.116	1.152	1.024	0.769
4961	49.60	0.469	0.232	0.150	0.266	0.556	0.931	1.271	1.469	1.474	1.305
4971	49.70	1.047	0.811	0.692	0.741	0.948	1.260	1.608	1.932	2.198	2.392
4981	49.80	2.508	2.536	2.458	2.261	1.946	1.546	1.117	0.721	0.407	0.186
4991	49.90	0.031	-0.105	-0.271	-0.488	-0.742	-0.994	-1.199	-1.334	-1.402	-1.435

Table 7-4-11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 2003 101-GR-1-122 HA. (HA.) SHINKATSUSHIKA B MAX. ACC. = 120.588 (GAL) T= 11.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.472	-1.542	-1.650	-1.777	-1.898	-1.995	-2.070	-2.140	-2.226	-2.336
5011	50.10	-2.457	-2.558	-2.607	-2.583	-2.487	-2.343	-2.184	-2.035	-1.906	-1.788
5021	50.20	-1.665	-1.523	-1.362	-1.187	-1.006	-0.818	-0.615	-0.383	-0.125	0.137
5031	50.30	0.355	0.476	0.458	0.294	0.023	-0.286	-0.551	-0.707	-0.727	-0.621
5041	50.40	-0.424	-0.175	0.094	0.366	0.631	0.870	1.054	1.150	1.132	1.002
5051	50.50	0.793	0.560	0.360	0.225	0.149	0.098	0.051	-0.074	-0.197	-0.286
5061	50.60	-0.278	-0.135	0.135	0.468	0.771	0.961	0.993	0.877	0.672	0.450
5071	50.70	0.266	0.138	0.051	-0.027	-0.115	-0.207	-0.272	-0.275	-0.199	-0.059
5081	50.80	0.105	0.242	0.321	0.344	0.344	0.365	0.439	0.566	0.711	0.826
5091	50.90	0.866	0.813	0.680	0.500	0.306	0.123	-0.041	-0.180	-0.286	-0.335
5101	51.00	-0.300	-0.162	0.065	0.333	0.569	0.699	0.681	0.521	0.271	0.009
5111	51.10	-0.199	-0.324	-0.381	-0.416	-0.476	-0.582	-0.717	-0.834	-0.879	-0.822
5121	51.20	-0.671	-0.474	-0.292	-0.179	-0.158	-0.213	-0.299	-0.365	-0.366	-0.286
5131	51.30	-0.130	0.075	0.295	0.494	0.643	0.719	0.713	0.628	0.482	0.305
5141	51.40	0.130	-0.017	-0.127	-0.206	-0.274	-0.348	-0.431	-0.503	-0.531	-0.480
5151	51.50	-0.327	-0.075	0.250	0.607	0.956	1.266	1.519	1.707	1.819	1.840
5161	51.60	1.757	1.569	1.294	0.975	0.665	0.411	0.233	0.119	0.028	-0.088
5171	51.70	-0.257	-0.475	-0.708	-0.909	-1.047	-1.123	-1.167	-1.225	-1.326	-1.463
5181	51.80	-1.584	-1.612	-1.481	-1.162	-0.686	-0.135	0.390	0.800	1.050	1.142
5191	51.90	1.116	1.024	0.902	0.765	0.606	0.416	0.198	-0.027	-0.227	-0.374
5201	52.00	-0.459	-0.501	-0.532	-0.586	-0.678	-0.795	-0.901	-0.953	-0.925	-0.815
5211	52.10	-0.651	-0.481	-0.348	-0.281	-0.280	-0.325	-0.378	-0.408	-0.394	-0.330
5221	52.20	-0.227	-0.104	0.022	0.135	0.228	0.300	0.356	0.406	0.462	0.536
5231	52.30	0.636	0.765	0.918	1.082	1.241	1.377	1.474	1.523	1.518	1.463
5241	52.40	1.366	1.241	1.105	0.973	0.855	0.751	0.651	0.538	0.397	0.222
5251	52.50	0.023	-0.177	-0.347	-0.461	-0.508	-0.500	-0.464	-0.435	-0.436	-0.476
5261	52.60	-0.541	-0.609	-0.660	-0.689	-0.707	-0.737	-0.798	-0.894	-1.005	-1.094
5271	52.70	-1.119	-1.054	-0.896	-0.670	-0.417	-0.181	0.014	0.163	0.281	0.389
5281	52.80	0.501	0.612	0.700	0.733	0.690	0.566	0.379	0.165	-0.032	-0.182
5291	52.90	-0.272	-0.310	-0.322	-0.335	-0.371	-0.433	-0.510	-0.582	-0.625	-0.625
5301	53.00	-0.582	-0.505	-0.415	-0.328	-0.259	-0.207	-0.166	-0.124	-0.070	-0.001
5311	53.10	0.077	0.149	0.198	0.210	0.182	0.116	0.025	-0.079	-0.187	-0.296
5321	53.20	-0.407	-0.525	-0.651	-0.777	-0.892	-0.980	-1.028	-1.028	-0.983	-0.902
5331	53.30	-0.795	-0.672	-0.536	-0.388	-0.226	-0.055	0.116	0.276	0.412	0.515
5341	53.40	0.589	0.667	0.710	0.800	0.931	1.106	1.313	1.525	1.707	1.825
5351	53.50	1.854	1.784	1.627	1.413	1.183	0.976	0.821	0.724	0.669	0.623
5361	53.60	0.550	0.425	0.246	0.031	-0.187	-0.376	-0.519	-0.616	-0.689	-0.759
5371	53.70	-0.842	-0.936	-1.019	-1.066	-1.060	-0.998	-0.901	-0.797	-0.710	-0.646
5381	53.80	-0.601	-0.546	-0.463	-0.347	-0.216	-0.096	-0.016	0.011	-0.006	-0.046
5391	53.90	-0.080	-0.093	-0.083	-0.062	-0.041	-0.017	0.022	0.096	0.214	0.362
5401	54.00	0.500	0.577	0.554	0.426	0.225	0.008	-0.168	-0.273	-0.323	-0.363
5411	54.10	-0.444	-0.588	-0.768	-0.911	-0.937	-0.793	-0.492	-0.116	0.215	0.388
5421	54.20	0.351	0.133	-0.164	-0.410	-0.498	-0.390	-0.125	0.204	0.497	0.685
5431	54.30	0.761	0.769	0.776	0.834	0.958	1.116	1.252	1.314	1.271	1.129
5441	54.40	0.919	0.676	0.427	0.182	-0.062	-0.304	-0.531	-0.715	-0.820	-0.822
5451	54.50	-0.713	-0.514	-0.265	-0.006	0.229	0.430	0.603	0.759	0.903	1.026
5461	54.60	1.100	1.090	0.971	0.736	0.407	0.031	-0.339	-0.655	-0.893	-1.060
5471	54.70	-1.186	-1.313	-1.476	-1.685	-1.921	-2.139	-2.286	-2.323	-2.236	-2.049
5481	54.80	-1.807	-1.565	-1.362	-1.208	-1.086	-0.960	-0.793	-0.570	-0.300	-0.014
5491	54.90	0.253	0.473	0.643	0.780	0.914	1.069	1.258	1.472	1.692	1.897

Table 7-4-12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 2003 101-GR-1-122 HA. (HA.) SHINKATSUSHIKA B MAX. ACC. = 120.588 (GAL) T= 11.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.074	2.220	2.341	2.442	2.517	2.556	2.541	2.462	2.322	2.137
5511	55.10	1.935	1.741	1.572	1.431	1.310	1.196	1.079	0.960	0.845	0.741
5521	55.20	0.653	0.575	0.493	0.392	0.262	0.097	-0.096	-0.307	-0.525	-0.739
5531	55.30	-0.943	-1.132	-1.303	-1.451	-1.576	-1.676	-1.756	-1.818	-1.869	-1.909
5541	55.40	-1.940	-1.962	-1.976	-1.988	-2.006	-2.032	-2.066	-2.094	-2.099	-2.063
5551	55.50	-1.979	-1.857	-1.720	-1.601	-1.527	-1.509	-1.537	-1.584	-1.617	-1.614
5561	55.60	-1.569	-1.497	-1.420	-1.359	-1.322	-1.296	-1.259	-1.188	-1.070	-0.909
5571	55.70	-0.723	-0.532	-0.349	-0.175	-0.001	0.188	0.398	0.627	0.859	1.081
5581	55.80	1.286	1.479	1.674	1.890	2.131	2.388	2.635	2.845	2.995	3.086
5591	55.90	3.134	3.169	3.218	3.292	3.380	3.457	3.493	3.467	3.375	3.232
5601	56.00	3.060	2.881	2.705	2.532	2.356	2.169	1.968	1.756	1.542	1.328
5611	56.10	1.112	0.888	0.647	0.385	0.108	-0.174	-0.444	-0.689	-0.902	-1.080
5621	56.20	-1.223	-1.332	-1.408	-1.457	-1.490	-1.524	-1.577	-1.663	-1.779	-1.905
5631	56.30	-2.009	-2.056	-2.025	-1.919	-1.760	-1.583	-1.419	-1.279	-1.155	-1.027
5641	56.40	-0.875	-0.697	-0.512	-0.348	-0.233	-0.172	-0.144	-0.114	-0.051	0.052
5651	56.50	0.168	0.241	0.210	0.042	-0.253	-0.622	-0.983	-1.262	-1.424	-1.478
5661	56.60	-1.478	-1.488	-1.554	-1.680	-1.829	-1.937	-1.946	-1.826	-1.591	-1.290
5671	56.70	-0.990	-0.754	-0.620	-0.600	-0.681	-0.835	-1.029	-1.225	-1.387	-1.477
5681	56.80	-1.467	-1.341	-1.107	-0.799	-0.470	-0.174	0.049	0.188	0.264	0.313
5691	56.90	0.374	0.468	0.591	0.717	0.814	0.860	0.856	0.824	0.798	0.807
5701	57.00	0.862	0.955	1.060	1.150	1.208	1.236	1.243	1.258	1.298	1.367
5711	57.10	1.458	1.551	1.624	1.662	1.656	1.610	1.533	1.440	1.344	1.256
5721	57.20	1.184	1.131	1.096	1.073	1.052	1.026	0.989	0.939	0.880	0.815
5731	57.30	0.749	0.681	0.607	0.520	0.417	0.299	0.175	0.054	-0.057	-0.159
5741	57.40	-0.263	-0.389	-0.553	-0.764	-1.012	-1.269	-1.495	-1.650	-1.703	-1.646
5751	57.50	-1.491	-1.270	-1.023	-0.790	-0.597	-0.461	-0.384	-0.360	-0.384	-0.446
5761	57.60	-0.538	-0.647	-0.756	-0.840	-0.876	-0.847	-0.746	-0.585	-0.385	-0.174
5771	57.70	0.025	0.202	0.357	0.502	0.643	0.777	0.888	0.951	0.946	0.866
5781	57.80	0.727	0.566	0.421	0.323	0.276	0.259	0.233	0.161	0.027	-0.157
5791	57.90	-0.350	-0.501	-0.569	-0.537	-0.419	-0.250	-0.066	0.107	0.259	0.396
5801	58.00	0.525	0.640	0.722	0.741	0.679	0.536	0.341	0.141	-0.018	-0.110
5811	58.10	-0.141	-0.144	-0.165	-0.238	-0.367	-0.526	-0.668	-0.748	-0.740	-0.649
5821	58.20	-0.504	-0.341	-0.193	-0.069	0.033	0.124	0.209	0.277	0.311	0.291
5831	58.30	0.213	0.091	-0.045	-0.164	-0.244	-0.281	-0.295	-0.308	-0.342	-0.401
5841	58.40	-0.476	-0.547	-0.599	-0.626	-0.635	-0.640	-0.650	-0.666	-0.677	-0.667
5851	58.50	-0.628	-0.561	-0.479	-0.402	-0.343	-0.304	-0.276	-0.247	-0.205	-0.150
5861	58.60	-0.086	-0.017	0.060	0.163	0.318	0.546	0.847	1.193	1.531	1.794
5871	58.70	1.931	1.919	1.775	1.550	1.309	1.107	0.975	0.909	0.882	0.857
5881	58.80	0.806	0.719	0.605	0.484	0.378	0.299	0.245	0.206	0.166	0.116
5891	58.90	0.051	-0.025	-0.104	-0.177	-0.239	-0.282	-0.301	-0.289	-0.237	-0.137
5901	59.00	0.013	0.205	0.422	0.634	0.807	0.910	0.921	0.833	0.661	0.430
5911	59.10	0.173	-0.076	-0.295	-0.474	-0.613	-0.720	-0.804	-0.871	-0.927	-0.976
5921	59.20	-1.025	-1.082	-1.156	-1.252	-1.364	-1.476	-1.568	-1.620	-1.623	-1.578
5931	59.30	-1.500	-1.405	-1.305	-1.199	-1.079	-0.932	-0.753	-0.550	-0.342	-0.155
5941	59.40	-0.011	0.082	0.136	0.170	0.206	0.257	0.325	0.399	0.469	0.526
5951	59.50	0.575	0.621	0.670	0.718	0.752	0.756	0.722	0.655	0.573	0.498
5961	59.60	0.446	0.415	0.383	0.322	0.212	0.057	-0.111	-0.244	-0.297	-0.251
5971	59.70	-0.121	0.047	0.199	0.295	0.328	0.328	0.344	0.417	0.562	0.756
5981	59.80	0.944	1.070	1.091	1.001	0.824	0.606	0.389	0.196	0.032	-0.114
5991	59.90	-0.252	-0.383	-0.498	-0.585	-0.641	-0.680	-0.730	-0.819	-0.962	-1.145

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

INDEX NO. 2003 101-GR-1-122 HA. (HA.) SHINKATSUSHIKA B MAX. ACC. = 120.588 (GAL) T= 11.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.329	-1.461	-1.496	-1.415	-1.234	-0.996	-0.755	-0.554	-0.410	-0.314
6011	60.10	-0.239	-0.154	-0.044	0.091	0.237	0.375	0.493	0.589	0.671	0.746
6021	60.20	0.820	0.887	0.939	0.969	0.982	0.991	1.015	1.068	1.148	1.235
6031	60.30	1.296	1.295	1.211	1.046	0.829	0.605	0.420	0.305	0.268	0.289
6041	60.40	0.334	0.364	0.356	0.304	0.222	0.139	0.084	0.078	0.125	0.214
6051	60.50	0.321	0.414	0.467	0.459	0.382	0.242	0.057	-0.151	-0.358	-0.546
6061	60.60	-0.706	-0.837	-0.943	-1.032	-1.104	-1.156	-1.172	-1.153	-1.094	-1.005
6071	60.70	-0.904	-0.808	-0.728	-0.660	-0.588	-0.492	-0.361	-0.198	-0.031	0.099
6081	60.80	0.148	0.089	-0.076	-0.319	-0.594	-0.856	-1.072	-1.241	-1.379	-1.517
6091	60.90	-1.676	-1.865	-2.057	-2.214	-2.292	-2.260	-2.109	-1.855	-1.539	-1.212
6101	61.00	-0.923	-0.713	-0.603	-0.598	-0.680	-0.819	-0.974	-1.104	-1.177	-1.173
6111	61.10	-1.093	-0.950	-0.767	-0.568	-0.367	-0.167	0.036	0.251	0.480	0.719
6121	61.20	0.955	1.173	1.359	1.509	1.624	1.713	1.788	1.858	1.930	2.011
6131	61.30	2.103	2.210	2.331	2.457	2.574	2.663	2.705	2.688	2.612	2.487
6141	61.40	2.331	2.162	1.992	1.825	1.660	1.494	1.329	1.173	1.036	0.928
6151	61.50	0.849	0.794	0.748	0.700	0.639	0.565	0.482	0.398	0.316	0.240
6161	61.60	0.169	0.104	0.045	-0.005	-0.050	-0.099	-0.166	-0.264	-0.397	-0.551
6171	61.70	-0.693	-0.783	-0.787	-0.698	-0.536	-0.350	-0.194	-0.108	-0.096	-0.126
6181	61.80	-0.144	-0.102	0.023	0.207	0.395	0.520	0.533	0.426	0.234	0.022
6191	61.90	-0.145	-0.230	-0.233	-0.189	-0.148	-0.150	-0.210	-0.314	-0.433	-0.542
6201	62.00	-0.630	-0.709	-0.793	-0.896	-1.008	-1.104	-1.148	-1.115	-1.002	-0.832
6211	62.10	-0.647	-0.489	-0.381	-0.321	-0.287	-0.251	-0.194	-0.118	-0.045	-0.006
6221	62.20	-0.023	-0.100	-0.220	-0.350	-0.461	-0.535	-0.573	-0.592	-0.613	-0.650
6231	62.30	-0.709	-0.782	-0.857	-0.923	-0.975	-1.011	-1.029	-1.021	-0.979	-0.896
6241	62.40	-0.771	-0.620	-0.469	-0.346	-0.273	-0.252	-0.266	-0.285	-0.279	-0.234
6251	62.50	-0.157	-0.074	-0.014	0.001	-0.028	-0.078	-0.116	-0.112	-0.055	0.041
6261	62.60	0.143	0.213	0.227	0.182	0.098	0.004	-0.075	-0.135	-0.188	-0.259
6271	62.70	-0.369	-0.516	-0.675	-0.800	-0.843	-0.774	-0.595	-0.341	-0.069	0.166
6281	62.80	0.330	0.420	0.469	0.524	0.628	0.805	1.046	1.315	1.561	1.740
6291	62.90	1.824	1.813	1.725	1.592	1.443	1.298	1.166	1.038	0.913	0.784
6301	63.00	0.653	0.524	0.404	0.294	0.196	0.102	0.010	-0.082	-0.169	-0.242
6311	63.10	-0.295	-0.325	-0.338	-0.346	-0.364	-0.406	-0.474	-0.562	-0.651	-0.719
6321	63.20	-0.749	-0.732	-0.673	-0.586	-0.494	-0.413	-0.356	-0.322	-0.304	-0.288
6331	63.30	-0.261	-0.218	-0.159	-0.091	-0.026	0.028	0.065	0.088	0.104	0.122
6341	63.40	0.150	0.190	0.237	0.282	0.313	0.321	0.303	0.262	0.209	0.153
6351	63.50	0.105	0.066	0.034	0.003	-0.036	-0.083	-0.139	-0.196	-0.247	-0.291
6361	63.60	-0.328	-0.366	-0.411	-0.468	-0.533	-0.599	-0.655	-0.695	-0.717	-0.727
6371	63.70	-0.734	-0.746	-0.763	-0.773	-0.763	-0.717	-0.631	-0.512	-0.381	-0.260
6381	63.80	-0.166	-0.102	-0.055	0.001	0.088	0.215	0.370	0.524	0.636	0.674
6391	63.90	0.623	0.497	0.330	0.164	0.036	-0.037	-0.062	-0.063	-0.069	-0.101
6401	64.00	-0.163	-0.242	-0.310	-0.338	-0.302	-0.192	-0.011	0.227	0.497	0.767
6411	64.10	1.005	1.175	1.255	1.234	1.121	0.947	0.752	0.577	0.450	0.374
6421	64.20	0.335	0.303	0.252	0.170	0.063	-0.048	-0.144	-0.215	-0.267	-0.319
6431	64.30	-0.390	-0.488	-0.603	-0.711	-0.785	-0.808	-0.779	-0.715	-0.639	-0.567
6441	64.40	-0.504	-0.442	-0.369	-0.277	-0.171	-0.063	0.031	0.106	0.164	0.219
6451	64.50	0.280	0.345	0.400	0.428	0.417	0.373	0.325	0.307	0.349	0.458
6461	64.60	0.612	0.773	0.900	0.969	0.978	0.942	0.878	0.796	0.692	0.563
6471	64.70	0.418	0.285	0.204	0.208	0.296	0.427	0.529	0.532	0.412	0.207
6481	64.80	0.014	-0.061	0.049	0.330	0.688	0.992	1.144	1.135	1.059	1.065
6491	64.90	1.276	1.710	2.236	2.619	2.615	2.085	1.076	-0.173	-1.320	-2.049

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

INDEX NO. 2004 101-GR-1-122 U-D (U-D) SHINKATSUSHIKA 8 MAX. ACC. = -28.813 (GAL) T= 11.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.769	-1.757	-0.706	1.173	3.064	3.891	2.875	0.030	-3.698	-6.758
11	0.10	-7.680	-5.782	-1.562	3.466	7.434	8.943	7.711	4.652	1.392	-0.544
21	0.20	-0.484	1.105	2.911	3.501	2.111	-0.925	-4.305	-6.387	-6.006	-3.060
31	0.30	1.401	5.630	7.950	7.465	4.406	-0.026	-4.206	-6.760	-7.055	-5.348
41	0.40	-2.557	0.173	1.919	2.268	1.371	-0.202	-1.719	-2.543	-2.335	-1.141
51	0.50	0.628	2.335	3.332	3.211	1.985	0.126	-1.589	-2.391	-1.873	-0.215
61	0.60	1.850	3.333	3.449	2.021	-0.381	-2.650	-3.625	-2.645	0.121	3.704
71	0.70	6.743	8.085	7.277	4.764	1.564	-1.047	-2.270	-2.013	-0.863	0.252
81	0.80	0.542	-0.289	-1.960	-3.806	-5.137	-5.549	-5.056	-3.988	-2.747	-1.577
91	0.90	-0.463	0.775	2.284	3.983	5.505	6.316	5.955	4.284	1.609	-1.387
101	1.00	-3.885	-5.228	-5.159	-3.887	-1.971	-0.068	1.317	1.993	2.081	1.870
111	1.10	1.616	1.390	1.051	0.359	-0.839	-2.435	-4.026	-5.034	-4.968	-3.587
121	1.20	-1.242	1.378	3.395	4.108	3.291	1.304	-1.045	-2.822	-3.341	-2.430
131	1.30	-0.478	1.748	3.421	3.965	3.238	1.528	-0.599	-2.515	-3.714	-3.914
141	1.40	-3.070	-1.359	0.861	3.095	4.788	5.455	4.844	3.070	0.637	-1.698
151	1.50	-3.204	-3.472	-2.595	-1.124	0.198	0.807	0.598	-0.037	-0.441	-0.089
161	1.60	1.077	2.564	3.561	3.387	1.899	-0.353	-2.358	-3.135	-2.261	-0.124
171	1.70	2.239	3.650	3.396	1.605	-0.811	-2.629	-2.959	-1.711	0.362	2.078
181	1.80	2.475	1.340	-0.666	-2.368	-2.730	-1.458	0.800	2.756	3.156	1.463
191	1.90	-1.798	-5.242	-7.268	-6.032	-3.958	0.263	4.180	6.339	6.107	3.890
201	2.00	0.851	-1.692	-2.861	-2.544	-1.304	0.015	0.759	0.750	0.275	-0.178
211	2.10	-0.252	0.072	0.504	0.668	0.363	-0.297	-0.940	-1.166	-0.786	0.059
221	2.20	0.974	1.534	1.523	1.042	0.437	0.067	0.081	0.316	0.392	-0.050
231	2.30	-1.091	-2.430	-3.489	-3.691	-2.772	-0.963	1.074	2.522	2.783	1.753
241	2.40	-0.117	-2.026	-3.176	-3.117	-1.935	-0.173	1.432	2.276	2.131	1.195
251	2.50	-0.047	-1.078	-1.570	-1.490	-1.051	-0.556	-0.227	-0.115	-0.109	-0.044
261	2.60	0.186	0.559	0.947	1.193	1.210	1.027	0.766	0.565	0.490	0.499
271	2.70	0.465	0.260	-0.159	-0.710	-1.211	-1.463	-1.351	-0.898	-0.262	0.335
281	2.80	0.701	0.748	0.514	0.131	-0.244	-0.483	-0.521	-0.353	-0.018	0.422
291	2.90	0.882	1.251	1.409	1.256	0.770	0.051	-0.685	-1.167	-1.179	-0.668
301	3.00	0.205	1.114	1.694	1.715	1.186	0.365	-0.361	-0.666	-0.446	0.122
311	3.10	0.673	0.843	0.468	-0.307	-1.094	-1.447	-1.108	-0.163	0.970	1.721
321	3.20	1.650	0.680	-0.834	-2.246	-2.914	-2.507	-1.182	0.467	1.676	1.871
331	3.30	0.945	-0.666	-2.173	-2.798	-2.148	-0.427	1.630	3.066	3.140	1.681
341	3.40	-0.790	-3.260	-4.639	-4.234	-2.067	1.107	4.099	5.771	5.508	3.470
351	3.50	0.520	-2.145	-3.495	-3.088	-1.234	1.168	3.028	3.536	2.486	0.332
361	3.60	-2.046	-3.730	-4.158	-3.318	-1.703	-0.046	1.017	1.206	0.664	-0.179
371	3.70	-0.855	-1.088	-0.902	-0.553	-0.353	-0.473	-0.640	-1.185	-1.191	-0.686
381	3.80	0.249	1.296	2.046	2.188	1.653	0.639	-0.485	-1.345	-1.716	-1.583
391	3.90	-1.099	-0.474	0.135	0.673	1.145	1.540	1.766	1.664	1.093	0.059
401	4.00	-1.217	-2.334	-2.865	-2.559	-1.497	-0.097	1.051	1.456	0.971	-0.111
411	4.10	-1.180	-1.605	-1.063	0.269	1.764	2.636	2.338	0.868	-1.176	-2.844
421	4.20	-3.272	-2.119	0.230	2.792	4.413	4.287	2.334	-0.745	-3.758	-5.536
431	4.30	-5.419	-3.506	-0.567	2.322	4.235	4.735	3.951	2.409	0.733	-0.626
441	4.40	-4.495	-1.913	-1.966	-1.664	-0.933	0.268	1.800	3.292	4.229	4.184
451	4.50	3.057	1.189	-0.736	-1.978	-2.081	-1.100	0.416	1.683	2.060	1.363
461	4.60	-0.046	-1.447	-2.120	-1.708	-0.392	1.204	2.325	2.453	1.559	0.098
471	4.70	-1.223	-1.791	-1.371	-0.197	1.171	2.127	2.303	1.717	0.721	-0.195
481	4.80	-0.640	-0.489	0.103	0.815	1.335	1.492	1.302	0.906	0.470	0.091
491	4.90	-0.225	-0.524	-0.839	-1.137	-1.322	-1.287	-0.980	-0.448	0.169	0.686

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

INDEX NO. 2004 101-GR-1-122 U-D (U-D) SHINKATSUSHIKA 8 MAX. ACC. = -28.813 (GAL) T= 11.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.938	0.831	0.358	-0.409	-1.343	-2.273	-2.992	-3.280	-2.951	-1.934
511	5.10	-0.362	1.390	2.768	3.203	2.346	0.272	-2.452	-4.899	-6.096	-5.407
521	5.20	-2.832	0.923	4.676	7.200	7.712	6.192	3.388	0.497	-1.342	-1.537
531	5.30	-0.273	1.604	3.011	3.146	1.872	-0.218	-2.092	-2.781	-1.651	0.368
541	5.40	2.912	4.612	4.607	2.721	-0.470	-3.907	-6.492	-7.531	-6.952	-5.255
551	5.50	-3.228	-1.603	-0.791	-0.814	-1.401	-2.166	-2.761	-2.940	-2.555	-1.524
561	5.60	0.140	2.261	4.433	6.043	6.432	5.164	2.292	-1.540	-5.232	-7.605
571	5.70	-7.865	-5.945	-2.559	1.080	3.760	4.772	4.170	2.671	1.257	0.672
581	5.80	1.058	1.927	2.450	1.927	0.194	-2.256	-4.488	-5.570	-5.026	-3.067
591	5.90	-0.484	1.734	2.869	2.795	1.992	1.263	1.295	2.293	3.859	5.187
601	6.00	5.458	4.252	1.769	-1.230	-3.741	-4.944	-4.523	-2.780	-0.470	1.525
611	6.10	2.554	2.422	1.409	0.104	-0.873	-1.116	-0.579	0.445	1.455	1.949
621	6.20	1.613	0.434	-1.289	-3.030	-4.206	-4.364	-3.347	-1.373	1.004	3.054
631	6.30	4.111	3.813	2.249	-0.055	-2.319	-3.797	-4.058	-3.139	-1.510	0.142
641	6.40	1.206	1.395	0.825	-0.081	-0.823	-1.055	-0.714	0.015	0.851	1.595
651	6.50	2.213	2.786	3.361	3.817	3.840	3.068	1.333	-1.128	-3.643	-5.312
661	6.60	-5.391	-3.676	-0.684	2.488	4.598	4.801	3.042	0.100	-2.753	-4.328
671	6.70	-4.057	-2.242	0.120	1.831	2.074	0.786	-1.350	-3.288	-4.159	-3.699
681	6.80	-2.347	-0.963	-0.344	-0.780	-1.897	-2.863	-2.851	-1.503	0.842	3.278
691	6.90	4.763	4.622	2.882	0.258	-2.173	-3.469	-3.234	-1.750	0.196	1.714
701	7.00	2.209	1.620	0.389	-0.797	-1.336	-0.973	0.116	1.437	2.400	2.554
711	7.10	1.748	0.163	-1.753	-3.428	-4.334	-4.149	-2.875	-0.675	1.188	2.550
721	7.20	2.613	1.216	-1.222	-3.767	-5.283	-4.872	-2.291	1.855	6.270	9.426
731	7.30	10.166	8.199	4.246	-0.225	-3.591	-4.737	-3.503	-0.723	2.165	3.754
741	7.40	3.278	0.916	-2.319	-5.059	-6.188	-5.320	-2.931	-0.114	1.920	2.369
751	7.50	1.161	-1.050	-3.194	-4.246	-3.640	-1.464	1.604	4.591	6.589	7.061
761	7.60	5.977	3.767	1.140	-1.157	-2.545	-2.751	-1.848	-0.212	1.592	2.970
771	7.70	3.479	2.977	1.700	0.201	-0.833	-0.852	0.303	2.286	4.341	5.596
781	7.80	5.442	3.839	1.374	-0.963	-2.223	-1.950	-0.427	1.418	2.440	1.830
791	7.90	-0.456	-3.630	-6.405	-7.598	-6.700	-4.138	-1.080	1.130	1.624	0.438
801	8.00	-1.528	-2.985	-2.929	-1.174	1.549	3.969	4.940	4.045	1.807	-0.595
811	8.10	-1.970	-1.759	-0.339	1.195	1.661	0.488	-1.891	-4.209	-5.003	-3.434
821	8.20	0.186	4.437	7.419	7.685	4.987	0.468	-3.838	-5.952	-4.895	-1.160
831	8.30	3.515	6.973	7.637	5.231	0.855	-3.574	-6.237	-6.225	-3.885	-0.552
841	8.40	2.145	3.048	1.940	-0.468	-2.973	-4.480	-4.466	-3.108	-1.082	0.823
851	8.50	2.038	2.362	1.891	0.847	-0.558	-2.141	-3.668	-4.781	-5.038	-4.090
861	8.60	-1.926	0.986	3.754	5.371	5.134	2.998	-0.347	-3.712	-5.891	-6.158
871	8.70	-4.551	-1.812	0.979	2.894	3.534	3.125	2.307	1.738	1.743	2.166
881	8.80	2.496	2.183	0.962	-0.977	-3.059	-4.592	-5.076	-4.413	-2.912	-1.117
891	8.90	0.447	1.471	1.923	1.966	1.800	1.545	1.208	0.752	0.201	-0.312
901	9.00	-0.576	-0.418	0.171	0.991	1.688	1.916	1.506	0.562	-0.571	-1.460
911	9.10	-1.780	-1.462	-0.711	0.101	0.617	0.661	0.309	-0.160	-0.400	-0.151
921	9.20	0.656	1.890	3.277	4.505	5.311	5.536	5.143	4.207	2.901	1.468
931	9.30	0.173	-0.761	-1.231	-1.298	-1.164	-1.082	-1.219	-1.543	-1.806	-1.644
941	9.40	-0.766	0.867	2.965	5.008	6.469	7.076	6.946	6.518	6.284	6.453
951	9.50	6.724	6.327	4.336	0.139	-6.153	-13.594	-20.655	-25.764	-27.900	-26.960
961	9.60	-23.737	-19.517	-15.467	-12.255	-9.681	-7.104	-3.818	0.462	5.375	10.054
971	9.70	13.529	15.183	15.019	13.607	11.764	10.145	8.964	7.995	6.816	5.140
981	9.80	3.038	0.919	-0.704	-1.521	-1.605	-1.351	-1.201	-1.326	-1.448	-0.954
991	9.90	0.757	3.851	7.814	11.535	13.729	13.493	10.744	6.308	1.602	-1.951

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

INDEX NO. 2004 101-GR-1-122 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -28.813 (GAL) T= 11.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.510	-3.131	-1.601	-0.415	-0.406	-2.111	-5.234	-8.920	-12.141	-14.092
1011	10.10	-14.427	-13.264	-11.033	-8.275	-5.484	-3.050	-1.255	-0.263	-0.077	-0.476
1021	10.20	-1.006	-1.084	-0.210	1.785	4.591	7.460	9.474	9.922	8.626	6.045
1031	10.30	3.102	0.794	-0.237	0.054	1.146	2.267	2.803	2.605	2.037	1.724
1041	10.40	2.159	3.372	4.837	5.695	5.175	3.008	-0.388	-4.049	-6.876	-8.122
1051	10.50	-7.707	-6.214	-4.565	-3.551	-3.440	-3.883	-4.141	-3.530	-1.836	0.520
1061	10.60	2.668	3.741	3.367	1.929	0.452	0.116	1.636	4.800	8.424	10.779
1071	10.70	10.344	6.551	0.175	-6.841	-12.078	-13.597	-10.743	-4.459	3.046	9.144
1081	10.80	11.805	10.360	5.696	-0.103	-5.037	-7.310	-6.719	-4.250	-1.598	-0.324
1091	10.90	-1.112	-3.463	-5.987	-7.004	-5.545	-1.690	3.337	7.706	9.801	8.942
1101	11.00	5.689	1.572	-1.608	-2.594	-1.214	1.594	4.271	5.401	4.364	1.587
1111	11.10	-1.732	-4.260	-5.185	-4.574	-3.254	-2.288	-2.360	-3.375	-4.518	-4.710
1121	11.20	-3.234	-0.168	3.591	6.740	8.182	7.512	5.114	1.844	-1.494	-4.560
1131	11.30	-7.515	-10.665	-13.947	-16.608	-17.351	-14.939	-8.981	-0.425	8.566	15.422
1141	11.40	18.290	16.938	12.918	8.857	7.173	8.857	12.943	16.991	18.345	15.544
1151	11.50	9.128	1.413	-4.686	-7.159	-5.936	-2.871	-0.663	-1.271	-4.687	-8.778
1161	11.60	-10.328	-6.814	2.042	13.757	23.972	28.367	24.669	13.793	-0.497	-13.228
1171	11.70	-20.401	-20.654	-15.667	-9.155	-5.022	-5.590	-10.732	-18.228	-25.045	-28.813
1181	11.80	-28.770	-25.777	-21.550	-17.622	-14.620	-12.196	-9.527	-6.003	-1.647	2.944
1191	11.90	7.045	10.287	12.841	15.171	17.558	19.728	20.907	20.319	17.852	14.433
1201	12.00	11.797	11.650	14.629	19.633	23.997	24.550	19.140	7.874	-6.564	-19.779
1211	12.10	-27.393	-26.873	-18.621	-5.836	6.816	15.091	16.788	12.402	4.600	-3.163
1221	12.20	-8.181	-9.517	-8.099	-5.983	-5.209	-6.845	-10.611	-15.185	-18.935	-20.691
1231	12.30	-20.183	-18.016	-15.252	-12.867	-11.335	-10.495	-9.708	-8.192	-5.368	-1.101
1241	12.40	4.230	9.826	14.690	17.907	18.920	17.718	14.870	11.363	8.278	6.410
1251	12.50	5.980	6.579	7.392	7.612	6.872	5.468	4.254	4.231	6.017	9.440
1261	12.60	13.491	16.656	17.528	15.407	10.618	4.407	-1.565	-5.892	-7.966	-8.171
1271	12.70	-7.640	-7.692	-9.222	-12.275	-16.012	-19.051	-20.047	-18.253	-13.853	-7.920
1281	12.80	-2.030	2.318	4.248	3.802	1.882	-0.159	-1.098	-0.360	1.727	4.081
1291	12.90	5.344	4.511	1.427	-3.069	-7.439	-10.068	-9.936	-7.056	-2.464	2.242
1301	13.00	5.596	6.887	6.402	5.202	4.530	5.156	6.974	9.060	10.145	9.274
1311	13.10	6.315	2.063	-2.109	-4.875	-5.556	-4.390	-2.369	-0.722	-0.318	-1.282
1321	13.20	-2.987	-4.413	-4.665	-3.393	-0.926	1.920	4.230	5.370	5.187	3.955
1331	13.30	2.170	0.301	-1.343	-2.613	-3.420	-3.654	-3.180	-1.943	-0.082	2.026
1341	13.40	3.853	4.917	4.989	4.190	2.922	1.668	0.761	0.259	-0.015	-0.294
1351	13.50	-0.669	-0.999	-0.991	-0.418	0.661	1.823	2.425	1.911	0.131	-2.497
1361	13.60	-5.110	-6.752	-6.806	-5.290	-2.855	-0.496	0.906	0.959	-0.102	-1.598
1371	13.70	-2.782	-3.222	-2.974	-2.481	-2.250	-2.515	-3.052	-3.277	-2.551	-0.544
1381	13.80	2.548	6.049	9.090	10.974	11.451	10.755	9.402	7.889	6.449	5.002
1391	13.90	3.313	1.248	-1.032	-3.075	-4.340	-4.496	-3.649	-2.366	-1.444	-1.576
1401	14.00	-3.013	-5.452	-8.165	-10.319	-11.321	-11.030	-9.737	-7.959	-6.163	-4.570
1411	14.10	-3.130	-1.652	0.005	1.806	3.544	4.965	5.931	6.499	6.877	7.258
1421	14.20	7.654	7.818	7.340	5.860	3.300	-0.007	-3.394	-6.096	-7.556	-7.637
1431	14.30	-6.649	-5.170	-3.756	-2.698	-1.927	-1.125	0.041	1.693	3.635	5.438
1441	14.40	6.646	7.005	6.575	5.680	4.711	3.918	3.288	2.587	1.545	0.069
1451	14.50	-1.636	-3.119	-3.891	-3.692	-2.661	-1.325	-0.386	-0.404	-1.525	-3.391
1461	14.60	-5.276	-6.395	-6.240	-4.790	-2.510	-0.133	1.644	2.441	2.303	1.623
1471	14.70	0.926	0.612	0.796	1.283	1.675	1.562	0.694	-0.925	-3.029	-5.166
1481	14.80	-6.826	-7.562	-7.112	-5.473	-2.934	-0.031	2.581	4.319	4.885	4.404
1491	14.90	3.413	2.686	2.918	4.411	6.889	9.563	11.426	11.681	10.105	7.176

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

INDEX NO. 2004 101-GR-1-122 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -28.813 (GAL) T= 11.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.881	1.285	0.050	0.133	0.820	1.093	0.158	-2.126	-5.117	-7.667
1511	15.10	-8.656	-7.556	-4.730	-1.323	1.231	1.849	0.305	-2.660	-5.660	-7.285
1521	15.20	-6.760	-4.194	-0.702	2.264	3.463	2.411	-0.442	-3.929	-6.679	-7.673
1531	15.30	-6.618	-3.986	-0.751	2.051	3.715	4.078	3.483	2.543	1.853	1.759
1541	15.40	2.274	3.148	4.016	4.571	4.668	4.358	3.837	3.366	3.175	3.389
1551	15.50	3.985	4.783	5.482	5.723	5.193	3.712	1.309	-1.771	-5.122	-8.279
1561	15.60	-10.832	-12.517	-13.246	-13.073	-12.132	-10.568	-8.507	-6.055	-3.334	-0.515
1571	15.70	2.181	4.520	6.307	7.441	7.944	7.937	7.589	7.055	6.425	5.719
1581	15.80	4.903	3.939	2.818	1.589	0.352	-0.766	-1.643	-2.188	-2.357	-2.160
1591	15.90	-1.653	-0.931	-0.109	0.687	1.343	1.771	1.919	1.778	1.371	0.745
1601	16.00	-0.049	-0.965	-1.965	-3.019	-4.094	-5.143	-6.102	-6.888	-7.406	-7.568
1611	16.10	-7.313	-6.622	-5.537	-4.150	-2.581	-0.951	0.657	2.212	3.724	5.210
1621	16.20	6.652	7.963	9.000	9.605	9.681	9.249	8.465	7.571	6.792	6.231
1631	16.30	5.803	5.259	4.294	2.702	0.506	-2.000	-4.338	-6.013	-6.720	-6.466
1641	16.40	-5.580	-4.579	-3.960	-4.004	-4.684	-5.708	-6.666	-7.222	-7.239	-6.803
1651	16.50	-6.132	-5.441	-4.827	-4.247	-3.582	-2.749	-1.790	-0.870	-0.196	0.112
1661	16.60	0.122	0.094	0.375	1.234	2.721	4.615	6.505	7.959	8.703	8.719
1671	16.70	8.221	7.518	6.848	6.259	5.617	4.713	3.428	1.845	0.255	-0.956
1681	16.80	-1.491	-1.287	-0.560	0.288	0.847	0.880	0.410	-0.317	-0.988	-1.390
1691	16.90	-1.523	-1.585	-1.848	-2.488	-3.462	-4.495	-5.200	-5.249	-4.539	-3.253
1701	17.00	-1.788	-0.593	0.021	-0.004	-0.462	-0.993	-1.245	-1.021	-0.352	0.530
1711	17.10	1.293	1.629	1.359	0.474	-0.884	-2.470	-4.010	-5.254	-6.020	-6.218
1721	17.20	-5.862	-5.064	-4.007	-2.902	-1.924	-1.155	-0.558	-0.000	0.689	1.629
1731	17.30	2.828	4.160	5.410	6.357	6.870	6.957	6.761	6.496	6.353	6.421
1741	17.40	6.661	6.937	7.081	6.972	6.566	5.895	5.017	3.971	2.749	1.320
1751	17.50	-0.319	-2.097	-3.849	-5.355	-6.419	-6.956	-7.034	-6.856	-6.682	-6.720
1761	17.60	-7.043	-7.568	-8.114	-8.497	-8.624	-8.528	-8.336	-8.176	-8.075	-7.916
1771	17.70	-7.466	-6.477	-4.808	-2.510	0.174	2.881	5.263	7.098	8.338	9.080
1781	17.80	9.476	9.668	9.639	9.436	9.041	8.530	8.067	7.852	8.008	8.503
1791	17.90	9.114	9.502	9.349	8.502	7.049	5.291	3.605	2.280	1.377	0.718
1801	18.00	-0.022	-1.143	-2.758	-4.718	-6.663	-8.176	-8.959	-8.960	-8.388	-7.615
1811	18.10	-7.017	-6.819	-7.025	-7.436	-7.751	-7.699	-7.126	-6.035	-4.557	-2.886
1821	18.20	-1.218	0.282	1.492	2.327	2.736	2.712	2.305	1.631	0.855	0.146
1831	18.30	-0.362	-0.616	-0.648	-0.552	-0.442	-0.400	-0.452	-0.566	-0.671	-0.682
1841	18.40	-0.526	-0.156	0.445	1.257	2.219	3.224	4.125	4.758	4.982	4.725
1851	18.50	4.012	2.969	1.794	0.701	-0.136	-0.620	-0.745	-0.569	-0.187	0.303
1861	18.60	0.815	1.276	1.618	1.781	1.720	1.431	0.959	0.398	-0.135	-0.541
1871	18.70	-0.777	-0.873	-0.922	-1.043	-1.326	-1.802	-2.424	-3.091	-3.680	-4.093
1881	18.80	-4.278	-4.227	-3.962	-3.509	-2.877	-2.063	-1.067	0.083	1.319	2.525
1891	18.90	3.563	4.307	4.679	4.672	4.353	3.835	3.243	2.666	2.132	1.607
1901	19.00	1.021	0.314	-0.524	-1.419	-2.232	-2.793	-2.968	-2.705	-2.067	-1.207
1911	19.10	-0.322	0.421	0.935	1.233	1.401	1.546	1.736	1.968	2.166	2.225
1921	19.20	2.059	1.660	1.007	0.250	-0.535	-1.273	-1.921	-2.458	-2.861	-3.083
1931	19.30	-3.066	-2.755	-2.151	-1.319	-0.387	0.488	1.172	1.598	1.778	1.787
1941	19.40	1.714	1.624	1.532	1.404	1.195	0.876	0.454	-0.033	-0.538	-1.034
1951	19.50	-1.519	-2.009	-2.504	-2.967	-3.321	-3.471	-3.346	-2.938	-2.314	-1.601
1961	19.60	-0.934	-0.410	-0.056	0.168	0.339	0.523	0.747	0.997	1.235	1.430
1971	19.70	1.579	1.698	1.802	1.876	1.867	1.704	1.340	0.796	0.179	-0.347
1981	19.80	-0.616	-0.531	-0.109	0.529	1.203	1.755	2.111	2.297	2.408	2.539
1991	19.90	2.718	2.883	2.905	2.655	2.083	1.253	0.331	-0.480	-1.029	-1.279

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

INDEX NO. 2004 101-GR-1-122 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -28.813 (GAL) T= 11.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.317	-1.312	-1.431	-1.766	-2.295	-2.900	-3.424	-3.734	-3.772	-3.553
2011	20.10	-3.142	-2.609	-2.008	-1.376	-0.755	-0.214	0.150	0.237	0.004	-0.506
2021	20.20	-1.145	-1.707	-1.993	-1.894	-1.429	-0.738	-0.018	0.562	0.927	1.113
2031	20.30	1.235	1.414	1.709	2.095	2.477	2.750	2.860	2.833	2.756	2.727
2041	20.40	2.787	2.893	2.930	2.771	2.344	1.681	0.907	0.188	-0.356	-0.708
2051	20.50	-0.968	-1.305	-1.867	-2.703	-3.716	-4.692	-5.373	-5.563	-5.199	-4.375
2061	20.60	-3.298	-2.216	-1.323	-0.713	-0.367	-0.187	-0.052	0.137	0.428	0.821
2071	20.70	1.284	1.774	2.249	2.667	2.991	3.184	3.224	3.111	2.878	2.584
2081	20.80	2.297	2.072	1.930	1.855	1.803	1.723	1.582	1.374	1.123	0.869
2091	20.90	0.644	0.463	0.314	0.163	-0.033	-0.312	-0.689	-1.151	-1.647	-2.098
2101	21.00	-2.413	-2.516	-2.376	-2.030	-1.583	-1.183	-0.968	-1.013	-1.286	-1.649
2111	21.10	-1.903	-1.870	-1.473	-0.786	-0.023	0.537	0.660	0.257	-0.565	-1.528
2121	21.20	-2.283	-2.539	-2.133	-1.161	0.144	1.462	2.513	3.144	3.361	3.294
2131	21.30	3.116	2.965	2.887	2.836	2.714	2.434	1.971	1.378	0.767	0.265
2141	21.40	-0.037	-0.122	-0.042	0.096	0.177	0.114	-0.126	-0.515	-0.983	-1.443
2151	21.50	-1.820	-2.069	-2.181	-2.178	-2.089	-1.934	-1.709	-1.391	-0.948	-0.374
2161	21.60	0.298	0.982	1.559	1.903	1.933	1.636	1.085	0.410	-0.246	-0.773
2171	21.70	-1.135	-1.367	-1.552	-1.769	-2.056	-2.385	-2.679	-2.847	-2.826	-2.610
2181	21.80	-2.246	-1.811	-1.371	-0.953	-0.542	-0.099	0.408	0.979	1.573	2.134
2191	21.90	2.611	2.991	3.294	3.555	3.790	3.965	3.999	3.791	3.269	2.438
2201	22.00	1.394	0.311	-0.626	-1.277	-1.607	-1.690	-1.670	-1.705	-1.892	-2.235
2211	22.10	-2.649	-3.003	-3.181	-3.132	-2.890	-2.548	-2.215	-1.967	-1.814	-1.704
2221	22.20	-1.556	-1.302	-0.924	-0.462	0.003	0.387	0.643	0.779	0.855	0.956
2231	22.30	1.149	1.455	1.840	2.227	2.529	2.683	2.670	2.514	2.265	1.973
2241	22.40	1.666	1.348	1.012	0.659	0.314	0.025	-0.154	-0.194	-0.112	0.024
2251	22.50	0.118	0.079	-0.132	-0.485	-0.888	-1.218	-1.370	-1.297	-1.023	-0.626
2261	22.60	-0.207	0.158	0.435	0.634	0.790	0.926	1.040	1.099	1.062	0.901
2271	22.70	0.624	0.278	-0.071	-0.357	-0.536	-0.596	-0.548	-0.406	-0.181	0.122
2281	22.80	0.495	0.914	1.325	1.660	1.850	1.853	1.671	1.346	0.949	0.545
2291	22.90	0.173	-0.161	-0.484	-0.830	-1.218	-1.643	-2.070	-2.454	-2.755	-2.952
2301	23.00	-3.045	-3.054	-3.002	-2.904	-2.761	-2.557	-2.272	-1.892	-1.422	-0.899
2311	23.10	-0.391	0.012	0.221	0.180	-0.100	-0.529	-0.947	-1.160	-1.007	-0.416
2321	23.20	0.554	1.722	2.829	3.625	3.943	3.753	3.166	2.376	1.594	0.967
2331	23.30	0.542	0.275	0.073	-0.143	-0.399	-0.653	-0.824	-0.839	-0.669	-0.351
2341	23.40	0.032	0.382	0.632	0.767	0.819	0.846	0.892	0.969	1.040	1.049
2351	23.50	0.937	0.677	0.284	-0.188	-0.671	-1.097	-1.423	-1.632	-1.728	-1.721
2361	23.60	-1.626	-1.449	-1.201	-0.898	-0.570	-0.250	0.030	0.257	0.448	0.642
2371	23.70	0.892	1.243	1.704	2.244	2.785	3.229	3.486	3.499	3.260	2.816
2381	23.80	2.239	1.611	0.990	0.404	-0.148	-0.682	-1.207	-1.715	-2.179	-2.562
2391	23.90	-2.829	-2.966	-2.974	-2.873	-2.686	-2.434	-2.129	-1.777	-1.384	-0.963
2401	24.00	-0.529	-0.099	0.314	0.702	1.060	1.376	1.629	1.790	1.827	1.722
2411	24.10	1.484	1.149	0.777	0.429	0.154	-0.033	-0.149	-0.234	-0.336	-0.488
2421	24.20	-0.701	-0.963	-1.243	-1.505	-1.715	-1.844	-1.871	-1.778	-1.558	-1.217
2431	24.30	-0.780	-0.294	0.183	0.592	0.890	1.061	1.115	1.083	0.997	0.875
2441	24.40	0.715	0.500	0.213	-0.148	-0.558	-0.965	-1.308	-1.530	-1.602	-1.525
2451	24.50	-1.325	-1.038	-0.687	-0.281	0.189	0.728	1.321	1.915	2.430	2.773
2461	24.60	2.876	2.721	2.352	1.863	1.365	0.946	0.641	0.419	0.207	-0.073
2471	24.70	-0.470	-0.971	-1.511	-1.991	-2.320	-2.445	-2.367	-2.130	-1.797	-1.420
2481	24.80	-1.024	-0.607	-0.154	0.341	0.861	1.367	1.815	2.170	2.427	2.604
2491	24.90	2.736	2.850	2.955	3.030	3.038	2.943	2.732	2.418	2.045	1.672

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

INDEX NO. 2004 101-GR-1-122 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -28.813 (GAL) T= 11.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.350	1.109	0.944	0.816	0.666	0.427	0.053	-0.475	-1.130	-1.850
2511	25.10	-2.552	-3.152	-3.596	-3.871	-4.012	-4.081	-4.140	-4.221	-4.311	-4.356
2521	25.20	-4.290	-4.065	-3.685	-3.208	-2.726	-2.330	-2.060	-1.892	-1.739	-1.489
2531	25.30	-1.053	-0.404	0.414	1.302	2.148	2.869	3.435	3.865	4.200	4.464
2541	25.40	4.640	4.673	4.498	4.074	3.422	2.626	1.811	1.099	0.562	0.194
2551	25.50	-0.078	-0.366	-0.761	-1.296	-1.923	-2.531	-2.985	-3.180	-3.075	-2.709
2561	25.60	-2.179	-1.604	-1.079	-0.648	-0.300	0.011	0.338	0.709	1.118	1.526
2571	25.70	1.886	2.166	2.360	2.486	2.577	2.649	2.698	2.689	2.575	2.320
2581	25.80	1.915	1.391	0.813	0.255	-0.218	-0.569	-0.798	-0.931	-1.005	-1.051
2591	25.90	-1.081	-1.086	-1.041	-0.919	-0.703	-0.398	-0.038	0.322	0.613	0.770
2601	26.00	0.750	0.547	0.191	-0.255	-0.725	-1.163	-1.550	-1.900	-2.249	-2.626
2611	26.10	-3.028	-3.410	-3.696	-3.805	-3.688	-3.352	-2.861	-2.315	-1.806	-1.383
2621	26.20	-1.039	-0.718	-0.347	0.120	0.684	1.295	1.875	2.358	2.713	2.952
2631	26.30	3.113	3.235	3.328	3.364	3.292	3.066	2.675	2.152	1.572	1.022
2641	26.40	0.572	0.247	0.032	-0.124	-0.275	-0.459	-0.688	-0.945	-1.196	-1.407
2651	26.50	-1.552	-1.613	-1.584	-1.465	-1.265	-1.003	-0.706	-0.410	-0.153	0.036
2661	26.60	0.140	0.162	0.117	0.025	-0.092	-0.217	-0.342	-0.465	-0.589	-0.725
2671	26.70	-0.886	-1.082	-1.313	-1.551	-1.747	-1.827	-1.725	-1.403	-0.885	-0.257
2681	26.80	0.343	0.769	0.920	0.776	0.412	-0.025	-0.369	-0.489	-0.339	0.039
2691	26.90	0.532	1.008	1.364	1.558	1.607	1.569	1.503	1.442	1.389	1.318
2701	27.00	1.207	1.048	0.862	0.683	0.542	0.450	0.393	0.338	0.257	0.139
2711	27.10	0.005	-0.108	-0.159	-0.126	-0.017	0.130	0.270	0.364	0.399	0.392
2721	27.20	0.379	0.397	0.464	0.568	0.677	0.745	0.734	0.627	0.434	0.181
2731	27.30	-0.095	-0.364	-0.607	-0.818	-1.000	-1.156	-1.289	-1.398	-1.480	-1.535
2741	27.40	-1.564	-1.570	-1.548	-1.492	-1.389	-1.229	-1.012	-0.749	-0.463	-0.178
2751	27.50	0.087	0.326	0.553	0.766	1.041	1.311	1.566	1.754	1.819	1.726
2761	27.60	1.476	1.115	0.726	0.404	0.226	0.230	0.401	0.681	0.964	1.225
2771	27.70	1.347	1.325	1.175	0.934	0.646	0.346	0.050	-0.240	-0.533	-0.832
2781	27.80	-1.128	-1.388	-1.567	-1.618	-1.505	-1.227	-0.820	-0.353	0.087	0.424
2791	27.90	0.617	0.677	0.657	0.641	0.698	0.861	1.106	1.357	1.520	1.516
2801	28.00	1.320	0.969	0.549	0.158	-0.134	-0.311	-0.412	-0.507	-0.653	-0.863
2811	28.10	-1.091	-1.253	-1.267	-1.092	-0.762	-0.377	-0.068	0.049	-0.076	-0.410
2821	28.20	-0.851	-1.267	-1.545	-1.629	-1.529	-1.309	-1.051	-0.823	-0.656	-0.546
2831	28.30	-0.466	-0.387	-0.292	-0.178	-0.052	0.080	0.223	0.383	0.564	0.756
2841	28.40	0.930	1.048	1.072	0.980	0.776	0.486	0.153	-0.185	-0.496	-0.765
2851	28.50	-0.987	-1.157	-1.271	-1.317	-1.283	-1.167	-0.973	-0.720	-0.431	-0.127
2861	28.60	0.178	0.476	0.764	1.034	1.270	1.447	1.545	1.548	1.458	1.293
2871	28.70	1.085	0.862	0.650	0.455	0.276	0.102	-0.070	-0.241	-0.398	-0.529
2881	28.80	-0.623	-0.680	-0.707	-0.717	-0.717	-0.704	-0.667	-0.587	-0.456	-0.276
2891	28.90	-0.070	0.128	0.284	0.375	0.401	0.376	0.321	0.248	0.149	-0.000
2901	29.00	-0.227	-0.535	-0.894	-1.231	-1.450	-1.464	-1.230	-0.774	-0.185	0.410
2911	29.10	0.890	1.183	1.284	1.253	1.181	1.149	1.194	1.302	1.413	1.462
2921	29.20	1.404	1.231	0.974	0.679	0.388	0.119	-0.129	-0.365	-0.591	-0.788
2931	29.30	-0.929	-0.984	-0.945	-0.829	-0.676	-0.528	-0.414	-0.340	-0.290	-0.246
2941	29.40	-0.201	-0.173	-0.195	-0.304	-0.511	-0.798	-1.115	-1.402	-1.610	-1.718
2951	29.50	-1.739	-1.704	-1.644	-1.574	-1.486	-1.360	-1.176	-0.932	-0.648	-0.358
2961	29.60	-0.100	0.103	0.247	0.341	0.405	0.457	0.508	0.565	0.633	0.719
2971	29.70	0.827	0.954	1.088	1.207	1.288	1.324	1.325	1.321	1.369	1.433
2981	29.80	1.571	1.731	1.860	1.910	1.851	1.690	1.458	1.199	0.949	0.723
2991	29.90	0.517	0.320	0.130	-0.042	-0.171	-0.238	-0.246	-0.226	-0.230	-0.308

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

INDEX NO. 2004 101-GR-1-122 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -28.813 (GAL) T= 11.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.484	-0.743	-1.026	-1.259	-1.376	-1.348	-1.194	-0.966	-0.732	-0.543
3011	30.10	-0.419	-0.347	-0.292	-0.220	-0.110	0.028	0.208	0.380	0.535	0.659
3021	30.20	0.738	0.754	0.684	0.504	0.207	-0.190	-0.440	-0.674	-1.419	-1.621
3031	30.30	-1.660	-1.551	-1.337	-1.069	-0.785	-0.503	-0.222	0.067	0.365	0.657
3041	30.40	0.911	1.092	1.177	1.164	1.077	0.955	0.837	0.745	0.680	0.625
3051	30.50	0.562	0.480	0.386	0.302	0.250	0.239	0.250	0.245	0.177	0.013
3061	30.60	-0.249	-0.579	-0.917	-1.199	-1.376	-1.419	-1.340	-1.161	-0.910	-0.610
3071	30.70	-0.276	0.079	0.434	0.760	1.017	1.176	1.224	1.170	1.047	0.887
3081	30.80	0.714	0.531	0.326	0.088	-0.170	-0.409	-0.559	-0.550	-0.336	0.075
3091	30.90	0.620	1.191	1.671	1.965	2.034	1.897	1.617	1.283	0.968	0.721
3101	31.00	0.549	0.431	0.329	0.205	0.034	-0.189	-0.449	-0.716	-0.957	-1.144
3111	31.10	-1.268	-1.339	-1.384	-1.436	-1.515	-1.619	-1.718	-1.767	-1.724	-1.572
3121	31.20	-1.332	-1.055	-0.802	-0.620	-0.522	-0.483	-0.460	-0.422	-0.370	-0.347
3131	31.30	-0.417	-0.633	-1.004	-1.476	-1.950	-2.315	-2.489	-2.458	-2.267	-2.005
3141	31.40	-1.750	-1.541	-1.356	-1.129	-0.791	-0.306	0.302	0.959	1.564	2.038
3151	31.50	2.353	2.537	2.662	2.803	3.007	3.275	3.564	3.810	3.958	3.982
3161	31.60	3.892	3.719	3.505	3.276	3.040	2.785	2.493	2.151	1.758	1.327
3171	31.70	0.878	0.432	0.008	-0.381	-0.726	-1.019	-1.253	-1.428	-1.548	-1.630
3181	31.80	-1.695	-1.768	-1.867	-1.997	-2.148	-2.294	-2.407	-2.469	-2.475	-2.443
3191	31.90	-2.404	-2.391	-2.421	-2.486	-2.551	-2.568	-2.491	-2.299	-2.007	-1.662
3201	32.00	-1.325	-1.052	-0.864	-0.747	-0.654	-0.531	-0.334	-0.052	0.296	0.674
3211	32.10	1.044	1.384	1.691	1.971	2.220	2.422	2.539	2.533	2.382	2.099
3221	32.20	1.733	1.351	1.019	0.771	0.601	0.470	0.325	0.130	-0.119	-0.395
3231	32.30	-0.653	-0.851	-0.974	-1.032	-1.058	-1.084	-1.127	-1.188	-1.253	-1.312
3241	32.40	-1.364	-1.425	-1.512	-1.631	-1.767	-1.880	-1.926	-1.870	-1.709	-1.474
3251	32.50	-1.220	-1.001	-0.851	-0.766	-0.716	-0.654	-0.546	-0.382	-0.181	0.020
3261	32.60	0.191	0.319	0.417	0.516	0.646	0.820	1.029	1.247	1.444	1.602
3271	32.70	1.729	1.852	2.006	2.213	2.468	2.740	2.976	3.120	3.135	3.014
3281	32.80	2.779	2.473	2.149	1.848	1.594	1.395	1.243	1.124	1.025	0.932
3291	32.90	0.836	0.727	0.595	0.434	0.246	0.040	-0.164	-0.342	-0.478	-0.569
3301	33.00	-0.628	-0.684	-0.767	-0.896	-1.068	-1.256	-1.414	-1.493	-1.460	-1.310
3311	33.10	-1.068	-0.783	-0.509	-0.286	-0.132	-0.038	0.018	0.065	0.116	0.175
3321	33.20	0.232	0.274	0.298	0.314	0.335	0.377	0.436	0.495	0.523	0.486
3331	33.30	0.371	0.189	-0.021	-0.203	-0.302	-0.286	-0.154	0.063	0.312	0.540
3341	33.40	0.707	0.793	0.802	0.749	0.655	0.532	0.387	0.223	0.043	-0.147
3351	33.50	-0.334	-0.503	-0.645	-0.756	-0.841	-0.909	-0.970	-1.028	-1.081	-1.121
3361	33.60	-1.141	-1.136	-1.112	-1.083	-1.067	-1.083	-1.141	-1.239	-1.357	-1.465
3371	33.70	-1.530	-1.525	-1.442	-1.295	-1.119	-0.956	-0.842	-0.790	-0.785	-0.787
3381	33.80	-0.743	-0.612	-0.382	-0.073	0.261	0.558	0.770	0.880	0.914	0.924
3391	33.90	0.969	1.088	1.282	1.512	1.712	1.813	1.775	1.594	1.310	0.989
3401	34.00	0.701	0.494	0.381	0.337	0.312	0.252	0.118	-0.103	-0.395	-0.719
3411	34.10	-1.036	-1.317	-1.555	-1.764	-1.966	-2.162	-2.410	-2.624	-2.779	-2.822
3421	34.20	-2.716	-2.456	-2.071	-1.620	-1.171	-0.783	-0.484	-0.269	-0.109	0.034
3431	34.30	0.186	0.356	0.534	0.702	0.848	0.973	1.092	1.224	1.375	1.537
3441	34.40	1.680	1.769	1.774	1.686	1.527	1.328	1.133	0.976	0.874	0.824
3451	34.50	0.809	0.809	0.804	0.783	0.737	0.662	0.557	0.427	0.283	0.146
3461	34.60	0.043	-0.006	0.010	0.082	0.186	0.294	0.381	0.436	0.465	0.484
3471	34.70	0.512	0.559	0.624	0.695	0.762	0.815	0.855	0.885	0.906	0.915
3481	34.80	0.901	0.853	0.767	0.655	0.537	0.439	0.380	0.361	0.368	0.373
3491	34.90	0.354	0.301	0.224	0.145	0.088	0.066	0.072	0.081	0.062	-0.009

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

INDEX NO. 2004 101-GR-1-122 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -28.813 (GAL) T= 11.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.140	-0.319	-0.524	-0.727	-0.912	-1.071	-1.212	-1.345	-1.479	-1.620
3511	35.10	-1.768	-1.920	-2.070	-2.208	-2.317	-2.375	-2.361	-2.260	-2.072	-1.822
3521	35.20	-1.551	-1.305	-1.118	-0.998	-0.925	-0.857	-0.753	-0.592	-0.380	-0.151
3531	35.30	0.052	0.202	0.299	0.375	0.474	0.630	0.849	1.095	1.307	1.423
3541	35.40	1.409	1.271	1.058	0.834	0.653	0.540	0.479	0.434	0.370	0.277
3551	35.50	0.179	0.118	0.135	0.241	0.410	0.586	0.711	0.753	0.723	0.672
3561	35.60	0.667	0.753	0.936	1.166	1.364	1.452	1.387	1.179	0.887	0.586
3571	35.70	0.344	0.185	0.094	0.024	-0.070	-0.211	-0.387	-0.561	-0.687	-0.734
3581	35.80	-0.696	-0.590	-0.445	-0.279	-0.097	0.111	0.350	0.613	0.869	1.069
3591	35.90	1.166	1.132	0.977	0.743	0.493	0.288	0.164	0.123	0.136	0.159
3601	36.00	0.156	0.109	0.023	-0.076	-0.162	-0.216	-0.238	-0.240	-0.244	-0.265
3611	36.10	-0.309	-0.366	-0.423	-0.464	-0.481	-0.479	-0.471	-0.471	-0.494	-0.543
3621	36.20	-0.613	-0.690	-0.759	-0.807	-0.827	-0.819	-0.787	-0.738	-0.679	-0.617
3631	36.30	-0.557	-0.502	-0.457	-0.423	-0.399	-0.380	-0.357	-0.321	-0.268	-0.202
3641	36.40	-0.134	-0.083	-0.062	-0.076	-0.114	-0.150	-0.154	-0.097	0.034	0.231
3651	36.50	0.469	0.713	0.931	1.102	1.223	1.305	1.365	1.413	1.453	1.472
3661	36.60	1.457	1.396	1.288	1.151	1.013	0.905	0.850	0.854	0.895	0.936
3671	36.70	0.926	0.825	0.611	0.294	-0.089	-0.486	-0.841	-1.119	-1.309	-1.427
3681	36.80	-1.504	-1.564	-1.617	-1.650	-1.635	-1.548	-1.383	-1.166	-0.945	-0.774
3691	36.90	-0.688	-0.687	-0.734	-0.770	-0.743	-0.633	-0.464	-0.296	-0.200	-0.224
3701	37.00	-0.367	-0.580	-0.781	-0.888	-0.852	-0.679	-0.420	-0.150	0.059	0.172
3711	37.10	0.194	0.167	0.138	0.147	0.204	0.293	0.386	0.458	0.500	0.525
3721	37.20	0.556	0.615	0.712	0.839	0.976	1.096	1.181	1.216	1.201	1.136
3731	37.30	1.025	0.869	0.672	0.442	0.193	-0.058	-0.291	-0.494	-0.666	-0.813
3741	37.40	-0.942	-1.061	-1.167	-1.253	-1.310	-1.337	-1.344	-1.352	-1.382	-1.449
3751	37.50	-1.546	-1.649	-1.716	-1.708	-1.603	-1.403	-1.139	-0.855	-0.595	-0.388
3761	37.60	-0.233	-0.108	0.022	0.189	0.405	0.660	0.924	1.157	1.322	1.396
3771	37.70	1.372	1.260	1.083	0.870	0.654	0.465	0.327	0.252	0.240	0.273
3781	37.80	0.322	0.354	0.347	0.292	0.202	0.101	0.017	-0.036	-0.063	-0.085
3791	37.90	-0.128	-0.205	-0.309	-0.407	-0.454	-0.411	-0.263	-0.027	0.248	0.505
3801	38.00	0.695	0.796	0.820	0.804	0.792	0.818	0.894	1.007	1.133	1.245
3811	38.10	1.325	1.370	1.385	1.382	1.367	1.341	1.300	1.241	1.164	1.075
3821	38.20	0.981	0.889	0.803	0.719	0.635	0.548	0.462	0.383	0.319	0.273
3831	38.30	0.241	0.214	0.177	0.117	0.026	-0.096	-0.243	-0.406	-0.575	-0.746
3841	38.40	-0.913	-1.075	-1.224	-1.351	-1.444	-1.493	-1.492	-1.444	-1.358	-1.253
3851	38.50	-1.144	-1.046	-0.964	-0.897	-0.838	-0.780	-0.717	-0.650	-0.583	-0.523
3861	38.60	-0.473	-0.436	-0.407	-0.380	-0.347	-0.305	-0.253	-0.194	-0.133	-0.074
3871	38.70	-0.017	0.040	0.097	0.155	0.211	0.264	0.310	0.351	0.392	0.437
3881	38.80	0.491	0.550	0.605	0.644	0.652	0.625	0.562	0.478	0.387	0.309
3891	38.90	0.253	0.223	0.213	0.213	0.213	0.207	0.192	0.169	0.143	0.117
3901	39.00	0.092	0.070	0.050	0.029	0.007	-0.019	-0.048	-0.079	-0.112	-0.143
3911	39.10	-0.170	-0.196	-0.217	-0.244	-0.278	-0.320	-0.367	-0.412	-0.451	-0.481
3921	39.20	-0.509	-0.543	-0.592	-0.657	-0.726	-0.774	-0.772	-0.698	-0.547	-0.336
3931	39.30	-0.098	0.127	0.306	0.428	0.504	0.556	0.607	0.667	0.725	0.756
3941	39.40	0.732	0.639	0.486	0.304	0.138	0.027	-0.014	0.002	0.039	0.052
3951	39.50	0.005	-0.109	-0.272	-0.440	-0.565	-0.610	-0.561	-0.428	-0.241	-0.037
3961	39.60	0.156	0.316	0.447	0.555	0.650	0.735	0.806	0.854	0.868	0.841
3971	39.70	0.775	0.678	0.562	0.438	0.314	0.192	0.070	-0.051	-0.169	-0.278
3981	39.80	-0.367	-0.427	-0.455	-0.454	-0.430	-0.393	-0.350	-0.298	-0.234	-0.150
3991	39.90	-0.041	0.088	0.226	0.360	0.477	0.568	0.634	0.681	0.711	0.723

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

INDEX NO. 2004 101-GR-1-122 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -28.813 (GAL) T= 11.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.708	0.653	0.549	0.395	0.207	0.007	-0.177	-0.328	-0.440	-0.526
4011	40.10	-0.604	-0.692	-0.798	-0.912	-1.015	-1.083	-1.102	-1.068	-0.992	-0.892
4021	40.20	-0.783	-0.672	-0.558	-0.434	-0.296	-0.145	0.008	0.149	0.268	0.366
4031	40.30	0.451	0.539	0.639	0.752	0.863	0.953	0.998	0.989	0.926	0.823
4041	40.40	0.700	0.571	0.443	0.313	0.176	0.027	-0.130	-0.285	-0.424	-0.543
4051	40.50	-0.644	-0.740	-0.847	-0.973	-1.113	-1.244	-1.336	-1.358	-1.295	-1.150
4061	40.60	-0.948	-0.727	-0.521	-0.352	-0.223	-0.119	-0.015	0.111	0.268	0.445
4071	40.70	0.620	0.760	0.841	0.849	0.791	0.686	0.561	0.442	0.344	0.270
4081	40.80	0.210	0.151	0.081	-0.003	-0.097	-0.192	-0.275	-0.342	-0.390	-0.425
4091	40.90	-0.451	-0.470	-0.481	-0.476	-0.450	-0.403	-0.340	-0.268	-0.201	-0.143
4101	41.00	-0.095	-0.052	-0.008	0.042	0.099	0.157	0.210	0.256	0.298	0.340
4111	41.10	0.389	0.447	0.510	0.570	0.619	0.654	0.682	0.711	0.750	0.799
4121	41.20	0.846	0.868	0.844	0.760	0.620	0.446	0.269	0.119	0.009	-0.062
4131	41.30	-0.114	-0.172	-0.253	-0.361	-0.485	-0.608	-0.716	-0.811	-0.904	-1.015
4141	41.40	-1.156	-1.324	-1.491	-1.617	-1.660	-1.595	-1.424	-1.181	-0.920	-0.696
4151	41.50	-0.569	-0.486	-0.483	-0.493	-0.468	-0.374	-0.205	0.014	0.241	0.433
4161	41.60	0.563	0.628	0.654	0.676	0.728	0.830	0.973	1.133	1.275	1.368
4171	41.70	1.399	1.369	1.296	1.191	1.071	0.938	0.787	0.614	0.424	0.229
4181	41.80	0.048	-0.103	-0.213	-0.286	-0.330	-0.359	-0.380	-0.392	-0.385	-0.352
4191	41.90	-0.288	-0.200	-0.106	-0.028	0.017	0.017	-0.022	-0.087	-0.156	-0.206
4201	42.00	-0.221	-0.195	-0.136	-0.053	0.026	0.082	0.100	0.078	0.028	-0.029
4211	42.10	-0.072	-0.091	-0.087	-0.079	-0.088	-0.127	-0.193	-0.265	-0.316	-0.328
4221	42.20	-0.307	-0.283	-0.296	-0.379	-0.530	-0.708	-0.847	-0.881	-0.785	-0.588
4231	42.30	-0.364	-0.202	-0.155	-0.212	-0.288	-0.260	-0.026	0.442	1.070	1.703
4241	42.40	2.160	2.311	2.129	1.704	1.200	0.789	0.575	0.562	0.662	0.747
4251	42.50	0.717	0.547	0.296	0.071	-0.027	0.048	0.264	0.533	0.760	0.880
4261	42.60	0.892	0.841	0.791	0.785	0.820	0.857	0.844	0.751	0.590	0.404
4271	42.70	0.244	0.139	0.073	-0.002	-0.137	-0.360	-0.648	-0.937	-1.154	-1.250
4281	42.80	-1.233	-1.156	-1.103	-1.136	-1.269	-1.460	-1.629	-1.701	-1.639	-1.463
4291	42.90	-1.236	-1.033	-0.898	-0.827	-0.768	-0.655	-0.435	-0.104	0.300	0.710
4301	43.00	1.067	1.343	1.552	1.728	1.907	2.091	2.250	2.324	2.259	2.035
4311	43.10	1.677	1.255	0.851	0.534	0.330	0.218	0.143	0.046	-0.110	-0.323
4321	43.20	-0.560	-0.773	-0.923	-0.998	-1.017	-1.021	-1.053	-1.140	-1.279	-1.446
4331	43.30	-1.603	-1.714	-1.761	-1.742	-1.673	-1.577	-1.472	-1.372	-1.281	-1.202
4341	43.40	-1.135	-1.083	-1.047	-1.022	-1.000	-0.965	-0.902	-0.803	-0.674	-0.530
4351	43.50	-0.393	-0.282	-0.206	-0.150	-0.103	-0.043	0.043	0.153	0.273	0.384
4361	43.60	0.475	0.545	0.609	0.666	0.793	0.933	1.092	1.249	1.382	1.481
4371	43.70	1.548	1.599	1.652	1.712	1.773	1.812	1.802	1.723	1.571	1.357
4381	43.80	1.105	0.843	0.591	0.360	0.154	-0.029	-0.190	-0.329	-0.450	-0.562
4391	43.90	-0.678	-0.815	-0.985	-1.184	-1.396	-1.594	-1.746	-1.833	-1.847	-1.798
4401	44.00	-1.705	-1.583	-1.442	-1.279	-1.091	-0.874	-0.633	-0.381	-0.131	0.109
4411	44.10	0.339	0.568	0.807	1.055	1.296	1.501	1.636	1.674	1.604	1.439
4421	44.20	1.205	0.936	0.662	0.405	0.179	-0.010	-0.157	-0.258	-0.315	-0.341
4431	44.30	-0.356	-0.382	-0.438	-0.526	-0.629	-0.717	-0.756	-0.727	-0.632	-0.491
4441	44.40	-0.340	-0.211	-0.122	-0.072	-0.051	-0.041	-0.035	-0.036	-0.052	-0.091
4451	44.50	-0.154	-0.230	-0.306	-0.372	-0.428	-0.480	-0.537	-0.599	-0.651	-0.671
4461	44.60	-0.634	-0.533	-0.383	-0.219	-0.081	0.001	0.028	0.025	0.035	0.096
4471	44.70	0.223	0.398	0.580	0.727	0.812	0.836	0.830	0.831	0.865	0.935
4481	44.80	1.015	1.067	1.060	0.986	0.864	0.729	0.617	0.546	0.512	0.490
4491	44.90	0.450	0.372	0.255	0.117	-0.020	-0.136	-0.226	-0.296	-0.363	-0.439

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

INDEX NO. 2004 101-GR-1-122 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -28.813 (GAL) T= 11.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.529	-0.627	-0.719	-0.787	-0.818	-0.799	-0.728	-0.607	-0.449	-0.276
4511	45.10	-0.121	-0.020	0.002	-0.060	-0.183	-0.319	-0.414	-0.424	-0.337	-0.181
4521	45.20	-0.008	0.121	0.164	0.115	0.006	-0.106	-0.167	-0.146	-0.044	0.108
4531	45.30	0.266	0.393	0.473	0.513	0.534	0.557	0.596	0.651	0.716	0.781
4541	45.40	0.844	0.905	0.964	1.017	1.053	1.057	1.017	0.929	0.803	0.656
4551	45.50	0.507	0.369	0.243	0.126	0.010	-0.109	-0.227	-0.336	-0.429	-0.502
4561	45.60	-0.560	-0.609	-0.655	-0.699	-0.741	-0.777	-0.809	-0.843	-0.887	-0.944
4571	45.70	-1.011	-1.071	-1.103	-1.090	-1.027	-0.927	-0.813	-0.709	-0.628	-0.561
4581	45.80	-0.486	-0.376	-0.211	0.009	0.266	0.529	0.771	0.975	1.140	1.274
4591	45.90	1.387	1.480	1.545	1.567	1.536	1.451	1.328	1.187	1.047	0.920
4601	46.00	0.802	0.683	0.551	0.397	0.223	0.036	-0.155	-0.345	-0.530	-0.705
4611	46.10	-0.863	-0.992	-1.083	-1.131	-1.144	-1.140	-1.140	-1.155	-1.178	-1.184
4621	46.20	-1.142	-1.026	-0.833	-0.589	-0.334	-0.108	0.069	0.206	0.338	0.501
4631	46.30	0.716	0.959	1.187	1.330	1.338	1.195	0.935	0.628	0.349	0.155
4641	46.40	0.062	0.042	0.045	0.022	-0.055	-0.176	-0.311	-0.421	-0.482	-0.492
4651	46.50	-0.474	-0.457	-0.463	-0.499	-0.551	-0.598	-0.623	-0.622	-0.607	-0.595
4661	46.60	-0.603	-0.632	-0.674	-0.712	-0.734	-0.740	-0.742	-0.757	-0.800	-0.868
4671	46.70	-0.943	-0.991	-0.981	-0.894	-0.734	-0.530	-0.324	-0.158	-0.058	-0.025
4681	46.80	-0.040	-0.067	-0.071	-0.030	0.063	0.193	0.339	0.477	0.593	0.683
4691	46.90	0.754	0.817	0.882	0.955	1.032	1.109	1.177	1.232	1.270	1.291
4701	47.00	1.294	1.280	1.249	1.202	1.141	1.069	0.992	0.912	0.830	0.744
4711	47.10	0.651	0.550	0.446	0.345	0.257	0.189	0.139	0.102	0.065	0.013
4721	47.20	-0.061	-0.156	-0.261	-0.361	-0.441	-0.492	-0.517	-0.530	-0.545	-0.575
4731	47.30	-0.623	-0.680	-0.729	-0.753	-0.739	-0.690	-0.620	-0.556	-0.525	-0.545
4741	47.40	-0.620	-0.736	-0.860	-0.958	-0.998	-0.965	-0.866	-0.728	-0.590	-0.489
4751	47.50	-0.444	-0.454	-0.493	-0.527	-0.520	-0.458	-0.348	-0.220	-0.111	-0.049
4761	47.60	-0.040	-0.064	-0.084	-0.063	0.016	0.144	0.288	0.407	0.469	0.473
4771	47.70	0.446	0.431	0.468	0.572	0.723	0.870	0.957	0.945	0.829	0.643
4781	47.80	0.440	0.273	0.167	0.113	0.072	0.004	-0.115	-0.274	-0.430	-0.526
4791	47.90	-0.521	-0.405	-0.205	0.025	0.228	0.368	0.441	0.472	0.493	0.528
4801	48.00	0.575	0.609	0.595	0.509	0.352	0.156	-0.033	-0.169	-0.229	-0.224
4811	48.10	-0.187	-0.166	-0.196	-0.288	-0.425	-0.567	-0.671	-0.705	-0.659	-0.545
4821	48.20	-0.389	-0.222	-0.065	0.070	0.184	0.284	0.378	0.469	0.554	0.623
4831	48.30	0.667	0.678	0.656	0.605	0.536	0.463	0.396	0.340	0.296	0.258
4841	48.40	0.219	0.174	0.123	0.071	0.025	-0.009	-0.034	-0.054	-0.082	-0.125
4851	48.50	-0.189	-0.269	-0.356	-0.438	-0.505	-0.558	-0.602	-0.646	-0.697	-0.755
4861	48.60	-0.809	-0.844	-0.843	-0.798	-0.713	-0.602	-0.489	-0.399	-0.347	-0.334
4871	48.70	-0.348	-0.368	-0.373	-0.345	-0.285	-0.204	-0.123	-0.066	-0.047	-0.066
4881	48.80	-0.109	-0.153	-0.175	-0.164	-0.121	-0.061	-0.004	0.036	0.057	0.068
4891	48.90	0.084	0.117	0.165	0.215	0.251	0.259	0.247	0.236	0.260	0.340
4901	49.00	0.474	0.625	0.735	0.738	0.597	0.318	-0.043	-0.395	-0.646	-0.734
4911	49.10	-0.647	-0.431	-0.163	0.074	0.225	0.277	0.262	0.233	0.241	0.314
4921	49.20	0.450	0.617	0.777	0.897	0.964	0.983	0.970	0.941	0.900	0.843
4931	49.30	0.756	0.628	0.462	0.270	0.081	-0.078	-0.186	-0.239	-0.249	-0.242
4941	49.40	-0.246	-0.281	-0.351	-0.442	-0.528	-0.580	-0.579	-0.524	-0.430	-0.323
4951	49.50	-0.227	-0.153	-0.091	-0.018	0.096	0.267	0.495	0.751	0.992	1.170
4961	49.60	1.255	1.239	1.140	0.996	0.844	0.712	0.611	0.533	0.466	0.396
4971	49.70	0.320	0.246	0.184	0.144	0.127	0.123	0.119	0.102	0.066	0.013
4981	49.80	-0.044	-0.096	-0.134	-0.158	-0.175	-0.194	-0.223	-0.266	-0.317	-0.367
4991	49.90	-0.405	-0.424	-0.419	-0.394	-0.358	-0.320	-0.286	-0.261	-0.241	-0.221

Table 7-5-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 2004 101-GR-1-122 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -28.813 (GAL) T= 11.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.196	-0.162	-0.120	-0.077	-0.042	-0.025	-0.031	-0.057	-0.098	-0.145
5011	50.10	-0.191	-0.232	-0.266	-0.297	-0.326	-0.356	-0.384	-0.410	-0.434	-0.460
5021	50.20	-0.491	-0.529	-0.572	-0.616	-0.655	-0.684	-0.704	-0.725	-0.755	-0.804
5031	50.30	-0.871	-0.945	-1.010	-1.046	-1.045	-1.006	-0.944	-0.875	-0.813	-0.760
5041	50.40	-0.708	-0.642	-0.553	-0.442	-0.324	-0.224	-0.162	-0.166	-0.166	-0.195
5051	50.50	-0.204	-0.168	-0.085	0.033	0.158	0.265	0.339	0.380	0.405	0.432
5061	50.60	0.475	0.535	0.601	0.655	0.684	0.685	0.670	0.662	0.681	0.741
5071	50.70	0.841	0.965	1.089	1.185	1.235	1.229	1.170	1.072	0.952	0.828
5081	50.80	0.713	0.616	0.539	0.478	0.425	0.371	0.309	0.235	0.153	0.069
5091	50.90	-0.006	-0.063	-0.097	-0.110	-0.109	-0.105	-0.108	-0.125	-0.159	-0.206
5101	51.00	-0.261	-0.321	-0.382	-0.443	-0.503	-0.559	-0.603	-0.627	-0.620	-0.578
5111	51.10	-0.503	-0.403	-0.296	-0.197	-0.120	-0.071	-0.046	-0.036	-0.027	-0.012
5121	51.20	0.015	0.049	0.085	0.113	0.131	0.140	0.146	0.157	0.181	0.224
5131	51.30	0.285	0.357	0.430	0.492	0.531	0.539	0.513	0.455	0.374	0.282
5141	51.40	0.193	0.115	0.052	-0.001	-0.054	-0.118	-0.203	-0.308	-0.429	-0.555
5151	51.50	-0.677	-0.788	-0.888	-0.982	-1.072	-1.156	-1.224	-1.261	-1.251	-1.186
5161	51.60	-1.068	-0.915	-0.751	-0.601	-0.482	-0.399	-0.345	-0.306	-0.266	-0.216
5171	51.70	-0.154	-0.086	-0.021	0.035	0.083	0.128	0.178	0.244	0.331	0.441
5181	51.80	0.567	0.700	0.827	0.932	1.001	1.026	1.002	0.934	0.835	0.721
5191	51.90	0.610	0.514	0.437	0.377	0.323	0.269	0.213	0.161	0.121	0.100
5201	52.00	0.099	0.108	0.109	0.085	0.027	-0.062	-0.168	-0.268	-0.347	-0.398
5211	52.10	-0.428	-0.454	-0.493	-0.547	-0.605	-0.642	-0.627	-0.542	-0.385	-0.179
5221	52.20	0.039	0.228	0.361	0.435	0.467	0.494	0.551	0.659	0.819	1.007
5231	52.30	1.185	1.313	1.366	1.335	1.233	1.087	0.929	0.785	0.671	0.589
5241	52.40	0.530	0.483	0.435	0.380	0.318	0.252	0.186	0.124	0.065	0.004
5251	52.50	-0.061	-0.130	-0.202	-0.268	-0.322	-0.356	-0.371	-0.372	-0.370	-0.376
5261	52.60	-0.398	-0.438	-0.491	-0.550	-0.607	-0.658	-0.704	-0.746	-0.788	-0.830
5271	52.70	-0.868	-0.895	-0.905	-0.895	-0.867	-0.826	-0.778	-0.726	-0.667	-0.595
5281	52.80	-0.505	-0.394	-0.269	-0.140	-0.022	0.073	0.142	0.187	0.219	0.247
5291	52.90	0.275	0.301	0.315	0.308	0.271	0.207	0.123	0.033	-0.050	-0.119
5301	53.00	-0.172	-0.214	-0.249	-0.277	-0.294	-0.291	-0.258	-0.193	-0.100	0.012
5311	53.10	0.128	0.234	0.324	0.398	0.461	0.523	0.589	0.661	0.736	0.804
5321	53.20	0.858	0.888	0.887	0.853	0.786	0.689	0.569	0.437	0.306	0.187
5331	53.30	0.089	0.011	-0.055	-0.122	-0.203	-0.306	-0.428	-0.552	-0.655	-0.709
5341	53.40	-0.696	-0.611	-0.466	-0.286	-0.102	0.058	0.179	0.258	0.307	0.341
5351	53.50	0.373	0.407	0.435	0.439	0.403	0.315	0.180	0.015	-0.149	-0.284
5361	53.60	-0.369	-0.404	-0.406	-0.408	-0.438	-0.513	-0.626	-0.748	-0.836	-0.847
5371	53.70	-0.765	-0.598	-0.380	-0.162	0.010	0.110	0.141	0.128	0.109	0.119
5381	53.80	0.171	0.260	0.362	0.450	0.501	0.505	0.464	0.384	0.270	0.123
5391	53.90	-0.055	-0.261	-0.477	-0.677	-0.826	-0.896	-0.872	-0.760	-0.585	-0.380
5401	54.00	-0.180	-0.009	0.122	0.212	0.269	0.299	0.314	0.323	0.345	0.394
5411	54.10	0.484	0.615	0.769	0.913	1.008	1.023	0.948	0.802	0.625	0.465
5421	54.20	0.355	0.304	0.293	0.282	0.236	0.132	-0.024	-0.207	-0.381	-0.520
5431	54.30	-0.614	-0.674	-0.718	-0.764	-0.814	-0.857	-0.870	-0.835	-0.748	-0.621
5441	54.40	-0.479	-0.353	-0.261	-0.211	-0.191	-0.181	-0.160	-0.112	-0.033	0.070
5451	54.50	0.179	0.275	0.337	0.346	0.295	0.187	0.038	-0.121	-0.257	-0.337
5461	54.60	-0.349	-0.299	-0.213	-0.132	-0.090	-0.108	-0.184	-0.296	-0.412	-0.507
5471	54.70	-0.569	-0.603	-0.625	-0.654	-0.696	-0.747	-0.791	-0.812	-0.801	-0.762
5481	54.80	-0.705	-0.644	-0.587	-0.532	-0.469	-0.388	-0.285	-0.168	-0.050	0.053
5491	54.90	0.131	0.190	0.240	0.302	0.387	0.500	0.633	0.773	0.908	1.027

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

INDEX NO. 2004 101-GR-1-122 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -28.813 (GAL) T= 11.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.131	1.220	1.292	1.341	1.356	1.330	1.261	1.160	1.048	0.949
5511	55.10	0.879	0.840	0.819	0.793	0.741	0.654	0.542	0.425	0.332	0.283
5521	55.20	0.283	0.320	0.367	0.398	0.391	0.342	0.259	0.159	0.063	-0.019
5531	55.30	-0.081	-0.128	-0.168	-0.210	-0.259	-0.317	-0.385	-0.463	-0.551	-0.649
5541	55.40	-0.751	-0.850	-0.938	-1.004	-1.042	-1.051	-1.036	-1.004	-0.961	-0.908
5551	55.50	-0.840	-0.750	-0.627	-0.468	-0.274	-0.056	0.169	0.382	0.564	0.706
5561	55.60	0.804	0.860	0.884	0.884	0.869	0.841	0.800	0.742	0.661	0.554
5571	55.70	0.425	0.284	0.152	0.049	-0.003	0.006	0.072	0.176	0.289	0.381
5581	55.80	0.430	0.430	0.392	0.336	0.282	0.240	0.208	0.172	0.116	0.034
5591	55.90	-0.069	-0.173	-0.252	-0.291	-0.290	-0.267	-0.251	-0.272	-0.339	-0.442
5601	56.00	-0.552	-0.630	-0.648	-0.598	-0.495	-0.369	-0.252	-0.168	-0.117	-0.089
5611	56.10	-0.065	-0.031	0.016	0.065	0.102	0.115	0.102	0.074	0.045	0.029
5621	56.20	0.029	0.040	0.054	0.062	0.063	0.063	0.071	0.097	0.142	0.199
5631	56.30	0.258	0.311	0.354	0.391	0.427	0.464	0.497	0.517	0.512	0.476
5641	56.40	0.413	0.338	0.268	0.219	0.195	0.190	0.187	0.172	0.138	0.089
5651	56.50	0.036	-0.006	-0.029	-0.037	-0.043	-0.063	-0.110	-0.185	-0.275	-0.359
5661	56.60	-0.418	-0.437	-0.418	-0.370	-0.312	-0.261	-0.228	-0.214	-0.215	-0.225
5671	56.70	-0.238	-0.251	-0.266	-0.287	-0.318	-0.363	-0.422	-0.496	-0.579	-0.669
5681	56.80	-0.758	-0.839	-0.908	-0.960	-0.999	-1.031	-1.062	-1.098	-1.137	-1.167
5691	56.90	-1.172	-1.132	-1.035	-0.882	-0.687	-0.479	-0.287	-0.138	-0.042	0.003
5701	57.00	0.017	0.020	0.034	0.066	0.117	0.174	0.224	0.261	0.281	0.293
5711	57.10	0.308	0.334	0.377	0.432	0.488	0.533	0.554	0.544	0.505	0.446
5721	57.20	0.380	0.322	0.282	0.265	0.268	0.281	0.295	0.301	0.299	0.292
5731	57.30	0.287	0.289	0.296	0.296	0.276	0.223	0.136	0.030	-0.067	-0.123
5741	57.40	-0.118	-0.050	0.055	0.154	0.200	0.164	0.047	-0.118	-0.277	-0.375
5751	57.50	-0.378	-0.285	-0.126	0.045	0.178	0.241	0.231	0.170	0.097	0.042
5761	57.60	0.024	0.039	0.069	0.095	0.101	0.086	0.060	0.040	0.040	0.065
5771	57.70	0.111	0.167	0.219	0.259	0.281	0.287	0.281	0.269	0.254	0.242
5781	57.80	0.234	0.230	0.231	0.234	0.236	0.236	0.230	0.219	0.204	0.187
5791	57.90	0.169	0.153	0.138	0.123	0.110	0.097	0.086	0.074	0.062	0.046
5801	58.00	0.025	-0.001	-0.028	-0.055	-0.077	-0.095	-0.113	-0.137	-0.170	-0.213
5811	58.10	-0.260	-0.305	-0.342	-0.372	-0.404	-0.450	-0.522	-0.622	-0.734	-0.829
5821	58.20	-0.873	-0.839	-0.719	-0.531	-0.314	-0.115	0.029	0.104	0.125	0.126
5831	58.30	0.149	0.223	0.351	0.512	0.663	0.763	0.787	0.733	0.624	0.497
5841	58.40	0.385	0.305	0.256	0.220	0.173	0.101	0.002	-0.109	-0.211	-0.284
5851	58.50	-0.317	-0.315	-0.288	-0.251	-0.213	-0.173	-0.127	-0.067	0.008	0.093
5861	58.60	0.174	0.238	0.278	0.293	0.292	0.286	0.285	0.293	0.308	0.326
5871	58.70	0.344	0.366	0.398	0.447	0.516	0.602	0.692	0.775	0.840	0.885
5881	58.80	0.917	0.944	0.976	1.012	1.044	1.058	1.040	0.986	0.901	0.801
5891	58.90	0.702	0.618	0.554	0.503	0.454	0.397	0.331	0.265	0.211	0.183
5901	59.00	0.185	0.207	0.229	0.229	0.188	0.100	-0.023	-0.159	-0.281	-0.371
5911	59.10	-0.420	-0.438	-0.441	-0.449	-0.476	-0.522	-0.580	-0.632	-0.666	-0.674
5921	59.20	-0.658	-0.628	-0.596	-0.569	-0.548	-0.527	-0.498	-0.456	-0.405	-0.355
5931	59.30	-0.320	-0.312	-0.337	-0.389	-0.456	-0.524	-0.581	-0.626	-0.662	-0.701
5941	59.40	-0.751	-0.817	-0.894	-0.971	-1.036	-1.077	-1.092	-1.086	-1.072	-1.065
5951	59.50	-1.076	-1.111	-1.170	-1.241	-1.306	-1.348	-1.350	-1.302	-1.205	-1.072
5961	59.60	-0.919	-0.769	-0.639	-0.536	-0.460	-0.402	-0.351	-0.299	-0.242	-0.181
5971	59.70	-0.118	-0.055	0.011	0.085	0.169	0.260	0.350	0.427	0.484	0.525
5981	59.80	0.563	0.620	0.716	0.860	1.038	1.220	1.367	1.444	1.435	1.348
5991	59.90	1.208	1.046	0.888	0.741	0.596	0.442	0.270	0.093	-0.061	-0.154

Table 7-5-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 2004 101-GR-1-122 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -28.813 (GAL) T= 11.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.158	-0.065	0.104	0.303	0.481	0.599	0.640	0.620	0.571	0.532
6011	60.10	0.530	0.574	0.648	0.727	0.784	0.800	0.772	0.706	0.614	0.511
6021	60.20	0.405	0.301	0.201	0.106	0.017	-0.068	-0.152	-0.238	-0.332	-0.435
6031	60.30	-0.545	-0.655	-0.759	-0.855	-0.942	-1.025	-1.106	-1.182	-1.242	-1.266
6041	60.40	-1.236	-1.143	-0.990	-0.802	-0.611	-0.450	-0.342	-0.287	-0.268	-0.254
6051	60.50	-0.214	-0.126	0.014	0.194	0.390	0.574	0.725	0.830	0.883	0.885
6061	60.60	0.840	0.755	0.640	0.509	0.378	0.264	0.180	0.130	0.109	0.102
6071	60.70	0.091	0.063	0.011	-0.062	-0.145	-0.229	-0.305	-0.369	-0.424	-0.474
6081	60.80	-0.524	-0.572	-0.616	-0.647	-0.659	-0.644	-0.598	-0.516	-0.389	-0.222
6091	60.90	-0.019	0.208	0.436	0.635	0.773	0.830	0.797	0.686	0.525	0.349
6101	61.00	0.190	0.067	-0.019	-0.081	-0.140	-0.211	-0.300	-0.397	-0.486	-0.546
6111	61.10	-0.566	-0.544	-0.491	-0.419	-0.337	-0.248	-0.149	-0.037	0.089	0.217
6121	61.20	0.330	0.413	0.461	0.487	0.517	0.580	0.695	0.854	1.024	1.153
6131	61.30	1.195	1.122	0.944	0.707	0.473	0.299	0.214	0.211	0.247	0.268
6141	61.40	0.230	0.116	-0.064	-0.266	-0.448	-0.577	-0.640	-0.642	-0.595	-0.513
6151	61.50	-0.401	-0.259	-0.092	0.086	0.250	0.372	0.433	0.428	0.375	0.299
6161	61.60	0.227	0.168	0.118	0.061	-0.017	-0.112	-0.201	-0.249	-0.223	-0.111
6171	61.70	0.069	0.278	0.471	0.619	0.719	0.794	0.877	0.993	1.135	1.272
6181	61.80	1.352	1.335	1.206	0.993	0.748	0.535	0.398	0.347	0.360	0.392
6191	61.90	0.402	0.368	0.292	0.198	0.112	0.047	0.002	-0.043	-0.107	-0.197
6201	62.00	-0.307	-0.412	-0.489	-0.524	-0.519	-0.495	-0.479	-0.495	-0.552	-0.642
6211	62.10	-0.746	-0.841	-0.907	-0.935	-0.926	-0.887	-0.828	-0.757	-0.684	-0.614
6221	62.20	-0.554	-0.507	-0.473	-0.451	-0.434	-0.415	-0.390	-0.359	-0.326	-0.293
6231	62.30	-0.263	-0.234	-0.202	-0.163	-0.114	-0.058	-0.001	0.048	0.082	0.099
6241	62.40	0.101	0.093	0.085	0.088	0.109	0.157	0.234	0.335	0.448	0.554
6251	62.50	0.631	0.662	0.640	0.574	0.480	0.383	0.298	0.228	0.163	0.085
6261	62.60	-0.022	-0.160	-0.316	-0.462	-0.575	-0.639	-0.661	-0.663	-0.673	-0.711
6271	62.70	-0.783	-0.874	-0.959	-1.013	-1.024	-0.993	-0.932	-0.855	-0.770	-0.673
6281	62.80	-0.556	-0.416	-0.258	-0.097	0.047	0.158	0.235	0.291	0.348	0.423
6291	62.90	0.521	0.632	0.737	0.816	0.862	0.885	0.900	0.923	0.956	0.985
6301	63.00	0.982	0.925	0.802	0.628	0.434	0.255	0.121	0.038	-0.008	-0.044
6311	63.10	-0.094	-0.171	-0.271	-0.377	-0.475	-0.557	-0.632	-0.713	-0.814	-0.939
6321	63.20	-1.074	-1.197	-1.282	-1.313	-1.290	-1.224	-1.136	-1.042	-0.952	-0.865
6331	63.30	-0.777	-0.684	-0.589	-0.499	-0.426	-0.373	-0.341	-0.317	-0.289	-0.244
6341	63.40	-0.179	-0.096	-0.007	0.077	0.150	0.212	0.268	0.330	0.405	0.495
6351	63.50	0.596	0.695	0.777	0.831	0.844	0.816	0.751	0.662	0.564	0.472
6361	63.60	0.398	0.345	0.306	0.271	0.228	0.166	0.085	-0.008	-0.103	-0.186
6371	63.70	-0.247	-0.282	-0.294	-0.293	-0.289	-0.289	-0.300	-0.321	-0.352	-0.387
6381	63.80	-0.425	-0.464	-0.505	-0.550	-0.602	-0.664	-0.733	-0.801	-0.855	-0.878
6391	63.90	-0.859	-0.790	-0.679	-0.542	-0.401	-0.277	-0.179	-0.106	-0.040	0.036
6401	64.00	0.138	0.269	0.419	0.573	0.716	0.843	0.959	1.073	1.191	1.306
6411	64.10	1.399	1.442	1.413	1.313	1.162	1.003	0.879	0.823	0.838	0.897
6421	64.20	0.959	0.980	0.935	0.830	0.689	0.550	0.444	0.383	0.358	0.350
6431	64.30	0.336	0.305	0.255	0.197	0.139	0.087	0.040	-0.005	-0.052	-0.097
6441	64.40	-0.134	-0.159	-0.173	-0.182	-0.194	-0.215	-0.240	-0.257	-0.259	-0.247
6451	64.50	-0.239	-0.263	-0.340	-0.470	-0.620	-0.730	-0.734	-0.591	-0.306	0.065
6461	64.60	0.434	0.714	0.859	0.860	0.840	0.821	0.887	1.050	1.268	1.464
6471	64.70	1.566	1.539	1.402	1.215	1.046	0.938	0.890	0.866	0.817	0.718
6481	64.80	0.579	0.442	0.352	0.332	0.361	0.388	0.355	0.238	0.064	-0.098
6491	64.90	-0.170	-0.109	0.063	0.260	0.366	0.287	0.001	-0.428	-0.871	-1.192

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

INDEX NO. 2005 101-GR-1-122 HB. (HB.) SHINKATSUSHIKA B MAX. ACC. = -223.567 (GAL) T= 11.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.540	-1.885	-1.021	-0.283	0.239	0.699	1.304	2.078	2.756	2.884
11	0.10	2.108	0.457	-1.572	-3.201	-3.762	-3.075	-1.576	-0.099	0.578	0.185
21	0.20	-0.873	-1.740	-1.619	-0.281	1.744	3.425	3.817	2.651	0.568	-1.167
31	0.30	-1.353	0.430	3.480	6.253	7.136	5.328	1.343	-3.166	-6.209	-6.476
41	0.40	-4.051	-0.408	2.321	2.447	-0.370	-4.883	-8.835	-10.050	-7.505	-1.850
51	0.50	4.881	10.203	12.283	10.692	6.465	1.495	-2.387	-4.182	-4.006	-2.799
61	0.60	-1.691	-1.384	-1.858	-2.507	-2.580	-1.659	0.088	1.986	3.199	3.154
71	0.70	1.824	-0.253	-2.207	-3.203	-2.781	-1.034	1.433	3.741	5.068	4.958
81	0.80	3.506	1.330	-0.653	-1.587	-1.046	0.759	3.021	4.643	4.695	2.825
91	0.90	-0.561	-4.437	-7.567	-8.985	-8.343	-5.967	-2.634	0.791	3.662	5.659
101	1.00	6.705	6.802	5.940	4.169	1.759	-0.714	-2.474	-2.897	-1.915	-0.218
111	1.10	0.942	0.348	-2.457	-6.709	-10.562	-11.864	-9.237	-2.926	5.084	11.824
121	1.20	14.675	12.627	6.817	0.009	-4.736	-5.561	-2.701	1.712	4.841	4.689
131	1.30	1.194	-3.739	-7.277	-7.225	-3.256	2.850	8.117	9.927	7.403	1.860
141	1.40	-3.899	-7.062	-6.255	-2.203	2.745	5.907	5.683	2.316	-2.363	-6.010
151	1.50	-7.027	-5.308	-2.101	0.853	2.365	2.387	1.836	1.820	2.790	4.172
161	1.60	4.727	3.422	0.244	-3.588	-6.202	-6.160	-3.397	0.576	3.416	3.269
171	1.70	-0.049	-4.736	-7.807	-6.667	-0.635	8.440	16.858	20.783	18.130	9.666
181	1.80	-1.277	-10.352	-14.248	-12.200	-6.223	0.036	3.201	1.846	-2.891	-8.035
191	1.90	-10.406	-8.295	-2.319	4.953	10.341	11.651	8.694	3.253	-1.927	-4.564
201	2.00	-3.916	-1.015	2.013	3.126	1.421	-2.455	-6.694	-9.257	-8.863	-5.552
211	2.10	-0.596	4.119	6.929	7.034	4.710	1.071	-2.451	-4.655	-4.943	-3.437
221	2.20	-0.848	1.797	3.485	3.523	1.763	-1.319	-4.720	-7.206	-7.725	-5.812
231	2.30	-1.821	3.150	7.619	10.253	10.340	8.005	4.075	-0.305	-4.136	-6.865
241	2.40	-8.409	-8.947	-8.664	-7.484	-5.338	-2.194	1.604	5.302	7.949	8.802
251	2.50	7.698	5.194	2.345	0.223	-0.591	-0.266	0.415	0.522	-0.467	-2.333
261	2.60	-4.198	-5.008	-4.136	-1.805	0.944	2.740	2.594	0.456	-2.680	-5.215
271	2.70	-5.726	-3.706	0.129	4.125	6.455	5.993	2.870	-1.557	-5.317	-6.720
281	2.80	-5.116	-1.166	3.488	6.965	7.954	6.214	2.581	-1.485	-4.550	-5.749
291	2.90	-5.011	-2.932	-0.407	1.733	2.957	3.065	2.107	0.284	-2.080	-4.523
301	3.00	-6.452	-7.259	-6.545	-4.358	-1.287	1.677	3.527	3.699	2.379	0.475
311	3.10	-0.790	-0.485	1.504	4.331	6.531	6.715	4.312	-0.044	-4.695	-7.664
321	3.20	-7.584	-4.383	0.599	5.179	7.320	6.091	2.123	-2.663	-5.965	-6.197
331	3.30	-3.266	1.359	5.346	6.611	4.348	-0.552	-5.887	-9.164	-8.769	-4.733
341	3.40	1.280	6.742	9.430	8.430	4.512	-0.304	-3.746	-4.379	-2.239	1.256
351	3.50	4.080	4.630	2.523	-1.250	-4.855	-6.570	-5.648	-2.687	0.707	2.752
361	3.60	2.416	-0.056	-3.258	-5.339	-4.934	-1.861	2.778	7.131	9.489	9.085
371	3.70	6.419	2.937	0.266	-0.611	0.188	1.569	2.106	0.842	-2.152	-5.760
381	3.80	-8.341	-8.529	-5.912	-1.244	3.893	7.796	9.369	8.535	6.125	3.383
391	3.90	1.336	0.372	0.197	0.172	-0.218	-1.025	-1.618	-1.989	-1.181	0.418
401	4.00	2.095	2.957	2.419	0.553	-1.888	-3.823	-4.380	-3.360	-1.356	0.534
411	4.10	1.264	0.393	-1.665	-3.826	-4.871	-4.069	-1.566	1.657	4.246	5.126
421	4.20	4.021	1.574	-0.978	-2.420	-2.154	-0.470	1.637	2.993	2.856	1.287
431	4.30	-0.897	-2.572	-2.901	-1.781	0.106	1.654	1.927	0.669	-1.537	-3.549
441	4.40	-4.249	-3.124	-0.553	2.370	4.374	4.650	3.259	1.089	-0.608	-0.883
451	4.50	0.400	2.460	3.979	3.773	1.419	-2.472	-6.496	-9.070	-9.168	-6.771
461	4.60	-2.861	1.039	3.560	4.051	2.788	0.723	-1.047	-1.810	-1.518	-0.684
471	4.70	-0.001	0.092	-0.343	-0.821	-0.765	0.108	1.565	2.945	3.500	2.818
481	4.80	1.072	-1.026	-2.571	-2.924	-2.034	-0.461	0.930	1.448	0.951	-0.060
491	4.90	-0.720	-0.301	1.320	3.496	5.042	4.800	2.262	-2.064	-6.750	-9.999

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

INDEX NO. 2005 101-GR-1-122 HB. (HB.) SHINKATSUSHIKA B MAX. ACC. = -223.567 (GAL) T= 11.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-10.414	-7.658	-2.653	2.757	6.584	7.552	5.658	2.163	-0.986	-2.060
511	5.10	-0.376	3.342	7.237	9.134	7.534	2.351	-4.939	-11.838	-15.824	-15.394
521	5.20	-10.698	-3.498	3.551	7.971	8.456	5.354	0.448	-3.854	-5.568	-3.977
531	5.30	0.109	4.744	7.735	7.622	4.334	-0.767	-5.458	-7.611	-6.117	-1.394
541	5.40	4.741	9.788	11.572	9.146	3.209	-4.129	-10.153	-12.597	-10.531	-4.733
551	5.50	2.622	8.809	11.625	10.232	5.457	-0.588	-5.391	-7.074	-5.145	-0.658
561	5.60	4.263	7.345	7.119	3.521	-2.100	-7.563	-10.742	-10.405	-6.646	-0.775
571	5.70	5.241	9.538	10.978	9.436	5.682	0.990	-3.338	-6.329	-7.512	-6.908
581	5.80	-4.929	-2.246	0.344	2.072	2.399	1.230	-0.960	-3.192	-4.300	-3.423
591	5.90	-0.480	3.631	7.259	8.644	6.732	1.792	-4.497	-9.610	-11.212	-8.218
601	6.00	-1.401	6.787	13.158	15.126	11.838	4.599	-3.640	-9.521	-10.708	-6.874
611	6.10	0.195	7.415	11.762	11.557	7.113	0.479	-5.563	-8.762	-8.328	-5.144
621	6.20	-1.197	1.457	1.669	-0.326	-3.133	-4.969	-4.569	-1.807	2.276	5.993
631	6.30	7.818	7.068	4.163	0.353	-2.895	-4.555	-4.421	-3.069	-1.454	-0.395
641	6.40	-0.196	-0.584	-0.956	-0.764	0.161	1.527	2.746	3.253	2.781	1.475
651	6.50	-0.217	-1.774	-2.835	-3.303	-3.292	-2.982	-2.477	-1.780	-0.872	0.166
661	6.60	1.086	1.543	1.281	0.339	-0.861	-1.632	-1.319	0.344	2.998	5.689
671	6.70	7.196	6.522	3.357	-1.707	-7.319	-11.827	-13.869	-12.870	-9.242	-4.221
681	6.80	0.592	3.794	4.657	3.338	0.783	-1.641	-2.634	-1.429	1.922	6.538
691	6.90	10.962	13.635	13.427	10.065	4.280	-2.381	-8.061	-11.237	-11.254	-8.549
701	7.00	-4.438	-0.549	1.859	2.401	1.653	0.783	0.895	2.397	4.714	6.515
711	7.10	6.350	3.423	-1.894	-8.066	-12.955	-14.697	-12.502	-7.010	-0.046	6.137
721	7.20	9.755	10.155	7.943	4.579	1.631	0.088	0.016	0.702	1.153	0.681
731	7.30	-0.736	-2.479	-3.662	-3.638	-2.371	-0.474	1.093	1.513	0.521	-1.444
741	7.40	-3.445	-4.487	-3.978	-1.999	0.748	3.263	4.692	4.667	3.402	1.520
751	7.50	-0.283	-1.553	-2.226	-2.540	-2.789	-3.066	-3.160	-2.667	-1.270	0.964
761	7.60	3.463	5.293	5.553	3.844	0.576	-3.070	-5.563	-5.664	-3.030	1.540
771	7.70	6.345	9.455	9.543	6.491	1.491	-3.443	-6.348	-6.192	-3.341	0.614
781	7.80	3.595	4.032	1.634	-2.437	-6.073	-7.216	-4.867	0.363	6.420	10.668
791	7.90	11.043	7.016	-0.098	-7.615	-12.561	-12.892	-8.338	-0.523	7.694	13.356
801	8.00	14.573	11.224	4.938	-1.614	-5.814	-6.130	-2.685	2.854	7.995	10.445
811	8.10	9.041	4.202	-2.256	-7.869	-10.526	-9.335	-4.973	0.603	4.983	6.327
821	8.20	4.144	-0.498	-5.439	-8.369	-7.848	-3.942	1.800	7.030	9.627	8.617
831	8.30	4.563	-0.742	-5.112	-6.948	-5.890	-2.862	0.477	2.586	2.745	1.293
841	8.40	-0.695	-2.078	-2.279	-1.544	-0.696	-0.561	-1.392	-2.664	-3.350	-2.549
851	8.50	-0.106	3.161	5.774	6.350	4.380	0.621	-3.163	-5.026	-3.831	0.097
861	8.60	5.022	8.568	8.866	5.496	-0.239	-5.883	-8.983	-8.261	-4.243	0.988
871	8.70	4.801	5.301	2.252	-2.798	-7.274	-8.829	-6.490	-1.143	4.884	8.924
881	8.80	9.230	5.782	0.269	-4.741	-7.013	-5.682	-1.609	3.079	6.026	5.751
891	8.90	2.312	-2.779	-7.300	-9.358	-8.226	-4.594	-0.170	3.171	4.245	3.039
901	9.00	0.605	-1.534	-2.170	-0.993	1.285	3.310	3.766	2.021	-1.549	-5.709
911	9.10	-8.889	-9.852	-8.190	-4.656	0.104	4.080	6.439	8.859	5.730	3.873
921	9.20	2.131	1.017	0.585	0.524	0.413	-0.017	-0.754	-1.544	-2.070	-2.162
931	9.30	-1.902	-1.583	-1.536	-1.922	-2.613	-3.224	-3.307	-2.596	-1.181	0.489
941	9.40	1.790	2.227	1.694	0.567	-0.436	-0.589	0.488	2.606	5.047	6.859
951	9.50	7.279	6.095	3.748	1.146	-0.756	-1.403	-0.894	0.079	0.590	-0.042
961	9.60	-1.877	-4.284	-6.214	-6.688	-5.278	-2.330	1.162	3.990	5.251	4.711
971	9.70	2.835	0.506	-1.427	-2.523	-2.852	-2.805	-2.733	-2.652	-2.198	-0.888
981	9.80	1.456	4.368	6.725	7.141	4.623	-0.809	-7.872	-14.326	-17.765	-16.583
991	9.90	-10.703	-1.713	7.658	14.552	17.047	14.842	9.301	2.834	-2.081	-3.837

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

INDEX NO. 2005 101-GR-1-122 HB. (HB.) SHINKATSUSHIKA B MAX. ACC. = -223.567 (GAL) T= 11.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.233	1.590	5.703	8.197	7.888	4.682	-0.498	-6.113	-10.582	-12.777
1011	10.10	-12.331	-9.666	-5.803	-2.011	0.594	1.388	0.434	-1.537	-3.367	-3.893
1021	10.20	-2.393	1.079	5.647	9.870	12.266	11.874	8.652	3.521	-1.966	-6.194
1031	10.30	-8.075	-7.407	-4.867	-1.681	0.888	2.003	1.497	-0.167	-2.144	-3.538
1041	10.40	-3.686	-2.319	0.408	3.956	7.497	10.056	10.709	8.850	4.462	-1.711
1051	10.50	-8.228	-13.288	-15.303	-13.501	-8.306	-1.311	5.219	9.148	9.271	5.785
1061	10.60	0.212	-5.199	-8.366	-8.178	-4.896	0.028	4.604	7.155	6.979	4.558
1071	10.70	1.245	-1.413	-2.385	-1.582	0.192	1.718	2.034	0.969	-0.738	-1.766
1081	10.80	-0.992	2.033	6.562	10.951	13.317	12.406	8.221	2.120	-3.707	-7.174
1091	10.90	-7.200	-4.170	0.294	4.141	5.902	5.390	3.747	2.792	3.988	7.567
1101	11.00	12.257	15.804	16.037	11.990	4.491	-4.058	-10.660	-12.991	-10.402	-4.207
1111	11.10	2.832	7.546	7.467	1.567	-9.566	-24.038	-39.192	-52.156	-60.277	-61.529
1121	11.20	-54.891	-40.732	-20.972	1.207	22.217	39.271	51.477	60.200	68.366	78.825
1131	11.30	92.468	107.016	117.236	116.697	100.427	67.322	21.173	-30.213	-77.463	-112.574
1141	11.40	-131.089	-132.668	-120.079	-97.382	-68.390	-36.140	-3.354	26.811	59.649	64.903
1151	11.50	68.520	64.051	57.537	56.314	65.410	84.179	105.085	115.741	103.801	62.719
1161	11.60	-4.268	-84.027	-157.701	-207.554	-223.567	-206.860	-168.470	-124.137	-87.584	-65.376
1171	11.70	-55.536	-50.187	-40.556	-21.645	5.680	35.945	62.592	81.603	93.184	100.691
1181	11.80	107.625	114.617	118.278	112.726	93.016	58.594	14.800	-28.524	-60.767	-74.799
1191	11.90	-69.679	-50.562	-26.003	-4.130	10.384	17.183	18.818	18.172	16.314	12.031
1201	12.00	3.162	-11.199	-29.087	-45.738	-55.476	-54.474	-42.910	-25.297	-8.707	0.328
1211	12.10	-1.233	-11.519	-24.517	-32.635	-29.903	-14.445	10.735	38.823	61.566	71.978
1221	12.20	66.488	45.925	15.227	-17.952	-45.328	-60.264	-59.684	-45.066	-22.078	1.203
1231	12.30	17.085	21.124	13.917	0.969	-9.514	-10.116	2.484	25.884	52.854	74.419
1241	12.40	83.775	79.193	66.530	47.074	33.765	27.655	26.372	23.384	11.493	-13.137
1251	12.50	-48.375	-86.237	-115.714	-127.046	-115.524	-83.220	-38.029	9.359	49.103	74.953
1261	12.60	85.188	81.806	68.763	50.306	30.086	11.078	-4.136	-13.363	-15.322	-10.467
1271	12.70	-1.495	7.048	10.224	4.748	-9.283	-27.889	-44.344	-51.668	-45.362	-25.627
1281	12.80	2.523	30.731	50.186	54.690	42.777	18.159	-11.596	-37.586	-52.397	-52.289
1291	12.90	-38.117	-14.797	10.406	30.212	39.551	37.046	25.299	9.892	-2.619	-7.090
1301	13.00	-1.760	10.948	25.163	33.703	30.898	15.048	-10.488	-38.125	-58.639	-64.603
1311	13.10	-53.359	-28.309	2.083	27.312	38.751	32.941	12.925	-12.972	-34.472	-43.464
1321	13.20	-37.246	-19.523	1.274	15.687	17.387	6.020	-12.538	-28.691	-33.373	-22.221
1331	13.30	2.185	31.078	53.047	58.910	45.812	18.740	-11.317	-31.634	-33.983	-16.380
1341	13.40	14.294	46.069	66.682	68.633	52.134	24.750	-2.037	-17.769	-17.275	-2.501
1351	13.50	18.763	36.501	42.724	34.519	14.686	-10.049	-32.212	-46.624	-52.013	-50.707
1361	13.60	-46.849	-44.173	-44.426	-47.034	-49.929	-50.901	-48.708	-43.442	-36.139	-28.024
1371	13.70	-19.882	-11.880	-3.824	4.447	12.853	21.170	29.307	37.458	45.896	54.454
1381	13.80	62.023	66.481	65.321	56.820	41.236	21.334	1.818	-12.274	-17.554	-13.742
1391	13.90	-3.827	7.233	14.721	16.247	12.675	7.411	4.378	5.685	10.207	13.870
1401	14.00	11.581	-0.084	-20.763	-45.870	-68.156	-80.642	-79.576	-66.068	-45.593	-25.612
1411	14.10	-12.362	-8.295	-11.300	-15.999	-16.462	-9.056	5.866	24.159	39.784	47.497
1421	14.20	45.104	34.311	19.896	7.659	2.084	4.723	13.855	25.459	34.951	38.939
1431	14.30	36.316	28.383	18.088	8.771	2.938	1.458	3.405	6.531	8.155	6.177
1441	14.40	-0.107	-9.653	-19.922	-27.690	-30.178	-26.138	-16.464	-4.064	7.037	13.075
1451	14.50	11.901	3.782	-8.690	-21.553	-30.933	-34.409	-31.759	-24.829	-16.624	-10.062
1461	14.60	-6.916	-7.330	-10.045	-13.100	-14.664	-13.626	-9.777	-3.636	3.880	11.724
1471	14.70	18.830	24.120	26.549	25.302	20.133	11.679	1.553	-7.948	-14.480	-16.408
1481	14.80	-13.383	-6.452	2.345	10.738	17.021	20.536	21.654	21.314	20.364	19.057
1491	14.90	16.930	13.130	7.011	-1.318	-10.766	-19.496	-25.549	-27.604	-25.548	-20.617

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

INDEX NO. 2005 101-GR-1-122 HB. (HB.) SHINKATSUSHIKA B MAX. ACC. = -223.567 (GAL) T= 11.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-15.036	-11.254	-11.070	-14.930	-21.672	-28.800	-33.235	-32.308	-24.684	-10.924
1511	15.10	6.528	23.957	37.431	43.976	42.486	34.069	21.667	9.085	-0.257	-4.422
1521	15.20	-3.514	0.497	4.598	5.899	2.720	-4.795	-14.723	-24.026	-29.577	-29.193
1531	15.30	-22.345	-10.363	4.028	17.284	26.216	28.791	24.745	15.703	4.757	-4.408
1541	15.40	-8.660	-6.474	1.437	12.220	21.748	26.050	22.829	12.482	-1.813	-15.100
1551	15.50	-22.413	-20.689	-10.062	6.025	21.984	32.118	32.753	23.592	7.777	-9.387
1561	15.60	-22.492	-28.049	-25.633	-17.759	-8.579	-2.040	-0.294	-3.016	-7.863	-11.777
1571	15.70	-12.499	-9.592	-4.550	0.022	1.729	-0.408	-5.427	-10.780	-13.420	-11.128
1581	15.80	-3.492	7.842	19.757	28.819	32.525	30.161	22.962	13.567	5.010	-0.334
1591	15.90	-1.467	1.080	5.646	10.195	13.104	13.668	12.192	9.647	7.098	5.157
1601	16.00	3.692	1.917	-1.184	-6.284	-13.245	-20.973	-27.666	-31.388	-30.749	-25.423
1611	16.10	-16.307	-5.259	5.478	13.945	18.959	20.295	18.507	14.524	9.233	3.225
1621	16.20	-3.200	-9.820	-16.217	-21.637	-25.066	-25.546	-22.587	-16.487	-8.399	-0.070
1631	16.30	6.668	10.487	10.996	8.867	5.568	2.825	1.977	3.478	6.741	10.355
1641	16.40	12.633	12.260	8.806	2.901	-3.993	-10.136	-14.177	-15.652	-15.134	-13.943
1651	16.50	-13.542	-14.850	-17.762	-21.083	-22.923	-21.410	-15.453	-5.263	7.590	20.599
1661	16.60	31.091	37.064	37.811	34.104	27.898	21.659	17.535	16.656	18.770	22.344
1671	16.70	25.093	24.781	20.035	10.911	-0.993	-12.963	-22.000	-25.818	-23.652	-16.575
1681	16.80	-7.181	1.288	6.062	5.799	1.018	-6.171	-12.916	-16.717	-16.324	-12.097
1691	16.90	-5.715	0.609	5.028	6.725	6.051	4.184	2.477	1.854	2.491	3.898
1701	17.00	5.281	5.978	5.733	4.700	3.230	1.596	-0.172	-2.249	-4.813	-7.813
1711	17.10	-10.855	-13.287	-14.453	-13.974	-11.924	-8.789	-5.250	-1.878	1.077	3.719
1721	17.20	6.326	9.065	11.741	13.722	14.102	12.050	7.213	-0.001	-8.393	-16.237
1731	17.30	-21.791	-23.854	-22.205	-17.716	-12.086	-7.245	-4.634	-4.633	-6.358	-7.977
1741	17.40	-7.439	-3.363	4.261	13.878	22.805	28.180	28.056	22.213	12.343	1.495
1751	17.50	-7.003	-10.745	-9.094	-3.343	3.838	9.441	11.215	8.413	1.927	-6.170
1761	17.60	-13.448	-17.973	-18.885	-16.546	-12.280	-7.842	-4.848	-4.317	-6.440	-10.597
1771	17.70	-15.569	-19.898	-22.277	-21.901	-18.669	-13.194	-6.597	-0.167	5.026	8.404
1781	17.80	9.972	10.198	9.758	9.268	9.105	9.365	9.935	10.595	11.100	11.213
1791	17.90	10.733	9.557	7.808	5.953	4.822	5.430	8.592	14.470	22.245	30.142
1801	18.00	35.876	37.412	33.748	25.376	14.188	2.803	-6.400	-12.174	-14.801	-15.846
1811	18.10	-17.357	-20.884	-26.727	-33.758	-39.851	-42.738	-40.910	-34.198	-23.843	-12.064
1821	18.20	-1.338	6.324	9.871	9.375	5.875	1.005	-3.668	-6.099	-6.120	-3.641
1831	18.30	0.386	4.461	7.049	7.169	4.848	1.228	-1.778	-2.194	1.194	8.249
1841	18.40	17.413	26.217	32.193	33.808	31.025	25.242	18.646	13.280	10.242	9.358
1851	18.50	9.453	9.051	7.143	3.662	-0.551	-4.230	-6.361	-6.703	-5.898	-5.136
1861	18.60	-5.557	-7.688	-11.185	-14.984	-17.793	-18.657	-17.358	-14.471	-11.087	-8.339
1871	18.70	-6.958	-7.033	-8.047	-9.144	-9.480	-8.522	-6.188	-2.809	1.037	4.746
1881	18.80	7.880	10.281	12.084	13.626	15.285	17.279	19.496	21.415	22.181	20.839
1891	18.90	16.667	9.526	0.056	-10.351	-19.846	-26.597	-29.288	-27.475	-21.664	-13.120
1901	19.00	-3.483	5.653	13.040	17.906	19.914	19.063	15.614	10.088	3.302	-3.649
1911	19.10	-9.539	-13.301	-14.368	-12.907	-9.818	-6.438	-4.047	-3.369	-4.294	-5.957
1921	19.20	-7.149	-6.880	-4.836	-1.515	2.020	4.649	5.704	5.244	3.945	2.686
1931	19.30	2.047	1.989	1.891	0.938	-1.357	-4.759	-8.286	-10.585	-10.543	-7.834
1941	19.40	-3.123	2.188	6.561	8.977	9.339	8.417	7.375	7.117	7.793	8.701
1951	19.50	8.665	6.668	2.453	-3.242	-8.923	-12.960	-14.300	-12.927	-9.850	-6.637
1961	19.60	-4.688	-4.607	-5.936	-7.374	-7.370	-4.822	0.430	7.507	14.832	20.730
1971	19.70	24.039	24.480	22.667	19.772	17.012	15.162	14.291	13.796	12.702	10.115
1981	19.80	5.640	-0.384	-6.920	-12.542	-15.916	-16.290	-13.820	-9.595	-5.327	-2.787
1991	19.90	-3.176	-6.651	-12.202	-17.949	-21.786	-22.130	-18.523	-11.836	-3.984	2.736

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

INDEX NO. 2005 101-GR-1-122 HB. (HB.) SHINKATSUSHIKA B MAX. ACC. = -223.567 (GAL) T= 11.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	6.457	6.382	3.021	-2.073	-6.938	-9.967	-10.478	-8.892	-6.440	-4.549
2011	20.10	-4.171	-5.328	-7.068	-7.857	-6.230	-1.451	6.112	15.037	23.316	29.069
2021	20.20	31.205	29.789	25.952	21.404	17.741	15.820	15.469	15.632	14.072	12.036
2031	20.30	6.782	-0.244	-7.644	-13.819	-17.594	-18.654	-17.622	-15.747	-14.357	-14.306
2041	20.40	-15.642	-17.628	-19.087	-18.914	-16.542	-12.173	-6.706	-1.400	2.575	4.532
2051	20.50	4.461	2.980	1.079	-0.230	-0.238	1.263	3.957	7.141	9.968	11.703
2061	20.60	11.925	10.604	8.063	4.836	1.485	-1.546	-3.988	-5.721	-6.690	-6.823
2071	20.70	-6.030	-4.268	-1.673	1.352	4.157	6.003	6.325	4.978	2.342	-0.787
2081	20.80	-3.501	-5.156	-5.646	-5.422	-5.238	-5.730	-7.018	-8.560	-9.342	-8.345
2091	20.90	-5.090	0.008	5.658	10.144	11.968	10.484	6.191	0.568	-4.489	-7.386
2101	21.00	-7.417	-4.973	-1.300	2.044	3.815	3.516	1.493	-1.308	-3.786	-5.125
2111	21.10	-5.060	-3.895	-2.300	-1.000	-0.491	-0.864	-1.804	-2.714	-2.939	-2.006
2121	21.20	0.182	3.255	6.432	8.713	9.197	7.403	3.506	-1.625	-6.635	-10.077
2131	21.30	-10.880	-8.705	-4.062	1.871	7.655	12.058	14.425	14.787	13.727	12.057
2141	21.40	10.471	9.313	8.534	7.819	6.803	5.266	3.239	0.991	-1.066	-2.502
2151	21.50	-2.970	-2.291	-0.493	2.154	5.147	7.803	9.384	9.287	7.240	3.441
2161	21.60	-1.448	-6.460	-10.616	-13.234	-14.132	-13.650	-12.475	-11.329	-10.680	-10.566
2171	21.70	-10.637	-10.365	-9.337	-7.488	-5.176	-3.046	-1.764	-1.720	-2.836	-4.569
2181	21.80	-6.102	-6.665	-5.836	-3.718	-0.902	1.755	3.475	3.869	3.103	1.848
2191	21.90	1.022	1.435	3.454	6.837	10.797	14.276	16.319	16.420	14.688	11.791
2201	22.00	8.684	6.251	4.983	4.834	5.278	5.560	5.009	3.309	0.613	-2.532
2211	22.10	-5.393	-7.331	-8.020	-7.545	-6.352	-5.075	-4.308	-4.412	-5.401	-6.953
2221	22.20	-8.533	-9.568	-9.640	-8.619	-6.700	-4.338	-2.103	-0.502	0.173	-0.083
2231	22.30	-1.006	-2.171	-3.136	-3.577	-3.363	-2.562	-1.377	-0.057	1.184	2.219
2241	22.40	3.005	3.563	3.937	4.173	4.306	4.372	4.418	4.499	4.679	5.004
2251	22.50	5.491	6.110	6.777	7.371	7.752	7.799	7.446	6.715	5.721	4.644
2261	22.60	3.679	2.956	2.488	2.157	1.751	1.060	-0.020	-1.423	-2.916	-4.179
2271	22.70	-4.942	-5.105	-4.797	-4.332	-4.088	-4.337	-5.129	-6.256	-7.331	-7.937
2281	22.80	-7.783	-6.810	-5.198	-3.275	-1.385	0.237	1.530	2.589	3.591	4.691
2291	22.90	5.933	7.217	8.317	8.945	8.837	7.836	5.952	3.374	0.445	-2.408
2301	23.00	-4.778	-6.373	-7.091	-7.029	-6.438	-5.627	-4.850	-4.230	-3.736	-3.233
2311	23.10	-2.568	-1.661	-0.555	0.598	1.605	2.320	2.716	2.899	3.060	3.383
2321	23.20	3.969	4.667	5.278	5.423	4.768	3.145	0.654	-2.304	-5.101	-7.052
2331	23.30	-7.632	-6.677	-4.480	-1.728	0.713	2.105	2.131	1.026	-0.500	-1.559
2341	23.40	-1.472	-0.087	2.122	4.245	5.345	4.908	3.127	0.862	-0.723	-0.710
2351	23.50	1.091	3.964	6.507	7.201	5.075	0.177	-6.357	-12.707	-17.049	-18.260
2361	23.60	-16.316	-12.240	-7.618	-3.921	-1.916	-1.439	-1.584	-1.225	0.404	3.319
2371	23.70	6.776	9.608	10.763	9.778	6.997	3.421	0.299	-1.379	-1.253	0.311
2381	23.80	2.427	4.076	4.522	3.572	1.602	-0.636	-2.329	-2.897	-2.174	-0.414
2391	23.90	1.842	3.963	5.417	5.886	5.298	3.791	1.637	-0.835	-3.311	-5.548
2401	24.00	-7.410	-8.880	-10.049	-11.056	-12.005	-12.885	-13.519	-13.584	-12.707	-10.607
2411	24.10	-7.238	-2.863	1.976	6.590	10.337	12.806	13.914	13.893	13.166	12.171
2421	24.20	11.205	10.343	9.458	8.322	6.728	4.601	2.038	-0.714	-3.322	-5.450
2431	24.30	-6.831	-7.313	-6.885	-5.670	-3.904	-1.885	0.095	1.822	3.214	4.317
2441	24.40	5.249	6.096	6.821	7.229	7.027	5.975	4.047	1.535	-0.989	-2.856
2451	24.50	-3.578	-3.077	-1.771	-0.432	0.133	-0.545	-2.354	-4.598	-6.275	-6.526
2461	24.60	-5.040	-2.254	0.797	2.895	3.178	1.532	-1.328	-4.151	-5.690	-5.262
2471	24.70	-3.065	-0.123	2.146	2.530	0.559	-3.282	-7.728	-11.232	-12.570	-11.293
2481	24.80	-7.857	-3.385	0.816	3.759	5.106	5.185	4.733	4.484	4.818	5.599
2491	24.90	6.283	6.222	5.009	2.716	-0.093	-2.570	-3.932	-3.781	-2.270	-0.035

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

INDEX NO. 2005 101-GR-1-122 HB. (HB.) SHINKATSUSHIKA B MAX. ACC. = -223.567 (GAL) T= 11.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.064	3.306	3.392	2.555	1.439	0.803	1.172	2.595	4.598	6.366
2511	25.10	7.074	6.230	3.885	0.623	-2.662	-5.110	-6.224	-6.029	-5.028	-3.954
2521	25.20	-3.448	-3.794	-4.827	-6.032	-6.793	-6.664	-5.550	-3.715	-1.631	0.249
2531	25.30	1.693	2.763	3.742	4.947	6.531	8.374	10.095	11.208	11.316	10.283
2541	25.40	8.281	5.726	3.114	0.852	-0.851	-1.989	-2.676	-3.029	-3.080	-2.761
2551	25.50	-1.973	-0.685	0.979	2.727	4.164	4.923	4.795	3.802	2.190	0.332
2561	25.60	-1.403	-2.776	-3.736	-4.391	-4.919	-5.457	-6.021	-6.488	-6.659	-6.356
2571	25.70	-5.522	-4.268	-2.840	-1.528	-0.540	0.092	0.531	1.068	1.986	3.412
2581	25.80	5.224	7.054	8.407	8.832	8.108	6.334	3.906	1.376	-0.755	-2.212
2591	25.90	-3.029	-3.489	-3.964	-4.723	-5.792	-6.941	-7.801	-8.051	-7.591	-6.610
2601	26.00	-5.513	-4.737	-4.542	-4.877	-5.402	-5.643	-5.231	-4.102	-2.555	-1.131
2611	26.10	-0.366	-0.520	-1.418	-2.482	-2.962	-2.261	-0.219	2.780	5.932	8.327
2621	26.20	9.311	8.750	7.071	5.060	3.519	2.926	3.249	4.005	4.521	4.281
2631	26.30	3.187	1.621	0.271	-0.191	0.573	2.400	4.690	6.669	7.721	7.644
2641	26.40	6.692	5.412	4.348	3.754	3.481	3.071	2.013	0.042	-2.669	-5.638
2651	26.50	-8.104	-9.543	-9.811	-9.211	-8.325	-7.708	-7.592	-7.763	-7.670	-6.716
2661	26.60	-4.596	-1.513	1.851	4.597	5.992	5.793	4.365	2.511	1.111	0.720
2671	26.70	1.308	2.273	2.722	1.891	-0.475	-3.956	-7.578	-10.175	-10.830	-9.226
2681	26.80	-5.753	-1.355	2.833	5.884	7.366	7.423	6.627	5.696	5.184	5.289
2691	26.90	5.816	6.312	6.289	5.442	3.776	1.606	-0.572	-2.261	-3.141	-3.167
2701	27.00	-2.565	-1.730	-1.079	-0.904	-1.283	-2.077	-3.003	-3.748	-4.087	-3.950
2711	27.10	-3.430	-2.718	-2.019	-1.456	-1.034	-0.647	-0.150	0.559	1.472	2.444
2721	27.20	3.241	3.621	3.432	2.684	1.562	0.366	-0.581	-1.049	-0.974	-0.468
2731	27.30	0.233	0.864	1.234	1.280	1.075	0.765	0.491	0.319	0.219	0.090
2741	27.40	-0.173	-0.609	-1.171	-1.738	-2.183	-2.440	-2.537	-2.582	-2.702	-2.956
2751	27.50	-3.297	-3.569	-3.580	-3.191	-2.386	-1.289	-0.110	0.952	1.794	2.447
2761	27.60	3.031	3.671	4.393	5.083	5.509	5.423	4.676	3.303	1.526	-0.325
2771	27.70	-1.926	-3.072	-3.719	-3.954	-3.907	-3.671	-3.249	-2.583	-1.620	-0.397
2781	27.80	0.932	2.116	2.898	3.110	2.743	1.947	0.968	0.056	-0.627	-1.043
2791	27.90	-1.258	-1.379	-1.489	-1.602	-1.662	-1.585	-1.307	-0.822	-0.189	0.491
2801	28.00	1.120	1.637	2.042	2.381	2.721	3.102	3.500	3.819	3.900	3.574
2811	28.10	2.729	1.377	-0.314	-2.032	-3.399	-4.079	-3.900	-2.919	-1.421	0.177
2821	28.20	1.468	2.196	2.333	2.060	1.669	1.423	1.438	1.657	1.902	1.988
2831	28.30	1.835	1.509	1.186	1.048	1.174	1.486	1.773	1.801	1.420	0.650
2841	28.40	-0.338	-1.308	-2.075	-2.595	-2.965	-3.347	-3.851	-4.443	-4.936	-5.065
2851	28.50	-4.624	-3.573	-2.088	-0.491	0.867	1.748	2.099	2.031	1.729	1.342
2861	28.60	0.907	0.372	-0.319	-1.121	-1.835	-2.149	-1.768	-0.579	1.235	3.206
2871	28.70	4.716	5.225	4.488	2.669	0.299	-1.914	-3.344	-3.676	-2.999	-1.739
2881	28.80	-0.465	0.356	0.533	0.202	-0.283	-0.542	-0.374	0.127	0.605	0.592
2891	28.90	-0.272	-2.054	-4.453	-6.874	-8.623	-9.150	-8.234	-6.063	-3.159	-0.201
2901	29.00	2.188	3.623	4.020	3.565	2.594	1.453	0.397	-0.444	-1.039	-1.394
2911	29.10	-1.502	-1.330	-0.846	-0.060	0.940	1.996	2.924	3.575	3.885	3.886
2921	29.20	3.674	3.352	2.974	2.525	1.944	1.189	0.294	-0.597	-1.257	-1.448
2931	29.30	-1.025	-0.010	1.378	2.773	3.772	4.069	3.564	2.411	0.976	-0.277
2941	29.40	-0.934	-0.777	0.143	1.512	2.853	3.688	3.697	2.832	1.338	-0.333
2951	29.50	-1.676	-2.314	-2.130	-1.304	-0.229	0.648	1.012	0.813	0.286	-0.149
2961	29.60	-0.066	0.772	2.291	4.111	5.672	6.438	6.098	4.677	2.517	0.145
2971	29.70	-1.925	-3.358	-4.082	-4.251	-4.127	-3.937	-3.777	-3.604	-3.310	-2.827
2981	29.80	-2.212	-1.643	-1.342	-1.446	-1.913	-2.496	-2.836	-2.612	-1.711	-0.307
2991	29.90	1.182	2.243	2.486	1.816	0.480	-1.026	-2.165	-2.588	-2.286	-1.586

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

INDEX NO. 2005 101-GR-1-122 HB. (HB.) SHINKATSUSHIKA B MAX. ACC. = -223.567 (GAL) T= 11.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.004	-1.006	-1.784	-3.163	-4.654	-5.661	-5.735	-4.761	-3.017	-1.055
3011	30.10	0.525	1.315	1.253	0.624	-0.086	-0.412	-0.116	0.722	1.746	2.492
3021	30.20	2.595	1.951	0.757	-0.568	-1.557	-1.887	-1.499	-0.622	0.326	0.907
3031	30.30	0.824	0.038	-1.226	-2.561	-3.522	-3.776	-3.199	-1.897	-0.153	1.683
3041	30.40	3.305	4.530	5.322	5.755	5.940	5.955	5.808	5.442	4.780	3.791
3051	30.50	2.527	1.139	-0.171	-1.213	-1.872	-2.149	-2.145	-2.013	-1.888	-1.831
3061	30.60	-1.817	-1.756	-1.549	-1.145	-0.569	0.075	0.645	1.011	1.097	0.899
3071	30.70	0.472	-0.091	-0.695	-1.255	-1.696	-1.956	-1.970	-1.684	-1.073	-0.164
3081	30.80	0.948	2.103	3.104	3.765	3.962	3.676	3.002	2.128	1.279	0.646
3091	30.90	0.318	0.250	0.276	0.176	-0.231	-0.992	-1.973	-2.885	-3.378	-3.185
3101	31.00	-2.245	-0.759	0.857	2.117	2.652	2.364	1.476	0.458	-0.156	0.023
3111	31.10	1.075	2.731	4.471	5.696	5.937	4.987	2.949	0.176	-2.848	-5.616
3121	31.20	-7.708	-8.839	-8.893	-7.937	-6.220	-4.141	-2.167	-0.704	0.050	0.184
3131	31.30	0.065	0.183	0.921	2.340	4.088	5.492	5.833	4.679	2.132	-1.135
3141	31.40	-4.106	-5.806	-5.699	-3.912	-1.178	1.475	3.157	3.462	2.593	1.200
3151	31.50	0.037	-0.408	-0.107	0.540	0.966	0.759	-0.112	-1.274	-2.151	-2.262
3161	31.60	-1.480	-0.108	1.254	1.989	1.753	0.634	-0.879	-2.105	-2.454	-1.652
3171	31.70	0.170	2.549	4.877	6.610	7.425	7.274	6.348	4.976	3.510	2.225
3181	31.80	1.259	0.586	0.041	-0.622	-1.627	-3.075	-4.862	-6.676	-8.073	-8.633
3191	31.90	-8.132	-6.652	-4.582	-2.494	-0.935	-0.230	-0.377	-1.085	-1.924	-2.532
3201	32.00	-2.755	-2.687	-2.566	-2.615	-2.895	-3.257	-3.411	-3.079	-2.145	-0.729
3211	32.10	0.856	2.239	3.150	3.527	3.524	3.415	3.456	3.772	4.315	4.910
3221	32.20	5.354	5.515	5.381	5.043	4.630	4.236	3.881	3.516	3.066	2.478
3231	32.30	1.757	0.956	0.153	-0.585	-1.225	-1.760	-2.190	-2.504	-2.667	-2.639
3241	32.40	-2.402	-1.978	-1.445	-0.919	-0.527	-0.377	-0.532	-0.993	-1.704	-2.553
3251	32.50	-3.395	-4.068	-4.424	-4.361	-3.852	-2.959	-1.822	-0.620	0.476	1.352
3261	32.60	1.984	2.427	2.784	3.155	3.598	4.103	4.598	4.984	5.162	5.066
3271	32.70	4.681	4.037	3.208	2.292	1.407	0.665	0.161	-0.056	-0.001	0.247
3281	32.80	0.554	0.774	0.789	0.546	0.072	-0.543	-1.183	-1.751	-2.205	-2.560
3291	32.90	-2.872	-3.203	-3.583	-3.993	-4.368	-4.622	-4.675	-4.486	-4.059	-3.441
3301	33.00	-2.696	-1.886	-1.052	-0.209	0.647	1.521	2.398	3.231	3.937	4.418
3311	33.10	4.583	4.384	3.833	3.010	2.037	1.047	0.141	-0.632	-1.277	-1.821
3321	33.20	-2.279	-2.626	-2.795	-2.710	-2.333	-1.711	-0.987	-0.366	-0.051	-0.160
3331	33.30	-0.672	-1.432	-2.200	-2.746	-2.940	-2.802	-2.492	-2.242	-2.258	-2.639
3341	33.40	-3.335	-4.166	-4.886	-5.268	-5.176	-4.590	-3.608	-2.393	-1.126	0.043
3351	33.50	1.022	1.789	2.377	2.855	3.301	3.773	4.267	4.811	5.271	5.576
3361	33.60	5.659	5.508	5.182	4.795	4.480	4.332	4.371	4.531	4.686	4.701
3371	33.70	4.490	4.045	3.433	2.757	2.107	1.516	0.962	0.385	-0.270	-1.010
3381	33.80	-1.794	-2.548	-3.204	-3.735	-4.157	-4.508	-4.813	-5.047	-5.137	-4.988
3391	33.90	-4.541	-3.811	-2.903	-1.976	-1.191	-0.643	-0.329	-0.164	-0.026	0.179
3401	34.00	0.477	0.818	1.115	1.293	1.326	1.245	1.108	0.965	0.826	0.671
3411	34.10	0.480	0.278	0.143	0.184	0.482	1.019	1.653	2.146	2.255	1.838
3421	34.20	0.928	-0.259	-1.408	-2.232	-2.586	-2.517	-2.223	-1.937	-1.796	-1.766
3431	34.30	-1.662	-1.248	-0.379	0.895	2.319	3.519	4.159	4.077	3.351	2.255
3441	34.40	1.127	0.226	-0.370	-0.759	-1.127	-1.613	-2.215	-2.773	-3.044	-2.837
3451	34.50	-2.127	-1.096	-0.073	0.588	0.661	0.128	-0.818	-1.863	-2.704	-3.157
3461	34.60	-3.208	-2.976	-2.635	-2.323	-2.087	-1.885	-1.637	-1.286	-0.831	-0.331
3471	34.70	0.129	0.488	0.741	0.931	1.128	1.382	1.699	2.037	2.336	2.549
3481	34.80	2.668	2.730	2.790	2.900	3.076	3.296	3.515	3.683	3.776	3.791
3491	34.90	3.744	3.651	3.513	3.317	3.045	2.692	2.278	1.842	1.425	1.047

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

INDEX NO. 2005 101-GR-1-122 HB. (HB.) SHINKATSUSHIKA B MAX. ACC. = -223.567 (GAL) T= 11.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.690	0.302	-0.183	-0.816	-1.600	-2.481	-3.361	-4.129	-4.694	-5.016
3511	35.10	-5.109	-5.027	-4.829	-4.558	-4.222	-3.804	-3.284	-2.657	-1.957	-1.241
3521	35.20	-0.578	-0.014	0.442	0.823	1.185	1.574	2.003	2.434	2.793	2.999
3531	35.30	2.992	2.770	2.383	1.924	1.491	1.157	0.949	0.844	0.791	0.732
3541	35.40	0.629	0.472	0.276	0.071	-0.113	-0.259	-0.356	-0.397	-0.373	-0.269
3551	35.50	-0.073	0.212	0.558	0.905	1.171	1.274	1.157	0.811	0.283	-0.331
3561	35.60	-0.912	-1.352	-1.591	-1.630	-1.530	-1.382	-1.273	-1.250	-1.306	-1.383
3571	35.70	-1.409	-1.328	-1.134	-0.867	-0.596	-0.379	-0.229	-0.111	0.045	0.296
3581	35.80	0.651	1.047	1.373	1.517	1.421	1.121	0.732	0.403	0.248	0.292
3591	35.90	0.455	0.596	0.585	0.370	0.010	-0.350	-0.550	-0.493	-0.199	0.202
3601	36.00	0.530	0.639	0.482	0.125	-0.287	-0.612	-0.777	-0.813	-0.829	-0.949
3611	36.10	-1.248	-1.703	-2.207	-2.609	-2.782	-2.667	-2.285	-1.721	-1.081	-0.459
3621	36.20	0.076	0.480	0.726	0.797	0.698	0.466	0.171	-0.100	-0.277	-0.338
3631	36.30	-0.321	-0.304	-0.361	-0.516	-0.712	-0.834	-0.753	-0.390	0.247	1.062
3641	36.40	1.915	2.679	3.284	3.723	4.020	4.190	4.210	4.037	3.648	3.083
3651	36.50	2.461	1.939	1.634	1.550	1.547	1.399	0.896	-0.035	-1.268	-2.507
3661	36.60	-3.420	-3.792	-3.648	-3.254	-3.007	-3.239	-4.046	-5.212	-6.287	-6.771
3671	36.70	-6.337	-4.982	-3.035	-1.019	0.559	1.412	1.563	1.297	1.006	1.010
3681	36.80	1.418	2.117	2.845	3.333	3.416	3.092	2.484	1.771	1.093	0.515
3691	36.90	0.021	-0.439	-0.910	-1.401	-1.897	-2.367	-2.789	-3.141	-3.387	-3.468
3701	37.00	-3.307	-2.846	-2.093	-1.149	-0.204	0.524	0.866	0.785	0.394	-0.074
3711	37.10	-0.359	-0.279	0.199	0.949	1.749	2.377	2.706	2.751	2.645	2.569
3721	37.20	2.662	2.952	3.350	3.687	3.796	3.582	3.061	2.356	1.645	1.096
3731	37.30	0.813	0.809	1.021	1.344	1.669	1.920	2.057	2.072	1.972	1.766
3741	37.40	1.462	1.071	0.615	0.131	-0.334	-0.737	-1.057	-1.295	-1.481	-1.648
3751	37.50	-1.823	-2.006	-2.170	-2.273	-2.275	-2.155	-1.921	-1.603	-1.247	-0.894
3761	37.60	-0.576	-0.315	-0.130	-0.039	-0.058	-0.188	-0.409	-0.676	-0.922	-1.091
3771	37.70	-1.153	-1.123	-1.054	-1.012	-1.041	-1.141	-1.264	-1.337	-1.299	-1.134
3781	37.80	-0.880	-0.606	-0.382	-0.237	-0.148	-0.061	0.073	0.258	0.440	0.529
3791	37.90	0.452	0.207	-0.116	-0.354	-0.340	0.027	0.719	1.583	2.391	2.918
3801	38.00	3.031	2.723	2.100	1.328	0.563	-0.095	-0.612	-0.991	-1.234	-1.326
3811	38.10	-1.232	-0.931	-0.449	0.129	0.685	1.108	1.338	1.390	1.330	1.226
3821	38.20	1.106	0.933	0.634	0.158	-0.472	-1.126	-1.609	-1.742	-1.455	-0.847
3831	38.30	-0.172	0.251	0.166	-0.498	-1.583	-2.746	-3.586	-3.802	-3.308	-2.271
3841	38.40	-1.038	-0.008	0.527	0.478	-0.021	-0.684	-1.197	-1.338	-1.058	-0.477
3851	38.50	0.175	0.658	0.812	0.610	0.152	-0.382	-0.808	-0.996	-0.912	-0.614
3861	38.60	-0.225	0.118	0.312	0.321	0.189	0.018	-0.060	0.068	0.450	1.061
3871	38.70	1.786	2.459	2.908	3.012	2.734	2.141	1.378	0.625	0.041	-0.282
3881	38.80	-0.336	-0.185	0.066	0.320	0.513	0.633	0.702	0.755	0.819	0.895
3891	38.90	0.959	0.974	0.904	0.725	0.433	0.047	-0.389	-0.806	-1.111	-1.203
3901	39.00	-0.994	-0.450	0.388	1.384	2.331	3.004	3.224	2.923	2.173	1.162
3911	39.10	0.137	-0.687	-1.192	-1.399	-1.436	-1.479	-1.667	-2.047	-2.550	-3.023
3921	39.20	-3.297	-3.248	-2.849	-2.171	-1.351	-0.543	0.137	0.636	0.966	1.185
3931	39.30	1.363	1.556	1.787	2.049	2.301	2.484	2.527	2.366	1.962	1.317
3941	39.40	0.493	-0.391	-1.180	-1.719	-1.904	-1.716	-1.229	-0.593	0.019	0.465
3951	39.50	0.678	0.675	0.533	0.340	0.148	-0.056	-0.334	-0.753	-1.333	-2.003
3961	39.60	-2.598	-2.907	-2.745	-2.030	-0.826	0.658	2.125	3.282	3.923	3.985
3971	39.70	3.549	2.797	1.940	1.158	0.553	0.149	-0.085	-0.197	-0.234	-0.222
3981	39.80	-0.181	-0.130	-0.097	-0.109	-0.176	-0.283	-0.387	-0.430	-0.363	-0.168
3991	39.90	0.136	0.497	0.850	1.133	1.303	1.328	1.186	0.863	0.361	-0.286

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

INDEX NO. 2005 101-GR-1-122 HB. (HB.) SHINKATSUSHIKA B MAX. ACC. = -223.567 (GAL) T= 11.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.996	-1.646	-2.096	-2.243	-2.071	-1.670	-1.221	-0.933	-0.957	-1.320
4011	40.10	-1.899	-2.464	-2.769	-2.653	-2.120	-1.338	-0.582	-0.122	-0.114	-0.538
4021	40.20	-1.211	-1.859	-2.237	-2.222	-1.860	-1.335	-0.892	-0.727	-0.908	-1.350
4031	40.30	-1.867	-2.156	-2.086	-1.565	-0.663	0.441	1.523	2.391	2.931	3.130
4041	40.40	3.053	2.801	2.463	2.091	1.689	1.237	0.721	0.150	-0.429	-0.953
4051	40.50	-1.366	-1.639	-1.785	-1.844	-1.864	-1.876	-1.886	-1.883	-1.859	-1.828
4061	40.60	-1.830	-1.910	-2.085	-2.314	-2.490	-2.470	-2.133	-1.439	-0.477	0.549
4071	40.70	1.381	1.796	1.691	1.131	0.331	-0.428	-0.890	-0.919	-0.528	0.142
4081	40.80	0.901	1.588	2.127	2.538	2.895	3.265	3.660	4.018	4.230	4.197
4091	40.90	3.876	3.316	2.642	2.019	1.590	1.441	1.574	1.922	2.376	2.822
4101	41.00	3.165	3.348	3.351	3.188	2.896	2.525	2.126	1.732	1.349	0.955
4111	41.10	0.511	-0.014	-0.619	-1.251	-1.815	-2.200	-2.325	-2.173	-1.809	-1.359
4121	41.20	-0.966	-0.732	-0.692	-0.799	-0.966	-1.106	-1.177	-1.197	-1.218	-1.292
4131	41.30	-1.425	-1.568	-1.639	-1.559	-1.301	-0.906	-0.468	-0.080	0.207	0.414
4141	41.40	0.619	0.910	1.330	1.842	2.334	2.673	2.762	2.592	2.244	1.844
4151	41.50	1.505	1.264	1.076	0.839	0.462	-0.083	-0.739	-1.394	-1.945	-2.351
4161	41.60	-2.660	-2.968	-3.357	-3.823	-4.257	-4.484	-4.352	-3.823	-3.022	-2.198
4171	41.70	-1.625	-1.468	-1.696	-2.078	-2.279	-2.008	-1.166	0.101	1.444	2.455
4181	41.80	2.842	2.543	1.757	0.845	0.177	-0.021	0.249	0.780	1.271	1.465
4191	41.90	1.258	0.733	0.097	-0.416	-0.652	-0.596	-0.350	-0.076	0.094	0.110
4201	42.00	0.016	-0.089	-0.107	0.007	0.232	0.498	0.729	0.883	0.960	0.995
4211	42.10	1.025	1.060	1.075	1.022	0.866	0.614	0.329	0.114	0.075	0.276
4221	42.20	0.706	1.276	1.844	2.264	2.434	2.329	2.005	1.574	1.160	0.862
4231	42.30	0.717	0.706	0.759	0.792	0.732	0.538	0.203	-0.250	-0.777	-1.332
4241	42.40	-1.868	-2.348	-2.743	-3.042	-3.247	-3.377	-3.460	-3.522	-3.578	-3.623
4251	42.50	-3.636	-3.584	-3.459	-3.264	-3.030	-2.794	-2.587	-2.406	-2.219	-1.968
4261	42.60	-1.602	-1.100	-0.488	0.174	0.809	1.366	1.836	2.254	2.677	3.143
4271	42.70	3.639	4.092	4.388	4.417	4.126	3.545	2.790	2.031	1.433	1.104
4281	42.80	1.066	1.247	1.522	1.749	1.820	1.683	1.350	0.878	0.343	-0.178
4291	42.90	-0.630	-0.979	-1.212	-1.329	-1.336	-1.241	-1.051	-0.779	-0.444	-0.075
4301	43.00	0.279	0.559	0.702	0.658	0.410	-0.015	-0.544	-1.075	-1.507	-1.772
4311	43.10	-1.858	-1.816	-1.735	-1.704	-1.771	-1.917	-2.056	-2.068	-1.842	-1.328
4321	43.20	-0.561	0.342	1.218	1.907	2.305	2.384	2.194	1.834	1.403	0.972
4331	43.30	0.560	0.147	-0.299	-0.793	-1.308	-1.779	-2.122	-2.267	-2.182	-1.893
4341	43.40	-1.470	-1.005	-0.577	-0.227	0.048	0.288	0.539	0.828	1.144	1.436
4351	43.50	1.633	1.667	1.504	1.159	0.697	0.212	-0.203	-0.481	-0.609	-0.620
4361	43.60	-0.579	-0.557	-0.594	-0.689	-0.797	-0.850	-0.793	-0.611	-0.340	-0.059
4371	43.70	0.143	0.209	0.146	0.022	-0.048	0.042	0.345	0.832	1.395	1.885
4381	43.80	2.170	2.179	1.931	1.524	1.093	0.762	0.603	0.621	0.768	0.971
4391	43.90	1.160	1.289	1.331	1.277	1.123	0.876	0.561	0.226	-0.056	-0.204
4401	44.00	-0.161	0.085	0.488	0.959	1.394	1.718	1.906	1.983	2.002	2.015
4411	44.10	2.038	2.046	1.990	1.824	1.530	1.129	0.671	0.213	-0.202	-0.557
4421	44.20	-0.856	-1.111	-1.326	-1.500	-1.631	-1.724	-1.799	-1.875	-1.964	-2.048
4431	44.30	-2.088	-2.039	-1.881	-1.642	-1.399	-1.250	-1.273	-1.482	-1.814	-2.148
4441	44.40	-2.355	-2.356	-2.151	-1.822	-1.483	-1.226	-1.078	-0.994	-0.890	-0.696
4451	44.50	-0.403	-0.075	0.181	0.265	0.135	-0.172	-0.558	-0.917	-1.180	-1.344
4461	44.60	-1.453	-1.566	-1.705	-1.835	-1.880	-1.759	-1.439	-0.956	-0.406	0.099
4471	44.70	0.479	0.717	0.860	0.983	1.139	1.329	1.504	1.590	1.537	1.347
4481	44.80	1.075	0.796	0.567	0.400	0.258	0.094	-0.108	-0.307	-0.408	-0.310
4491	44.90	0.036	0.584	1.191	1.662	1.826	1.609	1.063	0.348	-0.336	-0.829

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

INDEX NO. 2005 101-GR-1-122 HB. (HB.) SHINKATSUSHIKA B MAX. ACC. = -223.567 (GAL) T= 11.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.063	-1.080	-0.990	-0.904	-0.883	-0.907	-0.899	-0.773	-0.481	-0.044
4511	45.10	0.459	0.935	1.318	1.606	1.847	2.111	2.439	2.811	3.143	3.324
4521	45.20	3.260	2.927	2.385	1.764	1.212	0.842	0.692	0.721	0.826	0.898
4531	45.30	0.861	0.700	0.456	0.200	-0.004	-0.132	-0.201	-0.260	-0.357	-0.519
4541	45.40	-0.730	-0.944	-1.104	-1.169	-1.131	-1.014	-0.861	-0.706	-0.559	-0.395
4551	45.50	-0.171	0.149	0.570	1.051	1.512	1.856	2.010	1.946	1.692	1.319
4561	45.60	0.910	0.523	0.171	-0.183	-0.597	-1.118	-1.743	-2.409	-3.006	-3.410
4571	45.70	-3.531	-3.354	-2.942	-2.421	-1.931	-1.575	-1.381	-1.296	-1.214	-1.019
4581	45.80	-0.638	-0.072	0.605	1.269	1.797	2.104	2.171	2.036	1.771	1.447
4591	45.90	1.113	0.787	0.469	0.170	-0.083	-0.238	-0.246	-0.085	0.218	0.581
4601	46.00	0.892	1.050	1.005	0.777	0.451	0.135	-0.080	-0.166	-0.165	-0.171
4611	46.10	-0.286	-0.572	-1.024	-1.568	-2.095	-2.504	-2.739	-2.806	-2.762	-2.684
4621	46.20	-2.634	-2.636	-2.675	-2.711	-2.707	-2.639	-2.508	-2.327	-2.107	-1.852
4631	46.30	-1.553	-1.204	-0.811	-0.398	-0.005	0.330	0.588	0.777	0.928	1.078
4641	46.40	1.252	1.448	1.633	1.763	1.796	1.715	1.535	1.296	1.047	0.830
4651	46.50	0.664	0.548	0.468	0.405	0.352	0.309	0.292	0.323	0.426	0.622
4661	46.60	0.924	1.323	1.787	2.252	2.635	2.848	2.830	2.571	2.130	1.623
4671	46.70	1.189	0.948	0.957	1.183	1.516	1.808	1.922	1.783	1.397	0.848
4681	46.80	0.257	-0.257	-0.617	-0.800	-0.833	-0.764	-0.642	-0.499	-0.346	-0.186
4691	46.90	-0.025	0.117	0.215	0.241	0.184	0.050	-0.134	-0.336	-0.527	-0.691
4701	47.00	-0.827	-0.947	-1.064	-1.184	-1.307	-1.422	-1.518	-1.582	-1.606	-1.585
4711	47.10	-1.519	-1.412	-1.270	-1.100	-0.915	-0.723	-0.533	-0.344	-0.150	0.061
4721	47.20	0.299	0.569	0.863	1.154	1.402	1.556	1.566	1.396	1.036	0.511
4731	47.30	-0.122	-0.775	-1.352	-1.766	-1.960	-1.926	-1.704	-1.371	-1.022	-0.742
4741	47.40	-0.582	-0.548	-0.605	-0.692	-0.746	-0.722	-0.604	-0.410	-0.179	0.047
4751	47.50	0.237	0.383	0.495	0.592	0.686	0.775	0.835	0.828	0.723	0.509
4761	47.60	0.209	-0.122	-0.410	-0.588	-0.616	-0.498	-0.274	-0.006	0.254	0.482
4771	47.70	0.690	0.911	1.178	1.491	1.811	2.066	2.180	2.106	1.854	1.490
4781	47.80	1.117	0.830	0.687	0.685	0.774	0.886	0.971	1.021	1.063	1.132
4791	47.90	1.243	1.359	1.400	1.273	0.918	0.345	-0.355	-1.036	-1.547	-1.789
4801	48.00	-1.747	-1.491	-1.138	-0.805	-0.562	-0.414	-0.315	-0.203	-0.035	0.186
4811	48.10	0.422	0.618	0.736	0.771	0.753	0.730	0.740	0.800	0.894	0.997
4821	48.20	1.082	1.138	1.172	1.193	1.203	1.188	1.128	1.006	0.826	0.618
4831	48.30	0.422	0.271	0.166	0.075	-0.060	-0.293	-0.641	-1.076	-1.526	-1.904
4841	48.40	-2.152	-2.260	-2.270	-2.256	-2.283	-2.375	-2.500	-2.585	-2.553	-2.363
4851	48.50	-2.026	-1.610	-1.204	-0.888	-0.700	-0.631	-0.642	-0.689	-0.751	-0.831
4861	48.60	-0.953	-1.131	-1.355	-1.581	-1.750	-1.813	-1.755	-1.600	-1.405	-1.233
4871	48.70	-1.120	-1.070	-1.048	-1.011	-0.928	-0.795	-0.640	-0.500	-0.403	-0.347
4881	48.80	-0.304	-0.235	-0.106	0.085	0.312	0.532	0.704	0.811	0.868	0.908
4891	48.90	0.966	1.058	1.170	1.268	1.311	1.271	1.149	0.969	0.768	0.576
4901	49.00	0.402	0.234	0.046	-0.183	-0.454	-0.744	-1.005	-1.186	-1.244	-1.162
4911	49.10	-0.955	-0.667	-0.362	-0.107	0.037	0.038	-0.101	-0.338	-0.594	-0.774
4921	49.20	-0.791	-0.595	-0.191	0.356	0.938	1.442	1.788	1.955	1.989	1.979
4931	49.30	2.016	2.152	2.377	2.617	2.772	2.763	2.568	2.247	1.913	1.695
4941	49.40	1.680	1.875	2.206	2.542	2.749	2.738	2.497	2.083	1.597	1.137
4951	49.50	0.766	0.502	0.333	0.236	0.204	0.246	0.370	0.566	0.780	0.929
4961	49.60	0.919	0.694	0.259	-0.311	-0.898	-1.386	-1.709	-1.874	-1.951	-2.032
4971	49.70	-2.177	-2.385	-2.589	-2.691	-2.613	-2.340	-1.931	-1.495	-1.137	-0.914
4981	49.80	-0.807	-0.736	-0.606	-0.361	-0.019	0.336	0.586	0.644	0.491	0.188
4991	49.90	-0.150	-0.415	-0.549	-0.576	-0.574	-0.645	-0.844	-1.146	-1.454	-1.635

Table 7-6-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 2005 101-GR-1-122 HB. (HB.) SHINKATSUSHIKA B MAX. ACC. = -223.567 (GAL) T= 11.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.578	-1.247	-0.701	-0.068	0.499	0.883	1.043	1.021	0.911	0.817
5011	50.10	0.807	0.888	1.015	1.117	1.135	1.053	0.903	0.754	0.682	0.737
5021	50.20	0.925	1.210	1.526	1.802	1.990	2.071	2.060	1.989	1.888	1.774
5031	50.30	1.643	1.479	1.265	0.996	0.679	0.349	0.038	-0.226	-0.430	-0.578
5041	50.40	-0.681	-0.753	-0.800	-0.819	-0.806	-0.764	-0.709	-0.672	-0.686	-0.778
5051	50.50	-0.953	-1.187	-1.435	-1.641	-1.754	-1.744	-1.606	-1.357	-1.030	-0.659
5061	50.60	-0.275	0.098	0.440	0.730	0.947	1.066	1.065	0.931	0.666	0.291
5071	50.70	-0.152	-0.609	-1.020	-1.339	-1.544	-1.644	-1.684	-1.722	-1.814	-1.988
5081	50.80	-2.225	-2.464	-2.616	-2.601	-2.376	-1.965	-1.450	-0.953	-0.592	-0.441
5091	50.90	-0.502	-0.704	-0.931	-1.064	-1.025	-0.808	-0.481	-0.164	0.013	-0.043
5101	51.00	-0.358	-0.869	-1.447	-1.926	-2.155	-2.044	-1.594	-0.897	-0.110	0.596
5111	51.10	1.088	1.315	1.321	1.221	1.153	1.219	1.446	1.776	2.090	2.259
5121	51.20	2.202	1.913	1.459	0.950	0.487	0.122	-0.151	-0.379	-0.612	-0.865
5131	51.30	-1.098	-1.240	-1.216	-0.998	-0.621	-0.176	0.227	0.501	0.626	0.647
5141	51.40	0.649	0.717	0.890	1.148	1.427	1.652	1.781	1.824	1.839	1.896
5151	51.50	2.037	2.252	2.471	2.599	2.556	2.315	1.916	1.445	1.002	0.656
5161	51.60	0.421	0.258	0.102	-0.102	-0.373	-0.681	-0.963	-1.155	-1.215	-1.138
5171	51.70	-0.956	-0.718	-0.473	-0.258	-0.103	-0.030	-0.064	-0.225	-0.513	-0.900
5181	51.80	-1.322	-1.696	-1.944	-2.025	-1.958	-1.809	-1.664	-1.584	-1.572	-1.563
5191	51.90	-1.458	-1.168	-0.668	-0.023	0.627	1.119	1.332	1.236	0.906	0.490
5201	52.00	0.145	-0.020	0.018	0.205	0.442	0.644	0.777	0.860	0.949	1.093
5211	52.10	1.304	1.547	1.756	1.870	1.857	1.730	1.527	1.297	1.067	0.846
5221	52.20	0.632	0.432	0.277	0.214	0.287	0.506	0.832	1.175	1.431	1.524
5231	52.30	1.431	1.198	0.916	0.678	0.538	0.492	0.485	0.446	0.325	0.117
5241	52.40	-0.136	-0.369	-0.524	-0.583	-0.563	-0.509	-0.462	-0.438	-0.425	-0.390
5251	52.50	-0.309	-0.180	-0.034	0.077	0.106	0.029	-0.141	-0.364	-0.588	-0.775
5261	52.60	-0.908	-1.000	-1.077	-1.166	-1.281	-1.416	-1.552	-1.662	-1.727	-1.737
5271	52.70	-1.693	-1.604	-1.483	-1.344	-1.200	-1.063	-0.944	-0.850	-0.785	-0.746
5281	52.80	-0.726	-0.717	-0.708	-0.692	-0.660	-0.607	-0.530	-0.429	-0.310	-0.186
5291	52.90	-0.074	0.008	0.045	0.030	-0.030	-0.122	-0.225	-0.319	-0.388	-0.424
5301	53.00	-0.426	-0.397	-0.346	-0.280	-0.207	-0.132	-0.054	0.032	0.134	0.266
5311	53.10	0.434	0.636	0.859	1.082	1.278	1.429	1.529	1.587	1.626	1.670
5321	53.20	1.735	1.824	1.920	1.999	2.037	2.017	1.941	1.820	1.675	1.524
5331	53.30	1.376	1.230	1.079	0.912	0.729	0.534	0.343	0.171	0.027	-0.091
5341	53.40	-0.196	-0.314	-0.471	-0.682	-0.945	-1.239	-1.527	-1.769	-1.935	-2.020
5351	53.50	-2.041	-2.036	-2.052	-2.117	-2.239	-2.392	-2.526	-2.585	-2.524	-2.325
5361	53.60	-2.007	-1.612	-1.200	-0.825	-0.523	-0.309	-0.173	-0.091	-0.036	0.016
5371	53.70	0.083	0.169	0.273	0.384	0.492	0.583	0.647	0.679	0.683	0.667
5381	53.80	0.645	0.631	0.634	0.655	0.691	0.730	0.762	0.784	0.796	0.807
5391	53.90	0.827	0.861	0.908	0.960	0.997	1.000	0.953	0.851	0.704	0.534
5401	54.00	0.374	0.254	0.196	0.200	0.250	0.312	0.350	0.333	0.254	0.123
5411	54.10	-0.032	-0.181	-0.302	-0.387	-0.445	-0.494	-0.546	-0.603	-0.652	-0.671
5421	54.20	-0.642	-0.559	-0.434	-0.291	-0.160	-0.059	0.008	0.057	0.114	0.205
5431	54.30	0.345	0.533	0.753	0.985	1.204	1.394	1.543	1.648	1.704	1.710
5441	54.40	1.665	1.569	1.427	1.245	1.032	0.797	0.551	0.303	0.064	-0.156
5451	54.50	-0.348	-0.509	-0.643	-0.761	-0.874	-0.991	-1.114	-1.232	-1.334	-1.410
5461	54.60	-1.463	-1.508	-1.567	-1.660	-1.788	-1.932	-2.057	-2.121	-2.095	-1.974
5471	54.70	-1.778	-1.543	-1.304	-1.084	-0.885	-0.696	-0.503	-0.302	-0.102	0.079
5481	54.80	0.226	0.337	0.427	0.517	0.624	0.742	0.843	0.892	0.858	0.740
5491	54.90	0.566	0.387	0.250	0.175	0.147	0.116	0.029	-0.146	-0.400	-0.688

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

INDEX NO. 2005 101-GR-1-122 HB. (HB.) SHINKATSUSHIKA B MAX. ACC. = -223.567 (GAL) T= 11.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.947	-1.131	-1.233	-1.285	-1.340	-1.439	-1.585	-1.736	-1.821	-1.777
5511	55.10	-1.581	-1.261	-0.887	-0.535	-0.250	-0.025	0.191	0.466	0.843	1.310
5521	55.20	1.802	2.226	2.500	2.592	2.533	2.400	2.284	2.251	2.314	2.440
5531	55.30	2.563	2.622	2.582	2.446	2.243	2.011	1.782	1.572	1.385	1.217
5541	55.40	1.061	0.913	0.764	0.605	0.425	0.222	0.014	-0.164	-0.269	-0.269
5551	55.50	-0.165	-0.001	0.149	0.205	0.115	-0.114	-0.419	-0.697	-0.849	-0.815
5561	55.60	-0.599	-0.265	0.091	0.380	0.553	0.614	0.612	0.608	0.652	0.760
5571	55.70	0.916	1.085	1.231	1.333	1.395	1.437	1.482	1.545	1.625	1.707
5581	55.80	1.763	1.768	1.698	1.543	1.308	1.007	0.665	0.309	-0.040	-0.371
5591	55.90	-0.688	-1.005	-1.337	-1.687	-2.041	-2.369	-2.634	-2.807	-2.885	-2.890
5601	56.00	-2.863	-2.849	-2.874	-2.935	-3.000	-3.027	-2.983	-2.864	-2.702	-2.547
5611	56.10	-2.451	-2.436	-2.488	-2.554	-2.564	-2.459	-2.212	-1.839	-1.393	-0.940
5621	56.20	-0.540	-0.223	0.010	0.186	0.338	0.493	0.660	0.827	0.971	1.063
5631	56.30	1.087	1.036	0.920	0.756	0.564	0.361	0.157	-0.046	-0.251	-0.463
5641	56.40	-0.682	-0.906	-1.123	-1.317	-1.468	-1.558	-1.574	-1.518	-1.399	-1.238
5651	56.50	-1.060	-0.884	-0.718	-0.557	-0.383	-0.177	0.071	0.353	0.637	0.879
5661	56.60	1.035	1.082	1.031	0.928	0.841	0.837	0.954	1.188	1.489	1.784
5671	56.70	2.004	2.111	2.117	2.074	2.049	2.097	2.239	2.452	2.690	2.901
5681	56.80	3.060	3.168	3.249	3.323	3.389	3.409	3.324	3.085	2.675	2.132
5691	56.90	1.542	1.005	0.601	0.354	0.225	0.128	-0.031	-0.315	-0.730	-1.228
5701	57.00	-1.729	-2.156	-2.460	-2.639	-2.717	-2.733	-2.714	-2.666	-2.584	-2.463
5711	57.10	-2.309	-2.150	-2.019	-1.934	-1.891	-1.854	-1.771	-1.602	-1.335	-0.999
5721	57.20	-0.654	-0.364	-0.170	-0.074	-0.038	-0.004	0.074	0.208	0.367	0.493
5731	57.30	0.523	0.422	0.201	-0.085	-0.356	-0.535	-0.574	-0.469	-0.256	0.005
5741	57.40	0.251	0.432	0.524	0.530	0.474	0.387	0.303	0.252	0.251	0.304
5751	57.50	0.399	0.516	0.626	0.701	0.723	0.692	0.619	0.526	0.436	0.365
5761	57.60	0.313	0.273	0.233	0.182	0.119	0.051	-0.013	-0.065	-0.103	-0.134
5771	57.70	-0.166	-0.204	-0.248	-0.289	-0.318	-0.324	-0.306	-0.264	-0.204	-0.126
5781	57.80	-0.032	0.081	0.208	0.337	0.446	0.513	0.524	0.482	0.412	0.355
5791	57.90	0.347	0.408	0.529	0.672	0.786	0.825	0.768	0.629	0.449	0.277
5801	58.00	0.148	0.074	0.033	-0.012	-0.097	-0.242	-0.443	-0.679	-0.923	-1.156
5811	58.10	-1.373	-1.577	-1.770	-1.940	-2.060	-2.097	-2.026	-1.849	-1.601	-1.338
5821	58.20	-1.124	-0.999	-0.968	-0.996	-1.022	-0.984	-0.843	-0.597	-0.278	0.062
5831	58.30	0.375	0.631	0.830	0.988	1.132	1.275	1.419	1.547	1.641	1.689
5841	58.40	1.697	1.688	1.692	1.737	1.833	1.970	2.120	2.243	2.305	2.285
5851	58.50	2.182	2.015	1.810	1.596	1.389	1.194	1.002	0.798	0.572	0.324
5861	58.60	0.066	-0.180	-0.390	-0.549	-0.653	-0.710	-0.739	-0.754	-0.767	-0.779
5871	58.70	-0.788	-0.792	-0.790	-0.786	-0.778	-0.758	-0.706	-0.597	-0.413	-0.154
5881	58.80	0.154	0.458	0.698	0.824	0.816	0.691	0.494	0.279	0.088	-0.067
5891	58.90	-0.205	-0.357	-0.548	-0.774	-1.001	-1.172	-1.236	-1.166	-0.977	-0.718
5901	59.00	-0.456	-0.249	-0.124	-0.073	-0.061	-0.045	0.008	0.105	0.229	0.352
5911	59.10	0.442	0.482	0.470	0.416	0.333	0.235	0.129	0.019	-0.091	-0.194
5921	59.20	-0.281	-0.341	-0.368	-0.358	-0.311	-0.227	-0.110	0.033	0.192	0.350
5931	59.30	0.486	0.577	0.603	0.560	0.455	0.306	0.138	-0.029	-0.182	-0.319
5941	59.40	-0.445	-0.567	-0.689	-0.814	-0.940	-1.066	-1.195	-1.328	-1.464	-1.597
5951	59.50	-1.710	-1.783	-1.795	-1.736	-1.611	-1.438	-1.244	-1.055	-0.888	-0.746
5961	59.60	-0.620	-0.494	-0.356	-0.199	-0.029	0.142	0.298	0.429	0.531	0.603
5971	59.70	0.653	0.686	0.705	0.711	0.702	0.679	0.643	0.595	0.539	0.473
5981	59.80	0.394	0.302	0.197	0.086	-0.016	-0.091	-0.123	-0.103	-0.035	0.065
5991	59.90	0.174	0.267	0.330	0.360	0.369	0.376	0.399	0.446	0.512	0.584

Table 7-6-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 2005 101-GR-1-122 HB. (HD.) SHINKATSUSHIKA B MAX. ACC. = -223.567 (GAL) T= 11.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.641	0.668	0.661	0.623	0.566	0.505	0.449	0.400	0.355	0.309
6011	60.10	0.258	0.205	0.151	0.100	0.053	0.010	-0.034	-0.080	-0.129	-0.177
6021	60.20	-0.220	-0.255	-0.281	-0.301	-0.320	-0.341	-0.361	-0.379	-0.392	-0.398
6031	60.30	-0.402	-0.409	-0.422	-0.442	-0.466	-0.486	-0.497	-0.499	-0.497	-0.502
6041	60.40	-0.520	-0.554	-0.597	-0.634	-0.654	-0.650	-0.623	-0.582	-0.532	-0.478
6051	60.50	-0.412	-0.327	-0.215	-0.080	0.064	0.196	0.298	0.365	0.411	0.461
6061	60.60	0.542	0.668	0.833	1.013	1.178	1.306	1.395	1.463	1.540	1.666
6071	60.70	1.777	1.903	1.972	1.935	1.764	1.471	1.104	0.731	0.417	0.199
6081	60.80	0.077	0.020	-0.020	-0.085	-0.197	-0.348	-0.513	-0.661	-0.770	-0.836
6091	60.90	-0.870	-0.894	-0.926	-0.975	-1.037	-1.100	-1.151	-1.183	-1.200	-1.211
6101	61.00	-1.230	-1.266	-1.322	-1.390	-1.456	-1.502	-1.514	-1.484	-1.413	-1.307
6111	61.10	-1.176	-1.031	-0.882	-0.733	-0.593	-0.466	-0.359	-0.276	-0.216	-0.170
6121	61.20	-0.121	-0.048	0.062	0.217	0.403	0.600	0.781	0.928	1.041	1.137
6131	61.30	1.247	1.395	1.588	1.807	2.008	2.138	2.154	2.042	1.822	1.540
6141	61.40	1.255	1.015	0.843	0.735	0.664	0.601	0.522	0.425	0.319	0.222
6151	61.50	0.147	0.096	0.060	0.023	-0.028	-0.095	-0.172	-0.243	-0.295	-0.318
6161	61.60	-0.311	-0.278	-0.230	-0.176	-0.124	-0.079	-0.048	-0.035	-0.044	-0.074
6171	61.70	-0.123	-0.185	-0.251	-0.315	-0.373	-0.427	-0.482	-0.541	-0.604	-0.668
6181	61.80	-0.725	-0.763	-0.774	-0.751	-0.696	-0.616	-0.522	-0.429	-0.352	-0.301
6191	61.90	-0.279	-0.278	-0.285	-0.281	-0.251	-0.188	-0.095	0.013	0.119	0.207
6201	62.00	0.269	0.310	0.341	0.376	0.425	0.492	0.571	0.655	0.737	0.815
6211	62.10	0.892	0.973	1.061	1.158	1.257	1.353	1.439	1.514	1.577	1.628
6221	62.20	1.666	1.684	1.675	1.632	1.554	1.448	1.328	1.207	1.100	1.013
6231	62.30	0.945	0.890	0.837	0.776	0.701	0.610	0.504	0.390	0.273	0.161
6241	62.40	0.058	-0.039	-0.135	-0.241	-0.366	-0.517	-0.690	-0.872	-1.046	-1.194
6251	62.50	-1.305	-1.383	-1.442	-1.502	-1.579	-1.682	-1.806	-1.936	-2.056	-2.150
6261	62.60	-2.210	-2.235	-2.221	-2.166	-2.062	-1.901	-1.683	-1.414	-1.115	-0.809
6271	62.70	-0.521	-0.267	-0.054	0.121	0.260	0.362	0.418	0.421	0.367	0.263
6281	62.80	0.131	-0.003	-0.116	-0.200	-0.260	-0.314	-0.379	-0.464	-0.564	-0.664
6291	62.90	-0.748	-0.814	-0.874	-0.949	-1.057	-1.199	-1.351	-1.467	-1.502	-1.424
6301	63.00	-1.238	-0.982	-0.716	-0.501	-0.372	-0.331	-0.344	-0.362	-0.340	-0.253
6311	63.10	-0.105	0.081	0.275	0.456	0.614	0.750	0.866	0.960	1.021	1.037
6321	63.20	1.004	0.933	0.855	0.807	0.822	0.913	1.067	1.250	1.417	1.530
6331	63.30	1.569	1.534	1.445	1.327	1.205	1.095	1.003	0.928	0.865	0.809
6341	63.40	0.751	0.681	0.591	0.474	0.334	0.180	0.031	-0.096	-0.193	-0.266
6351	63.50	-0.334	-0.420	-0.538	-0.684	-0.832	-0.940	-0.963	-0.874	-0.673	-0.389
6361	63.60	-0.078	0.200	0.390	0.461	0.408	0.250	0.024	-0.226	-0.458	-0.640
6371	63.70	-0.756	-0.807	-0.809	-0.789	-0.776	-0.791	-0.843	-0.921	-1.008	-1.083
6381	63.80	-1.137	-1.175	-1.215	-1.280	-1.381	-1.511	-1.642	-1.738	-1.762	-1.699
6391	63.90	-1.557	-1.368	-1.174	-1.011	-0.899	-0.839	-0.811	-0.792	-0.759	-0.705
6401	64.00	-0.631	-0.550	-0.476	-0.414	-0.372	-0.347	-0.330	-0.311	-0.282	-0.233
6411	64.10	-0.161	-0.067	0.044	0.161	0.274	0.376	0.466	0.547	0.625	0.704
6421	64.20	0.785	0.863	0.936	0.999	1.058	1.122	1.201	1.302	1.428	1.573
6431	64.30	1.730	1.889	2.045	2.195	2.337	2.465	2.571	2.645	2.679	2.670
6441	64.40	2.622	2.539	2.428	2.289	2.125	1.942	1.754	1.583	1.451	1.369
6451	64.50	1.328	1.303	1.256	1.157	0.999	0.801	0.603	0.441	0.333	0.266
6461	64.60	0.204	0.111	-0.027	-0.191	-0.338	-0.420	-0.415	-0.342	-0.253	-0.206
6471	64.70	-0.232	-0.316	-0.400	-0.418	-0.328	-0.145	0.069	0.238	0.312	0.304
6481	64.80	0.282	0.330	0.501	0.767	1.033	1.173	1.110	0.865	0.568	0.403
6491	64.90	0.519	0.935	1.508	1.975	2.060	1.599	0.628	-0.615	-1.775	-2.521

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

INDEX NO. 2009 104-GR-1-70 HA. (HA.) SHINTONEGAWA BR. MAX. ACC. = 42.528 (GAL) T= 14.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.454	3.246	2.796	2.408	2.279	2.407	2.592	2.545	2.049	1.087
11	0.10	-0.124	-1.218	-1.831	-1.773	-1.105	-0.112	0.821	1.382	1.452	1.139
21	0.20	0.706	0.438	0.511	0.927	1.531	2.099	2.443	2.488	2.279	1.939
31	0.30	1.598	1.329	1.130	0.948	0.717	0.401	0.015	-0.393	-0.758	-1.025
41	0.40	-1.161	-1.149	-0.982	-0.664	-0.212	0.332	0.897	1.403	1.779	1.991
51	0.50	2.052	2.005	1.899	1.753	1.544	1.223	0.748	0.127	-0.559	-1.175
61	0.60	-1.575	-1.659	-1.419	-0.941	-0.373	0.138	0.494	0.675	0.731	0.735
71	0.70	0.741	0.762	0.764	0.705	0.561	0.348	0.116	-0.080	-0.209	-0.283
81	0.80	-0.346	-0.441	-0.581	-0.727	-0.806	-0.740	-0.493	-0.097	0.348	0.712
91	0.90	0.880	0.801	0.499	0.067	-0.375	-0.719	-0.905	-0.922	-0.801	-0.584
101	1.00	-0.308	0.009	0.359	0.737	1.123	1.484	1.772	1.938	1.937	1.739
111	1.10	1.334	0.736	-0.010	-0.831	-1.622	-2.269	-2.668	-2.750	-2.509	-2.003
121	1.20	-1.337	-0.639	-0.016	0.467	0.800	1.013	1.150	1.245	1.302	1.297
131	1.30	1.195	0.965	0.602	0.131	-0.396	-0.911	-1.341	-1.624	-1.714	-1.590
141	1.40	-1.273	-0.822	-0.336	0.066	0.275	0.236	-0.032	-0.428	-0.797	-0.982
151	1.50	-0.882	-0.495	0.080	0.672	1.106	1.260	1.112	0.736	0.265	-0.161
161	1.60	-0.456	-0.603	-0.653	-0.684	-0.760	-0.901	-1.080	-1.241	-1.324	-1.296
171	1.70	-1.152	-0.916	-0.619	-0.290	0.047	0.373	0.660	0.875	0.987	0.976
181	1.80	0.850	0.636	0.380	0.120	-0.118	-0.327	-0.508	-0.657	-0.755	-0.773
191	1.90	-0.692	-0.517	-0.291	-0.078	0.061	0.104	0.081	0.065	0.138	0.340
201	2.00	0.640	0.937	1.101	1.033	0.720	0.252	-0.209	-0.494	-0.508	-0.265
211	2.10	0.109	0.438	0.572	0.452	0.127	-0.275	-0.618	-0.819	-0.886	-0.894
221	2.20	-0.933	-1.038	-1.163	-1.189	-0.987	-0.492	0.244	1.057	1.718	2.027
231	2.30	1.890	1.354	0.587	-0.195	-0.815	-1.194	-1.362	-1.420	-1.470	-1.555
241	2.40	-1.635	-1.610	-1.381	-0.911	-0.261	0.422	0.956	1.199	1.101	0.729
251	2.50	0.231	-0.220	-0.498	-0.566	-0.476	-0.337	-0.256	-0.289	-0.422	-0.583
261	2.60	-0.686	-0.668	-0.522	-0.295	-0.059	0.125	0.233	0.284	0.319	0.377
271	2.70	0.462	0.546	0.579	0.524	0.377	0.174	-0.024	-0.162	-0.220	-0.226
281	2.80	-0.238	-0.317	-0.489	-0.726	-0.956	-1.092	-1.069	-0.873	-0.547	-0.168
291	2.90	0.185	0.462	0.651	0.775	0.864	0.937	0.991	1.008	0.970	0.875
301	3.00	0.734	0.569	0.390	0.189	-0.052	-0.343	-0.663	-0.951	-1.122	-1.094
311	3.10	-0.835	-0.384	0.155	0.646	0.971	1.084	1.017	0.869	0.750	0.732
321	3.20	0.815	0.931	0.978	0.872	0.592	0.185	-0.247	-0.598	-0.799	-0.839
331	3.30	-0.759	-0.628	-0.498	-0.386	-0.271	-0.113	0.116	0.407	0.709	0.948
341	3.40	1.050	0.977	0.738	0.393	0.028	-0.268	-0.433	-0.443	-0.318	-0.107
351	3.50	0.129	0.335	0.477	0.542	0.539	0.487	0.403	0.297	0.171	0.023
361	3.60	-0.143	-0.309	-0.446	-0.520	-0.510	-0.411	-0.249	-0.070	0.080	0.165
371	3.70	0.182	0.155	0.130	0.151	0.241	0.397	0.586	0.764	0.895	0.959
381	3.80	0.960	0.916	0.846	0.763	0.667	0.546	0.390	0.193	-0.043	-0.304
391	3.90	-0.571	-0.817	-1.006	-1.098	-1.047	-0.816	-0.397	0.182	0.841	1.465
401	4.00	1.925	2.122	2.011	1.628	1.072	0.477	-0.032	-0.383	-0.571	-0.651
411	4.10	-0.701	-0.784	-0.906	-1.020	-1.043	-0.899	-0.567	-0.097	0.397	0.780
421	4.20	0.952	0.888	0.653	0.367	0.153	0.073	0.099	0.127	0.031	-0.264
431	4.30	-0.723	-1.195	-1.468	-1.357	-0.796	0.114	1.122	1.918	2.246	2.009
441	4.40	1.300	0.366	-0.501	-1.079	-1.299	-1.251	-1.125	-1.109	-1.294	-1.633
451	4.50	-1.969	-2.114	-1.938	-1.432	-0.708	0.049	0.658	1.010	1.093	0.981
461	4.60	0.780	0.583	0.440	0.350	0.293	0.244	0.194	0.143	0.087	0.011
471	4.70	-0.113	-0.301	-0.542	-0.786	-0.958	-0.992	-0.865	-0.617	-0.345	-0.162
481	4.80	-0.147	-0.309	-0.575	-0.820	-0.923	-0.815	-0.513	-0.110	0.266	0.510
491	4.90	0.577	0.495	0.342	0.194	0.090	0.006	-0.122	-0.360	-0.725	-1.162

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

INDEX NO. 2009 104-GR-1-70 HA. (HA.) SHINTONEGAWA BR. MAX. ACC. = 42.528 (GAL) T= 14.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.549	-1.744	-1.646	-1.240	-0.614	0.069	0.638	0.983	1.089	1.039
511	5.10	0.963	0.967	1.077	1.224	1.285	1.149	0.789	0.296	-0.152	-0.368
521	5.20	-0.247	0.169	0.696	1.080	1.108	0.712	0.005	-0.763	-1.305	-1.429
531	5.30	-1.118	-0.530	0.075	0.463	0.524	0.320	0.038	-0.109	0.007	0.367
541	5.40	0.820	1.159	1.235	1.026	0.651	0.308	0.172	0.304	0.617	0.906
551	5.50	0.943	0.577	-0.193	-1.213	-2.222	-2.947	-3.192	-2.895	-2.137	-1.104
561	5.60	-0.023	0.905	1.551	1.881	1.950	1.865	1.743	1.665	1.642	1.612
571	5.70	1.462	1.079	0.409	-0.508	-1.524	-2.428	-3.009	-3.132	-2.787	-2.085
581	5.80	-1.217	-0.380	0.288	0.739	1.002	1.137	1.192	1.169	1.040	0.780
591	5.90	0.405	-0.005	-0.337	-0.482	-0.399	-0.135	0.182	0.399	0.403	0.170
601	6.00	-0.223	-0.635	-0.918	-0.980	-0.815	-0.493	-0.126	0.185	0.382	0.460
611	6.10	0.453	0.403	0.341	0.274	0.194	0.092	-0.035	-0.175	-0.311	-0.424
621	6.20	-0.495	-0.507	-0.437	-0.269	0.003	0.351	0.712	0.989	1.083	0.929
631	6.30	0.530	-0.034	-0.621	-1.071	-1.263	-1.153	-0.786	-0.275	0.242	0.654
641	6.40	0.905	1.000	0.990	0.937	0.890	0.870	0.862	0.828	0.715	0.467
651	6.50	0.041	-0.577	-1.345	-2.152	-2.826	-3.164	-3.001	-2.276	-1.083	0.326
661	6.60	1.610	2.447	2.648	2.229	1.408	0.509	-0.168	-0.479	-0.482	-0.396
671	6.70	-0.478	-0.869	-1.509	-2.132	-2.391	-2.022	-0.996	0.435	1.818	2.684
681	6.80	2.754	2.065	0.969	-0.020	-0.448	-0.128	0.779	1.830	2.497	2.403
691	6.90	1.488	0.036	-1.445	-2.437	-2.622	-1.996	-0.848	0.377	1.271	1.613
701	7.00	1.428	0.932	0.415	0.104	0.086	0.303	0.609	0.854	0.950	0.891
711	7.10	0.727	0.522	0.321	0.136	-0.041	-0.214	-0.374	-0.500	-0.579	-0.617
721	7.20	-0.641	-0.674	-0.719	-0.736	-0.661	-0.435	-0.052	0.420	0.848	1.079
731	7.30	1.008	0.627	0.042	-0.569	-1.028	-1.229	-1.186	-1.018	-0.887	-0.912
741	7.40	-1.103	-1.349	-1.456	-1.247	-0.646	0.265	1.255	2.027	2.325	2.038
751	7.50	1.250	0.213	-0.739	-1.310	-1.348	-0.893	-0.151	0.587	1.057	1.120
761	7.60	0.805	0.286	-0.197	-0.433	-0.328	0.059	0.548	0.906	0.954	0.641
771	7.70	0.077	-0.505	-0.835	-0.722	-0.139	0.737	1.581	2.026	1.813	0.906
781	7.80	-0.465	-1.865	-2.799	-2.893	-2.050	-0.503	1.257	2.646	3.204	2.761
791	7.90	1.495	-0.143	-1.608	-2.460	-2.520	-1.900	-0.919	0.054	0.757	1.121
801	8.00	1.254	1.341	1.519	1.790	2.018	1.999	1.575	0.721	-0.434	-1.653
811	8.10	-2.691	-3.377	-3.656	-3.571	-3.207	-2.629	-1.866	-0.930	0.134	1.217
821	8.20	2.145	2.733	2.857	2.505	1.784	0.867	-0.076	-0.942	-1.709	-2.391
831	8.30	-2.975	-3.379	-3.461	-3.088	-2.231	-1.025	0.241	1.224	1.662	1.498
841	8.40	0.910	0.240	-0.157	-0.079	0.435	1.127	1.646	1.724	1.304	0.573
851	8.50	-0.130	-0.476	-0.307	0.289	1.018	1.514	1.513	0.971	0.092	-0.761
861	8.60	-1.218	-1.062	-0.314	0.764	1.770	2.304	2.109	1.159	-0.326	-1.950
871	8.70	-3.254	-3.850	-3.536	-2.354	-0.590	1.311	2.864	3.692	3.634	2.789
881	8.80	1.471	0.095	-0.971	-1.527	-1.591	-1.361	-1.110	-1.053	-1.259	-1.631
891	8.90	-1.966	-2.056	-1.792	-1.207	-0.462	0.244	0.756	1.032	1.146	1.232
901	9.00	1.406	1.694	2.009	2.187	2.057	1.524	0.615	-0.515	-1.638	-2.526
911	9.10	-3.024	-3.092	-2.804	-2.299	-1.721	-1.165	-0.649	-0.123	0.481	1.199
921	9.20	1.987	2.720	3.225	3.343	3.003	2.259	1.284	0.313	-0.443	-0.871
931	9.30	-0.994	-0.942	-0.877	-0.912	-1.047	-1.172	-1.131	-0.807	-0.199	0.562
941	9.40	1.263	1.701	1.774	1.523	1.104	0.697	0.418	0.261	0.118	-0.144
951	9.50	-0.576	-1.094	-1.488	-1.519	-1.048	-0.130	0.970	1.864	2.197	1.791
961	9.60	0.736	-0.646	-1.919	-2.705	-2.817	-2.311	-1.438	-0.523	0.165	0.508
971	9.70	0.547	0.434	0.345	0.403	0.638	1.003	1.408	1.769	2.035	2.196
981	9.80	2.263	2.256	2.188	2.061	1.874	1.625	1.316	0.955	0.557	0.146
991	9.90	-0.245	-0.577	-0.816	-0.951	-0.994	-0.981	-0.950	-0.918	-0.866	-0.747

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

INDEX NO. 2009 104-GR-1-70 HA. (HA.) SHINTONEGAWA BR. MAX. ACC. = 42.528 (GAL) T= 14.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.509	-0.135	0.331	0.785	1.095	1.154	0.925	0.457	-0.136	-0.726
1011	10.10	-1.221	-1.592	-1.853	-2.027	-2.100	-2.011	-1.688	-1.106	-0.344	0.412
1021	10.20	0.920	0.985	0.562	-0.193	-0.960	-1.372	-1.168	-0.309	0.988	2.327
1031	10.30	3.275	3.525	2.997	1.845	0.378	-1.066	-2.234	-3.005	-3.375	-3.397
1041	10.40	-3.117	-2.556	-1.728	-0.693	0.409	1.365	1.949	2.007	1.539	0.711
1051	10.50	-0.187	-0.846	-1.053	-0.767	-0.128	0.607	1.169	1.380	1.214	0.785
1061	10.60	0.289	-0.090	-0.259	-0.241	-0.152	-0.138	-0.290	-0.601	-0.959	-1.202
1071	10.70	-1.195	-0.904	-0.429	0.023	0.225	0.032	-0.535	-1.270	-1.849	-1.949
1081	10.80	-1.392	-0.239	1.202	2.476	3.141	2.948	1.944	0.475	-0.937	-1.788
1091	10.90	-1.778	-0.929	0.432	1.800	2.688	2.810	2.179	1.087	-0.030	-0.765
1101	11.00	-0.902	-0.479	0.241	0.901	1.195	0.990	0.356	-0.483	-1.264	-1.802
1111	11.10	-2.057	-2.124	-2.163	-2.289	-2.500	-2.660	-2.558	-2.014	-0.979	0.410
1121	11.20	1.862	3.026	3.608	3.475	2.690	1.470	0.098	-1.173	-2.191	-2.911
1131	11.30	-3.361	-3.587	-3.612	-3.436	-3.055	-2.496	-1.829	-1.151	-0.544	-0.037
1141	11.40	0.405	0.847	1.330	1.819	2.183	2.245	1.851	0.968	-0.278	-1.620
1151	11.50	-2.727	-3.320	-3.262	-2.594	-1.507	-0.260	0.904	1.817	2.401	2.647
1161	11.60	2.583	2.256	1.736	1.130	0.580	0.236	0.202	0.479	0.940	1.368
1171	11.70	1.534	1.302	0.703	-0.064	-0.702	-0.943	-0.661	0.062	0.972	1.741
1181	11.80	2.108	1.975	1.440	0.736	0.124	-0.224	-0.285	-0.172	-0.057	-0.076
1191	11.90	-0.256	-0.502	-0.647	-0.541	-0.129	0.513	1.204	1.727	1.915	1.712
1201	12.00	1.185	0.488	-0.204	-0.764	-1.144	-1.373	-1.524	-1.664	-1.826	-2.003
1211	12.10	-2.168	-2.295	-2.379	-2.422	-2.408	-2.283	-1.952	-1.317	-0.339	0.908
1221	12.20	2.213	3.273	3.788	3.586	2.698	1.395	0.081	-0.843	-1.140	-0.838
1231	12.30	-0.220	0.298	0.349	-0.217	-1.250	-2.349	-3.013	-2.847	-1.716	0.192
1241	12.40	2.435	4.473	5.852	6.339	5.964	4.966	3.681	2.415	1.364	0.591
1251	12.50	0.058	-0.319	-0.611	-0.868	-1.021	-1.096	-1.036	-0.823	-0.469	-0.016
1261	12.60	0.460	0.858	1.069	0.997	0.593	-0.121	-1.039	-1.993	-2.784	-3.239
1271	12.70	-3.250	-2.807	-1.996	-0.971	0.077	0.967	1.557	1.764	1.574	1.044
1281	12.80	0.287	-0.540	-1.265	-1.730	-1.827	-1.516	-0.835	0.116	1.197	2.270
1291	12.90	3.220	3.985	4.551	4.939	5.182	5.295	5.260	5.013	4.466	3.539
1301	13.00	2.200	0.504	-1.394	-3.258	-4.820	-5.845	-6.195	-5.859	-4.944	-3.632
1311	13.10	-2.124	-0.593	0.831	2.051	2.973	3.495	3.526	3.027	2.064	0.831
1321	13.20	-0.378	-1.250	-1.554	-1.222	-0.372	0.748	1.869	2.806	3.527	4.125
1331	13.30	4.741	5.444	6.158	6.667	6.697	6.055	4.740	2.984	1.192	-0.201
1341	13.40	-0.883	-0.776	-0.054	0.939	1.825	2.321	2.315	1.850	1.058	0.061
1351	13.50	-1.088	-2.417	-3.998	-5.885	-8.065	-10.451	-12.905	-15.263	-17.356	-18.995
1361	13.60	-19.940	-19.892	-18.543	-15.678	-11.318	-5.836	0.031	5.301	8.986	10.384
1371	13.70	9.301	6.105	1.590	-3.325	-7.914	-11.857	-15.231	-18.286	-21.103	-23.322
1381	13.80	-24.094	-22.329	-17.176	-8.520	2.715	14.662	25.003	31.697	33.673	31.168
1391	13.90	25.585	18.897	12.846	8.298	5.024	1.997	-1.912	-7.192	-13.252	-18.495
1401	14.00	-20.928	-19.022	-12.462	-2.430	8.712	18.234	23.999	25.189	22.486	17.674
1411	14.10	12.837	9.522	8.214	8.315	8.603	7.925	5.790	2.611	-0.497	-2.259
1421	14.20	-1.841	0.738	4.579	8.249	10.332	9.960	7.087	2.433	-2.879	-7.788
1431	14.30	-11.688	-14.580	-16.942	-19.392	-22.312	-25.576	-28.508	-30.086	-29.296	-25.525
1441	14.40	-18.831	-10.012	-0.431	8.323	14.866	18.275	18.472	16.003	11.916	7.409
1451	14.50	3.491	0.742	-0.751	-1.280	-1.281	-1.081	-0.728	0.013	1.514	4.033
1461	14.60	7.487	11.348	14.728	16.633	16.295	13.453	8.461	2.188	-4.260	-9.877
1471	14.70	-14.007	-16.433	-17.253	-16.661	-14.715	-11.248	-5.966	1.311	10.362	20.399
1481	14.80	30.101	37.886	42.319	42.528	38.457	30.878	21.152	10.841	1.304	-6.594
1491	14.90	-12.560	-16.768	-19.618	-21.473	-22.469	-22.471	-21.166	-18.258	-13.692	-7.817

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

INDEX NO. 2009 104-GR-1-70 HA. (HA.) SHINTONEGAWA BR. MAX. ACC. = 42.528 (GAL) T= 14.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.422	4.385	8.437	9.837	8.245	4.033	-1.779	-7.799	-12.664	-15.450
1511	15.10	-15.915	-14.506	-12.106	-9.637	-7.676	-6.246	-4.880	-2.908	0.148	4.262
1521	15.20	8.813	12.772	15.081	15.061	12.678	8.561	3.764	-0.611	-3.775	-5.456
1531	15.30	-5.879	-5.576	-5.111	-4.858	-4.898	-5.062	-5.059	-4.620	-3.596	-1.983
1541	15.40	0.100	2.450	4.813	6.900	8.404	9.053	8.681	7.305	5.176	2.752
1551	15.50	0.586	-0.830	-1.226	-0.653	0.523	1.731	2.373	2.003	0.462	-2.089
1561	15.60	-5.225	-8.378	-10.986	-12.619	-13.050	-12.267	-10.434	-7.819	-4.732	-1.470
1571	15.70	1.697	4.523	6.781	8.266	8.827	8.418	7.149	5.296	3.264	1.490
1581	15.80	0.323	-0.090	0.158	0.770	1.361	1.597	1.316	0.557	-0.482	-1.556
1591	15.90	-2.484	-3.210	-3.793	-4.322	-4.830	-5.224	-5.305	-4.849	-3.726	-1.996
1601	16.00	0.067	2.043	3.494	4.120	3.870	2.974	1.875	1.087	1.025	1.657
1611	16.10	3.445	5.370	7.069	8.017	7.905	6.750	4.881	2.806	1.000	-0.299
1621	16.20	-1.199	-2.096	-3.477	-5.638	-8.466	-11.378	-13.485	-13.922	-12.221	-8.554
1631	16.30	-3.733	1.060	4.705	6.560	6.687	5.777	4.817	4.644	5.585	7.333
1641	16.40	9.104	10.004	9.413	7.235	3.905	0.176	-3.199	-5.736	-7.333	-8.197
1651	16.50	-8.657	-8.965	-9.188	-9.231	-8.952	-8.280	-7.288	-6.155	-5.069	-4.118
1661	16.60	-3.248	-2.287	-1.053	0.548	2.454	4.463	6.304	7.734	8.609	8.899
1671	16.70	8.671	8.038	7.130	6.080	5.028	4.119	3.479	3.174	3.155	3.249
1681	16.80	3.178	2.636	1.388	-0.639	-3.317	-6.320	-9.184	-11.404	-12.522	-12.215
1691	16.90	-10.359	-7.061	-2.665	2.282	7.116	11.166	13.889	14.980	14.433	12.521
1701	17.00	9.708	6.526	3.447	0.800	-1.249	-2.667	-3.497	-3.807	-3.667	-3.154
1711	17.10	-2.378	-1.492	-0.688	-0.158	-0.052	-0.430	-1.249	-2.372	-3.606	-4.752
1721	17.20	-5.646	-6.184	-6.324	-6.062	-5.407	-4.356	-2.890	-1.001	1.265	3.764
1731	17.30	5.226	8.279	9.526	9.653	8.536	6.312	3.353	0.178	-2.697	-4.901
1741	17.40	-6.278	-6.884	-6.887	-6.457	-5.671	-4.504	-2.893	-0.835	1.529	3.907
1751	17.50	5.930	7.271	7.754	7.400	6.389	4.958	3.297	1.505	-0.395	-2.376
1761	17.60	-4.332	-6.062	-7.321	-7.927	-7.855	-7.262	-6.419	-5.578	-4.850	-4.150
1771	17.70	-3.266	-2.011	-0.378	1.374	2.780	3.354	2.813	1.242	-0.889	-2.875
1781	17.80	-4.040	-3.988	-2.749	-0.747	1.378	3.016	3.791	3.648	2.806	1.614
1791	17.90	0.408	-0.586	-1.258	-1.562	-1.463	-0.920	0.068	1.391	2.782	3.841
1801	18.00	4.149	3.422	1.649	-0.852	-3.503	-5.636	-6.703	-6.448	-4.979	-2.705
1811	18.10	-0.187	2.059	3.711	4.706	5.201	5.460	5.717	6.068	6.442	6.637
1821	18.20	6.419	5.629	4.258	2.454	0.478	-1.395	-2.974	-4.206	-5.175	-6.038
1831	18.30	-6.923	-7.846	-8.671	-9.149	-9.009	-8.080	-6.378	-4.126	-1.688	0.549
1841	18.40	2.311	3.527	4.331	4.986	5.755	6.771	7.967	9.092	9.808	9.820
1851	18.50	9.009	7.487	5.582	3.735	2.360	1.708	1.781	2.325	2.896	2.995
1861	18.60	2.222	0.403	-2.329	-5.551	-8.639	-10.930	-11.898	-11.300	-9.247	-6.168
1871	18.70	-2.692	0.539	3.036	4.578	5.230	5.264	5.021	4.763	4.582	4.380
1881	18.80	3.935	3.017	1.503	-0.539	-2.848	-5.021	-6.620	-7.292	-6.860	-5.378
1891	18.90	-3.120	-0.523	1.908	3.708	4.550	4.307	3.077	1.137	-1.125	-3.316
1901	19.00	-5.121	-6.360	-6.992	-7.070	-6.684	-5.890	-4.691	-3.048	-0.937	1.586
1911	19.10	4.332	6.983	9.136	10.406	10.537	9.493	7.494	4.976	2.485	0.539
1921	19.20	-0.516	-0.588	0.154	1.354	2.600	3.558	4.070	4.160	3.975	3.673
1931	19.30	3.312	2.809	1.977	0.628	-1.296	-3.644	-6.059	-8.073	-9.265	-9.401
1941	19.40	-8.499	-6.801	-4.657	-2.386	-0.190	1.855	3.725	5.339	6.492	6.874
1951	19.50	6.177	4.252	1.224	-2.480	-6.225	-9.352	-11.370	-12.076	-11.568	-10.144
1961	19.60	-8.149	-5.847	-3.371	-0.766	1.917	4.529	6.788	8.333	8.842	8.155
1971	19.70	6.356	3.776	0.914	-1.693	-3.599	-4.539	-4.466	-3.519	-1.958	-0.076
1981	19.80	1.873	3.719	5.390	6.871	8.154	9.170	9.760	9.693	8.738	6.778
1991	19.90	3.901	0.443	-3.066	-6.048	-8.039	-8.838	-8.545	-7.490	-6.081	-4.632

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

INDEX NO. 2009 104-GR-1-70 HA. (HA.) SHINTONEGAWA BR. MAX. ACC. = 42.528 (GAL) T= 14.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.271	-1.946	-0.533	1.022	2.606	3.945	4.708	4.658	3.772	2.258
2011	20.10	0.470	-1.240	-2.657	-3.747	-4.604	-5.324	-5.895	-6.166	-5.915	-4.984
2021	20.20	-3.406	-1.441	0.497	1.993	2.791	2.873	2.414	1.656	0.756	-0.291
2031	20.30	-1.618	-3.353	-5.461	-7.659	-9.456	-10.309	-9.849	-8.030	-5.167	-1.838
2041	20.40	1.321	3.822	5.443	6.236	6.429	6.288	6.013	5.693	5.334	4.914
2051	20.50	4.427	3.892	3.361	2.795	2.270	1.806	1.487	1.447	1.810	2.620
2061	20.60	3.762	4.969	5.794	5.941	5.210	3.686	1.698	-0.298	-1.891	-2.859
2071	20.70	-3.227	-3.218	-3.116	-3.129	-3.303	-3.528	-3.618	-3.420	-2.882	-2.066
2081	20.80	-1.099	-0.095	0.878	1.796	2.622	3.248	3.481	3.090	1.907	-0.074
2091	20.90	-2.633	-5.356	-7.741	-9.346	-9.919	-9.462	-8.199	-6.482	-4.667	-3.006
2101	21.00	-1.604	-0.434	0.600	1.583	2.535	3.379	3.971	4.155	3.840	3.068
2111	21.10	2.046	1.128	0.726	1.179	2.615	4.849	7.383	9.509	10.511	9.898
2121	21.20	7.579	3.921	-0.348	-4.355	-7.348	-8.904	-9.017	-8.030	-6.459	-4.785
2131	21.30	-3.295	-2.036	-0.871	0.381	1.821	3.391	4.884	6.018	6.545	6.334
2141	21.40	5.408	3.930	2.145	0.316	-1.322	-2.595	-3.401	-3.706	-3.542	-3.001
2151	21.50	-2.215	-1.342	-0.531	0.105	0.501	0.653	0.604	0.429	0.216	0.055
2161	21.60	0.015	0.140	0.436	0.864	1.353	1.812	2.169	2.387	2.484	2.513
2171	21.70	2.541	2.606	2.698	2.769	2.752	2.607	2.340	2.002	1.658	1.350
2181	21.80	1.065	0.750	0.342	-0.180	-0.770	-1.319	-1.707	-1.868	-1.831	-1.719
2191	21.90	-1.689	-1.851	-2.202	-2.604	-2.833	-2.671	-2.001	-0.851	0.612	2.150
2201	22.00	3.540	4.630	5.354	5.702	5.686	5.311	4.611	3.675	2.675	1.844
2211	22.10	1.390	1.391	1.707	1.990	1.789	0.734	-1.275	-3.980	-6.803	-9.038
2221	22.20	-10.108	-9.785	-8.282	-6.171	-4.158	-2.806	-2.328	-2.522	-2.881	-2.823
2231	22.30	-1.944	-0.203	2.050	4.189	5.535	5.595	4.244	1.770	-1.205	-3.917
2241	22.40	-5.688	-6.132	-5.258	-3.464	-1.400	0.240	0.941	0.522	-0.807	-2.535
2251	22.50	-4.030	-4.753	-4.438	-3.162	-1.283	0.702	2.347	3.399	3.845	3.859
2261	22.60	3.687	3.514	3.390	3.228	2.870	2.183	1.136	-0.166	-1.513	-2.650
2271	22.70	-3.347	-3.456	-2.933	-1.845	-0.363	1.258	2.710	3.676	3.905	3.281
2281	22.80	1.879	-0.030	-2.043	-3.739	-4.810	-5.154	-4.891	-4.300	-3.684	-3.236
2291	22.90	-2.961	-2.680	-2.125	-1.082	0.687	2.391	4.252	5.631	6.176	5.743
2301	23.00	4.445	2.601	0.630	-1.086	-2.305	-2.973	-3.192	-3.147	-3.014	-2.885
2311	23.10	-2.746	-2.499	-2.016	-1.213	-0.091	1.240	2.590	3.744	4.525	4.844
2321	23.20	4.725	4.281	3.678	3.075	2.575	2.203	1.911	1.607	1.199	0.624
2331	23.30	-0.126	-1.005	-1.922	-2.764	-3.408	-3.744	-3.689	-3.208	-2.327	-1.145
2341	23.40	0.176	1.441	2.464	3.116	3.358	3.244	2.890	2.425	1.942	1.469
2351	23.50	0.973	0.405	-0.258	-0.969	-1.611	-2.031	-2.101	-1.778	-1.128	-0.313
2361	23.60	0.461	1.021	1.283	1.273	1.104	0.915	0.811	0.819	0.888	0.917
2371	23.70	0.817	0.549	0.152	-0.282	-0.640	-0.842	-0.867	-0.751	-0.560	-0.345
2381	23.80	-0.115	0.173	0.589	1.189	1.966	2.841	3.671	4.297	4.601	4.547
2391	23.90	4.195	3.664	3.077	2.497	1.889	1.138	0.104	-1.290	-2.984	-4.757
2401	24.00	-6.267	-7.155	-7.183	-6.339	-4.879	-3.267	-2.027	-1.558	-1.976	-3.047
2411	24.10	-4.253	-4.961	-4.657	-3.145	-0.649	2.246	4.777	6.257	6.312	4.996
2421	24.20	2.763	0.288	-1.773	-3.006	-3.351	-3.068	-2.584	-2.285	-2.345	-2.668
2431	24.30	-2.946	-2.816	-2.036	-0.600	1.252	3.122	4.609	5.450	5.597	5.196
2441	24.40	4.500	3.758	3.125	2.637	2.246	1.882	1.509	1.145	0.838	0.629
2451	24.50	0.516	0.452	0.372	0.235	0.049	-0.138	-0.269	-0.334	-0.383	-0.524
2461	24.60	-0.869	-1.472	-2.290	-3.179	-3.950	-4.425	-4.509	-4.199	-3.568	-2.704
2471	24.70	-1.676	-0.510	0.780	2.145	3.468	4.565	5.243	5.375	4.963	4.153
2481	24.80	3.177	2.253	1.488	0.830	0.095	-0.927	-2.348	-4.091	-5.880	-7.324
2491	24.90	-8.063	-7.911	-6.935	-5.431	-3.809	-2.436	-1.498	-0.941	-0.517	0.087

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

INDEX NO. 2009 104-GR-1-70 HA. (HA.) SHINTONEGAWA BR. MAX. ACC. = 42.528 (GAL) T= 14.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.097	2.527	4.148	5.546	6.263	5.955	4.518	2.133	-0.778	-3.673
2511	25.10	-6.040	-7.524	-7.998	-7.552	-6.424	-4.902	-3.237	-1.598	-0.078	1.271
2521	25.20	2.388	3.190	3.585	3.519	3.023	2.229	1.345	0.597	0.148	0.055
2531	25.30	0.270	0.690	1.225	1.854	2.629	3.624	4.853	6.200	7.413	8.165
2541	25.40	8.167	7.292	5.641	3.528	1.381	-0.403	-1.581	-2.115	-2.146	-1.895
2551	25.50	-1.552	-1.209	-0.845	-0.385	0.220	0.939	1.648	2.174	2.368	2.167
2561	25.60	1.613	0.834	-0.012	-0.792	-1.426	-1.891	-2.190	-2.331	-2.312	-2.132
2571	25.70	-1.810	-1.399	-0.978	-0.627	-0.392	-0.263	-0.182	-0.072	0.127	0.419
2581	25.80	0.749	1.030	1.172	1.128	0.900	0.539	0.115	-0.310	-0.692	-1.007
2591	25.90	-1.239	-1.367	-1.369	-1.230	-0.966	-0.628	-0.297	-0.059	0.027	-0.051
2601	26.00	-0.252	-0.506	-0.738	-0.910	-1.027	-1.132	-1.282	-1.517	-1.833	-2.177
2611	26.10	-2.464	-2.600	-2.514	-2.184	-1.651	-1.011	-0.401	0.031	0.164	-0.066
2621	26.20	-0.648	-1.488	-2.430	-3.297	-3.934	-4.252	-4.243	-3.977	-3.570	-3.142
2631	26.30	-2.776	-2.498	-2.280	-2.062	-1.782	-1.399	-0.914	-0.357	0.223	0.780
2641	26.40	1.286	1.738	2.152	2.557	2.974	3.407	3.830	4.194	4.427	4.463
2651	26.50	4.256	3.804	3.156	2.402	1.651	1.002	0.511	0.186	-0.011	-0.132
2661	26.60	-0.213	-0.245	-0.172	0.091	0.623	1.453	2.534	3.729	4.843	5.656
2671	26.70	5.986	5.733	4.907	3.631	2.108	0.575	-0.756	-1.745	-2.346	-2.599
2681	26.80	-2.599	-2.452	-2.236	-1.987	-1.712	-1.417	-1.138	-0.946	-0.930	-1.151
2691	26.90	-1.604	-2.192	-2.756	-3.128	-3.207	-3.004	-2.644	-2.308	-2.144	-2.191
2701	27.00	-2.343	-2.391	-2.116	-1.385	-0.226	1.179	2.574	3.735	4.564	5.123
2711	27.10	5.578	6.097	6.743	7.414	7.866	7.813	7.046	5.534	3.454	1.140
2721	27.20	-1.029	-2.738	-3.819	-4.263	-4.179	-3.726	-3.041	-2.210	-1.262	-0.206
2731	27.30	0.966	2.148	3.313	4.319	5.019	5.263	4.922	3.921	2.278	0.123
2741	27.40	-2.300	-4.671	-6.669	-8.047	-8.701	-8.683	-8.166	-7.370	-6.482	-5.603
2751	27.50	-4.745	-3.875	-2.968	-2.054	-1.214	-0.544	-0.093	0.174	0.376	0.667
2761	27.60	1.166	1.889	2.741	3.546	4.122	4.358	4.253	3.903	3.446	2.990
2771	27.70	2.566	2.126	1.584	0.879	0.021	-0.897	-1.738	-2.378	-2.764	-2.930
2781	27.80	-2.975	-3.005	-3.081	-3.187	-3.243	-3.152	-2.860	-2.386	-1.820	-1.280
2791	27.90	-0.847	-0.517	-0.196	0.259	0.965	1.938	3.053	4.062	4.667	4.622
2801	28.00	3.830	2.381	0.529	-1.389	-3.067	-4.323	-5.134	-5.611	-5.918	-6.172
2811	28.10	-6.377	-6.423	-6.133	-5.367	-4.102	-2.475	-0.751	0.768	1.853	2.441
2821	28.20	2.646	2.715	2.917	3.435	4.295	5.357	6.379	7.113	7.388	7.154
2831	28.30	6.477	5.484	4.308	3.048	1.765	0.509	-0.656	-1.642	-2.350	-2.716
2841	28.40	-2.739	-2.492	-2.100	-1.680	-1.293	-0.917	-0.465	0.163	1.007	2.009
2851	28.50	3.009	3.792	4.167	4.035	3.431	2.506	1.471	0.530	-0.182	-0.623
2861	28.60	-0.829	-0.878	-0.845	-0.782	-0.710	-0.640	-0.592	-0.606	-0.736	-1.030
2871	28.70	-1.504	-2.118	-2.777	-3.335	-3.633	-3.537	-2.976	-1.973	-0.651	0.788
2881	28.80	2.108	3.103	3.651	3.750	3.506	3.089	2.657	2.296	1.987	1.631
2891	28.90	1.112	0.382	-0.486	-1.296	-1.796	-1.781	-1.196	-0.178	0.963	1.854
2901	29.00	2.183	1.815	0.832	-0.503	-1.856	-2.938	-3.596	-3.842	-3.807	-3.659
2911	29.10	-3.517	-3.406	-3.257	-2.957	-2.411	-1.596	-0.584	0.477	1.402	2.021
2921	29.20	2.228	2.004	1.425	0.646	-0.140	-0.748	-1.058	-1.055	-0.840	-0.604
2931	29.30	-0.559	-0.860	-1.539	-2.477	-3.439	-4.154	-4.409	-4.130	-3.394	-2.396
2941	29.40	-1.360	-0.452	0.273	0.870	1.450	2.110	2.871	3.665	4.362	4.837
2951	29.50	5.017	4.917	4.620	4.236	3.854	3.505	3.168	2.790	2.330	1.775
2961	29.60	1.146	0.482	-0.186	-0.846	-1.499	-2.140	-2.732	-3.199	-3.441	-3.371
2971	29.70	-2.954	-2.236	-1.349	-0.477	0.195	0.539	0.516	0.194	-0.284	-0.745
2981	29.80	-1.037	-1.073	-0.849	-0.433	0.064	0.531	0.888	1.105	1.195	1.192
2991	29.90	1.129	1.018	0.848	0.607	0.297	-0.047	-0.362	-0.579	-0.650	-0.578

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

INDEX NO. 2009 104-GR-1-70 HA. (HA.) SHINTONEGAWA BR. MAX. ACC. = 42.528 (GAL) T= 14.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.403	-0.203	-0.024	0.139	0.355	0.733	1.360	2.246	3.283	4.259
3011	30.10	4.926	5.085	4.664	3.750	2.556	1.336	0.290	-0.512	-1.132	-1.712
3021	30.20	-2.382	-3.167	-3.950	-4.501	-4.565	-3.970	-2.709	-0.967	0.935	2.631
3031	30.30	3.825	4.363	4.256	3.638	2.696	1.593	0.427	-0.768	-1.987	-3.208
3041	30.40	-4.356	-5.291	-5.862	-5.937	-5.466	-4.507	-3.220	-1.829	-0.564	0.394
3051	30.50	0.943	1.071	0.835	0.326	-0.358	-1.129	-1.910	-2.621	-3.169	-3.449
3061	30.60	-3.362	-2.852	-1.934	-0.710	0.645	1.922	2.942	3.602	3.901	3.931
3071	30.70	3.825	3.702	3.617	3.544	3.402	3.105	2.615	1.976	1.306	0.751
3081	30.80	0.428	0.378	0.546	0.810	1.031	1.112	1.027	0.824	0.582	0.368
3091	30.90	0.195	0.024	-0.219	-0.590	-1.096	-1.679	-2.245	-2.700	-2.999	-3.162
3101	31.00	-3.259	-3.372	-3.540	-3.741	-3.890	-3.888	-3.666	-3.231	-2.669	-2.110
3111	31.10	-1.678	-1.429	-1.331	-1.276	-1.129	-0.785	-0.217	0.523	1.329	2.092
3121	31.20	2.750	3.308	3.826	4.375	4.996	5.663	6.292	6.760	6.961	6.835
3131	31.30	6.391	5.697	4.848	3.931	3.007	2.101	1.222	0.382	-0.394	-1.066
3141	31.40	-1.600	-1.982	-2.239	-2.425	-2.604	-2.822	-3.084	-3.348	-3.549	-3.623
3151	31.50	-3.542	-3.321	-3.013	-2.673	-2.335	-1.991	-1.601	-1.128	-0.580	-0.034
3161	31.60	0.372	0.476	0.163	-0.580	-1.639	-2.788	-3.762	-4.338	-4.403	-3.985
3171	31.70	-3.228	-2.326	-1.449	-0.693	-0.064	0.482	0.997	1.486	1.896	2.141
3181	31.80	2.146	1.892	1.440	0.914	0.451	0.150	0.038	0.068	0.160	0.246
3191	31.90	0.315	0.415	0.630	1.019	1.570	2.173	2.640	2.769	2.418	1.563
3201	32.00	0.325	-1.069	-2.348	-3.292	-3.787	-3.855	-3.623	-3.261	-2.909	-2.622
3211	32.10	-2.357	-2.006	-1.456	-0.650	0.375	1.486	2.497	3.225	3.549	3.444
3221	32.20	2.974	2.262	1.445	0.638	-0.083	-0.676	-1.112	-1.359	-1.382	-1.154
3231	32.30	-0.682	-0.024	0.709	1.373	1.829	1.984	1.820	1.400	0.854	0.342
3241	32.40	0.014	-0.025	0.254	0.805	1.513	2.220	2.770	3.039	2.978	2.621
3251	32.50	2.076	1.486	0.984	0.642	0.452	0.333	0.173	-0.113	-0.535	-1.015
3261	32.60	-1.404	-1.539	-1.302	-0.670	0.271	1.355	2.385	3.191	3.674	3.821
3271	32.70	3.692	3.389	3.023	2.682	2.415	2.232	2.107	1.996	1.850	1.634
3281	32.80	1.333	0.953	0.512	0.022	-0.526	-1.163	-1.924	-2.824	-3.820	-4.806
3291	32.90	-5.621	-6.099	-6.129	-5.699	-4.916	-3.965	-3.049	-2.306	-1.760	-1.328
3301	33.00	-0.861	-0.234	0.589	1.525	2.392	2.984	3.149	2.849	2.172	1.289
3311	33.10	0.391	-0.383	-0.976	-1.413	-1.761	-2.079	-2.379	-2.620	-2.721	-2.603
3321	33.20	-2.223	-1.593	-0.784	0.092	0.914	1.577	2.015	2.204	2.163	1.936
3331	33.30	1.573	1.115	0.585	-0.008	-0.658	-1.340	-1.998	-2.547	-2.890	-2.949
3341	33.40	-2.696	-2.174	-1.489	-0.788	-0.215	0.126	0.192	0.008	-0.359	-0.813
3351	33.50	-1.263	-1.630	-1.856	-1.908	-1.783	-1.508	-1.141	-0.760	-0.433	-0.198
3361	33.60	-0.038	0.112	0.334	0.690	1.181	1.730	2.206	2.472	2.442	2.120
3371	33.70	1.601	1.040	0.592	0.364	0.387	0.633	1.042	1.560	2.152	2.791
3381	33.80	3.429	3.978	4.306	4.279	3.806	2.896	1.668	0.335	-0.864	-1.732
3391	33.90	-2.167	-2.184	-1.888	-1.422	-0.921	-0.471	-0.111	0.163	0.366	0.513
3401	34.00	0.614	0.674	0.700	0.695	0.652	0.546	0.340	-0.000	-0.485	-1.081
3411	34.10	-1.711	-2.279	-2.699	-2.933	-3.002	-2.969	-2.913	-2.882	-2.873	-2.834
3421	34.20	-2.692	-2.396	-1.943	-1.389	-0.823	-0.334	0.024	0.250	0.381	0.466
3431	34.30	0.537	0.593	0.607	0.556	0.438	0.295	0.198	0.220	0.402	0.735
3441	34.40	1.157	1.580	1.921	2.137	2.231	2.248	2.246	2.273	2.355	2.692
3451	34.50	2.677	2.908	3.197	3.565	4.019	4.537	5.055	5.482	5.716	5.687
3461	34.60	5.370	4.802	4.060	3.235	2.397	1.570	0.738	-0.144	-1.113	-2.172
3471	34.70	-3.272	-4.326	-5.232	-5.909	-6.326	-6.507	-6.513	-6.408	-6.227	-5.950
3481	34.80	-5.515	-4.851	-3.920	-2.757	-1.484	-0.284	0.646	1.158	1.199	0.826
3491	34.90	0.183	-0.545	-1.191	-1.646	-1.870	-1.881	-1.730	-1.474	-1.164	-0.851

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

INDEX NO. 2009 104-GR-1-70 HA. (HA.) SHINTONEGAWA BR. MAX. ACC. = 42.528 (GAL) T= 14.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.586	-0.428	-0.425	-0.595	-0.907	-1.280	-1.608	-1.804	-1.838	-1.755
3511	35.10	-1.653	-1.628	-1.715	-1.849	-1.872	-1.592	-0.869	0.306	1.785	3.298
3521	35.20	4.537	5.270	5.418	5.073	4.453	3.805	3.311	3.028	2.883	2.729
3531	35.30	2.427	1.909	1.213	0.467	-0.172	-0.571	-0.674	-0.514	-0.194	0.148
3541	35.40	0.388	0.439	0.274	-0.085	-0.560	-1.146	-1.734	-2.326	-2.936	-3.587
3551	35.50	-4.284	-4.974	-5.536	-5.796	-5.577	-4.773	-3.410	-1.669	0.143	1.682
3561	35.60	2.676	3.007	2.748	2.113	1.369	0.730	0.296	0.045	-0.103	-0.207
3571	35.70	-0.254	-0.156	0.187	0.802	1.588	2.316	2.715	2.589	1.922	0.909
3581	35.80	-0.099	-0.734	-0.752	-0.133	0.918	2.068	2.995	3.519	3.661	3.597
3591	35.90	3.555	3.686	3.981	4.271	4.304	3.858	2.849	1.376	-0.304	-1.855
3601	36.00	-2.968	-3.443	-3.231	-2.427	-1.234	0.101	1.330	2.255	2.755	2.798
3611	36.10	2.449	1.844	1.157	0.549	0.122	-0.105	-0.195	-0.252	-0.368	-0.580
3621	36.20	-0.852	-1.092	-1.199	-1.112	-0.847	-0.490	-0.169	-0.000	-0.050	-0.313
3631	36.30	-0.726	-1.196	-1.637	-1.988	-2.219	-2.321	-2.292	-2.131	-1.841	-1.438
3641	36.40	-0.951	-0.419	0.123	0.653	1.166	1.660	2.118	2.489	2.695	2.650
3651	36.50	2.298	1.648	0.787	-0.147	-1.009	-1.697	-2.194	-2.559	-2.886	-3.249
3661	36.60	-3.648	-3.993	-4.136	-3.932	-3.311	-2.315	-1.104	0.100	1.081	1.700
3671	36.70	1.927	1.834	1.549	1.196	0.854	0.542	0.233	-0.106	-0.485	-0.877
3681	36.80	-1.222	-1.453	-1.524	-1.430	-1.199	-0.887	-0.551	-0.237	0.025	0.218
3691	36.90	0.330	0.345	0.251	0.040	-0.278	-0.676	-1.108	-1.522	-1.867	-2.105
3701	37.00	-2.217	-2.198	-2.058	-1.812	-1.477	-1.065	-0.586	-0.040	0.573	1.254
3711	37.10	1.994	2.763	3.510	4.159	4.625	4.831	4.728	4.317	3.651	2.826
3721	37.20	1.961	1.170	0.537	0.106	-0.117	-0.154	-0.033	0.220	0.592	1.070
3731	37.30	1.633	2.237	2.811	3.266	3.517	3.503	3.216	2.700	2.047	1.366
3741	37.40	0.754	0.267	-0.093	-0.370	-0.634	-0.944	-1.330	-1.782	-2.259	-2.715
3751	37.50	-3.123	-3.489	-3.844	-4.229	-4.659	-5.110	-5.510	-5.763	-5.775	-5.493
3761	37.60	-4.925	-4.138	-3.234	-2.325	-1.497	-0.797	-0.237	0.191	0.498	0.685
3771	37.70	0.743	0.670	0.475	0.196	-0.115	-0.398	-0.611	-0.731	-0.761	-0.707
3781	37.80	-0.567	-0.317	0.082	0.661	1.416	2.283	3.131	3.794	4.111	3.986
3791	37.90	3.428	2.567	1.625	0.859	0.480	0.595	1.169	2.037	2.955	3.678
3801	38.00	4.030	3.956	3.530	2.919	2.321	1.901	1.737	1.802	1.983	2.129
3811	38.10	2.106	1.846	1.366	0.755	0.135	-0.385	-0.753	-0.994	-1.197	-1.481
3821	38.20	-1.942	-2.615	-3.449	-4.317	-5.055	-5.507	-5.576	-5.250	-4.599	-3.753
3831	38.30	-2.861	-2.048	-1.396	-0.931	-0.639	-0.483	-0.422	-0.419	-0.446	-0.480
3841	38.40	-0.501	-0.491	-0.439	-0.345	-0.218	-0.073	0.079	0.234	0.396	0.566
3851	38.50	0.735	0.875	0.945	0.907	0.744	0.473	0.147	-0.161	-0.384	-0.484
3861	38.60	-0.466	-0.366	-0.237	-0.120	-0.031	0.038	0.107	0.185	0.260	0.303
3871	38.70	0.283	0.187	0.032	-0.134	-0.262	-0.319	-0.310	-0.272	-0.256	-0.296
3881	38.80	-0.389	-0.487	-0.520	-0.425	-0.179	0.195	0.638	1.083	1.481	1.824
3891	38.90	2.134	2.444	2.773	3.107	3.406	3.619	3.710	3.667	3.506	3.251
3901	39.00	2.920	2.514	2.027	1.461	0.846	0.238	-0.291	-0.686	-0.933	-1.068
3911	39.10	-1.157	-1.268	-1.426	-1.603	-1.726	-1.719	-1.545	-1.237	-0.890	-0.620
3921	39.20	-0.513	-0.573	-0.718	-0.802	-0.681	-0.273	0.404	1.241	2.076	2.760
3931	39.30	3.202	3.390	3.370	3.204	2.937	2.572	2.089	1.472	0.744	-0.023
3941	39.40	-0.729	-1.282	-1.639	-1.829	-1.931	-2.039	-2.210	-2.427	-2.601	-2.612
3951	39.50	-2.359	-1.823	-1.080	-0.291	0.357	0.715	0.725	0.436	-0.020	-0.480
3961	39.60	-0.811	-0.954	-0.928	-0.817	-0.719	-0.706	-0.799	-0.967	-1.147	-1.282
3971	39.70	-1.342	-1.336	-1.301	-1.277	-1.286	-1.314	-1.322	-1.270	-1.139	-0.955
3981	39.80	-0.785	-0.712	-0.799	-1.049	-1.396	-1.711	-1.848	-1.701	-1.248	-0.575
3991	39.90	0.147	0.718	0.969	0.836	0.368	-0.287	-0.934	-1.403	-1.597	-1.517

Table 7-7-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 2009 104-GR-1-70 HA. (HA.) SHINTONEGAWA BR. MAX. ACC. = 42.528 (GAL) T= 14.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.243	-0.886	-0.540	-0.245	0.016	0.300	0.660	1.120	1.656	2.205
4011	40.10	2.690	3.046	3.243	3.287	3.209	3.047	2.838	2.607	2.370	2.138
4021	40.20	1.920	1.718	1.526	1.323	1.081	0.774	0.395	-0.038	-0.485	-0.893
4031	40.30	-1.215	-1.430	-1.544	-1.587	-1.596	-1.598	-1.603	-1.606	-1.600	-1.589
4041	40.40	-1.593	-1.646	-1.776	-1.987	-2.245	-2.485	-2.618	-2.568	-2.293	-1.801
4051	40.50	-1.150	-0.434	0.244	0.799	1.178	1.370	1.401	1.317	1.172	1.017
4061	40.60	0.883	0.784	0.714	0.655	0.587	0.494	0.376	0.250	0.145	0.094
4071	40.70	0.125	0.245	0.440	0.677	0.915	1.117	1.263	1.351	1.397	1.427
4081	40.80	1.465	1.526	1.613	1.719	1.832	1.940	2.034	2.108	2.156	2.170
4091	40.90	2.143	2.068	1.943	1.776	1.584	1.386	1.201	1.037	0.890	0.743
4101	41.00	0.571	0.348	0.061	-0.289	-0.680	-1.071	-1.407	-1.630	-1.687	-1.549
4111	41.10	-1.221	-0.749	-0.216	0.267	0.591	0.674	0.492	0.083	-0.458	-1.014
4121	41.20	-1.486	-1.828	-2.061	-2.266	-2.541	-2.957	-3.518	-4.152	-4.730	-5.119
4131	41.30	-5.226	-5.038	-4.624	-4.102	-3.592	-3.173	-2.856	-2.599	-2.337	-2.021
4141	41.40	-1.647	-1.251	-0.894	-0.626	-0.460	-0.375	-0.324	-0.266	-0.185	-0.090
4151	41.50	-0.010	0.038	0.060	0.082	0.139	0.245	0.378	0.488	0.516	0.433
4161	41.60	0.260	0.066	-0.054	-0.029	0.163	0.475	0.817	1.100	1.275	1.356
4171	41.70	1.414	1.539	1.791	2.174	2.630	3.071	3.420	3.648	3.780	3.879
4181	41.80	4.002	4.172	4.359	4.495	4.516	4.388	4.134	3.821	3.529	3.313
4191	41.90	3.175	3.071	2.931	2.699	2.359	1.950	1.541	1.205	0.985	0.873
4201	42.00	0.825	0.777	0.676	0.502	0.268	0.007	-0.246	-0.476	-0.687	-0.897
4211	42.10	-1.121	-1.361	-1.597	-1.797	-1.935	-1.998	-1.999	-1.970	-1.951	-1.971
4221	42.20	-2.042	-2.153	-2.281	-2.399	-2.490	-2.548	-2.582	-2.601	-2.611	-2.609
4231	42.30	-2.584	-2.523	-2.419	-2.278	-2.117	-1.960	-1.827	-1.728	-1.659	-1.604
4241	42.40	-1.543	-1.465	-1.364	-1.248	-1.130	-1.015	-0.902	-0.776	-0.618	-0.418
4251	42.50	-0.177	0.082	0.326	0.520	0.642	0.695	0.707	0.721	0.783	0.922
4261	42.60	1.144	1.429	1.739	2.034	2.289	2.493	2.655	2.792	2.915	3.023
4271	42.70	3.100	3.119	3.057	2.905	2.676	2.401	2.119	1.865	1.650	1.461
4281	42.80	1.264	1.021	0.706	0.320	-0.109	-0.539	-0.935	-1.288	-1.622	-1.986
4291	42.90	-2.428	-2.966	-3.562	-4.129	-4.545	-4.698	-4.526	-4.039	-3.321	-2.499
4301	43.00	-1.704	-1.028	-0.510	-0.134	0.135	0.330	0.452	0.478	0.380	0.151
4311	43.10	-0.177	-0.527	-0.807	-0.939	-0.889	-0.673	-0.351	0.011	0.369	0.711
4321	43.20	1.060	1.442	1.857	2.269	2.600	2.768	2.714	2.432	1.977	1.437
4331	43.30	0.908	0.452	0.083	-0.224	-0.509	-0.795	-1.065	-1.269	-1.344	-1.252
4341	43.40	-0.999	-0.645	-0.285	-0.009	0.125	0.114	0.001	-0.151	-0.293	-0.412
4351	43.50	-0.539	-0.729	-1.029	-1.452	-1.960	-2.475	-2.904	-3.167	-3.226	-3.086
4361	43.60	-2.789	-2.392	-1.945	-1.486	-1.035	-0.606	-0.214	0.124	0.390	0.584
4371	43.70	0.724	0.848	1.002	1.220	1.511	1.853	2.203	2.511	2.745	2.900
4381	43.80	3.001	3.084	3.184	3.311	3.450	3.565	3.616	3.574	3.433	3.211
4391	43.90	2.940	2.658	2.388	2.144	1.923	1.712	1.491	1.242	0.943	0.582
4401	44.00	0.153	-0.337	-0.863	-1.388	-1.869	-2.275	-2.589	-2.818	-2.984	-3.114
4411	44.10	-3.223	-3.305	-3.339	-3.299	-3.171	-2.964	-2.712	-2.459	-2.245	-2.086
4421	44.20	-1.970	-1.864	-1.732	-1.555	-1.340	-1.114	-0.910	-0.748	-0.617	-0.484
4431	44.30	-0.307	-0.057	0.266	0.630	0.983	1.277	1.488	1.624	1.715	1.795
4441	44.40	1.880	1.959	1.999	1.964	1.841	1.645	1.419	1.212	1.058	0.953
4451	44.50	0.865	0.752	0.590	0.397	0.229	0.166	0.268	0.546	0.943	1.346
4461	44.60	1.630	1.697	1.516	1.126	0.634	0.154	-0.219	-0.445	-0.542	-0.561
4471	44.70	-0.565	-0.598	-0.678	-0.793	-0.923	-1.052	-1.170	-1.278	-1.379	-1.472
4481	44.80	-1.553	-1.620	-1.681	-1.750	-1.839	-1.947	-2.044	-2.072	-1.963	-1.658
4491	44.90	-1.139	-0.445	0.337	1.084	1.680	2.039	2.128	1.969	1.623	1.172

Table 7-7-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2009 104-GR-1-70 HA. (HA.) SHINTONEGAWA BR. MAX. ACC. = 42.528 (GAL) T= 14.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.699	0.277	-0.040	-0.214	-0.229	-0.098	0.137	0.410	0.662	0.761
4511	45.10	0.726	0.540	0.248	-0.077	-0.366	-0.560	-0.652	-0.654	-0.601	-0.526
4521	45.20	-0.446	-0.362	-0.262	-0.133	0.034	0.238	0.474	0.740	1.037	1.365
4531	45.30	1.713	2.054	2.345	2.538	2.590	2.487	2.245	1.910	1.542	1.198
4541	45.40	0.919	0.722	0.608	0.568	0.599	0.699	0.873	1.117	1.415	1.736
4551	45.50	2.034	2.263	2.388	2.386	2.260	2.028	1.720	1.372	1.019	0.686
4561	45.60	0.392	0.139	-0.077	-0.268	-0.447	-0.622	-0.790	-0.942	-1.068	-1.164
4571	45.70	-1.237	-1.310	-1.413	-1.570	-1.788	-2.051	-2.315	-2.528	-2.636	-2.608
4581	45.80	-2.437	-2.150	-1.794	-1.430	-1.119	-0.909	-0.834	-0.901	-1.100	-1.396
4591	45.90	-1.744	-2.096	-2.417	-2.697	-2.955	-3.227	-3.556	-3.961	-4.423	-4.876
4601	46.00	-5.224	-5.368	-5.241	-4.834	-4.204	-3.463	-2.739	-2.140	-1.726	-1.492
4611	46.10	-1.382	-1.315	-1.218	-1.049	-0.803	-0.510	-0.211	0.057	0.283	0.475
4621	46.20	0.659	0.864	1.110	1.397	1.706	2.007	2.261	2.432	2.496	2.447
4631	46.30	2.297	2.074	1.822	1.584	1.397	1.278	1.220	1.197	1.174	1.122
4641	46.40	1.035	0.934	0.869	0.893	1.049	1.347	1.750	2.187	2.565	2.804
4651	46.50	2.858	2.728	2.465	2.140	1.829	1.579	1.402	1.276	1.164	1.034
4661	46.60	0.881	0.723	0.596	0.535	0.553	0.631	0.727	0.787	0.773	0.676
4671	46.70	0.518	0.342	0.193	0.093	0.038	-0.002	-0.062	-0.160	-0.281	-0.378
4681	46.80	-0.387	-0.253	0.048	0.494	1.024	1.562	2.036	2.405	2.664	2.833
4691	46.90	2.940	3.003	3.017	2.961	2.809	2.551	2.195	1.777	1.342	0.937
4701	47.00	0.597	0.338	0.165	0.077	0.066	0.120	0.210	0.293	0.312	0.213
4711	47.10	-0.039	-0.437	-0.932	-1.446	-1.896	-2.226	-2.429	-2.543	-2.628	-2.736
4721	47.20	-2.880	-3.027	-3.113	-3.077	-2.900	-2.620	-2.331	-2.147	-2.152	-2.372
4731	47.30	-2.755	-3.195	-3.568	-3.780	-3.790	-3.621	-3.330	-2.981	-2.621	-2.261
4741	47.40	-1.895	-1.517	-1.133	-0.767	-0.448	-0.190	0.027	0.247	0.524	0.889
4751	47.50	1.332	1.791	2.181	2.422	2.480	2.386	2.219	2.081	2.050	2.150
4761	47.60	2.342	2.546	2.677	2.682	2.558	2.350	2.127	1.949	1.844	1.803
4771	47.70	1.790	1.768	1.709	1.610	1.479	1.329	1.166	0.987	0.794	0.604
4781	47.80	0.450	0.380	0.437	0.634	0.943	1.297	1.608	1.797	1.818	1.668
4791	47.90	1.386	1.027	0.638	0.245	-0.150	-0.557	-0.981	-1.409	-1.812	-2.156
4801	48.00	-2.419	-2.602	-2.730	-2.839	-2.961	-3.104	-3.249	-3.361	-3.403	-3.352
4811	48.10	-3.213	-3.007	-2.769	-2.528	-2.299	-2.083	-1.873	-1.664	-1.457	-1.260
4821	48.20	-1.083	-0.927	-0.788	-0.653	-0.513	-0.364	-0.211	-0.065	0.067	0.188
4831	48.30	0.312	0.457	0.638	0.852	1.083	1.301	1.481	1.608	1.689	1.744
4841	48.40	1.798	1.862	1.929	1.974	1.965	1.880	1.722	1.515	1.300	1.119
4851	48.50	0.999	0.943	0.931	0.932	0.919	0.873	0.795	0.693	0.578	0.455
4861	48.60	0.322	0.171	-0.000	-0.190	-0.384	-0.562	-0.703	-0.792	-0.823	-0.798
4871	48.70	-0.725	-0.612	-0.464	-0.288	-0.093	0.106	0.287	0.426	0.502	0.506
4881	48.80	0.443	0.331	0.194	0.054	-0.079	-0.207	-0.346	-0.511	-0.707	-0.926
4891	48.90	-1.131	-1.284	-1.344	-1.288	-1.120	-0.873	-0.602	-0.367	-0.214	-0.169
4901	49.00	-0.230	-0.376	-0.577	-0.807	-1.049	-1.294	-1.534	-1.755	-1.936	-2.051
4911	49.10	-2.079	-2.017	-1.880	-1.703	-1.527	-1.384	-1.290	-1.238	-1.206	-1.166
4921	49.20	-1.100	-1.002	-0.885	-0.764	-0.657	-0.568	-0.492	-0.417	-0.331	-0.225
4931	49.30	-0.101	0.036	0.179	0.324	0.470	0.617	0.758	0.886	0.986	1.044
4941	49.40	1.056	1.026	0.966	0.897	0.835	0.788	0.752	0.715	0.663	0.586
4951	49.50	0.488	0.385	0.301	0.267	0.305	0.423	0.613	0.849	1.096	1.316
4961	49.60	1.487	1.602	1.678	1.742	1.825	1.947	2.108	2.289	2.459	2.591
4971	49.70	2.674	2.715	2.736	2.758	2.788	2.811	2.796	2.712	2.547	2.318
4981	49.80	2.066	1.838	1.664	1.533	1.395	1.180	0.832	0.343	-0.232	-0.786
4991	49.90	-1.195	-1.364	-1.261	-0.934	-0.487	-0.038	0.320	0.549	0.669	0.729

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

INDEX NO. 2009 104-GR-1-70 HA. (HA.) SHINTONEGAWA BR. MAX. ACC. = 42.528 (GAL) T= 14.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.772	0.802	0.783	0.649	0.342	-0.153	-0.791	-1.475	-2.083	-2.509
5011	50.10	-2.695	-2.642	-2.401	-2.052	-1.669	-1.305	-0.987	-0.718	-0.496	-0.322
5021	50.20	-0.208	-0.166	-0.208	-0.331	-0.518	-0.742	-0.972	-1.186	-1.371	-1.528
5031	50.30	-1.660	-1.768	-1.848	-1.885	-1.862	-1.765	-1.593	-1.364	-1.109	-0.870
5041	50.40	-0.680	-0.553	-0.479	-0.426	-0.357	-0.246	-0.094	0.061	0.164	0.161
5051	50.50	0.028	-0.213	-0.489	-0.705	-0.776	-0.660	-0.383	-0.024	0.307	0.513
5061	50.60	0.548	0.422	0.199	-0.042	-0.239	-0.369	-0.446	-0.504	-0.569	-0.635
5071	50.70	-0.668	-0.618	-0.448	-0.157	0.217	0.613	0.973	1.270	1.516	1.755
5081	50.80	2.029	2.357	2.712	3.030	3.236	3.275	3.139	2.873	2.551	2.253
5091	50.90	2.029	1.886	1.790	1.694	1.560	1.380	1.177	0.990	0.855	0.782
5101	51.00	0.754	0.730	0.671	0.551	0.370	0.150	-0.078	-0.287	-0.467	-0.623
5111	51.10	-0.768	-0.915	-1.066	-1.217	-1.358	-1.485	-1.602	-1.722	-1.859	-2.020
5121	51.20	-2.200	-2.383	-2.551	-2.689	-2.796	-2.882	-2.960	-3.037	-3.105	-3.143
5131	51.30	-3.121	-3.018	-2.829	-2.572	-2.285	-2.008	-1.774	-1.593	-1.454	-1.331
5141	51.40	-1.201	-1.052	-0.887	-0.725	-0.584	-0.473	-0.384	-0.295	-0.181	-0.023
5151	51.50	0.175	0.393	0.594	0.744	0.817	0.805	0.715	0.570	0.395	0.218
5161	51.60	0.066	-0.035	-0.062	-0.000	0.149	0.361	0.593	0.792	0.916	0.947
5171	51.70	0.907	0.848	0.829	0.891	1.031	1.197	1.303	1.259	1.013	0.571
5181	51.80	0.006	-0.573	-1.050	-1.348	-1.450	-1.394	-1.256	-1.110	-1.001	-0.933
5191	51.90	-0.878	-0.794	-0.655	-0.458	-0.230	-0.006	0.184	0.330	0.447	0.561
5201	52.00	0.693	0.854	1.036	1.211	1.363	1.479	1.561	1.622	1.674	1.726
5211	52.10	1.776	1.821	1.857	1.888	1.923	1.974	2.045	2.132	2.217	2.283
5221	52.20	2.314	2.307	2.271	2.218	2.159	2.092	2.011	1.902	1.758	1.579
5231	52.30	1.378	1.171	0.973	0.789	0.616	0.449	0.284	0.123	-0.025	-0.157
5241	52.40	-0.278	-0.403	-0.554	-0.745	-0.976	-1.221	-1.443	-1.604	-1.687	-1.704
5251	52.50	-1.696	-1.711	-1.766	-1.924	-2.091	-2.230	-2.281	-2.215	-2.038	-1.796
5261	52.60	-1.549	-1.350	-1.222	-1.156	-1.116	-1.064	-0.976	-0.855	-0.719	-0.598
5271	52.70	-0.507	-0.448	-0.403	-0.351	-0.275	-0.172	-0.054	0.064	0.170	0.263
5281	52.80	0.351	0.450	0.571	0.722	0.904	1.118	1.362	1.636	1.933	2.234
5291	52.90	2.510	2.722	2.834	2.827	2.706	2.504	2.265	2.035	1.843	1.693
5301	53.00	1.568	1.437	1.274	1.065	0.812	0.532	0.247	-0.024	-0.269	-0.485
5311	53.10	-0.674	-0.839	-0.983	-1.104	-1.204	-1.282	-1.342	-1.389	-1.431	-1.476
5321	53.20	-1.534	-1.611	-1.704	-1.805	-1.896	-1.955	-1.964	-1.914	-1.810	-1.673
5331	53.30	-1.527	-1.391	-1.271	-1.160	-1.045	-0.912	-0.764	-0.614	-0.480	-0.373
5341	53.40	-0.289	-0.203	-0.089	0.068	0.253	0.421	0.511	0.476	0.307	0.050
5351	53.50	-0.209	-0.375	-0.378	-0.208	0.085	0.414	0.692	0.871	0.958	1.005
5361	53.60	1.076	1.211	1.400	1.585	1.684	1.627	1.385	0.976	0.459	-0.097
5371	53.70	-0.635	-1.119	-1.535	-1.872	-2.112	-2.228	-2.196	-2.009	-1.690	-1.285
5381	53.80	-0.850	-0.425	-0.021	0.372	0.770	1.167	1.521	1.754	1.786	1.565
5391	53.90	1.103	0.475	-0.196	-0.788	-1.217	-1.468	-1.583	-1.637	-1.693	-1.771
5401	54.00	-1.847	-1.865	-1.775	-1.559	-1.249	-0.908	-0.610	-0.403	-0.297	-0.261
5411	54.10	-0.245	-0.203	-0.109	0.031	0.194	0.353	0.489	0.599	0.692	0.782
5421	54.20	0.880	0.989	1.108	1.233	1.356	1.465	1.538	1.543	1.448	1.232
5431	54.30	0.898	0.682	0.048	-0.324	-0.564	-0.632	-0.524	-0.277	0.051	0.399
5441	54.40	0.719	0.986	1.199	1.371	1.522	1.668	1.817	1.973	2.128	2.275
5451	54.50	2.396	2.478	2.506	2.472	2.380	2.244	2.086	1.926	1.779	1.647
5461	54.60	1.522	1.388	1.234	1.055	0.861	0.664	0.478	0.309	0.149	-0.014
5471	54.70	-0.198	-0.417	-0.670	-0.950	-1.237	-1.511	-1.755	-1.959	-2.125	-2.260
5481	54.80	-2.379	-2.499	-2.633	-2.788	-2.960	-3.135	-3.287	-3.389	-3.417	-3.359
5491	54.90	-3.220	-3.021	-2.788	-2.550	-2.325	-2.120	-1.931	-1.751	-1.575	-1.409

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

INDEX NO. 2009 104-GR-1-70 HA. (HA.) SHINTONEGAWA BR. MAX. ACC. = 42.528 (GAL) T= 14.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.267	-1.169	-1.130	-1.157	-1.242	-1.363	-1.492	-1.596	-1.650	-1.638
5511	55.10	-1.551	-1.393	-1.172	-0.906	-0.613	-0.318	-0.046	0.184	0.357	0.470
5521	55.20	0.533	0.565	0.591	0.636	0.716	0.837	0.991	1.167	1.349	1.528
5531	55.30	1.700	1.871	2.043	2.217	2.383	2.526	2.626	2.672	2.664	2.616
5541	55.40	2.551	2.492	2.448	2.415	2.375	2.306	2.195	2.046	1.880	1.727
5551	55.50	1.616	1.557	1.543	1.548	1.543	1.505	1.428	1.319	1.193	1.062
5561	55.60	0.929	0.791	0.639	0.468	0.283	0.095	-0.082	-0.242	-0.387	-0.522
5571	55.70	-0.647	-0.753	-0.814	-0.803	-0.699	-0.506	-0.259	-0.020	0.146	0.186
5581	55.80	0.081	-0.147	-0.447	-0.756	-1.023	-1.222	-1.361	-1.465	-1.567	-1.690
5591	55.90	-1.836	-1.988	-2.113	-2.177	-2.154	-2.038	-1.839	-1.587	-1.317	-1.062
5601	56.00	-0.840	-0.651	-0.476	-0.289	-0.068	0.193	0.474	0.739	0.951	1.086
5611	56.10	1.153	1.184	1.227	1.320	1.471	1.648	1.793	1.849	1.778	1.588
5621	56.20	1.320	1.035	0.778	0.560	0.357	0.128	-0.158	-0.492	-0.822	-1.069
5631	56.30	-1.161	-1.068	-0.817	-0.489	-0.183	0.016	0.075	0.017	-0.095	-0.187
5641	56.40	-0.205	-0.138	-0.013	0.122	0.221	0.254	0.215	0.117	-0.022	-0.186
5651	56.50	-0.359	-0.531	-0.683	-0.793	-0.841	-0.812	-0.706	-0.535	-0.321	-0.085
5661	56.60	0.160	0.405	0.641	0.852	1.014	1.098	1.081	0.962	0.765	0.538
5671	56.70	0.333	0.189	0.121	0.111	0.120	0.110	0.057	-0.039	-0.157	-0.265
5681	56.80	-0.341	-0.378	-0.389	-0.398	-0.424	-0.479	-0.558	-0.647	-0.734	-0.817
5691	56.90	-0.905	-1.014	-1.154	-1.324	-1.501	-1.653	-1.741	-1.741	-1.645	-1.471
5701	57.00	-1.250	-1.016	-0.796	-0.596	-0.412	-0.228	-0.037	0.160	0.345	0.497
5711	57.10	0.602	0.661	0.695	0.737	0.814	0.932	1.068	1.178	1.209	1.127
5721	57.20	0.933	0.667	0.391	0.169	0.036	-0.013	-0.022	-0.048	-0.139	-0.309
5731	57.30	-0.532	-0.758	-0.939	-1.048	-1.095	-1.117	-1.157	-1.241	-1.361	-1.482
5741	57.40	-1.555	-1.539	-1.423	-1.222	-0.973	-0.711	-0.460	-0.224	0.005	0.238
5751	57.50	0.471	0.695	0.890	1.049	1.175	1.280	1.380	1.477	1.554	1.584
5761	57.60	1.540	1.415	1.230	1.029	0.861	0.758	0.719	0.708	0.677	0.587
5771	57.70	0.429	0.232	0.052	-0.061	-0.079	-0.017	0.078	0.145	0.141	0.051
5781	57.80	-0.102	-0.275	-0.430	-0.545	-0.628	-0.703	-0.791	-0.902	-1.022	-1.125
5791	57.90	-1.187	-1.201	-1.182	-1.160	-1.167	-1.215	-1.293	-1.371	-1.408	-1.377
5801	58.00	-1.272	-1.111	-0.924	-0.740	-0.574	-0.422	-0.268	-0.092	0.113	0.338
5811	58.10	0.563	0.762	0.917	1.020	1.083	1.121	1.152	1.187	1.227	1.267
5821	58.20	1.301	1.327	1.350	1.376	1.416	1.475	1.550	1.637	1.726	1.808
5831	58.30	1.877	1.928	1.957	1.961	1.934	1.874	1.781	1.662	1.527	1.391
5841	58.40	1.264	1.155	1.064	0.985	0.908	0.825	0.730	0.623	0.508	0.391
5851	58.50	0.275	0.164	0.057	-0.047	-0.150	-0.253	-0.359	-0.467	-0.580	-0.699
5861	58.60	-0.826	-0.961	-1.102	-1.245	-1.389	-1.531	-1.675	-1.822	-1.975	-2.134
5871	58.70	-2.288	-2.425	-2.525	-2.575	-2.567	-2.504	-2.404	-2.287	-2.175	-2.079
5881	58.80	-1.999	-1.924	-1.840	-1.732	-1.597	-1.446	-1.293	-1.159	-1.055	-0.980
5891	58.90	-0.920	-0.856	-0.769	-0.652	-0.508	-0.353	-0.204	-0.072	0.041	0.145
5901	59.00	0.254	0.378	0.516	0.656	0.783	0.884	0.963	1.035	1.128	1.269
5911	59.10	1.467	1.712	1.974	2.216	2.409	2.546	2.644	2.734	2.847	2.991
5921	59.20	3.144	3.257	3.274	3.152	2.887	2.517	2.111	1.748	1.483	1.334
5931	59.30	1.272	1.239	1.177	1.047	0.851	0.626	0.422	0.286	0.234	0.246
5941	59.40	0.281	0.292	0.245	0.137	-0.010	-0.161	-0.289	-0.387	-0.468	-0.556
5951	59.50	-0.674	-0.825	-0.993	-1.147	-1.260	-1.318	-1.332	-1.330	-1.345	-1.400
5961	59.60	-1.496	-1.617	-1.737	-1.832	-1.896	-1.934	-1.961	-1.986	-2.007	-2.009
5971	59.70	-1.970	-1.881	-1.749	-1.600	-1.468	-1.382	-1.352	-1.362	-1.376	-1.359
5981	59.80	-1.284	-1.148	-0.971	-0.781	-0.603	-0.447	-0.306	-0.166	-0.009	0.168
5991	59.90	0.359	0.549	0.728	0.890	1.041	1.188	1.335	1.472	1.578	1.628

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

INDEX NO. 2009 104-GR-1-70 HA. (HA.) SHINTONEGAWA BR. MAX. ACC. = 42.528 (GAL) T= 14.84 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.607	1.514	1.369	1.205	1.057	0.951	0.895	0.880	0.888	0.894
6011	60.10	0.882	0.840	0.765	0.659	0.530	0.389	0.247	0.118	0.010	-0.073
6021	60.20	-0.140	-0.206	-0.284	-0.386	-0.509	-0.641	-0.762	-0.863	-0.943	-1.016
6031	60.30	-1.105	-1.227	-1.382	-1.552	-1.703	-1.799	-1.814	-1.745	-1.607	-1.430
6041	60.40	-1.242	-1.060	-0.888	-0.717	-0.538	-0.345	-0.144	0.054	0.238	0.401
6051	60.50	0.545	0.676	0.804	0.930	1.052	1.166	1.266	1.347	1.403	1.427
6061	60.60	1.407	1.330	1.185	0.978	0.731	0.479	0.266	0.123	0.056	0.045
6071	60.70	0.050	0.028	-0.046	-0.163	-0.284	-0.353	-0.316	-0.151	0.128	0.465
6081	60.80	0.784	1.013	1.104	1.047	0.871	0.630	0.382	0.171	0.017	-0.094
6091	60.90	-0.193	-0.318	-0.498	-0.741	-1.031	-1.333	-1.609	-1.830	-1.987	-2.093
6101	61.00	-2.170	-2.236	-2.294	-2.322	-2.283	-2.144	-1.888	-1.532	-1.125	-0.730
6111	61.10	-0.405	-0.176	-0.033	0.066	0.176	0.334	0.549	0.794	1.023	1.191
6121	61.20	1.275	1.288	1.265	1.250	1.278	1.355	1.466	1.580	1.670	1.726
6131	61.30	1.757	1.782	1.822	1.885	1.961	2.029	2.064	2.050	1.986	1.886
6141	61.40	1.769	1.655	1.558	1.481	1.422	1.373	1.327	1.276	1.211	1.129
6151	61.50	1.028	0.910	0.785	0.662	0.550	0.450	0.355	0.254	0.136	-0.003
6161	61.60	-0.155	-0.303	-0.434	-0.544	-0.645	-0.761	-0.920	-1.136	-1.401	-1.683
6171	61.70	-1.941	-2.136	-2.253	-2.307	-2.335	-2.380	-2.469	-2.599	-2.737	-2.836
6181	61.80	-2.854	-2.774	-2.614	-2.417	-2.232	-2.097	-2.022	-1.989	-1.967	-1.924
6191	61.90	-1.849	-1.749	-1.646	-1.561	-1.501	-1.452	-1.392	-1.293	-1.143	-0.947
6201	62.00	-0.728	-0.511	-0.312	-0.134	0.036	0.213	0.406	0.607	0.794	0.942
6211	62.10	1.034	1.072	1.076	1.079	1.109	1.172	1.256	1.328	1.355	1.318
6221	62.20	1.224	1.107	1.012	0.982	1.043	1.190	1.398	1.630	1.853	2.050
6231	62.30	2.218	2.367	2.505	2.635	2.746	2.822	2.849	2.828	2.768	2.695
6241	62.40	2.632	2.591	2.572	2.558	2.523	2.447	2.322	2.155	1.964	1.767
6251	62.50	1.571	1.372	1.153	0.898	0.602	0.278	-0.047	-0.333	-0.548	-0.679
6261	62.60	-0.736	-0.749	-0.756	-0.788	-0.859	-0.960	-1.073	-1.177	-1.262	-1.334
6271	62.70	-1.416	-1.530	-1.691	-1.896	-2.122	-2.336	-2.502	-2.594	-2.604	-2.533
6281	62.80	-2.394	-2.203	-1.972	-1.719	-1.458	-1.211	-0.996	-0.825	-0.698	-0.601
6291	62.90	-0.506	-0.388	-0.235	-0.052	0.136	0.296	0.405	0.460	0.482	0.507
6301	63.00	0.570	0.687	0.846	1.007	1.125	1.163	1.109	0.981	0.816	0.656
6311	63.10	0.527	0.434	0.364	0.300	0.236	0.181	0.160	0.200	0.315	0.499
6321	63.20	0.724	0.954	1.157	1.318	1.440	1.542	1.649	1.740	1.832	1.892
6331	63.30	1.898	1.840	1.725	1.576	1.423	1.289	1.186	1.103	1.024	0.926
6341	63.40	0.798	0.638	0.459	0.277	0.105	-0.055	-0.212	-0.381	-0.578	-0.810
6351	63.50	-1.073	-1.349	-1.617	-1.855	-2.055	-2.218	-2.361	-2.506	-2.666	-2.844
6361	63.60	-3.027	-3.191	-3.309	-3.369	-3.376	-3.351	-3.327	-3.329	-3.369	-3.432
6371	63.70	-3.488	-3.503	-3.454	-3.339	-3.177	-3.001	-2.842	-2.717	-2.622	-2.538
6381	63.80	-2.446	-2.329	-2.189	-2.038	-1.891	-1.760	-1.642	-1.525	-1.390	-1.225
6391	63.90	-1.031	-0.818	-0.604	-0.403	-0.221	-0.054	0.111	0.283	0.470	0.669
6401	64.00	0.872	1.071	1.263	1.446	1.622	1.790	1.942	2.064	2.140	2.158
6411	64.10	2.115	2.018	1.889	1.751	1.629	1.535	1.472	1.427	1.382	1.317
6421	64.20	1.220	1.089	0.935	0.775	0.626	0.495	0.381	0.275	0.167	0.057
6431	64.30	-0.046	-0.126	-0.171	-0.183	-0.182	-0.203	-0.275	-0.407	-0.575	-0.725
6441	64.40	-0.796	-0.742	-0.562	-0.305	-0.049	0.125	0.174	0.112	0.001	-0.071
6451	64.50	-0.032	0.144	0.426	0.749	1.039	1.252	1.382	1.460	1.530	1.620
6461	64.60	1.738	1.870	1.998	2.119	2.245	2.394	2.576	2.777	2.964	3.105
6471	64.70	3.185	3.223	3.260	3.336	3.457	3.581	3.641	3.573	3.363	3.067
6481	64.80	2.792	2.647	2.680	2.845	3.017	3.049	2.853	2.458	2.011	1.706
6491	64.90	1.686	1.949	2.325	2.530	2.291	1.479	0.187	-1.287	-2.548	-3.260

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

INDEX NO. 2010 104-GR-1-70 U-D (U-D) SHINTONEGAWA BR. MAX. ACC. = -11.583 (GAL) T= 7.92 (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	4.066	2.763	1.169	-0.155	-0.839	-0.840	-0.417	0.035	0.203	0.015
11	0.10	-0.342	-0.533	-0.279	0.480	1.531	2.468	2.881	2.568	1.549	0.241
21	0.20	-0.873	-1.369	-0.968	0.190	1.784	3.338	4.405	4.696	4.148	2.919
31	0.30	1.314	-0.312	-1.647	-2.494	-2.800	-2.638	-2.160	-1.531	-0.875	-0.248
41	0.40	0.349	0.921	1.434	1.800	1.897	1.643	1.062	0.321	-0.312	-0.566
51	0.50	-0.284	0.471	1.439	2.257	2.614	2.392	1.712	0.869	0.180	-0.174
61	0.60	-0.219	-0.155	-0.217	-0.520	-0.976	-1.340	-1.354	-0.918	-0.182	0.508
71	0.70	0.787	0.483	-0.252	-0.982	-1.191	-0.558	0.842	2.523	3.787	4.042
81	0.80	3.104	1.296	-0.674	-2.046	-2.352	-1.636	-0.417	0.575	0.762	0.007
91	0.90	-1.322	-2.537	-2.964	-2.276	-0.649	1.317	2.869	3.439	2.873	1.470
101	1.00	-0.176	-1.446	-1.941	-1.609	-0.699	0.384	1.264	1.726	1.744	1.435
111	1.10	0.966	0.430	0.059	-0.276	-0.546	-0.796	-1.073	-1.406	-1.783	-2.120
121	1.20	-2.261	-2.022	-1.271	-0.034	1.458	2.793	3.511	3.294	2.122	0.333
131	1.30	-1.482	-2.699	-2.915	-2.114	-0.670	0.827	1.834	2.082	1.663	0.939
141	1.40	0.322	0.044	0.046	0.032	-0.332	-1.193	-2.373	-3.419	-3.803	-3.194
151	1.50	-1.650	0.363	2.153	3.097	2.903	1.738	0.134	-1.256	-1.939	-1.786
161	1.60	-1.038	-0.154	0.430	0.502	0.148	-0.327	-0.579	-0.408	0.153	0.855
171	1.70	1.415	1.567	1.260	0.607	-0.182	-0.911	-1.473	-1.856	-2.087	-2.168
181	1.80	-2.038	-1.609	-0.834	0.206	1.286	2.087	2.322	1.858	0.807	-0.505
191	1.90	-1.643	-2.232	-2.101	-1.342	-0.273	0.698	1.223	1.139	0.507	-0.429
201	2.00	-1.351	-1.976	-2.144	-1.841	-1.186	-0.370	0.397	0.940	1.149	0.995
211	2.10	0.536	-0.093	-0.706	-1.109	-1.156	-0.804	-0.140	0.632	1.246	1.457
221	2.20	1.132	0.303	-0.830	-1.946	-2.707	-2.861	-2.324	-1.212	0.190	1.512
231	2.30	2.411	2.671	2.270	1.377	0.293	-0.644	-1.175	-1.196	-0.776	-0.120
241	2.40	0.520	0.940	1.048	0.879	0.550	0.188	-0.134	-0.419	-0.725	-1.094
251	2.50	-1.503	-1.840	-1.940	-1.664	-0.983	-0.020	0.978	1.726	2.015	1.800
261	2.60	1.217	0.517	-0.039	-0.294	-0.251	-0.051	0.116	0.110	-0.085	-0.362
271	2.70	-0.552	-0.523	-0.254	0.144	0.480	0.572	0.340	-0.154	-0.729	-1.158
281	2.80	-1.258	-0.965	-0.345	0.432	1.156	1.646	1.787	1.548	0.974	0.172
291	2.90	-0.712	-1.504	-2.034	-2.165	-1.840	-1.107	-0.125	0.870	1.630	1.973
301	3.00	1.842	1.319	0.587	-0.134	-0.664	-0.911	-0.883	-0.656	-0.330	0.013
311	3.10	0.323	0.571	0.733	0.777	0.669	0.401	0.018	-0.373	-0.624	-0.607
321	3.20	-0.263	0.349	1.060	1.645	1.906	1.750	1.233	0.560	-0.086	-0.446
331	3.30	-0.465	-0.220	0.099	0.276	0.177	-0.188	-0.660	-1.005	-1.020	-0.640
341	3.40	0.022	0.705	1.113	1.042	0.482	-0.365	-1.153	-1.530	-1.288	-0.446
351	3.50	0.742	1.887	2.610	2.684	2.106	1.086	-0.052	-0.994	-1.545	-1.672
361	3.60	-1.482	-1.147	-0.817	-0.567	-0.389	-0.224	-0.013	0.265	0.577	0.859
371	3.70	1.049	1.109	1.039	0.867	0.627	0.349	0.054	-0.237	-0.491	-0.659
381	3.80	-0.689	-0.540	-0.216	0.233	0.707	1.084	1.249	1.127	0.705	0.040
391	3.90	-0.751	-1.509	-2.071	-2.297	-2.106	-1.504	-0.586	0.470	1.445	2.127
401	4.00	2.367	2.117	1.449	0.535	-0.393	-1.104	-1.420	-1.292	-0.743	0.070
411	4.10	0.931	1.611	1.927	1.796	1.253	0.453	-0.376	-0.997	-1.236	-1.044
421	4.20	-0.510	0.165	0.737	1.007	0.886	0.430	-0.185	-0.733	-1.016	-0.938
431	4.30	-0.532	0.052	0.609	0.951	0.967	0.657	0.121	-0.479	-0.980	-1.271
441	4.40	-1.327	-1.217	-1.074	-1.042	-1.221	-1.611	-2.103	-2.501	-2.585	-2.194
451	4.50	-1.306	-0.061	1.262	2.335	2.890	2.825	2.235	1.382	0.583	0.078
461	4.60	-0.066	0.016	0.060	-0.200	-0.883	-1.880	-2.866	-3.418	-3.183	-2.044
471	4.70	-0.186	1.937	3.760	4.800	4.826	3.932	2.486	0.980	-0.160	-0.716
481	4.80	-0.731	-0.451	-0.185	-0.158	-0.408	-0.782	-1.017	-0.876	-0.271	0.682
491	4.90	1.689	2.397	2.532	2.010	0.981	-0.228	-1.233	-1.741	-1.654	-1.109

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

INDEX NO. 2010 104-GR-1-70 U-D (U-D) SHINTONEGAWA BR. MAX. ACC. = -11.583 (GAL) T= 7.92 (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	-0.418	0.056	0.042	-0.527	-1.485	-2.481	-3.110	-3.058	-2.226	-0.772
511	5.10	0.931	2.414	3.262	3.247	2.393	0.954	-0.672	-2.081	-2.973	-3.227
521	5.20	-2.899	-2.171	-1.267	-0.386	0.341	0.851	1.125	1.166	0.985	0.619
531	5.30	0.143	-0.318	-0.615	-0.621	-0.289	0.303	0.964	1.441	1.513	1.086
541	5.40	0.250	-0.738	-1.531	-1.821	-1.461	-0.533	0.668	1.729	2.268	2.070
551	5.50	1.172	-0.146	-1.462	-2.356	-2.560	-2.038	-0.981	0.273	1.376	2.081
561	5.60	2.304	2.109	1.635	1.009	0.295	-0.498	-1.364	-2.222	-2.895	-3.143
571	5.70	-2.768	-1.735	-0.239	1.311	2.430	2.740	2.135	0.851	-0.621	-1.719
581	5.80	-2.037	-1.487	-0.314	1.029	2.091	2.618	2.635	2.381	2.140	2.050
591	5.90	2.007	1.711	0.836	-0.757	-2.874	-4.997	-6.455	-6.681	-5.456	-3.019
601	6.00	0.006	2.820	4.725	5.340	4.687	3.129	1.199	-0.585	-1.859	-2.466
611	6.10	-2.434	-1.921	-1.154	-0.396	0.091	0.085	-0.527	-1.676	-3.077	-4.258
621	6.20	-4.687	-3.953	-1.958	0.993	4.225	6.883	8.202	7.777	5.722	2.647
631	6.30	-0.528	-2.878	-3.779	-3.111	-1.277	0.949	2.705	3.342	2.650	0.919
641	6.40	-1.181	-2.841	-3.409	-2.621	-0.686	1.790	4.023	5.321	5.307	4.019
651	6.50	1.861	-0.574	-2.715	-4.189	-4.883	-4.894	-4.405	-3.564	-2.424	-0.983
661	6.60	0.715	2.482	3.953	4.671	4.258	2.609	0.014	-2.873	-5.219	-6.301
671	6.70	-5.784	-3.875	-1.273	1.077	2.335	2.095	0.550	-1.560	-3.228	-3.558
681	6.80	-2.114	0.891	4.652	8.032	9.948	9.729	7.330	3.330	-1.267	-5.347
691	6.90	-8.012	-8.804	-7.779	-5.424	-2.463	0.359	2.464	3.548	3.601	2.848
701	7.00	1.649	0.388	-0.629	-1.237	-1.427	-1.317	-1.077	-0.849	-0.679	-0.494
711	7.10	-0.149	0.485	1.422	2.501	3.400	3.745	3.263	1.930	0.034	-1.888
721	7.20	-3.223	-3.506	-2.616	-0.837	1.220	2.838	3.460	2.887	1.348	-0.599
731	7.30	-2.293	-3.216	-3.175	-2.337	-1.123	-0.009	0.677	0.866	0.734	0.571
741	7.40	0.610	0.893	1.244	1.364	0.999	0.098	-1.119	-2.216	-2.725	-2.352
751	7.50	-1.128	0.573	2.178	3.145	3.195	2.433	1.293	0.345	0.026	0.441
761	7.60	1.313	2.106	2.278	1.530	-0.044	-1.992	-3.677	-4.534	-4.273	-2.962
771	7.70	-0.968	1.190	3.007	4.095	4.220	3.297	1.397	-1.220	-4.057	-6.398
781	7.80	-7.444	-6.568	-3.623	0.852	5.659	9.256	10.293	8.149	3.268	-2.919
791	7.90	-8.458	-11.583	-11.373	-8.080	-3.002	2.066	5.538	6.611	5.475	3.093
801	8.00	0.688	-0.795	-1.034	-0.329	0.678	1.390	1.542	1.253	0.860	0.653
811	8.10	0.677	0.725	0.493	-0.182	-1.181	-2.127	-2.578	-2.285	-1.351	-0.205
821	8.20	0.615	0.743	0.196	-0.623	-1.126	-0.853	0.268	1.858	3.242	3.770
831	8.30	3.123	1.469	-0.613	-2.388	-3.290	-3.133	-2.151	-0.838	0.295	0.933
841	8.40	1.040	0.786	0.401	0.030	-0.319	-0.717	-1.206	-1.701	-2.008	-1.900
851	8.50	-1.266	-0.213	0.938	1.764	1.923	1.310	0.119	-1.232	-2.264	-2.625
861	8.60	-2.213	-1.186	0.130	1.383	2.322	2.869	2.999	2.867	2.539	2.060
871	8.70	1.450	0.740	0.007	-0.636	-1.078	-1.271	-1.257	-1.163	-1.146	-1.315
881	8.80	-1.676	-2.121	-2.465	-2.523	-2.181	-1.438	-0.401	0.760	1.870	2.795
891	8.90	3.460	3.837	3.929	3.749	3.317	2.667	1.854	0.948	0.020	-0.878
901	9.00	-1.712	-2.459	-3.071	-3.452	-3.461	-2.949	-1.841	-0.211	1.678	3.402
911	9.10	4.490	4.577	3.549	1.622	-0.709	-2.809	-4.120	-4.341	-3.528	-2.060
921	9.20	-0.481	0.701	1.193	1.002	0.390	-0.256	-0.596	-0.463	0.094	0.857
931	9.30	1.549	1.945	1.941	1.565	0.934	0.193	-0.520	-1.099	-1.463	-1.551
941	9.40	-1.337	-0.859	-0.234	0.351	0.696	0.673	0.297	-0.255	-0.710	-0.816
951	9.50	-0.484	0.148	0.751	0.942	0.480	-0.597	-1.944	-3.044	-3.427	-2.897
961	9.60	-1.636	-0.136	1.032	1.487	1.234	0.665	0.360	0.771	1.968	3.450
971	9.70	4.505	4.361	2.684	-0.205	-3.379	-5.632	-5.981	-4.107	-0.542	3.488
981	9.80	6.522	7.427	5.847	2.325	-1.913	-5.454	-7.223	-6.862	-4.786	-1.948
991	9.90	0.587	2.046	2.191	1.303	-0.029	-1.203	-1.834	-1.841	-1.371	-0.645

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

INDEX NO. 2010 104-GR-1-70 U-D (U-D) SHINTONEGAWA BR. MAX. ACC. = -11.583 (GAL) T= 7.92 (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	0.173	1.023	1.892	2.712	3.297	3.370	2.690	1.205	-0.843	-2.949
1011	10.10	-4.507	-5.040	-4.404	-2.854	-0.942	0.714	1.687	1.897	1.601	1.231
1021	10.20	1.147	1.456	1.962	2.292	2.121	1.375	0.306	-0.610	-0.907	-0.385
1031	10.30	0.757	1.971	2.600	2.103	0.700	-1.383	-3.281	-4.213	-3.730	-1.906
1041	10.40	0.689	3.216	4.897	5.291	4.418	2.668	0.690	-1.050	-2.234	-2.831
1051	10.50	-2.979	-2.855	-2.557	-2.072	-1.338	-0.329	0.870	2.051	2.941	3.300
1061	10.60	3.001	2.069	0.665	-0.970	-2.565	-3.869	-4.673	-4.826	-4.267	-3.057
1071	10.70	-1.397	0.384	1.900	2.819	2.975	2.439	1.500	0.564	0.002	0.010
1081	10.80	0.544	1.347	2.072	2.426	2.293	1.764	1.080	0.517	0.256	0.312
1091	10.90	0.533	0.677	0.525	-0.016	-0.868	-1.803	-2.538	-2.840	-2.622	-1.981
1101	11.00	-1.154	-0.423	0.009	0.106	0.018	0.009	0.321	1.032	1.978	2.779
1111	11.10	2.986	2.285	0.671	-1.486	-3.540	-4.803	-4.813	-3.532	-1.377	0.940
1121	11.20	2.690	3.399	3.011	1.853	0.449	-0.723	-1.420	-1.666	-1.665	-1.530
1131	11.30	-1.361	-0.945	-0.177	0.985	2.301	3.309	3.515	2.658	0.910	-1.127
1141	11.40	-2.632	-2.923	-1.792	0.350	2.604	3.950	3.682	1.735	-1.267	-4.258
1151	11.50	-6.160	-6.321	-4.758	-2.122	0.594	2.459	2.950	2.097	0.396	-1.438
1161	11.60	-2.771	-3.253	-2.873	-1.880	-0.616	0.619	1.648	2.405	2.883	3.077
1171	11.70	2.962	2.515	1.756	0.776	-0.268	-1.192	-1.833	-2.097	-1.977	-1.544
1181	11.80	-0.916	-0.229	0.394	0.857	1.106	1.126	0.949	0.633	0.256	-0.113
1191	11.90	-0.419	-0.635	-0.745	-0.737	-0.601	-0.338	0.020	0.390	0.649	0.672
1201	12.00	0.392	-0.148	-0.779	-1.255	-1.344	-0.941	-0.137	0.791	1.478	1.617
1211	12.10	1.102	0.085	-1.068	-1.926	-2.168	-1.726	-0.804	0.206	0.908	1.079
1221	12.20	0.781	0.335	0.178	0.663	1.865	3.508	5.021	5.735	5.134	3.083
1231	12.30	-0.060	-3.505	-6.242	-7.361	-6.358	-3.344	0.943	5.328	8.553	9.675
1241	12.40	8.380	5.094	0.847	-3.074	-5.568	-6.088	-4.812	-2.541	-0.366	0.765
1251	12.50	0.411	-1.204	-3.305	-4.891	-5.145	-3.754	-1.023	2.262	5.151	6.888
1261	12.60	7.177	6.237	4.659	3.122	2.106	1.720	1.700	1.582	0.946	-0.363
1271	12.70	-2.142	-3.902	-5.060	-5.184	-4.176	-2.322	-0.189	1.588	2.538	2.513
1281	12.80	1.716	0.590	-0.382	-0.874	-0.827	-0.436	-0.023	0.137	-0.051	-0.461
1291	12.90	-0.826	-0.886	-0.534	0.119	0.790	1.152	0.993	0.319	-0.653	-1.598
1301	13.00	-2.233	-2.437	-2.281	-1.960	-1.663	-1.467	-1.298	-0.998	-0.445	0.333
1311	13.10	1.124	1.605	1.487	0.672	-0.672	-2.145	-3.255	-3.604	-3.022	-1.620
1321	13.20	0.272	2.234	3.878	4.937	5.280	4.895	3.862	2.354	0.640	-0.924
1331	13.30	-1.961	-2.193	-1.578	-0.387	0.834	1.436	0.927	-0.800	-3.368	-6.009
1341	13.40	-7.843	-8.212	-6.967	-4.432	-1.451	1.128	2.685	3.065	2.577	1.811
1351	13.50	1.345	1.499	2.220	3.148	3.812	3.844	3.132	1.839	0.307	-1.100
1361	13.60	-2.129	-2.710	-2.938	-3.000	-3.080	-3.284	-3.611	-3.953	-4.138	-3.974
1371	13.70	-3.321	-2.142	-0.547	1.212	2.794	3.867	4.221	3.858	2.990	1.973
1381	13.80	1.159	0.766	0.794	1.049	1.255	1.192	0.795	0.170	-0.492	-1.028
1391	13.90	-1.394	-1.662	-1.939	-2.241	-2.428	-2.230	-1.388	0.173	2.219	4.237
1401	14.00	5.608	5.868	4.932	3.165	1.245	-0.126	-0.537	-0.065	0.752	1.156
1411	14.10	0.519	-1.351	-4.091	-6.902	-8.850	-9.219	-7.776	-4.832	-1.105	2.540
1421	14.20	5.369	6.961	7.244	6.418	4.820	2.802	0.674	-1.307	-2.904	-3.906
1431	14.30	-4.149	-3.578	-2.307	-0.627	1.034	2.227	2.612	2.079	0.808	-0.762
1441	14.40	-2.044	-2.482	-1.737	0.184	2.883	5.668	7.746	8.475	7.588	5.293
1451	14.50	2.225	-0.766	-2.903	-3.746	-3.325	-2.098	-0.740	0.136	0.225	-0.370
1461	14.60	-1.207	-1.712	-1.431	-0.219	1.697	3.804	5.473	6.165	5.580	3.722
1471	14.70	0.878	-2.461	-5.705	-8.283	-9.745	-9.855	-8.650	-6.442	-3.744	-1.130
1481	14.80	0.945	2.284	2.998	3.426	3.955	4.801	5.875	6.781	6.975	6.025
1491	14.90	3.839	0.780	-2.418	-4.883	-5.926	-5.283	-3.211	-0.394	2.306	4.123

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

INDEX NO. 2010 104-GR-1-70 U-D (U-D) SHINTONEGAWA BR. MAX. ACC. = -11.583 (GAL) T= 7.92 (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	4.608	3.705	1.699	-0.929	-3.659	-6.041	-7.739	-8.519	-8.241	-6.859
1511	15.10	-4.460	-1.300	2.185	5.430	7.852	8.989	8.623	6.869	4.053	0.816
1521	15.20	-2.228	-4.554	-5.851	-6.087	-5.479	-4.410	-3.303	-2.490	-2.114	-2.092
1531	15.30	-2.159	-1.961	-1.197	0.271	2.353	4.752	7.052	8.843	9.839	9.940
1541	15.40	9.226	7.894	6.176	4.265	2.283	0.291	-1.667	-3.535	-5.215	-6.579
1551	15.50	-7.484	-7.800	-7.428	-6.317	-4.487	-2.055	0.737	3.513	5.797	7.100
1561	15.60	7.053	5.537	2.772	-0.691	-4.088	-6.643	-7.798	-7.386	-5.688	-3.351
1571	15.70	-1.181	0.116	0.164	-0.965	-2.775	-4.511	-5.415	-4.980	-3.122	-0.216
1581	15.80	3.024	5.773	7.359	7.470	6.231	4.124	1.788	-0.217	-1.597	-2.365
1591	15.90	-2.754	-3.026	-3.283	-3.388	-3.025	-1.884	0.114	2.686	5.223	7.001
1601	16.00	7.479	6.557	4.645	2.515	0.972	0.496	1.025	1.982	2.548	2.065
1611	16.10	0.365	-2.113	-4.497	-5.863	-5.651	-3.926	-1.355	1.077	2.493	2.483
1621	16.20	1.243	-0.551	-2.080	-2.737	-2.358	-1.225	0.130	1.202	1.730	1.760
1631	16.30	1.529	1.289	1.148	1.039	0.810	0.375	-0.185	-0.641	-0.747	-0.418
1641	16.40	0.166	0.597	0.420	-0.623	-2.421	-4.487	-6.143	-6.812	-6.290	-4.845
1651	16.50	-3.104	-1.772	-1.311	-1.736	-2.629	-3.345	-3.331	-2.376	-0.702	1.165
1661	16.60	2.654	3.413	3.455	3.111	2.836	2.965	3.554	4.366	5.016	5.179
1671	16.70	4.752	3.893	2.917	2.116	1.599	1.244	0.781	-0.040	-1.289	-2.792
1681	16.80	-4.191	-5.108	-5.308	-4.795	-3.778	-2.535	-1.272	-0.034	1.248	2.633
1691	16.90	4.024	5.115	5.483	4.795	3.031	0.594	-1.780	-3.302	-3.487	-2.410
1701	17.00	-0.725	0.593	0.689	-0.748	-3.284	-5.884	-7.348	-6.862	-4.408	-0.829
1711	17.10	2.493	4.215	3.614	0.904	-2.852	-6.187	-7.844	-7.260	-4.730	-1.202
1721	17.20	2.193	4.615	5.796	6.005	5.766	5.504	5.311	4.959	4.122	2.668
1731	17.30	0.841	-0.783	-1.554	-1.083	0.533	2.707	4.606	5.505	5.085	3.524
1741	17.40	1.346	-0.873	-2.777	-4.342	-5.767	-7.230	-8.664	-9.691	-9.778	-8.521
1751	17.50	-5.923	-2.476	0.998	3.691	5.173	5.571	5.480	5.628	6.467	7.903
1761	17.60	9.307	9.814	8.767	6.086	2.374	-1.307	-3.882	-4.736	-3.968	-2.328
1771	17.70	-0.863	-0.429	-1.321	-3.160	-5.100	-6.225	-5.960	-4.303	-1.792	0.757
1781	17.80	2.602	3.349	3.049	2.094	0.991	0.147	-0.253	-0.233	0.075	0.538
1791	17.90	1.089	1.698	2.320	2.845	3.112	2.981	2.425	1.577	0.695	0.048
1801	18.00	-0.216	-0.150	0.009	-0.039	-0.486	-1.300	-2.206	-2.793	-2.710	-1.838
1811	18.10	-0.370	1.244	2.469	2.901	2.418	1.219	-0.264	-1.546	-2.254	-2.244
1821	18.20	-1.613	-0.627	0.388	1.144	1.455	1.252	0.579	-0.425	-1.549	-2.537
1831	18.30	-3.134	-3.157	-2.556	-1.447	-0.092	1.176	2.065	2.413	2.228	1.658
1841	18.40	0.909	0.163	-0.472	-0.949	-1.234	-1.252	-0.886	-0.038	1.278	2.862
1851	18.50	4.318	5.158	4.973	3.606	1.247	-1.597	-4.266	-6.177	-7.021	-6.843
1861	18.60	-5.990	-4.935	-4.078	-3.595	-3.410	-3.273	-2.916	-2.185	-1.114	0.111
1871	18.70	1.240	2.078	2.557	2.737	2.750	2.711	2.651	2.502	2.142	1.474
1881	18.80	0.506	-0.613	-1.612	-2.178	-2.070	-1.214	0.243	1.958	3.492	4.448
1891	18.90	4.612	4.028	2.990	1.928	1.245	1.158	1.614	2.314	2.848	2.868
1901	19.00	2.239	1.090	-0.249	-1.403	-2.119	-2.357	-2.289	-2.180	-2.239	-2.509
1911	19.10	-2.848	-3.023	-2.842	-2.274	-1.473	-0.709	-0.230	-0.142	-0.362	-0.667
1921	19.20	-0.820	-0.683	-0.270	0.293	0.865	1.388	1.916	2.548	3.313	4.074
1931	19.30	4.517	4.265	3.064	0.951	-1.684	-4.190	-5.890	-6.329	-5.460	-3.643
1941	19.40	-1.492	0.379	1.585	2.077	2.086	1.954	1.943	2.117	2.353	2.441
1951	19.50	2.224	1.683	0.925	0.106	-0.672	-1.405	-2.151	-2.935	-3.661	-4.094
1961	19.60	-3.950	-3.044	-1.433	0.542	2.346	3.442	3.512	2.581	1.008	-0.675
1971	19.70	-1.974	-2.618	-2.616	-2.179	-1.563	-0.924	-0.261	0.513	1.444	2.412
1981	19.80	3.111	3.155	2.264	0.446	-1.939	-4.265	-5.860	-6.260	-5.394	-3.607
1991	19.90	-1.512	0.255	1.282	1.509	1.205	0.811	0.719	1.103	1.855	2.658

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

INDEX NO. 2010 104-GR-1-70 U-D (U-D) SHINTONEGAWA BR. MAX. ACC. = -11.583 (GAL) T= 7.92 (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	3.139	3.041	2.329	1.199	-0.012	-0.967	-1.463	-1.500	-1.273	-1.076
2011	20.10	-1.170	-1.668	-2.468	-3.280	-3.725	-3.478	-2.407	-0.642	1.452	3.396
2021	20.20	4.767	5.346	5.191	4.583	3.881	3.341	2.990	2.608	1.857	0.475
2031	20.30	-1.533	-3.818	-5.771	-6.744	-6.316	-4.487	-1.729	1.185	3.454	4.535
2041	20.40	4.323	3.149	1.605	0.281	-0.460	-0.581	-0.321	-0.022	0.057	-0.143
2051	20.50	-0.482	-0.729	-0.702	-0.370	0.132	0.587	0.809	0.736	0.448	0.105
2061	20.60	-0.146	-0.255	-0.279	-0.338	-0.523	-0.840	-1.197	-1.465	-1.560	-1.502
2071	20.70	-1.402	-1.394	-1.529	-1.709	-1.708	-1.272	-0.271	1.194	2.775	3.993
2081	20.80	4.434	3.933	2.668	1.105	-0.193	-0.796	-0.582	0.228	1.194	1.869
2091	20.90	2.004	1.646	1.083	0.673	0.649	0.998	1.477	1.758	1.615	1.053
2101	21.00	0.319	-0.230	-0.319	0.080	0.714	1.154	1.003	0.097	-1.393	-3.020
2111	21.10	-4.242	-4.655	-4.160	-2.996	-1.627	-0.546	-0.082	-0.294	-0.987	-1.824
2121	21.20	-2.471	-2.710	-2.681	-1.852	-0.949	0.096	1.175	2.200	3.089	3.760
2131	21.30	4.153	4.256	4.122	3.855	3.567	3.333	3.155	2.968	2.677	2.205
2141	21.40	1.529	0.688	-0.235	-1.144	-1.945	-2.550	-2.872	-2.835	-2.407	-1.649
2151	21.50	-0.747	0.001	0.265	-0.184	-1.359	-2.999	-4.629	-5.713	-5.859	-4.967
2161	21.60	-3.275	-1.249	0.599	1.915	2.612	2.845	2.882	2.936	3.053	3.106
2171	21.70	2.902	2.324	1.425	0.428	-0.387	-0.824	-0.881	-0.741	-0.666	-0.836
2181	21.80	-1.234	-1.636	-1.729	-1.286	-0.312	0.930	2.023	2.596	2.498	1.868
2191	21.90	1.062	0.464	0.287	0.467	0.708	0.654	0.093	-0.902	-1.988	-2.712
2201	22.00	-2.729	-1.986	-0.755	0.480	1.248	1.296	0.699	-0.201	-0.965	-1.266
2211	22.10	-1.022	-0.402	0.291	0.788	0.985	0.959	0.890	0.915	1.027	1.062
2221	22.20	0.793	0.078	-1.021	-2.217	-3.099	-3.313	-2.725	-1.504	-0.059	1.125
2231	22.30	1.690	1.540	0.863	0.021	-0.620	-0.843	-0.649	-0.203	0.277	0.647
2241	22.40	0.891	1.091	1.324	1.569	1.669	1.399	0.587	-0.750	-2.359	-3.807
2251	22.50	-4.644	-4.594	-3.679	-2.222	-0.716	0.387	0.850	0.749	0.402	0.213
2261	22.60	0.466	1.199	2.191	3.072	3.490	3.261	2.434	1.244	-0.002	-1.061
2271	22.70	-1.828	-2.344	-2.728	-3.093	-3.489	-3.879	-4.180	-4.300	-4.179	-3.787
2281	22.80	-3.122	-2.192	-1.025	0.301	1.643	2.796	3.547	3.752	3.409	2.684
2291	22.90	1.862	1.244	1.028	1.233	1.700	2.177	2.434	2.369	2.030	1.576
2301	23.00	1.171	0.902	0.746	0.608	0.413	0.179	0.034	0.157	0.660	1.495
2311	23.10	2.417	3.058	3.074	2.300	0.850	-0.906	-2.461	-3.356	-3.341	-2.457
2321	23.20	-0.998	0.604	1.930	2.694	2.792	2.281	1.322	0.110	-1.165	-2.333
2331	23.30	-3.248	-3.788	-3.875	-3.504	-2.761	-1.814	-0.885	-0.190	0.113	-0.041
2341	23.40	-0.616	-1.492	-2.490	-3.411	-4.062	-4.287	-4.000	-3.207	-2.016	-0.615
2351	23.50	0.775	1.961	2.840	3.409	3.747	3.941	4.034	3.984	3.699	3.106
2361	23.60	2.230	1.233	0.383	-0.057	0.047	0.612	1.338	1.820	1.718	0.915
2371	23.70	-0.411	-1.844	-2.893	-3.190	-2.638	-1.438	0.005	1.260	2.036	2.269
2381	23.80	2.093	1.729	1.348	0.987	0.561	-0.056	-0.905	-1.876	-2.718	-3.134
2391	23.90	-2.925	-2.086	-0.832	0.479	1.482	1.944	1.838	1.322	0.654	0.071
2401	24.00	-0.305	-0.483	-0.569	-0.681	-0.881	-1.148	-1.395	-1.520	-1.458	-1.197
2411	24.10	-0.775	-0.248	0.336	0.942	1.536	2.062	2.440	2.591	2.472	2.115
2421	24.20	1.634	1.184	0.891	0.783	0.758	0.609	0.117	-0.841	-2.210	-3.745
2431	24.30	-5.074	-5.827	-5.770	-4.883	-3.359	-1.527	0.280	1.833	3.059	4.020
2441	24.40	4.831	5.559	6.171	6.525	6.436	5.764	4.492	2.754	0.804	-1.052
2451	24.50	-2.549	-3.524	-3.942	-3.877	-3.470	-2.878	-2.240	-1.661	-1.206	-0.906
2461	24.60	-0.762	-0.741	-0.784	-0.813	-0.749	-0.538	-0.169	0.316	0.829	1.259
2471	24.70	1.501	1.485	1.195	0.677	0.026	-0.628	-1.159	-1.469	-1.520	-1.337
2481	24.80	-1.010	-0.657	-0.390	-0.277	-0.312	-0.423	-0.498	-0.429	-0.161	0.287
2491	24.90	0.817	1.287	1.563	1.564	1.297	0.853	0.384	0.057	-0.006	0.241

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

INDEX NO. 2010 104-GR-1-70 U-D (U-D) SHINTONEGAWA BR. MAX. ACC. = -11.583 (GAL) T= 7.92 (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	0.746	1.377	1.956	2.318	2.364	2.092	1.602	1.056	0.620	0.389
2511	25.10	0.349	0.373	0.273	-0.115	-0.855	-1.864	-2.932	-3.802	-4.267	-4.256
2521	25.20	-3.854	-3.257	-2.674	-2.228	-1.898	-1.542	-0.974	-0.071	1.148	2.508
2531	25.30	3.745	4.602	4.931	4.733	4.136	3.319	2.433	1.550	0.667	-0.244
2541	25.40	-1.175	-2.051	-2.744	-3.124	-3.119	-2.750	-2.117	-1.357	-0.587	0.129
2551	25.50	0.774	1.337	1.773	1.997	1.907	1.441	0.630	-0.391	-1.423	-2.276
2561	25.60	-2.846	-3.141	-3.255	-3.294	-3.302	-3.220	-2.926	-2.310	-1.375	-0.280
2571	25.70	0.692	1.240	1.176	0.520	-0.484	-1.462	-2.050	-2.036	-1.435	-0.462
2581	25.80	0.576	1.413	1.927	2.162	2.270	2.416	2.681	3.029	3.335	3.463
2591	25.90	3.339	2.994	2.546	2.140	1.875	1.758	1.697	1.550	1.185	0.542
2601	26.00	-0.345	-1.352	-2.307	-3.034	-3.399	-3.342	-2.891	-2.161	-1.336	-0.631
2611	26.10	-0.236	-0.260	-0.680	-1.327	-1.932	-2.200	-1.926	-1.081	0.162	1.464
2621	26.20	2.439	2.787	2.403	1.413	0.124	-1.090	-1.925	-2.240	-2.078	-1.616
2631	26.30	-1.065	-0.574	-0.183	0.164	0.558	1.050	1.605	2.109	2.417	2.424
2641	26.40	2.115	1.563	0.899	0.239	-0.361	-0.915	-1.475	-2.066	-2.632	-3.030
2651	26.50	-3.067	-2.587	-1.548	-0.074	1.565	3.033	4.035	4.410	4.176	3.501
2661	26.60	2.629	1.781	1.087	0.559	0.124	-0.312	-0.809	-1.356	-1.881	-2.292
2671	26.70	-2.522	-2.558	-2.439	-2.228	-1.975	-1.693	-1.355	-0.927	-0.399	0.183
2681	26.80	0.719	1.081	1.158	0.903	0.358	-0.355	-1.070	-1.625	-1.911	-1.895
2691	26.90	-1.622	-1.185	-0.690	-0.225	0.163	0.464	0.700	0.900	1.086	1.265
2701	27.00	1.425	1.551	1.630	1.656	1.642	1.605	1.564	1.525	1.480	1.402
2711	27.10	1.257	1.017	0.675	0.256	-0.188	-0.591	-0.891	-1.058	-1.100	-1.058
2721	27.20	-0.988	-0.931	-0.888	-0.819	-0.652	-0.323	0.191	0.846	1.533	2.193
2731	27.30	2.420	2.399	2.041	1.425	0.679	-0.066	-0.720	-1.250	-1.668	-1.999
2741	27.40	-2.245	-2.364	-2.281	-1.921	-1.256	-0.348	0.653	1.537	2.097	2.203
2751	27.50	1.850	1.169	0.388	-0.242	-0.537	-0.442	-0.050	0.431	0.762	0.764
2761	27.60	0.396	-0.228	-0.871	-1.270	-1.242	-0.764	-0.000	0.755	1.186	1.085
2771	27.70	0.447	-0.508	-1.408	-1.859	-1.600	-0.604	0.895	2.484	3.715	4.256
2781	27.80	3.998	3.074	1.787	0.486	-0.559	-1.232	-1.570	-1.710	-1.793	-1.894
2791	27.90	-1.998	-2.020	-1.869	-1.492	-0.910	-0.204	0.524	1.184	1.728	2.142
2801	28.00	2.428	2.582	2.584	2.413	2.069	1.591	1.052	0.540	0.124	-0.175
2811	28.10	-0.385	-0.568	-0.787	-1.073	-1.421	-1.793	-2.153	-2.481	-2.782	-3.064
2821	28.20	-3.317	-3.489	-3.497	-3.257	-2.725	-1.936	-1.002	-0.082	0.676	1.195
2831	28.30	1.488	1.650	1.797	2.008	2.274	2.499	2.539	2.272	1.659	0.779
2841	28.40	-0.194	-1.044	-1.584	-1.720	-1.474	-0.963	-0.358	0.176	0.523	0.638
2851	28.50	0.541	0.298	-0.009	-0.303	-0.527	-0.651	-0.667	-0.586	-0.435	-0.241
2861	28.60	-0.030	0.179	0.376	0.554	0.705	0.812	0.851	0.795	0.630	0.359
2871	28.70	0.011	-0.370	-0.727	-1.012	-1.189	-1.243	-1.174	-0.996	-0.733	-0.416
2881	28.80	-0.083	0.222	0.453	0.576	0.569	0.433	0.181	-0.165	-0.584	-1.051
2891	28.90	-1.534	-1.981	-2.317	-2.455	-2.325	-1.909	-1.262	-0.515	0.157	0.587
2901	29.00	0.679	0.442	-0.012	-0.510	-0.885	-1.040	-0.976	-0.783	-0.593	-0.514
2911	29.10	-0.587	-0.769	-0.961	-1.050	-0.958	-0.671	-0.233	0.271	0.756	1.158
2921	29.20	1.447	1.626	1.720	1.763	1.795	1.848	1.939	2.057	2.154	2.155
2931	29.30	1.982	1.588	0.997	0.313	-0.301	-0.674	-0.697	-0.370	0.186	0.776
2941	29.40	1.205	1.351	1.210	0.887	0.539	0.295	0.203	0.220	0.242	0.179
2951	29.50	0.003	-0.230	-0.411	-0.437	-0.274	0.023	0.323	0.484	0.417	0.123
2961	29.60	-0.308	-0.738	-1.044	-1.158	-1.089	-0.894	-0.648	-0.410	-0.216	-0.089
2971	29.70	-0.060	-0.166	-0.441	-0.879	-1.408	-1.891	-2.161	-2.086	-1.632	-0.892
2981	29.80	-0.064	0.616	0.963	0.913	0.536	0.005	-0.489	-0.810	-0.928	-0.910
2991	29.90	-0.868	-0.891	-0.992	-1.104	-1.110	-0.909	-0.467	0.160	0.847	1.454

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

INDEX NO. 2010 104-GR-1-70 U-D (U-D) SHINTONEGAWA BR. MAX. ACC. = -11.583 (GAL) T= 7.92 (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	1.881	2.107	2.183	2.206	2.261	2.382	2.540	2.661	2.666	2.514
3011	30.10	2.223	1.860	1.513	1.248	1.077	0.958	0.817	0.590	0.263	-0.110
3021	30.20	-0.420	-0.548	-0.415	-0.020	0.544	1.123	1.553	1.715	1.576	1.192
3031	30.30	0.676	0.150	-0.301	-0.646	-0.903	-1.103	-1.252	-1.322	-1.258	-1.014
3041	30.40	-0.591	-0.054	0.478	0.878	1.059	1.010	0.796	0.521	0.273	0.081
3051	30.50	-0.096	-0.338	-0.707	-1.190	-1.677	-1.996	-1.976	-1.531	-0.713	0.290
3061	30.60	1.212	1.806	1.935	1.614	0.995	0.295	-0.297	-0.693	-0.929	-1.124
3071	30.70	-1.409	-1.849	-2.396	-2.905	-3.192	-3.114	-2.629	-1.822	-0.871	0.022
3081	30.80	0.698	1.089	1.223	1.189	1.082	0.966	0.852	0.718	0.543	0.331
3091	30.90	0.123	-0.029	-0.090	-0.075	-0.044	-0.072	-0.207	-0.430	-0.649	-0.742
3101	31.00	-0.618	-0.285	0.135	0.437	0.619	-0.017	-0.797	-1.680	-2.338	-2.485
3111	31.10	-2.006	-1.012	0.183	1.178	1.638	1.425	0.639	-0.419	-1.377	-1.924
3121	31.20	-1.918	-1.414	-0.613	0.235	0.923	1.348	1.510	1.475	1.323	1.111
3131	31.30	0.867	0.603	0.332	0.077	-0.140	-0.318	-0.484	-0.684	-0.957	-1.303
3141	31.40	-1.669	-1.963	-2.092	-2.001	-1.703	-1.266	-0.784	-0.327	0.077	0.445
3151	31.50	0.799	1.125	1.363	1.418	1.216	0.764	0.174	-0.354	-0.613	-0.473
3161	31.60	0.043	0.757	1.396	1.702	1.531	0.918	0.049	-0.816	-1.454	-1.762
3171	31.70	-1.781	-1.651	-1.530	-1.513	-1.589	-1.658	-1.590	-1.297	-0.774	-0.108
3181	31.80	0.567	1.124	1.494	1.681	1.751	1.789	1.868	2.016	2.221	2.441
3191	31.90	2.623	2.720	2.702	2.555	2.283	1.910	1.478	1.040	0.650	0.343
3201	32.00	0.125	-0.031	-0.170	-0.336	-0.553	-0.811	-1.076	-1.311	-1.495	-1.634
3211	32.10	-1.751	-1.869	-1.982	-2.047	-1.994	-1.756	-1.308	-0.684	0.016	0.663
3221	32.20	1.134	1.361	1.345	1.153	0.882	0.623	0.433	0.321	0.264	0.224
3231	32.30	0.176	0.112	0.040	-0.034	-0.110	-0.205	-0.335	-0.508	-0.706	-0.890
3241	32.40	-1.004	-1.004	-0.865	-0.602	-0.259	0.103	0.423	0.658	0.785	0.803
3251	32.50	0.720	0.548	0.302	0.003	-0.314	-0.602	-0.804	-0.869	-0.773	-0.529
3261	32.60	-0.195	0.145	0.405	0.522	0.484	0.328	0.131	-0.022	-0.069	0.009
3271	32.70	0.164	0.399	0.589	0.712	0.760	0.754	0.730	0.713	0.704	0.677
3281	32.80	0.592	0.421	0.162	-0.146	-0.436	-0.632	-0.672	-0.534	-0.239	0.156
3291	32.90	0.568	0.918	1.146	1.220	1.142	0.940	0.655	0.337	0.026	-0.245
3301	33.00	-0.456	-0.597	-0.665	-0.655	-0.568	-0.408	-0.188	0.068	0.324	0.543
3311	33.10	0.697	0.777	0.794	0.777	0.755	0.746	0.744	0.725	0.661	0.536
3321	33.20	0.361	0.169	0.002	-0.111	-0.168	-0.205	-0.271	-0.409	-0.626	-0.888
3331	33.30	-1.129	-1.273	-1.269	-1.108	-0.821	-0.463	-0.088	0.264	0.577	0.841
3341	33.40	1.042	1.155	1.148	1.003	0.731	0.376	0.000	-0.342	-0.629	-0.878
3351	33.50	-1.122	-1.377	-1.608	-1.718	-1.586	-1.117	-0.312	0.702	1.691	2.381
3361	33.60	2.556	2.144	1.245	0.099	-1.000	-1.811	-2.217	-2.254	-2.062	-1.810
3371	33.70	-1.618	-1.516	-1.452	-1.340	-1.122	-0.806	-0.459	-0.180	-0.042	-0.056
3381	33.80	-0.172	-0.306	-0.386	-0.392	-0.363	-0.369	-0.471	-0.678	-0.933	-1.132
3391	33.90	-1.169	-0.979	-0.573	-0.032	0.524	0.978	1.255	1.336	1.252	1.058
3401	34.00	0.810	0.552	0.310	0.108	-0.029	-0.075	-0.010	0.163	0.418	0.709
3411	34.10	0.986	1.212	1.374	1.477	1.523	1.503	1.383	1.126	0.716	0.185
3421	34.20	-0.378	-0.844	-1.086	-1.030	-0.689	-0.164	0.390	0.820	1.023	0.976
3431	34.30	0.728	0.355	-0.074	-0.524	-0.994	-1.482	-1.955	-2.337	-2.524	-2.429
3441	34.40	-2.029	-1.386	-0.637	0.055	0.567	0.854	0.957	0.969	0.979	1.031
3451	34.50	1.113	1.187	1.230	1.270	1.379	1.628	2.024	2.469	2.772	2.715
3461	34.60	2.159	1.128	-0.167	-1.382	-2.168	-2.305	-1.798	-0.877	0.092	0.749
3471	34.70	0.880	0.485	-0.243	-1.021	-1.599	-1.856	-1.835	-1.688	-1.584	-1.628
3481	34.80	-1.810	-2.026	-2.136	-2.041	-1.726	-1.260	-0.751	-0.295	0.077	0.401
3491	34.90	0.754	1.205	1.767	2.381	2.926	3.261	3.275	2.921	2.235	1.318

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

INDEX NO. 2010 104-GR-1-70 U-D (U-D) SHINTONEGAWA BR. MAX. ACC. = -11.583 (GAL) T= 7.92 (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	0.309	-0.657	-1.482	-2.114	-2.555	-2.836	-3.000	-3.073	-3.053	-2.909
3511	35.10	-2.603	-2.107	-1.435	-0.645	0.159	0.865	1.379	1.661	1.735	1.677
3521	35.20	1.583	1.531	1.555	1.636	1.722	1.753	1.693	1.547	1.352	1.161
3531	35.30	1.014	0.923	0.871	0.822	0.749	0.641	0.511	0.388	0.297	0.247
3541	35.40	0.227	0.210	0.168	0.090	-0.017	-0.127	-0.212	-0.253	-0.253	-0.231
3551	35.50	-0.218	-0.238	-0.298	-0.386	-0.479	-0.553	-0.598	-0.621	-0.644	-0.696
3561	35.60	-0.790	-0.923	-1.070	-1.194	-1.258	-1.242	-1.148	-0.995	-0.811	-0.622
3571	35.70	-0.439	-0.266	-0.099	0.062	0.211	0.339	0.444	0.544	0.670	0.860
3581	35.80	1.136	1.483	1.837	2.099	2.159	1.941	1.433	0.696	-0.146	-0.951
3591	35.90	-1.599	-2.025	-2.227	-2.250	-2.152	-1.976	-1.734	-1.415	-1.013	-0.541
3601	36.00	-0.048	0.397	0.726	0.902	0.927	0.845	0.715	0.588	0.487	0.410
3611	36.10	0.336	0.252	0.157	0.070	0.010	-0.014	-0.017	-0.029	-0.077	-0.173
3621	36.20	-0.297	-0.406	-0.456	-0.417	-0.298	-0.137	0.015	0.121	0.173	0.197
3631	36.30	0.239	0.335	0.497	0.703	0.909	1.070	1.161	1.186	1.171	1.144
3641	36.40	1.120	1.095	1.047	0.957	0.821	0.659	0.502	0.377	0.287	0.210
3651	36.50	0.105	-0.067	-0.320	-0.632	-0.950	-1.211	-1.363	-1.387	-1.299	-1.136
3661	36.60	-0.945	-0.757	-0.588	-0.442	-0.314	-0.206	-0.123	-0.071	-0.047	-0.035
3671	36.70	-0.014	0.032	0.105	0.184	0.236	0.229	0.150	0.011	-0.152	-0.298
3681	36.80	-0.394	-0.436	-0.441	-0.439	-0.454	-0.492	-0.538	-0.564	-0.547	-0.479
3691	36.90	-0.371	-0.247	-0.127	-0.018	0.083	0.185	0.294	0.402	0.496	0.563
3701	37.00	0.608	0.651	0.718	0.823	0.950	1.044	1.035	0.865	0.524	0.071
3711	37.10	-0.380	-0.694	-0.772	-0.586	-0.195	0.274	0.683	0.929	0.985	0.893
3721	37.20	0.737	0.595	0.501	0.435	0.342	0.171	-0.088	-0.396	-0.672	-0.831
3731	37.30	-0.821	-0.643	-0.350	-0.016	0.289	0.527	0.697	0.818	0.910	0.978
3741	37.40	1.008	0.984	0.894	0.750	0.574	0.392	0.214	0.029	-0.184	-0.441
3751	37.50	-0.731	-1.012	-1.220	-1.297	-1.217	-1.005	-0.724	-0.458	-0.274	-0.197
3761	37.60	-0.205	-0.247	-0.266	-0.233	-0.151	-0.054	0.014	0.021	-0.038	-0.143
3771	37.70	-0.266	-0.381	-0.477	-0.559	-0.635	-0.714	-0.796	-0.880	-0.969	-1.074
3781	37.80	-1.208	-1.380	-1.577	-1.765	-1.894	-1.917	-1.811	-1.592	-1.306	-1.012
3791	37.90	-0.754	-0.545	-0.356	-0.140	0.147	0.517	0.939	1.349	1.674	1.857
3801	38.00	1.878	1.754	1.530	1.259	0.986	0.743	0.549	0.417	0.359	0.385
3811	38.10	0.494	0.672	0.890	1.111	1.305	1.449	1.538	1.571	1.549	1.469
3821	38.20	1.329	1.138	0.917	0.704	0.538	0.443	0.410	0.402	0.364	0.253
3831	38.30	0.060	-0.183	-0.418	-0.591	-0.680	-0.712	-0.749	-0.854	-1.061	-1.353
3841	38.40	-1.670	-1.946	-2.136	-2.249	-2.332	-2.441	-2.598	-2.769	-2.867	-2.794
3851	38.50	-2.489	-1.967	-1.320	-0.682	-0.174	0.148	0.304	0.371	0.435	0.549
3861	38.60	0.708	0.867	0.978	1.023	1.029	1.048	1.118	1.232	1.333	1.343
3871	38.70	1.211	0.950	0.641	0.397	0.302	0.366	0.508	0.603	0.545	0.316
3881	38.80	0.000	-0.245	-0.273	-0.023	0.441	0.947	1.296	1.353	1.105	0.661
3891	38.90	0.193	-0.149	-0.304	-0.313	-0.271	-0.256	-0.269	-0.228	-0.019	0.425
3901	39.00	1.060	1.715	2.151	2.161	1.662	0.749	-0.343	-1.323	-1.952	-2.126
3911	39.10	-1.889	-1.393	-0.815	-0.283	0.152	0.507	0.821	1.107	1.338	1.458
3921	39.20	1.426	1.239	0.954	0.657	0.433	0.325	0.325	0.381	0.435	0.446
3931	39.30	0.404	0.325	0.229	0.122	-0.005	-0.165	-0.355	-0.546	-0.688	-0.733
3941	39.40	-0.659	-0.484	-0.264	-0.062	0.072	0.132	0.143	0.151	0.184	0.243
3951	39.50	0.293	0.289	0.197	0.019	-0.212	-0.443	-0.636	-0.779	-0.893	-1.012
3961	39.60	-1.158	-1.318	-1.448	-1.488	-1.392	-1.158	-0.829	-0.482	-0.197	-0.022
3971	39.70	0.041	0.034	0.020	0.056	0.169	0.350	0.559	0.751	0.890	0.960
3981	39.80	0.970	0.939	0.887	0.829	0.769	0.704	0.626	0.532	0.414	0.271
3991	39.90	0.100	-0.100	-0.325	-0.570	-0.821	-1.060	-1.268	-1.426	-1.514	-1.520

Table 7-8-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 2010 104-GR-1-70 U-D (U-D) SHINTONEGAWA BR. MAX. ACC. = -11.583 (GAL) T= 7.92 (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	-1.435	-1.261	-1.012	-0.711	-0.392	-0.088	0.174	0.377	0.521	0.615
4011	40.10	0.670	0.694	0.687	0.643	0.556	0.429	0.274	0.114	-0.026	-0.128
4021	40.20	-0.189	-0.219	-0.238	-0.266	-0.312	-0.376	-0.445	-0.499	-0.524	-0.509
4031	40.30	-0.457	-0.376	-0.281	-0.185	-0.101	-0.037	0.005	0.031	0.051	0.078
4041	40.40	0.127	0.203	0.298	0.395	0.467	0.490	0.452	0.360	0.241	0.129
4051	40.50	0.056	0.034	0.057	0.095	0.113	0.085	0.005	-0.114	-0.237	-0.331
4061	40.60	-0.370	-0.347	-0.273	-0.172	-0.064	0.035	0.127	0.218	0.319	0.431
4071	40.70	0.548	0.653	0.724	0.742	0.696	0.588	0.431	0.246	0.063	-0.083
4081	40.80	-0.157	-0.129	0.019	0.287	0.650	1.057	1.443	1.739	1.891	1.874
4091	40.90	1.698	1.402	1.045	0.681	0.350	0.067	-0.173	-0.388	-0.597	-0.809
4101	41.00	-1.019	-1.217	-1.389	-1.529	-1.636	-1.710	-1.751	-1.750	-1.690	-1.557
4111	41.10	-1.342	-1.053	-0.713	-0.353	-0.008	0.302	0.569	0.797	0.995	1.165
4121	41.20	1.299	1.380	1.391	1.325	1.191	1.012	0.820	0.639	0.484	0.349
4131	41.30	0.222	0.088	-0.058	-0.206	-0.342	-0.449	-0.521	-0.563	-0.593	-0.634
4141	41.40	-0.699	-0.790	-0.896	-0.999	-1.078	-1.115	-1.100	-1.032	-0.915	-0.762
4151	41.50	-0.591	-0.432	-0.312	-0.252	-0.253	-0.291	-0.322	-0.297	-0.186	0.003
4161	41.60	0.219	0.380	0.408	0.256	-0.058	-0.458	-0.829	-1.060	-1.088	-0.917
4171	41.70	-0.617	-0.292	-0.037	0.098	0.119	0.080	0.047	0.067	0.154	0.284
4181	41.80	0.417	0.525	0.605	0.677	0.770	0.897	1.043	1.165	1.214	1.153
4191	41.90	0.983	0.740	0.484	0.271	0.134	0.071	0.052	0.036	-0.006	-0.082
4201	42.00	-0.178	-0.273	-0.356	-0.433	-0.524	-0.656	-0.836	-1.049	-1.252	-1.390
4211	42.10	-1.411	-1.290	-1.037	-0.695	-0.330	-0.007	0.222	0.336	0.341	0.273
4221	42.20	0.176	0.096	0.061	0.080	0.139	0.208	0.254	0.253	0.198	0.105
4231	42.30	0.000	-0.080	-0.109	-0.072	0.034	0.197	0.406	0.648	0.907	1.168
4241	42.40	1.404	1.583	1.672	1.648	1.513	1.290	1.024	0.763	0.542	0.370
4251	42.50	0.226	0.077	-0.113	-0.350	-0.611	-0.839	-0.962	-0.920	-0.682	-0.262
4261	42.60	0.281	0.859	1.375	1.749	1.937	1.934	1.776	1.521	1.230	0.949
4271	42.70	0.696	0.462	0.225	-0.033	-0.309	-0.567	-0.757	-0.823	-0.741	-0.529
4281	42.80	-0.250	0.006	0.156	0.156	0.014	-0.212	-0.442	-0.610	-0.688	-0.695
4291	42.90	-0.681	-0.696	-0.768	-0.886	-1.016	-1.121	-1.182	-1.210	-1.235	-1.288
4301	43.00	-1.371	-1.457	-1.492	-1.431	-1.256	-0.996	-0.713	-0.475	-0.328	-0.269
4311	43.10	-0.255	-0.225	-0.135	0.016	0.182	0.294	0.288	0.141	-0.121	-0.432
4321	43.20	-0.715	-0.914	-1.004	-0.999	-0.926	-0.809	-0.658	-0.467	-0.227	0.056
4331	43.30	0.360	0.651	0.895	1.079	1.211	1.315	1.414	1.516	1.606	1.654
4341	43.40	1.632	1.526	1.351	1.137	0.925	0.744	0.608	0.515	0.456	0.426
4351	43.50	0.424	0.447	0.481	0.499	0.464	0.343	0.132	-0.144	-0.424	-0.643
4361	43.60	-0.749	-0.735	-0.634	-0.514	-0.440	-0.454	-0.552	-0.693	-0.822	-0.890
4371	43.70	-0.883	-0.819	-0.737	-0.675	-0.652	-0.658	-0.667	-0.646	-0.578	-0.468
4381	43.80	-0.336	-0.210	-0.111	-0.044	-0.003	0.030	0.070	0.123	0.191	0.270
4391	43.90	0.358	0.454	0.558	0.668	0.778	0.880	0.966	1.032	1.077	1.105
4401	44.00	1.116	1.106	1.066	0.981	0.845	0.658	0.429	0.175	-0.086	-0.341
4411	44.10	-0.585	-0.813	-1.017	-1.182	-1.281	-1.290	-1.186	-0.966	-0.649	-0.271
4421	44.20	0.120	0.477	0.765	0.964	1.072	1.095	1.043	0.924	0.745	0.510
4431	44.30	0.227	-0.089	-0.414	-0.716	-0.958	-1.109	-1.150	-1.077	-0.910	-0.684
4441	44.40	-0.445	-0.234	-0.081	0.004	0.032	0.027	0.017	0.022	0.047	0.086
4451	44.50	0.123	0.147	0.154	0.154	0.161	0.193	0.256	0.348	0.453	0.592
4461	44.60	0.631	0.684	0.716	0.738	0.761	0.789	0.812	0.813	0.767	0.657
4471	44.70	0.474	0.231	-0.047	-0.327	-0.574	-0.764	-0.888	-0.951	-0.965	-0.942
4481	44.80	-0.888	-0.802	-0.674	-0.498	-0.276	-0.026	0.228	0.452	0.620	0.716
4491	44.90	0.738	0.694	0.598	0.460	0.292	0.101	-0.103	-0.306	-0.492	-0.647

Table 7-8-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2010 104-GR-1-70 U-D (U-D) SHINTONEGAWA BR. MAX. ACC. = -11.583 (GAL) T= 7.92 (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	-0.767	-0.853	-0.913	-0.950	-0.957	-0.916	-0.805	-0.612	-0.342	-0.029
4511	45.10	0.281	0.543	0.731	0.851	0.930	0.997	1.063	1.103	1.065	0.898
4521	45.20	0.584	0.165	-0.258	-0.558	-0.632	-0.452	-0.083	0.326	0.604	0.618
4531	45.30	0.329	-0.190	-0.790	-1.306	-1.620	-1.709	-1.642	-1.538	-1.506	-1.595
4541	45.40	-1.774	-1.954	-2.030	-1.937	-1.676	-1.313	-0.946	-0.661	-0.498	-0.441
4551	45.50	-0.430	-0.402	-0.310	-0.148	0.057	0.268	0.451	0.595	0.706	0.796
4561	45.60	0.874	0.933	0.966	0.970	0.958	0.963	1.016	1.139	1.320	1.517
4571	45.70	1.672	1.734	1.680	1.529	1.335	1.158	1.040	0.984	0.955	0.892
4581	45.80	0.744	0.491	0.158	-0.199	-0.513	-0.735	-0.855	-0.895	-0.899	-0.903
4591	45.90	-0.920	-0.935	-0.912	-0.824	-0.661	-0.446	-0.223	-0.034	0.100	0.188
4601	46.00	0.265	0.370	0.523	0.708	0.879	0.976	0.951	0.795	0.540	0.251
4611	46.10	-0.005	-0.181	-0.271	-0.299	-0.309	-0.335	-0.387	-0.451	-0.498	-0.507
4621	46.20	-0.482	-0.449	-0.444	-0.492	-0.590	-0.701	-0.770	-0.750	-0.626	-0.427
4631	46.30	-0.214	-0.056	0.001	-0.045	-0.152	-0.249	-0.272	-0.191	-0.018	0.195
4641	46.40	0.387	0.512	0.558	0.554	0.551	0.596	0.712	0.888	1.084	1.244
4651	46.50	1.324	1.305	1.194	1.023	0.833	0.660	0.526	0.437	0.382	0.342
4661	46.60	0.293	0.216	0.096	-0.071	-0.275	-0.499	-0.720	-0.914	-1.072	-1.194
4671	46.70	-1.290	-1.375	-1.456	-1.526	-1.565	-1.549	-1.460	-1.295	-1.074	-0.832
4681	46.80	-0.604	-0.417	-0.282	-0.190	-0.130	-0.091	-0.075	-0.091	-0.164	-0.225
4691	46.90	-0.303	-0.331	-0.263	-0.072	0.230	0.595	0.953	1.237	1.408	1.472
4701	47.00	1.475	1.479	1.538	1.669	1.846	2.010	2.093	2.044	1.850	1.536
4711	47.10	1.157	0.776	0.440	0.176	-0.019	-0.161	-0.270	-0.361	-0.441	-0.509
4721	47.20	-0.562	-0.598	-0.621	-0.637	-0.650	-0.668	-0.694	-0.735	-0.794	-0.871
4731	47.30	-0.960	-1.047	-1.109	-1.124	-1.074	-0.954	-0.770	-0.541	-0.287	-0.025
4741	47.40	0.231	0.469	0.670	0.807	0.845	0.753	0.524	0.182	-0.207	-0.555
4751	47.50	-0.775	-0.808	-0.647	-0.339	0.030	0.371	0.620	0.764	0.834	0.891
4761	47.60	0.989	1.151	1.353	1.537	1.637	1.606	1.438	1.167	0.855	0.558
4771	47.70	0.308	0.102	-0.090	-0.297	-0.533	-0.776	-0.981	-1.092	-1.074	-0.926
4781	47.80	-0.686	-0.420	-0.191	-0.041	0.021	0.017	-0.017	-0.053	-0.082	-0.115
4791	47.90	-0.174	-0.275	-0.413	-0.565	-0.699	-0.790	-0.832	-0.846	-0.863	-0.914
4801	48.00	-1.006	-1.121	-1.214	-1.238	-1.161	-0.983	-0.737	-0.475	-0.251	-0.099
4811	48.10	-0.021	0.006	0.019	0.049	0.106	0.181	0.254	0.304	0.328	0.341
4821	48.20	0.369	0.434	0.544	0.679	0.803	0.873	0.860	0.757	0.588	0.392
4831	48.30	0.209	0.068	-0.029	-0.098	-0.164	-0.249	-0.358	-0.478	-0.586	-0.661
4841	48.40	-0.693	-0.689	-0.671	-0.663	-0.685	-0.741	-0.820	-0.905	-0.977	-1.025
4851	48.50	-1.049	-1.053	-1.048	-1.038	-1.027	-1.016	-1.005	-0.993	-0.978	-0.952
4861	48.60	-0.901	-0.807	-0.657	-0.446	-0.189	0.082	0.333	0.535	0.680	0.788
4871	48.70	0.891	1.024	1.203	1.409	1.598	1.713	1.710	1.582	1.360	1.106
4881	48.80	0.886	0.748	0.696	0.699	0.703	0.662	0.556	0.397	0.224	0.073
4891	48.90	-0.034	-0.106	-0.173	-0.263	-0.389	-0.530	-0.645	-0.689	-0.638	-0.500
4901	49.00	-0.315	-0.134	0.004	0.093	0.156	0.237	0.368	0.549	0.745	0.895
4911	49.10	0.943	0.865	0.676	0.429	0.188	0.003	-0.112	-0.172	-0.209	-0.245
4921	49.20	-0.277	-0.273	-0.193	-0.008	0.272	0.604	0.918	1.147	1.248	1.215
4931	49.30	1.075	0.866	0.622	0.364	0.098	-0.167	-0.410	-0.594	-0.677	-0.635
4941	49.40	-0.473	-0.236	0.007	0.188	0.261	0.221	0.099	-0.063	-0.228	-0.384
4951	49.50	-0.540	-0.709	-0.892	-1.060	-1.162	-1.165	-0.979	-0.679	-0.304	0.063
4961	49.60	0.343	0.495	0.522	0.471	0.405	0.374	0.404	0.486	0.591	0.687
4971	49.70	0.755	0.788	0.794	0.781	0.751	0.703	0.638	0.561	0.487	0.432
4981	49.80	0.403	0.394	0.382	0.342	0.255	0.120	-0.041	-0.201	-0.336	-0.439
4991	49.90	-0.525	-0.614	-0.723	-0.846	-0.954	-1.004	-0.982	-0.820	-0.604	-0.363

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

INDEX NO. 2010 104-GR-1-70 U-D (U-D) SHINTONEGAWA BR. MAX. ACC. = -11.583 (GAL) T= 7.92 (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	-0.148	0.007	0.101	0.163	0.231	0.333	0.465	0.596	0.680	0.676
5011	50.10	0.577	0.406	0.212	0.051	-0.043	-0.065	-0.040	-0.009	-0.008	-0.055
5021	50.20	-0.143	-0.248	-0.343	-0.408	-0.440	-0.449	-0.454	-0.472	-0.512	-0.574
5031	50.30	-0.652	-0.734	-0.806	-0.854	-0.868	-0.838	-0.761	-0.645	-0.506	-0.366
5041	50.40	-0.247	-0.163	-0.111	-0.077	-0.038	0.029	0.132	0.261	0.389	0.480
5051	50.50	0.506	0.455	0.335	0.175	0.013	-0.120	-0.210	-0.266	-0.313	-0.384
5061	50.60	-0.504	-0.679	-0.888	-1.093	-1.245	-1.303	-1.243	-1.069	-0.807	-0.501
5071	50.70	-0.196	0.072	0.283	0.441	0.560	0.665	0.780	0.918	1.082	1.261
5081	50.80	1.436	1.579	1.669	1.688	1.634	1.515	1.353	1.175	1.006	0.862
5091	50.90	0.746	0.651	0.563	0.467	0.359	0.243	0.131	0.036	-0.033	-0.080
5101	51.00	-0.119	-0.167	-0.239	-0.338	-0.454	-0.569	-0.661	-0.717	-0.732	-0.715
5111	51.10	-0.679	-0.631	-0.573	-0.492	-0.370	-0.194	0.036	0.300	0.560	0.769
5121	51.20	0.884	0.883	0.771	0.580	0.361	0.165	0.030	-0.032	-0.035	-0.012
5131	51.30	0.001	-0.024	-0.094	-0.200	-0.318	-0.425	-0.506	-0.561	-0.599	-0.633
5141	51.40	-0.674	-0.722	-0.773	-0.820	-0.858	-0.891	-0.925	-0.969	-1.021	-1.073
5151	51.50	-1.109	-1.112	-1.073	-0.993	-0.885	-0.766	-0.651	-0.549	-0.461	-0.387
5161	51.60	-0.323	-0.271	-0.233	-0.205	-0.177	-0.132	-0.050	0.077	0.239	0.405
5171	51.70	0.531	0.577	0.521	0.373	0.169	-0.040	-0.212	-0.327	-0.394	-0.438
5181	51.80	-0.486	-0.548	-0.602	-0.607	-0.517	-0.308	0.008	0.383	0.744	1.021
5191	51.90	1.169	1.179	1.083	0.929	0.770	0.639	0.545	0.480	0.427	0.375
5201	52.00	0.320	0.269	0.228	0.201	0.179	0.150	0.102	0.031	-0.061	-0.159
5211	52.10	-0.252	-0.331	-0.397	-0.458	-0.521	-0.586	-0.645	-0.677	-0.664	-0.591
5221	52.20	-0.463	-0.299	-0.130	0.014	0.113	0.169	0.205	0.260	0.367	0.546
5231	52.30	0.790	1.064	1.314	1.491	1.562	1.524	1.406	1.253	1.109	0.996
5241	52.40	0.911	0.827	0.711	0.544	0.334	0.118	-0.052	-0.131	-0.096	0.035
5251	52.50	0.220	0.405	0.549	0.638	0.686	0.721	0.765	0.819	0.860	0.850
5261	52.60	0.755	0.567	0.312	0.040	-0.188	-0.325	-0.352	-0.275	-0.122	0.076
5271	52.70	0.291	0.505	0.701	0.857	0.943	0.929	0.797	0.558	0.251	-0.062
5281	52.80	-0.320	-0.484	-0.551	-0.556	-0.549	-0.572	-0.639	-0.731	-0.804	-0.816
5291	52.90	-0.746	-0.608	-0.442	-0.299	-0.211	-0.184	-0.192	-0.196	-0.162	-0.082
5301	53.00	0.022	0.113	0.151	0.117	0.017	-0.124	-0.270	-0.394	-0.485	-0.550
5311	53.10	-0.604	-0.658	-0.716	-0.773	-0.825	-0.871	-0.923	-0.995	-1.098	-1.227
5321	53.20	-1.359	-1.457	-1.484	-1.415	-1.255	-1.033	-0.799	-0.605	-0.486	-0.453
5331	53.30	-0.487	-0.548	-0.590	-0.577	-0.491	-0.338	-0.142	0.065	0.252	0.401
5341	53.40	0.509	0.587	0.653	0.724	0.811	0.915	1.029	1.139	1.235	1.308
5351	53.50	1.355	1.374	1.365	1.327	1.263	1.176	1.078	0.984	0.910	0.868
5361	53.60	0.855	0.857	0.847	0.799	0.697	0.543	0.356	0.170	0.013	-0.096
5371	53.70	-0.162	-0.206	-0.259	-0.345	-0.475	-0.660	-0.818	-0.988	-1.132	-1.247
5381	53.80	-1.340	-1.425	-1.510	-1.596	-1.677	-1.744	-1.792	-1.822	-1.838	-1.840
5391	53.90	-1.825	-1.777	-1.678	-1.516	-1.294	-1.030	-0.759	-0.518	-0.334	-0.216
5401	54.00	-0.150	-0.110	-0.066	-0.000	0.090	0.192	0.287	0.364	0.419	0.462
5411	54.10	0.507	0.564	0.633	0.700	0.747	0.759	0.728	0.664	0.583	0.505
5421	54.20	0.445	0.406	0.382	0.363	0.336	0.297	0.244	0.182	0.117	0.055
5431	54.30	0.001	-0.037	-0.050	-0.028	0.035	0.139	0.272	0.417	0.553	0.661
5441	54.40	0.733	0.770	0.780	0.774	0.755	0.724	0.677	0.612	0.534	0.449
5451	54.50	0.368	0.296	0.230	0.160	0.076	-0.027	-0.139	-0.243	-0.317	-0.350
5461	54.60	-0.348	-0.332	-0.335	-0.381	-0.471	-0.583	-0.674	-0.700	-0.637	-0.489
5471	54.70	-0.295	-0.108	0.027	0.088	0.087	0.063	0.063	0.118	0.236	0.395
5481	54.80	0.560	0.700	0.802	0.874	0.936	1.011	1.102	1.194	1.259	1.270
5491	54.90	1.217	1.111	0.983	0.870	0.795	0.759	0.739	0.701	0.612	0.459

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

INDEX NO. 2010 104-GR-1-70 U-D (U-D) SHINTONEGAWA BR. MAX. ACC. = -11.583 (GAL) T= 7.92 (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	0.022	-0.194	-0.370	-0.494	-0.578	-0.641	-0.704	-0.777	-0.854
5511	55.10	-0.920	-0.953	-0.942	-0.886	-0.795	-0.688	-0.582	-0.486	-0.400	-0.318
5521	55.20	-0.232	-0.135	-0.027	0.087	0.201	0.307	0.400	0.478	0.540	0.582
5531	55.30	0.600	0.590	0.551	0.484	0.397	0.298	0.199	0.107	0.025	-0.043
5541	55.40	-0.098	-0.138	-0.161	-0.166	-0.157	-0.142	-0.134	-0.146	-0.183	-0.242
5551	55.50	-0.308	-0.362	-0.384	-0.366	-0.314	-0.248	-0.191	-0.164	-0.167	-0.185
5561	55.60	-0.192	-0.160	-0.073	0.060	0.214	0.348	0.428	0.433	0.366	0.250
5571	55.70	0.118	0.001	-0.083	-0.133	-0.161	-0.186	-0.224	-0.281	-0.356	-0.436
5581	55.80	-0.504	-0.544	-0.539	-0.482	-0.373	-0.221	-0.051	0.110	0.231	0.294
5591	55.90	0.298	0.263	0.223	0.215	0.265	0.374	0.523	0.676	0.799	0.870
5601	56.00	0.891	0.880	0.862	0.854	0.854	0.848	0.813	0.740	0.634	0.519
5611	56.10	0.422	0.362	0.335	0.315	0.265	0.158	-0.012	-0.221	-0.426	-0.585
5621	56.20	-0.677	-0.712	-0.725	-0.761	-0.850	-0.988	-1.141	-1.253	-1.273	-1.178
5631	56.30	-0.979	-0.719	-0.455	-0.233	-0.077	0.020	0.084	0.142	0.211	0.285
5641	56.40	0.345	0.365	0.324	0.216	0.052	-0.142	-0.332	-0.483	-0.565	-0.552
5651	56.50	-0.435	-0.219	0.073	0.399	0.704	0.935	1.051	1.036	0.898	0.667
5661	56.60	0.385	0.089	-0.196	-0.460	-0.702	-0.923	-1.119	-1.276	-1.378	-1.406
5671	56.70	-1.356	-1.226	-1.037	-0.812	-0.573	-0.344	-0.143	0.018	0.127	0.178
5681	56.80	0.170	0.107	0.002	-0.130	-0.270	-0.408	-0.536	-0.652	-0.756	-0.842
5691	56.90	-0.901	-0.918	-0.882	-0.793	-0.663	-0.517	-0.383	-0.286	-0.235	-0.219
5701	57.00	-0.214	-0.192	-0.134	-0.039	0.076	0.180	0.242	0.245	0.189	0.093
5711	57.10	-0.011	-0.097	-0.149	-0.169	-0.171	-0.176	-0.197	-0.237	-0.286	-0.327
5721	57.20	-0.345	-0.333	-0.292	-0.235	-0.176	-0.127	-0.090	-0.059	-0.024	0.030
5731	57.30	0.112	0.228	0.373	0.533	0.686	0.805	0.861	0.835	0.725	0.545
5741	57.40	0.327	0.112	-0.063	-0.178	-0.232	-0.240	-0.225	-0.203	-0.178	-0.137
5751	57.50	-0.064	0.050	0.199	0.360	0.503	0.610	0.678	0.726	0.776	0.842
5761	57.60	0.911	0.948	0.907	0.761	0.519	0.233	-0.013	-0.141	-0.109	0.070
5771	57.70	0.328	0.572	0.723	0.744	0.652	0.500	0.348	0.231	0.149	0.072
5781	57.80	-0.029	-0.160	-0.289	-0.359	-0.316	-0.135	0.155	0.485	0.770	0.944
5791	57.90	0.984	0.914	0.784	0.645	0.520	0.406	0.284	0.144	0.004	-0.094
5801	58.00	-0.096	0.027	0.264	0.552	0.805	0.940	0.917	0.748	0.492	0.228
5811	58.10	0.018	-0.113	-0.178	-0.218	-0.274	-0.365	-0.489	-0.624	-0.746	-0.843
5821	58.20	-0.916	-0.971	-1.011	-1.025	-0.994	-0.898	-0.734	-0.519	-0.289	-0.083
5831	58.30	0.068	0.159	0.205	0.232	0.267	0.318	0.380	0.438	0.474	0.483
5841	58.40	0.465	0.428	0.378	0.310	0.221	0.109	-0.015	-0.126	-0.193	-0.189
5851	58.50	-0.108	0.029	0.185	0.314	0.388	0.404	0.387	0.379	0.417	0.522
5861	58.60	0.686	0.881	1.070	1.224	1.325	1.374	1.380	1.349	1.281	1.174
5871	58.70	1.028	0.851	0.664	0.496	0.370	0.295	0.257	0.226	0.167	0.056
5881	58.80	-0.111	-0.315	-0.518	-0.685	-0.794	-0.841	-0.846	-0.838	-0.845	-0.881
5891	58.90	-0.942	-1.011	-1.064	-1.079	-1.045	-0.962	-0.840	-0.694	-0.543	-0.403
5901	59.00	-0.293	-0.223	-0.198	-0.213	-0.252	-0.290	-0.301	-0.264	-0.172	-0.038
5911	59.10	0.113	0.246	0.335	0.368	0.349	0.299	0.246	0.211	0.205	0.227
5921	59.20	0.265	0.305	0.334	0.348	0.343	0.323	0.286	0.233	0.166	0.089
5931	59.30	0.010	-0.062	-0.125	-0.182	-0.244	-0.322	-0.423	-0.540	-0.648	-0.715
5941	59.40	-0.712	-0.623	-0.458	-0.251	-0.046	0.112	0.198	0.208	0.158	0.078
5951	59.50	-0.011	-0.098	-0.188	-0.292	-0.419	-0.566	-0.718	-0.849	-0.931	-0.948
5961	59.60	-0.896	-0.788	-0.642	-0.480	-0.324	-0.188	-0.086	-0.028	-0.021	-0.066
5971	59.70	-0.156	-0.277	-0.408	-0.534	-0.646	-0.748	-0.853	-0.973	-1.109	-1.245
5981	59.80	-1.349	-1.381	-1.311	-1.130	-0.858	-0.541	-0.233	0.014	0.170	0.232
5991	59.90	0.219	0.162	0.091	0.022	-0.042	-0.109	-0.188	-0.280	-0.377	-0.458

Table 7-8-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 2010 104-GR-1-70 U-D (U-D) SHINTONEGAWA BR. MAX. ACC. = -11.583 (GAL) T= 7.92 (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)
6001	60.00	-0.502	-0.491	-0.423	-0.307	-0.166	-0.026	0.092	0.177	0.228	0.258
6011	60.10	0.278	0.298	0.315	0.315	0.279	0.192	0.050	-0.130	-0.313	-0.458
6021	60.20	-0.529	-0.509	-0.407	-0.254	-0.091	0.050	0.156	0.239	0.323	0.429
6031	60.30	0.556	0.673	0.729	0.674	0.486	0.192	-0.134	-0.389	-0.479	-0.351
6041	60.40	-0.020	0.435	0.898	1.253	1.427	1.407	1.235	0.990	0.747	0.554
6051	60.50	0.418	0.315	0.211	0.082	-0.071	-0.229	-0.366	-0.463	-0.521	-0.560
6061	60.60	-0.600	-0.653	-0.709	-0.742	-0.719	-0.620	-0.449	-0.231	-0.011	0.172
6071	60.70	0.295	0.362	0.396	0.428	0.484	0.571	0.678	0.787	0.877	0.940
6081	60.80	0.979	1.006	1.032	1.062	1.090	1.102	1.084	1.028	0.932	0.801
6091	60.90	0.645	0.473	0.288	0.097	-0.092	-0.269	-0.414	-0.513	-0.557	-0.552
6101	61.00	-0.521	-0.492	-0.495	-0.545	-0.638	-0.746	-0.833	-0.862	-0.815	-0.698
6111	61.10	-0.538	-0.373	-0.237	-0.142	-0.078	-0.014	0.081	0.229	0.424	0.636
6121	61.20	0.822	0.939	0.965	0.903	0.780	0.630	0.486	0.365	0.269	0.190
6131	61.30	0.125	0.078	0.063	0.094	0.176	0.295	0.425	0.537	0.612	0.655
6141	61.40	0.688	0.743	0.840	0.975	1.117	1.216	1.231	1.144	0.972	0.764
6151	61.50	0.575	0.445	0.385	0.371	0.360	0.313	0.211	0.066	-0.091	-0.224
6161	61.60	-0.314	-0.365	-0.400	-0.447	-0.523	-0.626	-0.734	-0.815	-0.849	-0.830
6171	61.70	-0.769	-0.688	-0.604	-0.525	-0.446	-0.361	-0.266	-0.171	-0.090	-0.039
6181	61.80	-0.024	-0.037	-0.056	-0.060	-0.034	0.020	0.089	0.154	0.205	0.245
6191	61.90	0.208	0.354	0.453	0.580	0.714	0.823	0.878	0.862	0.775	0.629
6201	62.00	0.445	0.244	0.049	-0.124	-0.255	-0.329	-0.336	-0.279	-0.171	-0.038
6211	62.10	0.092	0.197	0.268	0.310	0.330	0.335	0.318	0.268	0.172	0.032
6221	62.20	-0.134	-0.293	-0.410	-0.466	-0.469	-0.449	-0.447	-0.491	-0.577	-0.676
6231	62.30	-0.735	-0.714	-0.597	-0.404	-0.181	0.024	0.184	0.303	0.406	0.524
6241	62.40	0.662	0.799	0.887	0.883	0.767	0.564	0.333	0.137	0.020	-0.022
6251	62.50	-0.030	-0.061	-0.152	-0.293	-0.427	-0.477	-0.382	-0.138	0.199	0.523
6261	62.60	0.726	0.740	0.562	0.251	-0.105	-0.425	-0.670	-0.848	-0.996	-1.152
6271	62.70	-1.321	-1.475	-1.560	-1.532	-1.379	-1.133	-0.857	-0.620	-0.465	-0.399
6281	62.80	-0.387	-0.383	-0.348	-0.273	-0.178	-0.102	-0.079	-0.122	-0.215	-0.327
6291	62.90	-0.423	-0.483	-0.506	-0.512	-0.527	-0.567	-0.639	-0.728	-0.812	-0.867
6301	63.00	-0.874	-0.824	-0.719	-0.573	-0.406	-0.243	-0.113	-0.038	-0.032	-0.094
6311	63.10	-0.209	-0.350	-0.491	-0.609	-0.695	-0.751	-0.789	-0.818	-0.843	-0.860
6321	63.20	-0.858	-0.830	-0.776	-0.704	-0.631	-0.574	-0.541	-0.532	-0.534	-0.529
6331	63.30	-0.501	-0.442	-0.353	-0.244	-0.130	-0.021	0.072	0.145	0.195	0.221
6341	63.40	0.221	0.193	0.140	0.066	-0.020	-0.106	-0.182	-0.238	-0.270	-0.274
6351	63.50	-0.247	-0.189	-0.099	0.019	0.156	0.296	0.418	0.503	0.535	0.513
6361	63.60	0.446	0.351	0.249	0.152	0.063	-0.021	-0.110	-0.203	-0.292	-0.356
6371	63.70	-0.370	-0.317	-0.196	-0.025	0.162	0.326	0.438	0.487	0.480	0.439
6381	63.80	0.367	0.339	0.296	0.251	0.190	0.105	-0.003	-0.121	-0.227	-0.299
6391	63.90	-0.320	-0.279	-0.179	-0.035	0.129	0.280	0.387	0.425	0.391	0.302
6401	64.00	0.196	0.121	0.117	0.200	0.356	0.544	0.717	0.835	0.889	0.899
6411	64.10	0.904	0.944	1.037	1.171	1.308	1.400	1.409	1.319	1.144	0.919
6421	64.20	0.683	0.470	0.301	0.189	0.141	0.163	0.257	0.421	0.637	0.874
6431	64.30	1.093	1.258	1.345	1.346	1.270	1.134	0.958	0.764	0.573	0.409
6441	64.40	0.300	0.266	0.314	0.434	0.593	0.750	0.871	0.938	0.952	0.932
6451	64.50	0.893	0.842	0.770	0.665	0.523	0.361	0.211	0.110	0.076	0.097
6461	64.60	0.133	0.137	0.080	-0.030	-0.150	-0.224	-0.214	-0.121	0.012	0.129
6471	64.70	0.193	0.207	0.220	0.294	0.464	0.711	0.966	1.145	1.197	1.140
6481	64.80	1.059	1.058	1.201	1.465	1.744	1.900	1.850	1.624	1.376	1.311
6491	64.90	1.577	2.159	2.847	3.296	3.171	2.302	0.787	-1.019	-2.626	-3.603

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

INDEX NO. 2011 104-GR-1-70 HB. (HB.) SHINTONEGAWA BR. MAX. ACC. = 21.867 (GAL) T= 17.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.712	2.569	2.127	1.603	1.198	1.018	1.047	1.173	1.256	1.195
11	0.10	0.977	0.665	0.364	0.160	0.084	0.098	0.128	0.107	0.008	-0.139
21	0.20	-0.263	-0.285	-0.150	0.151	0.582	1.079	1.570	1.991	2.292	2.436
31	0.30	2.401	2.185	1.809	1.327	0.815	0.356	0.014	-0.185	-0.260	-0.263
41	0.40	-0.249	-0.252	-0.267	-0.253	-0.159	0.045	0.351	0.704	1.029	1.255
51	0.50	1.351	1.326	1.231	1.109	0.991	0.868	0.706	0.466	0.147	-0.212
61	0.60	-0.532	-0.724	-0.726	-0.537	-0.216	0.133	0.404	0.526	0.485	0.322
71	0.70	0.103	-0.109	-0.282	-0.414	-0.521	-0.612	-0.670	-0.659	-0.535	-0.282
81	0.80	0.079	0.484	0.855	1.124	1.265	1.296	1.263	1.205	1.129	1.004
91	0.90	0.777	0.412	-0.078	-0.619	-1.095	-1.394	-1.449	-1.272	-0.943	-0.573
101	1.00	-0.251	-0.005	0.203	0.448	0.788	1.218	1.657	1.971	2.030	1.769
111	1.10	1.219	0.509	-0.189	-0.717	-0.995	-1.038	-0.940	-0.827	-0.793	-0.867
121	1.20	-1.000	-1.093	-1.041	-0.779	-0.316	0.269	0.840	1.246	1.364	1.135
131	1.30	0.587	-0.166	-0.945	-1.553	-1.830	-1.700	-1.199	-0.471	0.282	0.860
141	1.40	1.129	1.057	0.717	0.241	-0.236	-0.624	-0.900	-1.093	-1.243	-1.359
151	1.50	-1.407	-1.325	-1.064	-0.631	-0.109	0.364	0.646	0.647	0.375	-0.071
161	1.60	-0.533	-0.863	-0.970	-0.853	-0.578	-0.248	0.050	0.267	0.399	0.460
171	1.70	0.463	0.406	0.279	0.084	-0.152	-0.376	-0.530	-0.578	-0.528	-0.423
181	1.80	-0.319	-0.247	-0.185	-0.072	0.158	0.524	0.958	1.312	1.409	1.121
191	1.90	0.443	-0.479	-1.383	-1.986	-2.090	-1.663	-0.857	0.051	0.764	1.075
201	2.00	0.938	0.466	-0.126	-0.619	-0.872	-0.863	-0.669	-0.417	-0.210	-0.094
211	2.10	-0.047	-0.009	0.070	0.204	0.361	0.483	0.521	0.461	0.326	0.167
221	2.20	0.025	-0.086	-0.184	-0.308	-0.483	-0.700	-0.904	-1.014	-0.957	-0.698
231	2.30	-0.270	0.236	0.698	1.001	1.080	0.960	0.648	0.307	0.017	-0.159
241	2.40	-0.213	-0.182	-0.130	-0.115	-0.169	-0.287	-0.436	-0.572	-0.660	-0.681
251	2.50	-0.634	-0.531	-0.383	-0.201	-0.003	0.182	0.309	0.322	0.182	-0.111
261	2.60	-0.499	-0.868	-1.083	-1.035	-0.693	-0.126	0.504	1.002	1.212	1.080
271	2.70	0.679	0.182	-0.207	-0.341	-0.192	0.139	0.465	0.598	0.428	-0.026
281	2.80	-0.627	-1.176	-1.497	-1.502	-1.225	-0.789	-0.353	-0.041	0.100	0.103
291	2.90	0.053	0.036	0.100	0.241	0.415	0.569	0.664	0.693	0.674	0.628
301	3.00	0.571	0.502	0.413	0.299	0.170	0.044	-0.059	-0.133	-0.190	-0.251
311	3.10	-0.329	-0.413	-0.463	-0.425	-0.258	0.041	0.417	0.777	1.018	1.065
321	3.20	0.906	0.592	0.214	-0.131	-0.380	-0.520	-0.580	-0.603	-0.615	-0.613
331	3.30	-0.561	-0.419	-0.171	0.159	0.509	0.803	0.982	1.026	0.959	0.829
341	3.40	0.682	0.536	0.374	0.162	-0.125	-0.480	-0.847	-1.141	-1.275	-1.192
351	3.50	-0.889	-0.414	0.150	0.722	1.234	1.648	1.937	2.074	2.025	1.748
361	3.60	1.227	0.491	-0.368	-1.204	-1.853	-2.179	-2.126	-1.731	-1.111	-0.423
371	3.70	0.192	0.651	0.943	1.112	1.223	1.323	1.423	1.494	1.493	1.387
381	3.80	1.173	0.882	0.560	0.255	-0.006	-0.215	-0.379	-0.504	-0.594	-0.646
391	3.90	-0.657	-0.635	-0.591	-0.532	-0.446	-0.296	-0.029	0.392	0.956	1.580
401	4.00	2.112	2.372	2.212	1.584	0.574	-0.602	-1.659	-2.329	-2.450	-2.016
411	4.10	-1.178	-0.188	0.687	1.244	1.403	1.209	0.793	0.317	-0.090	-0.364
421	4.20	-0.506	-0.564	-0.598	-0.650	-0.735	-0.834	-0.916	-0.943	-0.883	-0.719
431	4.30	-0.445	-0.073	0.365	0.814	1.202	1.454	1.513	1.356	1.010	0.544
441	4.40	0.048	-0.398	-0.747	-0.995	-1.176	-1.329	-1.475	-1.594	-1.629	-1.509
451	4.50	-1.185	-0.663	-0.009	0.664	1.234	1.618	1.798	1.821	1.774	1.737
461	4.60	1.739	1.740	1.650	1.365	0.831	0.078	-0.769	-1.522	-1.990	-2.045
471	4.70	-1.671	-0.970	-0.132	0.622	1.116	1.260	1.073	0.664	0.184	-0.227
481	4.80	-0.480	-0.563	-0.530	-0.474	-0.485	-0.615	-0.855	-1.136	-1.349	-1.388
491	4.90	-1.185	-0.753	-0.183	0.370	0.738	0.798	0.524	0.004	-0.580	-1.018

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

INDEX NO. 2011 104-GR-1-70 HB. (HB.) SHINTONEGAWA BR. MAX. ACC. = 21.867 (GAL) T= 17.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.145	-0.912	-0.410	0.156	0.547	0.584	0.226	-0.406	-1.073	-1.506
511	5.10	-1.523	-1.098	-0.384	0.349	0.821	0.857	0.455	-0.211	-0.863	-1.231
521	5.20	-1.164	-0.686	0.018	0.679	1.052	1.007	0.571	-0.097	-0.774	-1.263
531	5.30	-1.456	-1.356	-1.054	-0.673	-0.318	-0.041	0.156	0.301	0.419	0.518
541	5.40	0.592	0.632	0.649	0.674	0.748	0.887	1.064	1.201	1.192	0.940
551	5.50	0.416	-0.322	-1.127	-1.807	-2.190	-2.181	-1.804	-1.183	-0.504	0.061
561	5.60	0.414	0.551	0.559	0.554	0.629	0.802	1.013	1.153	1.120	0.867
571	5.70	0.432	-0.079	-0.538	-0.856	-1.011	-1.060	-1.094	-1.189	-1.353	-1.521
581	5.80	-1.574	-1.407	-0.978	-0.343	0.360	0.966	1.349	1.470	1.383	1.196
591	5.90	1.010	0.863	0.721	0.500	0.130	-0.388	-0.961	-1.432	-1.640	-1.500
601	6.00	-1.042	-0.406	0.215	0.659	0.858	0.862	0.801	0.819	1.003	1.344
611	6.10	1.751	2.099	2.293	2.303	2.163	1.938	1.667	1.344	0.919	0.347
621	6.20	-0.353	-1.071	-1.617	-1.787	-1.454	-0.646	0.435	1.466	2.095	2.097
631	6.30	1.442	0.326	-0.891	-1.815	-2.155	-1.635	-1.012	-0.018	0.765	1.045
641	6.40	0.727	-0.059	-1.013	-1.778	-2.074	-1.797	-1.052	-0.104	0.725	1.169
651	6.50	1.114	0.619	-0.118	-0.851	-1.373	-1.586	-1.509	-1.238	-0.881	-0.505
661	6.60	-0.110	0.338	0.858	1.395	1.811	1.917	1.561	0.714	-0.471	-1.679
671	6.70	-2.522	-2.683	-2.046	-0.770	0.751	2.014	2.596	2.318	1.328	0.048
681	6.80	-0.981	-1.312	-0.769	0.480	1.981	3.173	3.603	3.101	1.833	0.231
691	6.90	-1.102	-1.989	-2.019	-1.384	-0.402	0.545	1.158	1.303	1.022	0.473
701	7.00	-0.162	-0.745	-1.205	-1.523	-1.699	-1.729	-1.606	-1.338	-0.968	-0.560
711	7.10	-0.177	0.163	0.497	0.891	1.379	1.905	2.295	2.312	1.762	0.619
721	7.20	-0.902	-2.377	-3.315	-3.356	-2.442	-0.873	0.787	1.935	2.177	1.491
731	7.30	0.238	-1.006	-1.709	-1.619	-0.864	0.124	0.829	0.899	0.318	-0.603
741	7.40	-1.383	-1.619	-1.188	-0.308	0.568	0.974	0.660	-0.280	-1.450	-2.329
751	7.50	-2.508	-1.865	-0.607	0.833	1.995	2.585	2.571	2.154	1.638	1.273
761	7.60	1.139	1.143	1.096	0.834	0.316	-0.358	-0.995	-1.409	-1.502	-1.293
771	7.70	-0.888	-0.411	0.054	0.482	0.873	1.200	1.380	1.291	0.846	0.075
781	7.80	-0.822	-1.509	-1.629	-0.962	0.440	2.218	3.796	4.576	4.165	2.543
791	7.90	0.095	-2.501	-4.505	-5.355	-4.857	-3.221	-0.970	1.253	2.892	3.631
801	8.00	3.446	2.561	1.324	0.089	-0.893	-1.513	-1.801	-1.878	-1.901	-1.997
811	8.10	-2.225	-2.543	-2.816	-2.852	-2.465	-1.553	-0.163	1.486	3.052	4.164
821	8.20	4.549	4.138	3.096	1.772	0.572	-0.192	-0.409	-0.203	0.143	0.312
831	8.30	0.098	-0.513	-1.345	-2.115	-2.557	-2.529	-2.061	-1.325	-0.553	0.054
841	8.40	0.389	0.456	0.333	0.117	-0.115	-0.327	-0.504	-0.631	-0.682	-0.623
851	8.50	-0.440	-0.166	0.117	0.299	0.288	0.054	-0.343	-0.767	-1.055	-1.079
861	8.60	-0.800	-0.284	0.317	0.822	1.083	1.033	0.706	0.217	-0.280	-0.640
871	8.70	-0.768	-0.640	-0.295	0.178	0.675	1.101	1.386	1.497	1.436	1.231
881	8.80	0.923	0.561	0.186	-0.170	-0.480	-0.726	-0.889	-0.952	-0.900	-0.731
891	8.90	-0.454	-0.100	0.285	0.653	0.958	1.176	1.306	1.369	1.388	1.379
901	9.00	1.332	1.210	0.965	0.558	-0.008	-0.670	-1.309	-1.774	-1.935	-1.727
911	9.10	-1.188	-0.461	0.249	0.738	0.870	0.626	0.106	-0.512	-1.042	-1.361
921	9.20	-1.449	-1.381	-1.280	-1.251	-1.323	-1.437	-1.467	-1.288	-0.836	-0.149
931	9.30	0.642	1.351	1.815	1.944	1.749	1.332	0.834	0.381	0.044	-0.175
941	9.40	-0.324	-0.468	-0.654	-0.887	-1.127	-1.301	-1.329	-1.141	-0.700	-0.020
951	9.50	0.832	1.731	2.513	3.006	3.078	2.677	1.865	0.810	-0.254	-1.097
961	9.60	-1.569	-1.646	-1.424	-1.077	-0.766	-0.574	-0.468	-0.325	-0.017	0.506
971	9.70	1.148	1.677	1.808	1.328	0.218	-1.296	-2.787	-3.770	-3.884	-3.044
981	9.80	-1.494	0.266	1.660	2.255	1.927	0.909	-0.308	-1.171	-1.292	-0.596
991	9.90	0.651	1.964	2.838	2.949	2.278	1.096	-0.160	-1.072	-1.394	-1.122

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

INDEX NO. 2011 104-GR-1-70 HB. (HB.) SHINTONEGAWA BR. MAX. ACC. = 21.867 (GAL) T= 17.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.458	0.308	0.925	1.265	1.333	1.210	0.976	0.659	0.236	-0.311
1011	10.10	-0.938	-1.509	-1.825	-1.711	-1.105	-0.115	1.002	1.933	2.432	2.412
1021	10.20	1.973	1.344	0.763	0.376	0.174	0.033	-0.204	-0.616	-1.148	-1.628
1031	10.30	-1.869	-1.688	-1.179	-0.513	0.041	0.257	0.062	-0.427	-0.957	-1.249
1041	10.40	-1.125	-0.582	0.210	0.989	1.515	1.666	1.474	1.087	0.688	0.411
1051	10.50	0.286	0.252	0.202	0.053	-0.214	-0.547	-0.856	-1.068	-1.164	-1.188
1061	10.60	-1.222	-1.340	-1.570	-1.871	-2.152	-2.304	-2.245	-1.950	-1.455	-0.845
1071	10.70	-0.221	0.330	0.760	1.066	1.280	1.453	1.628	1.824	2.024	2.175
1081	10.80	2.209	2.059	1.686	1.100	0.362	-0.426	-1.145	-1.692	-1.998	-2.043
1091	10.90	-1.853	-1.479	-0.979	-0.408	0.193	0.787	1.332	1.780	2.079	2.182
1101	11.00	2.068	1.750	1.282	0.744	0.230	-0.179	-0.634	-0.526	-0.484	-0.361
1111	11.10	-0.209	-0.062	0.085	0.267	0.533	0.913	1.386	1.854	2.177	2.191
1121	11.20	1.787	0.963	-0.143	-1.285	-2.180	-2.612	-2.518	-2.015	-1.361	-0.846
1131	11.30	-0.660	-0.811	-1.111	-1.269	-1.029	-0.320	0.685	1.621	2.073	1.775
1141	11.40	0.748	-0.677	-1.981	-2.669	-2.492	-1.571	-0.360	0.543	0.655	-0.165
1151	11.50	-1.641	-3.179	-4.108	-3.965	-2.689	-0.654	1.480	3.023	3.520	2.902
1161	11.60	1.481	-0.204	-1.603	-2.350	-2.345	-1.727	-0.758	0.309	1.312	2.190
1171	11.70	2.934	3.521	3.881	3.920	3.570	2.854	1.904	0.927	0.137	-0.327
1181	11.80	-0.446	-0.315	-0.091	0.078	0.108	-0.005	-0.198	-0.382	-0.471	-0.400
1191	11.90	-0.125	0.372	1.076	1.921	2.770	3.427	3.685	3.387	2.505	1.168
1201	12.00	-0.359	-1.751	-2.727	-3.138	-2.993	-2.433	-1.652	-0.818	-0.030	0.684
1211	12.10	1.318	1.848	2.212	2.332	2.160	1.726	1.134	0.520	-0.018	-0.477
1221	12.20	-0.953	-1.577	-2.413	-3.380	-4.230	-4.633	-4.321	-3.233	-1.595	0.137
1231	12.30	1.434	1.912	1.493	0.456	-0.688	-1.407	-1.392	-0.697	0.276	0.953
1241	12.40	0.837	-0.260	-2.121	-4.198	-5.819	-6.443	-5.860	-4.247	-2.079	0.059
1251	12.50	1.684	2.555	2.697	2.335	1.755	1.193	0.766	0.478	0.274	0.093
1261	12.60	-0.085	-0.243	-0.342	-0.352	-0.259	-0.065	0.224	0.600	1.046	1.512
1271	12.70	1.914	2.140	2.093	1.729	1.095	0.316	-0.441	-1.031	-1.385	-1.523
1281	12.80	-1.536	-1.521	-1.535	-1.567	-1.553	-1.423	-1.148	-0.755	-0.312	0.117
1291	12.90	0.504	0.872	1.263	1.697	2.133	2.477	2.629	2.540	2.259	1.916
1301	13.00	1.657	1.560	1.572	1.526	1.219	0.534	-0.476	-1.582	-2.470	-2.887
1311	13.10	-2.780	-2.329	-1.872	-1.736	-2.068	-2.742	-3.400	-3.616	-3.090	-1.800
1321	13.20	-0.016	1.814	3.250	4.031	4.148	3.796	3.244	2.705	2.264	1.885
1331	13.30	1.495	1.051	0.564	0.060	-0.481	-1.164	-2.138	-3.503	-5.200	-6.978
1341	13.40	-8.465	-9.329	-9.454	-9.023	-8.462	-8.230	-8.582	-9.395	-10.184	-10.299
1351	13.50	-9.229	-6.856	-3.541	0.013	3.057	5.114	6.156	6.563	6.894	7.584
1361	13.60	8.720	10.015	10.972	11.152	10.412	8.978	7.345	6.049	5.443	5.573
1371	13.70	6.216	7.024	7.687	8.031	8.002	7.583	6.710	5.263	3.158	0.476
1381	13.80	-2.441	-5.018	-6.610	-6.733	-5.271	-2.544	0.785	3.948	6.322	7.604
1391	13.90	7.828	7.254	6.184	4.828	3.257	1.469	-0.511	-2.557	-4.449	-5.955
1401	14.00	-6.930	-7.364	-7.337	-6.919	-6.069	-4.621	-2.387	0.669	4.265	7.767
1411	14.10	10.332	11.196	9.986	6.918	2.755	-1.449	-4.741	-6.603	-7.090	-6.704
1421	14.20	-6.067	-5.573	-5.166	-4.384	-2.637	0.419	4.596	9.124	12.875	14.768
1431	14.30	14.166	11.099	6.213	0.494	-5.092	-9.882	-13.590	-16.188	-17.678	-17.921
1441	14.40	-16.622	-13.498	-8.523	-2.132	4.774	11.034	15.574	17.748	17.512	15.365
1451	14.50	12.086	8.403	4.749	1.211	-2.328	-5.943	-9.467	-12.443	-14.267	-14.443
1461	14.60	-12.828	-9.729	-5.825	-1.920	1.333	3.624	5.012	5.788	6.254	6.538
1471	14.70	6.517	5.897	4.393	1.914	-1.330	-4.844	-7.992	-10.184	-11.058	-10.565
1481	14.80	-8.961	-6.699	-4.293	-2.192	-0.701	0.032	-0.027	-0.849	-2.387	-4.579
1491	14.90	-7.309	-10.347	-13.293	-15.586	-16.579	-15.704	-12.656	-7.556	-0.991	6.073

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

INDEX NO. 2011 104-GR-1-70 HB. (HB.) SHINTONEGAWA BR. MAX. ACC. = 21.867 (GAL) T= 17.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	12.520	17.375	20.052	20.473	19.010	16.297	12.965	9.449	5.907	2.297
1511	15.10	-1.459	-5.317	-9.020	-12.146	-14.239	-14.969	-14.246	-12.239	-9.302	-5.865
1521	15.20	-2.330	0.980	3.823	6.018	7.443	8.039	7.832	6.929	5.487	3.654
1531	15.30	1.533	-0.791	-3.175	-5.316	-6.706	-6.712	-4.793	-0.785	4.873	11.117
1541	15.40	16.493	19.599	19.577	16.447	11.109	5.006	-0.433	-4.326	-6.617	-7.974
1551	15.50	-9.352	-11.442	-14.249	-17.017	-18.538	-17.688	-13.969	-7.779	-0.319	6.846
1561	15.60	12.339	15.419	16.143	15.187	13.468	11.739	10.339	9.184	7.954	6.345
1571	15.70	4.265	1.874	-0.504	-2.525	-3.939	-4.615	-4.503	-3.585	-1.876	0.508
1581	15.80	3.264	5.871	7.683	8.141	7.014	4.561	1.514	-1.165	-2.635	-2.526
1591	15.90	-1.092	0.883	2.412	2.722	1.562	-0.706	-3.299	-5.370	-6.371	-6.259
1601	16.00	-5.453	-4.584	-4.164	-4.343	-4.859	-5.207	-4.917	-3.811	-2.107	-0.329
1611	16.10	0.937	1.301	0.729	-0.475	-1.834	-2.931	-3.585	-3.880	-4.059	-4.332
1621	16.20	-4.726	-5.040	-4.947	-4.181	-2.709	-0.793	1.092	2.457	3.020	2.831
1631	16.30	2.253	1.790	1.853	2.564	3.697	4.776	5.290	4.911	3.633	1.763
1641	16.40	-0.217	-1.847	-2.844	-3.162	-2.934	-2.348	-1.533	-0.514	0.748	2.268
1651	16.50	3.960	5.625	7.022	7.974	8.445	8.546	8.442	8.229	7.841	7.063
1661	16.60	5.650	3.517	0.863	-1.816	-3.894	-4.879	-4.653	-3.571	-2.326	-1.648
1671	16.70	-1.948	-3.100	-4.457	-5.141	-4.458	-2.252	0.975	4.250	6.544	7.225
1681	16.80	6.319	4.472	2.606	1.459	1.216	1.437	1.294	0.022	-2.654	-6.322
1691	16.90	-10.015	-12.613	-13.311	-11.937	-8.974	-5.286	-1.722	1.226	3.522	5.423
1701	17.00	7.166	8.693	9.573	9.178	7.014	3.043	-2.196	-7.728	-12.488	-15.697
1711	17.10	-17.097	-16.925	-15.671	-13.748	-11.266	-8.028	-3.733	1.698	7.899	14.032
1721	17.20	18.998	21.799	21.867	19.238	14.481	8.466	2.077	-3.975	-9.195	-13.215
1731	17.30	-15.687	-16.260	-14.683	-10.982	-5.606	0.576	6.464	11.044	13.701	14.378
1741	17.40	13.505	11.741	9.647	7.470	5.123	2.384	-0.826	-4.231	-7.188	-8.909
1751	17.50	-8.799	-6.766	-3.321	0.577	3.868	5.782	6.081	5.056	3.303	1.395
1761	17.60	-0.373	-2.048	-3.863	-5.984	-8.279	-10.279	-11.332	-10.903	-8.853	-5.558
1771	17.70	-1.806	1.490	3.616	4.285	3.663	2.202	0.393	-1.448	-3.242	-5.052
1781	17.80	-6.909	-8.667	-9.983	-10.442	-9.755	-7.923	-5.279	-2.367	0.272	2.301
1791	17.90	3.689	4.642	5.443	6.260	7.047	7.590	7.649	7.141	6.234	5.316
1801	18.00	4.837	5.111	6.169	7.742	9.365	10.563	11.011	10.618	9.487	7.817
1811	18.10	5.788	3.498	0.971	-1.775	-4.671	-7.564	-10.235	-12.451	-14.004	-14.737
1821	18.20	-14.533	-13.313	-11.057	-7.858	-3.978	0.135	3.904	6.763	8.323	8.499
1831	18.30	7.543	5.940	4.228	2.802	1.803	1.120	0.514	-0.227	-1.163	-2.166
1841	18.40	-2.997	-3.423	-3.326	-2.745	-1.844	-0.832	0.107	0.844	1.294	1.380
1851	18.50	1.028	0.191	-1.091	-2.660	-4.245	-5.540	-6.303	-6.434	-5.987	-5.103
1861	18.60	-3.899	-2.396	-0.515	1.826	4.584	7.494	10.088	11.826	12.303	11.424
1871	18.70	9.459	6.943	4.466	2.452	1.027	0.038	-0.804	-1.738	-2.820	-3.915
1881	18.80	-4.786	-5.228	-5.157	-4.608	-3.663	-2.363	-0.696	1.340	3.617	5.799
1891	18.90	7.377	7.840	6.902	4.676	1.686	-1.330	-3.733	-5.260	-6.130	-6.889
1901	19.00	-8.070	-9.840	-11.805	-13.119	-12.837	-10.368	-5.808	0.026	5.864	10.456
1911	19.10	13.005	13.388	12.068	9.789	7.199	4.627	2.077	-0.577	-3.352	-6.011
1921	19.20	-8.122	-9.274	-9.310	-8.443	-7.165	-5.992	-5.182	-4.593	-3.764	-2.197
1931	19.30	0.326	3.545	6.770	9.170	10.146	9.622	8.085	6.374	5.305	5.323
1941	19.40	6.342	7.836	9.102	9.589	9.076	7.679	5.699	3.417	0.964	-1.663
1951	19.50	-4.478	-7.356	-9.978	-11.904	-12.747	-12.359	-10.897	-8.752	-6.358	-3.990
1961	19.60	-1.662	0.810	3.621	6.756	9.874	12.360	13.538	12.958	10.603	6.934
1971	19.70	2.746	-1.112	-4.003	-5.670	-6.231	-6.034	-5.461	-4.772	-4.060	-3.309
1981	19.80	-2.506	-1.728	-1.159	-1.010	-1.416	-2.361	-3.557	-4.713	-5.456	-5.551
1991	19.90	-4.956	-3.810	-2.356	-0.835	0.601	1.924	3.190	4.466	5.748	6.918

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

INDEX NO. 2011 104-GR-1-70 HB. (HB.) SHINTONEGAWA BR. MAX. ACC. = 21.867 (GAL) T= 17.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	7.761	8.037	7.578	6.370	4.575	2.478	0.393	-1.465	-3.044	-4.458
2011	20.10	-5.896	-7.487	-9.176	-10.667	-11.582	-11.429	-9.991	-7.365	-3.995	-0.550
2021	20.20	2.302	4.119	4.826	4.707	4.255	3.955	4.085	4.633	5.346	5.883
2031	20.30	5.994	5.629	4.942	4.194	3.606	3.253	3.036	2.748	2.201	1.327
2041	20.40	0.228	-0.866	-1.698	-2.090	-2.012	-1.584	-1.023	-0.561	-0.380	-0.581
2051	20.50	-1.185	-2.148	-3.375	-4.722	-5.994	-6.966	-7.423	-7.227	-6.373	-5.003
2061	20.60	-3.376	-1.772	-0.396	0.688	1.564	2.386	3.264	4.163	4.874	5.070
2071	20.70	4.446	2.874	0.513	-2.192	-4.618	-6.158	-6.418	-5.346	-3.245	-0.660
2081	20.80	1.811	3.704	4.811	5.196	5.106	4.830	4.575	4.400	4.242	3.995
2091	20.90	3.608	3.131	2.702	2.463	2.464	2.598	2.625	2.257	1.304	-0.216
2101	21.00	-2.043	-3.746	-4.878	-5.156	-4.583	-3.462	-2.291	-1.573	-1.626	-2.453
2111	21.10	-3.743	-4.981	-5.634	-5.343	-4.039	-1.968	0.399	2.514	3.918	4.362
2121	21.20	3.861	2.665	1.175	-0.176	-1.033	-1.201	-0.672	0.390	1.715	3.001
2131	21.30	3.986	4.498	4.466	3.906	2.895	1.554	0.031	-1.493	-2.812	-3.719
2141	21.40	-4.053	-3.751	-2.881	-1.638	-0.278	0.965	1.971	2.761	3.470	4.245
2151	21.50	5.144	6.059	6.735	6.858	6.200	4.725	2.634	0.304	-1.839	-3.463
2161	21.60	-4.405	-4.675	-4.378	-3.626	-2.487	-0.997	0.756	2.569	4.103	4.961
2171	21.70	4.833	3.640	1.601	-0.828	-3.110	-4.860	-5.878	-6.371	-6.623	-6.907
2181	21.80	-7.296	-7.615	-7.531	-6.739	-5.149	-2.963	-0.619	1.394	2.736	3.341
2191	21.90	3.407	3.246	3.093	2.962	2.634	1.762	0.165	-2.204	-5.007	-7.700
2201	22.00	-9.715	-10.647	-10.385	-9.107	-7.170	-4.955	-2.737	-0.648	1.291	3.082
2211	22.10	4.685	5.989	6.853	7.160	6.867	6.023	4.747	3.192	1.532	-0.041
2221	22.20	-1.302	-2.009	-1.938	-0.969	0.835	3.195	5.648	7.688	8.816	8.873
2231	22.30	7.895	6.165	4.076	1.983	0.101	-1.521	-2.948	-4.267	-5.500	-6.569
2241	22.40	-7.317	-7.570	-7.205	-6.192	-4.601	-2.577	-0.316	1.962	4.029	5.665
2251	22.50	6.689	6.997	6.596	5.615	4.271	2.807	1.419	0.205	-0.831	-1.721
2261	22.60	-2.465	-2.973	-3.075	-2.592	-1.439	0.288	2.299	4.176	5.517	6.077
2271	22.70	5.851	5.064	4.064	3.167	2.534	2.123	1.745	1.160	0.305	-0.840
2281	22.80	-2.065	-3.126	-3.831	-4.123	-4.078	-3.841	-3.524	-3.137	-2.573	-1.684
2291	22.90	-0.380	1.272	3.032	4.538	5.434	5.506	4.761	3.427	1.867	0.441
2301	23.00	-0.610	-1.224	-1.495	-1.583	-1.616	-1.622	-1.527	-1.219	-0.637	0.155
2311	23.10	0.956	1.482	1.471	0.786	-0.516	-2.191	-3.888	-5.258	-6.065	-6.246
2321	23.20	-5.901	-5.227	-4.425	-3.623	-2.840	-2.009	-1.035	0.125	1.420	2.697
2331	23.30	3.740	4.335	4.340	3.721	2.560	1.022	-0.691	-2.378	-3.861	-4.995
2341	23.40	-5.663	-5.778	-5.310	-4.306	-2.922	-1.411	-0.085	0.764	0.953	0.465
2351	23.50	-0.532	-1.748	-2.866	-3.650	-4.012	-4.015	-3.805	-3.509	-3.144	-2.593
2361	23.60	-1.652	-0.145	1.958	4.462	6.964	8.959	9.999	9.842	8.536	6.394
2371	23.70	3.880	1.461	-0.535	-1.976	-2.907	-3.462	-3.766	-3.864	-3.719	-3.263
2381	23.80	-2.463	-1.383	-0.184	0.917	1.722	2.117	2.102	1.776	1.281	0.747
2391	23.90	0.258	-0.151	-0.463	-0.644	-0.623	-0.305	0.389	1.463	2.820	4.258
2401	24.00	5.514	6.333	6.538	6.079	5.037	3.591	1.964	0.357	-1.086	-2.300
2411	24.10	-3.281	-4.058	-4.665	-5.118	-5.413	-5.525	-5.426	-5.090	-4.505	-3.680
2421	24.20	-2.647	-1.466	-0.226	0.958	1.969	2.709	3.129	3.244	3.137	2.935
2431	24.30	2.767	2.723	2.823	3.010	3.175	3.197	2.985	2.508	1.806	0.968
2441	24.40	0.104	-0.685	-1.327	-1.787	-2.057	-2.149	-2.088	-1.900	-1.615	-1.259
2451	24.50	-0.845	-0.373	0.172	0.805	1.525	2.294	3.029	3.615	3.934	3.899
2461	24.60	3.483	2.724	1.714	0.571	-0.593	-1.684	-2.630	-3.373	-3.862	-4.059
2471	24.70	-3.957	-3.596	-3.068	-2.498	-2.004	-1.652	-1.441	-1.307	-1.173	-1.000
2481	24.80	-0.826	-0.755	-0.906	-1.332	-1.960	-2.579	-2.897	-2.646	-1.694	-0.121
2491	24.90	1.791	3.645	5.056	5.782	5.787	5.231	4.384	3.507	2.748	2.100

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

INDEX NO. 2011 104-GR-1-70 HB. (HB.) SHINTONEGAWA BR. MAX. ACC. = 21.867 (GAL) T= 17.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.428	0.549	-0.664	-2.204	-3.899	-5.450	-6.512	-6.802	-6.190	-4.760
2511	25.10	-2.797	-0.725	1.001	2.020	2.164	1.499	0.299	-1.043	-2.137	-2.706
2521	25.20	-2.647	-2.028	-1.025	0.163	1.387	2.571	3.694	4.735	5.635	6.286
2531	25.30	6.566	6.401	5.808	4.904	3.866	2.858	1.964	1.165	0.372	-0.497
2541	25.40	-1.444	-2.352	-3.023	-3.254	-2.948	-2.173	-1.164	-0.241	0.308	0.340
2551	25.50	-0.105	-0.825	-1.556	-2.078	-2.288	-2.213	-1.952	-1.602	-1.194	-0.681
2561	25.60	0.018	0.941	2.022	3.079	3.858	4.125	3.758	2.794	1.419	-0.110
2571	25.70	-1.557	-2.791	-3.799	-4.662	-5.467	-6.237	-6.889	-7.254	-7.149	-6.461
2581	25.80	-5.215	-3.583	-1.840	-0.275	0.894	1.583	1.840	1.801	1.624	1.423
2591	25.90	1.249	1.096	0.944	0.797	0.697	0.713	0.896	1.245	1.691	2.109
2601	26.00	2.371	2.395	2.181	1.808	1.398	1.065	0.870	0.806	0.820	0.856
2611	26.10	0.887	0.942	1.077	1.346	1.749	2.221	2.638	2.866	2.812	2.460
2621	26.20	1.876	1.177	0.488	-0.108	-0.584	-0.962	-1.281	-1.561	-1.782	-1.888
2631	26.30	-1.810	-1.496	-0.935	-0.164	0.738	1.670	2.527	3.209	3.637	3.756
2641	26.40	3.549	3.043	2.310	1.454	0.582	-0.227	-0.947	-1.607	-2.269	-2.992
2651	26.50	-3.787	-4.605	-5.345	-5.891	-6.157	-6.121	-5.822	-5.338	-4.744	-4.079
2661	26.60	-3.342	-2.517	-1.603	-0.652	0.234	0.934	1.350	1.454	1.295	0.982
2671	26.70	0.629	0.315	0.059	-0.165	-0.383	-0.585	-0.704	-0.643	-0.331	0.223
2681	26.80	0.903	1.504	1.808	1.666	1.057	0.119	-0.914	-1.791	-2.332	-2.681
2691	26.90	-2.302	-1.931	-1.504	-1.099	-0.714	-0.293	0.236	0.910	1.714	2.586
2701	27.00	3.444	4.217	4.860	5.354	5.690	5.863	5.866	5.699	5.383	4.961
2711	27.10	4.479	3.965	3.403	2.735	1.884	0.799	-0.506	-1.929	-3.297	-4.428
2721	27.20	-5.187	-5.543	-5.572	-5.415	-5.201	-4.975	-4.666	-4.103	-3.099	-1.548
2731	27.30	0.490	2.769	4.906	6.495	7.240	7.050	6.069	4.624	3.099	1.811
2741	27.40	0.910	0.361	-0.006	-0.387	-0.900	-1.527	-2.120	-2.477	-2.444	-1.991
2751	27.50	-1.235	-0.399	0.278	0.627	0.610	0.306	-0.140	-0.592	-0.979	-1.304
2761	27.60	-1.609	-1.921	-2.203	-2.356	-2.255	-1.820	-1.070	-0.144	0.729	1.306
2771	27.70	1.410	0.986	0.117	-1.004	-2.139	-3.069	-3.639	-3.780	-3.507	-2.891
2781	27.80	-2.036	-1.050	-0.023	0.989	1.960	2.886	3.760	4.546	5.167	5.515
2791	27.90	5.489	5.043	4.223	3.175	2.105	1.210	0.610	0.312	0.230	0.250
2801	28.00	0.310	0.436	0.730	1.290	2.113	3.033	3.745	3.906	3.282	1.876
2811	28.10	-0.036	-1.990	-3.496	-4.217	-4.091	-3.320	-2.268	-1.284	-0.567	-0.115
2821	28.20	0.216	0.589	1.060	1.527	1.774	1.580	0.841	-0.364	-1.795	-3.155
2831	28.30	-4.210	-4.869	-5.194	-5.335	-5.434	-5.543	-5.613	-5.530	-5.191	-4.569
2841	28.40	-3.725	-2.780	-1.855	-1.018	-0.276	0.415	1.099	1.790	2.463	3.072
2851	28.50	3.578	3.960	4.213	4.323	4.248	3.926	3.315	2.438	1.412	0.440
2861	28.60	-0.255	-0.513	-0.313	0.207	0.798	1.190	1.198	0.787	0.066	-0.775
2871	28.70	-1.558	-2.189	-2.682	-3.118	-3.568	-4.031	-4.408	-4.537	-4.269	-3.550
2881	28.80	-2.464	-1.226	-0.110	0.662	0.898	0.678	0.127	-0.543	-1.134	-1.530
2891	28.90	-1.722	-1.789	-1.851	-2.003	-2.273	-2.605	-2.876	-2.948	-2.718	-2.159
2901	29.00	-1.329	-0.353	0.629	1.502	2.216	2.784	3.258	3.694	4.115	4.508
2911	29.10	4.832	5.049	5.149	5.154	5.097	4.987	4.791	4.428	3.816	2.921
2921	29.20	1.802	0.624	-0.384	-1.009	-1.136	-0.802	-0.185	0.458	0.887	0.971
2931	29.30	0.719	0.263	-0.217	-0.580	-0.777	-0.864	-0.953	-1.141	-1.454	-1.819
2941	29.40	-2.093	-2.126	-1.827	-1.208	-0.385	0.456	1.122	1.473	1.454	1.103
2951	29.50	0.519	-0.179	-0.890	-1.565	-2.203	-2.834	-3.483	-4.141	-4.742	-5.171
2961	29.60	-5.298	-5.025	-4.332	-3.298	-2.088	-0.909	0.062	0.728	1.099	1.268
2971	29.70	1.358	1.462	1.600	1.726	1.771	1.701	1.560	1.465	1.560	1.936
2981	29.80	2.572	3.318	3.937	4.196	3.959	3.238	2.193	1.065	0.081	-0.621
2991	29.90	-1.019	-1.185	-1.218	-1.188	-1.100	-0.910	-0.570	-0.077	0.505	1.057

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

INDEX NO. 2011 104-GR-1-70 HB. (HB.) SHINTONEGAWA BR. MAX. ACC. = 21.867 (GAL) T= 17.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.449	1.587	1.437	1.026	0.410	-0.356	-1.230	-2.175	-3.129	-3.984
3011	30.10	-4.595	-4.808	-4.517	-3.711	-2.682	-1.000	0.542	1.985	3.239	4.273
3021	30.20	5.083	5.645	5.903	5.776	5.214	4.242	2.988	1.663	0.500	-0.318
3031	30.30	-0.717	-0.744	-0.522	-0.196	0.149	0.496	0.901	1.433	2.121	2.912
3041	30.40	3.676	4.242	4.469	4.285	3.712	2.858	1.876	0.916	0.086	-0.558
3051	30.50	-1.010	-1.298	-1.456	-1.515	-1.493	-1.400	-1.241	-1.027	-0.786	-0.566
3061	30.60	-0.436	-0.475	-0.750	-1.294	-2.083	-3.024	-3.966	-4.736	-5.183	-5.215
3071	30.70	-4.832	-4.117	-3.212	-2.273	-1.431	-0.763	-0.287	0.025	0.221	0.347
3081	30.80	0.434	0.496	0.536	0.552	0.549	0.532	0.509	0.485	0.455	0.412
3091	30.90	0.339	0.225	0.062	-0.148	-0.392	-0.648	-0.894	-1.117	-1.326	-1.548
3101	31.00	-1.826	-2.196	-2.664	-3.182	-3.650	-3.923	-3.858	-3.351	-2.379	-1.016
3111	31.10	0.581	2.211	3.675	4.821	5.569	5.910	5.690	5.587	5.087	4.470
3121	31.20	3.807	3.154	2.549	2.006	1.513	1.037	0.539	-0.002	-0.571	-1.114
3131	31.30	-1.547	-1.794	-1.816	-1.641	-1.359	-1.099	-0.984	-1.085	-1.394	-1.828
3141	31.40	-2.259	-2.557	-2.640	-2.495	-2.182	-1.802	-1.468	-1.262	-1.217	-1.318
3151	31.50	-1.514	-1.748	-1.977	-2.180	-2.359	-2.522	-2.670	-2.783	-2.824	-2.753
3161	31.60	-2.547	-2.217	-1.814	-1.425	-1.139	-1.023	-1.096	-1.314	-1.587	-1.804
3171	31.70	-1.863	-1.701	-1.302	-0.688	0.092	0.981	1.920	2.847	3.692	4.375
3181	31.80	4.817	4.959	4.787	4.340	3.705	2.987	2.284	1.656	1.118	0.656
3191	31.90	0.246	-0.128	-0.463	-0.756	-1.017	-1.276	-1.568	-1.902	-2.234	-2.451
3201	32.00	-2.408	-1.990	-1.181	-0.112	0.962	1.738	1.988	1.660	0.921	0.108
3211	32.10	-0.405	-0.353	0.303	1.358	2.451	3.215	3.432	3.114	2.482	1.851
3221	32.20	1.480	1.457	1.676	1.910	1.940	1.681	1.232	0.835	0.755	1.151
3231	32.30	1.990	3.050	4.008	4.576	4.606	4.139	3.368	2.540	1.853	1.390
3241	32.40	1.112	0.910	0.678	0.366	-0.000	-0.343	-0.581	-0.673	-0.629	-0.501
3251	32.50	-0.349	-0.219	-0.122	-0.052	0.004	0.046	0.056	0.004	-0.136	-0.378
3261	32.60	-0.724	-1.164	-1.684	-2.263	-2.869	-3.459	-3.977	-4.378	-4.641	-4.787
3271	32.70	-4.876	-4.982	-5.164	-5.428	-5.722	-5.949	-6.002	-5.807	-5.341	-4.637
3281	32.80	-3.760	-2.778	-1.744	-0.701	0.304	1.197	1.881	2.261	2.283	1.971
3291	32.90	1.433	0.828	0.306	-0.052	-0.270	-0.458	-0.757	-1.258	-1.952	-2.719
3301	33.00	-3.372	-3.732	-3.688	-3.239	-2.466	-1.493	-0.425	0.680	1.803	2.930
3311	33.10	4.022	5.001	5.773	6.271	6.493	6.508	6.418	6.306	6.185	5.992
3321	33.20	5.623	5.010	4.181	3.283	2.531	2.120	2.117	2.416	2.753	2.807
3331	33.30	2.334	1.280	-0.184	-1.719	-2.935	-3.539	-3.434	-2.735	-1.710	-0.669
3341	33.40	0.151	0.648	0.864	0.930	0.993	1.158	1.455	1.850	2.270	2.643
3351	33.50	2.911	3.037	3.005	2.812	2.474	2.024	1.514	1.004	0.539	0.134
3361	33.60	-0.236	-0.625	-1.087	-1.647	-2.282	-2.925	-3.493	-3.920	-4.188	-4.337
3371	33.70	-4.439	-4.566	-4.752	-4.975	-5.167	-5.247	-5.157	-4.894	-4.509	-4.089
3381	33.80	-3.720	-3.451	-3.281	-3.156	-3.011	-2.774	-2.414	-1.937	-1.378	-0.786
3391	33.90	-0.203	0.344	0.843	1.289	1.679	2.004	2.255	2.428	2.531	2.586
3401	34.00	2.620	2.661	2.725	2.809	2.895	2.954	2.956	2.880	2.715	2.465
3411	34.10	2.143	1.767	1.356	0.934	0.527	0.164	-0.122	-0.294	-0.322	-0.181
3421	34.20	0.140	0.635	1.279	2.023	2.794	3.497	4.027	4.286	4.204	3.765
3431	34.30	3.023	2.095	1.144	0.341	-0.186	-0.383	-0.288	-0.015	0.284	0.471
3441	34.40	0.465	0.258	-0.090	-0.491	-0.866	-1.178	-1.439	-1.684	-1.946	-2.219
3451	34.50	-2.452	-2.564	-2.486	-2.196	-1.744	-1.241	-0.829	-0.626	-0.691	-1.001
3461	34.60	-1.469	-1.983	-2.444	-2.800	-3.053	-3.240	-3.407	-3.588	-3.787	-3.990
3471	34.70	-4.173	-4.308	-4.369	-4.319	-4.113	-3.701	-3.055	-2.196	-1.213	-0.258
3481	34.80	0.689	0.884	0.866	0.494	-0.079	-0.657	-1.082	-1.295	-1.347	-1.364
3491	34.90	-1.472	-1.717	-2.027	-2.231	-2.128	-1.587	-0.614	0.624	1.856	2.799

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

INDEX NO. 2011 104-GR-1-70 HB. (HB.) SHINTONEGAWA BR. MAX. ACC. = 21.867 (GAL) T= 17.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.263	3.214	2.768	2.132	1.511	1.024	0.682	0.411	0.129	-0.183
3511	35.10	-0.441	-0.482	-0.126	0.732	2.060	3.674	5.291	6.610	7.414	7.628
3521	35.20	7.328	6.697	5.945	5.243	4.674	4.231	3.855	3.480	3.072	2.650
3531	35.30	2.264	1.973	1.810	1.765	1.791	1.825	1.812	1.727	1.579	1.398
3541	35.40	1.217	1.051	0.888	0.695	0.434	0.079	-0.369	-0.877	-1.396	-1.872
3551	35.50	-2.267	-2.572	-2.800	-2.984	-3.154	-3.324	-3.487	-3.612	-3.663	-3.613
3561	35.60	-3.458	-3.226	-2.968	-2.738	-2.580	-2.502	-2.481	-2.471	-2.428	-2.336
3571	35.70	-2.220	-2.143	-2.178	-2.370	-2.702	-3.084	-3.375	-3.434	-3.181	-2.643
3581	35.60	-1.960	-1.342	-0.993	-1.026	-1.407	-1.957	-2.416	-2.541	-2.205	-1.453
3591	35.90	-0.487	0.415	1.008	1.180	0.993	0.650	0.403	0.444	0.821	1.425
3601	36.00	2.038	2.430	2.451	2.093	1.483	0.820	0.299	0.031	0.026	0.206
3611	36.10	0.465	0.727	0.982	1.282	1.706	2.315	3.115	4.044	4.994	5.845
3621	36.20	6.500	6.907	7.056	6.970	6.681	6.224	5.626	4.918	4.136	3.325
3631	36.30	2.524	1.765	1.058	0.393	-0.246	-0.872	-1.478	-2.038	-2.515	-2.878
3641	36.40	-3.118	-3.258	-3.345	-3.433	-3.565	-3.754	-3.975	-4.182	-4.317	-4.337
3651	36.50	-4.222	-3.979	-3.633	-3.207	-2.713	-2.146	-1.486	-0.716	0.168	1.141
3661	36.60	2.151	3.121	3.964	4.596	4.951	4.990	4.707	4.133	3.333	2.400
3671	36.70	1.436	0.536	-0.234	-0.852	-1.340	-1.752	-2.150	-2.574	-3.028	-3.471
3681	36.80	-3.839	-4.068	-4.122	-4.007	-3.765	-3.456	-3.130	-2.810	-2.486	-2.134
3691	36.90	-1.734	-1.288	-0.822	-0.376	0.019	0.362	0.680	1.018	1.408	1.844
3701	37.00	2.271	2.593	2.708	2.545	2.096	1.421	0.636	-0.125	-0.748	-1.166
3711	37.10	-1.364	-1.370	-1.228	-0.981	-0.652	-0.250	0.223	0.759	1.331	1.900
3721	37.20	2.413	2.825	3.098	3.216	3.179	3.002	2.713	2.343	1.927	1.496
3731	37.30	1.076	0.684	0.325	-0.004	-0.312	-0.606	-0.888	-1.154	-1.391	-1.590
3741	37.40	-1.745	-1.858	-1.935	-1.977	-1.971	-1.891	-1.701	-1.372	-0.900	-0.325
3751	37.50	0.268	0.764	1.048	1.042	0.734	0.185	-0.487	-1.143	-1.670	-2.012
3761	37.60	-2.180	-2.238	-2.266	-2.321	-2.413	-2.502	-2.519	-2.394	-2.092	-1.620
3771	37.70	-1.028	-0.384	0.239	0.787	1.224	1.531	1.701	1.735	1.643	1.448
3781	37.80	1.186	0.892	0.598	0.320	0.064	-0.164	-0.342	-0.423	-0.350	-0.075
3791	37.90	0.398	0.998	1.588	2.003	2.104	1.839	1.259	0.511	-0.223	-0.796
3801	38.00	-1.144	-1.304	-1.378	-1.473	-1.638	-1.841	-1.975	-1.920	-1.596	-1.011
3811	38.10	-0.264	0.490	1.095	1.443	1.500	1.297	0.907	0.411	-0.113	-0.594
3821	38.20	-0.964	-1.154	-1.111	-0.823	-0.342	0.215	0.691	0.939	0.884	0.554
3831	38.30	0.074	-0.374	-0.618	-0.562	-0.216	0.312	0.865	1.292	1.499	1.465
3841	38.40	1.234	0.877	0.467	0.056	-0.321	-0.633	-0.841	-0.897	-0.758	-0.412
3851	38.50	0.108	0.720	1.308	1.761	2.006	2.030	1.880	1.642	1.404	1.221
3861	38.60	1.095	0.980	0.802	0.501	0.057	-0.494	-1.065	-1.546	-1.842	-1.903
3871	38.70	-1.736	-1.399	-0.979	-0.557	-0.189	0.106	0.336	0.523	0.684	0.828
3881	38.80	0.952	1.056	1.146	1.238	1.343	1.459	1.564	1.620	1.589	1.453
3891	38.90	1.223	0.942	0.661	0.420	0.233	0.082	-0.064	-0.227	-0.403	-0.566
3901	39.00	-0.681	-0.739	-0.763	-0.814	-0.949	-1.187	-1.478	-1.701	-1.706	-1.380
3911	39.10	-0.699	0.235	1.221	2.024	2.456	2.449	2.076	1.521	1.011	0.732
3921	39.20	0.775	1.118	1.655	2.243	2.762	3.138	3.353	3.423	3.375	3.229
3931	39.30	2.991	2.666	2.263	1.800	1.303	0.794	0.285	-0.229	-0.764	-1.334
3941	39.40	-1.946	-2.592	-3.250	-3.887	-4.468	-4.963	-5.350	-5.626	-5.805	-5.917
3951	39.50	-5.996	-6.067	-6.124	-6.128	-6.010	-5.697	-5.147	-4.377	-3.472	-2.564
3961	39.60	-1.788	-1.228	-0.884	-0.669	-0.445	-0.085	0.469	1.173	1.899	2.479
3971	39.70	2.775	2.733	2.402	1.909	1.415	1.049	0.873	0.875	0.989	1.136
3981	39.80	1.256	1.329	1.373	1.427	1.536	1.731	2.025	2.409	2.855	3.308
3991	39.90	3.696	3.933	3.942	3.675	3.136	2.382	1.517	0.658	-0.096	-0.684

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

INDEX NO. 2011 104-GR-1-70 HB. (HB.) SHINTONEGAWA BR. MAX. ACC. = 21.867 (GAL) T= 17.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.094	-1.341	-1.444	-1.408	-1.221	-0.871	-0.373	0.209	0.759	1.144
4011	40.10	1.248	1.027	0.525	-0.134	-0.787	-1.292	-1.572	-1.639	-1.577	-1.497
4021	40.20	-1.485	-1.565	-1.690	-1.765	-1.684	-1.383	-0.858	-0.172	0.570	1.260
4031	40.30	1.814	2.195	2.411	2.499	2.501	2.450	2.361	2.233	2.064	1.856
4041	40.40	1.620	1.377	1.151	0.958	0.809	0.707	0.650	0.634	0.656	0.705
4051	40.50	0.763	0.803	0.792	0.703	0.518	0.244	-0.098	-0.478	-0.865	-1.247
4061	40.60	-1.624	-2.009	-2.413	-2.833	-3.243	-3.600	-3.853	-3.959	-3.894	-3.662
4071	40.70	-3.289	-2.820	-2.305	-1.797	-1.336	-0.956	-0.671	-0.475	-0.346	-0.246
4081	40.80	-0.138	-0.003	0.147	0.272	0.314	0.223	-0.010	-0.340	-0.671	-0.891
4091	40.90	-0.905	-0.681	-0.261	0.255	0.747	1.126	1.369	1.522	1.677	1.920
4101	41.00	2.289	2.748	3.204	3.537	3.655	3.529	3.199	2.758	2.309	1.927
4111	41.10	1.637	1.414	1.210	0.979	0.702	0.393	0.086	-0.186	-0.413	-0.612
4121	41.20	-0.825	-1.100	-1.465	-1.921	-2.427	-2.911	-3.282	-3.461	-3.396	-3.004
4131	41.30	-2.574	-1.966	-1.377	-0.927	-0.692	-0.692	-0.882	-1.179	-1.490	-1.746
4141	41.40	-1.927	-2.056	-2.175	-2.310	-2.447	-2.518	-2.431	-2.106	-1.520	-0.730
4151	41.50	0.140	0.933	1.517	1.832	1.908	1.845	1.773	1.791	1.935	2.171
4161	41.60	2.419	2.595	2.657	2.616	2.531	2.470	2.477	2.546	2.625	2.642
4171	41.70	2.542	2.311	1.981	1.609	1.246	0.906	0.563	0.163	-0.332	-0.921
4181	41.80	-1.539	-2.079	-2.425	-2.503	-2.304	-1.895	-1.384	-0.881	-0.454	-0.116
4191	41.90	0.158	0.402	0.613	0.740	0.696	0.400	-0.172	-0.951	-1.787	-2.483
4201	42.00	-2.866	-2.644	-2.438	-1.770	-1.013	-0.323	0.209	0.578	0.846	1.092
4211	42.10	1.365	1.655	1.895	1.996	1.886	1.546	1.018	0.397	-0.211	-0.713
4221	42.20	-1.054	-1.219	-1.218	-1.072	-0.801	-0.424	0.034	0.535	1.027	1.453
4231	42.30	1.766	1.942	1.983	1.916	1.769	1.568	1.321	1.026	0.682	0.300
4241	42.40	-0.085	-0.425	-0.669	-0.780	-0.751	-0.607	-0.394	-0.166	0.033	0.177
4251	42.50	0.261	0.297	0.299	0.285	0.268	0.257	0.265	0.301	0.372	0.476
4261	42.60	0.604	0.738	0.857	0.948	1.004	1.034	1.050	1.068	1.099	1.147
4271	42.70	1.208	1.279	1.355	1.430	1.494	1.532	1.526	1.461	1.333	1.157
4281	42.80	0.965	0.796	0.677	0.606	0.551	0.449	0.240	-0.116	-0.609	-1.182
4291	42.90	-1.747	-2.216	-2.536	-2.710	-2.794	-2.869	-3.002	-3.219	-3.483	-3.713
4301	43.00	-3.817	-3.731	-3.450	-3.035	-2.594	-2.244	-2.071	-2.102	-2.299	-2.576
4311	43.10	-2.827	-2.962	-2.928	-2.720	-2.374	-1.947	-1.503	-1.091	-0.743	-0.467
4321	43.20	-0.256	-0.091	0.052	0.193	0.344	0.514	0.700	0.895	1.091	1.277
4331	43.30	1.449	1.604	1.746	1.879	2.010	2.142	2.274	2.400	2.509	2.589
4341	43.40	2.629	2.620	2.565	2.470	2.347	2.207	2.056	1.900	1.738	1.572
4351	43.50	1.410	1.262	1.137	1.041	0.966	0.896	0.809	0.691	0.543	0.383
4361	43.60	0.243	0.151	0.119	0.133	0.161	0.164	0.115	0.014	-0.114	-0.233
4371	43.70	-0.320	-0.376	-0.430	-0.524	-0.685	-0.902	-1.119	-1.253	-1.231	-1.027
4381	43.80	-0.685	-0.310	-0.034	0.038	-0.137	-0.516	-0.996	-1.454	-1.799	-2.000
4391	43.90	-2.094	-2.149	-2.226	-2.344	-2.469	-2.530	-2.457	-2.215	-1.825	-1.347
4401	44.00	-0.861	-0.432	-0.091	0.166	0.357	0.491	0.559	0.537	0.409	0.185
4411	44.10	-0.083	-0.314	-0.424	-0.360	-0.124	0.237	0.644	1.030	1.362	1.655
4421	44.20	1.950	2.286	2.669	3.060	3.385	3.564	3.544	3.322	2.938	2.462
4431	44.30	1.960	1.475	1.022	0.602	0.219	-0.102	-0.317	-0.384	-0.282	-0.035
4441	44.40	0.291	0.601	0.808	0.860	0.753	0.533	0.269	0.021	-0.174	-0.317
4451	44.50	-0.433	-0.557	-0.712	-0.905	-1.123	-1.349	-1.565	-1.765	-1.945	-2.105
4461	44.60	-2.237	-2.325	-2.351	-2.297	-2.155	-1.929	-1.636	-1.301	-0.949	-0.605
4471	44.70	-0.292	-0.027	0.176	0.306	0.359	0.334	0.236	0.074	-0.139	-0.383
4481	44.80	-0.635	-0.868	-1.055	-1.174	-1.215	-1.179	-1.078	-0.920	-0.712	-0.452
4491	44.90	-0.138	0.217	0.574	0.872	1.035	1.008	0.781	0.409	-0.001	-0.319

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

INDEX NO. 2011 104-GR-1-70 HB. (HB.) SHINTONEGAWA BR. MAX. ACC. = 21.867 (GAL) T= 17.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.445	-0.348	-0.079	0.255	0.542	0.720	0.810	0.909	1.141	1.588
4511	45.10	2.240	2.979	3.624	3.995	3.994	3.637	3.049	2.397	1.822	1.376
4521	45.20	1.015	0.637	0.153	-0.453	-1.103	-1.650	-1.944	-1.903	-1.560	-1.049
4531	45.30	-0.560	-0.257	-0.223	-0.434	-0.782	-1.133	-1.382	-1.493	-1.500	-1.477
4541	45.40	-1.497	-1.598	-1.772	-1.974	-2.150	-2.259	-2.289	-2.250	-2.161	-2.044
4551	45.50	-1.912	-1.771	-1.630	-1.497	-1.384	-1.297	-1.232	-1.175	-1.112	-1.034
4561	45.60	-0.951	-0.889	-0.878	-0.939	-1.071	-1.241	-1.393	-1.461	-1.389	-1.139
4571	45.70	-0.705	-0.106	0.621	1.424	2.239	2.998	3.634	4.084	4.313	4.318
4581	45.80	4.132	3.823	3.468	3.137	2.870	2.673	2.522	2.386	2.242	2.093
4591	45.90	1.964	1.889	1.894	1.980	2.115	2.249	2.324	2.294	2.145	1.887
4601	46.00	1.556	1.196	0.846	0.536	0.278	0.074	-0.090	-0.231	-0.370	-0.526
4611	46.10	-0.705	-0.896	-1.066	-1.165	-1.149	-0.995	-0.721	-0.398	-0.131	-0.033
4621	46.20	-0.183	-0.597	-1.214	-1.912	-2.552	-3.020	-3.267	-3.321	-3.263	-3.193
4631	46.30	-3.176	-3.218	-3.266	-3.230	-3.035	-2.655	-2.129	-1.553	-1.038	-0.668
4641	46.40	-0.468	-0.395	-0.359	-0.267	-0.055	0.282	0.695	1.104	1.433	1.640
4651	46.50	1.727	1.740	1.736	1.764	1.841	1.948	2.046	2.089	2.054	1.943
4661	46.60	1.785	1.621	1.487	1.395	1.331	1.258	1.136	0.935	0.651	0.310
4671	46.70	-0.044	-0.362	-0.611	-0.787	-0.916	-1.045	-1.223	-1.476	-1.791	-2.117
4681	46.80	-2.375	-2.483	-2.386	-2.078	-1.612	-1.090	-0.636	-0.362	-0.334	-0.554
4691	46.90	-0.954	-1.418	-1.815	-2.034	-2.022	-1.792	-1.420	-1.019	-0.699	-0.528
4701	47.00	-0.512	-0.586	-0.640	-0.558	-0.255	0.286	1.008	1.795	2.513	3.050
4711	47.10	3.352	3.433	3.367	3.253	3.179	3.192	3.290	3.433	3.563	3.629
4721	47.20	3.609	3.506	3.341	3.141	2.918	2.673	2.394	2.070	1.696	1.278
4731	47.30	0.831	0.374	-0.079	-0.515	-0.925	-1.294	-1.605	-1.837	-1.979	-2.030
4741	47.40	-2.011	-1.955	-1.902	-1.885	-1.920	-2.005	-2.118	-2.237	-2.340	-2.420
4751	47.50	-2.479	-2.530	-2.583	-2.643	-2.708	-2.774	-2.833	-2.880	-2.912	-2.926
4761	47.60	-2.912	-2.858	-2.746	-2.559	-2.285	-1.929	-1.507	-1.051	-0.601	-0.196
4771	47.70	0.131	0.360	0.492	0.541	0.535	0.503	0.472	0.456	0.459	0.476
4781	47.80	0.498	0.523	0.554	0.599	0.666	0.753	0.848	0.930	0.979	0.981
4791	47.90	0.936	0.859	0.766	0.672	0.579	0.475	0.347	0.186	-0.002	-0.194
4801	48.00	-0.356	-0.458	-0.483	-0.429	-0.314	-0.160	0.008	0.170	0.308	0.400
4811	48.10	0.427	0.371	0.239	0.065	-0.086	-0.134	-0.013	0.301	0.771	1.304
4821	48.20	1.782	2.108	2.239	2.206	2.096	2.017	2.044	2.196	2.421	2.630
4831	48.30	2.731	2.671	2.458	2.147	1.821	1.549	1.371	1.282	1.251	1.234
4841	48.40	1.191	1.096	0.932	0.690	0.364	-0.041	-0.506	-0.997	-1.476	-1.911
4851	48.50	-2.291	-2.625	-2.933	-3.219	-3.457	-3.588	-3.536	-3.254	-2.755	-2.131
4861	48.60	-1.535	-1.131	-1.032	-1.249	-1.682	-2.155	-2.485	-2.553	-2.348	-1.970
4871	48.70	-1.580	-1.330	-1.301	-1.477	-1.754	-1.996	-2.091	-1.990	-1.723	-1.365
4881	48.80	-1.004	-0.697	-0.453	-0.245	-0.027	0.230	0.531	0.855	1.170	1.449
4891	48.90	1.684	1.881	2.054	2.212	2.356	2.480	2.579	2.657	2.721	2.785
4901	49.00	2.869	2.904	2.929	2.901	2.811	2.668	2.502	2.346	2.224	2.139
4911	49.10	2.068	1.972	1.818	1.590	1.292	0.953	0.604	0.269	-0.039	-0.323
4921	49.20	-0.582	-0.810	-0.989	-1.094	-1.110	-1.038	-0.902	-0.737	-0.578	-0.441
4931	49.30	-0.323	-0.203	-0.058	0.117	0.307	0.481	0.613	0.694	0.744	0.806
4941	49.40	0.917	1.091	1.305	1.495	1.592	1.539	1.326	0.989	0.595	0.213
4951	49.50	-0.113	-0.381	-0.620	-0.863	-1.122	-1.372	-1.553	-1.598	-1.461	-1.143
4961	49.60	-0.697	-0.210	0.219	0.516	0.641	0.594	0.402	0.109	-0.242	-0.605
4971	49.70	-0.941	-1.217	-1.412	-1.526	-1.585	-1.629	-1.698	-1.811	-1.949	-2.058
4981	49.80	-2.068	-1.930	-1.637	-1.238	-0.825	-0.494	-0.305	-0.262	-0.315	-0.382
4991	49.90	-0.395	-0.328	-0.204	-0.080	-0.012	-0.020	-0.082	-0.138	-0.131	-0.027

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

INDEX NO. 2011 104-GR-1-70 HB. (HB.) SHINTONEGAWA BR. MAX. ACC. = 21.867 (GAL) T= 17.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.159	0.381	0.582	0.724	0.809	0.871	0.951	1.072	1.223	1.356
5011	50.10	1.417	1.371	1.222	1.011	0.800	0.641	0.551	0.513	0.487	0.436
5021	50.20	0.347	0.239	0.147	0.100	0.105	0.133	0.138	0.077	-0.068	-0.281
5031	50.30	-0.516	-0.724	-0.869	-0.950	-0.988	-1.021	-1.074	-1.153	-1.240	-1.311
5041	50.40	-1.344	-1.339	-1.318	-1.308	-1.333	-1.395	-1.474	-1.537	-1.551	-1.496
5051	50.50	-1.375	-1.208	-1.023	-0.845	-0.685	-0.543	-0.413	-0.289	-0.169	-0.057
5061	50.60	0.040	0.117	0.177	0.224	0.265	0.306	0.349	0.395	0.446	0.503
5071	50.70	0.571	0.655	0.750	0.846	0.925	0.964	0.946	0.863	0.720	0.534
5081	50.80	0.325	0.117	-0.075	-0.246	-0.394	-0.523	-0.635	-0.729	-0.802	-0.854
5091	50.90	-0.884	-0.899	-0.906	-0.909	-0.909	-0.895	-0.852	-0.766	-0.629	-0.449
5101	51.00	-0.246	-0.050	0.114	0.238	0.334	0.436	0.583	0.805	1.102	1.438
5111	51.10	1.751	1.967	2.027	1.914	1.655	1.316	0.976	0.703	0.530	0.448
5121	51.20	0.415	0.382	0.313	0.200	0.058	-0.085	-0.213	-0.326	-0.451	-0.615
5131	51.30	-0.835	-1.092	-1.333	-1.483	-1.473	-1.268	-0.885	-0.394	0.109	0.532
5141	51.40	0.820	0.969	1.024	1.057	1.129	1.273	1.472	1.676	1.821	1.855
5151	51.50	1.762	1.563	1.308	1.054	0.844	0.696	0.600	0.531	0.465	0.387
5161	51.60	0.300	0.216	0.147	0.099	0.069	0.067	0.029	0.017	0.027	0.073
5171	51.70	0.165	0.293	0.431	0.542	0.594	0.574	0.490	0.368	0.237	0.117
5181	51.80	0.002	-0.129	-0.304	-0.538	-0.820	-1.115	-1.377	-1.567	-1.672	-1.713
5191	51.90	-1.731	-1.771	-1.856	-1.974	-2.084	-2.132	-2.077	-1.909	-1.652	-1.356
5201	52.00	-1.070	-0.827	-0.632	-0.463	-0.292	-0.100	0.113	0.327	0.518	0.670
5211	52.10	0.785	0.883	0.991	1.126	1.288	1.456	1.600	1.693	1.725	1.704
5221	52.20	1.649	1.579	1.499	1.404	1.285	1.141	0.997	0.896	0.894	1.032
5231	52.30	1.318	1.711	2.127	2.462	2.625	2.570	2.306	1.894	1.426	0.986
5241	52.40	0.626	0.350	0.126	-0.098	-0.356	-0.651	-0.951	-1.198	-1.339	-1.348
5251	52.50	-1.236	-1.050	-0.847	-0.675	-0.555	-0.476	-0.413	-0.348	-0.283	-0.244
5261	52.60	-0.269	-0.384	-0.584	-0.827	-1.043	-1.161	-1.138	-0.974	-0.712	-0.417
5271	52.70	-0.153	0.042	0.162	0.224	0.253	0.263	0.252	0.207	0.117	-0.019
5281	52.80	-0.187	-0.370	-0.553	-0.735	-0.925	-1.128	-1.336	-1.515	-1.618	-1.602
5291	52.90	-1.454	-1.200	-0.902	-0.636	-0.465	-0.412	-0.455	-0.547	-0.638	-0.702
5301	53.00	-0.748	-0.808	-0.917	-1.087	-1.299	-1.507	-1.663	-1.734	-1.717	-1.636
5311	53.10	-1.523	-1.401	-1.276	-1.142	-0.996	-0.853	-0.748	-0.721	-0.799	-0.974
5321	53.20	-1.204	-1.426	-1.590	-1.680	-1.721	-1.771	-1.881	-2.065	-2.265	-2.458
5331	53.30	-2.491	-2.319	-1.935	-1.391	-0.780	-0.195	0.297	0.673	0.950	1.162
5341	53.40	1.343	1.511	1.673	1.829	1.983	2.136	2.284	2.406	2.471	2.446
5351	53.50	2.325	2.145	1.984	1.937	2.079	2.426	2.917	3.428	3.818	3.979
5361	53.60	3.880	3.570	3.155	2.749	2.431	2.218	2.078	1.957	1.815	1.653
5371	53.70	1.503	1.404	1.377	1.402	1.427	1.389	1.248	1.004	0.693	0.371
5381	53.80	0.077	-0.176	-0.409	-0.656	-0.940	-1.257	-1.575	-1.852	-2.053	-2.168
5391	53.90	-2.206	-2.179	-2.088	-1.914	-1.628	-1.218	-0.714	-0.193	0.236	0.470
5401	54.00	0.455	0.204	-0.196	-0.629	-0.986	-1.213	-1.317	-1.354	-1.394	-1.478
5411	54.10	-1.607	-1.738	-1.818	-1.807	-1.701	-1.522	-1.310	-1.095	-0.886	-0.677
5421	54.20	-0.463	-0.253	-0.078	0.019	0.012	-0.094	-0.253	-0.387	-0.420	-0.301
5431	54.30	-0.025	0.367	0.814	1.254	1.650	1.989	2.278	2.526	2.727	2.861
5441	54.40	2.903	2.835	2.661	2.403	2.102	1.798	1.524	1.302	1.137	1.030
5451	54.50	0.972	0.950	0.942	0.930	0.896	0.836	0.759	0.677	0.598	0.507
5461	54.60	0.363	0.110	-0.296	-0.855	-1.512	-2.159	-2.672	-2.952	-2.966	-2.760
5471	54.70	-2.438	-2.111	-1.857	-1.687	-1.558	-1.408	-1.204	-0.975	-0.804	-0.791
5481	54.80	-1.000	-1.418	-1.942	-2.420	-2.707	-2.723	-2.482	-2.078	-1.638	-1.270
5491	54.90	-1.016	-0.856	-0.729	-0.579	-0.393	-0.207	-0.085	-0.088	-0.233	-0.486

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

INDEX NO. 2011 104-GR-1-70 HB. (HB.) SHINTONEGAWA BR. MAX. ACC. = 21.867 (GAL) T= 17.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.770	-1.001	-1.117	-1.102	-0.984	-0.817	-0.654	-0.521	-0.415	-0.306
5511	55.10	-0.158	0.059	0.351	0.699	1.064	1.397	1.658	1.821	1.890	1.894
5521	55.20	1.882	1.906	1.997	2.157	2.351	2.521	2.607	2.572	2.418	2.183
5531	55.30	1.924	1.696	1.527	1.414	1.335	1.261	1.176	1.083	0.993	0.914
5541	55.40	0.839	0.752	0.638	0.500	0.373	0.307	0.352	0.521	0.777	1.037
5551	55.50	1.201	1.191	0.987	0.633	0.218	-0.164	-0.454	-0.643	-0.772	-0.895
5561	55.60	-1.046	-1.219	-1.372	-1.450	-1.419	-1.283	-1.082	-0.872	-0.693	-0.550
5571	55.70	-0.417	-0.258	-0.063	0.143	0.292	0.303	0.121	-0.260	-0.785	-1.356
5581	55.80	-1.866	-2.235	-2.430	-2.467	-2.389	-2.248	-2.079	-1.898	-1.705	-1.494
5591	55.90	-1.262	-1.017	-0.770	-0.535	-0.324	-0.149	-0.020	0.069	0.051	-0.014
5601	56.00	-0.128	-0.257	-0.355	-0.376	-0.293	-0.103	0.171	0.477	0.759	0.959
5611	56.10	1.040	0.989	0.822	0.583	0.331	0.131	0.029	0.044	0.160	0.329
5621	56.20	0.495	0.613	0.670	0.692	0.727	0.827	1.013	1.262	1.512	1.683
5631	56.30	1.712	1.580	1.317	0.992	0.677	0.420	0.227	0.067	-0.102	-0.311
5641	56.40	-0.555	-0.792	-0.965	-1.022	-0.939	-0.730	-0.437	-0.115	0.184	0.424
5651	56.50	0.579	0.636	0.590	0.465	0.219	-0.054	-0.326	-0.558	-0.725	-0.833
5661	56.60	-0.911	-0.992	-1.091	-1.189	-1.235	-1.167	-0.947	-0.588	-0.159	0.233
5671	56.70	0.487	0.551	0.440	0.238	0.057	-0.011	0.068	0.257	0.465	0.593
5681	56.80	0.578	0.418	0.171	-0.072	-0.230	-0.260	-0.172	-0.017	0.142	0.260
5691	56.90	0.319	0.336	0.340	0.358	0.401	0.461	0.521	0.563	0.580	0.573
5701	57.00	0.547	0.505	0.447	0.372	0.286	0.202	0.139	0.115	0.134	0.180
5711	57.10	0.221	0.222	0.162	0.055	-0.057	-0.115	-0.063	0.115	0.391	0.692
5721	57.20	0.927	1.020	0.937	0.702	0.383	0.063	-0.194	-0.365	-0.472	-0.563
5731	57.30	-0.680	-0.834	-0.995	-1.102	-1.091	-0.929	-0.629	-0.246	0.144	0.479
5741	57.40	0.732	0.915	1.062	1.202	1.333	1.419	1.403	1.242	0.935	0.533
5751	57.50	0.129	-0.187	-0.358	-0.396	-0.368	-0.370	-0.473	-0.689	-0.960	-1.177
5761	57.60	-1.234	-1.077	-0.736	-0.316	0.036	0.198	0.115	-0.176	-0.562	-0.899
5771	57.70	-1.068	-1.016	-0.771	-0.423	-0.084	0.151	0.233	0.168	0.003	-0.201
5781	57.80	-0.393	-0.543	-0.649	-0.725	-0.792	-0.869	-0.966	-1.086	-1.222	-1.364
5791	57.90	-1.493	-1.583	-1.607	-1.541	-1.371	-1.103	-0.760	-0.385	-0.023	0.286
5801	58.00	0.520	0.679	0.778	0.838	0.872	0.883	0.854	0.765	0.605	0.379
5811	58.10	0.121	-0.119	-0.287	-0.346	-0.286	-0.134	0.063	0.253	0.402	0.503
5821	58.20	0.574	0.645	0.732	0.825	0.887	0.865	0.720	0.443	0.072	-0.322
5831	58.30	-0.655	-0.865	-0.933	-0.885	-0.781	-0.683	-0.633	-0.634	-0.653	-0.666
5841	58.40	-0.574	-0.428	-0.229	-0.013	0.180	0.331	0.441	0.531	0.620	0.719
5851	58.50	0.821	0.908	0.965	0.992	1.005	1.035	1.111	1.247	1.431	1.633
5861	58.60	1.814	1.945	2.015	2.031	2.013	1.979	1.932	1.857	1.732	1.539
5871	58.70	1.280	0.980	0.684	0.442	0.287	0.227	0.242	0.286	0.315	0.295
5881	58.80	0.219	0.101	-0.033	-0.159	-0.274	-0.388	-0.526	-0.707	-0.932	-1.178
5891	58.90	-1.403	-1.567	-1.647	-1.653	-1.621	-1.599	-1.625	-1.700	-1.789	-1.828
5901	59.00	-1.754	-1.531	-1.173	-0.740	-0.317	0.017	0.219	0.299	0.305	0.303
5911	59.10	0.341	0.433	0.554	0.658	0.705	0.686	0.626	0.576	0.583	0.668
5921	59.20	0.814	0.967	1.069	1.074	0.977	0.807	0.616	0.455	0.345	0.276
5931	59.30	0.210	0.106	-0.063	-0.295	-0.558	-0.810	-1.014	-1.156	-1.247	-1.317
5941	59.40	-1.398	-1.507	-1.646	-1.800	-1.945	-2.065	-2.152	-2.211	-2.247	-2.263
5951	59.50	-2.252	-2.205	-2.111	-1.973	-1.806	-1.637	-1.495	-1.400	-1.354	-1.336
5961	59.60	-1.311	-1.238	-1.088	-0.848	-0.527	-0.147	0.263	0.681	1.092	1.491
5971	59.70	1.873	2.229	2.535	2.759	2.868	2.837	2.669	2.393	2.067	1.764
5981	59.80	1.553	1.479	1.550	1.738	1.986	2.229	2.407	2.490	2.474	2.383
5991	59.90	2.255	2.124	2.008	1.910	1.813	1.694	1.536	1.332	1.091	0.833

Table 7-9-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 2011 104-GR-1-70 HB. (HB.) SHINTONEGAWA BR. MAX. ACC. = 21.867 (GAL) T= 17.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.583	0.362	0.180	0.038	-0.073	-0.164	-0.244	-0.322	-0.400	-0.481
6011	60.10	-0.568	-0.662	-0.769	-0.889	-1.019	-1.152	-1.277	-1.384	-1.464	-1.514
6021	60.20	-1.539	-1.549	-1.559	-1.583	-1.633	-1.711	-1.813	-1.924	-2.022	-2.084
6031	60.30	-2.090	-2.033	-1.921	-1.775	-1.630	-1.519	-1.466	-1.470	-1.521	-1.584
6041	60.40	-1.620	-1.597	-1.504	-1.352	-1.170	-0.998	-0.866	-0.793	-0.771	-0.781
6051	60.50	-0.791	-0.777	-0.725	-0.639	-0.531	-0.417	-0.310	-0.213	-0.125	-0.039
6061	60.60	0.047	0.130	0.200	0.247	0.266	0.261	0.243	0.232	0.243	0.283
6071	60.70	0.351	0.435	0.522	0.598	0.660	0.709	0.750	0.789	0.829	0.871
6081	60.80	0.915	0.967	1.033	1.123	1.241	1.380	1.522	1.662	1.715	1.736
6091	60.90	1.714	1.683	1.680	1.734	1.849	1.999	2.134	2.199	2.159	2.010
6101	61.00	1.786	1.545	1.345	1.222	1.174	1.167	1.152	1.087	0.957	0.783
6111	61.10	0.603	0.462	0.382	0.355	0.346	0.312	0.219	0.059	-0.145	-0.355
6121	61.20	-0.532	-0.657	-0.734	-0.788	-0.846	-0.925	-1.021	-1.114	-1.181	-1.210
6131	61.30	-1.206	-1.192	-1.195	-1.228	-1.283	-1.334	-1.344	-1.287	-1.162	-0.994
6141	61.40	-0.826	-0.696	-0.625	-0.602	-0.589	-0.541	-0.426	-0.235	0.008	0.262
6151	61.50	0.484	0.645	0.739	0.781	0.794	0.793	0.778	0.736	0.645	0.493
6161	61.60	0.282	0.037	-0.204	-0.402	-0.524	-0.556	-0.500	-0.375	-0.203	-0.010
6171	61.70	0.185	0.367	0.530	0.668	0.779	0.860	0.907	0.911	0.864	0.762
6181	61.80	0.612	0.433	0.259	0.135	0.100	0.173	0.347	0.581	0.816	0.985
6191	61.90	1.040	0.962	0.764	0.485	0.172	-0.135	-0.416	-0.664	-0.882	-1.073
6201	62.00	-1.230	-1.338	-1.386	-1.359	-1.270	-1.133	-0.969	-0.793	-0.615	-0.436
6211	62.10	-0.256	-0.084	0.065	0.171	0.216	0.196	0.122	0.014	-0.106	-0.226
6221	62.20	-0.349	-0.482	-0.632	-0.789	-0.926	-1.001	-0.981	-0.854	-0.643	-0.401
6231	62.30	-0.191	-0.063	-0.030	-0.066	-0.114	-0.111	-0.017	0.170	0.413	0.657
6241	62.40	0.846	0.952	0.984	0.975	0.968	0.995	1.060	1.143	1.210	1.230
6251	62.50	1.190	1.098	0.976	0.848	0.725	0.601	0.457	0.273	0.040	-0.231
6261	62.60	-0.512	-0.762	-0.946	-1.042	-1.047	-0.980	-0.869	-0.743	-0.626	-0.529
6271	62.70	-0.452	-0.389	-0.329	-0.261	-0.178	-0.080	0.026	0.126	0.202	0.236
6281	62.80	0.215	0.139	0.022	-0.110	-0.228	-0.306	-0.330	-0.303	-0.240	-0.165
6291	62.90	-0.095	-0.038	0.010	0.060	0.124	0.208	0.309	0.415	0.508	0.575
6301	63.00	0.607	0.600	0.556	0.475	0.359	0.206	0.015	-0.213	-0.477	-0.770
6311	63.10	-1.081	-1.396	-1.693	-1.952	-2.150	-2.274	-2.324	-2.316	-2.279	-2.249
6321	63.20	-2.255	-2.304	-2.382	-2.460	-2.501	-2.478	-2.385	-2.227	-2.016	-1.755
6331	63.30	-1.429	-1.017	-0.506	0.084	0.694	1.226	1.580	1.687	1.545	1.228
6341	63.40	0.863	0.589	0.503	0.627	0.906	1.232	1.497	1.633	1.639	1.568
6351	63.50	1.501	1.501	1.591	1.749	1.923	2.063	2.138	2.142	2.088	1.984
6361	63.60	1.825	1.597	1.289	0.912	0.507	0.136	-0.141	-0.293	-0.334	-0.317
6371	63.70	-0.309	-0.360	-0.479	-0.636	-0.778	-0.860	-0.874	-0.851	-0.849	-0.921
6381	63.80	-1.088	-1.329	-1.587	-1.803	-1.936	-1.983	-1.970	-1.935	-1.898	-1.852
6391	63.90	-1.764	-1.601	-1.349	-1.033	-0.708	-0.438	-0.271	-0.211	-0.226	-0.261
6401	64.00	-0.264	-0.213	-0.122	-0.025	0.045	0.078	0.095	0.137	0.239	0.413
6411	64.10	0.635	0.858	1.029	1.121	1.141	1.130	1.139	1.204	1.331	1.487
6421	64.20	1.624	1.694	1.675	1.576	1.428	1.274	1.146	1.061	1.020	1.014
6431	64.30	1.035	1.077	1.134	1.195	1.247	1.279	1.294	1.314	1.374	1.503
6441	64.40	1.706	1.947	2.157	2.253	2.180	1.939	1.594	1.252	1.016	0.940
6451	64.50	0.999	1.106	1.154	1.068	0.855	0.594	0.408	0.395	0.575	0.875
6461	64.60	1.158	1.285	1.187	0.890	0.510	0.188	0.024	0.033	0.138	0.225
6471	64.70	0.199	0.042	-0.185	-0.379	-0.457	-0.404	-0.287	-0.211	-0.258	-0.437
6481	64.80	-0.668	-0.829	-0.819	-0.623	-0.324	-0.064	0.040	-0.036	-0.196	-0.266
6491	64.90	-0.091	0.371	0.996	1.531	1.698	1.321	0.421	-0.772	-1.908	-2.653

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

INDEX NO. 2015 206-GR-1-62 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 59.063 (GAL) T= 8.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	4.480	6.497	7.639	7.960	7.717	7.229	6.747	6.381	6.117	5.886
11	0.10	5.642	5.406	5.246	5.219	5.322	5.470	5.536	5.419	5.107	4.690
21	0.20	4.325	4.156	4.238	4.512	4.831	5.037	5.039	4.856	4.587	4.373
31	0.30	4.295	4.341	4.410	4.374	4.147	3.747	3.294	2.967	2.927	3.251
41	0.40	3.899	4.760	5.597	6.313	6.783	6.970	6.885	6.560	6.037	5.371
51	0.50	4.636	3.929	3.374	3.074	3.087	3.387	3.867	4.350	4.636	4.547
61	0.60	3.962	2.841	1.226	-0.764	-2.950	-5.117	-7.039	-8.518	-9.424	-9.724
71	0.70	-9.492	-8.888	-8.109	-7.330	-6.645	-6.056	-5.479	-4.800	-3.926	-2.826
81	0.80	-1.544	-0.165	1.214	2.530	3.765	4.930	6.034	7.053	7.918	8.524
91	0.90	8.764	8.558	7.878	6.746	5.228	3.413	1.412	-0.641	-2.579	-4.210
101	1.00	-5.343	-5.836	-5.652	-4.885	-3.753	-2.532	-1.475	-0.715	-0.225	0.170
111	1.10	0.713	1.607	2.917	4.521	6.129	7.371	7.912	7.554	6.299	4.347
121	1.20	2.042	-0.221	-2.087	-3.318	-3.835	-3.721	-3.190	-2.525	-2.001	-1.805
131	1.30	-1.985	-2.432	-2.921	-3.197	-3.072	-2.513	-1.661	-0.786	-0.176	-0.015
141	1.40	-0.298	-0.817	-1.247	-1.277	-0.745	0.290	1.570	2.749	3.542	3.843
151	1.50	3.763	3.568	3.552	3.899	4.595	5.437	6.117	6.346	5.955	4.931
161	1.60	3.384	1.463	-0.712	-3.081	-5.611	-8.225	-10.744	-12.881	-14.308	-14.769
171	1.70	-14.191	-12.744	-10.801	-8.818	-7.180	-6.079	-5.471	-5.145	-4.855	-4.463
181	1.80	-4.021	-3.747	-3.910	-4.672	-5.960	-7.433	-8.561	-8.799	-7.768	-5.396
191	1.90	-1.946	2.068	6.034	9.405	11.824	13.158	13.471	12.960	11.887	10.539
201	2.00	9.198	8.113	7.458	7.256	7.329	7.296	6.652	4.935	1.921	-2.228
211	2.10	-6.928	-11.294	-14.392	-15.525	-14.464	-11.517	-7.427	-3.134	0.510	2.955
221	2.20	4.038	3.922	2.949	1.484	-0.185	-1.860	-3.384	-4.576	-5.227	-5.140
231	2.30	-4.227	-2.591	-0.552	1.426	2.864	3.426	3.041	1.927	0.525	-0.640
241	2.40	-1.120	-0.673	0.675	2.646	4.791	6.607	7.662	7.686	6.634	4.677
251	2.50	2.155	-0.513	-2.924	-4.775	-5.902	-6.277	-5.970	-5.102	-3.815	-2.266
261	2.60	-0.638	0.853	1.906	2.593	2.626	2.205	1.604	1.166	1.172	1.723
271	2.70	2.681	3.711	4.401	4.421	3.629	2.102	0.067	-2.215	-4.558	-6.884
281	2.80	-9.177	-11.392	-13.373	-14.845	-15.487	-15.062	-13.524	-11.067	-8.071	-4.971
291	2.90	-2.134	0.225	2.041	3.337	4.160	4.548	4.568	4.379	4.267	4.601
301	3.00	5.703	7.677	10.289	12.969	14.970	15.617	14.573	11.972	8.388	4.627
311	3.10	1.451	-0.662	-1.619	-1.652	-1.152	-0.479	0.139	0.611	0.894	0.905
321	3.20	0.483	-0.550	-2.272	-4.548	-7.007	-9.118	-10.359	-10.399	-9.203	-7.036
331	3.30	-4.353	-1.634	0.754	2.630	3.971	4.841	5.311	5.416	5.169	4.603
341	3.40	3.823	3.008	2.378	2.127	2.362	3.062	4.083	5.192	6.121	6.618
351	3.50	6.494	5.660	4.150	2.136	-0.088	-2.148	-3.675	-4.392	-4.197	-3.195
361	3.60	-1.680	-0.051	1.291	2.042	2.057	1.374	0.185	-1.210	-2.460	-3.229
371	3.70	-3.257	-2.427	-0.816	1.294	3.449	5.130	5.896	5.532	4.130	2.084
381	3.80	-0.026	-1.621	-2.304	-1.990	-0.913	0.470	1.643	2.205	1.980	1.043
391	3.90	-0.342	-1.828	-3.098	-3.951	-4.326	-4.291	-3.996	-3.623	-3.323	-3.179
401	4.00	-3.182	-3.231	-3.166	-2.822	-2.103	-1.032	0.231	1.430	2.291	2.631
411	4.10	2.435	1.873	1.257	0.922	1.102	1.833	2.925	4.011	4.672	4.572
421	4.20	3.572	1.791	-0.424	-2.587	-4.202	-4.903	-4.544	-3.241	-1.331	0.720
431	4.30	2.442	3.489	3.715	3.187	2.140	0.878	-0.324	-1.289	-1.947	-2.294
441	4.40	-2.329	-2.004	-1.220	0.120	2.027	4.352	6.762	8.802	10.012	10.075
451	4.50	8.933	6.820	4.205	1.653	-0.337	-1.472	-1.734	-1.357	-0.741	-0.318
461	4.60	-0.434	-1.262	-2.770	-4.744	-6.848	-8.705	-9.978	-10.445	-10.040	-8.863
471	4.70	-7.164	-5.279	-3.558	-2.288	-1.631	-1.601	-2.061	-2.775	-3.455	-3.829
481	4.80	-3.688	-2.922	-1.534	0.367	2.581	4.857	6.938	8.616	9.774	10.415
491	4.90	10.649	10.655	10.604	10.589	10.572	10.367	9.694	8.261	5.872	2.519

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

INDEX NO. 2015 206-GR-1-62 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 59.063 (GAL) T= 8.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.577	-5.990	-10.178	-13.599	-15.843	-16.720	-16.297	-14.863	-12.849	-10.708
511	5.10	-8.814	-7.377	-6.417	-5.786	-5.236	-4.506	-3.411	-1.908	-0.120	1.689
521	5.20	3.180	4.032	4.034	3.154	1.563	-0.396	-2.289	-3.696	-4.321	-4.058
531	5.30	-3.016	-1.476	0.198	1.667	2.712	3.289	3.520	3.634	3.870	4.380
541	5.40	5.169	6.091	6.897	7.330	7.218	6.541	5.444	4.186	3.060	2.308
551	5.50	2.052	2.286	2.696	3.707	4.535	5.204	5.558	5.452	4.760	3.410
561	5.60	1.420	-1.059	-3.741	-6.253	-8.224	-9.386	-9.653	-9.133	-8.085	-6.816
571	5.70	-5.591	-4.559	-3.750	-3.110	-2.562	-2.045	-1.536	-1.032	-0.536	-0.056
581	5.80	0.370	0.653	0.647	0.201	-0.761	-2.144	-3.648	-4.818	-5.183	-4.442
591	5.90	-2.609	-0.045	2.642	4.821	6.067	6.322	5.900	5.342	5.183	5.730
601	6.00	6.954	8.507	9.876	10.556	10.204	8.697	6.107	2.647	-1.390	-5.646
611	6.10	-9.704	-13.116	-15.471	-16.513	-16.244	-14.967	-13.200	-11.487	-10.182	-9.296
621	6.20	-8.491	-7.250	-5.142	-2.064	1.660	5.380	8.382	10.194	10.790	10.589
631	6.30	10.258	10.396	11.265	12.673	14.081	14.853	14.555	13.132	10.919	8.462
641	6.40	6.270	4.600	3.385	2.318	1.047	-0.626	-2.635	-4.673	-6.322	-7.231
651	6.50	-7.249	-6.465	-5.150	-3.636	-2.200	-0.983	0.020	0.920	1.873	3.016
661	6.60	4.432	6.126	8.018	9.942	11.668	12.939	13.534	13.337	12.398	10.935
671	6.70	9.288	7.820	6.798	6.309	6.232	6.297	6.186	5.650	4.586	3.053
681	6.80	1.215	-0.742	-2.687	-4.571	-6.408	-8.211	-9.940	-11.483	-12.690	-13.445
691	6.90	-13.744	-13.728	-13.653	-13.803	-14.387	-15.447	-16.846	-18.314	-19.559	-20.371
701	7.00	-20.689	-20.593	-20.236	-19.746	-19.142	-18.317	-17.069	-15.188	-12.541	-9.125
711	7.10	-5.068	-0.575	4.138	8.909	13.656	18.366	23.043	27.647	32.031	35.897
721	7.20	38.793	40.152	39.380	35.991	29.763	20.855	9.855	-2.289	-14.456	-25.593
731	7.30	-34.945	-42.170	-47.305	-50.595	-52.279	-52.437	-50.977	-47.784	-42.938	-36.871
741	7.40	-30.357	-24.276	-19.256	-15.345	-11.900	-7.791	-1.871	6.466	16.893	28.117
751	7.50	38.257	45.491	48.716	47.927	44.166	39.064	34.192	30.509	28.139	26.551
761	7.60	25.015	23.074	20.801	18.701	17.342	16.907	16.946	16.454	14.290	9.728
771	7.70	2.886	-5.187	-12.817	-18.290	-20.463	-19.142	-15.094	-9.702	-4.439	-0.393
781	7.80	1.996	2.904	2.892	2.600	2.516	2.883	3.722	4.890	6.120	7.002
791	7.90	6.969	5.356	1.573	-4.639	-12.963	-22.411	-31.470	-38.481	-42.138	-41.912
801	8.00	-38.229	-32.307	-25.710	-19.782	-15.188	-11.734	-8.536	-4.447	1.428	9.354
811	8.10	18.858	28.919	38.350	46.201	52.019	55.859	58.087	59.063	58.885	57.298
821	8.20	53.815	47.975	39.637	29.149	17.327	5.252	-6.039	-15.831	-23.872	-30.342
831	8.30	-35.660	-40.245	-44.330	-47.878	-50.638	-52.269	-52.474	-51.080	-48.051	-43.462
841	8.40	-37.486	-30.410	-22.681	-14.932	-7.931	-2.429	1.055	2.439	2.169	1.131
851	8.50	0.388	0.837	2.915	6.478	10.889	15.300	18.981	21.575	23.171	24.189
861	8.60	25.143	26.402	28.050	29.885	31.539	32.623	32.839	32.011	30.053	26.932
871	8.70	22.655	17.320	11.161	4.568	-1.991	-8.102	-13.561	-18.439	-23.027	-27.651
881	8.80	-32.432	-37.123	-41.092	-43.503	-43.607	-41.038	-35.967	-29.058	-21.240	-13.403
891	8.90	-6.149	0.292	5.978	11.050	15.536	19.261	21.906	23.186	23.037	21.731
901	9.00	19.834	18.040	16.934	16.796	17.521	18.681	19.694	20.037	19.420	17.858
911	9.10	15.636	13.189	10.952	9.108	7.687	6.346	4.540	1.651	-2.831	-9.129
921	9.20	-17.060	-26.029	-35.119	-43.287	-49.584	-53.350	-54.317	-52.606	-48.633	-42.972
931	9.30	-36.222	-28.921	-21.515	-14.350	-7.684	-1.674	3.641	8.348	12.631	16.694
941	9.40	20.667	24.500	27.929	30.511	31.737	31.194	28.713	24.445	18.857	12.632
951	9.50	6.514	1.156	-3.003	-5.780	-7.230	-7.576	-7.121	-6.176	-5.008	-3.836
961	9.60	-2.833	-2.140	-1.863	-2.046	-2.637	-3.459	-4.212	-4.524	-4.047	-2.569
971	9.70	-0.107	3.071	6.505	9.679	12.193	13.896	14.931	15.670	16.545	17.855
981	9.80	19.610	21.491	22.934	23.318	22.180	19.388	15.191	10.160	5.017	0.441
991	9.90	-3.100	-5.428	-6.652	-7.078	-7.095	-7.067	-7.253	-7.780	-8.653	-9.779

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

INDEX NO. 2015 206-GR-1-62 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 59.063 (GAL) T= 8.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-11.007	-12.162	-13.069	-13.583	-13.601	-13.080	-12.050	-10.620	-8.976	-7.368
1011	10.10	-6.079	-5.375	-5.432	-6.273	-7.716	-9.372	-10.699	-11.121	-10.176	-7.653
1021	10.20	-3.679	1.296	6.595	11.481	15.330	17.754	18.650	18.156	16.557	14.187
1031	10.30	11.358	8.369	5.418	2.816	0.764	-0.608	-1.336	-1.667	-2.022	-2.866
1041	10.40	-4.525	-7.014	-9.961	-12.680	-14.382	-14.468	-12.663	-9.317	-5.113	-0.930
1051	10.50	2.471	4.678	5.714	5.946	5.871	5.891	6.155	6.552	6.808	6.662
1061	10.60	5.991	4.858	3.453	1.974	0.529	-0.910	-2.457	-4.207	-6.139	-8.073
1071	10.70	-9.716	-10.759	-11.006	-10.455	-9.309	-7.920	-6.682	-5.930	-5.856	-6.476
1081	10.80	-7.636	-9.041	-10.301	-10.996	-10.753	-9.333	-6.699	-3.061	1.152	5.386
1091	10.90	9.107	11.948	13.825	14.950	15.759	16.750	18.294	20.467	22.974	25.182
1101	11.00	26.266	25.444	22.221	16.588	9.100	0.788	-7.072	-13.291	-17.090	-18.317
1111	11.10	-17.454	-15.426	-13.254	-11.685	-10.943	-10.694	-10.242	-8.879	-6.229	-2.457
1121	11.20	1.763	5.496	7.899	8.546	7.567	5.566	3.364	1.664	0.807	0.683
1131	11.30	0.835	0.688	-0.206	-1.994	-4.487	-7.248	-9.748	-11.533	-12.337	-12.113
1141	11.40	-11.008	-9.293	-7.286	-5.292	-3.566	-2.301	-1.631	-1.646	-2.393	-3.871
1151	11.50	-5.996	-8.564	-11.223	-13.481	-14.777	-14.615	-12.701	-9.065	-4.083	1.600
1161	11.60	7.245	12.218	16.139	18.939	20.789	21.970	22.738	23.241	23.533	23.630
1171	11.70	23.581	23.469	23.352	23.160	22.625	21.302	18.709	14.532	8.816	2.052
1181	11.80	-4.913	-11.098	-15.684	-18.250	-18.871	-18.043	-16.668	-14.803	-13.462	-12.539
1191	11.90	-11.855	-11.102	-9.988	-8.359	-6.240	-3.818	-1.375	0.788	2.416	3.354
1201	12.00	3.574	3.184	2.404	1.519	0.817	0.527	0.779	1.598	2.923	4.637
1211	12.10	6.581	8.552	10.292	11.488	11.823	11.057	9.137	6.264	2.888	-0.399
1221	12.20	-3.035	-4.664	-5.245	-5.043	-4.505	-4.085	-4.084	-4.583	-5.473	-6.561
1231	12.30	-7.674	-8.718	-9.656	-10.439	-10.950	-11.004	-10.421	-9.132	-7.250	-5.061
1241	12.40	-2.923	-1.109	0.315	1.515	2.792	4.414	6.441	8.664	10.668	12.001
1251	12.50	12.382	11.816	10.592	9.148	7.876	6.969	6.373	5.857	5.162	4.130
1261	12.60	2.771	1.218	-0.366	-1.888	-3.364	-4.886	-6.540	-8.345	-10.237	-12.120
1271	12.70	-13.934	-15.694	-17.452	-19.193	-20.725	-21.629	-21.330	-19.276	-15.168	-9.133
1281	12.80	-1.757	6.042	13.272	19.131	23.193	25.443	26.168	25.772	24.610	22.908
1291	12.90	20.780	18.308	15.613	12.877	10.287	7.956	5.859	3.842	1.702	-0.703
1301	13.00	-3.366	-6.113	-8.667	-10.761	-12.238	-13.096	-13.459	-13.495	-13.342	-13.066
1311	13.10	-12.687	-12.228	-11.775	-11.473	-11.480	-11.882	-12.633	-13.539	-14.318	-14.699
1321	13.20	-14.506	-13.703	-12.354	-10.545	-8.313	-5.617	-2.398	1.326	5.352	9.268
1331	13.30	12.521	14.577	15.110	14.144	12.082	9.601	7.456	6.262	6.315	7.551
1341	13.40	9.606	11.952	14.063	15.527	16.102	15.698	14.339	12.119	9.193	5.784
1351	13.50	2.197	-1.195	-4.010	-5.941	-6.848	-6.811	-6.129	-5.238	-4.600	-4.572
1361	13.60	-5.318	-6.775	-8.690	-10.697	-12.411	-13.510	-13.803	-13.249	-11.970	-10.232
1371	13.70	-8.404	-6.887	-6.024	-5.993	-6.730	-7.899	-8.965	-9.327	-8.515	-6.348
1381	13.80	-3.018	0.959	4.903	8.182	10.400	11.483	11.628	11.166	10.380	9.390
1391	13.90	8.140	6.485	4.336	1.771	-0.943	-3.423	-5.307	-6.383	-6.641	-6.232
1401	14.00	-5.363	-4.194	-2.785	-1.141	0.705	2.600	4.260	5.345	5.598	4.975
1411	14.10	3.704	2.214	0.992	0.406	0.606	1.518	2.956	4.752	6.838	9.229
1421	14.20	11.912	14.708	17.204	18.817	18.982	17.389	14.161	9.870	5.378	1.540
1431	14.30	-1.078	-2.388	-2.762	-2.857	-3.345	-4.669	-6.926	-9.885	-13.121	-16.170
1441	14.40	-18.651	-20.304	-20.981	-20.618	-19.223	-16.913	-13.935	-10.668	-7.550	-4.959
1451	14.50	-3.085	-1.858	-0.980	-0.041	1.311	3.230	5.613	8.149	10.447	12.172
1461	14.60	13.145	13.358	12.930	12.035	10.846	9.525	8.240	7.196	6.624	6.730
1471	14.70	7.611	9.188	11.183	13.159	14.630	15.178	14.557	12.742	9.918	6.428
1481	14.80	2.699	-0.834	-3.794	-5.919	-7.119	-7.505	-7.387	-7.215	-7.474	-8.539
1491	14.90	-10.553	-13.367	-16.564	-19.578	-21.851	-22.982	-22.806	-21.390	-18.956	-15.770

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

INDEX NO. 2015 206-GR-1-62 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 59.063 (GAL) T= 8.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-12.063	-7.993	-3.671	0.792	5.237	9.456	13.210	16.289	18.547	19.924
1511	15.10	20.430	20.123	19.086	17.431	15.313	12.948	10.599	8.546	7.020	6.140
1521	15.20	5.886	6.108	6.570	7.022	7.244	7.065	6.354	4.992	2.865	-0.115
1531	15.30	-3.954	-8.524	-13.522	-18.491	-22.892	-26.213	-28.075	-28.309	-26.972	-24.313
1541	15.40	-20.692	-16.501	-12.087	-7.711	-3.527	0.409	4.120	7.667	11.104	14.432
1551	15.50	17.561	20.302	22.405	23.623	23.793	22.903	21.107	18.690	15.977	13.238
1561	15.60	10.615	8.110	5.633	3.076	0.388	-2.394	-5.172	-7.855	-10.421	-12.949
1571	15.70	-15.584	-18.455	-21.576	-24.784	-27.733	-29.971	-31.055	-30.674	-28.728	-25.340
1581	15.80	-20.806	-15.502	-9.794	-3.972	1.772	7.329	12.631	17.607	22.146	26.082
1591	15.90	29.192	31.228	31.966	31.260	29.104	25.662	21.255	16.307	11.250	6.431
1601	16.00	2.045	-1.869	-5.378	-8.561	-11.429	-13.890	-15.773	-16.904	-17.197	-16.705
1611	16.10	-15.613	-14.179	-12.641	-11.153	-9.762	-8.448	-7.188	-6.014	-5.018	-4.310
1621	16.20	-3.957	-3.923	-4.071	-4.206	-4.159	-3.844	-3.273	-2.511	-1.595	-0.479
1631	16.30	0.958	2.836	5.159	7.717	10.087	11.735	12.204	11.311	9.255	6.591
1641	16.40	4.061	2.342	1.819	2.462	3.864	5.403	6.475	6.680	5.919	4.362
1651	16.50	2.330	0.159	-1.897	-3.699	-5.181	-6.302	-7.000	-7.204	-6.868	-6.016
1661	16.60	-4.766	-3.300	-1.809	-0.434	0.778	1.859	2.881	3.899	4.909	5.846
1671	16.70	6.612	7.119	7.326	7.239	6.888	6.291	5.430	4.252	2.695	0.729
1681	16.80	-1.616	-4.244	-7.022	-9.813	-12.512	-15.047	-17.366	-19.398	-21.026	-22.080
1691	16.90	-22.366	-21.709	-20.007	-17.263	-13.592	-9.194	-4.318	0.783	5.870	10.742
1701	17.00	15.226	19.182	22.500	25.096	26.915	27.920	28.077	27.346	25.675	23.025
1711	17.10	19.399	14.878	9.653	4.023	-1.638	-6.929	-11.487	-15.036	-17.412	-18.566
1721	17.20	-18.551	-17.502	-15.618	-13.155	-10.404	-7.665	-5.202	-3.197	-1.707	-0.659
1731	17.30	0.125	0.858	1.715	2.762	3.929	5.023	5.796	6.025	5.591	4.521
1741	17.40	2.987	1.263	-0.350	-1.606	-2.370	-2.644	-2.555	-2.296	-2.056	-1.950
1751	17.50	-1.977	-2.013	-1.856	-1.297	-0.199	1.454	3.537	5.826	8.063	10.028
1761	17.60	11.584	12.684	13.341	13.573	13.373	12.695	11.486	9.728	7.475	4.864
1771	17.70	2.085	-0.666	-3.240	-5.547	-7.553	-9.238	-10.556	-11.420	-11.717	-11.353
1781	17.80	-10.297	-8.613	-6.455	-4.027	-1.536	0.852	3.033	4.955	6.598	7.949
1791	17.90	8.985	9.664	9.927	9.699	8.887	7.399	5.177	2.238	-1.270	-5.052
1801	18.00	-8.686	-11.710	-13.732	-14.538	-14.158	-12.845	-10.983	-8.960	-7.060	-5.402
1811	18.10	-3.970	-2.686	-1.484	-0.378	0.572	1.305	1.825	2.227	2.665	3.275
1821	18.20	4.086	4.983	5.722	6.022	5.677	4.635	3.031	1.130	-0.758	-2.372
1831	18.30	-3.552	-4.240	-4.447	-4.212	-3.581	-2.624	-1.457	-0.260	0.750	1.375
1841	18.40	1.514	1.213	0.662	0.136	-0.105	0.084	0.687	1.539	2.402	3.058
1851	18.50	3.397	3.441	3.320	3.205	3.225	3.413	3.682	3.854	3.712	3.067
1861	18.60	1.618	-0.013	-2.270	-4.692	-6.962	-8.778	-9.926	-10.332	-10.080	-9.391
1871	18.70	-8.560	-7.879	-7.565	-7.716	-8.305	-9.204	-10.226	-11.172	-11.861	-12.147
1881	18.80	-11.938	-11.196	-9.945	-8.268	-6.287	-4.129	-1.890	0.392	2.735	5.179
1891	18.90	7.735	10.332	12.801	14.898	16.376	17.056	16.892	15.977	14.508	12.715
1901	19.00	10.798	8.897	7.100	5.467	4.167	3.291	3.010	3.419	4.488	6.065
1911	19.10	7.806	9.454	10.735	11.524	11.836	11.775	11.463	10.967	10.271	9.306
1921	19.20	8.013	6.404	4.588	2.746	1.053	-0.401	-1.664	-2.918	-4.407	-6.332
1931	19.30	-8.760	-11.568	-14.465	-17.066	-19.002	-20.015	-20.018	-19.085	-17.408	-15.223
1941	19.40	-12.750	-10.158	-7.563	-5.054	-2.720	-0.664	1.003	2.189	2.850	3.010
1951	19.50	2.754	2.211	1.513	0.767	0.040	-0.636	-1.237	-1.727	-2.041	-2.094
1961	19.60	-1.810	-1.156	-0.168	1.046	2.325	3.499	4.432	5.054	5.368	5.442
1971	19.70	5.375	5.271	5.221	5.286	5.500	5.862	6.328	6.803	7.135	7.131
1981	19.80	6.593	5.369	3.408	0.797	-2.240	-5.378	-8.262	-10.587	-12.158	-12.923
1991	19.90	-12.964	-12.449	-11.576	-10.512	-9.350	-8.101	-6.708	-5.080	-3.136	-0.851

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

INDEX NO. 2015 206-GR-1-62 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 59.063 (GAL) T= 8.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.729	4.472	7.190	9.678	11.756	13.312	14.315	14.806	14.860	14.548
2011	20.10	13.900	12.911	11.561	9.862	7.901	5.851	3.940	2.394	1.355	0.831
2021	20.20	0.684	0.669	0.513	0.002	-0.960	-2.332	-3.968	-5.681	-7.300	-8.716
2031	20.30	-9.888	-10.824	-11.555	-12.113	-12.525	-12.817	-13.026	-13.195	-13.357	-13.516
2041	20.40	-13.627	-13.607	-13.359	-12.801	-11.905	-10.694	-9.227	-7.562	-5.715	-3.651
2051	20.50	-1.302	1.391	4.419	7.678	10.971	14.041	16.638	18.580	19.780	20.255
2061	20.60	20.084	19.375	18.218	16.677	14.788	12.585	10.112	7.431	4.613	1.730
2071	20.70	-1.156	-3.988	-6.687	-9.150	-11.239	-12.803	-13.718	-13.929	-13.486	-12.532
2081	20.80	-11.274	-9.914	-8.580	-7.286	-5.926	-4.328	-2.327	0.159	3.071	6.212
2091	20.90	9.294	12.016	14.149	15.593	16.374	16.607	16.422	15.887	14.972	13.551
2101	21.00	11.464	8.593	4.938	0.656	-3.951	-8.499	-12.611	-15.997	-18.511	-20.148
2111	21.10	-21.009	-21.233	-20.934	-20.159	-18.892	-17.077	-14.668	-11.671	-8.172	-4.333
2121	21.20	-0.371	3.481	7.013	10.062	12.528	14.376	15.626	16.337	16.598	16.511
2131	21.30	16.171	15.656	15.008	14.233	13.298	12.151	10.743	9.062	7.150	5.114
2141	21.40	3.111	1.313	-0.137	-1.168	-1.807	-2.170	-2.435	-2.783	-3.352	-4.195
2151	21.50	-5.274	-6.487	-7.707	-8.828	-9.791	-10.585	-11.224	-11.713	-12.021	-12.081
2161	21.60	-11.808	-11.135	-10.041	-8.574	-6.834	-4.951	-3.050	-1.231	0.439	1.910
2171	21.70	3.134	4.060	4.636	4.838	4.690	4.275	3.724	3.185	2.784	2.591
2181	21.80	2.612	2.798	3.079	3.382	3.647	3.821	3.846	3.649	3.155	2.310
2191	21.90	1.120	-0.328	-1.865	-3.284	-4.391	-5.070	-5.306	-5.187	-4.857	-4.452
2201	22.00	-4.053	-3.658	-3.201	-2.590	-1.762	-0.716	0.476	1.694	2.804	3.696
2211	22.10	4.304	4.613	4.648	4.454	4.082	3.579	2.981	2.312	1.586	0.802
2221	22.20	-0.040	-0.939	-1.867	-2.771	-3.570	-4.172	-4.594	-4.531	-4.273	-3.796
2231	22.30	-3.189	-2.528	-1.855	-1.171	-0.456	0.303	1.083	1.812	2.391	2.717
2241	22.40	2.726	2.419	1.862	1.164	0.442	-0.209	-0.736	-1.125	-1.381	-1.509
2251	22.50	-1.502	-1.335	-0.987	-0.451	0.252	1.074	1.949	2.809	3.598	4.277
2261	22.60	4.823	5.222	5.467	5.556	5.494	5.294	4.979	4.574	4.099	3.565
2271	22.70	2.976	2.338	1.672	1.024	0.456	0.038	-0.181	-0.192	-0.042	0.169
2281	22.80	0.318	0.285	-0.011	-0.587	-1.399	-2.349	-3.314	-4.175	-4.833	-5.224
2291	22.90	-5.314	-5.101	-4.604	-3.866	-2.957	-1.967	-1.002	-0.170	0.435	0.754
2301	23.00	0.761	0.468	-0.094	-0.890	-1.889	-3.059	-4.358	-5.714	-7.017	-8.130
2311	23.10	-8.912	-9.253	-9.107	-8.505	-7.540	-6.331	-4.979	-3.538	-2.004	-0.343
2321	23.20	1.467	3.396	5.340	7.133	8.594	9.578	10.026	9.982	9.568	8.940
2331	23.30	8.232	7.516	6.796	6.028	5.160	4.168	3.070	1.924	0.794	-0.273
2341	23.40	-1.265	-2.201	-3.103	-3.971	-4.763	-5.398	-5.777	-5.820	-5.498	-4.850
2351	23.50	-3.971	-2.991	-2.034	-1.188	-0.489	0.082	0.579	1.066	1.593	2.175
2361	23.60	2.791	3.383	3.878	4.202	4.302	4.158	3.783	3.219	2.518	1.730
2371	23.70	0.891	0.024	-0.846	-1.679	-2.401	-2.915	-3.111	-2.905	-2.268	-1.253
2381	23.80	0.014	1.356	2.593	3.577	4.229	4.531	4.511	4.212	3.664	2.880
2391	23.90	1.875	0.685	-0.603	-1.845	-2.866	-3.496	-3.618	-3.202	-2.311	-1.086
2401	24.00	0.296	1.668	2.909	3.958	4.810	5.495	6.056	6.525	6.916	7.219
2411	24.10	7.407	7.442	7.285	6.902	6.277	5.409	4.320	3.047	1.634	0.126
2421	24.20	-1.445	-3.048	-4.654	-6.218	-7.675	-8.939	-9.911	-10.509	-10.684	-10.438
2431	24.30	-9.825	-8.941	-7.898	-6.800	-5.726	-4.721	-3.799	-2.957	-2.178	-1.448
2441	24.40	-0.758	-0.107	0.497	1.035	1.480	1.799	1.965	1.964	1.800	1.499
2451	24.50	1.099	0.638	0.147	-0.358	-0.870	-1.381	-1.870	-2.294	-2.600	-2.737
2461	24.60	-2.675	-2.425	-2.031	-1.563	-1.088	-0.650	-0.252	0.133	0.549	1.026
2471	24.70	1.567	2.141	2.697	3.186	3.581	3.889	4.139	4.361	4.565	4.724
2481	24.80	4.783	4.672	4.342	3.788	3.050	2.209	1.353	0.548	-0.177	-0.835
2491	24.90	-1.456	-2.063	-2.648	-3.170	-3.564	-3.774	-3.783	-3.625	-3.386	-3.175

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

INDEX NO. 2015 206-GR-1-62 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 59.063 (GAL) T= 8.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.094	-3.206	-3.521	-4.001	-4.576	-5.174	-5.737	-6.230	-6.639	-6.964
2511	25.10	-7.204	-7.360	-7.424	-7.388	-7.238	-6.956	-6.516	-5.886	-5.040	-3.961
2521	25.20	-2.662	-1.183	0.408	2.032	3.612	5.093	6.441	7.644	8.701	9.615
2531	25.30	10.391	11.037	11.562	11.972	12.258	12.376	12.243	11.743	10.759	9.213
2541	25.40	7.107	4.544	1.713	-1.153	-3.833	-6.171	-8.100	-9.620	-10.768	-11.564
2551	25.50	-11.989	-11.986	-11.496	-10.496	-9.035	-7.230	-5.245	-3.238	-1.324	0.435
2561	25.60	2.024	3.433	4.627	5.543	6.104	6.263	6.044	5.556	4.967	4.457
2571	25.70	4.151	4.081	4.179	4.314	4.356	4.223	3.914	3.492	3.041	2.620
2581	25.80	2.233	1.836	1.373	0.824	0.241	-0.256	-0.510	-0.390	0.159	1.085
2591	25.90	2.243	3.438	4.486	5.254	5.690	5.806	5.656	5.300	4.784	4.139
2601	26.00	3.391	2.574	1.733	0.915	0.158	-0.524	-1.146	-1.735	-2.320	-2.914
2611	26.10	-3.513	-4.107	-4.695	-5.297	-5.949	-6.679	-7.481	-8.289	-8.977	-9.384
2621	26.20	-9.362	-8.827	-7.785	-6.343	-4.670	-2.951	-1.336	0.095	1.332	2.419
2631	26.30	3.416	4.378	5.333	6.286	7.225	8.136	8.997	9.776	10.419	10.853
2641	26.40	10.988	10.739	10.048	8.899	7.322	5.390	3.195	0.841	-1.574	-3.961
2651	26.50	-6.232	-8.303	-10.092	-11.527	-12.553	-13.147	-13.319	-13.118	-12.621	-11.928
2661	26.60	-11.142	-10.356	-9.642	-9.031	-8.516	-8.053	-7.574	-7.016	-6.334	-5.518
2671	26.70	-4.594	-3.607	-2.605	-1.613	-0.632	0.362	1.391	2.461	3.547	4.593
2681	26.80	5.528	6.289	6.838	7.167	7.301	7.275	7.127	6.889	6.585	6.237
2691	26.90	5.872	5.518	5.194	4.903	4.618	4.290	3.860	3.284	2.552	1.698
2701	27.00	0.797	-0.050	-0.748	-1.224	-1.452	-1.447	-1.256	-0.945	-0.573	-0.182
2711	27.10	0.211	0.611	1.038	1.510	2.037	2.608	3.193	3.744	4.200	4.500
2721	27.20	4.585	4.407	3.939	3.179	2.158	0.950	-0.339	-1.579	-2.646	-3.449
2731	27.30	-3.952	-4.187	-4.235	-4.201	-4.170	-4.183	-4.222	-4.221	-4.094	-3.764
2741	27.40	-3.187	-2.356	-1.290	-0.021	1.413	2.964	4.564	6.113	7.486	8.555
2751	27.50	9.220	9.441	9.248	8.721	7.954	7.011	5.904	4.590	3.010	1.129
2761	27.60	-1.025	-3.354	-5.709	-7.939	-9.923	-11.592	-12.920	-13.887	-14.452	-14.537
2771	27.70	-14.047	-12.908	-11.113	-8.749	-5.990	-3.065	-0.196	2.438	4.731	6.640
2781	27.80	8.156	9.279	9.995	10.282	10.131	9.568	8.665	7.534	6.305	5.095
2791	27.90	3.984	3.008	2.165	1.429	0.775	0.186	-0.340	-0.794	-1.164	-1.443
2801	28.00	-1.631	-1.740	-1.791	-1.809	-1.823	-1.860	-1.942	-2.082	-2.285	-2.544
2811	28.10	-2.843	-3.152	-3.422	-3.585	-3.557	-3.252	-2.610	-1.619	-0.337	1.110
2821	28.20	2.553	3.816	4.770	5.357	5.597	5.565	5.349	5.005	4.539	3.915
2831	28.30	3.085	2.029	0.779	-0.581	-1.942	-3.207	-4.325	-5.293	-6.143	-6.902
2841	28.40	-7.561	-8.064	-8.324	-8.257	-7.823	-7.047	-6.008	-4.820	-3.585	-2.376
2851	28.50	-1.225	-0.148	0.835	1.680	2.322	2.698	2.778	2.591	2.218	1.772
2861	28.60	1.352	1.017	0.764	0.551	0.322	0.051	-0.249	-0.530	-0.745	-0.877
2871	28.70	-0.959	-1.069	-1.295	-1.692	-2.251	-2.900	-3.530	-4.034	-4.351	-4.477
2881	28.80	-4.451	-4.322	-4.108	-3.783	-3.284	-2.548	-1.545	-0.305	1.092	2.537
2891	28.90	3.939	5.246	6.449	7.560	8.577	9.456	10.115	10.456	10.402	9.934
2901	29.00	9.100	7.992	6.714	5.338	3.895	2.377	0.777	-0.887	-2.546	-4.096
2911	29.10	-5.423	-6.438	-7.105	-7.433	-7.462	-7.236	-6.788	-6.145	-5.348	-4.467
2921	29.20	-3.610	-2.893	-2.408	-2.181	-2.156	-2.215	-2.215	-2.044	-1.654	-1.061
2931	29.30	-0.324	0.498	1.372	2.291	3.247	4.200	5.052	5.666	5.909	5.711
2941	29.40	5.112	4.259	3.366	2.639	2.195	2.025	2.007	1.955	1.701	1.154
2951	29.50	0.329	-0.673	-1.710	-2.654	-3.420	-3.975	-4.318	-4.454	-4.372	-4.052
2961	29.60	-3.470	-2.625	-1.552	-0.319	0.977	2.235	3.360	4.274	4.926	5.292
2971	29.70	5.380	5.227	4.898	4.473	4.029	3.624	3.283	2.999	2.744	2.488
2981	29.80	2.209	1.901	1.569	1.213	0.828	0.403	-0.074	-0.600	-1.156	-1.711
2991	29.90	-2.234	-2.710	-3.143	-3.547	-3.933	-4.283	-4.552	-4.677	-4.603	-4.307

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

INDEX NO. 2015 206-GR-1-62 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 59.063 (GAL) T= 8.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.810	-3.174	-2.467	-1.744	-1.020	-0.282	0.493	1.306	2.117	2.848
3011	30.10	3.407	3.728	3.798	3.657	3.387	3.069	2.760	2.475	2.205	1.942
3021	30.20	1.702	1.531	1.488	1.612	1.892	2.256	2.586	2.760	2.688	2.343
3031	30.30	1.759	1.011	0.174	-0.700	-1.597	-2.531	-3.517	-4.555	-5.615	-6.645
3041	30.40	-7.578	-8.355	-8.925	-9.251	-9.306	-9.075	-8.557	-7.776	-6.784	-5.656
3051	30.50	-4.473	-3.300	-2.173	-1.097	-0.062	0.937	1.875	2.699	3.344	3.766
3061	30.60	3.974	4.039	4.076	4.207	4.510	4.981	5.527	5.998	6.230	6.106
3071	30.70	5.587	4.722	3.621	2.413	1.202	0.048	-1.042	-2.091	-3.124	-4.147
3081	30.80	-5.135	-6.039	-6.796	-7.344	-7.637	-7.639	-7.330	-6.695	-5.727	-4.429
3091	30.90	-2.828	-0.976	1.048	3.141	5.189	7.085	8.740	10.091	11.106	11.775
3101	31.00	12.104	12.112	11.824	11.272	10.497	9.550	8.490	7.380	6.273	5.208
3111	31.10	4.204	3.260	2.364	1.506	0.683	-0.087	-0.772	-1.335	-1.748	-1.999
3121	31.20	-2.107	-2.111	-2.065	-2.023	-2.024	-2.085	-2.202	-2.356	-2.524	-2.690
3131	31.30	-2.848	-3.006	-3.182	-3.391	-3.641	-3.922	-4.202	-4.432	-4.553	-4.509
3141	31.40	-4.263	-3.805	-3.166	-2.407	-1.613	-0.872	-0.259	0.179	0.426	0.492
3151	31.50	0.401	0.175	-0.172	-0.641	-1.232	-1.943	-2.750	-3.609	-4.456	-5.219
3161	31.60	-5.828	-6.231	-6.395	-6.314	-6.002	-5.491	-4.827	-4.063	-3.255	-2.454
3171	31.70	-1.700	-1.015	-0.401	0.156	0.674	1.168	1.633	2.051	2.389	2.615
3181	31.80	2.714	2.694	2.585	2.432	2.276	2.146	2.054	1.996	1.970	1.979
3191	31.90	2.035	2.155	2.345	2.587	2.832	3.010	3.052	2.908	2.573	2.084
3201	32.00	1.508	0.918	0.365	-0.138	-0.612	-1.095	-1.614	-2.165	-2.703	-3.156
3211	32.10	-3.449	-3.535	-3.411	-3.117	-2.724	-2.303	-1.905	-1.550	-1.230	-0.929
3221	32.20	-0.636	-0.363	-0.131	0.033	0.118	0.139	0.135	0.155	0.237	0.399
3231	32.30	0.629	0.895	1.164	1.411	1.632	1.836	2.033	2.219	2.372	2.456
3241	32.40	2.432	2.279	1.999	1.620	1.181	0.720	0.261	-0.189	-0.630	-1.056
3251	32.50	-1.448	-1.768	-1.972	-2.026	-1.918	-1.671	-1.334	-0.967	-0.621	-0.324
3261	32.60	-0.073	0.155	0.389	0.645	0.912	1.150	1.298	1.289	1.076	0.644
3271	32.70	0.020	-0.725	-1.494	-2.185	-2.717	-3.053	-3.206	-3.237	-3.232	-3.273
3281	32.80	-3.411	-3.647	-3.934	-4.188	-4.320	-4.258	-3.970	-3.465	-2.782	-1.975
3291	32.90	-1.093	-0.170	0.774	1.732	2.698	3.666	4.622	5.548	6.420	7.211
3301	33.00	7.890	8.416	8.748	8.851	8.702	8.301	7.674	6.865	5.931	4.925
3311	33.10	3.888	2.849	1.827	0.836	-0.107	-0.976	-1.745	-2.387	-2.885	-3.228
3321	33.20	-3.416	-3.458	-3.365	-3.157	-2.859	-2.503	-2.127	-1.770	-1.465	-1.230
3331	33.30	-1.060	-0.927	-0.787	-0.584	-0.263	0.213	0.858	1.656	2.561	3.506
3341	33.40	4.417	5.225	5.884	6.371	6.687	6.844	6.854	6.716	6.425	5.962
3351	33.50	5.322	4.515	3.565	2.502	1.348	0.108	-1.230	-2.680	-4.233	-5.844
3361	33.60	-7.427	-8.866	-10.052	-10.911	-11.423	-11.622	-11.570	-11.324	-10.917	-10.341
3371	33.70	-9.573	-8.595	-7.425	-6.119	-4.761	-3.432	-2.181	-1.014	0.100	1.198
3381	33.80	2.301	3.391	4.421	5.337	6.103	6.717	7.206	7.603	7.923	8.143
3391	33.90	8.215	8.095	7.769	7.277	6.708	6.163	5.715	5.375	5.089	4.759
3401	34.00	4.292	3.642	2.826	1.915	0.992	0.110	-0.734	-1.592	-2.535	-3.600
3411	34.10	-4.756	-5.899	-6.880	-7.554	-7.834	-7.719	-7.295	-6.698	-6.072	-5.523
3421	34.20	-5.101	-4.793	-4.551	-4.308	-4.003	-3.586	-3.022	-2.290	-1.386	-0.332
3431	34.30	0.818	1.986	3.081	4.029	4.797	5.409	5.931	6.449	7.020	7.639
3441	34.40	8.227	8.645	8.741	8.404	7.611	6.438	5.047	3.632	2.367	1.357
3451	34.50	0.618	0.095	-0.299	-0.649	-0.997	-1.344	-1.661	-1.921	-2.124	-2.303
3461	34.60	-2.518	-2.827	-3.263	-3.817	-4.440	-5.067	-5.642	-6.137	-6.558	-6.936
3471	34.70	-7.302	-7.665	-8.004	-8.269	-8.401	-8.352	-8.102	-7.663	-7.068	-6.359
3481	34.80	-5.574	-4.734	-3.857	-2.960	-2.071	-1.235	-0.504	0.077	0.482	0.719
3491	34.90	0.826	0.859	0.877	0.923	1.017	1.159	1.333	1.523	1.718	1.914

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

INDEX NO. 2015 206-GR-1-62 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 59.063 (GAL) T= 8.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.108	2.289	2.431	2.496	2.447	2.258	1.931	1.497	1.011	0.529
3511	35.10	0.097	-0.273	-0.596	-0.903	-1.221	-1.553	-1.866	-2.102	-2.196	-2.107
3521	35.20	-1.834	-1.419	-0.933	-0.448	-0.005	0.402	0.820	1.318	1.953	2.735
3531	35.30	3.622	4.521	5.316	5.903	6.220	6.256	6.045	5.650	5.140	4.570
3541	35.40	3.978	3.391	2.835	2.342	1.949	1.689	1.574	1.585	1.671	1.757
3551	35.50	1.768	1.649	1.385	1.003	0.569	0.162	-0.146	-0.313	-0.331	-0.231
3561	35.60	-0.060	0.130	0.303	0.442	0.555	0.660	0.775	0.915	1.080	1.265
3571	35.70	1.459	1.657	1.855	2.051	2.239	2.403	2.523	2.576	2.550	2.452
3581	35.80	2.310	2.171	2.091	2.114	2.265	2.539	2.898	3.276	3.590	3.749
3591	35.90	3.668	3.288	2.584	1.579	0.350	-0.986	-2.287	-3.425	-4.314	-4.938
3601	36.00	-5.350	-5.653	-5.963	-6.356	-6.844	-7.357	-7.774	-7.954	-7.793	-7.256
3611	36.10	-6.385	-5.279	-4.056	-2.812	-1.596	-0.404	0.791	2.012	3.244	4.427
3621	36.20	5.468	6.267	6.756	6.913	6.769	6.391	5.847	5.189	4.438	3.590
3631	36.30	2.636	1.577	0.439	-0.730	-1.876	-2.955	-3.945	-4.844	-5.658	-6.389
3641	36.40	-7.025	-7.537	-7.897	-8.090	-8.126	-8.035	-7.853	-7.601	-7.276	-6.845
3651	36.50	-6.270	-5.531	-4.649	-3.693	-2.762	-1.952	-1.321	-0.860	-0.501	-0.135
3661	36.60	0.339	0.983	1.796	2.723	3.676	4.574	5.364	6.031	6.583	7.036
3671	36.70	7.390	7.626	7.712	7.620	7.342	6.894	6.309	5.622	4.855	4.014
3681	36.80	3.096	2.104	1.060	0.010	-0.986	-1.872	-2.615	-3.213	-3.694	-4.090
3691	36.90	-4.421	-4.677	-4.812	-4.762	-4.467	-3.896	-3.063	-2.025	-0.871	0.304
3701	37.00	1.416	2.408	3.255	3.953	4.507	4.921	5.192	5.309	5.259	5.038
3711	37.10	4.653	4.130	3.500	2.800	2.057	1.288	0.502	-0.297	-1.097	-1.875
3721	37.20	-2.600	-3.240	-3.774	-4.199	-4.535	-4.812	-5.057	-5.278	-5.460	-5.566
3731	37.30	-5.560	-5.418	-5.148	-4.780	-4.364	-3.939	-3.529	-3.131	-2.729	-2.308
3741	37.40	-1.872	-1.439	-1.037	-0.680	-0.356	-0.020	0.381	0.891	1.513	2.199
3751	37.50	2.863	3.409	3.758	3.872	3.759	3.452	2.989	2.400	1.701	0.917
3761	37.60	0.093	-0.695	-1.354	-1.803	-2.010	-2.010	-1.905	-1.821	-1.871	-2.106
3771	37.70	-2.499	-2.961	-3.376	-3.646	-3.718	-3.586	-3.269	-2.784	-2.127	-1.275
3781	37.80	-0.207	1.063	2.474	3.915	5.256	6.385	7.236	7.805	8.134	8.278
3791	37.90	8.276	8.130	7.816	7.296	6.556	5.613	4.526	3.381	2.265	1.251
3801	38.00	0.383	-0.315	-0.841	-1.196	-1.388	-1.427	-1.328	-1.117	-0.823	-0.474
3811	38.10	-0.097	0.287	0.653	0.971	1.199	1.293	1.214	0.945	0.499	-0.079
3821	38.20	-0.722	-1.359	-1.930	-2.395	-2.738	-2.953	-3.043	-3.003	-2.832	-2.535
3831	38.30	-2.132	-1.669	-1.209	-0.824	-0.574	-0.495	-0.590	-0.827	-1.158	-1.530
3841	38.40	-1.903	-2.257	-2.592	-2.916	-3.233	-3.534	-3.790	-3.964	-4.021	-3.942
3851	38.50	-3.734	-3.427	-3.062	-2.672	-2.271	-1.866	-1.364	-0.794	-0.127	0.611
3861	38.60	1.358	2.034	2.562	2.897	3.032	2.999	2.850	2.641	2.411	2.181
3871	38.70	1.960	1.756	1.587	1.477	1.453	1.528	1.697	1.933	2.194	2.439
3881	38.80	2.636	2.761	2.799	2.731	2.535	2.194	1.699	1.068	0.344	-0.410
3891	38.90	-1.132	-1.775	-2.325	-2.791	-3.197	-3.555	-3.857	-4.069	-4.152	-4.074
3901	39.00	-3.832	-3.454	-2.981	-2.454	-1.890	-1.281	-0.602	0.164	1.008	1.888
3911	39.10	2.738	3.496	4.122	4.613	4.997	5.310	5.570	5.758	5.826	5.713
3921	39.20	5.376	4.817	4.085	3.267	2.454	1.712	1.066	0.499	-0.030	-0.557
3931	39.30	-1.092	-1.613	-2.068	-2.405	-2.584	-2.597	-2.463	-2.224	-1.926	-1.608
3941	39.40	-1.294	-0.999	-0.730	-0.497	-0.313	-0.192	-0.140	-0.154	-0.215	-0.295
3951	39.50	-0.360	-0.381	-0.339	-0.229	-0.055	0.169	0.429	0.708	0.989	1.258
3961	39.60	1.496	1.686	1.812	1.864	1.840	1.746	1.591	1.390	1.153	0.889
3971	39.70	0.601	0.292	-0.032	-0.364	-0.695	-1.022	-1.344	-1.673	-2.022	-2.402
3981	39.80	-2.813	-3.238	-3.646	-3.996	-4.250	-4.384	-4.395	-4.302	-4.143	-3.965
3991	39.90	-3.816	-3.734	-3.740	-3.838	-4.005	-4.200	-4.365	-4.437	-4.366	-4.128

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

INDEX NO. 2015 206-GR-1-62 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 59.063 (GAL) T= 8.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.732	-3.218	-2.645	-2.066	-1.515	-0.994	-0.486	0.031	0.560	1.074
4011	40.10	1.517	1.830	1.978	1.970	1.870	1.779	1.796	1.987	2.356	2.843
4021	40.20	3.348	3.760	3.994	4.009	3.810	3.430	2.917	2.313	1.656	0.973
4031	40.30	0.293	-0.358	-0.962	-1.516	-2.030	-2.526	-3.016	-3.489	-3.903	-4.194
4041	40.40	-4.298	-4.182	-3.861	-3.400	-2.886	-2.398	-1.971	-1.581	-1.154	-0.603
4051	40.50	0.134	1.067	2.144	3.277	4.368	5.347	6.184	6.886	7.475	7.964
4061	40.60	8.344	8.581	8.639	8.490	8.137	7.606	6.937	6.166	5.313	4.383
4071	40.70	3.370	2.275	1.111	-0.097	-1.320	-2.539	-3.742	-4.922	-6.057	-7.097
4081	40.80	-7.958	-8.540	-8.751	-8.539	-7.920	-6.974	-5.821	-4.589	-3.372	-2.211
4091	40.90	-1.098	-0.005	1.084	2.146	3.114	3.899	4.423	4.664	4.662	4.515
4101	41.00	4.344	4.245	4.256	4.340	4.412	4.364	4.118	3.648	2.988	2.210
4111	41.10	1.393	0.592	-0.179	-0.935	-1.698	-2.471	-3.221	-3.881	-4.368	-4.621
4121	41.20	-4.615	-4.381	-3.989	-3.524	-3.060	-2.635	-2.252	-1.886	-1.511	-1.118
4131	41.30	-0.726	-0.374	-0.112	0.027	0.035	-0.062	-0.216	-0.372	-0.485	-0.531
4141	41.40	-0.507	-0.429	-0.322	-0.206	-0.093	0.012	0.111	0.206	0.299	0.391
4151	41.50	0.484	0.581	0.686	0.803	0.935	1.079	1.232	1.388	1.546	1.707
4161	41.60	1.876	2.059	2.256	2.464	2.673	2.868	3.034	3.156	3.220	3.211
4171	41.70	3.113	2.910	2.589	2.148	1.599	0.969	0.296	-0.381	-1.036	-1.655
4181	41.80	-2.240	-2.796	-3.321	-3.795	-4.183	-4.442	-4.563	-4.485	-4.295	-4.025
4191	41.90	-3.732	-3.450	-3.183	-2.907	-2.580	-2.174	-1.686	-1.145	-0.599	-0.092
4201	42.00	0.357	0.764	1.164	1.593	2.058	2.526	2.933	3.208	3.304	3.218
4211	42.10	2.993	2.699	2.401	2.134	1.893	1.644	1.347	0.980	0.551	0.090
4221	42.20	-0.374	-0.831	-1.302	-1.817	-2.403	-3.047	-3.695	-4.260	-4.658	-4.838
4231	42.30	-4.813	-4.646	-4.427	-4.230	-4.079	-3.938	-3.733	-3.386	-2.856	-2.158
4241	42.40	-1.359	-0.544	0.221	0.912	1.550	2.182	2.865	3.538	4.212	4.788
4251	42.50	5.185	5.356	5.302	5.077	4.759	4.424	4.123	3.869	3.646	3.427
4261	42.60	3.190	2.927	2.647	2.364	2.088	1.822	1.560	1.298	1.038	0.796
4271	42.70	0.593	0.447	0.367	0.342	0.347	0.349	0.316	0.229	0.080	-0.126
4281	42.80	-0.378	-0.667	-0.990	-1.345	-1.733	-2.145	-2.563	-2.957	-3.292	-3.533
4291	42.90	-3.656	-3.653	-3.532	-3.314	-3.024	-2.687	-2.318	-1.930	-1.533	-1.145
4301	43.00	-0.791	-0.502	-0.307	-0.217	-0.221	-0.277	-0.327	-0.310	-0.186	0.056
4311	43.10	0.387	0.756	1.104	1.387	1.586	1.710	1.784	1.831	1.859	1.854
4321	43.20	1.793	1.651	1.419	1.110	0.757	0.396	0.060	-0.235	-0.487	-0.698
4331	43.30	-0.864	-0.974	-1.004	-0.940	-0.783	-0.562	-0.329	-0.139	-0.034	-0.024
4341	43.40	-0.079	-0.141	-0.145	-0.045	0.174	0.492	0.861	1.227	1.545	1.784
4351	43.50	1.930	1.974	1.907	1.727	1.439	1.074	0.688	0.358	0.160	0.149
4361	43.60	0.332	0.666	1.072	1.459	1.759	1.946	2.041	2.097	2.173	2.301
4371	43.70	2.680	2.674	2.828	2.894	2.847	2.693	2.454	2.160	1.827	1.453
4381	43.80	1.021	0.513	-0.081	-0.752	-1.472	-2.204	-2.910	-3.563	-4.144	-4.666
4391	43.90	-5.066	-5.400	-5.644	-5.793	-5.845	-5.802	-5.672	-5.467	-5.205	-4.902
4401	44.00	-4.578	-4.250	-3.931	-3.623	-3.319	-3.005	-2.662	-2.277	-1.851	-1.397
4411	44.10	-0.938	-0.492	-0.063	0.365	0.821	1.334	1.915	2.540	3.150	3.669
4421	44.20	4.024	4.168	4.093	3.824	3.405	2.874	2.250	1.536	0.734	-0.137
4431	44.30	-1.024	-1.848	-2.522	-2.990	-3.246	-3.347	-3.391	-3.478	-3.669	-3.953
4441	44.40	-4.248	-4.434	-4.393	-4.063	-3.462	-2.684	-1.866	-1.144	-0.606	-0.269
4451	44.50	-0.086	0.027	0.160	0.371	0.674	1.043	1.433	1.799	2.119	2.400
4461	44.60	2.667	2.951	3.276	3.643	4.028	4.390	4.680	4.858	4.898	4.803
4471	44.70	4.597	4.327	4.044	3.795	3.603	3.466	3.352	3.206	2.971	2.604
4481	44.80	2.089	1.450	0.739	0.027	-0.621	-1.162	-1.586	-1.913	-2.181	-2.427
4491	44.90	-2.669	-2.902	-3.092	-3.199	-3.184	-3.029	-2.737	-2.338	-1.871	-1.375

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

INDEX NO. 2015 206-GR-1-62 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 59.063 (GAL) T= 8.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.881	-0.405	0.053	0.502	0.955	1.425	1.917	2.426	2.932	3.404
4511	45.10	3.796	4.059	4.152	4.054	3.768	3.329	2.786	2.195	1.600	1.022
4521	45.20	0.461	-0.095	-0.658	-1.229	-1.796	-2.338	-2.832	-3.264	-3.627	-3.912
4531	45.30	-4.104	-4.173	-4.080	-3.794	-3.313	-2.675	-1.959	-1.270	-0.702	-0.311
4541	45.40	-0.092	0.019	0.118	0.304	0.638	1.131	1.737	2.382	2.982	3.475
4551	45.50	3.825	4.025	4.086	4.019	3.835	3.540	3.146	2.670	2.143	1.594
4561	45.60	1.054	0.540	0.058	-0.392	-0.812	-1.200	-1.549	-1.853	-2.112	-2.334
4571	45.70	-2.532	-2.715	-2.884	-3.017	-3.086	-3.054	-2.903	-2.633	-2.273	-1.868
4581	45.80	-1.461	-1.086	-0.748	-0.435	-0.122	0.204	0.540	0.858	1.115	1.267
4591	45.90	1.292	1.193	1.005	0.778	0.560	0.384	0.255	0.153	0.047	-0.089
4601	46.00	-0.262	-0.456	-0.632	-0.750	-0.775	-0.702	-0.553	-0.377	-0.234	-0.179
4611	46.10	-0.244	-0.433	-0.720	-1.054	-1.378	-1.632	-1.771	-1.767	-1.611	-1.312
4621	46.20	-0.892	-0.381	0.185	0.773	1.353	1.905	2.415	2.881	3.310	3.709
4631	46.30	4.088	4.446	4.776	5.060	5.272	5.383	5.368	5.215	4.926	4.524
4641	46.40	4.045	3.533	3.031	2.575	2.179	1.847	1.564	1.312	1.073	0.835
4651	46.50	0.592	0.346	0.102	-0.139	-0.377	-0.614	-0.854	-1.099	-1.349	-1.606
4661	46.60	-1.871	-2.150	-2.449	-2.773	-3.122	-3.482	-3.835	-4.155	-4.421	-4.621
4671	46.70	-4.762	-4.862	-4.947	-5.039	-5.146	-5.255	-5.341	-5.372	-5.326	-5.201
4681	46.80	-5.018	-4.814	-4.629	-4.489	-4.401	-4.344	-4.286	-4.191	-4.037	-3.816
4691	46.90	-3.538	-3.215	-2.853	-2.446	-1.981	-1.446	-0.842	-0.190	0.468	1.086
4701	47.00	1.626	2.073	2.437	2.744	3.023	3.289	3.532	3.723	3.824	3.808
4711	47.10	3.666	3.410	3.070	2.677	2.256	1.821	1.379	0.938	0.511	0.120
4721	47.20	-0.216	-0.482	-0.684	-0.838	-0.969	-1.094	-1.214	-1.309	-1.350	-1.310
4731	47.30	-1.177	-0.959	-0.686	-0.390	-0.096	0.185	0.463	0.754	1.075	1.426
4741	47.40	1.797	2.166	2.514	2.828	3.109	3.363	3.592	3.789	3.931	3.989
4751	47.50	3.935	3.756	3.460	3.073	2.632	2.174	1.725	1.296	0.889	0.501
4761	47.60	0.137	-0.192	-0.467	-0.672	-0.805	-0.879	-0.921	-0.966	-1.041	-1.156
4771	47.70	-1.299	-1.442	-1.551	-1.599	-1.577	-1.492	-1.360	-1.195	-1.000	-0.764
4781	47.80	-0.470	-0.110	0.310	0.759	1.189	1.555	1.823	1.992	2.085	2.141
4791	47.90	2.198	2.276	2.370	2.457	2.505	2.489	2.398	2.233	2.002	1.707
4801	48.00	1.343	0.901	0.378	-0.213	-0.841	-1.462	-2.033	-2.526	-2.936	-3.277
4811	48.10	-3.572	-3.835	-4.066	-4.250	-4.364	-4.394	-4.342	-4.226	-4.073	-3.905
4821	48.20	-3.731	-3.547	-3.342	-3.104	-2.835	-2.541	-2.225	-1.876	-1.468	-0.958
4831	48.30	-0.311	0.481	1.389	2.343	3.254	4.036	4.635	5.039	5.273	5.379
4841	48.40	5.394	5.332	5.178	4.906	4.495	3.946	3.293	2.594	1.912	1.301
4851	48.50	0.786	0.366	0.017	-0.291	-0.587	-0.884	-1.189	-1.494	-1.793	-2.072
4861	48.60	-2.317	-2.512	-2.632	-2.651	-2.544	-2.297	-1.907	-1.398	-0.812	-0.211
4871	48.70	0.337	0.768	1.040	1.148	1.127	1.047	0.994	1.042	1.228	1.537
4881	48.80	1.898	2.214	2.389	2.366	2.145	1.786	1.378	1.006	0.721	0.517
4891	48.90	0.345	0.138	-0.154	-0.536	-0.971	-1.389	-1.725	-1.947	-2.066	-2.133
4901	49.00	-2.209	-2.338	-2.523	-2.725	-2.885	-2.944	-2.875	-2.689	-2.427	-2.142
4911	49.10	-1.870	-1.624	-1.384	-1.121	-0.805	-0.424	0.014	0.487	0.970	1.445
4921	49.20	1.899	2.325	2.713	3.050	3.326	3.540	3.706	3.855	4.017	4.205
4931	49.30	4.403	4.558	4.597	4.451	4.083	3.509	2.792	2.021	1.285	0.632
4941	49.40	0.068	-0.444	-0.956	-1.505	-2.095	-2.694	-3.246	-3.702	-4.041	-4.277
4951	49.50	-4.453	-4.614	-4.786	-4.961	-5.095	-5.128	-5.009	-4.715	-4.264	-3.708
4961	49.60	-3.113	-2.543	-2.034	-1.595	-1.206	-0.834	-0.447	-0.027	0.427	0.898
4971	49.70	1.356	1.765	2.091	2.302	2.379	2.313	2.106	1.773	1.340	0.841
4981	49.80	0.314	-0.205	-0.691	-1.126	-1.509	-1.846	-2.152	-2.440	-2.712	-2.958
4991	49.90	-3.152	-3.261	-3.250	-3.099	-2.811	-2.414	-1.957	-1.499	-1.090	-0.760

Table 7-10-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 2015 206-GR-1-62 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 59.063 (GAL) T= 8.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.512	-0.326	-0.168	-0.009	0.170	0.371	0.579	0.778	0.954	1.107
5011	50.10	1.244	1.381	1.528	1.688	1.852	2.006	2.132	2.216	2.250	2.231
5021	50.20	2.158	2.037	1.874	1.683	1.480	1.284	1.109	0.960	0.833	0.712
5031	50.30	0.584	0.440	0.286	0.137	0.013	-0.073	-0.122	-0.144	-0.156	-0.165
5041	50.40	-0.163	-0.122	-0.010	0.200	0.515	0.915	1.360	1.806	2.220	2.585
5051	50.50	2.900	3.166	3.379	3.519	3.562	3.491	3.309	3.046	2.748	2.459
5061	50.60	2.207	1.990	1.786	1.567	1.323	1.066	0.827	0.635	0.499	0.402
5071	50.70	0.308	0.182	0.016	-0.164	-0.311	-0.361	-0.363	-0.290	-0.222	-0.220
5081	50.80	-0.303	-0.436	-0.540	-0.529	-0.363	-0.063	0.289	0.598	0.812	0.957
5091	50.90	1.131	1.452	1.981	2.668	3.332	3.724	3.617	2.910	1.687	0.199

Table 7-11-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 2016 206-GR-1-62 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = 16.573 (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	5.251	10.030	14.047	16.380	16.573	14.768	11.614	7.980	4.628	1.985
11	0.10	0.104	-1.207	-2.166	-2.845	-3.146	-2.897	-2.031	-0.700	0.731	1.831
21	0.20	2.305	2.152	1.670	1.320	1.501	2.357	3.712	5.156	6.239	6.657
31	0.30	6.343	5.428	4.111	2.522	0.676	-1.468	-3.877	-6.335	-8.437	-9.707
41	0.40	-9.794	-8.642	-6.568	-4.072	-1.826	-0.253	0.488	0.532	0.174	-0.288
51	0.50	-0.668	-0.895	-0.953	-0.792	-0.302	0.635	2.027	3.697	5.286	6.377
61	0.60	6.686	6.210	5.260	4.330	3.872	4.070	4.752	5.469	5.720	5.200
71	0.70	3.990	2.449	1.099	0.330	0.226	0.545	0.875	0.879	0.494	-0.016
81	0.80	-0.187	0.400	1.894	4.073	6.412	8.291	9.236	9.077	7.955	6.209
91	0.90	4.204	2.195	0.296	-1.459	-3.025	-4.278	-5.039	-5.155	-4.611	-3.575
101	1.00	-2.365	-1.335	-0.738	-0.635	-0.887	-1.231	-1.391	-1.177	-0.520	0.547
111	1.10	1.922	3.464	4.992	6.267	7.009	6.964	6.018	4.308	2.255	0.470
121	1.20	-0.456	-0.206	1.079	2.794	4.056	4.069	2.364	-0.801	-4.687	-8.245
131	1.30	-10.536	-11.080	-10.015	-7.996	-5.890	-4.417	-3.877	-4.084	-4.524	-4.623
141	1.40	-4.024	-2.722	-1.039	0.554	1.650	2.063	1.861	1.293	0.646	0.125
151	1.50	-0.193	-0.339	-0.387	-0.398	-0.403	-0.430	-0.529	-0.773	-1.222	-1.653
161	1.60	-2.519	-2.966	-2.919	-2.218	-0.925	0.647	2.019	2.722	2.484	1.355
171	1.70	-0.294	-1.911	-2.973	-3.190	-2.608	-1.574	-0.581	-0.061	-0.211	-0.926
181	1.80	-1.857	-2.558	-2.665	-2.030	-0.756	0.847	2.385	3.504	3.990	3.797
191	1.90	3.030	1.880	0.561	-0.737	-1.859	-2.685	-3.113	-3.065	-2.503	-1.468
201	2.00	-0.100	1.357	2.605	3.374	3.512	3.059	2.252	1.454	1.023	1.168
211	2.10	1.847	2.758	3.435	3.419	2.441	0.536	-1.939	-4.420	-6.307	-7.157
221	2.20	-6.800	-5.363	-3.200	-0.767	1.503	3.283	4.390	4.777	4.515	3.763
231	2.30	2.752	1.742	0.978	0.619	0.689	1.062	1.511	1.793	1.748	1.360
241	2.40	0.744	0.080	-0.483	-0.907	-1.261	-1.669	-2.215	-2.874	-3.511	-3.937
251	2.50	-4.011	-3.707	-3.121	-2.409	-1.694	-1.017	-0.345	0.340	0.947	1.236
261	2.60	0.888	-0.338	-2.430	-5.029	-7.499	-9.141	-9.481	-8.480	-6.573	-4.485
271	2.70	-2.919	-2.253	-2.388	-2.835	-2.982	-2.422	-1.154	0.427	1.745	2.363
281	2.80	2.217	1.656	1.258	1.526	2.616	4.243	5.820	6.749	6.706	5.793
291	2.90	4.462	3.269	2.586	2.427	2.470	2.262	1.486	0.145	-1.424	-2.722
301	3.00	-3.334	-3.128	-2.298	-1.239	-0.330	0.252	0.590	0.922	1.455	2.187
311	3.10	2.865	3.091	2.536	1.136	-0.816	-2.751	-4.038	-4.225	-3.205	-1.234
321	3.20	1.190	3.526	5.361	6.494	6.912	6.699	5.948	4.733	3.136	1.306
331	3.30	-0.509	-1.989	-2.838	-2.897	-2.227	-1.106	0.064	0.894	1.148	0.805
341	3.40	0.047	-0.829	-1.536	-1.889	-1.847	-1.501	-1.020	-0.583	-0.332	-0.338
351	3.50	-0.600	-1.044	-1.538	-1.918	-2.025	-1.752	-1.095	-0.171	0.793	1.518
361	3.60	1.761	1.397	0.470	-0.810	-2.129	-3.160	-3.655	-3.510	-2.776	-1.629
371	3.70	-0.313	0.927	1.891	2.452	2.567	2.271	1.661	0.882	0.094	-0.555
381	3.80	-0.966	-1.116	-1.058	-0.907	-0.790	-0.801	-0.954	-1.176	-1.323	-1.236
391	3.90	-0.804	-0.017	1.018	2.095	2.970	3.440	3.409	2.929	2.193	1.474
401	4.00	1.047	1.099	1.659	2.587	3.606	4.389	4.659	4.282	3.313	1.989
411	4.10	0.658	-0.328	-0.716	-0.433	0.400	1.506	2.550	3.236	3.396	3.023
421	4.20	2.242	1.246	0.217	-0.738	-1.595	-2.386	-3.121	-3.757	-4.166	-4.186
431	4.30	-3.700	-2.723	-1.449	-0.220	0.574	0.637	-0.107	-1.464	-3.020	-4.278
441	4.40	-4.834	-4.513	-3.417	-1.858	-0.219	1.204	2.295	3.125	3.853	4.602
451	4.50	5.350	5.912	6.020	5.448	4.148	2.296	0.250	-1.585	-2.905	-3.613
461	4.60	-3.832	-3.812	-3.799	-3.902	-4.051	-4.035	-3.621	-2.678	-1.259	0.397
471	4.70	1.948	3.071	3.575	3.446	2.840	2.000	1.170	0.514	0.085	-0.164
481	4.80	-0.346	-0.586	-0.984	-1.589	-2.386	-3.296	-4.184	-4.878	-5.207	-5.044
491	4.90	-4.345	-3.179	-1.722	-0.225	1.051	1.899	2.225	2.066	1.580	0.999

Table 7-11-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 2016 206-GR-1-62 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = 16.573 (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	0.558	0.428	0.663	1.179	1.778	2.206	2.237	1.762	0.841	-0.294
511	5.10	-1.306	-1.860	-1.751	-0.993	0.167	1.317	2.023	1.981	1.134	-0.300
521	5.20	-1.892	-3.144	-3.646	-3.199	-1.865	0.067	2.169	3.996	5.189	5.545
531	5.30	5.055	3.893	2.378	0.902	-0.163	-0.570	-0.275	0.526	1.449	2.044
541	5.40	1.958	1.087	-0.362	-1.920	-3.025	-3.236	-2.417	-0.808	1.050	2.514
551	5.50	3.078	2.566	1.180	-0.583	-2.134	-3.019	-3.069	-2.439	-1.503	-0.685
561	5.60	-0.276	-0.332	-0.675	-0.994	-0.993	-0.529	0.324	1.304	2.066	2.321
571	5.70	1.955	1.080	-0.008	-0.935	-1.401	-1.296	-0.755	-0.108	0.245	-0.001
581	5.80	-0.923	-2.318	-3.763	-4.769	-4.960	-4.217	-2.722	-0.881	0.828	2.032
591	5.90	2.582	2.569	2.236	1.846	1.549	1.333	1.050	0.519	-0.365	-1.567
601	6.00	-2.915	-4.170	-5.114	-5.613	-5.636	-5.215	-4.399	-3.222	-1.715	0.048
611	6.10	1.908	3.617	4.888	5.501	5.391	4.703	3.747	2.889	2.399	2.344
621	6.20	2.556	2.712	2.467	1.615	0.173	-1.619	-3.390	-4.773	-5.524	-5.579
631	6.30	-5.034	-4.076	-2.900	-1.658	-0.457	0.616	1.463	1.975	2.071	1.751
641	6.40	1.134	0.450	-0.032	-0.103	0.294	1.028	1.824	2.375	2.472	2.096
651	6.50	1.427	0.762	0.388	0.447	0.880	1.452	1.858	1.860	1.381	0.528
661	6.60	-0.472	-1.382	-2.056	-2.482	-2.742	-2.922	-3.023	-2.922	-2.411	-1.309
671	6.70	0.421	2.594	4.833	6.673	7.728	7.824	7.060	5.753	4.301	3.032
681	6.80	2.090	1.418	0.831	0.134	-0.773	-1.851	-2.954	-3.911	-4.612	-5.042
691	6.90	-5.261	-5.339	-5.294	-5.068	-4.559	-3.702	-2.533	-1.217	-0.001	0.872
701	7.00	1.263	1.195	0.832	0.413	0.142	0.128	0.367	0.790	1.336	2.002
711	7.10	2.841	3.910	5.192	6.552	7.747	8.504	8.622	8.045	6.882	5.342
721	7.20	3.641	1.916	0.201	-1.530	-3.276	-4.940	-6.321	-7.194	-7.419	-7.043
731	7.30	-6.319	-5.617	-5.275	-5.434	-5.969	-6.534	-6.710	-6.197	-4.945	-3.172
741	7.40	-1.256	0.436	1.692	2.509	3.026	3.382	3.591	3.505	2.898	1.623
751	7.50	-0.227	-2.271	-3.927	-4.628	-4.057	-2.304	0.140	2.557	4.264	4.865
761	7.60	4.371	3.159	1.787	0.756	0.331	0.471	0.892	1.215	1.119	0.446
771	7.70	-0.777	-2.378	-4.112	-5.724	-6.988	-7.729	-7.847	-7.327	-6.264	-4.846
781	7.80	-3.309	-1.862	-0.613	0.467	1.506	2.643	3.916	5.195	6.201	6.615
791	7.90	6.236	5.109	3.550	2.054	1.099	0.945	1.521	2.450	3.209	3.370
801	8.00	2.795	1.703	0.580	-0.035	0.206	1.295	2.863	4.312	5.059	4.758
811	8.10	3.421	1.402	-0.760	-2.542	-3.620	-3.945	-3.708	-3.216	-2.748	-2.446
821	8.20	-2.293	-2.156	-1.885	-1.386	-0.670	0.171	1.018	1.785	2.452	3.051
831	8.30	3.625	4.183	4.668	4.983	5.033	4.779	4.270	3.616	2.931	2.259
841	8.40	1.524	0.551	-0.862	-2.832	-5.292	-7.956	-10.372	-12.045	-12.590	-11.849
851	8.50	-9.927	-7.146	-3.927	-0.663	2.368	5.021	7.268	9.114	10.562	11.595
861	8.60	12.187	12.328	12.029	11.292	10.086	8.328	5.925	2.853	-0.748	-4.517
871	8.70	-7.911	-10.334	-11.333	-10.776	-8.933	-6.405	-3.927	-2.113	-1.247	-1.202
881	8.80	-1.536	-1.705	-1.309	-0.269	1.150	2.459	3.160	2.953	1.859	0.198
891	8.90	-1.542	-2.897	-3.585	-3.575	-3.065	-2.359	-1.739	-1.349	-1.162	-0.997
901	9.00	-0.604	0.240	1.651	3.584	5.837	8.082	9.937	11.043	11.146	10.146
911	9.10	8.110	5.252	1.873	-1.708	-5.209	-8.413	-11.170	-13.369	-14.918	-15.736
921	9.20	-15.770	-15.027	-13.590	-11.621	-9.329	-6.912	-4.506	-2.163	0.142	2.451
931	9.30	4.763	6.984	8.915	10.296	10.879	10.507	9.178	7.052	4.415	1.611
941	9.40	-1.038	-3.286	-4.983	-6.055	-6.472	-6.204	-5.219	-3.502	-1.103	1.811
951	9.50	4.932	7.846	10.112	11.378	11.496	10.573	8.953	7.105	5.470	4.314
961	9.60	3.648	3.248	2.770	1.914	0.561	-1.160	-2.922	-4.326	-5.062	-5.026
971	9.70	-4.347	-3.325	-2.295	-1.500	-1.014	-0.750	-0.529	-0.187	0.352	1.051
981	9.80	1.792	2.438	2.888	3.098	3.067	2.803	2.298	1.525	0.464	-0.869
991	9.90	-2.404	-4.024	-5.601	-7.023	-8.216	-9.126	-9.696	-9.847	-9.482	-8.533

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

INDEX NO. 2016 206-GR-1-62 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 16.573 (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	-7.013	-5.054	-2.900	-0.844	0.866	2.099	2.875	3.320	3.580	3.731
1011	10.10	3.735	3.475	2.842	1.831	0.584	-0.639	-1.577	-2.092	-2.252	-2.305
1021	10.20	-2.557	-3.201	-4.182	-5.173	-5.884	-5.272	-3.748	-1.300	1.545	4.097
1031	10.30	5.749	6.193	5.512	4.115	2.550	1.293	0.587	0.398	0.504	0.631
1041	10.40	0.600	0.393	0.140	0.035	0.239	0.820	1.750	2.935	4.271	5.670
1051	10.50	7.054	8.323	9.338	9.920	9.897	9.166	7.742	5.769	3.483	1.144
1061	10.60	-1.042	-2.964	-4.605	-6.002	-7.190	-8.164	-8.867	-9.214	-9.124	-8.551
1071	10.70	-7.504	-6.032	-4.220	-2.173	-0.020	2.086	3.968	5.447	6.371	6.660
1081	10.80	6.320	5.439	4.156	2.619	0.944	-0.786	-2.500	-4.107	-5.470	-6.416
1091	10.90	-6.785	-6.489	-5.573	-4.225	-2.739	-1.634	-0.559	-0.228	-0.406	-0.944
1101	11.00	-1.659	-2.401	-3.103	-3.777	-4.475	-5.237	-6.053	-6.854	-7.527	-7.952
1111	11.10	-8.029	-7.690	-6.896	-5.624	-3.864	-1.636	0.977	3.807	6.590	9.000
1121	11.20	10.719	11.516	11.328	10.281	8.669	6.870	5.236	3.993	3.188	2.688
1131	11.30	2.255	1.645	0.712	-0.530	-1.904	-3.126	-3.903	-4.029	-3.451	-2.281
1141	11.40	-0.752	0.860	2.320	3.409	4.340	4.927	5.338	5.643	5.869	6.000
1151	11.50	5.996	5.824	5.474	4.953	4.275	3.448	2.471	1.351	0.134	-1.077
1161	11.60	-2.121	-2.808	-2.974	-2.540	-1.550	-0.175	1.322	2.653	3.573	3.936
1171	11.70	3.721	3.020	2.010	0.912	-0.056	-0.709	-0.929	-0.690	-0.068	0.759
1181	11.80	1.540	2.001	1.916	1.176	-0.176	-1.942	-3.813	-5.455	-6.586	-7.043
1191	11.90	-6.809	-5.992	-4.776	-3.372	-1.961	-0.681	0.387	1.202	1.756	2.063
1201	12.00	2.151	2.052	1.800	1.412	0.891	0.227	-0.579	-1.495	-2.448	-3.323
1211	12.10	-3.994	-4.357	-4.369	-4.064	-3.535	-2.902	-2.274	-1.709	-1.217	-0.769
1221	12.20	-0.332	0.109	0.546	0.957	1.327	1.663	1.992	2.342	2.726	3.121
1231	12.30	3.478	3.742	3.874	3.868	3.746	3.533	3.240	2.851	2.341	1.705
1241	12.40	0.992	0.307	-0.214	-0.453	-0.371	-0.041	0.368	0.647	0.617	0.201
1251	12.50	-0.556	-1.506	-2.461	-3.260	-3.813	-4.115	-4.218	-4.192	-4.094	-3.945
1261	12.60	-3.736	-3.438	-3.017	-2.437	-1.672	-0.717	0.389	1.550	2.608	3.376
1271	12.70	3.698	3.516	2.912	2.102	1.369	0.956	0.968	1.330	1.815	2.150
1281	12.80	2.139	1.755	1.158	0.622	0.413	0.672	1.348	2.223	3.002	3.422
1291	12.90	3.344	2.779	1.858	0.766	-0.316	-1.245	-1.926	-2.297	-2.337	-2.080
1301	13.00	-1.637	-1.193	-0.966	-1.130	-1.734	-2.654	-3.623	-4.322	-4.516	-4.161
1311	13.10	-3.435	-2.665	-2.192	-2.221	-2.734	-3.505	-4.210	-4.576	-4.504	-4.100
1321	13.20	-3.613	-3.303	-3.313	-3.605	-3.971	-4.140	-3.885	-3.113	-1.892	-0.398
1331	13.30	1.154	2.585	3.781	4.668	5.277	5.521	5.391	4.872	3.992	2.832
1341	13.40	1.512	0.156	-1.138	-2.310	-3.326	-4.141	-4.680	-4.839	-4.527	-3.722
1351	13.50	-2.521	-1.142	0.122	0.990	1.294	1.034	0.379	-0.394	-1.003	-1.255
1361	13.60	-1.101	-0.636	-0.044	0.476	0.779	0.811	0.603	0.243	-0.161	-0.506
1371	13.70	-0.715	-0.724	-0.485	0.032	0.830	1.865	3.034	4.191	5.160	5.788
1381	13.80	5.975	5.706	5.049	4.133	3.109	2.105	1.199	0.418	-0.248	-0.812
1391	13.90	-1.269	-1.578	-1.682	-1.539	-1.155	-0.605	-0.024	0.426	0.615	0.487
1401	14.00	0.092	-0.434	-0.902	-1.140	-1.036	-0.568	0.202	1.159	2.176	3.143
1411	14.10	3.976	4.609	4.977	5.017	4.670	3.918	2.808	1.471	0.114	-1.023
1421	14.20	-1.726	-1.865	-1.441	-0.585	0.471	1.453	2.115	2.296	1.950	1.144
1431	14.30	0.027	-1.221	-2.433	-3.489	-4.325	-4.913	-5.239	-5.276	-4.981	-4.311
1441	14.40	-3.255	-1.873	-0.308	1.232	2.525	3.397	3.784	3.751	3.462	3.119
1451	14.50	2.879	2.795	2.804	2.753	2.471	1.844	0.861	-0.375	-1.683	-2.850
1461	14.60	-3.686	-4.053	-3.879	-3.157	-1.949	-0.382	1.345	2.979	4.258	4.971
1471	14.70	5.022	4.466	3.496	2.368	1.311	0.444	-0.258	-0.918	-1.671	-2.568
1481	14.80	-3.521	-4.328	-4.759	-4.668	-4.072	-3.152	-2.163	-1.311	-0.646	-0.026
1491	14.90	0.799	2.039	3.728	5.639	7.325	8.278	8.123	6.785	4.527	1.874

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

INDEX NO. 2016 206-GR-1-62 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 16.573 (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	-0.578	-2.365	-3.294	-3.461	-3.161	-2.729	-2.398	-2.229	-2.140	-1.996
1511	15.10	-1.716	-1.329	-0.967	-0.787	-0.878	-1.200	-1.586	-1.805	-1.655	-1.048
1521	15.20	-0.038	1.199	2.435	3.467	4.168	4.501	4.496	4.208	3.682	2.941
1531	15.30	1.995	0.860	-0.421	-1.776	-3.107	-4.308	-5.281	-5.946	-6.251	-6.176
1541	15.40	-5.741	-5.009	-4.081	-3.087	-2.153	-1.368	-0.764	-0.304	0.092	0.514
1551	15.50	1.013	1.576	2.121	2.529	2.687	2.530	2.068	1.368	0.524	-0.383
1561	15.60	-1.319	-2.290	-3.316	-4.389	-5.433	-6.306	-6.822	-6.817	-6.203	-5.013
1571	15.70	-3.404	-1.614	0.101	1.533	2.560	3.157	3.367	3.257	2.885	2.282
1581	15.80	1.466	0.474	-0.636	-1.761	-2.777	-3.576	-4.089	-4.302	-4.240	-3.941
1591	15.90	-3.420	-2.654	-1.585	-0.161	1.633	3.733	5.996	8.217	10.172	11.661
1601	16.00	12.548	12.771	12.340	11.314	9.784	7.859	5.657	3.308	0.942	-1.312
1611	16.10	-3.345	-5.067	-6.420	-7.369	-7.899	-8.006	-7.703	-7.029	-6.054	-4.887
1621	16.20	-3.666	-2.533	-1.612	-0.976	-0.634	-0.536	-0.587	-0.676	-0.705	-0.610
1631	16.30	-0.372	-0.019	0.383	0.742	0.963	0.968	0.722	0.243	-0.385	-1.029
1641	16.40	-1.536	-1.771	-1.658	-1.207	-0.517	0.255	0.932	1.374	1.517	1.390
1651	16.50	1.105	0.819	0.682	0.796	1.187	1.797	2.512	3.192	3.716	4.006
1661	16.60	4.040	3.845	3.480	3.010	2.490	1.961	1.448	0.976	0.569	0.256
1671	16.70	0.066	0.004	0.069	0.229	0.441	0.664	0.866	1.033	1.167	1.269
1681	16.80	1.333	1.338	1.249	1.026	0.660	0.086	-0.612	-1.396	-2.187	-2.894
1691	16.90	-3.423	-3.697	-3.663	-3.306	-2.654	-1.774	-0.762	0.273	1.234	2.048
1701	17.00	2.669	3.077	3.261	3.211	2.913	2.362	1.574	0.600	-0.474	-1.546
1711	17.10	-2.521	-3.339	-3.989	-4.497	-4.903	-5.225	-5.442	-5.490	-5.292	-4.794
1721	17.20	-3.997	-2.967	-1.827	-0.713	0.261	1.032	1.590	1.962	2.175	2.239
1731	17.30	2.135	1.832	1.314	0.604	-0.228	-1.072	-1.812	-2.353	-2.645	-2.689
1741	17.40	-2.520	-2.191	-1.753	-1.241	-0.679	-0.091	0.490	1.022	1.455	1.750
1751	17.50	1.887	1.876	1.744	1.533	1.277	0.992	0.682	0.344	-0.016	-0.369
1761	17.60	-0.659	-0.817	-0.783	-0.529	-0.073	0.515	1.136	1.686	2.091	2.320
1771	17.70	2.388	2.338	2.216	2.051	1.845	1.584	1.255	0.862	0.433	0.007
1781	17.80	-0.388	-0.749	-1.104	-1.490	-1.926	-2.386	-2.791	-3.027	-2.993	-2.646
1791	17.90	-2.027	-1.261	-0.507	0.093	0.475	0.667	0.770	0.903	1.142	1.485
1801	18.00	1.856	2.144	2.264	2.204	2.037	1.888	1.877	2.057	2.385	2.733
1811	18.10	2.937	2.860	2.444	1.727	0.817	-0.148	-1.051	-1.823	-2.446	-2.931
1821	18.20	-3.287	-3.507	-3.566	-3.437	-3.112	-2.615	-1.992	-1.302	-0.590	0.121
1831	18.30	0.825	1.512	2.153	2.691	3.047	3.155	2.991	2.596	2.071	1.553
1841	18.40	1.167	0.985	0.997	1.123	1.233	1.204	0.956	0.483	-0.151	-0.833
1851	18.50	-1.442	-1.883	-2.111	-2.138	-2.015	-1.811	-1.585	-1.364	-1.139	-0.869
1861	18.60	-0.500	0.004	0.647	1.379	2.106	2.706	3.063	3.101	2.806	2.235
1871	18.70	1.499	0.728	0.040	-0.496	-0.869	-1.117	-1.308	-1.514	-1.789	-2.164
1881	18.80	-2.641	-3.202	-3.807	-4.397	-4.888	-5.179	-5.171	-4.794	-4.031	-2.943
1891	18.90	-1.661	-0.359	0.790	1.659	2.194	2.412	2.382	2.188	1.899	1.562
1901	19.00	1.205	0.862	0.589	0.463	0.564	0.940	1.584	2.424	3.338	4.189
1911	19.10	4.864	5.300	5.487	5.446	5.208	4.783	4.162	3.325	2.267	1.022
1921	19.20	-0.334	-1.689	-2.917	-3.904	-4.572	-4.879	-4.824	-4.434	-3.762	-2.873
1931	19.30	-1.845	-0.765	0.283	1.225	2.007	2.599	2.992	3.197	3.231	3.118
1941	19.40	2.883	2.552	2.150	1.695	1.196	0.652	0.062	-0.563	-1.189	-1.756
1951	19.50	-2.187	-2.421	-2.436	-2.274	-2.027	-1.813	-1.721	-1.774	-1.907	-1.992
1961	19.60	-1.884	-1.490	-0.815	0.030	0.860	1.478	1.744	1.615	1.152	0.483
1971	19.70	-0.243	-0.907	-1.439	-1.820	-2.052	-2.142	-2.088	-1.886	-1.549	-1.120
1981	19.80	-0.677	-0.307	-0.086	-0.047	-0.173	-0.406	-0.671	-0.907	-1.080	-1.193
1991	19.90	-1.265	-1.317	-1.358	-1.377	-1.356	-1.281	-1.151	-0.985	-0.814	-0.665

Table 7-11-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 2016 206-GR-1-62 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 16.573 (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)
2001	20.00	-0.557	-0.496	-0.475	-0.484	-0.514	-0.564	-0.633	-0.719	-0.813	-0.901
2011	20.10	-0.969	-1.006	-1.013	-1.003	-0.995	-1.009	-1.052	-1.122	-1.199	-1.258
2021	20.20	-1.275	-1.237	-1.144	-1.011	-0.859	-0.706	-0.558	-0.407	-0.238	-0.033
2031	20.30	0.211	0.484	0.761	1.010	1.213	1.367	1.490	1.609	1.747	1.905
2041	20.40	2.061	2.177	2.221	2.178	2.067	1.930	1.809	1.729	1.677	1.605
2051	20.50	1.452	1.174	0.770	0.288	-0.188	-0.568	-0.785	-0.817	-0.682	-0.418
2061	20.60	-0.063	0.369	0.879	1.469	2.122	2.785	3.386	3.850	4.137	4.255
2071	20.70	4.255	4.204	4.142	4.057	3.882	3.523	2.909	2.035	0.983	-0.099
2081	20.80	-1.044	-1.726	-2.105	-2.239	-2.247	-2.264	-2.379	-2.609	-2.901	-3.163
2091	20.90	-3.313	-3.310	-3.172	-2.957	-2.731	-2.540	-2.394	-2.270	-2.132	-1.953
2101	21.00	-1.727	-1.467	-1.193	-0.916	-0.636	-0.341	-0.029	0.286	0.570	0.776
2111	21.10	0.869	0.845	0.739	0.616	0.549	0.595	0.773	1.063	1.420	1.792
2121	21.20	2.146	2.470	2.766	3.036	3.265	3.413	3.431	3.273	2.919	2.390
2131	21.30	1.738	1.035	0.353	-0.255	-0.758	-1.144	-1.403	-1.525	-1.497	-1.311
2141	21.40	-0.979	-0.536	-0.046	0.416	0.778	0.990	1.033	0.916	0.674	0.351
2151	21.50	-0.004	-0.345	-0.632	-0.831	-0.922	-0.901	-0.767	-0.614	-0.427	-0.261
2161	21.60	-0.130	-0.029	0.065	0.174	0.299	0.415	0.475	0.426	0.233	-0.106
2171	21.70	-0.555	-1.056	-1.548	-1.989	-2.366	-2.692	-2.985	-3.254	-3.488	-3.653
2181	21.80	-3.714	-3.646	-3.453	-3.162	-2.819	-2.466	-2.128	-1.809	-1.498	-1.179
2191	21.90	-0.848	-0.514	-0.198	0.078	0.304	0.486	0.642	0.795	0.961	1.143
2201	22.00	1.330	1.505	1.650	1.751	1.795	1.766	1.645	1.413	1.059	0.600
2211	22.10	0.083	-0.406	-0.768	-0.911	-0.785	-0.401	0.164	0.786	1.329	1.682
2221	22.20	1.794	1.676	1.393	1.033	0.669	0.339	0.035	-0.283	-0.656	-1.100
2231	22.30	-1.585	-2.032	-2.337	-2.397	-2.144	-1.568	-0.720	0.293	1.339	2.285
2241	22.40	3.022	3.488	3.664	3.578	3.286	2.855	2.347	1.802	1.235	0.640
2251	22.50	0.000	-0.690	-1.411	-2.113	-2.718	-3.143	-3.325	-3.237	-2.908	-2.404
2261	22.60	-1.813	-1.218	-0.667	-0.176	0.274	0.713	1.164	1.632	2.103	2.555
2271	22.70	2.970	3.339	3.663	3.937	4.147	4.261	4.241	4.057	3.706	3.216
2281	22.80	2.645	2.059	1.511	1.028	0.606	0.225	-0.132	-0.464	-0.751	-0.959
2291	22.90	-1.066	-1.070	-1.005	-0.922	-0.874	-0.894	-0.986	-1.132	-1.307	-1.498
2301	23.00	-1.715	-1.985	-2.331	-2.754	-3.213	-3.636	-3.936	-4.042	-3.928	-3.618
2311	23.10	-3.176	-2.684	-2.210	-1.785	-1.409	-1.056	-0.700	-0.338	0.002	0.270
2321	23.20	0.406	0.364	0.126	-0.288	-0.825	-1.411	-1.963	-2.404	-2.675	-2.745
2331	23.30	-2.611	-2.297	-1.851	-1.325	-0.766	-0.205	0.353	0.912	1.481	2.050
2341	23.40	2.582	3.017	3.282	3.319	3.105	2.669	2.082	1.448	0.871	0.434
2351	23.50	0.181	0.113	0.205	0.416	0.707	1.055	1.447	1.877	2.333	2.787
2361	23.60	3.194	3.491	3.614	3.506	3.140	2.528	1.719	0.800	-0.133	-0.990
2371	23.70	-1.712	-2.278	-2.704	-3.027	-3.280	-3.475	-3.596	-3.602	-3.455	-3.131
2381	23.80	-2.645	-2.040	-1.384	-0.737	-0.142	0.393	0.878	1.336	1.776	2.189
2391	23.90	2.549	2.823	2.987	3.036	2.981	2.840	2.624	2.330	1.944	1.453
2401	24.00	0.866	0.220	-0.415	-0.953	-1.318	-1.469	-1.409	-1.190	-0.891	-0.598
2411	24.10	-0.378	-0.267	-0.264	-0.349	-0.486	-0.641	-0.787	-0.906	-0.988	-1.024
2421	24.20	-1.010	-0.949	-0.850	-0.729	-0.608	-0.510	-0.454	-0.450	-0.498	-0.594
2431	24.30	-0.731	-0.900	-1.095	-1.307	-1.518	-1.703	-1.831	-1.869	-1.797	-1.610
2441	24.40	-1.326	-0.984	-0.629	-0.302	-0.025	0.202	0.400	0.598	0.822	1.080
2451	24.50	1.361	1.632	1.857	2.000	2.041	1.976	1.815	1.577	1.285	0.963
2461	24.60	0.634	0.322	0.051	-0.154	-0.273	-0.295	-0.214	-0.033	0.242	0.601
2471	24.70	1.030	1.505	1.989	2.431	2.776	2.973	2.992	2.836	2.539	2.155
2481	24.80	1.740	1.334	0.949	0.572	0.178	-0.249	-0.702	-1.144	-1.520	-1.779
2491	24.90	-1.892	-1.868	-1.756	-1.627	-1.551	-1.573	-1.691	-1.859	-1.998	-2.016

Table 7-11-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 2016 206-GR-1-62 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 16.573 (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)
2501	25.00	-1.845	-1.460	-0.887	-0.207	0.473	1.044	1.423	1.580	1.533	1.342
2511	25.10	1.081	0.614	0.579	0.378	0.195	0.007	-0.192	-0.388	-0.548	-0.640
2521	25.20	-0.642	-0.550	-0.380	-0.150	0.130	0.463	0.857	1.308	1.790	2.239
2531	25.30	2.570	2.695	2.557	2.147	1.510	0.733	-0.080	-0.837	-1.472	-1.948
2541	25.40	-2.250	-2.373	-2.319	-2.098	-1.741	-1.305	-0.871	-0.526	-0.344	-0.358
2551	25.50	-0.558	-0.893	-1.295	-1.700	-2.068	-2.360	-2.635	-2.824	-2.924	-2.896
2561	25.60	-2.698	-2.305	-1.722	-0.996	-0.199	0.586	1.286	1.855	2.274	2.547
2571	25.70	2.687	2.712	2.634	2.464	2.214	1.899	1.535	1.138	0.722	0.301
2581	25.80	-0.115	-0.513	-0.877	-1.197	-1.467	-1.692	-1.887	-2.068	-2.249	-2.427
2591	25.90	-2.585	-2.693	-2.720	-2.643	-2.454	-2.156	-1.767	-1.307	-0.798	-0.268
2601	26.00	0.246	0.700	1.044	1.240	1.272	1.165	0.981	0.806	0.723	0.787
2611	26.10	1.004	1.329	1.682	1.977	2.149	2.168	2.049	1.833	1.572	1.308
2621	26.20	1.070	0.868	0.706	0.589	0.522	0.512	0.558	0.645	0.745	0.822
2631	26.30	0.839	0.771	0.609	0.357	0.034	-0.340	-0.739	-1.134	-1.495	-1.793
2641	26.40	-1.999	-2.098	-2.088	-1.990	-1.834	-1.655	-1.481	-1.320	-1.159	-0.977
2651	26.50	-0.752	-0.477	-0.166	0.146	0.415	0.599	0.672	0.633	0.507	0.338
2661	26.60	0.174	0.060	0.017	0.043	0.102	0.138	0.085	-0.112	-0.476	-0.986
2671	26.70	-1.574	-2.141	-2.578	-2.803	-2.779	-2.524	-2.103	-1.599	-1.090	-0.625
2681	26.80	-0.216	0.145	0.473	0.769	1.016	1.183	1.250	1.221	1.134	1.054
2691	26.90	1.050	1.166	1.406	1.728	2.059	2.323	2.465	2.470	2.362	2.193
2701	27.00	2.014	1.864	1.755	1.678	1.607	1.519	1.402	1.254	1.090	0.927
2711	27.10	0.779	0.656	0.558	0.479	0.410	0.347	0.297	0.276	0.313	0.439
2721	27.20	0.671	1.005	1.403	1.799	2.111	2.272	2.247	2.055	1.762	1.457
2731	27.30	1.227	1.118	1.122	1.183	1.218	1.155	0.958	0.641	0.258	-0.120
2741	27.40	-0.437	-0.669	-0.830	-0.956	-1.087	-1.247	-1.433	-1.623	-1.785	-1.895
2751	27.50	-1.943	-1.935	-1.888	-1.819	-1.738	-1.649	-1.550	-1.439	-1.310	-1.156
2761	27.60	-0.970	-0.744	-0.482	-0.201	0.060	0.251	0.322	0.247	0.038	-0.253
2771	27.70	-0.542	-0.745	-0.810	-0.731	-0.559	-0.374	-0.254	-0.241	-0.319	-0.421
2781	27.80	-0.454	-0.340	-0.046	0.403	0.924	1.412	1.771	1.943	1.917	1.728
2791	27.90	1.436	1.103	0.780	0.496	0.260	0.069	-0.093	-0.246	-0.413	-0.621
2801	28.00	-0.894	-1.241	-1.653	-2.095	-2.512	-2.839	-3.017	-3.005	-2.791	-2.394
2811	28.10	-1.859	-1.251	-0.643	-0.105	0.303	0.542	0.603	0.508	0.308	0.070
2821	28.20	-0.135	-0.257	-0.273	-0.199	-0.072	0.062	0.166	0.231	0.270	0.313
2831	28.30	0.390	0.512	0.671	0.837	0.974	1.049	1.051	0.985	0.870	0.734
2841	28.40	0.595	0.467	0.352	0.244	0.137	0.027	-0.089	-0.206	-0.314	-0.397
2851	28.50	-0.434	-0.404	-0.293	-0.099	0.158	0.442	0.705	0.900	0.993	0.974
2861	28.60	0.854	0.663	0.434	0.199	-0.027	-0.239	-0.443	-0.648	-0.864	-1.097
2871	28.70	-1.348	-1.611	-1.873	-2.108	-2.287	-2.378	-2.361	-2.233	-2.015	-1.748
2881	28.80	-1.474	-1.226	-1.010	-0.801	-0.556	-0.228	0.205	0.732	1.302	1.840
2891	28.90	2.268	2.523	2.576	2.432	2.123	1.697	1.204	0.691	0.195	-0.256
2901	29.00	-0.647	-0.971	-1.230	-1.431	-1.578	-1.663	-1.667	-1.566	-1.339	-0.987
2911	29.10	-0.542	-0.064	0.368	0.686	0.855	0.884	0.824	0.742	0.699	0.719
2921	29.20	0.785	0.844	0.835	0.716	0.481	0.186	-0.163	-0.438	-0.605	-0.641
2931	29.30	-0.555	-0.379	-0.155	0.073	0.273	0.418	0.494	0.497	0.436	0.330
2941	29.40	0.209	0.107	0.054	0.066	0.142	0.267	0.419	0.572	0.710	0.822
2951	29.50	0.902	0.949	0.960	0.936	0.883	0.813	0.746	0.701	0.689	0.708
2961	29.60	0.741	0.763	0.750	0.691	0.589	0.461	0.329	0.211	0.111	0.025
2971	29.70	-0.060	-0.150	-0.245	-0.336	-0.411	-0.466	-0.509	-0.557	-0.630	-0.743
2981	29.80	-0.895	-1.067	-1.235	-1.375	-1.479	-1.556	-1.627	-1.716	-1.838	-1.988
2991	29.90	-2.141	-2.266	-2.329	-2.312	-2.211	-2.036	-1.803	-1.522	-1.194	-0.813

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

INDEX NO. 2016 206-GR-1-62 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 16.573 (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)
3001	30.00	-0.370	0.135	0.685	1.246	1.772	2.213	2.528	2.692	2.702	2.579
3011	30.10	2.355	2.072	1.768	1.472	1.199	0.952	0.723	0.503	0.285	0.074
3021	30.20	-0.115	-0.254	-0.313	-0.265	-0.097	0.186	0.555	0.964	1.356	1.675
3031	30.30	1.878	1.943	1.875	1.705	1.475	1.231	1.009	0.825	0.671	0.529
3041	30.40	0.372	0.184	-0.034	-0.263	-0.474	-0.637	-0.735	-0.765	-0.738	-0.671
3051	30.50	-0.576	-0.455	-0.302	-0.115	0.099	0.314	0.486	0.567	0.522	0.344
3061	30.60	0.057	-0.287	-0.629	-0.920	-1.140	-1.297	-1.418	-1.536	-1.666	-1.801
3071	30.70	-1.912	-1.965	-1.934	-1.815	-1.635	-1.439	-1.276	-1.183	-1.172	-1.229
3081	30.80	-1.316	-1.389	-1.410	-1.357	-1.231	-1.046	-0.827	-0.599	-0.373	-0.151
3091	30.90	0.078	0.326	0.602	0.901	1.205	1.487	1.716	1.862	1.920	1.893
3101	31.00	1.797	1.652	1.477	1.283	1.076	0.862	0.654	0.473	0.347	0.305
3111	31.10	0.363	0.524	0.771	1.071	1.385	1.674	1.905	2.056	2.115	2.082
3121	31.20	1.974	1.818	1.658	1.542	1.513	1.595	1.784	2.045	2.322	2.560
3131	31.30	2.719	2.790	2.792	2.763	2.735	2.718	2.693	2.622	2.459	2.178
3141	31.40	1.785	1.318	0.836	0.395	0.030	-0.257	-0.493	-0.717	-0.968	-1.259
3151	31.50	-1.503	-1.910	-2.205	-2.441	-2.607	-2.709	-2.763	-2.783	-2.775	-2.732
3161	31.60	-2.640	-2.484	-2.262	-1.982	-1.672	-1.367	-1.100	-0.900	-0.783	-0.751
3171	31.70	-0.800	-0.920	-1.099	-1.323	-1.577	-1.837	-2.083	-2.295	-2.467	-2.607
3181	31.80	-2.740	-2.893	-3.081	-3.294	-3.486	-3.588	-3.528	-3.257	-2.777	-2.144
3191	31.90	-1.459	-0.832	-0.350	-0.045	0.110	0.187	0.262	0.387	0.562	0.739
3201	32.00	0.847	0.829	0.668	0.397	0.093	-0.159	-0.297	-0.300	-0.196	-0.039
3211	32.10	0.116	0.233	0.307	0.358	0.413	0.490	0.586	0.685	0.765	0.809
3221	32.20	0.817	0.804	0.786	0.775	0.772	0.765	0.739	0.680	0.585	0.458
3231	32.30	0.312	0.158	0.005	-0.140	-0.268	-0.371	-0.438	-0.465	-0.453	-0.412
3241	32.40	-0.360	-0.313	-0.280	-0.258	-0.231	-0.184	-0.106	0.004	0.131	0.260
3251	32.50	0.375	0.473	0.560	0.645	0.737	0.828	0.903	0.941	0.922	0.843
3261	32.60	0.713	0.552	0.382	0.218	0.066	-0.076	-0.210	-0.336	-0.450	-0.544
3271	32.70	-0.618	-0.677	-0.734	-0.801	-0.881	-0.964	-1.029	-1.055	-1.034	-0.972
3281	32.80	-0.893	-0.823	-0.774	-0.735	-0.674	-0.548	-0.326	-0.010	0.359	0.712
3291	32.90	0.974	1.092	1.060	0.916	0.729	0.581	0.528	0.586	0.725	0.887
3301	33.00	1.005	1.025	0.928	0.729	0.473	0.222	0.034	-0.052	-0.022	0.102
3311	33.10	0.274	0.436	0.533	0.532	0.432	0.267	0.095	-0.023	-0.038	0.069
3321	33.20	0.288	0.578	0.888	1.167	1.373	1.476	1.462	1.324	1.075	0.748
3331	33.30	0.397	0.096	-0.078	-0.071	0.127	0.470	0.867	1.205	1.391	1.384
3341	33.40	1.211	0.958	0.739	0.652	0.744	0.993	1.323	1.628	1.811	1.818
3351	33.50	1.665	1.337	0.963	0.596	0.284	0.046	-0.127	-0.261	-0.382	-0.505
3361	33.60	-0.626	-0.726	-0.781	-0.768	-0.687	-0.555	-0.414	-0.308	-0.274	-0.323
3371	33.70	-0.430	-0.541	-0.590	-0.520	-0.305	0.039	0.462	0.897	1.280	1.572
3381	33.80	1.757	1.844	1.847	1.774	1.625	1.397	1.098	0.758	0.428	0.167
3391	33.90	0.025	0.022	0.135	0.310	0.475	0.568	0.556	0.443	0.261	0.057
3401	34.00	-0.130	-0.281	-0.396	-0.489	-0.581	-0.682	-0.795	-0.917	-1.040	-1.161
3411	34.10	-1.280	-1.396	-1.506	-1.600	-1.663	-1.681	-1.642	-1.549	-1.412	-1.251
3421	34.20	-1.085	-0.928	-0.790	-0.674	-0.581	-0.519	-0.502	-0.548	-0.675	-0.888
3431	34.30	-1.177	-1.510	-1.842	-2.122	-2.308	-2.380	-2.338	-2.209	-2.027	-1.827
3441	34.40	-1.635	-1.460	-1.301	-1.151	-1.004	-0.861	-0.723	-0.592	-0.464	-0.328
3451	34.50	-0.172	0.011	0.219	0.441	0.662	0.873	1.073	1.277	1.496	1.734
3461	34.60	1.977	2.187	2.321	2.345	2.250	2.062	1.827	1.596	1.399	1.228
3471	34.70	1.047	0.805	0.474	0.064	-0.364	-0.719	-0.910	-0.888	-0.663	-0.305
3481	34.80	0.080	0.387	0.550	0.557	0.446	0.281	0.124	0.009	-0.060	-0.105
3491	34.90	-0.153	-0.223	-0.313	-0.412	-0.508	-0.596	-0.690	-0.810	-0.968	-1.165

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

INDEX NO. 2016 206-GR-1-62 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 16.573 (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)
3501	35.00	-1.374	-1.556	-1.670	-1.689	-1.613	-1.465	-1.283	-1.104	-0.949	-0.823
3511	35.10	-0.711	-0.596	-0.466	-0.323	-0.180	-0.054	0.046	0.122	0.190	0.273
3521	35.20	0.385	0.529	0.689	0.834	0.932	0.954	0.889	0.737	0.517	0.252
3531	35.30	-0.032	-0.304	-0.538	-0.707	-0.793	-0.791	-0.715	-0.597	-0.483	-0.418
3541	35.40	-0.424	-0.493	-0.583	-0.634	-0.586	-0.405	-0.097	0.293	0.700	1.063
3551	35.50	1.340	1.525	1.632	1.682	1.683	1.624	1.475	1.216	0.849	0.416
3561	35.60	-0.010	-0.342	-0.512	-0.492	-0.308	-0.027	0.263	0.488	0.603	0.608
3571	35.70	0.536	0.443	0.382	0.392	0.488	0.658	0.866	1.066	1.205	1.245
3581	35.80	1.172	1.003	0.789	0.596	0.484	0.475	0.546	0.624	0.614	0.435
3591	35.90	0.057	-0.477	-1.065	-1.576	-1.898	-1.975	-1.828	-1.535	-1.197	-0.894
3601	36.00	-0.661	-0.475	-0.288	-0.052	0.247	0.582	0.895	1.130	1.255	1.281
3611	36.10	1.251	1.221	1.230	1.281	1.346	1.376	1.328	1.185	0.957	0.677
3621	36.20	0.384	0.104	-0.152	-0.388	-0.609	-0.819	-1.012	-1.179	-1.320	-1.445
3631	36.30	-1.574	-1.729	-1.917	-2.125	-2.313	-2.432	-2.435	-2.298	-2.024	-1.645
3641	36.40	-1.207	-0.759	-0.336	0.044	0.381	0.681	0.958	1.217	1.459	1.677
3651	36.50	1.860	1.994	2.065	2.065	1.988	1.841	1.634	1.382	1.096	0.780
3661	36.60	0.431	0.044	-0.379	-0.819	-1.240	-1.592	-1.829	-1.921	-1.867	-1.698
3671	36.70	-1.459	-1.201	-0.956	-0.734	-0.523	-0.306	-0.068	0.190	0.453	0.706
3681	36.80	0.941	1.167	1.400	1.656	1.932	2.203	2.426	2.557	2.576	2.495
3691	36.90	2.360	2.234	2.167	2.176	2.235	2.284	2.255	2.101	1.811	1.414
3701	37.00	0.962	0.509	0.085	-0.310	-0.695	-1.092	-1.507	-1.917	-2.278	-2.538
3711	37.10	-2.665	-2.653	-2.534	-2.360	-2.187	-2.053	-1.971	-1.927	-1.892	-1.842
3721	37.20	-1.763	-1.662	-1.559	-1.474	-1.419	-1.385	-1.354	-1.300	-1.208	-1.080
3731	37.30	-0.939	-0.815	-0.735	-0.703	-0.696	-0.668	-0.567	-0.362	-0.055	0.306
3741	37.40	0.647	0.889	0.978	0.910	0.728	0.504	0.310	0.188	0.133	0.103
3751	37.50	0.043	-0.082	-0.267	-0.465	-0.611	-0.651	-0.571	-0.405	-0.220	-0.086
3761	37.60	-0.044	-0.083	-0.155	-0.194	-0.153	-0.026	0.150	0.309	0.394	0.377
3771	37.70	0.270	0.116	-0.041	-0.173	-0.282	-0.391	-0.523	-0.663	-0.845	-0.963
3781	37.80	-0.991	-0.908	-0.723	-0.471	-0.194	0.079	0.350	0.636	0.955	1.301
3791	37.90	1.634	1.887	1.992	1.916	1.679	1.357	1.055	0.872	0.865	1.027
3801	38.00	1.297	1.587	1.813	1.926	1.921	1.828	1.692	1.550	1.421	1.305
3811	38.10	1.189	1.061	0.915	0.749	0.570	0.383	0.197	0.025	-0.109	-0.175
3821	38.20	-0.146	-0.011	0.214	0.480	0.722	0.872	0.888	0.768	0.549	0.299
3831	38.30	0.088	-0.036	-0.061	-0.016	0.047	0.071	0.016	-0.129	-0.347	-0.602
3841	38.40	-0.853	-1.070	-1.236	-1.352	-1.428	-1.483	-1.532	-1.588	-1.659	-1.747
3851	38.50	-1.852	-1.963	-2.068	-2.150	-2.193	-2.184	-2.123	-2.017	-1.882	-1.737
3861	38.60	-1.596	-1.465	-1.341	-1.210	-1.057	-0.870	-0.648	-0.400	-0.149	0.081
3871	38.70	0.263	0.381	0.429	0.412	0.348	0.257	0.165	0.090	0.050	0.051
3881	38.80	0.097	0.101	0.296	0.432	0.582	0.743	0.913	1.093	1.279	1.459
3891	38.90	1.615	1.724	1.765	1.730	1.626	1.479	1.320	1.178	1.065	0.969
3901	39.00	0.865	0.723	0.528	0.291	0.054	-0.129	-0.207	-0.161	-0.008	0.200
3911	39.10	0.394	0.519	0.550	0.499	0.409	0.329	0.290	0.291	0.305	0.286
3921	39.20	0.200	0.033	-0.200	-0.463	-0.724	-0.959	-1.165	-1.352	-1.525	-1.674
3931	39.30	-1.771	-1.775	-1.657	-1.408	-1.057	-0.660	-0.284	0.014	0.204	0.290
3941	39.40	0.303	0.285	0.274	0.294	0.349	0.434	0.536	0.641	0.738	0.818
3951	39.50	0.870	0.893	0.889	0.872	0.862	0.882	0.941	1.035	1.137	1.214
3961	39.60	1.235	1.185	1.071	0.920	0.765	0.628	0.513	0.405	0.283	0.129
3971	39.70	-0.052	-0.240	-0.397	-0.495	-0.518	-0.476	-0.396	-0.311	-0.244	-0.204
3981	39.80	-0.181	-0.161	-0.134	-0.100	-0.073	-0.069	-0.100	-0.167	-0.258	-0.357
3991	39.90	-0.453	-0.539	-0.618	-0.695	-0.767	-0.825	-0.858	-0.859	-0.833	-0.804

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

INDEX NO. 2016 206-GR-1-62 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 16.573 (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)
4001	40.00	-0.798	-0.841	-0.936	-1.062	-1.176	-1.235	-1.212	-1.111	-0.969	-0.840
4011	40.10	-0.774	-0.795	-0.884	-0.993	-1.060	-1.033	-0.895	-0.666	-0.394	-0.133
4021	40.20	0.078	0.232	0.348	0.463	0.611	0.806	1.036	1.270	1.467	1.597
4031	40.30	1.665	1.614	1.520	1.383	1.219	1.038	0.849	0.661	0.486	0.341
4041	40.40	0.239	0.187	0.181	0.208	0.255	0.307	0.360	0.412	0.460	0.496
4051	40.50	0.501	0.452	0.331	0.141	-0.089	-0.306	-0.444	-0.445	-0.288	0.003
4061	40.60	0.352	0.660	0.826	0.787	0.543	0.152	-0.277	-0.627	-0.810	-0.794
4071	40.70	-0.617	-0.367	-0.148	-0.046	-0.093	-0.257	-0.458	-0.596	-0.590	-0.408
4081	40.80	-0.079	0.324	0.702	0.970	1.080	1.029	0.858	0.625	0.390	0.195
4091	40.90	0.052	-0.047	-0.128	-0.208	-0.313	-0.447	-0.605	-0.771	-0.926	-1.046
4101	41.00	-1.114	-1.120	-1.073	-0.996	-0.924	-0.891	-0.919	-1.006	-1.123	-1.228
4111	41.10	-1.277	-1.245	-1.135	-0.979	-0.817	-0.684	-0.589	-0.511	-0.412	-0.252
4121	41.20	-0.014	0.286	0.605	0.886	1.081	1.166	1.148	1.051	0.907	0.738
4131	41.30	0.554	0.358	0.159	-0.024	-0.163	-0.232	-0.221	-0.150	-0.061	-0.004
4141	41.40	-0.019	-0.116	-0.270	-0.437	-0.574	-0.656	-0.693	-0.714	-0.750	-0.817
4151	41.50	-0.900	-0.965	-0.970	-0.896	-0.755	-0.591	-0.457	-0.392	-0.406	-0.470
4161	41.60	-0.537	-0.566	-0.536	-0.463	-0.380	-0.322	-0.304	-0.305	-0.283	-0.192
4171	41.70	-0.011	0.249	0.538	0.789	0.942	0.967	0.874	0.703	0.508	0.335
4181	41.80	0.208	0.121	0.053	-0.026	-0.138	-0.289	-0.473	-0.666	-0.843	-0.974
4191	41.90	-1.036	-1.011	-0.895	-0.691	-0.419	-0.105	0.219	0.522	0.781	0.981
4201	42.00	1.116	1.189	1.205	1.175	1.110	1.028	0.946	0.878	0.831	0.804
4211	42.10	0.787	0.768	0.740	0.702	0.664	0.641	0.642	0.668	0.709	0.749
4221	42.20	0.773	0.777	0.767	0.758	0.763	0.784	0.814	0.836	0.833	0.799
4231	42.30	0.738	0.664	0.591	0.528	0.475	0.428	0.387	0.358	0.355	0.389
4241	42.40	0.459	0.540	0.596	0.585	0.487	0.311	0.103	-0.075	-0.173	-0.170
4251	42.50	-0.096	-0.004	0.036	-0.021	-0.165	-0.346	-0.494	-0.548	-0.489	-0.351
4261	42.60	-0.198	-0.104	-0.107	-0.199	-0.323	-0.400	-0.362	-0.183	0.116	0.475
4271	42.70	0.821	1.093	1.263	1.335	1.334	1.295	1.241	1.183	1.123	1.055
4281	42.80	0.977	0.889	0.795	0.698	0.604	0.516	0.441	0.384	0.346	0.324
4291	42.90	0.304	0.268	0.201	0.096	-0.038	-0.179	-0.297	-0.369	-0.384	-0.347
4301	43.00	-0.275	-0.185	-0.089	0.011	0.113	0.211	0.291	0.334	0.322	0.256
4311	43.10	0.158	0.071	0.037	0.086	0.212	0.376	0.517	0.573	0.508	0.325
4321	43.20	0.061	-0.232	-0.502	-0.722	-0.891	-1.028	-1.153	-1.275	-1.382	-1.451
4331	43.30	-1.455	-1.380	-1.229	-1.020	-0.781	-0.537	-0.307	-0.102	0.068	0.192
4341	43.40	0.256	0.250	0.168	0.019	-0.175	-0.384	-0.572	-0.708	-0.772	-0.751
4351	43.50	-0.647	-0.474	-0.256	-0.034	0.144	0.235	0.205	0.049	-0.213	-0.533
4361	43.60	-0.857	-1.137	-1.347	-1.486	-1.574	-1.632	-1.676	-1.705	-1.705	-1.661
4371	43.70	-1.564	-1.418	-1.239	-1.040	-0.828	-0.600	-0.348	-0.071	0.211	0.460
4381	43.80	0.620	0.642	0.500	0.207	-0.187	-0.605	-0.966	-1.208	-1.304	-1.264
4391	43.90	-1.128	-0.955	-0.800	-0.709	-0.705	-0.787	-0.938	-1.126	-1.316	-1.482
4401	44.00	-1.615	-1.723	-1.827	-1.948	-2.094	-2.249	-2.377	-2.431	-2.376	-2.205
4411	44.10	-1.947	-1.662	-1.419	-1.273	-1.238	-1.285	-1.351	-1.364	-1.268	-1.041
4421	44.20	-0.703	-0.301	0.108	0.475	0.771	0.987	1.127	1.200	1.215	1.183
4431	44.30	1.114	1.030	0.955	0.916	0.935	1.022	1.173	1.371	1.595	1.823
4441	44.40	2.036	2.221	2.366	2.460	2.491	2.452	2.360	2.163	1.940	1.697
4451	44.50	1.463	1.264	1.117	1.028	0.990	0.988	0.998	1.001	0.981	0.929
4461	44.60	0.846	0.736	0.605	0.463	0.316	0.178	0.068	0.011	0.032	0.141
4471	44.70	0.327	0.553	0.760	0.891	0.910	0.824	0.686	0.575	0.563	0.686
4481	44.80	0.920	1.183	1.372	1.401	1.243	0.939	0.585	0.292	0.134	0.122
4491	44.90	0.204	0.290	0.300	0.198	0.012	-0.191	-0.331	-0.362	-0.282	-0.138

Table 7-11-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2016 206-GR-1-62 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 16.573 (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)
4501	45.00	0.010	0.116	0.171	0.203	0.251	0.342	0.473	0.608	0.702	0.725
4511	45.10	0.677	0.590	0.501	0.432	0.372	0.279	0.108	-0.161	-0.502	-0.839
4521	45.20	-1.080	-1.152	-1.034	-0.773	-0.459	-0.190	-0.030	0.017	0.002	0.002
4531	45.30	0.083	0.264	0.511	0.754	0.916	0.946	0.841	0.635	0.388	0.157
4541	45.40	-0.018	-0.118	-0.143	-0.099	0.007	0.162	0.342	0.510	0.615	0.612
4551	45.50	0.474	0.215	-0.116	-0.445	-0.698	-0.828	-0.826	-0.722	-0.567	-0.406
4561	45.60	-0.263	-0.138	-0.011	0.138	0.310	0.488	0.643	0.745	0.787	0.779
4571	45.70	0.748	0.720	0.700	0.672	0.605	0.466	0.244	-0.043	-0.353	-0.639
4581	45.80	-0.866	-1.030	-1.152	-1.265	-1.388	-1.509	-1.587	-1.567	-1.408	-1.108
4591	45.90	-0.717	-0.321	-0.011	0.148	0.148	0.035	-0.109	-0.202	-0.194	-0.081
4601	46.00	0.095	0.270	0.389	0.424	0.382	0.294	0.195	0.106	0.030	-0.044
4611	46.10	-0.132	-0.235	-0.343	-0.431	-0.479	-0.473	-0.418	-0.330	-0.228	-0.126
4621	46.20	-0.030	0.060	0.146	0.224	0.285	0.317	0.311	0.269	0.203	0.127
4631	46.30	0.057	-0.002	-0.051	-0.097	-0.146	-0.194	-0.232	-0.243	-0.213	-0.135
4641	46.40	-0.016	0.130	0.279	0.404	0.481	0.489	0.415	0.255	0.022	-0.262
4651	46.50	-0.559	-0.826	-1.029	-1.145	-1.173	-1.131	-1.045	-0.938	-0.827	-0.714
4661	46.60	-0.595	-0.463	-0.322	-0.180	-0.053	0.049	0.121	0.172	0.213	0.256
4671	46.70	0.309	0.370	0.436	0.502	0.564	0.619	0.657	0.660	0.606	0.475
4681	46.80	0.269	0.013	-0.239	-0.425	-0.495	-0.438	-0.285	-0.107	0.015	0.027
4691	46.90	-0.079	-0.256	-0.422	-0.495	-0.429	-0.235	0.020	0.244	0.357	0.320
4701	47.00	0.148	-0.095	-0.333	-0.505	-0.586	-0.596	-0.577	-0.579	-0.629	-0.729
4711	47.10	-0.856	-0.982	-1.082	-1.152	-1.205	-1.260	-1.336	-1.439	-1.559	-1.681
4721	47.20	-1.786	-1.864	-1.909	-1.922	-1.906	-1.862	-1.788	-1.688	-1.568	-1.441
4731	47.30	-1.323	-1.228	-1.162	-1.120	-1.087	-1.048	-0.990	-0.912	-0.821	-0.731
4741	47.40	-0.649	-0.574	-0.494	-0.390	-0.245	-0.055	0.171	0.410	0.641	0.850
4751	47.50	1.040	1.226	1.430	1.665	1.923	2.177	2.386	2.510	2.527	2.440
4761	47.60	2.279	2.080	1.878	1.688	1.507	1.318	1.109	0.881	0.657	0.471
4771	47.70	0.358	0.337	0.400	0.517	0.646	0.753	0.820	0.857	0.889	0.948
4781	47.80	1.052	1.204	1.380	1.547	1.667	1.713	1.673	1.554	1.379	1.174
4791	47.90	0.969	0.786	0.634	0.514	0.413	0.316	0.208	0.082	-0.061	-0.209
4801	48.00	-0.348	-0.465	-0.557	-0.627	-0.680	-0.717	-0.734	-0.715	-0.649	-0.534
4811	48.10	-0.384	-0.233	-0.123	-0.087	-0.134	-0.244	-0.373	-0.468	-0.489	-0.419
4821	48.20	-0.272	-0.083	0.109	0.275	0.400	0.481	0.516	0.497	0.409	0.237
4831	48.30	-0.014	-0.315	-0.615	-0.848	-0.962	-0.935	-0.766	-0.564	-0.333	-0.139
4841	48.40	-0.001	0.096	0.187	0.308	0.476	0.681	0.893	1.073	1.191	1.234
4851	48.50	1.210	1.135	1.030	0.912	0.792	0.678	0.574	0.485	0.409	0.336
4861	48.60	0.250	0.140	0.010	-0.110	-0.169	-0.108	0.117	0.510	1.020	1.555
4871	48.70	2.004	2.274	2.327	2.186	1.925	1.637	1.395	1.226	1.108	0.988
4881	48.80	0.819	0.587	0.325	0.102	-0.008	0.039	0.230	0.498	0.742	0.864
4891	48.90	0.806	0.570	0.215	-0.168	-0.492	-0.698	-0.775	-0.756	-0.701	-0.672
4901	49.00	-0.711	-0.836	-1.035	-1.278	-1.528	-1.750	-1.918	-2.020	-2.061	-2.056
4911	49.10	-2.031	-2.016	-2.032	-2.091	-2.183	-2.283	-2.357	-2.375	-2.323	-2.208
4921	49.20	-2.054	-1.892	-1.745	-1.618	-1.496	-1.352	-1.163	-0.919	-0.636	-0.350
4931	49.30	-0.106	0.058	0.122	0.090	-0.012	-0.150	-0.289	-0.407	-0.494	-0.553
4941	49.40	-0.594	-0.626	-0.659	-0.701	-0.760	-0.839	-0.941	-1.056	-1.170	-1.258
4951	49.50	-1.295	-1.256	-1.129	-0.913	-0.625	-0.292	0.052	0.370	0.628	0.800
4961	49.60	0.871	0.839	0.719	0.540	0.345	0.176	0.065	0.028	0.057	0.121
4971	49.70	0.181	0.197	0.151	0.048	-0.081	-0.192	-0.240	-0.199	-0.074	0.104
4981	49.80	0.280	0.401	0.430	0.365	0.239	0.108	0.036	0.066	0.206	0.426
4991	49.90	0.666	0.859	0.953	0.931	0.813	0.645	0.484	0.373	0.330	0.350

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

INDEX NO. 2016 206-GR-1-62 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = 16.573 (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)
5001	50.00	0.411	0.493	0.587	0.697	0.835	1.005	1.197	1.380	1.516	1.569
5011	50.10	1.525	1.396	1.216	1.027	0.862	0.731	0.621	0.503	0.351	0.154
5021	50.20	-0.073	-0.292	-0.457	-0.529	-0.491	-0.358	-0.172	0.014	0.145	0.186
5031	50.30	0.128	-0.013	-0.203	-0.401	-0.574	-0.703	-0.786	-0.833	-0.862	-0.886
5041	50.40	-0.917	-0.957	-1.005	-1.058	-1.115	-1.170	-1.216	-1.238	-1.217	-1.138
5051	50.50	-0.997	-0.809	-0.603	-0.413	-0.268	-0.174	-0.114	-0.053	0.045	0.199
5061	50.60	0.403	0.625	0.825	0.974	1.070	1.136	1.210	1.320	1.472	1.643
5071	50.70	1.795	1.897	1.965	1.962	1.992	2.068	2.199	2.357	2.497	2.579
5081	50.80	2.598	2.588	2.609	2.709	2.895	3.122	3.305	3.367	3.282	3.094
5091	50.90	2.908	2.835	2.933	3.156	3.363	3.359	2.979	2.168	1.014	-0.274

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

INDEX NO. 2017 206-GR-1-62 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -56.084 (GAL) T= 13.68 (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	2.798	4.119	4.774	4.837	4.553	4.226	4.089	4.231	4.590	5.013
11	0.10	5.340	5.482	5.434	5.265	5.056	4.861	4.690	4.516	4.312	4.068
21	0.20	3.797	3.516	3.229	2.917	2.550	2.115	1.646	1.223	0.947	0.904
31	0.30	1.120	1.548	2.088	2.626	3.079	3.422	3.674	3.873	4.038	4.159
41	0.40	4.209	4.174	4.086	4.020	4.067	4.276	4.618	4.976	5.190	5.125
51	0.50	4.744	4.136	3.481	2.968	2.704	2.652	2.645	2.467	1.959	1.120
61	0.60	0.126	-0.725	-1.135	-0.935	-0.161	0.951	2.056	2.833	3.096	2.855
71	0.70	2.283	1.626	1.095	0.792	0.684	0.649	0.548	0.284	-0.161	-0.745
81	0.80	-1.397	-2.062	-2.720	-3.377	-4.035	-4.667	-5.205	-5.556	-5.625	-5.355
91	0.90	-4.741	-5.834	-2.730	-1.545	-0.405	0.571	1.288	1.687	1.768	1.603
101	1.00	1.330	1.119	1.125	1.421	1.970	2.618	3.146	3.349	3.105	2.427
111	1.10	1.453	0.395	-0.542	-1.222	-1.607	-1.739	-1.688	-1.499	-1.163	-0.624
121	1.20	0.167	1.203	2.376	3.470	4.207	4.309	3.585	1.995	-0.315	-3.021
131	1.30	-5.673	-7.779	-8.919	-8.846	-7.565	-5.365	-2.760	-0.380	1.194	1.592
141	1.40	0.763	-1.003	-3.159	-5.052	-6.106	-5.965	-4.571	-2.149	0.874	3.981
151	1.50	6.671	8.540	9.324	8.930	7.443	5.128	2.407	-0.199	-2.167	-3.093
161	1.60	-2.805	-1.421	0.656	2.838	4.495	5.117	4.435	2.480	-0.437	-3.809
171	1.70	-7.049	-9.617	-11.118	-11.381	-10.479	-8.712	-6.538	-4.465	-2.933	-2.200
181	1.80	-2.290	-2.994	-3.948	-4.747	-5.061	-4.716	-3.715	-2.209	-0.436	1.339
191	1.90	2.865	3.922	4.341	4.020	2.977	1.387	-0.399	-1.904	-2.634	-2.230
201	2.00	-0.611	1.957	4.893	7.449	8.925	8.874	7.237	4.364	0.905	-2.376
211	2.10	-4.801	-5.947	-5.724	-4.361	-2.314	-0.129	1.699	2.834	3.153	2.743
221	2.20	1.842	0.746	-0.280	-1.075	-1.605	-1.940	-2.203	-2.510	-2.933	-3.489
231	2.30	-4.165	-4.935	-5.774	-6.642	-7.452	-8.056	-8.256	-7.860	-6.764	-5.011
241	2.40	-2.809	-0.476	1.666	3.398	4.667	5.566	6.249	6.820	7.252	7.396
251	2.50	7.071	6.194	4.882	3.455	2.340	1.897	2.249	3.211	4.340	5.107
261	2.60	5.113	4.242	2.710	0.961	-0.520	-1.402	-1.624	-1.392	-1.069	-1.010
271	2.70	-1.431	-2.342	-3.575	-4.867	-5.957	-6.650	-6.846	-6.526	-5.737	-4.577
281	2.80	-3.192	-1.767	-0.491	0.487	1.114	1.459	1.684	1.975	2.443	3.062
291	2.90	3.657	3.978	3.819	3.133	2.086	1.014	0.305	0.249	0.912	2.110
301	3.00	3.473	4.583	5.121	4.974	4.249	3.219	2.214	1.517	1.292	1.563
311	3.10	2.232	3.121	4.012	4.676	4.912	4.577	3.626	2.136	0.304	-1.584
321	3.20	-3.232	-4.404	-4.981	-4.972	-4.473	-3.596	-2.419	-0.964	0.767	2.724
331	3.30	4.750	6.573	7.861	8.335	7.885	6.642	4.959	3.304	2.102	1.589
341	3.40	1.730	2.246	2.723	2.767	2.138	0.818	-1.011	-3.047	-4.978	-6.567
351	3.50	-7.690	-8.323	-8.503	-8.276	-7.674	-6.712	-5.398	-3.760	-1.854	0.230
361	3.60	2.366	4.401	6.156	7.453	8.139	8.130	7.465	6.217	4.663	3.026
371	3.70	1.494	0.143	-1.082	-2.312	-3.673	-5.199	-6.785	-8.210	-9.221	-9.635
381	3.80	-9.415	-8.679	-7.640	-6.502	-5.379	-4.266	-3.092	-1.814	-0.505	0.626
391	3.90	1.301	1.294	0.569	-0.664	-1.994	-2.948	-3.172	-2.562	-1.292	0.273
401	4.00	1.742	2.849	3.528	3.884	4.069	4.158	4.077	3.634	2.639	1.039
411	4.10	-0.996	-3.099	-4.832	-5.863	-6.105	-5.752	-5.190	-4.833	-4.937	-5.499
421	4.20	-6.262	-6.825	-6.802	-5.964	-4.299	-1.992	0.651	3.303	5.682	7.584
431	4.30	8.878	9.506	9.483	8.911	7.988	6.979	6.158	5.723	5.725	6.039
441	4.40	6.408	6.530	6.172	5.249	3.844	2.159	0.430	-1.166	-2.555	-3.767
451	4.50	-4.876	-5.930	-6.899	-7.665	-8.055	-7.915	-7.173	-5.892	-4.267	-2.590
461	4.60	-1.172	-0.260	0.041	-0.197	-0.736	-1.236	-1.357	-0.873	0.253	1.846
471	4.70	3.572	5.052	5.987	6.259	5.955	5.318	4.626	4.091	3.760	3.535
481	4.80	3.236	2.711	1.917	0.955	0.013	-0.722	-1.164	-1.374	-1.535	-1.865
491	4.90	-2.512	-3.472	-4.590	-5.615	-6.315	-6.577	-6.459	-6.158	-5.922	-5.921

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

INDEX NO. 2017 206-GR-1-62 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -56.084 (GAL) T= 13.68 (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	-6.150	-6.400	-6.306	-5.478	-3.648	-0.796	2.800	6.609	9.979	12.311
511	5.10	13.227	12.662	10.875	8.347	5.632	3.196	1.301	-0.024	-0.940	-1.691
521	5.20	-2.495	-3.467	-4.588	-5.739	-6.749	-7.448	-7.710	-7.460	-6.688	-5.441
531	5.30	-3.837	-2.050	-0.288	1.259	2.477	3.374	4.076	4.767	5.584	6.528
541	5.40	7.424	7.974	7.889	7.048	5.606	3.985	2.741	2.350	2.992	4.452
551	5.50	6.168	7.443	7.709	6.754	4.808	2.453	0.397	-0.790	-0.877	-0.027
561	5.60	1.292	2.494	3.073	2.740	1.469	-0.550	-2.983	-5.435	-7.501	-8.797
571	5.70	-9.008	-7.954	-5.670	-2.472	1.053	4.151	6.088	6.368	4.909	2.096
581	5.80	-1.315	-4.410	-6.389	-6.794	-5.619	-3.281	-0.456	2.137	3.947	4.717
591	5.90	4.517	3.664	2.598	1.732	1.363	1.508	2.107	2.877	3.500	3.693
601	6.00	3.282	2.249	0.724	-1.059	-2.827	-4.348	-5.483	-6.203	-6.577	-6.719
611	6.10	-6.742	-6.716	-6.663	-6.574	-6.444	-6.297	-6.193	-6.204	-6.371	-6.660
621	6.20	-6.945	-7.020	-6.657	-5.673	-4.006	-1.743	0.882	3.543	5.903	7.688
631	6.30	8.745	9.059	8.732	7.942	6.903	5.829	4.913	4.323	4.182	4.553
641	6.40	5.409	6.616	7.933	9.047	9.634	9.437	8.328	6.337	3.642	0.515
651	6.50	-2.747	-5.877	-8.675	-11.006	-12.780	-13.932	-14.411	-14.197	-13.322	-11.892
661	6.60	-10.090	-8.147	-6.300	-4.732	-3.545	-2.746	-2.266	-1.997	-1.837	-1.708
671	6.70	-1.575	-1.433	-1.305	-1.234	-1.284	-1.544	-2.118	-3.106	-4.562	-6.448
681	6.80	-8.605	-10.758	-12.558	-13.676	-13.901	-13.221	-11.858	-10.217	-8.772	-7.918
691	6.90	-7.831	-8.395	-9.219	-9.759	-9.490	-8.077	-5.485	-1.981	1.958	5.814
701	7.00	9.183	11.875	13.916	15.463	16.675	17.611	18.201	18.295	17.775	16.666
711	7.10	15.183	13.688	12.573	12.102	12.302	12.939	13.596	13.831	13.336	12.048
721	7.20	10.163	8.054	6.136	4.734	4.007	3.936	4.376	5.144	6.063	6.997
731	7.30	7.837	8.462	8.825	8.762	8.213	7.136	5.521	3.352	0.573	-2.913
741	7.40	-7.200	-12.275	-17.907	-23.578	-28.519	-31.853	-32.836	-31.092	-26.772	-20.542
751	7.50	-13.403	-6.394	-0.290	4.607	8.481	11.848	15.272	19.089	23.231	27.220
761	7.60	30.312	31.744	30.968	27.799	22.447	15.433	7.455	-0.762	-8.565	-15.438
771	7.70	-21.027	-25.143	-27.756	-28.973	-28.990	-28.016	-26.199	-23.571	-20.042	-15.465
781	7.80	-9.732	-2.871	4.898	13.185	21.501	29.350	36.293	41.955	45.984	48.006
791	7.90	47.623	44.486	38.434	29.636	18.684	6.565	-5.485	-16.216	-24.603	-30.030
801	8.00	-32.366	-31.936	-29.416	-25.696	-21.730	-18.396	-16.351	-15.899	-16.911	-18.827
811	8.10	-20.786	-21.876	-21.437	-19.309	-15.912	-12.113	-8.891	-6.942	-6.368	-6.584
821	8.20	-6.506	-4.933	-0.984	5.589	14.318	24.189	33.958	42.475	48.893	52.710
831	8.30	53.676	51.670	46.646	38.676	28.075	15.504	1.974	-11.288	-23.090	-32.533
841	8.40	-39.188	-43.125	-44.795	-44.836	-43.884	-42.456	-40.908	-39.460	-38.202	-37.086
851	8.50	-35.886	-34.193	-31.469	-27.198	-21.077	-13.183	-4.029	5.523	14.477	21.949
861	8.60	27.370	30.542	31.583	30.778	28.450	24.900	20.450	15.510	10.630	6.444
871	8.70	3.521	2.169	2.298	3.421	4.808	5.755	5.844	5.077	3.832	2.654
881	8.80	1.981	1.923	2.205	2.284	1.587	-0.242	-3.192	-6.891	-10.742	-14.125
891	8.90	-16.557	-17.770	-17.680	-16.311	-13.734	-10.065	-5.509	-0.428	4.654	9.121
901	9.00	12.426	14.254	14.631	13.921	12.685	11.487	10.707	10.442	10.542	10.731
911	9.10	10.773	10.569	10.184	9.766	9.443	9.235	9.039	8.692	8.050	7.068
921	9.20	5.800	4.357	2.827	1.234	-0.465	-2.307	-4.253	-6.142	-7.716	-8.706
931	9.30	-8.943	-8.621	-7.292	-5.779	-4.070	-2.238	-0.267	1.858	4.010	5.836
941	9.40	6.792	6.303	4.005	-0.038	-5.248	-10.626	-15.010	-17.408	-17.271	-14.626
951	9.50	-10.013	-4.277	1.689	7.154	11.645	14.925	16.905	17.553	16.865	14.900
961	9.60	11.841	8.040	3.990	0.227	-2.808	-4.885	-6.043	-6.548	-6.781	-7.099
971	9.70	-7.721	-8.679	-9.836	-10.940	-11.748	-12.013	-11.599	-10.461	-8.644	-6.284
981	9.80	-3.601	-0.880	1.552	3.372	4.307	4.176	2.908	0.550	-2.754	-6.762
991	9.90	-11.145	-15.481	-19.256	-21.910	-22.908	-21.863	-18.650	-13.490	-6.952	0.152

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

INDEX NO. 2017 206-GR-1-62 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -56.084 (GAL) T= 13.68 (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	6.941	12.684	16.973	19.600	21.505	22.613	23.611	24.756	25.973	26.891
1011	10.10	26.988	25.804	23.132	19.124	14.270	9.271	6.840	1.517	-0.454	-1.159
1021	10.20	-0.945	-0.306	0.252	0.321	-0.346	-1.814	-3.972	-6.560	-9.217	-11.528
1031	10.30	-13.101	-13.645	-13.042	-11.389	-8.993	-6.310	-3.833	-1.986	-1.023	-0.991
1041	10.40	-1.745	-3.005	-4.440	-5.736	-6.645	-7.001	-6.731	-5.848	-4.459	-2.761
1051	10.50	-1.025	0.444	1.369	1.576	1.039	-0.100	-1.572	-3.053	-4.258	-5.009
1061	10.60	-5.278	-5.175	-4.903	-4.708	-4.816	-5.401	-6.544	-8.212	-10.230	-12.278
1071	10.70	-13.905	-14.606	-13.930	-11.617	-7.706	-2.576	3.114	8.579	13.103	16.227
1081	10.80	17.836	18.145	17.566	16.539	15.378	14.205	12.986	11.636	10.140	8.626
1091	10.90	7.342	6.571	6.507	7.164	8.363	9.782	11.064	11.904	12.094	11.499
1101	11.00	10.016	7.540	3.991	-0.603	-5.996	-11.663	-16.835	-20.651	-22.388	-21.697
1111	11.10	-18.742	-14.193	-9.061	-4.630	-1.179	0.213	-0.259	-2.198	-4.959	-7.825
1121	11.20	-10.159	-11.496	-11.579	-10.369	-8.030	-4.908	-1.480	1.734	4.277	5.887
1131	11.30	6.576	6.661	6.586	6.960	8.178	10.371	13.324	16.516	19.261	20.886
1141	11.40	20.906	19.138	15.737	11.148	5.998	0.953	-3.416	-6.739	-8.905	-10.056
1151	11.50	-10.518	-10.698	-10.965	-11.548	-12.492	-13.664	-14.823	-15.706	-16.113	-15.949
1161	11.60	-15.228	-14.035	-12.470	-10.615	-8.514	-6.183	-3.638	-0.920	1.899	4.706
1171	11.70	7.354	9.670	11.464	12.547	12.763	12.037	10.411	8.064	5.288	2.414
1181	11.80	-0.284	-2.672	-4.787	-6.799	-8.898	-11.172	-13.502	-15.559	-16.879	-17.027
1191	11.90	-15.758	-13.121	-9.458	-5.285	-1.118	2.702	6.095	9.211	12.292	15.483
1201	12.00	18.682	21.488	23.296	23.491	21.690	17.929	12.720	6.957	1.683	-2.200
1211	12.10	-4.179	-4.270	-2.982	-1.142	0.374	0.900	0.156	-1.712	-4.233	-6.807
1221	12.20	-8.919	-10.295	-10.954	-11.147	-11.215	-11.417	-11.810	-12.197	-12.188	-11.317
1231	12.30	-9.203	-5.685	-0.891	4.775	10.721	16.312	21.012	24.496	26.693	27.750
1241	12.40	27.935	27.510	26.621	25.253	23.259	20.466	16.802	12.420	7.729	3.335
1251	12.50	-0.110	-2.097	-2.434	-1.318	0.708	2.903	4.552	5.160	4.584	3.037
1261	12.60	0.988	-1.017	-2.538	-3.381	-3.647	-3.691	-4.008	-5.084	-7.254	-10.608
1271	12.70	-14.955	-19.856	-24.714	-28.891	-31.831	-33.163	-32.750	-30.686	-27.246	-22.807
1281	12.80	-17.765	-12.476	-7.228	-2.238	2.330	6.355	9.752	12.481	14.555	16.028
1291	12.90	16.968	17.418	17.364	16.731	15.411	13.325	10.479	7.005	3.158	-0.739
1301	13.00	-4.361	-7.454	-9.862	-11.516	-12.396	-12.488	-11.762	-10.195	-7.819	-4.766
1311	13.10	-1.285	2.294	5.628	8.447	10.612	12.112	13.012	13.363	13.134	12.197
1321	13.20	10.375	7.547	3.751	-0.753	-5.500	-9.925	-13.506	-15.906	-17.058	-17.156
1331	13.30	-16.568	-15.705	-14.891	-14.284	-13.851	-13.417	-12.731	-11.545	-9.662	-6.968
1341	13.40	-3.437	0.865	5.783	11.076	16.441	21.547	26.099	29.892	32.847	35.005
1351	13.50	36.467	37.307	37.490	36.825	34.986	31.602	26.377	19.220	10.317	0.130
1361	13.60	-10.679	-21.370	-31.259	-39.811	-46.681	-51.702	-54.828	-56.084	-55.520	-53.209
1371	13.70	-49.260	-43.850	-37.238	-29.769	-21.842	-13.870	-6.230	0.773	6.932	12.135
1381	13.80	16.345	19.569	21.830	23.147	23.536	23.032	21.720	19.767	17.434	15.048
1391	13.90	12.953	11.431	10.627	10.520	10.918	11.522	12.005	12.098	11.640	10.592
1401	14.00	9.013	7.010	4.697	2.175	-0.462	-3.118	-5.672	-7.987	-9.922	-11.352
1411	14.10	-12.188	-12.369	-11.864	-10.669	-8.818	-6.419	-3.685	-0.938	1.424	3.015
1421	14.20	3.569	3.031	1.591	-0.368	-2.387	-4.069	-5.187	-5.718	-5.776	-5.507
1431	14.30	-4.970	-4.087	-2.676	-0.557	2.326	5.812	9.528	12.980	15.693	17.350
1441	14.40	17.865	17.370	16.130	14.425	12.458	10.324	8.032	5.570	2.964	0.305
1451	14.50	-2.255	-4.546	-6.413	-7.735	-8.424	-8.412	-7.654	-6.139	-3.940	-1.240
1461	14.60	1.657	4.362	6.475	7.681	7.824	6.939	5.220	2.958	0.449	-2.080
1471	14.70	-4.505	-6.797	-8.983	-11.093	-13.113	-14.960	-16.479	-17.467	-17.711	-17.035
1481	14.80	-15.342	-12.650	-9.093	-4.906	-0.379	4.202	8.600	12.650	16.242	19.287
1491	14.90	21.677	23.262	23.882	23.417	21.868	19.395	16.314	13.032	9.938	7.300

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

INDEX NO. 2017 206-GR-1-62 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -56.084 (GAL) T= 13.68 (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	5.202	3.555	2.164	0.826	-0.583	-2.086	-3.629	-5.159	-6.685	-8.312
1511	15.10	-10.206	-12.526	-15.334	-18.550	-21.949	-25.219	-28.040	-30.144	-31.354	-31.561
1521	15.20	-30.700	-28.716	-25.567	-21.257	-15.878	-9.635	-2.833	4.169	11.036	17.516
1531	15.30	23.455	28.782	33.451	37.389	40.473	42.541	43.440	43.079	41.460	38.674
1541	15.40	34.871	30.221	24.886	19.018	12.781	6.368	0.010	-6.050	-11.586	-16.430
1551	15.50	-20.487	-23.717	-26.104	-27.631	-28.270	-28.015	-26.920	-25.138	-22.918	-20.557
1561	15.60	-18.317	-16.350	-14.651	-13.081	-11.440	-9.565	-7.408	-5.053	-2.678	-0.466
1571	15.70	1.478	3.169	4.728	6.309	8.012	9.820	11.586	13.082	14.082	14.444
1581	15.80	14.149	13.301	12.077	10.658	9.178	7.694	6.194	4.623	2.911	0.993
1591	15.90	-1.180	-3.643	-6.398	-9.399	-12.524	-15.563	-18.225	-20.182	-21.134	-20.885
1601	16.00	-19.407	-16.860	-13.575	-9.995	-6.586	-3.751	-1.756	-0.679	-0.406	-0.652
1611	16.10	-1.021	-1.085	-0.473	1.038	3.473	6.635	10.138	13.493	16.211	17.918
1621	16.20	18.433	17.802	16.263	14.170	11.895	9.741	7.881	6.359	5.115	4.048
1631	16.30	3.067	2.133	1.266	0.528	-0.007	-0.286	-0.304	-0.110	0.192	0.463
1641	16.40	0.552	0.322	-0.320	-1.403	-2.877	-4.616	-6.443	-8.152	-9.552	-10.490
1651	16.50	-10.866	-10.622	-9.730	-8.176	-5.951	-3.093	0.301	4.036	7.805	11.222
1661	16.60	13.880	15.439	15.695	14.631	12.412	9.329	5.727	1.925	-1.826	-5.350
1671	16.70	-8.523	-11.226	-13.321	-14.658	-15.107	-14.613	-13.244	-11.200	-8.781	-6.322
1681	16.80	-4.107	-2.309	-0.957	0.039	0.832	1.566	2.319	3.072	3.729	4.153
1691	16.90	4.221	3.868	3.105	2.017	0.741	-0.567	-1.756	-2.699	-3.302	-3.513
1701	17.00	-3.329	-2.795	-2.006	-1.090	-0.190	0.573	1.127	1.455	1.592	1.600
1711	17.10	1.527	1.387	1.150	0.761	0.167	-0.643	-1.630	-2.698	-3.731	-4.615
1721	17.20	-5.268	-5.641	-5.702	-5.421	-4.758	-3.675	-2.171	-0.321	1.698	3.620
1731	17.30	5.140	5.995	6.042	5.306	3.973	2.343	0.740	-0.568	-1.414	-1.740
1741	17.40	-1.566	-0.945	0.062	1.389	2.940	4.560	6.026	7.088	7.526	7.232
1751	17.50	6.260	4.820	3.225	1.788	0.726	0.102	-0.167	-0.249	-0.295	-0.368
1761	17.60	-0.401	-0.228	0.341	1.430	3.041	5.027	7.137	9.072	10.557	11.384
1771	17.70	11.431	10.656	9.086	6.808	3.976	0.808	-2.428	-5.444	-7.989	-9.890
1781	17.80	-11.079	-11.581	-11.466	-10.798	-9.592	-7.820	-5.452	-2.520	0.824	4.300
1791	17.90	7.537	10.153	11.849	12.473	12.035	10.673	8.584	5.964	2.975	-0.254
1801	18.00	-3.600	-6.911	-10.007	-12.695	-14.818	-16.290	-17.109	-17.338	-17.058	-16.317
1811	18.10	-15.113	-13.397	-11.125	-8.307	-5.053	-1.576	1.833	4.862	7.240	8.781
1821	18.20	9.408	9.156	8.155	6.607	4.763	2.884	1.212	-0.072	-0.868	-1.168
1831	18.30	-1.026	-0.522	0.288	1.389	2.804	4.542	6.551	8.673	10.652	12.195
1841	18.40	13.053	13.112	12.429	11.210	9.719	8.182	6.691	5.195	3.546	1.608
1851	18.50	-0.648	-3.062	-5.323	-7.047	-7.914	-7.776	-6.727	-5.080	-3.281	-1.795
1861	18.60	-0.998	-1.104	-2.152	-4.031	-6.522	-9.342	-12.176	-14.699	-16.598	-17.603
1871	18.70	-17.518	-16.257	-13.862	-10.493	-6.400	-1.884	2.747	7.202	11.221	14.571
1881	18.80	17.057	18.528	18.901	18.190	16.512	14.078	11.157	8.026	4.920	2.007
1891	18.90	-0.613	-2.881	-4.751	-6.159	-7.029	-7.287	-6.902	-5.915	-4.456	-2.723
1901	19.00	-0.949	0.650	1.918	2.785	3.267	3.439	3.408	3.266	3.067	2.807
1911	19.10	2.423	1.813	0.866	-0.496	-2.271	-4.350	-6.513	-8.454	-9.846	-10.422
1921	19.20	-10.052	-8.791	-6.882	-4.698	-2.654	-1.100	-0.240	-0.096	-0.522	-1.274
1931	19.30	-2.088	-2.758	-3.177	-3.336	-3.289	-3.097	-2.787	-2.328	-1.638	-0.624
1941	19.40	0.775	2.542	4.569	6.663	8.581	10.093	11.027	11.319	11.018	10.272
1951	19.50	9.280	8.237	7.279	6.462	5.767	5.130	4.494	3.844	3.230	2.749
1961	19.60	2.503	2.555	2.886	3.396	3.918	4.272	4.308	3.938	3.137	1.925
1971	19.70	0.327	-1.644	-3.991	-6.704	-9.720	-12.885	-15.946	-18.575	-20.434	-21.250
1981	19.80	-20.886	-19.381	-16.938	-13.875	-10.545	-7.260	-4.224	-1.519	0.886	3.087
1991	19.90	5.192	7.275	9.347	11.363	13.242	14.891	16.236	17.225	17.824	18.000

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

INDEX NO. 2017 206-GR-1-62 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -56.084 (GAL) T= 13.68 (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	17.713	16.913	15.554	13.624	11.167	8.299	5.195	2.063	-0.899	-3.537
2011	20.10	-5.766	-7.568	-8.969	-10.012	-10.734	-11.148	-11.260	-11.075	-10.627	-9.983
2021	20.20	-9.241	-8.514	-7.904	-7.478	-7.247	-7.166	-7.144	-7.065	-6.817	-6.329
2031	20.30	-5.588	-4.655	-3.646	-2.700	-1.934	-1.398	-1.047	-0.753	-0.345	0.324
2041	20.40	1.317	2.570	3.903	5.062	5.806	5.980	5.571	4.719	3.677	2.741
2051	20.50	2.173	2.136	2.663	3.666	4.960	6.321	7.531	8.422	8.903	8.961
2061	20.60	8.645	8.037	7.209	6.196	4.984	3.522	1.765	-0.285	-2.546	-4.869
2071	20.70	-6.977	-8.715	-9.913	-10.515	-10.559	-10.136	-9.343	-8.239	-6.869	-5.189
2081	20.80	-3.321	-1.390	0.376	1.709	2.382	2.287	1.479	0.167	-1.339	-2.716
2091	20.90	-3.703	-4.146	-3.999	-3.302	-2.133	-0.592	1.213	3.158	5.096	6.863
2101	21.00	8.304	9.291	9.752	9.665	9.045	7.919	6.311	4.250	1.794	-0.943
2111	21.10	-3.775	-6.459	-8.737	-10.391	-11.290	-11.412	-10.832	-9.695	-8.172	-6.433
2121	21.20	-4.635	-2.916	-1.394	-0.149	0.795	1.492	2.063	2.669	3.447	4.445
2131	21.30	5.587	6.677	7.454	7.683	7.236	6.145	4.592	2.859	1.237	-0.048
2141	21.40	-0.878	-1.246	-1.216	-0.882	-0.330	0.366	1.135	1.885	2.497	2.828
2151	21.50	2.748	2.176	1.106	-0.379	-2.126	-3.938	-5.612	-6.970	-7.878	-8.259
2161	21.60	-8.098	-7.448	-6.418	-5.167	-3.665	-2.662	-1.643	-0.810	-0.079	0.682
2171	21.70	1.599	2.737	4.074	5.499	6.861	8.027	8.941	9.646	10.266	10.955
2181	21.80	11.816	12.855	13.952	14.892	15.430	15.360	14.587	13.147	11.198	8.972
2191	21.90	6.717	4.637	2.858	1.415	0.258	-0.720	-1.653	-2.665	-3.845	-5.216
2201	22.00	-6.740	-8.316	-9.816	-11.114	-12.121	-12.802	-13.169	-13.261	-13.111	-12.722
2211	22.10	-12.067	-11.107	-9.826	-8.264	-6.522	-4.749	-3.105	-1.713	-0.631	0.153
2221	22.20	0.701	1.097	1.411	1.691	1.964	2.250	2.566	2.924	3.313	3.672
2231	22.30	3.994	3.831	3.364	2.346	0.839	-1.073	-3.208	-5.348	-7.284	-8.850
2241	22.40	-9.932	-10.462	-10.396	-9.714	-8.416	-6.540	-4.175	-1.456	1.451	4.369
2251	22.50	7.139	9.632	11.744	13.397	14.530	15.114	15.173	14.798	14.149	13.425
2261	22.60	12.808	12.406	12.219	12.135	11.978	11.576	10.830	9.739	8.391	6.908
2271	22.70	5.377	3.812	2.149	0.281	-1.871	-4.314	-6.953	-9.616	-12.102	-14.238
2281	22.80	-15.916	-17.104	-17.824	-18.121	-18.035	-17.591	-16.810	-15.715	-14.346	-12.755
2291	22.90	-11.001	-9.133	-7.197	-5.247	-3.353	-1.612	-0.133	0.985	1.685	1.975
2301	23.00	1.927	1.652	1.271	0.880	0.541	0.291	0.162	0.194	0.435	0.911
2311	23.10	1.601	2.416	3.214	3.836	4.172	4.203	4.018	3.782	3.668	3.787
2321	23.20	4.140	4.620	5.055	5.284	5.208	4.822	4.194	3.412	2.539	1.579
2331	23.30	0.496	-0.751	-2.149	-3.613	-4.988	-6.095	-6.795	-7.035	-6.866	-6.418
2341	23.40	-5.855	-5.311	-4.860	-4.500	-4.173	-3.798	-3.299	-2.630	-1.774	-0.740
2351	23.50	0.441	1.723	3.040	4.316	5.466	6.409	7.091	7.491	7.624	7.536
2361	23.60	7.288	6.944	6.562	6.191	5.873	5.639	5.503	5.457	5.459	5.441
2371	23.70	5.318	5.009	4.452	3.622	2.524	1.192	-0.327	-1.977	-3.698	-5.423
2381	23.80	-7.078	-8.588	-9.886	-10.931	-11.708	-12.219	-12.471	-12.447	-12.106	-11.389
2391	23.90	-10.251	-8.704	-6.839	-4.832	-2.903	-1.259	-0.030	0.777	1.273	1.653
2401	24.00	2.119	2.815	3.778	4.929	6.108	7.124	7.813	8.078	7.895	7.310
2411	24.10	6.407	5.287	4.055	2.809	1.645	0.650	-0.105	-0.577	-0.761	-0.690
2421	24.20	-0.426	-0.045	0.387	0.824	1.245	1.646	2.021	2.356	2.621	2.784
2431	24.30	2.819	2.732	2.559	2.360	2.190	2.072	1.974	1.805	1.439	0.760
2441	24.40	-0.288	-1.668	-3.240	-4.787	-6.067	-6.878	-7.106	-6.746	-5.891	-4.693
2451	24.50	-3.317	-1.902	-0.549	0.688	1.775	2.694	3.432	3.984	4.365	4.610
2461	24.60	4.772	4.907	5.054	5.221	5.387	5.509	5.538	5.440	5.194	4.800
2471	24.70	4.263	3.596	2.814	1.940	1.013	0.081	-0.803	-1.598	-2.288	-2.880
2481	24.80	-3.393	-3.835	-4.183	-4.370	-4.302	-3.879	-3.037	-1.772	-0.155	1.680
2491	24.90	3.585	5.328	6.820	7.928	8.579	8.737	8.400	7.607	6.437	5.005

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

INDEX NO. 2017 206-GR-1-62 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -56.084 (GAL) T= 13.68 (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	3.455	1.937	0.575	-0.548	-1.404	-2.013	-2.426	-2.705	-2.905	-3.066
2511	25.10	-3.213	-3.360	-3.513	-3.673	-3.832	-3.981	-4.109	-4.216	-4.319	-4.444
2521	25.20	-4.623	-4.879	-5.209	-5.589	-5.977	-6.337	-6.653	-6.936	-7.214	-7.508
2531	25.30	-7.806	-8.052	-8.153	-8.009	-7.556	-6.791	-5.784	-4.656	-3.532	-2.499
2541	25.40	-1.567	-0.677	0.274	1.379	2.676	4.114	5.566	6.857	7.815	8.323
2551	25.50	8.345	7.934	7.213	6.343	5.490	4.795	4.357	4.221	4.378	4.766
2561	25.60	5.281	5.787	6.139	6.209	5.905	5.197	4.116	2.753	1.243	-0.259
2571	25.70	-1.601	-2.658	-3.348	-3.638	-3.557	-3.186	-2.666	-2.081	-1.628	-1.308
2581	25.80	-1.402	-1.648	-2.052	-2.510	-2.932	-3.264	-3.509	-3.711	-3.933	-4.217
2591	25.90	-4.558	-4.895	-5.124	-5.133	-4.839	-4.213	-3.284	-2.123	-0.813	0.583
2601	26.00	2.026	3.500	4.979	6.400	7.658	8.610	9.115	9.086	8.522	7.525
2611	26.10	6.275	4.983	3.830	2.919	2.254	1.753	1.290	0.742	0.026	-0.880
2621	26.20	-1.947	-3.115	-4.319	-5.505	-6.641	-7.703	-8.671	-9.517	-10.198	-10.664
2631	26.30	-10.857	-10.726	-10.228	-9.347	-8.099	-6.549	-4.809	-3.034	-1.395	-0.037
2641	26.40	0.956	1.591	1.963	2.224	2.534	2.999	3.642	4.392	5.123	5.707
2651	26.50	6.065	6.200	6.188	6.139	6.140	6.209	6.282	6.229	5.908	5.219
2661	26.60	4.145	2.754	1.180	-0.431	-1.962	-3.351	-4.594	-5.717	-6.742	-7.667
2671	26.70	-8.455	-9.055	-9.424	-9.554	-9.480	-9.259	-8.953	-8.589	-8.147	-7.563
2681	26.80	-6.758	-5.669	-4.281	-2.642	-0.853	0.963	2.695	4.274	5.678	6.924
2691	26.90	8.045	9.063	9.977	10.764	11.401	11.877	12.212	12.447	12.626	12.772
2701	27.00	12.866	12.846	12.621	12.103	11.238	10.023	8.507	6.774	4.912	2.993
2711	27.10	1.056	-0.881	-2.811	-4.716	-6.559	-8.283	-9.825	-11.129	-12.161	-12.909
2721	27.20	-13.377	-13.577	-13.516	-13.199	-12.627	-11.813	-10.780	-9.572	-8.243	-6.856
2731	27.30	-5.469	-4.126	-2.858	-1.659	-0.508	0.637	1.824	3.089	4.437	5.832
2741	27.40	7.189	8.396	9.335	9.921	10.122	9.970	9.566	8.952	8.274	7.558
2751	27.50	6.805	5.987	5.079	4.086	3.062	2.096	1.291	0.728	0.437	0.386
2761	27.60	0.490	0.635	0.709	0.631	0.360	-0.102	-0.728	-1.476	-2.307	-3.184
2771	27.70	-4.075	-4.941	-5.730	-6.373	-6.781	-6.860	-6.524	-5.715	-4.421	-2.688
2781	27.80	-0.619	1.633	3.891	5.978	7.741	9.073	9.915	10.257	10.131	9.592
2791	27.90	8.713	7.574	6.252	4.822	3.351	1.899	0.518	-0.746	-1.850	-2.754
2801	28.00	-3.425	-3.840	-3.996	-3.908	-3.611	-3.154	-2.591	-1.971	-1.338	-0.729
2811	28.10	-0.183	0.259	0.552	0.660	0.563	0.264	-0.203	-0.788	-1.441	-2.126
2821	28.20	-2.828	-3.555	-4.321	-5.126	-5.947	-6.728	-7.394	-7.863	-8.065	-7.954
2831	28.30	-7.506	-6.719	-5.605	-4.198	-2.553	-0.757	1.070	2.789	4.263	5.392
2841	28.40	6.130	6.500	6.576	6.446	6.179	5.789	5.230	4.416	3.262	1.721
2851	28.50	-0.177	-2.324	-4.547	-6.651	-8.456	-9.828	-10.691	-11.021	-10.827	-10.135
2861	28.60	-8.976	-7.393	-5.450	-3.245	-0.911	1.390	3.495	5.264	6.605	7.482
2871	28.70	7.917	7.967	7.705	7.199	6.505	5.656	4.681	3.606	2.464	1.297
2881	28.80	0.151	-0.934	-1.929	-2.827	-3.633	-4.362	-5.026	-5.622	-6.126	-6.490
2891	28.90	-6.654	-6.558	-6.161	-5.459	-4.485	-3.315	-2.043	-0.763	0.452	1.565
2901	29.00	2.573	3.491	4.331	5.086	5.718	6.171	6.393	6.363	6.109	5.711
2911	29.10	5.286	4.949	4.785	4.815	4.992	5.214	5.359	5.313	5.008	4.436
2921	29.20	3.662	2.714	1.750	0.838	0.030	-0.663	-1.267	-1.829	-2.400	-3.009
2931	29.30	-3.649	-4.273	-4.806	-5.168	-5.298	-5.177	-4.840	-4.369	-3.868	-3.437
2941	29.40	-3.147	-3.025	-3.058	-3.205	-3.416	-3.648	-3.871	-4.066	-4.222	-4.325
2951	29.50	-4.359	-4.315	-4.196	-4.020	-3.819	-3.627	-3.465	-3.332	-3.203	-3.031
2961	29.60	-2.766	-2.367	-1.813	-1.107	-0.274	0.650	1.623	2.607	3.568	4.478
2971	29.70	5.315	6.062	6.710	7.254	7.693	8.021	8.229	8.303	8.227	7.992
2981	29.80	7.602	7.070	6.418	5.658	4.787	3.778	2.591	1.190	-0.430	-2.225
2991	29.90	-4.097	-5.899	-7.471	-8.669	-9.395	-9.612	-9.339	-8.632	-7.558	-6.175

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

INDEX NO. 2017 206-GR-1-62 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -56.084 (GAL) T= 13.68 (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	-4.523	-2.633	-0.539	1.703	4.014	6.292	8.429	10.327	11.908	13.118
3011	30.10	13.927	14.321	14.300	13.882	13.111	12.058	10.812	9.470	8.104	6.747
3021	30.20	5.380	3.947	2.360	0.638	-1.275	-3.294	-5.317	-7.236	-8.973	-10.497
3031	30.30	-11.821	-12.979	-13.989	-14.828	-15.431	-15.705	-15.574	-15.006	-14.036	-12.753
3041	30.40	-11.271	-9.696	-8.088	-6.465	-4.814	-3.121	-1.400	0.299	1.898	3.322
3051	30.50	4.514	5.457	6.158	6.629	6.867	6.840	6.504	5.831	4.844	3.637
3061	30.60	2.365	1.207	0.313	-0.241	-0.476	-0.486	-0.398	-0.310	-0.246	-0.146
3071	30.70	0.105	0.628	1.488	2.657	4.013	5.369	6.533	7.357	7.772	7.788
3081	30.80	7.466	6.881	6.087	5.106	3.945	2.613	1.155	-0.342	-1.759	-2.976
3091	30.90	-3.904	-4.505	-4.799	-4.841	-4.696	-4.416	-4.022	-3.516	-2.899	-2.188
3101	31.00	-1.424	-0.672	0.001	0.543	0.923	1.136	1.187	1.077	0.800	0.355
3111	31.10	-0.239	-0.924	-1.599	-2.135	-2.411	-2.354	-1.964	-1.322	-0.562	0.171
3121	31.20	0.764	1.164	1.382	1.467	1.472	1.430	1.336	1.164	0.887	0.502
3131	31.30	0.036	-0.458	-0.921	-1.312	-1.616	-1.840	-2.000	-2.109	-2.161	-2.145
3141	31.40	-2.055	-1.902	-1.723	-1.566	-1.468	-1.433	-1.420	-1.352	-1.143	-0.728
3151	31.50	-0.098	0.698	1.560	2.370	3.025	3.462	3.669	3.670	3.506	3.214
3161	31.60	2.810	2.292	1.650	0.887	0.034	-0.844	-1.654	-2.295	-2.680	-2.765
3171	31.70	-2.563	-2.140	-1.606	-1.085	-0.683	-0.464	-0.434	-0.552	-0.743	-0.929
3181	31.80	-1.052	-1.086	-1.034	-0.922	-0.778	-0.631	-0.501	-0.408	-0.375	-0.422
3191	31.90	-0.558	-0.766	-0.996	-1.169	-1.197	-1.017	-0.611	-0.026	0.643	1.282
3201	32.00	1.788	2.108	2.235	2.203	2.054	1.814	1.483	1.044	0.490	-0.158
3211	32.10	-0.833	-1.439	-1.879	-2.088	-2.055	-1.824	-1.473	-1.084	-0.709	-0.361
3221	32.20	-0.013	0.373	0.830	1.366	1.961	2.579	3.175	3.712	4.156	4.482
3231	32.30	4.666	4.691	4.549	4.253	3.831	3.324	2.763	2.159	1.492	0.716
3241	32.40	-0.211	-1.305	-2.531	-3.799	-4.985	-5.957	-6.618	-6.930	-6.917	-6.653
3251	32.50	-6.228	-5.723	-5.188	-4.640	-4.077	-3.488	-2.871	-2.238	-1.607	-0.995
3261	32.60	-0.408	0.166	0.744	1.350	1.999	2.692	3.412	4.132	4.812	5.411
3271	32.70	5.892	6.222	6.383	6.370	6.196	5.887	5.476	4.997	4.476	3.925
3281	32.80	3.344	2.727	2.067	1.366	0.636	-0.102	-0.823	-1.509	-2.153	-2.760
3291	32.90	-3.340	-3.902	-4.442	-4.940	-5.360	-5.657	-5.789	-5.728	-5.467	-5.020
3301	33.00	-4.419	-3.700	-2.897	-2.042	-1.159	-0.277	0.567	1.328	1.953	2.397
3311	33.10	2.634	2.673	2.556	2.351	2.135	1.973	1.900	1.917	1.998	2.104
3321	33.20	2.208	2.299	2.388	2.495	2.627	2.764	2.852	2.811	2.560	2.043
3331	33.30	1.252	0.234	-0.916	-2.083	-3.161	-4.080	-4.816	-5.386	-5.826	-6.167
3341	33.40	-6.423	-6.581	-6.615	-6.502	-6.238	-5.846	-5.369	-4.852	-4.327	-3.793
3351	33.50	-3.227	-2.592	-1.864	-1.047	-0.186	0.648	1.377	1.968	2.350	2.619
3361	33.60	2.832	3.075	3.421	3.900	4.498	5.155	5.789	6.317	6.675	6.830
3371	33.70	6.787	6.577	6.250	5.851	5.414	4.944	4.424	3.817	3.088	2.219
3381	33.80	1.228	0.170	-0.875	-1.820	-2.599	-3.187	-3.600	-3.890	-4.111	-4.303
3391	33.90	-4.471	-4.591	-4.625	-4.541	-4.333	-4.017	-3.624	-3.175	-2.671	-2.091
3401	34.00	-1.412	-0.634	0.202	1.006	1.665	2.081	2.204	2.059	1.737	1.362
3411	34.10	1.049	0.857	0.782	0.761	0.708	0.559	0.292	-0.056	-0.407	-0.672
3421	34.20	-0.774	-0.666	-0.333	0.211	0.935	1.794	2.726	3.653	4.485	5.131
3431	34.30	5.520	5.622	5.448	5.050	4.496	3.846	3.137	2.381	1.577	0.735
3441	34.40	-0.114	-0.913	-1.595	-2.111	-2.451	-2.650	-2.775	-2.896	-3.053	-3.238
3451	34.50	-3.397	-3.453	-3.336	-3.018	-2.524	-1.920	-1.290	-0.706	-0.208	0.201
3461	34.60	0.538	0.820	1.044	1.186	1.212	1.093	0.833	0.468	0.068	-0.292
3471	34.70	-0.553	-0.684	-0.693	-0.614	-0.485	-0.338	-0.188	-0.033	0.127	0.291
3481	34.80	0.442	0.561	0.630	0.645	0.616	0.559	0.486	0.391	0.252	0.066
3491	34.90	-0.233	-0.556	-0.849	-1.013	-0.955	-0.626	-0.044	0.695	1.451	2.075

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

INDEX NO. 2017 206-GR-1-62 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -56.084 (GAL) T= 13.68 (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	2.457	2.555	2.398	2.059	1.618	1.130	0.606	0.024	-0.643	-1.401
3511	35.10	-2.215	-3.007	-3.685	-4.165	-4.402	-4.396	-4.186	-3.830	-3.387	-2.904
3521	35.20	-2.415	-1.951	-1.542	-1.224	-1.033	-0.991	-1.104	-1.355	-1.712	-2.139
3531	35.30	-2.601	-3.069	-3.514	-3.899	-4.176	-4.295	-4.213	-3.910	-3.400	-2.727
3541	35.40	-1.952	-1.130	-0.298	0.535	1.379	2.246	3.131	4.000	4.797	5.454
3551	35.50	5.908	6.125	6.095	5.840	5.397	4.809	4.119	3.371	2.604	1.861
3561	35.60	1.181	0.592	0.110	-0.268	-0.559	-0.783	-0.956	-1.081	-1.152	-1.158
3571	35.70	-1.098	-0.978	-0.821	-0.651	-0.489	-0.336	-0.178	0.012	0.263	0.589
3581	35.80	0.987	1.432	1.890	2.326	2.716	3.051	3.330	3.557	3.731	3.842
3591	35.90	3.875	3.818	3.667	3.428	3.115	2.739	2.301	1.783	1.156	0.394
3601	36.00	-0.505	-1.511	-2.549	-3.515	-4.301	-4.817	-5.019	-4.914	-4.555	-4.022
3611	36.10	-3.395	-2.739	-2.093	-1.480	-0.909	-0.389	0.069	0.457	0.775	1.034
3621	36.20	1.258	1.466	1.669	1.859	2.013	2.107	2.126	2.078	1.986	1.877
3631	36.30	1.763	1.626	1.421	1.089	0.583	-0.111	-0.960	-1.902	-2.860	-3.774
3641	36.40	-4.616	-5.388	-6.107	-6.777	-7.374	-7.837	-8.088	-8.057	-7.702	-7.029
3651	36.50	-6.083	-4.929	-3.635	-2.250	-0.803	0.689	2.203	3.706	5.143	6.452
3661	36.60	7.573	8.463	9.101	9.484	9.626	9.547	9.267	8.805	8.177	7.398
3671	36.70	6.481	5.436	4.272	3.002	1.648	0.252	-1.131	-2.435	-3.597	-4.577
3681	36.80	-5.365	-5.984	-6.482	-6.912	-7.311	-7.689	-8.021	-8.258	-8.340	-8.216
3691	36.90	-7.860	-7.274	-6.488	-5.548	-4.503	-3.389	-2.226	-1.018	0.240	1.542
3701	37.00	2.865	4.163	5.367	6.408	7.229	7.801	8.127	8.235	8.163	7.943
3711	37.10	7.593	7.122	6.544	5.886	5.197	4.532	3.931	3.399	2.895	2.344
3721	37.20	1.671	0.834	-0.152	-1.211	-2.236	-3.129	-3.840	-4.385	-4.827	-5.241
3731	37.30	-5.674	-6.117	-6.514	-6.790	-6.892	-6.815	-6.604	-6.325	-6.030	-5.721
3741	37.40	-5.350	-4.843	-4.137	-3.218	-2.130	-0.958	0.210	1.319	2.367	3.386
3751	37.50	4.416	5.466	6.497	7.432	8.186	8.702	8.969	9.018	8.896	8.632
3761	37.60	8.222	7.630	6.817	5.772	4.527	3.152	1.723	0.291	-1.137	-2.594
3771	37.70	-4.117	-5.706	-7.298	-8.771	-9.978	-10.800	-11.190	-11.184	-10.878	-10.385
3781	37.80	-9.785	-9.098	-8.300	-7.352	-6.245	-5.030	-3.808	-2.699	-1.787	-1.089
3791	37.90	-0.542	-0.030	0.568	1.328	2.251	3.266	4.258	5.116	5.770	6.214
3801	38.00	6.492	6.680	6.849	7.036	7.242	7.431	7.553	7.561	7.431	7.166
3811	38.10	6.790	6.338	5.842	5.319	4.766	4.165	3.491	2.727	1.876	0.957
3821	38.20	0.022	-0.879	-1.695	-2.399	-2.985	-3.467	-3.869	-4.207	-4.482	-4.678
3831	38.30	-4.774	-4.754	-4.617	-4.386	-4.097	-3.787	-3.481	-3.185	-2.880	-2.536
3841	38.40	-2.125	-1.631	-1.058	-0.428	0.221	0.852	1.429	1.924	2.318	2.598
3851	38.50	2.759	2.800	2.730	2.565	2.330	2.055	1.765	1.480	1.203	0.927
3861	38.60	0.635	0.311	-0.054	-0.450	-0.852	-1.221	-1.513	-1.696	-1.755	-1.706
3871	38.70	-1.586	-1.451	-1.355	-1.340	-1.420	-1.583	-1.798	-2.027	-2.240	-2.423
3881	38.80	-2.576	-2.709	-2.823	-2.911	-2.947	-2.899	-2.742	-2.471	-2.110	-1.712
3891	38.90	-1.338	-1.044	-0.859	-0.774	-0.745	-0.706	-0.589	-0.345	0.045	0.569
3901	39.00	1.194	1.872	2.562	3.227	3.842	4.384	4.827	5.140	5.290	5.247
3911	39.10	4.996	4.543	3.915	3.159	2.332	1.490	0.679	-0.063	-0.710	-1.238
3921	39.20	-1.626	-1.850	-1.893	-1.749	-1.433	-0.989	-0.480	0.013	0.415	0.668
3931	39.30	0.749	0.672	0.480	0.232	-0.019	-0.239	-0.423	-0.588	-0.761	-0.963
3941	39.40	-1.189	-1.408	-1.570	-1.620	-1.523	-1.274	-0.905	-0.476	-0.058	0.291
3951	39.50	0.540	0.690	0.769	0.815	0.863	0.930	1.017	1.111	1.194	1.258
3961	39.60	1.306	1.351	1.410	1.499	1.621	1.767	1.917	2.047	2.131	2.147
3971	39.70	2.083	1.933	1.700	1.387	1.002	0.549	0.034	-0.535	-1.144	-1.765
3981	39.80	-2.361	-2.883	-3.285	-3.535	-3.622	-3.564	-3.404	-3.191	-2.965	-2.743
3991	39.90	-2.517	-2.262	-1.952	-1.579	-1.162	-0.740	-0.358	-0.046	0.194	0.387

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

INDEX NO. 2017 206-GR-1-62 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -56.084 (GAL) T= 13.68 (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	0.565	0.747	0.925	1.056	1.086	0.980	0.744	0.441	0.172	0.043
4011	40.10	0.119	0.393	0.790	1.190	1.475	1.577	1.502	1.324	1.152	1.082
4021	40.20	1.160	1.363	1.618	1.830	1.923	1.860	1.648	1.324	0.924	0.473
4031	40.30	-0.027	-0.580	-1.185	-1.821	-2.443	-3.002	-3.457	-3.792	-4.019	-4.172
4041	40.40	-4.284	-4.375	-4.435	-4.431	-4.317	-4.051	-3.607	-2.986	-2.211	-1.329
4051	40.50	-0.396	0.525	1.372	2.098	2.670	3.082	3.355	3.525	3.640	3.737
4061	40.60	3.839	3.944	4.037	4.096	4.105	4.059	3.959	3.808	3.596	3.307
4071	40.70	2.923	2.438	1.875	1.282	0.729	0.281	-0.021	-0.181	-0.245	-0.284
4081	40.80	-0.371	-0.550	-0.825	-1.155	-1.477	-1.726	-1.858	-1.859	-1.748	-1.560
4091	40.90	-1.341	-1.131	-0.958	-0.843	-0.801	-0.840	-0.958	-1.144	-1.372	-1.599
4101	41.00	-1.777	-1.858	-1.808	-1.619	-1.309	-0.926	-0.536	-0.209	-0.005	0.039
4111	41.10	-0.081	-0.336	-0.673	-1.033	-1.362	-1.625	-1.814	-1.937	-2.014	-2.061
4121	41.20	-2.085	-2.082	-2.046	-1.976	-1.881	-1.776	-1.677	-1.589	-1.495	-1.367
4131	41.30	-1.173	-0.898	-0.555	-0.185	0.149	0.390	0.504	0.500	0.426	0.354
4141	41.40	0.354	0.477	0.736	1.110	1.555	2.020	2.463	2.853	3.169	3.402
4151	41.50	3.546	3.601	3.575	3.484	3.354	3.205	3.049	2.876	2.661	2.368
4161	41.60	1.969	1.458	0.860	0.220	-0.408	-0.981	-1.479	-1.911	-2.303	-2.681
4171	41.70	-3.057	-3.419	-3.739	-3.981	-4.125	-4.166	-4.126	-4.032	-3.906	-3.752
4181	41.80	-3.553	-3.277	-2.899	-2.412	-1.838	-1.224	-0.628	-0.099	0.338	0.688
4191	41.90	0.982	1.260	1.561	1.899	2.267	2.638	2.972	3.234	3.397	3.451
4201	42.00	3.401	3.262	3.053	2.793	2.497	2.174	1.826	1.449	1.040	0.601
4211	42.10	0.145	-0.304	-0.712	-1.043	-1.264	-1.363	-1.343	-1.231	-1.061	-0.870
4221	42.20	-0.688	-0.528	-0.392	-0.274	-0.162	-0.049	0.072	0.203	0.343	0.493
4231	42.30	0.645	0.787	0.903	0.975	0.989	0.941	0.843	0.713	0.570	0.425
4241	42.40	0.278	0.115	-0.080	-0.310	-0.559	-0.792	-0.962	-1.025	-0.957	-0.761
4251	42.50	-0.462	-0.097	0.302	0.715	1.143	1.590	2.061	2.544	3.013	3.431
4261	42.60	3.768	4.006	4.149	4.217	4.236	4.228	4.200	4.147	4.053	3.901
4271	42.70	3.676	3.367	2.971	2.490	1.929	1.305	0.643	-0.021	-0.648	-1.205
4281	42.80	-1.675	-2.062	-2.384	-2.661	-2.907	-3.114	-3.258	-3.303	-3.225	-3.017
4291	42.90	-2.696	-2.296	-1.851	-1.386	-0.905	-0.399	0.136	0.691	1.226	1.683
4301	43.00	2.001	2.135	2.084	1.884	1.607	1.323	1.085	0.900	0.736	0.533
4311	43.10	0.233	-0.192	-0.730	-1.329	-1.913	-2.412	-2.784	-3.025	-3.163	-3.242
4321	43.20	-3.297	-3.340	-3.355	-3.304	-3.154	-2.892	-2.539	-2.150	-1.797	-1.545
4331	43.30	-1.431	-1.452	-1.567	-1.711	-1.815	-1.832	-1.737	-1.537	-1.251	-0.906
4341	43.40	-0.523	-0.116	0.300	0.710	1.093	1.424	1.684	1.867	1.980	2.039
4351	43.50	2.064	2.059	2.017	1.918	1.748	1.506	1.218	0.930	0.694	0.549
4361	43.60	0.504	0.536	0.594	0.628	0.601	0.507	0.366	0.210	0.067	-0.055
4371	43.70	-0.170	-0.304	-0.475	-0.687	-0.921	-1.147	-1.341	-1.496	-1.628	-1.762
4381	43.80	-1.919	-2.094	-2.253	-2.339	-2.296	-2.090	-1.733	-1.276	-0.795	-0.367
4391	43.90	-0.044	0.160	0.264	0.305	0.312	0.297	0.245	0.132	-0.067	-0.355
4401	44.00	-0.711	-1.094	-1.457	-1.759	-1.980	-2.120	-2.193	-2.222	-2.224	-2.211
4411	44.10	-2.181	-2.126	-2.034	-1.888	-1.675	-1.387	-1.022	-0.595	-0.129	0.343
4421	44.20	0.787	1.179	1.505	1.768	1.982	2.159	2.305	2.412	2.460	2.423
4431	44.30	2.278	2.014	1.633	1.150	0.591	-0.012	-0.618	-1.184	-1.663	-2.008
4441	44.40	-2.185	-2.178	-1.997	-1.683	-1.290	-0.880	-0.504	-0.193	0.045	0.220
4451	44.50	0.347	0.439	0.501	0.534	0.539	0.516	0.470	0.405	0.316	0.190
4461	44.60	0.004	-0.261	-0.614	-1.039	-1.501	-1.948	-2.327	-2.600	-2.750	-2.785
4471	44.70	-2.724	-2.590	-2.397	-2.144	-1.821	-1.419	-0.936	-0.390	0.189	0.762
4481	44.80	1.298	1.778	2.205	2.599	2.986	3.386	3.801	4.210	4.572	4.837
4491	44.90	4.960	4.917	4.709	4.364	3.923	3.426	2.899	2.347	1.758	1.116

Table 7-12-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2017 206-GR-1-62 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -56.084 (GAL) T= 13.68 (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	0.418	-0.314	-1.029	-1.660	-2.138	-2.416	-2.481	-2.355	-2.092	-1.752
4511	45.10	-1.386	-1.020	-0.656	-0.276	0.139	0.599	1.093	1.591	2.047	2.419
4521	45.20	2.674	2.801	2.810	2.730	2.597	2.442	2.286	2.132	1.968	1.776
4531	45.30	1.541	1.260	0.952	0.648	0.389	0.210	0.128	0.136	0.207	0.306
4541	45.40	0.400	0.474	0.526	0.571	0.621	0.677	0.724	0.733	0.677	0.538
4551	45.50	0.328	0.078	-0.159	-0.336	-0.419	-0.401	-0.304	-0.165	-0.025	0.091
4561	45.60	0.177	0.246	0.327	0.445	0.620	0.853	1.132	1.436	1.741	2.025
4571	45.70	2.274	2.475	2.618	2.694	2.692	2.608	2.443	2.210	1.930	1.626
4581	45.80	1.320	1.023	0.736	0.452	0.163	-0.134	-0.428	-0.703	-0.940	-1.129
4591	45.90	-1.277	-1.405	-1.543	-1.717	-1.936	-2.182	-2.421	-2.606	-2.695	-2.668
4601	46.00	-2.530	-2.307	-2.035	-1.750	-1.477	-1.226	-0.997	-0.787	-0.595	-0.424
4611	46.10	-0.284	-0.188	-0.145	-0.167	-0.262	-0.437	-0.696	-1.033	-1.428	-1.847
4621	46.20	-2.245	-2.572	-2.790	-2.861	-2.848	-2.718	-2.527	-2.310	-2.093	-1.886
4631	46.30	-1.686	-1.483	-1.266	-1.034	-0.791	-0.553	-0.344	-0.190	-0.115	-0.137
4641	46.40	-0.257	-0.464	-0.732	-1.030	-1.330	-1.617	-1.892	-2.164	-2.445	-2.732
4651	46.50	-2.998	-3.203	-3.305	-3.277	-3.132	-2.917	-2.706	-2.566	-2.534	-2.592
4661	46.60	-2.676	-2.692	-2.555	-2.218	-1.692	-1.037	-0.340	0.316	0.883	1.348
4671	46.70	1.731	2.064	2.370	2.652	2.900	3.102	3.256	3.380	3.504	3.650
4681	46.80	3.825	4.006	4.149	4.202	4.131	3.931	3.630	3.278	2.922	2.590
4691	46.90	2.279	1.960	1.597	1.169	0.687	0.200	-0.220	-0.501	-0.600	-0.526
4701	47.00	-0.337	-0.128	0.001	-0.019	-0.202	-0.496	-0.803	-1.009	-1.022	-0.807
4711	47.10	-0.395	0.128	0.655	1.089	1.381	1.534	1.597	1.634	1.694	1.789
4721	47.20	1.892	1.946	1.897	1.710	1.389	0.970	0.509	0.057	-0.350	-0.703
4731	47.30	-1.009	-1.285	-1.544	-1.794	-2.037	-2.271	-2.499	-2.720	-2.928	-3.107
4741	47.40	-3.228	-3.262	-3.191	-3.023	-2.794	-2.565	-2.394	-2.324	-2.353	-2.443
4751	47.50	-2.522	-2.518	-2.381	-2.102	-1.716	-1.286	-0.880	-0.548	-0.306	-0.141
4761	47.60	-0.017	0.102	0.240	0.401	0.574	0.739	0.877	0.976	1.030	1.036
4771	47.70	0.988	0.877	0.695	0.437	0.107	-0.275	-0.682	-1.084	-1.454	-1.776
4781	47.80	-2.044	-2.260	-2.430	-2.556	-2.633	-2.650	-2.596	-2.460	-2.241	-1.944
4791	47.90	-1.584	-1.179	-0.745	-0.293	0.173	0.654	1.154	1.670	2.198	2.724
4801	48.00	3.231	3.701	4.122	4.490	4.806	5.077	5.304	5.486	5.609	5.654
4811	48.10	5.603	5.441	5.172	4.812	4.392	3.948	3.513	3.107	2.733	2.384
4821	48.20	2.047	1.711	1.379	1.064	0.785	0.561	0.400	0.290	0.209	0.127
4831	48.30	0.024	-0.106	-0.244	-0.356	-0.407	-0.375	-0.266	-0.118	0.012	0.063
4841	48.40	-0.008	-0.208	-0.503	-0.828	-1.106	-1.267	-1.273	-1.121	-0.841	-0.487
4851	48.50	-0.113	0.235	0.527	0.755	0.919	1.025	1.076	1.069	1.000	0.863
4861	48.60	0.660	0.395	0.080	-0.273	-0.648	-1.035	-1.420	-1.787	-2.114	-2.375
4871	48.70	-2.538	-2.572	-2.459	-2.195	-1.800	-1.316	-0.797	-0.303	0.117	0.431
4881	48.80	0.632	0.731	0.753	0.724	0.670	0.605	0.541	0.487	0.452	0.450
4891	48.90	0.492	0.582	0.718	0.886	1.071	1.256	1.431	1.591	1.733	1.852
4901	49.00	1.935	1.962	1.912	1.774	1.550	1.254	0.913	0.549	0.172	-0.225
4911	49.10	-0.658	-1.145	-1.689	-2.271	-2.853	-3.386	-3.826	-4.146	-4.342	-4.430
4921	49.20	-4.430	-4.362	-4.233	-4.062	-3.789	-3.476	-3.118	-2.738	-2.354	-1.978
4931	49.30	-1.603	-1.218	-0.806	-0.365	0.091	0.533	0.926	1.243	1.474	1.625
4941	49.40	1.717	1.767	1.784	1.763	1.690	1.548	1.331	1.042	0.693	0.296
4951	49.50	-0.145	-0.635	-1.184	-1.794	-2.448	-3.108	-3.719	-4.222	-4.572	-4.755
4961	49.60	-4.786	-4.706	-4.565	-4.408	-4.258	-4.117	-3.967	-3.783	-3.542	-3.229
4971	49.70	-2.844	-2.392	-1.888	-1.352	-0.804	-0.265	0.242	0.703	1.112	1.475
4981	49.80	1.811	2.146	2.501	2.887	3.296	3.702	4.066	4.348	4.515	4.553
4991	49.90	4.468	4.279	4.020	3.721	3.408	3.097	2.793	2.491	2.179	1.841

Table 7-12-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 2017 206-GR-1-62 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -56.084 (GAL) T= 13.68 (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	1.461	1.027	0.535	-0.010	-0.588	-1.167	-1.704	-2.156	-2.488	-2.677
5011	50.10	-2.724	-2.648	-2.482	-2.267	-2.039	-1.822	-1.625	-1.441	-1.250	-1.033
5021	50.20	-0.771	-0.459	-0.100	0.289	0.685	1.061	1.392	1.663	1.888	2.016
5031	50.30	2.127	2.228	2.344	2.493	2.678	2.883	3.082	3.243	3.338	3.358
5041	50.40	3.306	3.203	3.076	2.951	2.842	2.752	2.675	2.604	2.530	2.453
5051	50.50	2.372	2.289	2.200	2.097	1.967	1.797	1.576	1.299	0.961	0.563
5061	50.60	0.112	-0.376	-0.869	-1.321	-1.683	-1.907	-1.973	-1.888	-1.696	-1.456
5071	50.70	-1.227	-1.041	-0.899	-0.769	-0.613	-0.406	-0.153	0.111	0.339	0.500
5081	50.80	0.592	0.650	0.727	0.862	1.057	1.275	1.451	1.535	1.521	1.457
5091	50.90	1.433	1.531	1.778	2.115	2.405	2.480	2.208	1.555	0.606	-0.454

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

INDEX NO. 2021 501-GR-1-152 HA. (HA.) FUTTU CAPE MAX. ACC. = -320.307 (GAL) T= 10.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.801	1.246	0.899	0.953	1.341	1.795	1.996	1.772	1.199	0.573
11	0.10	0.250	0.435	1.053	1.759	2.105	1.775	0.773	-0.538	-1.590	-1.862
21	0.20	-1.133	0.392	2.164	3.515	3.949	3.343	1.988	0.440	-0.727	-1.148
31	0.30	-0.793	0.081	1.083	1.875	2.299	2.388	2.284	2.114	1.905	1.580
41	0.40	1.037	0.242	-0.695	-1.538	-2.008	-1.910	-1.226	-0.138	1.037	1.968
51	0.50	2.428	2.365	1.891	1.209	0.516	-0.064	-0.498	-0.806	-0.996	-1.022
61	0.60	-0.788	-0.203	0.734	1.879	2.938	3.544	3.391	2.369	0.647	-1.343
71	0.70	-3.031	-3.899	-3.668	-2.412	-0.540	1.336	2.628	2.970	2.349	1.082
81	0.80	-0.322	-1.372	-1.785	-1.570	-0.994	-0.427	-0.160	-0.272	-0.604	-0.851
91	0.90	-0.722	-0.098	0.901	1.959	2.704	2.874	2.429	1.559	0.582	-0.215
101	1.00	-0.707	-0.969	-1.210	-1.611	-2.185	-2.712	-2.816	-2.146	-0.594	1.567
111	1.10	3.711	5.063	5.006	3.372	0.579	-2.471	-4.701	-5.276	-3.942	-1.161
121	1.20	2.042	4.665	5.188	3.935	1.173	-2.078	-4.655	-5.708	-5.010	-3.006
131	1.30	-0.588	1.293	2.020	1.526	0.269	-1.016	-1.660	-1.341	-0.192	1.303
141	1.40	2.551	3.121	2.904	2.115	1.142	0.338	-0.136	-0.348	-0.502	-0.773
151	1.50	-1.172	-1.519	-1.540	-1.044	-0.076	1.032	1.777	1.700	0.661	-1.129
161	1.60	-2.948	-3.999	-3.650	-1.753	1.228	4.328	6.423	6.666	4.745	1.207
171	1.70	-2.891	-6.256	-7.846	-7.230	-4.729	-1.270	1.971	3.987	4.284	2.993
181	1.80	0.760	-1.544	-3.155	-3.670	-3.132	-1.937	-0.637	0.297	0.626	0.392
191	1.90	-0.156	-0.689	-0.940	-0.795	-0.312	0.323	0.878	1.161	1.077	0.655
201	2.00	0.026	-0.622	-1.109	-1.315	-1.209	-0.846	-0.333	0.218	0.724	1.149
211	2.10	1.477	1.681	1.691	1.415	0.782	-0.178	-1.284	-2.219	-2.623	-2.242
221	2.20	-1.076	0.563	2.123	3.004	2.811	1.539	-0.380	-2.231	-3.296	-3.161
231	2.30	-1.905	-0.071	1.560	2.310	1.908	0.598	-0.972	-2.055	-2.153	-1.239
241	2.40	0.233	1.546	2.055	1.486	0.055	-1.633	-2.863	-3.129	-2.348	-0.878
251	2.50	0.655	1.633	1.698	0.879	-0.456	-1.770	-2.573	-2.592	-1.825	-0.505
261	2.60	1.008	2.341	3.200	3.410	2.940	1.904	0.551	-0.775	-1.714	-1.996
271	2.70	-1.544	-0.534	0.647	1.526	1.730	1.143	-0.028	-1.333	-2.251	-2.416
281	2.80	-1.763	-0.557	0.726	1.602	1.776	1.242	0.262	-0.777	-1.531	-1.825
291	2.90	-1.684	-1.264	-0.740	-0.205	0.347	0.972	1.683	2.378	2.831	2.767
301	3.00	1.991	0.502	-1.449	-3.402	-4.813	-5.227	-4.432	-2.540	0.026	2.641
311	3.10	4.649	5.546	5.119	3.505	1.156	-1.295	-3.216	-4.151	-3.949	-2.780
321	3.20	-1.057	0.717	2.119	2.921	3.123	2.893	2.453	1.970	1.499	1.003
331	3.30	0.414	-0.287	-1.035	-1.698	-2.145	-2.307	-2.208	-1.940	-1.600	-1.227
341	3.40	-0.788	-0.215	0.518	1.334	2.045	2.422	2.307	1.713	0.849	0.047
351	3.50	-0.385	-0.313	0.149	0.680	0.905	0.580	-0.282	-1.396	-2.333	-2.714
361	3.60	-2.381	-1.466	-0.316	0.674	1.244	1.372	1.249	1.141	1.228	1.496
371	3.70	1.746	1.720	1.267	0.458	-0.411	-0.953	-0.870	-0.123	1.033	2.143
381	3.80	2.751	2.603	1.751	0.525	-0.620	-1.337	-1.462	-1.112	-0.552	-0.042
391	3.90	0.298	0.526	0.804	1.260	1.868	2.411	2.570	2.075	0.867	-0.842
401	4.00	-2.624	-4.005	-4.652	-4.497	-3.743	-2.746	-1.834	-1.158	-0.646	-0.075
411	4.10	0.782	1.997	3.413	4.677	5.371	5.173	3.982	1.959	-0.525	-3.000
421	4.20	-5.012	-6.219	-6.436	-5.652	-4.025	-1.874	0.365	2.209	3.245	3.261
431	4.30	2.336	0.852	-0.622	-1.524	-1.513	-0.607	0.825	2.215	3.037	3.021
441	4.40	2.249	1.084	-0.030	-0.775	-1.099	-1.178	-1.262	-1.472	-1.677	-1.535
451	4.50	-0.696	0.947	3.083	5.006	5.859	5.013	2.404	-1.344	-5.075	-7.520
461	4.60	-7.790	-5.751	-2.105	1.868	4.795	5.743	4.559	1.900	-1.062	-3.119
471	4.70	-3.497	-2.126	0.380	3.013	4.778	5.063	3.823	1.531	-1.058	-3.213
481	4.80	-4.468	-4.729	-4.207	-3.255	-2.186	-1.155	-0.154	0.910	2.081	3.270
491	4.90	4.242	4.687	4.357	3.186	1.352	-0.760	-2.676	-3.984	-4.464	-4.137

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

INDEX NO. 2021 501-GR-1-152 HA. (HA.) FUTTU CAPE MAX. ACC. = -320.307 (GAL) T= 10.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.227	-2.044	-0.861	0.175	1.055	1.846	2.599	3.271	3.720	3.764
511	5.10	3.290	2.347	1.174	0.135	-0.426	-0.334	0.321	1.190	1.799	1.736
521	5.20	0.831	-0.747	-2.540	-3.957	-4.497	-3.932	-2.396	-0.334	1.658	3.041
531	5.30	3.505	3.047	1.933	0.575	-0.632	-1.436	-1.781	-1.778	-1.612	-1.435
541	5.40	-1.296	-1.132	-0.827	-0.295	0.431	1.183	1.697	1.724	1.148	0.073
551	5.50	-1.181	-2.179	-2.534	-2.069	-0.912	0.536	1.746	2.271	1.935	0.912
561	5.60	-0.339	-1.268	-1.458	-0.808	0.432	1.761	2.642	2.713	1.922	0.529
571	5.70	-1.017	-2.250	-2.848	-2.701	-1.899	-0.662	0.737	2.020	2.920	3.201
581	5.80	2.708	1.443	-0.357	-2.216	-3.524	-3.756	-2.708	-0.674	1.598	3.149
591	5.90	3.207	1.561	-1.263	-4.146	-5.802	-5.334	-2.682	1.274	5.002	6.929
601	6.00	6.103	2.628	-2.321	-6.955	-9.579	-9.283	-6.303	-1.911	2.138	4.332
611	6.10	4.012	1.605	-1.619	-4.124	-4.774	-3.298	-0.355	2.787	4.822	4.944
621	6.20	3.151	0.186	-2.816	-4.803	-5.196	-4.029	-1.855	0.563	2.557	3.743
631	6.30	4.050	3.601	2.576	1.126	-0.598	-2.357	-3.753	-4.275	-3.475	-1.217
641	6.40	2.134	5.700	8.321	8.961	7.144	3.215	-1.700	-6.053	-8.440	-8.126
651	6.50	-5.343	-1.202	2.732	5.048	5.016	2.835	-0.495	-3.617	-5.371	-5.242
661	6.60	-3.506	-1.047	1.065	2.037	1.663	0.352	-1.112	-1.955	-1.771	-0.681
671	6.70	0.752	1.807	1.958	1.112	-0.346	-1.748	-2.453	-2.154	-1.016	0.398
681	6.80	1.390	1.457	0.525	-0.998	-2.410	-3.025	-2.494	-0.973	0.929	2.408
691	6.90	2.813	1.930	0.080	-2.009	-3.502	-3.800	-2.776	-0.814	1.360	2.976
701	7.00	3.520	2.917	1.530	-0.004	-1.036	-1.150	-0.310	1.147	2.640	3.561
711	7.10	3.488	2.323	0.330	-1.964	-3.932	-5.061	-5.113	-4.199	-2.726	-1.233
721	7.20	-0.187	0.204	0.060	-0.229	-0.196	0.487	1.831	3.502	4.938	5.583
731	7.30	5.123	3.635	1.569	-0.423	-1.736	-2.048	-1.420	-0.254	0.890	1.522
741	7.40	1.409	0.637	-0.438	-1.355	-1.723	-1.366	-0.373	0.949	2.196	3.008
751	7.50	3.198	2.799	2.035	1.215	0.594	0.261	0.099	-0.147	-0.724	-1.702
761	7.60	-2.872	-3.770	-3.852	-2.744	-0.474	2.442	5.127	6.647	6.388	4.334
771	7.70	1.120	-2.176	-4.445	-4.967	-3.687	-1.217	1.429	3.248	3.634	2.585
781	7.80	0.648	-1.342	-2.600	-2.688	-1.628	0.153	2.015	3.342	3.724	3.048
791	7.90	1.494	-0.534	-2.520	-3.955	-4.447	-3.827	-2.201	0.053	2.376	4.179
801	8.00	5.031	4.795	3.676	2.142	0.748	-0.066	-0.121	0.458	1.321	2.051
811	8.10	2.334	2.065	1.365	0.511	-0.192	-0.523	-0.413	0.049	0.669	1.228
821	8.20	1.559	1.591	1.357	0.972	0.579	0.304	0.219	0.329	0.583	0.906
831	8.30	1.225	1.481	1.632	1.640	1.469	1.094	0.530	-0.144	-0.781	-1.202
841	8.40	-1.266	-0.941	-0.346	0.272	0.629	0.529	-0.038	-0.873	-1.630	-1.962
851	8.50	-1.671	-0.802	0.365	1.421	1.986	1.851	1.048	-0.171	-1.438	-2.391
861	8.60	-2.779	-2.519	-1.684	-0.469	0.881	2.121	3.057	3.573	3.640	3.303
871	8.70	2.647	1.766	0.732	-0.393	-1.526	-2.520	-3.155	-3.194	-2.482	-1.073
881	8.80	0.715	2.352	3.270	3.103	1.877	0.046	-1.661	-2.565	-2.252	-0.947
891	8.90	0.745	2.020	2.273	1.385	-0.213	-1.740	-2.429	-1.897	-0.315	1.666
901	9.00	3.209	3.663	2.821	0.976	-1.246	-3.163	-4.301	-4.533	-4.056	-3.249
911	9.10	-2.505	-2.106	-2.162	-2.622	-3.311	-3.966	-4.291	-4.015	-2.983	-1.226
921	9.20	0.995	3.245	5.023	5.929	5.773	4.616	2.703	0.356	-2.117	-4.452
931	9.30	-6.388	-7.628	-7.865	-6.896	-4.791	-2.008	0.651	2.274	2.205	0.377
941	9.40	-2.562	-5.420	-6.902	-6.133	-3.050	1.525	6.170	9.382	10.118	8.148
951	9.50	4.078	-0.911	-5.503	-8.655	-9.862	-9.197	-7.166	-4.472	-1.773	0.485
961	9.60	2.132	3.230	3.951	4.431	4.654	4.442	3.530	1.765	-0.732	-3.504
971	9.70	-5.878	-7.241	-7.340	-6.438	-5.201	-4.339	-4.165	-4.338	-3.973	-2.136
981	9.80	1.530	6.364	10.763	12.808	11.185	5.934	-1.403	-8.388	-12.802	-13.709
991	9.90	-11.918	-9.559	-8.968	-11.462	-16.662	-22.742	-27.476	-29.500	-29.065	-27.828

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

INDEX NO. 2021 501-GR-1-152 HA. (HA.) FUTTU CAPE MAX. ACC. = -320.307 (GAL) T= 10.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-27.769	-29.852	-33.193	-35.288	-33.227	-25.272	-11.928	4.098	19.070	29.894
1011	10.10	35.394	36.513	35.384	33.875	32.494	30.313	25.917	18.728	9.776	1.313
1021	10.20	-4.611	-7.735	-10.259	-15.905	-27.636	-45.185	-63.877	-75.727	-72.625	-50.242
1031	10.30	-10.727	37.320	81.782	111.613	120.894	110.417	86.089	55.153	22.348	-11.817
1041	10.40	-49.676	-92.703	-137.670	-175.138	-191.625	-174.869	-119.874	-32.734	69.858	165.577
1051	10.50	233.932	263.066	253.056	214.482	163.245	114.137	75.984	50.128	32.229	15.894
1061	10.60	-3.956	-29.411	-59.809	-92.943	-125.970	-155.312	-175.876	-180.735	-162.357	-115.571
1071	10.70	-41.165	51.849	147.062	225.038	269.863	275.119	246.458	199.241	152.037	118.747
1081	10.80	102.971	97.283	87.770	61.660	14.301	-47.987	-110.682	-158.148	-181.556	-183.596
1091	10.90	-177.417	-180.029	-203.141	-245.872	-293.041	-320.307	-304.233	-232.967	-112.834	32.243
1101	11.00	168.445	263.776	299.009	273.465	203.562	115.137	33.124	-27.028	-62.839	-82.347
1111	11.10	-97.488	-116.759	-140.603	-161.415	-167.790	-150.687	-108.685	-48.572	15.137	67.499
1121	11.20	97.825	103.502	90.190	68.785	50.689	43.438	48.365	60.939	73.257	77.448
1131	11.30	68.605	46.297	14.436	-20.165	-49.867	-68.270	-71.782	-60.454	-37.938	-10.551
1141	11.40	14.415	30.801	35.512	29.594	17.919	7.422	4.420	12.017	28.687	48.714
1151	11.50	64.419	69.285	60.699	41.089	16.977	-3.689	-14.748	-14.239	-5.008	6.670
1161	11.60	13.797	11.492	-1.182	-21.053	-42.243	-58.416	-64.947	-60.197	-45.613	-24.812
1171	11.70	-2.194	18.383	34.430	45.053	50.661	52.376	51.385	48.412	43.458	35.869
1181	11.80	24.732	9.492	-9.440	-30.344	-50.359	-66.174	-75.059	-75.836	-69.344	-58.161
1191	11.90	-45.630	-34.577	-26.263	-20.052	-13.928	-5.657	5.939	20.169	34.475	45.262
1201	12.00	49.205	44.490	31.527	12.881	-7.500	-25.448	-37.735	-42.882	-41.419	-35.591
1211	12.10	-28.588	-23.513	-22.349	-25.189	-30.017	-33.182	-30.548	-19.008	2.118	30.351
1221	12.20	60.378	85.423	99.270	98.221	82.252	54.944	22.229	-9.527	-35.338	-52.636
1231	12.30	-61.268	-62.635	-58.564	-50.374	-38.905	-24.754	-9.020	6.395	19.082	26.995
1241	12.40	29.449	27.696	24.672	23.906	27.996	37.342	49.709	60.879	66.178	62.250
1251	12.50	48.381	26.842	2.148	-20.440	-36.573	-44.013	-43.014	-35.841	-25.727	-15.718
1261	12.60	-7.805	-2.581	0.570	2.938	5.837	10.072	15.654	21.793	27.138	30.175
1271	12.70	29.680	25.107	16.819	6.073	-5.256	-15.143	-21.961	-24.921	-24.254	-21.087
1281	12.80	-17.030	-13.638	-11.939	-12.187	-13.911	-16.230	-18.259	-19.466	-19.807	-19.627
1291	12.90	-19.378	-19.300	-19.229	-18.628	-16.835	-13.427	-8.532	-2.918	2.199	5.592
1301	13.00	6.539	5.190	2.608	0.423	0.210	2.807	7.876	13.910	18.716	20.221
1311	13.10	17.295	10.253	0.834	-8.356	-14.729	-16.579	-13.607	-6.923	1.443	9.296
1321	13.20	14.989	17.833	18.102	16.692	14.640	12.710	11.199	9.984	8.737	7.174
1331	13.30	5.234	3.145	1.377	0.534	1.201	3.780	8.307	14.302	20.707	25.998
1341	13.40	28.503	26.902	20.731	10.723	-1.223	-12.495	-20.531	-23.665	-21.597	-15.677
1351	13.50	-8.242	-1.885	1.477	1.221	-1.847	-5.896	-8.816	-9.009	-5.945	-0.294
1361	13.60	6.366	12.108	15.283	14.980	11.223	4.875	-2.669	-9.892	-15.525	-18.818
1371	13.70	-19.637	-18.402	-15.897	-13.012	-10.507	-8.841	-8.128	-8.196	-8.700	-9.245
1381	13.80	-9.446	-8.955	-7.464	-4.768	-0.877	3.832	8.540	12.081	13.260	11.320
1391	13.90	6.396	-0.287	-6.626	-10.287	-9.582	-4.245	4.248	13.024	18.770	18.969
1401	14.00	12.941	2.245	-9.753	-19.052	-22.457	-18.778	-9.286	2.742	13.213	16.694
1411	14.10	17.613	10.753	0.891	-8.253	-13.336	-12.516	-5.999	4.116	14.579	22.041
1421	14.20	24.057	19.742	9.958	-3.005	-16.096	-26.328	-31.553	-30.976	-25.289	-16.404
1431	14.30	-6.829	1.102	5.928	7.448	6.652	5.215	4.745	6.063	8.836	11.714
1441	14.40	12.937	11.164	6.177	-0.880	-7.832	-12.283	-12.560	-8.401	-1.098	6.989
1451	14.50	13.317	16.105	14.933	10.792	5.586	1.341	-0.513	0.441	3.661	8.044
1461	14.60	12.429	15.976	18.269	19.191	18.695	16.668	12.980	7.683	1.224	-5.497
1471	14.70	-11.303	-15.121	-16.392	-15.321	-12.824	-10.183	-8.542	-8.476	-9.802	-11.730
1481	14.80	-13.250	-13.589	-12.531	-10.455	-8.126	-6.320	-5.492	-5.621	-6.284	-6.908
1491	14.90	-7.076	-6.723	-6.163	-5.916	-6.441	-7.880	-9.929	-11.896	-12.923	-12.294

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

INDEX NO. 2021 501-GR-1-152 HA. (HA.) FUTTU CAPE MAX. ACC. = -320.307 (GAL) T= 10.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-9.725	-5.515	-0.516	4.108	7.237	8.166	6.869	4.036	0.872	-1.290
1511	15.10	-1.434	0.806	5.039	10.290	15.377	19.334	21.719	22.671	22.711	22.398
1521	15.20	22.001	21.349	19.938	17.222	12.962	7.440	1.436	-4.028	-8.059	-10.196
1531	15.30	-10.512	-9.487	-7.709	-5.597	-3.275	-0.658	2.302	5.367	7.934	9.176
1541	15.40	8.384	5.335	0.491	-5.080	-10.059	-13.363	-14.535	-13.869	-12.213	-10.540
1551	15.50	-9.510	-9.209	-9.194	-8.793	-7.506	-5.296	-2.628	-0.249	1.162	1.301
1561	15.60	0.328	-1.286	-3.062	-4.792	-6.636	-8.966	-12.050	-15.738	-19.329	-21.733
1571	15.70	-21.861	-19.084	-13.548	-6.185	1.593	8.399	13.346	16.299	17.803	18.729
1581	15.80	19.804	21.250	22.672	23.242	22.104	18.799	13.550	7.281	1.365	-2.800
1591	15.90	-4.231	-2.661	1.390	6.798	12.186	16.330	18.488	18.549	16.969	14.536
1601	16.00	12.038	9.980	8.425	7.030	5.253	2.633	-0.963	-5.242	-9.567	-13.197
1611	16.10	-15.566	-16.482	-16.163	-15.082	-13.721	-12.331	-10.844	-8.978	-6.488	-3.450
1621	16.20	-0.414	1.658	1.693	-1.064	-6.662	-14.268	-22.295	-28.813	-32.115	-31.243
1631	16.30	-26.288	-18.367	-9.283	-0.975	5.044	8.107	8.524	7.391	6.170	6.139
1641	16.40	7.938	11.317	15.218	18.141	18.700	16.170	10.830	3.960	-2.538	-6.764
1651	16.50	-7.496	-4.645	0.691	6.603	11.067	12.688	11.208	7.582	3.578	1.062
1661	16.60	1.255	4.252	8.988	13.665	16.443	16.124	12.564	6.657	-0.061	-6.009
1671	16.70	-10.104	-12.048	-12.265	-11.575	-10.757	-10.201	-9.792	-9.035	-7.341	-4.343
1681	16.80	-0.086	4.950	10.010	14.304	17.241	18.563	18.348	16.912	14.657	11.934
1691	16.90	8.973	5.890	2.748	-0.367	-3.294	-5.810	-7.706	-8.888	-9.467	-9.777
1701	17.00	-10.287	-11.429	-13.399	-15.998	-18.627	-20.431	-20.588	-18.642	-14.729	-9.623
1711	17.10	-4.541	-0.776	0.705	-0.436	-3.841	-8.609	-13.621	-17.877	-20.730	-21.930
1721	17.20	-21.511	-19.601	-16.282	-11.562	-5.472	1.779	9.689	17.465	24.159	28.891
1731	17.30	31.068	30.521	27.516	22.652	16.706	10.483	4.710	-0.020	-3.281	-4.842
1741	17.40	-4.695	-3.077	-0.434	2.665	5.659	8.128	9.874	10.921	11.433	11.594
1751	17.50	11.510	11.179	10.531	9.518	8.196	6.750	5.451	4.568	4.269	4.568
1761	17.60	5.334	6.341	7.345	8.130	8.518	8.356	7.497	5.808	3.216	-0.227
1771	17.70	-4.302	-8.620	-12.694	-16.058	-18.393	-19.622	-19.935	-19.724	-19.463	-19.549
1781	17.80	-20.174	-21.242	-22.381	-23.031	-22.609	-20.693	-17.194	-12.432	-7.110	-2.142
1791	17.90	1.598	3.555	3.679	2.464	0.780	-0.443	-0.583	0.395	1.868	2.756
1801	18.00	1.925	-1.314	-6.821	-13.500	-19.516	-22.810	-21.757	-15.744	-5.464	7.193
1811	18.10	19.631	29.286	34.358	34.315	30.004	23.339	16.669	12.052	10.651	12.452
1821	18.20	16.357	20.617	23.417	23.445	20.252	14.327	6.886	-0.523	-6.465	-9.972
1831	18.30	-10.728	-9.051	-5.701	-1.622	2.331	5.566	7.822	9.099	9.530	9.230
1841	18.40	8.200	6.336	3.525	-0.204	-4.556	-8.931	-12.518	-14.508	-14.337	-11.880
1851	18.50	-7.514	-2.013	3.678	8.699	12.465	14.726	15.490	14.883	13.031	10.034
1861	18.60	6.038	1.359	-3.454	-7.664	-10.545	-11.635	-10.957	-9.068	-6.904	-5.461
1871	18.70	-5.431	-6.953	-9.581	-12.479	-14.761	-15.825	-15.545	-14.257	-12.564	-11.074
1881	18.80	-10.185	-10.009	-10.438	-11.284	-12.398	-13.708	-15.151	-16.571	-17.644	-17.912
1891	18.90	-16.925	-14.431	-10.522	-5.671	-0.611	3.883	7.235	9.233	10.047	10.115
1901	19.00	9.948	9.927	10.181	10.575	10.808	10.565	9.676	8.228	6.577	5.275
1911	19.10	4.905	5.873	8.218	11.503	14.857	17.169	17.615	15.018	10.105	3.544
1921	19.20	-3.270	-8.854	-12.134	-12.816	-11.477	-9.318	-7.670	-7.436	-8.712	-10.726
1931	19.30	-12.155	-11.666	-8.479	-2.720	4.581	11.832	17.432	20.301	20.206	17.775
1941	19.40	14.219	10.896	8.877	8.666	10.127	12.613	15.218	17.066	17.544	16.440
1951	19.50	13.977	10.727	7.450	4.885	3.539	3.536	4.582	6.051	7.192	7.377
1961	19.60	6.303	4.087	1.197	-1.724	-4.091	-5.557	-6.097	-5.959	-5.542	-5.252
1971	19.70	-5.399	-6.159	-7.580	-9.603	-12.075	-14.761	-17.246	-19.180	-20.171	-20.011
1981	19.80	-18.752	-16.727	-14.463	-12.507	-11.228	-10.692	-10.648	-10.641	-10.212	-9.088
1991	19.90	-7.289	-5.128	-3.096	-1.704	-1.337	-2.161	-4.102	-6.866	-9.989	-12.902

Table 7-13-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 2021 501-GR-1-152 HA. (HA.) FUTTU CAPE MAX. ACC. = -320.307 (GAL) T= 10.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-15.003	-15.761	-14.839	-12.200	-8.174	-3.406	1.289	5.158	7.731	8.959
2011	20.10	9.187	8.989	8.916	9.258	9.934	10.537	10.521	9.436	7.130	3.824
2021	20.20	0.051	-3.498	-6.164	-7.457	-7.128	-5.163	-1.745	2.769	7.973	13.239
2031	20.30	17.961	21.537	23.505	23.659	22.108	19.267	15.747	12.198	9.141	6.858
2041	20.40	5.367	4.471	3.876	3.305	2.580	1.657	0.606	-0.438	-1.338	-1.997
2051	20.50	-2.396	-2.600	-2.745	-3.007	-3.543	-4.432	-5.618	-6.888	-7.906	-8.295
2061	20.60	-7.771	-6.258	-3.962	-1.350	0.973	2.446	2.753	1.947	0.456	-1.046
2071	20.70	-1.861	-1.519	0.049	2.468	5.045	6.997	7.725	7.014	5.100	2.572
2081	20.80	0.153	-1.546	-2.231	-1.986	-1.200	-0.396	-0.025	-0.313	-1.223	-2.508
2091	20.90	-3.838	-4.931	-5.639	-5.949	-5.935	-5.678	-5.206	-4.486	-3.461	-2.121
2101	21.00	-0.568	0.957	2.099	2.462	1.723	-0.255	-3.334	-7.065	-10.744	-13.547
2111	21.10	-14.744	-13.926	-11.174	-7.102	-2.726	0.834	2.724	2.674	1.136	-0.843
2121	21.20	-1.981	-1.249	1.714	6.414	11.637	15.869	17.828	16.918	13.424	8.364
2131	21.30	3.102	-1.148	-3.689	-4.478	-3.982	-2.678	-1.729	-0.797	-0.047	0.693
2141	21.40	1.531	2.390	3.024	3.166	2.699	1.762	0.713	-0.042	-0.255	0.016
2151	21.50	0.410	0.424	-0.342	-1.963	-4.104	-6.106	-7.229	-6.924	-5.063	-1.995
2161	21.60	1.554	4.714	6.739	7.224	6.198	4.083	1.548	-0.707	-2.144	-2.527
2171	21.70	-1.972	-0.883	0.185	0.720	0.428	-0.658	-2.173	-3.538	-4.164	-3.671
2181	21.80	-2.049	0.309	2.705	4.362	4.671	3.401	0.779	-2.568	-5.800	-8.101
2191	21.90	-8.917	-8.095	-5.920	-3.015	-0.173	1.873	2.644	2.044	0.385	-1.710
2201	22.00	-3.494	-4.329	-3.886	-2.239	0.143	2.567	4.329	4.919	4.151	2.156
2211	22.10	-0.721	-4.069	-7.526	-10.821	-13.718	-15.933	-17.092	-16.767	-14.624	-10.606
2221	22.20	-5.068	1.216	7.206	11.886	14.564	15.090	13.885	11.780	9.719	8.446
2231	22.30	8.293	9.125	10.463	11.708	12.363	12.185	11.218	9.718	8.018	6.410
2241	22.40	5.066	4.023	3.227	2.581	2.009	1.491	1.080	0.901	1.126	1.922
2251	22.50	3.392	5.501	8.035	10.607	12.739	13.981	14.056	12.952	10.918	8.368
2261	22.60	5.705	3.157	0.685	-1.975	-5.157	-9.046	-13.512	-18.059	-21.942	-24.410
2271	22.70	-24.978	-23.621	-20.006	-17.345	-14.126	-11.832	-10.749	-10.737	-11.357	-12.084
2281	22.80	-12.510	-12.460	-11.984	-11.262	-10.472	-9.701	-8.940	-8.129	-7.240	-6.314
2291	22.90	-5.438	-4.673	-3.970	-3.137	-1.887	0.039	2.730	6.000	9.395	12.293
2301	23.00	14.101	14.438	13.265	10.906	7.944	5.067	2.886	1.808	1.975	3.274
2311	23.10	5.396	7.908	10.337	12.246	13.303	13.350	12.444	10.857	9.019	7.409
2321	23.20	6.415	6.217	6.729	7.635	8.493	8.890	8.567	7.491	5.828	3.852
2331	23.30	1.828	-0.084	-1.856	-3.551	-5.238	-6.898	-8.383	-9.433	-9.762	-9.168
2341	23.40	-7.630	-5.355	-2.734	-0.245	1.688	2.812	3.115	2.804	2.211	1.656
2351	23.50	1.319	1.178	1.020	0.556	-0.444	-2.014	-3.937	-5.801	-7.124	-7.537
2361	23.60	-6.923	-5.457	-3.543	-1.651	-0.138	0.872	1.504	2.026	2.682	3.539
2371	23.70	4.418	4.950	4.742	3.565	1.493	-1.080	-3.556	-5.334	-6.023	-5.563
2381	23.80	-4.228	-2.503	-0.896	0.235	0.772	0.829	0.642	0.446	0.363	0.370
2391	23.90	0.324	0.049	-0.588	-1.617	-2.960	-4.453	-5.890	-7.065	-7.807	-8.003
2401	24.00	-7.625	-6.745	-5.538	-4.254	-3.161	-2.462	-2.220	-2.318	-2.492	-2.424
2411	24.10	-1.867	-0.766	0.706	2.186	3.254	3.589	3.100	1.962	0.556	-0.672
2421	24.20	-1.379	-1.434	-0.948	-0.200	0.491	0.904	0.988	0.863	0.742	0.824
2431	24.30	1.211	1.875	2.695	3.529	4.296	5.007	5.750	6.620	7.652	8.761
2441	24.40	9.744	10.334	10.287	9.468	7.905	5.793	3.455	1.268	-0.419	-1.347
2451	24.50	-1.389	-0.575	0.918	2.780	4.616	6.006	6.590	6.149	4.673	2.374
2461	24.60	-0.355	-3.040	-5.254	-6.729	-7.418	-7.473	-7.157	-6.725	-6.321	-5.938
2471	24.70	-5.455	-4.733	-3.724	-2.535	-1.420	-0.690	-0.588	-1.182	-2.319	-3.683
2481	24.80	-4.914	-5.750	-6.120	-6.151	-6.082	-6.133	-6.376	-6.682	-6.771	-6.330
2491	24.90	-5.161	-3.286	-0.954	1.442	3.507	4.991	5.862	6.291	6.552	6.892

Table 7-13-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 2021 501-GR-1-152 HA. (HA.) FUTTU CAPE MAX. ACC. = -320.307 (GAL) T= 10.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	7.426	8.100	8.738	9.132	9.147	8.770	8.100	7.284	6.435	5.575
2511	25.10	4.640	3.529	2.189	0.680	-0.802	-1.966	-2.522	-2.282	-1.243	0.388
2521	25.20	2.238	3.856	4.835	4.910	4.024	2.338	0.176	-2.056	-3.972	-5.300
2531	25.30	-5.927	-5.913	-5.449	-4.786	-4.166	-3.758	-3.636	-3.786	-4.137	-4.593
2541	25.40	-5.060	-5.456	-5.705	-5.744	-5.532	-5.076	-4.455	-3.813	-3.332	-3.161
2551	25.50	-3.344	-3.777	-4.217	-4.367	-3.997	-3.060	-1.750	-0.454	0.386	0.451
2561	25.60	-0.291	-1.536	-2.719	-3.209	-2.552	-0.655	2.140	5.153	7.584	8.778
2571	25.70	8.437	6.702	4.088	1.288	-1.057	-2.547	-3.103	-2.919	-2.337	-1.678
2581	25.80	-1.124	-0.685	-0.234	0.390	1.286	2.430	3.681	4.832	5.687	6.136
2591	25.90	6.180	5.927	5.547	5.216	5.069	5.167	5.489	5.941	6.374	6.621
2601	26.00	6.534	6.030	5.124	3.946	2.722	1.721	1.178	1.213	1.787	2.703
2611	26.10	3.661	4.350	4.540	4.142	3.216	1.924	0.459	-1.022	-2.427	-3.726
2621	26.20	-4.911	-5.956	-6.805	-7.385	-7.641	-7.579	-7.269	-6.827	-6.366	-5.946
2631	26.30	-5.553	-5.116	-4.556	-3.846	-3.042	-2.282	-1.736	-1.537	-1.727	-2.242
2641	26.40	-2.934	-3.635	-4.216	-4.631	-4.913	-5.136	-5.358	-5.582	-5.734	-5.682
2651	26.50	-5.285	-4.438	-3.116	-1.391	0.576	2.554	4.287	5.530	6.095	5.889
2661	26.60	4.949	3.454	1.699	0.054	-1.126	-1.583	-1.236	-0.213	1.176	2.523
2671	26.70	3.438	3.670	3.192	2.208	1.100	0.298	0.142	0.773	2.077	3.728
2681	26.80	5.287	6.343	6.630	6.091	4.868	3.238	1.517	-0.018	-1.175	-1.842
2691	26.90	-1.976	-1.575	-0.687	0.576	2.019	3.384	4.401	4.887	4.822	4.387
2701	27.00	3.926	3.821	4.349	5.546	7.173	8.766	9.788	9.800	8.599	6.274
2711	27.10	3.160	-0.272	-3.546	-6.291	-8.284	-9.462	-9.889	-9.719	-9.159	-8.439
2721	27.20	-7.761	-7.255	-6.937	-6.696	-6.336	-5.662	-4.580	-3.167	-1.676	-0.454
2731	27.30	0.184	0.087	-0.674	-1.835	-3.049	-4.032	-4.657	-4.971	-5.123	-5.241
2741	27.40	-5.334	-5.265	-4.816	-3.807	-2.211	-0.195	1.923	3.797	5.180	6.008
2751	27.50	6.398	6.557	6.678	6.839	6.987	6.986	6.702	6.087	5.210	4.226
2761	27.60	3.320	2.631	2.218	2.060	2.080	2.183	2.269	2.239	1.997	1.466
2771	27.70	0.620	-0.479	-1.667	-2.708	-3.374	-3.538	-3.254	-2.755	-2.383	-2.454
2781	27.80	-3.120	-4.295	-5.669	-6.826	-7.401	-7.215	-6.335	-5.033	-3.662	-2.517
2791	27.90	-1.739	-1.290	-1.013	-0.726	-0.315	0.225	0.809	1.319	1.667	1.832
2801	28.00	1.859	1.827	1.810	1.852	1.970	2.166	2.442	2.799	3.225	3.673
2811	28.10	4.064	4.300	4.308	4.075	3.665	3.200	2.807	2.567	2.473	2.435
2821	28.20	2.322	2.025	1.507	0.816	0.063	-0.632	-1.192	-1.603	-1.898	-2.124
2831	28.30	-2.300	-2.407	-2.411	-2.313	-2.177	-2.136	-2.347	-2.914	-3.819	-4.895
2841	28.40	-5.860	-6.415	-6.348	-5.617	-4.374	-2.905	-1.534	-0.509	0.060	0.214
2851	28.50	0.095	-0.131	-0.336	-0.465	-0.528	-0.568	-0.623	-0.712	-0.837	-0.990
2861	28.60	-1.163	-1.343	-1.501	-1.580	-1.512	-1.243	-0.771	-0.164	0.455	0.960
2871	28.70	1.284	1.471	1.679	2.117	2.951	4.212	5.744	7.235	8.317	8.703
2881	28.80	8.300	7.254	5.906	4.681	3.937	3.861	4.417	5.390	6.470	7.369
2891	28.90	7.896	7.992	7.703	7.128	6.366	5.476	4.484	3.394	2.218	0.997
2901	29.00	-0.208	-1.333	-2.335	-3.211	-3.993	-4.731	-5.453	-6.137	-6.694	-6.979
2911	29.10	-6.839	-6.173	-4.986	-3.427	-1.769	-0.352	0.508	0.619	-0.026	-1.245
2921	29.20	-2.723	-4.109	-5.126	-5.646	-5.700	-5.441	-5.053	-4.679	-4.370	-4.090
2931	29.30	-3.768	-3.355	-2.871	-2.409	-2.089	-1.998	-2.143	-2.425	-2.681	-2.737
2941	29.40	-2.490	-1.944	-1.220	-0.512	-0.017	0.134	-0.081	-0.565	-1.139	-1.599
2951	29.50	-1.776	-1.587	-1.054	-0.292	0.524	1.216	1.647	1.759	1.579	1.197
2961	29.60	0.724	0.248	-0.192	-0.611	-1.043	-1.498	-1.924	-2.199	-2.159	-1.663
2971	29.70	-0.666	0.739	2.319	3.761	4.766	5.138	4.847	4.030	2.938	1.844
2981	29.80	0.965	0.407	0.168	0.170	0.324	0.563	0.864	1.227	1.651	2.105
2991	29.90	2.523	2.827	2.956	2.892	2.669	2.354	2.020	1.714	1.445	1.191

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

INDEX NO. 2021 501-GR-1-152 HA. (HA.) FUTTU CAPE MAX. ACC. = -320.307 (GAL) T= 10.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.923	0.636	0.357	0.145	0.067	0.169	0.452	0.868	1.337	1.775
3011	30.10	2.122	2.359	2.509	2.615	2.715	2.818	2.894	2.887	2.742	2.438
3021	30.20	2.011	1.556	1.210	1.105	1.317	1.831	2.530	3.215	3.665	3.699
3031	30.30	3.236	2.318	1.100	-0.201	-1.373	-2.261	-2.802	-3.017	-2.981	-2.781
3041	30.40	-2.483	-2.120	-1.703	-1.243	-0.770	-0.336	-0.010	0.147	0.100	-0.154
3051	30.50	-0.583	-1.139	-1.764	-2.400	-2.987	-3.465	-3.777	-3.883	-3.777	-3.505
3061	30.60	-3.166	-2.888	-2.796	-2.969	-3.417	-4.071	-4.811	-5.502	-6.032	-6.336
3071	30.70	-6.397	-6.233	-5.879	-5.377	-4.776	-4.143	-3.571	-3.168	-3.028	-3.192
3081	30.80	-3.616	-4.160	-4.620	-4.782	-4.496	-3.727	-2.565	-1.195	0.170	1.360
3091	30.90	2.333	3.108	3.803	4.527	5.323	6.137	6.829	7.234	7.235	6.824
3101	31.00	6.121	5.336	4.701	4.385	4.442	4.799	5.299	5.771	6.094	6.237
3111	31.10	6.246	6.199	6.152	6.106	6.009	5.796	5.441	4.984	4.525	4.173
3121	31.20	3.973	3.862	3.662	3.142	2.113	0.520	-1.511	-3.697	-5.689	-7.185
3131	31.30	-8.029	-8.246	-8.009	-7.546	-7.053	-6.625	-6.263	-5.909	-5.520	-5.112
3141	31.40	-4.767	-4.591	-4.661	-4.979	-5.459	-5.965	-6.356	-6.541	-6.495	-6.242
3151	31.50	-5.828	-5.282	-4.611	-3.815	-2.910	-1.953	-1.031	-0.230	0.406	0.907
3161	31.60	1.365	1.897	2.586	3.427	4.317	5.082	5.546	5.596	5.236	4.586
3171	31.70	3.832	3.188	2.809	2.764	3.033	3.529	4.139	4.752	5.281	5.668
3181	31.80	5.880	5.908	5.763	5.478	5.105	4.706	4.336	4.030	3.790	3.593
3191	31.90	3.397	3.165	2.878	2.551	2.218	1.924	1.705	1.565	1.479	1.392
3201	32.00	1.246	0.998	0.639	0.206	-0.237	-0.616	-0.881	-1.026	-1.088	-1.127
3211	32.10	-1.199	-1.324	-1.474	-1.599	-1.660	-1.672	-1.726	-1.967	-2.540	-3.522
3221	32.20	-4.861	-6.369	-7.774	-8.802	-9.275	-9.168	-8.607	-7.810	-6.990	-6.281
3231	32.30	-5.699	-5.170	-4.596	-3.921	-3.171	-2.442	-1.847	-1.460	-1.278	-1.232
3241	32.40	-1.234	-1.227	-1.219	-1.268	-1.432	-1.716	-2.035	-2.236	-2.151	-1.673
3251	32.50	-0.811	0.309	1.494	2.562	3.411	4.048	4.566	5.079	5.660	6.298
3261	32.60	6.914	7.396	7.658	7.675	7.491	7.182	6.821	6.442	6.038	5.578
3271	32.70	5.044	4.453	3.866	3.367	3.039	2.933	3.058	3.387	3.864	4.420
3281	32.80	4.984	5.486	5.863	6.072	6.099	5.964	5.720	5.422	5.111	4.782
3291	32.90	4.390	3.875	3.191	2.349	1.418	0.506	-0.290	-0.935	-1.479	-2.041
3301	33.00	-2.754	-3.701	-4.861	-6.106	-7.242	-8.086	-8.529	-8.585	-8.374	-8.070
3311	33.10	-7.833	-7.752	-7.829	-7.997	-8.166	-8.272	-8.294	-8.258	-8.203	-8.157
3321	33.20	-8.116	-8.049	-7.912	-7.673	-7.325	-6.885	-6.383	-5.847	-5.296	-4.735
3331	33.30	-4.168	-3.600	-3.045	-2.527	-2.073	-1.708	-1.458	-1.340	-1.364	-1.515
3341	33.40	-1.749	-1.983	-2.106	-2.001	-1.579	-0.814	0.241	1.459	2.679	3.746
3351	33.50	4.557	5.083	5.356	5.445	5.420	5.323	5.164	4.933	4.622	4.241
3361	33.60	3.823	3.412	3.042	2.728	2.460	2.215	1.970	1.720	1.471	1.240
3371	33.70	1.040	0.870	0.725	0.599	0.500	0.451	0.487	0.636	0.906	1.273
3381	33.80	1.690	2.106	2.482	2.812	3.113	3.421	3.758	4.125	4.487	4.789
3391	33.90	4.966	4.971	4.784	4.420	3.925	3.361	2.797	2.297	1.908	1.655
3401	34.00	1.539	1.534	1.603	1.705	1.811	1.917	2.037	2.198	2.418	2.694
3411	34.10	2.996	3.274	3.477	3.574	3.559	3.456	3.299	3.111	2.897	2.632
3421	34.20	2.277	1.794	1.152	0.360	-0.644	-1.789	-3.079	-4.482	-5.939	-7.363
3431	34.30	-8.642	-9.666	-10.348	-10.654	-10.607	-10.272	-9.727	-9.033	-8.226	-7.320
3441	34.40	-6.333	-5.311	-4.334	-3.494	-2.859	-2.430	-2.127	-1.812	-1.345	-0.650
3451	34.50	0.233	1.152	1.890	2.249	2.142	1.636	0.941	0.348	0.125	0.425
3461	34.60	1.246	2.433	3.744	4.935	5.836	6.387	6.641	6.714	6.738	6.807
3471	34.70	6.956	7.162	7.365	7.495	7.501	7.358	7.069	6.660	6.162	5.605
3481	34.80	5.009	4.385	3.734	3.051	2.334	1.578	0.783	-0.048	-0.914	-1.806
3491	34.90	-2.706	-3.580	-4.383	-5.059	-5.558	-5.856	-5.963	-5.932	-5.841	-5.774

Table 7－13－8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 2021 501-GR-1-152 HA. (HA.) FUTTU CAPE MAX. ACC. = -320.307 (GAL) T= 10.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-5.787	-5.896	-6.067	-6.237	-6.344	-6.347	-6.254	-6.106	-5.966	-5.888
3511	35.10	-5.901	-5.998	-6.153	-6.337	-6.531	-6.733	-6.941	-7.143	-7.300	-7.350
3521	35.20	-7.228	-6.889	-6.332	-5.605	-4.791	-3.977	-3.232	-2.581	-2.012	-1.494
3531	35.30	-0.995	-0.506	-0.035	0.406	0.818	1.232	1.701	2.284	3.015	3.881
3541	35.40	4.815	5.713	6.470	7.009	7.308	7.406	7.381	7.324	7.307	7.368
3551	35.50	7.505	7.689	7.881	8.046	8.159	8.202	8.151	7.978	7.648	7.136
3561	35.60	6.440	5.597	4.684	3.808	3.079	2.577	2.330	2.298	2.388	2.488
3571	35.70	2.500	2.378	2.137	1.848	1.599	1.453	1.425	1.469	1.496	1.421
3581	35.80	1.190	0.814	0.355	-0.098	-0.469	-0.724	-0.886	-1.011	-1.160	-1.372
3591	35.90	-1.647	-1.960	-2.284	-2.612	-2.964	-3.377	-3.875	-4.442	-5.020	-5.526
3601	36.00	-5.887	-6.078	-6.132	-6.124	-6.128	-6.171	-6.208	-6.139	-5.854	-5.296
3611	36.10	-4.504	-3.617	-2.824	-2.297	-2.116	-2.236	-2.503	-2.717	-2.705	-2.385
3621	36.20	-1.784	-1.013	-0.211	0.506	1.077	1.496	1.784	1.956	2.013	1.941
3631	36.30	1.736	1.422	1.055	0.699	0.400	0.163	-0.051	-0.296	-0.601	-0.933
3641	36.40	-1.196	-1.262	-1.028	-0.466	0.343	1.235	2.013	2.519	2.690	2.568
3651	36.50	2.269	1.927	1.628	1.388	1.157	0.862	0.455	-0.050	-0.589	-1.069
3661	36.60	-1.423	-1.636	-1.749	-1.831	-1.937	-2.071	-2.178	-2.166	-1.953	-1.507
3671	36.70	-0.869	-0.143	0.543	1.084	1.426	1.579	1.592	1.527	1.430	1.317
3681	36.80	1.189	1.049	0.915	0.827	0.831	0.953	1.187	1.493	1.807	2.075
3691	36.90	2.272	2.408	2.524	2.660	2.839	3.053	3.270	3.453	3.585	3.678
3701	37.00	3.769	3.901	4.093	4.327	4.547	4.673	4.633	4.386	3.934	3.321
3711	37.10	2.616	1.883	1.174	0.510	-0.108	-0.695	-1.265	-1.824	-2.365	-2.873
3721	37.20	-3.327	-3.709	-4.006	-4.216	-4.349	-4.421	-4.453	-4.464	-4.463	-4.456
3731	37.30	-4.442	-4.427	-4.423	-4.451	-4.522	-4.631	-4.742	-4.793	-4.703	-4.409
3741	37.40	-3.890	-3.188	-2.403	-1.666	-1.099	-0.772	-0.683	-0.757	-0.882	-0.944
3751	37.50	-0.871	-0.652	-0.334	0.005	0.284	0.451	0.499	0.458	0.386	0.348
3761	37.60	0.398	0.568	0.865	1.266	1.729	2.199	2.622	2.958	3.185	3.303
3771	37.70	3.321	3.247	3.073	2.777	2.334	1.740	1.026	0.267	-0.437	-0.991
3781	37.80	-1.344	-1.517	-1.594	-1.695	-1.922	-2.312	-2.817	-3.312	-3.641	-3.680
3791	37.90	-3.377	-2.775	-1.987	-1.159	-0.411	0.191	0.646	1.000	1.310	1.617
3801	38.00	1.932	2.243	2.522	2.752	2.932	3.075	3.199	3.317	3.433	3.537
3811	38.10	3.618	3.660	3.649	3.569	3.405	3.148	2.807	2.414	2.032	1.740
3821	38.20	1.613	1.693	1.970	2.383	2.834	3.225	3.494	3.636	3.697	3.752
3831	38.30	3.866	4.059	4.299	4.512	4.615	4.555	4.328	3.981	3.585	3.200
3841	38.40	2.849	2.509	2.127	1.657	1.085	0.453	-0.159	-0.662	-0.993	-1.146
3851	38.50	-1.167	-1.136	-1.128	-1.184	-1.305	-1.464	-1.645	-1.869	-2.201	-2.728
3861	38.60	-3.512	-4.552	-5.756	-6.962	-7.987	-8.696	-9.049	-9.112	-9.021	-8.921
3871	38.70	-8.894	-8.933	-8.951	-8.837	-8.522	-8.025	-7.446	-6.924	-6.558	-6.353
3881	38.80	-6.204	-5.940	-5.407	-4.547	-3.445	-2.308	-1.379	-0.842	-0.729	-0.908
3891	38.90	-1.126	-1.115	-0.699	0.130	1.217	2.301	3.124	3.530	3.513	3.212
3901	39.00	2.847	2.634	2.710	3.102	3.734	4.478	5.197	5.793	6.217	6.463
3911	39.10	6.546	6.488	6.304	6.003	5.594	5.088	4.499	3.846	3.146	2.421
3921	39.20	1.701	1.024	0.434	-0.031	-0.354	-0.545	-0.641	-0.692	-0.739	-0.795
3931	39.30	-0.839	-0.826	-0.706	-0.457	-0.093	0.330	0.738	1.063	1.270	1.370
3941	39.40	1.407	1.444	1.528	1.678	1.879	2.087	2.257	2.353	2.362	2.294
3951	39.50	2.171	2.018	1.850	1.678	1.506	1.340	1.191	1.077	1.014	1.014
3961	39.60	1.076	1.186	1.323	1.454	1.551	1.585	1.536	1.394	1.159	0.843
3971	39.70	0.466	0.057	-0.358	-0.756	-1.128	-1.474	-1.805	-2.132	-2.461	-2.787
3981	39.80	-3.095	-3.367	-3.582	-3.733	-3.820	-3.855	-3.848	-3.807	-3.732	-3.614
3991	39.90	-3.447	-3.230	-2.974	-2.701	-2.438	-2.206	-2.013	-1.854	-1.714	-1.578

Table 7-13-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 2021 501-GR-1-152 HA. (HA.) FUTTU CAPE MAX. ACC. = -320.307 (GAL) T= 10.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.438	-1.297	-1.167	-1.058	-0.973	-0.908	-0.850	-0.791	-0.733	-0.691
4011	40.10	-0.690	-0.747	-0.864	-1.018	-1.175	-1.295	-1.359	-1.372	-1.366	-1.380
4021	40.20	-1.442	-1.553	-1.684	-1.786	-1.813	-1.742	-1.581	-1.360	-1.116	-0.870
4031	40.30	-0.622	-0.353	-0.044	0.313	0.699	1.078	1.413	1.684	1.894	2.072
4041	40.40	2.247	2.435	2.625	2.784	2.873	2.866	2.765	2.591	2.379	2.157
4051	40.50	1.939	1.730	1.543	1.406	1.363	1.456	1.697	2.048	2.419	2.696
4061	40.60	2.784	2.647	2.329	1.931	1.566	1.306	1.149	1.025	0.840	0.538
4071	40.70	0.141	-0.239	-0.449	-0.366	0.037	0.665	1.324	1.795	1.919	1.660
4081	40.80	1.111	0.451	-0.130	-0.504	-0.645	-0.612	-0.505	-0.403	-0.325	-0.229
4091	40.90	-0.042	0.291	0.772	1.343	1.909	2.381	2.706	2.886	2.963	2.986
4101	41.00	2.982	2.937	2.806	2.536	2.097	1.499	0.797	0.070	-0.602	-1.163
4111	41.10	-1.592	-1.904	-2.136	-2.334	-2.544	-2.796	-3.105	-3.463	-3.836	-4.163
4121	41.20	-4.372	-4.392	-4.187	-3.776	-3.245	-2.729	-2.381	-2.313	-2.553	-3.024
4131	41.30	-3.560	-3.951	-4.022	-3.693	-3.013	-2.151	-1.333	-0.766	-0.563	-0.703
4141	41.40	-1.043	-1.372	-1.488	-1.265	-0.693	0.132	1.056	1.915	2.596	3.045
4151	41.50	3.269	3.302	3.183	2.941	2.599	2.188	1.762	1.393	1.153	1.094
4161	41.60	1.223	1.498	1.852	2.216	2.547	2.844	3.134	3.453	3.817	4.209
4171	41.70	4.578	4.859	4.993	4.949	4.721	4.329	3.803	3.175	2.482	1.767
4181	41.80	1.076	0.459	-0.054	-0.459	-0.791	-1.109	-1.473	-1.917	-2.432	-2.966
4191	41.90	-3.446	-3.813	-4.043	-4.156	-4.203	-4.235	-4.277	-4.326	-4.361	-4.368
4201	42.00	-4.360	-4.377	-4.461	-4.625	-4.821	-4.944	-4.867	-4.494	-3.812	-2.912
4211	42.10	-1.961	-1.142	-0.584	-0.306	-0.216	-0.153	0.034	0.423	0.977	1.572
4221	42.20	2.052	2.304	2.316	2.184	2.070	2.136	2.468	3.043	3.730	4.341
4231	42.30	4.701	4.707	4.356	3.740	2.999	2.268	1.637	1.127	0.703	0.307
4241	42.40	-0.107	-0.545	-0.963	-1.290	-1.452	-1.406	-1.161	-0.775	-0.338	0.063
4251	42.50	0.367	0.563	0.675	0.749	0.818	0.883	0.910	0.842	0.632	0.267
4261	42.60	-0.216	-0.735	-1.168	-1.481	-1.564	-1.435	-1.142	-0.765	-0.394	-0.113
4271	42.70	0.014	-0.051	-0.312	-0.738	-1.252	-1.742	-2.080	-2.155	-1.914	-1.390
4281	42.80	-0.712	-0.069	0.337	0.364	-0.025	-0.744	-1.610	-2.404	-2.943	-3.133
4291	42.90	-2.990	-2.622	-2.176	-1.783	-1.520	-1.390	-1.342	-1.303	-1.210	-1.035
4301	43.00	-0.788	-0.504	-0.227	0.004	0.169	0.260	0.280	0.234	0.133	-0.012
4311	43.10	-0.186	-0.368	-0.544	-0.703	-0.841	-0.963	-1.071	-1.162	-1.221	-1.222
4321	43.20	-1.142	-0.969	-0.712	-0.401	-0.085	0.188	0.382	0.486	0.510	0.484
4331	43.30	0.440	0.399	0.367	0.337	0.296	0.241	0.184	0.158	0.204	0.364
4341	43.40	0.664	1.101	1.643	2.239	2.826	3.354	3.791	4.138	4.420	4.678
4351	43.50	4.950	5.257	5.588	5.906	6.153	6.271	6.227	6.022	5.699	5.328
4361	43.60	4.988	4.736	4.591	4.530	4.500	4.440	4.307	4.092	3.815	3.517
4371	43.70	3.225	2.945	2.647	2.283	1.808	1.205	0.501	-0.240	-0.938	-1.527
4381	43.80	-1.974	-2.292	-2.525	-2.725	-2.928	-3.139	-3.336	-3.484	-3.560	-3.570
4391	43.90	-3.547	-3.545	-3.610	-3.764	-3.991	-4.245	-4.465	-4.602	-4.635	-4.578
4401	44.00	-4.474	-4.379	-4.339	-4.375	-4.476	-4.603	-4.703	-4.728	-4.649	-4.465
4411	44.10	-4.206	-3.918	-3.646	-3.414	-3.219	-3.029	-2.799	-2.494	-2.101	-1.647
4421	44.20	-1.185	-0.776	-0.466	-0.258	-0.132	-0.038	0.064	0.187	0.307	0.380
4431	44.30	0.367	0.264	0.119	0.018	0.053	0.283	0.701	1.231	1.758	2.167
4441	44.40	2.389	2.421	2.315	2.144	1.954	1.745	1.468	1.065	0.512	-0.148
4451	44.50	-0.797	-1.282	-1.468	-1.301	-0.826	-0.182	0.457	0.943	1.208	1.274
4461	44.60	1.234	1.192	1.214	1.298	1.380	1.379	1.240	0.975	0.660	0.413
4471	44.70	0.336	0.479	0.820	1.271	1.723	2.084	2.312	2.419	2.454	2.471
4481	44.80	2.502	2.549	2.588	2.588	2.532	2.421	2.276	2.120	1.969	1.824
4491	44.90	1.681	1.535	1.392	1.269	1.183	1.140	1.123	1.098	1.024	0.875

Table 7-13-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2021 501-GR-1-152 HA. (HA.) FUTTU CAPE MAX. ACC. = -320.307 (GAL) T= 10.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.654	0.395	0.149	-0.039	-0.153	-0.215	-0.281	-0.417	-0.664	-1.023
4511	45.10	-1.444	-1.842	-2.122	-2.216	-2.100	-1.802	-1.393	-0.958	-0.577	-0.302
4521	45.20	-0.154	-0.122	-0.184	-0.313	-0.493	-0.717	-0.988	-1.306	-1.663	-2.035
4531	45.30	-2.381	-2.652	-2.803	-2.804	-2.652	-2.369	-2.001	-1.598	-1.207	-0.857
4541	45.40	-0.559	-0.312	-0.107	0.058	0.188	0.287	0.369	0.461	0.592	0.782
4551	45.50	1.029	1.298	1.527	1.649	1.618	1.430	1.129	0.792	0.496	0.292
4561	45.60	0.181	0.122	0.054	-0.069	-0.257	-0.474	-0.662	-0.767	-0.773	-0.707
4571	45.70	-0.632	-0.610	-0.678	-0.822	-0.987	-1.103	-1.114	-1.001	-0.791	-0.530
4581	45.80	-0.266	-0.022	0.206	0.439	0.690	0.950	1.185	1.347	1.402	1.344
4591	45.90	1.203	1.030	0.873	0.753	0.658	0.548	0.377	0.117	-0.233	-0.645
4601	46.00	-1.077	-1.488	-1.846	-2.132	-2.325	-2.404	-2.340	-2.114	-1.731	-1.226
4611	46.10	-0.669	-0.137	0.302	0.618	0.824	0.961	1.071	1.178	1.264	1.286
4621	46.20	1.195	0.968	0.626	0.235	-0.122	-0.369	-0.477	-0.465	-0.397	-0.348
4631	46.30	-0.377	-0.502	-0.698	-0.918	-1.111	-1.253	-1.347	-1.423	-1.508	-1.611
4641	46.40	-1.708	-1.749	-1.677	-1.462	-1.116	-0.699	-0.307	-0.039	0.040	-0.080
4651	46.50	-0.350	-0.680	-0.974	-1.166	-1.239	-1.224	-1.177	-1.150	-1.159	-1.179
4661	46.60	-1.154	-1.029	-0.777	-0.415	-0.001	0.397	0.721	0.951	1.107	1.227
4671	46.70	1.345	1.472	1.588	1.666	1.690	1.678	1.685	1.779	2.009	2.303
4681	46.80	2.850	3.327	3.724	3.987	4.116	4.156	4.174	4.218	4.298	4.381
4691	46.90	4.413	4.351	4.187	3.956	3.716	3.520	3.388	3.301	3.210	3.064
4701	47.00	2.838	2.544	2.227	1.943	1.734	1.608	1.542	1.493	1.422	1.305
4711	47.10	1.143	0.951	0.749	0.547	0.343	0.126	-0.117	-0.395	-0.707	-1.049
4721	47.20	-1.411	-1.778	-2.128	-2.433	-2.657	-2.770	-2.756	-2.629	-2.436	-2.242
4731	47.30	-2.120	-2.121	-2.259	-2.509	-2.817	-3.120	-3.370	-3.547	-3.662	-3.748
4741	47.40	-3.842	-3.969	-4.140	-4.344	-4.561	-4.764	-4.928	-5.033	-5.068	-5.028
4751	47.50	-4.916	-4.748	-4.544	-4.327	-4.115	-3.916	-3.722	-3.520	-3.293	-3.034
4761	47.60	-2.749	-2.455	-2.174	-1.923	-1.705	-1.507	-1.309	-1.094	-0.856	-0.606
4771	47.70	-0.367	-0.161	0.003	0.138	0.276	0.458	0.718	1.066	1.487	1.941
4781	47.80	2.381	2.766	3.079	3.324	3.524	3.702	3.871	4.028	4.157	4.244
4791	47.90	4.282	4.282	4.265	4.254	4.259	4.266	4.242	4.149	3.963	3.687
4801	48.00	3.362	3.047	2.804	2.668	2.640	2.681	2.730	2.735	2.669	2.544
4811	48.10	2.405	2.309	2.303	2.398	2.570	2.764	2.915	2.970	2.906	2.731
4821	48.20	2.481	2.203	1.939	1.712	1.523	1.354	1.178	0.970	0.716	0.416
4831	48.30	0.085	-0.254	-0.583	-0.890	-1.174	-1.437	-1.686	-1.920	-2.139	-2.346
4841	48.40	-2.555	-2.795	-3.100	-3.500	-3.998	-4.556	-5.099	-5.535	-5.789	-5.840
4851	48.50	-5.732	-5.572	-5.487	-5.570	-5.843	-6.236	-6.610	-6.811	-6.732	-6.355
4861	48.60	-5.756	-5.073	-4.445	-3.957	-3.613	-3.345	-3.060	-2.690	-2.226	-1.728
4871	48.70	-1.286	-0.977	-0.821	-0.773	-0.743	-0.640	-0.416	-0.086	0.280	0.597
4881	48.80	0.807	0.908	0.958	1.044	1.239	1.573	2.014	2.485	2.903	3.212
4891	48.90	3.408	3.533	3.650	3.812	4.031	4.272	4.469	4.552	4.482	4.267
4901	49.00	3.968	3.673	3.471	3.424	3.541	3.783	4.073	4.320	4.451	4.426
4911	49.10	4.251	3.967	3.636	3.319	3.059	2.869	2.737	2.630	2.512	2.353
4921	49.20	2.141	1.880	1.588	1.296	1.033	0.825	0.688	0.616	0.583	0.541
4931	49.30	0.427	0.187	-0.213	-0.761	-1.395	-2.016	-2.513	-2.798	-2.833	-2.644
4941	49.40	-2.312	-1.941	-1.625	-1.414	-1.310	-1.272	-1.247	-1.196	-1.111	-1.012
4951	49.50	-0.932	-0.896	-0.904	-0.932	-0.946	-0.923	-0.859	-0.779	-0.713	-0.682
4961	49.60	-0.680	-0.676	-0.622	-0.488	-0.278	-0.042	0.139	0.181	0.032	-0.303
4971	49.70	-0.759	-1.236	-1.632	-1.882	-1.980	-1.980	-1.968	-2.027	-2.202	-2.478
4981	49.80	-2.790	-3.042	-3.144	-3.044	-2.743	-2.293	-1.779	-1.287	-0.887	-0.611
4991	49.90	-0.460	-0.411	-0.428	-0.477	-0.524	-0.539	-0.489	-0.350	-0.107	0.227

Table 7-13-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 2021 501-GR-1-152 HA. (HA.) FUTTU CAPE MAX. ACC. = -320.307 (GAL) T= 10.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.606	0.955	1.187	1.233	1.068	0.726	0.300	-0.088	-0.322	-0.336
5011	50.10	-0.122	0.251	0.681	1.063	1.328	1.461	1.502	1.517	1.573	1.706
5021	50.20	1.911	2.144	2.338	2.433	2.385	2.188	1.867	1.470	1.058	0.688
5031	50.30	0.399	0.200	0.073	-0.030	-0.164	-0.378	-0.691	-1.082	-1.492	-1.840
5041	50.40	-2.055	-2.098	-1.977	-1.743	-1.470	-1.218	-1.020	-0.868	-0.728	-0.571
5051	50.50	-0.392	-0.224	-0.123	-0.142	-0.293	-0.530	-0.758	-0.858	-0.736	-0.360
5061	50.60	0.227	0.920	1.593	2.143	2.524	2.752	2.883	2.975	3.056	3.106
5071	50.70	3.077	2.919	2.617	2.214	1.805	1.498	1.382	1.480	1.745	2.072
5081	50.80	2.338	2.449	2.371	2.134	1.813	1.488	1.211	0.990	0.790	0.564
5091	50.90	0.279	-0.059	-0.405	-0.695	-0.877	-0.937	-0.911	-0.871	-0.903	-1.065
5101	51.00	-1.375	-1.800	-2.276	-2.732	-3.119	-3.420	-3.646	-3.818	-3.946	-4.023
5111	51.10	-4.022	-3.913	-3.682	-3.347	-2.950	-2.569	-2.196	-1.917	-1.707	-1.543
5121	51.20	-1.395	-1.247	-1.105	-0.988	-0.914	-0.880	-0.856	-0.794	-0.641	-0.372
5131	51.30	-0.001	0.420	0.814	1.115	1.287	1.343	1.335	1.331	1.388	1.525
5141	51.40	1.722	1.925	2.071	2.116	2.045	1.875	1.649	1.410	1.197	1.026
5151	51.50	0.898	0.799	0.709	0.605	0.461	0.259	-0.015	-0.360	-0.752	-1.151
5161	51.60	-1.504	-1.767	-1.916	-1.962	-1.951	-1.942	-1.990	-2.122	-2.322	-2.542
5171	51.70	-2.711	-2.772	-2.693	-2.485	-2.191	-1.869	-1.575	-1.338	-1.162	-1.029
5181	51.80	-0.907	-0.769	-0.601	-0.405	-0.196	0.006	0.180	0.314	0.408	0.473
5191	51.90	0.531	0.611	0.740	0.940	1.226	1.599	2.055	2.583	3.168	3.784
5201	52.00	4.395	4.948	5.379	5.627	5.655	5.469	5.128	4.732	4.397	4.213
5211	52.10	4.213	4.356	4.545	4.662	4.617	4.381	3.999	3.567	3.184	2.915
5221	52.20	2.759	2.660	2.537	2.327	2.016	1.644	1.278	0.974	0.741	0.531
5231	52.30	0.257	-0.162	-0.757	-1.490	-2.256	-2.923	-3.386	-3.602	-3.603	-3.482
5241	52.40	-3.346	-3.276	-3.303	-3.606	-3.538	-3.654	-3.738	-3.805	-3.892	-4.025
5251	52.50	-4.209	-4.418	-4.606	-4.725	-4.744	-4.659	-4.486	-4.254	-3.994	-3.731
5261	52.60	-3.492	-3.307	-3.208	-3.220	-3.351	-3.571	-3.820	-4.013	-4.071	-3.947
5271	52.70	-3.644	-3.214	-2.740	-2.301	-1.947	-1.685	-1.486	-1.309	-1.117	-0.898
5281	52.80	-0.660	-0.423	-0.200	0.014	0.236	0.484	0.768	1.075	1.384	1.669
5291	52.90	1.920	2.144	2.361	2.592	2.845	3.110	3.366	3.601	3.816	4.031
5301	53.00	4.273	4.555	4.864	5.156	5.377	5.483	5.470	5.370	5.240	5.127
5311	53.10	5.042	4.951	4.789	4.498	4.063	3.532	2.998	2.567	2.307	2.223
5321	53.20	2.251	2.297	2.281	2.175	2.011	1.852	1.748	1.699	1.642	1.479
5331	53.30	1.126	0.561	-0.154	-0.888	-1.496	-1.874	-2.003	-1.947	-1.820	-1.737
5341	53.40	-1.760	-1.891	-2.085	-2.284	-2.457	-2.611	-2.775	-2.974	-3.195	-3.386
5351	53.50	-3.470	-3.382	-3.107	-2.691	-2.229	-1.825	-1.557	-1.446	-1.463	-1.546
5361	53.60	-1.638	-1.712	-1.776	-1.856	-1.979	-2.149	-2.347	-2.539	-2.695	-2.807
5371	53.70	-2.886	-2.951	-3.013	-3.061	-3.066	-2.990	-2.811	-2.533	-2.189	-1.828
5381	53.80	-1.492	-1.206	-0.965	-0.745	-0.520	-0.275	-0.010	0.262	0.528	0.787
5391	53.90	1.052	1.347	1.687	2.074	2.486	2.887	3.241	3.522	3.731	3.886
5401	54.00	4.015	4.138	4.259	4.356	4.395	4.337	4.154	3.840	3.411	2.904
5411	54.10	2.364	1.833	1.341	0.905	0.523	0.185	-0.125	-0.420	-0.705	-0.977
5421	54.20	-1.227	-1.445	-1.623	-1.761	-1.867	-1.951	-2.023	-2.091	-2.155	-2.210
5431	54.30	-2.253	-2.276	-2.275	-2.244	-2.172	-2.049	-1.861	-1.606	-1.293	-0.945
5441	54.40	-0.596	-0.279	-0.011	0.212	0.418	0.646	0.929	1.279	1.677	2.076
5451	54.50	2.416	2.645	2.737	2.697	2.554	2.351	2.124	1.890	1.648	1.388
5461	54.60	1.100	0.788	0.473	0.181	-0.059	-0.237	-0.358	-0.446	-0.530	-0.633
5471	54.70	-0.766	-0.923	-1.089	-1.251	-1.403	-1.548	-1.697	-1.857	-2.027	-2.195
5481	54.80	-2.340	-2.442	-2.492	-2.495	-2.474	-2.458	-2.474	-2.535	-2.633	-2.746
5491	54.90	-2.841	-2.889	-2.870	-2.786	-2.649	-2.484	-2.315	-2.155	-2.010	-1.872

Table 7-13-12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 2021 501-GR-1-152 HA. (HA.) FUTTU CAPE MAX. ACC. = -320.307 (GAL) T= 10.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.727	-1.563	-1.370	-1.151	-0.916	-0.683	-0.471	-0.294	-0.156	-0.051
5511	55.10	0.038	0.132	0.247	0.389	0.552	0.718	0.866	0.985	1.080	1.174
5521	55.20	1.301	1.493	1.763	2.101	2.466	2.810	3.088	3.281	3.404	3.497
5531	55.30	3.608	3.776	4.008	4.274	4.523	4.695	4.748	4.667	4.469	4.192
5541	55.40	3.882	3.575	3.295	3.049	2.836	2.651	2.484	2.327	2.166	1.988
5551	55.50	1.781	1.545	1.294	1.054	0.854	0.714	0.635	0.596	0.562	0.498
5561	55.60	0.383	0.223	0.042	-0.122	-0.237	-0.289	-0.288	-0.259	-0.233	-0.236
5571	55.70	-0.277	-0.353	-0.450	-0.555	-0.658	-0.754	-0.844	-0.930	-1.014	-1.097
5581	55.80	-1.177	-1.252	-1.313	-1.351	-1.353	-1.310	-1.225	-1.112	-1.003	-0.931
5591	55.90	-0.924	-0.988	-1.106	-1.241	-1.350	-1.408	-1.412	-1.390	-1.383	-1.429
5601	56.00	-1.542	-1.708	-1.892	-2.054	-2.168	-2.231	-2.268	-2.310	-2.382	-2.486
5611	56.10	-2.600	-2.688	-2.717	-2.667	-2.543	-2.371	-2.183	-2.009	-1.865	-1.754
5621	56.20	-1.670	-1.601	-1.536	-1.463	-1.371	-1.248	-1.090	-0.897	-0.684	-0.473
5631	56.30	-0.288	-0.140	-0.025	0.083	0.219	0.406	0.643	0.896	1.103	1.196
5641	56.40	1.126	0.885	0.509	0.072	-0.338	-0.655	-0.846	-0.923	-0.930	-0.920
5651	56.50	-0.935	-0.988	-1.065	-1.134	-1.161	-1.128	-1.036	-0.903	-0.754	-0.609
5661	56.60	-0.479	-0.360	-0.244	-0.122	0.006	0.135	0.258	0.373	0.482	0.597
5671	56.70	0.728	0.880	1.047	1.214	1.365	1.488	1.584	1.666	1.750	1.845
5681	56.80	1.945	2.030	2.071	2.049	1.964	1.836	1.704	1.602	1.547	1.525
5691	56.90	1.499	1.427	1.289	1.103	0.923	0.826	0.878	1.098	1.451	1.845
5701	57.00	2.166	2.316	2.247	1.982	1.597	1.197	0.878	0.692	0.640	0.677
5711	57.10	0.741	0.772	0.738	0.635	0.481	0.301	0.117	-0.059	-0.222	-0.364
5721	57.20	-0.475	-0.539	-0.540	-0.474	-0.347	-0.181	-0.002	0.163	0.301	0.409
5731	57.30	0.495	0.569	0.633	0.681	0.695	0.655	0.544	0.357	0.105	-0.192
5741	57.40	-0.500	-0.784	-1.012	-1.155	-1.197	-1.138	-0.992	-0.793	-0.589	-0.432
5751	57.50	-0.365	-0.406	-0.548	-0.750	-0.958	-1.120	-1.206	-1.220	-1.194	-1.178
5761	57.60	-1.215	-1.322	-1.483	-1.657	-1.797	-1.876	-1.900	-1.907	-1.952	-2.075
5771	57.70	-2.284	-2.542	-2.780	-2.926	-2.931	-2.790	-2.543	-2.255	-1.980	-1.743
5781	57.80	-1.528	-1.285	-0.963	-0.535	-0.014	0.547	1.083	1.541	1.904	2.192
5791	57.90	2.452	2.723	3.022	3.326	3.590	3.764	3.821	3.770	3.650	3.514
5801	58.00	3.400	3.315	3.234	3.121	2.945	2.703	2.425	2.158	1.942	1.791
5811	58.10	1.684	1.574	1.412	1.173	0.866	0.535	0.233	-0.005	-0.176	-0.315
5821	58.20	-0.474	-0.695	-0.988	-1.319	-1.632	-1.867	-1.997	-2.039	-2.050	-2.098
5831	58.30	-2.232	-2.450	-2.701	-2.898	-2.956	-2.825	-2.515	-2.086	-1.632	-1.242
5841	58.40	-0.972	-0.830	-0.783	-0.776	-0.758	-0.698	-0.590	-0.452	-0.304	-0.166
5851	58.50	-0.047	0.048	0.122	0.175	0.213	0.243	0.281	0.345	0.446	0.581
5861	58.60	0.726	0.844	0.891	0.840	0.690	0.474	0.243	0.053	-0.058	-0.087
5871	58.70	-0.059	-0.017	-0.002	-0.037	-0.119	-0.228	-0.336	-0.426	-0.498	-0.567
5881	58.80	-0.655	-0.774	-0.918	-1.063	-1.177	-1.228	-1.198	-1.092	-0.931	-0.751
5891	58.90	-0.585	-0.460	-0.392	-0.380	-0.414	-0.475	-0.538	-0.579	-0.580	-0.530
5901	59.00	-0.430	-0.295	-0.144	-0.001	0.117	0.207	0.275	0.336	0.407	0.500
5911	59.10	0.614	0.742	0.869	0.978	1.059	1.107	1.127	1.125	1.109	1.089
5921	59.20	1.070	1.057	1.054	1.066	1.089	1.130	1.185	1.250	1.319	1.384
5931	59.30	1.435	1.464	1.463	1.428	1.357	1.256	1.130	0.992	0.849	0.709
5941	59.40	0.577	0.455	0.338	0.225	0.106	-0.025	-0.176	-0.356	-0.565	-0.801
5951	59.50	-1.050	-1.296	-1.518	-1.697	-1.822	-1.887	-1.893	-1.846	-1.750	-1.610
5961	59.60	-1.435	-1.236	-1.035	-0.858	-0.728	-0.656	-0.633	-0.631	-0.606	-0.515
5971	59.70	-0.331	-0.054	0.283	0.631	0.935	1.158	1.289	1.344	1.357	1.360
5981	59.80	1.373	1.389	1.388	1.337	1.217	1.029	0.794	0.555	0.353	0.220
5991	59.90	0.165	0.172	0.211	0.248	0.259	0.237	0.192	0.140	0.095	0.059

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

INDEX NO. 2021 501-GR-1-152 HA. (HA.) FUTTU CAPE MAX. ACC. = -320.307 (GAL) T= 10.96 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.022	-0.035	-0.125	-0.246	-0.375	-0.474	-0.501	-0.427	-0.254	-0.011
6011	60.10	0.248	0.470	0.617	0.679	0.680	0.659	0.653	0.682	0.737	0.787
6021	60.20	0.800	0.751	0.642	0.496	0.343	0.211	0.105	0.015	-0.082	-0.202
6031	60.30	-0.346	-0.497	-0.626	-0.713	-0.754	-0.773	-0.804	-0.879	-1.013	-1.186
6041	60.40	-1.357	-1.475	-1.502	-1.429	-1.277	-1.091	-0.918	-0.789	-0.712	-0.671
6051	60.50	-0.660	-0.596	-0.533	-0.461	-0.399	-0.363	-0.354	-0.359	-0.358	-0.332
6061	60.60	-0.277	-0.207	-0.151	-0.140	-0.197	-0.322	-0.493	-0.674	-0.827	-0.921
6071	60.70	-0.945	-0.905	-0.820	-0.713	-0.600	-0.485	-0.369	-0.246	-0.119	0.002
6081	60.80	0.098	0.147	0.134	0.057	-0.069	-0.217	-0.356	-0.459	-0.516	-0.532
6091	60.90	-0.528	-0.530	-0.556	-0.616	-0.699	-0.784	-0.841	-0.849	-0.799	-0.700
6101	61.00	-0.575	-0.455	-0.365	-0.319	-0.311	-0.322	-0.323	-0.289	-0.209	-0.090
6111	61.10	0.048	0.180	0.284	0.354	0.397	0.433	0.478	0.541	0.617	0.692
6121	61.20	0.748	0.779	0.795	0.819	0.878	0.989	1.152	1.346	1.536	1.691
6131	61.30	1.792	1.846	1.874	1.906	1.960	2.037	2.119	2.176	2.182	2.127
6141	61.40	2.019	1.879	1.729	1.585	1.444	1.296	1.127	0.933	0.724	0.520
6151	61.50	0.345	0.210	0.113	0.035	-0.047	-0.150	-0.274	-0.403	-0.515	-0.592
6161	61.60	-0.634	-0.664	-0.718	-0.828	-1.004	-1.226	-1.440	-1.580	-1.588	-1.438
6171	61.70	-1.150	-0.788	-0.437	-0.177	-0.060	-0.091	-0.235	-0.432	-0.623	-0.771
6181	61.80	-0.867	-0.930	-0.986	-1.053	-1.126	-1.182	-1.188	-1.119	-0.971	-0.766
6191	61.90	-0.545	-0.347	-0.198	-0.096	-0.022	0.057	0.166	0.313	0.486	0.659
6201	62.00	0.807	0.912	0.977	1.015	1.046	1.086	1.138	1.196	1.248	1.283
6211	62.10	1.298	1.299	1.299	1.312	1.349	1.410	1.487	1.565	1.625	1.650
6221	62.20	1.630	1.563	1.461	1.339	1.217	1.109	1.020	0.942	0.859	0.756
6231	62.30	0.625	0.473	0.316	0.172	0.052	-0.049	-0.150	-0.277	-0.444	-0.649
6241	62.40	-0.865	-1.057	-1.191	-1.259	-1.282	-1.303	-1.373	-1.519	-1.739	-1.991
6251	62.50	-2.217	-2.368	-2.422	-2.399	-2.350	-2.334	-2.388	-2.512	-2.665	-2.786
6261	62.60	-2.818	-2.730	-2.532	-2.267	-1.991	-1.752	-1.574	-1.451	-1.359	-1.266
6271	62.70	-1.149	-0.999	-0.817	-0.611	-0.386	-0.149	0.098	0.348	0.589	0.808
6281	62.80	0.996	1.156	1.300	1.452	1.631	1.847	2.093	2.351	2.592	2.795
6291	62.90	2.949	3.058	3.135	3.194	3.246	3.294	3.337	3.376	3.416	3.462
6301	63.00	3.518	3.581	3.634	3.652	3.613	3.502	3.321	3.087	2.824	2.552
6311	63.10	2.274	1.984	1.665	1.308	0.921	0.528	0.165	-0.140	-0.378	-0.569
6321	63.20	-0.755	-0.984	-1.288	-1.667	-2.090	-2.501	-2.845	-3.086	-3.221	-3.283
6331	63.30	-3.318	-3.377	-3.489	-3.656	-3.858	-4.064	-4.250	-4.404	-4.533	-4.650
6341	63.40	-4.771	-4.895	-5.007	-5.078	-5.081	-4.996	-4.827	-4.594	-4.338	-4.095
6351	63.50	-3.894	-3.740	-3.617	-3.491	-3.328	-3.105	-2.819	-2.490	-2.150	-1.832
6361	63.60	-1.559	-1.333	-1.142	-0.959	-0.764	-0.546	-0.311	-0.075	0.143	0.332
6371	63.70	0.494	0.644	0.804	0.996	1.230	1.502	1.795	2.084	2.343	2.553
6381	63.80	2.705	2.801	2.852	2.871	2.875	2.877	2.888	2.915	2.963	3.036
6391	63.90	3.136	3.258	3.394	3.523	3.623	3.667	3.641	3.545	3.398	3.230
6401	64.00	3.070	2.933	2.807	2.665	2.469	2.199	1.866	1.504	1.178	0.941
6411	64.10	0.814	0.780	0.788	0.775	0.700	0.553	0.365	0.180	0.036	-0.055
6421	64.20	-0.107	-0.144	-0.176	-0.189	-0.145	-0.015	0.198	0.438	0.612	0.623
6431	64.30	0.418	0.018	-0.478	-0.934	-1.229	-1.310	-1.210	-1.026	-0.872	-0.827
6441	64.40	-0.905	-1.059	-1.218	-1.326	-1.368	-1.365	-1.351	-1.339	-1.310	-1.223
6451	64.50	-1.052	-0.809	-0.558	-0.383	-0.352	-0.472	-0.682	-0.875	-0.950	-0.860
6461	64.60	-0.630	-0.339	-0.075	0.117	0.246	0.364	0.518	0.715	0.912	1.039
6471	64.70	1.050	0.961	0.852	0.827	0.949	1.203	1.490	1.684	1.711	1.601
6481	64.80	1.485	1.527	1.826	2.340	2.890	3.246	3.257	2.958	2.584	2.460
6491	64.90	2.833	3.705	4.770	5.508	5.402	4.180	1.974	-0.686	-3.068	-4.518

Table 7-14-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 2022 501-GR-1-152 U-D (U-D) FUTTU CAPE MAX. ACC. = -33.193 (GAL) T= 11.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.703	5.061	5.605	5.220	4.135	2.823	1.778	1.296	1.346	1.603
11	0.10	1.630	1.113	0.037	-1.282	-2.324	-2.599	-1.869	-0.266	1.753	3.578
21	0.20	4.674	4.767	3.907	2.414	0.726	-0.761	-1.806	-2.362	-2.526	-2.459
31	0.30	-2.299	-2.101	-1.836	-1.411	-0.729	0.244	1.434	2.636	3.553	3.877
41	0.40	3.411	2.177	0.461	-1.236	-2.359	-2.502	-1.593	0.043	1.780	2.929
51	0.50	3.025	2.036	0.405	-1.117	-1.787	-1.194	0.545	2.805	4.694	5.408
61	0.60	4.559	2.329	-0.602	-3.317	-5.008	-5.252	-4.126	-2.131	0.034	1.726
71	0.70	2.557	2.465	1.661	0.503	-0.650	-1.529	-1.991	-1.994	-1.559	-0.745
81	0.80	0.360	1.620	2.835	3.748	4.093	3.661	2.389	0.420	-1.889	-4.025
91	0.90	-5.450	-5.772	-4.892	-3.080	-0.923	0.853	1.646	1.221	-0.163	-1.810
101	1.00	-2.851	-2.596	-0.862	1.891	4.688	6.403	6.231	4.054	0.544	-3.068
111	1.10	-5.470	-5.810	-4.058	-1.021	1.987	3.712	3.488	1.521	-1.219	-3.437
121	1.20	-4.094	-2.867	-0.286	2.500	4.231	4.078	1.982	-1.342	-4.735	-7.071
131	1.30	-7.686	-6.565	-4.241	-1.478	1.075	3.098	4.589	5.682	6.408	6.565
141	1.40	5.783	3.754	0.512	-3.406	-7.028	-9.248	-9.252	-6.868	-2.704	2.029
151	1.50	5.927	7.888	7.490	5.105	1.727	-1.423	-3.333	-3.523	-2.139	0.172
161	1.60	2.550	4.230	4.767	4.110	2.541	0.517	-1.493	-3.130	-4.196	-4.662
171	1.70	-4.525	-3.951	-3.041	-1.915	-0.689	0.520	1.594	2.417	2.891	2.954
181	1.80	2.601	1.893	0.960	-0.013	-0.825	-1.302	-1.344	-0.954	-0.249	0.568
191	1.90	1.251	1.580	1.412	0.737	-0.314	-1.490	-2.481	-3.004	-2.897	-2.178
201	2.00	-1.058	0.119	0.991	1.312	1.054	0.422	-0.223	-0.522	-0.278	0.436
211	2.10	1.294	1.856	1.769	0.945	-0.375	-1.703	-2.513	-2.479	-1.627	-0.340
221	2.20	0.808	1.308	0.949	-0.087	-1.311	-2.152	-2.221	-1.488	-0.293	0.822
231	2.30	1.363	1.117	0.243	-0.804	-1.490	-1.442	-0.621	0.667	1.905	2.585
241	2.40	2.421	1.456	0.040	-1.316	-2.137	-2.145	-1.352	-0.031	1.382	2.433
251	2.50	2.789	2.327	1.161	-0.398	-1.934	-3.043	-3.450	-3.087	-2.110	-0.847
261	2.60	0.318	1.073	1.283	1.031	0.571	0.209	0.175	0.518	1.094	1.628
271	2.70	1.841	1.580	0.895	0.024	-0.702	-0.991	-0.720	0.010	0.908	1.595
281	2.80	1.757	1.259	0.206	-1.092	-2.222	-2.813	-2.668	-1.825	-0.550	0.764
291	2.90	1.734	2.117	1.892	1.252	0.516	-0.005	-0.131	0.111	0.516	0.793
301	3.00	0.706	0.181	-0.650	-1.500	-2.046	-2.064	-1.518	-0.569	0.498	1.389
311	3.10	1.916	2.044	1.873	1.560	1.238	0.957	0.687	0.369	-0.029	-0.467
321	3.20	-0.845	-1.048	-1.008	-0.741	-0.350	0.024	0.256	0.289	0.141	-0.116
331	3.30	-0.397	-0.639	-0.812	-0.904	-0.904	-0.794	-0.557	-0.204	0.211	0.593
341	3.40	0.841	0.894	0.758	0.502	0.221	-0.023	-0.231	-0.465	-0.781	-1.170
351	3.50	-1.509	-1.592	-1.221	-0.331	0.927	2.190	3.005	3.012	2.123	0.596
361	3.60	-1.045	-2.212	-2.502	-1.875	-0.671	0.543	1.233	1.143	0.418	-0.475
371	3.70	-0.972	-0.690	0.377	1.835	3.060	3.476	2.808	1.212	-0.795	-2.554
381	3.80	-3.529	-3.508	-2.661	-1.340	-0.065	0.856	1.327	1.454	1.419	1.356
391	3.90	1.270	1.065	0.634	-0.035	-0.804	-1.427	-1.650	-1.346	-0.585	0.378
401	4.00	1.209	1.631	1.543	1.047	0.390	-0.163	-0.448	-0.468	-0.372	-0.355
411	4.10	-0.545	-0.921	-1.310	-1.466	-1.189	-0.432	0.654	1.761	2.538	2.724
421	4.20	2.250	1.270	0.101	-0.891	-1.420	-1.378	-0.854	-0.090	0.617	1.026
431	4.30	1.026	0.660	0.098	-0.445	-0.782	-0.818	-0.576	-0.170	0.233	0.479
441	4.40	0.470	0.197	-0.262	-0.771	-1.170	-1.329	-1.181	-0.752	-0.154	0.438
451	4.50	0.840	0.915	0.620	0.030	-0.681	-1.293	-1.611	-1.540	-1.111	-0.483
461	4.60	0.126	0.510	0.556	0.284	-0.163	-0.578	-0.769	-0.632	-0.185	0.445
471	4.70	1.070	1.517	1.681	1.548	1.184	0.693	0.181	-0.276	-0.633	-0.864
481	4.80	-0.944	-0.865	-0.551	-0.086	0.473	0.997	1.341	1.397	1.144	0.666
491	4.90	0.137	-0.248	-0.345	-0.122	0.329	0.826	1.171	1.230	0.972	0.479

Table 7-14-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 2022 501-GR-1-152 U-D (U-D) FUTTU CAPE MAX. ACC. = -33.193 (GAL) T= 11.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.102	-0.616	-0.948	-1.049	-0.918	-0.585	-0.095	0.484	1.040	1.410
511	5.10	1.403	0.871	-0.201	-1.636	-3.064	-4.028	-4.147	-3.292	-1.685	0.140
521	5.20	1.513	1.888	1.076	-0.637	-2.570	-3.887	-3.917	-2.430	0.246	3.324
531	5.30	5.820	6.904	6.184	3.842	0.569	-2.668	-4.948	-5.681	-4.788	-2.708
541	5.40	-0.245	1.701	2.431	1.694	-0.212	-2.516	-4.222	-4.464	-2.850	0.331
551	5.50	4.137	7.258	8.465	7.087	3.310	-1.830	-6.768	-9.957	-10.424	-8.110
561	5.60	-3.873	0.853	4.612	6.463	6.184	4.431	2.219	0.563	0.062	0.731
571	5.70	2.079	3.376	3.972	3.519	2.041	-0.142	-2.564	-4.755	-6.328	-7.018
581	5.80	-6.701	-5.414	-3.387	-1.030	1.147	2.690	3.378	3.344	3.045	3.074
591	5.90	3.869	5.454	7.352	8.728	8.726	6.869	3.307	-1.176	-5.444	-8.443
601	6.00	-9.600	-9.005	-7.299	-5.339	-3.794	-2.881	-2.346	-1.693	-0.510	1.257
611	6.10	3.242	4.820	5.415	4.768	3.065	0.841	-1.262	-2.756	-3.470	-3.526
621	6.20	-3.188	-2.670	-2.020	-1.146	0.061	1.564	3.118	4.323	4.793	4.338
631	6.30	3.074	1.378	-0.267	-1.475	-2.093	-2.216	-2.074	-1.873	-1.681	-1.413
641	6.40	-0.931	-0.178	0.721	1.487	1.803	1.490	0.618	-0.489	-1.385	-1.696
651	6.50	-1.283	-0.301	0.882	1.853	2.328	2.239	1.721	1.012	0.333	-0.172
661	6.60	-0.433	-0.398	0.001	0.822	2.032	3.409	4.528	4.873	4.068	2.018
671	6.70	-0.774	-3.487	-5.180	-5.211	-3.548	-0.851	1.761	3.175	2.777	0.748
681	6.80	-1.992	-4.178	-4.767	-3.416	-0.646	2.391	4.443	4.730	3.299	0.983
691	6.90	-1.010	-1.685	-0.740	1.279	3.240	3.949	2.722	-0.298	-4.186	-7.637
701	7.00	-9.512	-9.289	-7.216	-4.131	-1.051	1.243	2.461	2.783	2.640	2.416
711	7.10	2.249	2.028	1.538	0.673	-0.426	-1.399	-1.836	-1.492	-0.435	0.969
721	7.20	2.216	2.897	2.884	2.365	1.729	1.356	1.417	1.796	2.145	2.062
731	7.30	1.290	-0.158	-1.991	-3.744	-4.947	-5.282	-4.667	-3.266	-1.429	0.406
741	7.40	1.816	2.488	2.297	1.359	0.024	-1.188	-1.735	-1.237	0.352	2.673
751	7.50	5.033	6.621	6.796	5.348	2.604	-0.664	-3.512	-5.164	-5.288	-4.101
761	7.60	-2.247	-0.521	0.447	0.424	-0.387	-1.474	-2.268	-2.384	-1.755	-0.625
771	7.70	0.599	1.530	1.959	1.902	1.556	1.176	0.958	0.968	1.142	1.340
781	7.80	1.424	1.314	1.015	0.603	0.198	-0.061	-0.046	0.337	1.109	2.179
791	7.90	3.315	4.166	4.339	3.531	1.675	-0.962	-3.798	-6.081	-7.133	-6.606
801	8.00	-4.646	-1.881	0.785	2.489	2.741	1.603	-0.334	-2.197	-3.185	-2.887
811	8.10	-1.431	0.594	2.406	3.366	3.231	2.214	0.843	-0.301	-0.852	-0.791
821	8.20	-0.404	-0.098	-0.172	-0.671	-1.379	-1.959	-2.138	-1.861	-1.313	-0.813
831	8.30	-0.637	-0.866	-1.338	-1.730	-1.729	-1.200	-0.270	0.717	1.340	1.289
841	8.40	0.498	-0.823	-2.268	-3.376	-3.785	-3.332	-2.087	-0.307	1.631	3.328
851	8.50	4.444	4.767	4.264	3.095	1.577	0.100	-1.000	-1.561	-1.653	-1.539
861	8.60	-1.543	-1.866	-2.447	-2.935	-2.822	-1.676	0.608	3.675	6.762	8.947
871	8.70	9.495	8.150	5.257	1.632	-1.749	-4.123	-5.202	-5.212	-4.704	-4.228
881	8.80	-4.035	-3.949	-3.479	-2.105	0.392	3.726	7.139	9.657	10.471	9.272
891	8.90	6.385	2.646	-0.917	-3.471	-4.652	-4.638	-3.992	-3.377	-3.275	-3.823
901	9.00	-4.831	-5.923	-6.726	-6.999	-6.649	-5.676	-4.081	-1.851	0.979	4.214
911	9.10	7.416	9.941	11.109	10.471	8.042	4.378	0.441	-2.731	-4.414	-4.480
921	9.20	-3.437	-2.216	-1.758	-2.606	-4.659	-7.192	-9.137	-9.503	-7.753	-4.010
931	9.30	0.991	6.147	10.331	12.695	12.851	10.896	7.316	2.831	-1.771	-5.769
941	9.40	-8.614	-10.008	-9.929	-8.624	-6.524	-4.127	-1.856	0.038	1.498	2.606
951	9.50	3.470	4.130	4.522	4.522	4.036	3.084	1.829	0.519	-0.614	-1.448
961	9.60	-1.998	-2.363	-2.630	-2.791	-2.728	-2.285	-1.382	-0.106	1.294	2.499
971	9.70	3.269	3.555	3.516	3.419	3.477	3.718	3.957	3.896	3.293	2.116
981	9.80	0.572	-0.984	-2.235	-3.056	-3.561	-4.009	-4.613	-5.374	-6.033	-6.183
991	9.90	-5.471	-3.806	-1.433	1.150	3.402	4.948	5.693	5.777	5.419	4.756

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

INDEX NO. 2022 501-GR-1-152 U-D (U-D) FUTTU CAPE MAX. ACC. = -33.193 (GAL) T= 11.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.771	2.364	0.509	-1.609	-3.566	-4.837	-5.016	-4.011	-2.099	0.188
1011	10.10	2.298	3.874	4.853	5.390	5.697	5.879	5.896	5.639	5.075	4.314
1021	10.20	3.545	2.859	2.089	0.809	-1.432	-4.733	-8.525	-11.562	-12.315	-9.684
1031	10.30	-3.693	4.204	11.449	15.297	13.974	7.542	-1.961	-11.244	-17.067	-17.567
1041	10.40	-12.994	-5.532	1.737	6.210	6.863	4.554	1.438	-0.196	0.938	4.554
1051	10.50	9.035	12.341	13.062	11.116	7.726	4.749	3.711	5.042	7.879	10.506
1061	10.60	11.173	8.888	3.824	-2.815	-9.339	-14.240	-16.678	-16.631	-14.703	-11.782
1071	10.70	-8.703	-6.062	-4.168	-3.091	-2.725	-2.838	-3.133	-3.335	-3.307	-3.116
1081	10.80	-3.011	-3.272	-4.012	-5.047	-5.959	-6.353	-6.189	-5.971	-6.623	-9.020
1091	10.90	-13.364	-18.733	-23.126	-24.096	-19.786	-9.920	3.741	17.785	28.298	32.345
1101	11.00	29.145	20.427	9.787	1.301	-2.013	0.735	8.127	17.142	24.393	27.369
1111	11.10	25.188	18.671	9.833	1.065	-5.617	-9.064	-9.132	-6.548	-2.597	1.273
1121	11.20	3.869	4.627	3.830	2.541	2.201	3.949	7.935	12.950	16.660	16.472
1131	11.30	10.730	-0.271	-13.990	-26.342	-33.193	-32.077	-23.364	-10.297	2.193	9.447
1141	11.40	8.967	1.422	-9.687	-19.550	-24.122	-21.701	-13.594	-3.366	4.762	7.692
1151	11.50	4.640	-2.736	-11.205	-17.394	-19.124	-16.130	-9.954	-3.166	1.699	3.066
1161	11.60	0.779	-3.956	-9.068	-12.328	-12.053	-7.608	0.394	10.254	19.679	26.485
1171	11.70	29.308	28.071	24.010	19.192	15.678	14.649	15.877	17.805	18.244	15.402
1181	11.80	8.796	-0.394	-9.710	-16.417	-16.650	-16.219	-10.669	-4.592	-0.477	0.350
1191	11.90	-1.769	-5.096	-7.388	-6.988	-3.604	1.565	6.391	8.769	7.522	2.862
1201	12.00	-3.770	-10.369	-15.181	-17.332	-16.995	-15.098	-12.761	-10.751	-9.206	-7.712
1211	12.10	-5.646	-2.588	1.409	5.814	9.833	12.742	14.154	14.111	12.988	11.281
1221	12.20	9.402	7.579	5.879	4.323	2.995	2.069	1.747	2.134	3.147	4.499
1231	12.30	5.800	6.713	7.082	6.970	6.572	6.071	5.505	4.748	3.608	2.007
1241	12.40	0.118	-1.631	-2.721	-2.824	-2.042	-0.985	-0.585	-1.715	-4.758	-9.335
1251	12.50	-14.340	-18.306	-19.948	-18.671	-16.812	-9.503	-4.233	-0.280	1.729	1.951
1261	12.60	1.134	0.206	-0.145	0.283	1.227	2.182	2.700	2.604	2.024	1.278
1271	12.70	0.678	0.385	0.377	0.519	0.662	0.716	0.642	0.397	-0.088	-0.866
1281	12.80	-1.858	-2.735	-2.908	-1.683	1.429	6.379	12.385	18.025	21.632	21.877
1291	12.90	18.315	11.638	3.510	-3.989	-9.097	-10.995	-10.059	-7.624	-5.375	-4.617
1301	13.00	-5.730	-8.052	-10.220	-10.820	-9.047	-5.093	-0.087	4.367	6.864	6.758
1311	13.10	4.392	0.894	-2.349	-4.289	-4.614	-3.778	-2.668	-2.099	-2.386	-3.212
1321	13.20	-3.839	-3.556	-2.109	0.116	2.250	3.411	3.178	1.884	0.512	0.252
1331	13.30	1.897	5.402	9.820	13.668	15.568	14.852	11.840	7.665	3.734	1.076
1341	13.40	-0.079	-0.304	-0.573	-1.669	-3.704	-6.025	-7.531	-7.259	-4.930	-1.168
1351	13.50	2.715	5.277	5.572	3.548	0.023	-3.720	-6.527	-7.850	-7.904	-7.437
1361	13.60	-7.270	-7.852	-9.048	-10.252	-10.755	-10.140	-8.516	-6.458	-4.706	-3.773
1371	13.70	-3.676	-3.914	-3.711	-2.385	0.314	4.074	8.128	11.551	13.607	13.988
1381	13.80	12.886	10.868	8.638	6.804	5.701	5.339	5.458	5.649	5.504	4.750
1391	13.90	3.348	1.518	-0.308	-1.616	-1.993	-1.303	0.214	1.973	3.231	3.353
1401	14.00	2.074	-0.368	-3.305	-5.893	-7.453	-7.758	-7.124	-6.269	-5.985	-6.775
1411	14.10	-8.614	-10.944	-12.909	-13.714	-12.967	-10.831	-7.939	-5.121	-3.056	-2.022
1421	14.20	-1.833	-1.975	-1.868	-1.120	0.330	2.229	4.151	5.690	6.600	6.853
1431	14.30	6.595	6.055	5.468	5.023	4.859	5.071	5.703	6.718	7.977	9.243
1441	14.40	10.241	10.751	10.699	10.192	9.472	8.803	8.338	8.036	7.676	6.957
1451	14.50	5.646	3.693	1.252	-1.382	-3.907	-6.126	-7.994	-9.577	-10.953	-12.138
1461	14.60	-13.059	-13.616	-13.774	-13.623	-13.357	-13.161	-13.072	-12.894	-12.237	-10.692
1471	14.70	-8.068	-4.567	-0.809	2.356	4.167	4.280	2.943	0.933	-0.733	-1.198
1481	14.80	-0.099	2.313	5.298	7.960	9.605	9.990	9.353	8.233	7.189	6.548
1491	14.90	6.312	6.234	6.022	5.537	4.892	4.401	4.400	5.040	6.160	7.303

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

INDEX NO. 2022 501-GR-1-152 U-D (U-D) FUTTU CAPE MAX. ACC. = -33.193 (GAL) T= 11.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	7.870	7.354	5.552	2.660	-0.772	-4.017	-6.402	-7.509	-7.289	-6.039
1511	15.10	-4.286	-2.604	-1.443	-1.006	-1.228	-1.835	-2.467	-2.815	-2.731	-2.262
1521	15.20	-1.611	-1.040	-0.756	-0.827	-1.170	-1.604	-1.952	-2.131	-2.191	-2.282
1531	15.30	-2.562	-3.089	-3.757	-4.313	-4.448	-3.928	-2.706	-0.956	0.990	2.764
1541	15.40	4.105	4.942	5.386	5.642	5.875	6.112	6.218	5.959	5.140	3.726
1551	15.50	1.906	0.058	-1.375	-2.047	-1.839	-0.906	0.383	1.576	2.299	2.368
1561	15.60	1.827	0.891	-0.154	-1.072	-1.745	-2.182	-2.472	-2.710	-2.936	-3.119
1571	15.70	-3.176	-3.033	-2.674	-2.161	-1.619	-1.184	-0.947	-0.925	-1.058	-1.251
1581	15.80	-1.418	-1.527	-1.604	-1.707	-1.881	-2.123	-2.365	-2.503	-2.443	-2.151
1591	15.90	-1.684	-1.178	-0.805	-0.716	-0.984	-1.579	-2.378	-3.190	-3.813	-4.072
1601	16.00	-3.861	-3.164	-2.066	-0.741	0.575	1.644	2.288	2.452	2.230	1.838
1611	16.10	1.532	1.501	1.779	2.224	2.587	2.642	2.328	1.816	1.464	1.646
1621	16.20	2.543	3.982	5.429	6.161	5.577	3.507	0.375	-2.878	-5.115	-5.451
1631	16.30	-3.632	-0.190	3.732	6.817	8.090	7.316	5.082	2.539	0.907	0.960
1641	16.40	2.700	5.373	7.799	8.871	8.012	5.384	1.797	-1.641	-3.962	-4.677
1651	16.50	-3.889	-2.169	-0.277	1.141	1.738	1.501	0.643	-0.546	-1.823	-3.026
1661	16.60	-4.040	-4.748	-5.007	-4.686	-3.751	-2.333	-0.733	0.651	1.447	1.452
1671	16.70	0.700	-0.547	-1.901	-2.986	-3.559	-3.575	-3.174	-2.615	-2.184	-2.104
1681	16.80	-2.481	-3.279	-4.326	-5.350	-6.038	-6.122	-5.465	-4.127	-2.379	-0.644
1691	16.90	0.631	1.121	0.755	-0.252	-1.465	-2.380	-2.606	-2.002	-0.715	0.894
1701	17.00	2.389	3.420	3.819	3.633	3.070	2.408	1.920	1.814	2.214	3.151
1711	17.10	4.552	6.228	7.879	9.137	9.657	9.239	7.915	5.979	3.891	2.120
1721	17.20	0.947	0.348	-0.008	-0.612	-1.894	-4.012	-6.753	-9.590	-11.876	-13.088
1731	17.30	-13.023	-11.861	-10.071	-8.227	-6.791	-5.982	-5.738	-5.805	-5.855	-5.611
1741	17.40	-4.912	-3.716	-2.072	-0.088	2.085	4.246	6.157	7.567	8.280	8.223
1751	17.50	7.490	6.333	5.095	4.100	3.559	3.516	3.860	4.396	4.933	5.347
1761	17.60	5.610	5.772	5.917	6.117	6.399	6.738	7.055	7.232	7.131	6.621
1771	17.70	5.623	4.161	2.389	0.583	-0.921	-1.842	-2.056	-1.667	-0.983	-0.414
1781	17.80	-0.320	-0.873	-2.004	-3.452	-4.888	-6.068	-6.923	-7.553	-8.137	-8.801
1791	17.90	-9.523	-10.125	-10.355	-10.019	-9.081	-7.699	-6.147	-4.704	-3.530	-2.627
1801	18.00	-1.874	-1.125	-0.302	0.569	1.395	2.101	2.706	3.331	4.126	5.161
1811	18.10	6.323	7.313	7.736	7.275	5.844	3.666	1.213	-0.956	-2.402	-2.948
1821	18.20	-2.710	-2.000	-1.164	-0.434	0.137	0.637	1.181	1.804	2.409	2.804
1831	18.30	2.803	2.328	1.455	0.386	-0.645	-1.475	-2.067	-2.492	-2.859	-3.225
1841	18.40	-3.550	-3.711	-3.575	-3.071	-2.240	-1.214	-0.150	0.647	1.765	2.673
1851	18.50	3.651	4.721	5.809	6.760	7.409	7.649	7.476	6.968	6.225	5.297
1861	18.60	4.160	2.750	1.046	-0.849	-2.676	-4.076	-4.718	-4.440	-3.334	-1.732
1871	18.70	-0.091	1.177	1.853	1.957	1.701	1.343	1.050	0.815	0.483	-0.139
1881	18.80	-1.147	-2.449	-3.774	-4.775	-5.176	-4.890	-4.053	-2.959	-1.925	-1.163
1891	18.90	-0.710	-0.452	-0.215	0.126	0.573	1.012	1.279	1.254	0.935	0.435
1901	19.00	-0.067	-0.416	-0.551	-0.523	-0.458	-0.486	-0.676	-1.009	-1.405	-1.778
1911	19.10	-2.081	-2.335	-2.596	-2.914	-3.285	-3.638	-3.862	-3.860	-3.602	-3.144
1921	19.20	-2.608	-2.129	-1.793	-1.608	-1.502	-1.363	-1.094	-0.649	-0.053	0.612
1931	19.30	1.237	1.713	1.946	1.866	1.437	0.668	-0.369	-1.525	-2.584	-3.305
1941	19.40	-3.490	-3.040	-2.003	-0.551	1.074	2.650	4.042	5.230	6.269	7.217
1951	19.50	8.056	8.658	8.820	8.351	7.175	5.408	3.346	1.379	-0.139	-1.028
1961	19.60	-1.338	-1.322	-1.319	-1.602	-2.255	-3.129	-3.905	-4.224	-3.846	-2.760
1971	19.70	-1.208	0.386	1.562	1.969	1.480	0.214	-1.517	-3.327	-4.882	-5.989
1981	19.80	-6.624	-6.897	-6.969	-6.965	-6.912	-6.730	-6.262	-5.348	-3.892	-1.911
1991	19.90	0.448	2.941	5.281	7.205	8.525	9.163	9.150	8.609	7.714	6.652

Table 7－14－5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 2022 501-GR-1-152 U-D (U-D) FUTTU CAPE MAX. ACC. = -33.193 (GAL) T= 11.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	5.587	4.632	3.841	3.210	2.697	2.249	1.828	1.432	1.097	0.883
2011	20.10	0.851	1.027	1.390	1.865	2.348	2.735	2.958	2.997	2.874	2.633
2021	20.20	2.311	1.918	1.441	0.851	0.135	-0.701	-1.632	-2.628	-3.673	-4.766
2031	20.30	-5.903	-7.047	-8.096	-8.884	-9.213	-8.927	-7.976	-6.463	-4.632	-2.797
2041	20.40	-1.261	-0.122	0.578	1.022	1.439	2.015	2.810	3.733	4.593	5.182
2051	20.50	5.367	5.145	4.624	3.972	3.326	2.740	2.173	1.525	0.705	-0.308
2061	20.60	-1.445	-2.564	-3.505	-4.157	-4.490	-4.563	-4.488	-4.377	-4.290	-4.212
2071	20.70	-4.058	-3.712	-3.067	-2.079	-0.791	0.669	2.117	3.358	4.247	4.722
2081	20.80	4.820	4.654	4.354	4.012	3.638	3.156	2.450	1.445	0.174	-1.182
2091	20.90	-2.324	-2.930	-2.767	-1.789	-0.178	1.713	3.468	4.743	5.368	5.375
2101	21.00	4.949	4.329	3.706	3.162	2.665	2.129	1.472	0.679	-0.196	-1.056
2111	21.10	-1.810	-2.412	-2.866	-3.208	-3.464	-3.628	-3.661	-3.517	-3.175	-2.675
2121	21.20	-2.107	-1.593	-1.241	-1.108	-1.188	-1.424	-1.738	-2.063	-2.367	-2.651
2131	21.30	-2.937	-3.250	-3.596	-3.955	-4.283	-4.517	-4.587	-4.429	-4.003	-3.312
2141	21.40	-2.413	-1.412	-0.450	0.345	0.900	1.229	1.433	1.665	2.063	2.686
2151	21.50	3.472	4.252	4.804	4.947	4.614	3.886	2.973	2.126	1.542	1.287
2161	21.60	1.272	1.300	1.163	0.739	0.056	-0.708	-1.293	-1.470	-1.136	-0.365
2171	21.70	0.612	1.488	2.002	2.022	1.592	0.896	0.182	-0.342	-0.571	-0.523
2181	21.80	-0.301	-0.029	0.210	0.392	0.539	0.676	0.791	0.827	0.715	0.428
2191	21.90	0.025	-0.340	-0.470	-0.206	0.484	1.468	2.474	3.179	3.327	2.830
2201	22.00	1.799	0.498	-0.750	-1.685	-2.187	-2.291	-2.145	-1.923	-1.750	-1.664
2211	22.10	-1.620	-1.539	-1.357	-1.060	-0.685	-0.296	0.052	0.337	0.579	0.819
2221	22.20	1.104	1.458	1.880	2.337	2.774	3.117	3.283	3.189	2.770	2.000
2231	22.30	0.910	-0.406	-1.801	-3.104	-4.154	-4.829	-5.063	-4.846	-4.210	-3.225
2241	22.40	-1.996	-0.663	0.601	1.610	2.209	2.321	1.984	1.356	0.671	0.165
2251	22.50	-0.016	0.133	0.470	0.761	0.775	0.382	-0.398	-1.398	-2.371	-3.065
2261	22.60	-3.406	-3.341	-3.014	-2.609	-2.283	-2.106	-2.040	-1.965	-1.745	-1.296
2271	22.70	-0.642	0.079	0.649	0.839	0.490	-0.417	-1.736	-3.179	-4.390	-5.043
2281	22.80	-4.939	-4.066	-2.604	-0.861	0.819	2.167	3.059	3.533	3.744	3.883
2291	22.90	4.083	4.370	4.663	4.819	4.708	4.277	3.575	2.736	1.923	1.268
2301	23.00	0.832	0.598	0.495	0.441	0.380	0.294	0.199	0.123	0.088	0.101
2311	23.10	0.164	0.281	0.468	0.738	1.089	1.481	1.833	2.042	2.011	1.695
2321	23.20	1.120	0.377	-0.406	-1.116	-1.697	-2.167	-2.603	-3.096	-3.703	-4.409
2331	23.30	-5.125	-5.712	-6.031	-5.985	-5.556	-4.798	-3.818	-2.742	-1.675	-0.689
2341	23.40	0.188	0.957	1.636	2.243	2.783	3.243	3.588	3.767	3.731	3.456
2351	23.50	2.970	2.362	1.782	1.401	1.363	1.735	2.479	3.468	4.539	5.551
2361	23.60	6.442	7.231	7.979	8.711	9.356	9.731	9.591	8.731	7.097	4.839
2371	23.70	2.298	-0.108	-2.023	-3.284	-3.958	-4.290	-4.578	-5.027	-5.667	-6.361
2381	23.80	-6.894	-7.101	-6.959	-6.605	-6.263	-6.132	-6.284	-6.641	-7.026	-7.271
2391	23.90	-7.315	-7.233	-7.195	-7.347	-7.714	-8.145	-8.363	-8.081	-7.139	-5.584
2401	24.00	-3.663	-1.725	-0.079	1.125	1.930	2.518	3.098	3.789	4.564	5.265
2411	24.10	5.697	5.724	5.344	4.685	3.949	3.319	2.893	2.651	2.493	2.301
2421	24.20	2.000	1.595	1.162	0.802	0.602	0.595	0.758	1.028	1.335	1.622
2431	24.30	1.863	2.056	2.221	2.386	2.575	2.800	3.054	3.302	3.488	3.548
2441	24.40	3.429	3.118	2.656	2.133	1.665	1.353	1.248	1.332	1.526	1.720
2451	24.50	1.813	1.745	1.503	1.120	0.643	0.120	-0.413	-0.925	-1.376	-1.714
2461	24.60	-1.878	-1.818	-1.522	-1.032	-0.439	0.134	0.571	0.797	0.796	0.614
2471	24.70	0.334	0.047	-0.179	-0.320	-0.395	-0.461	-0.589	-0.834	-1.223	-1.736
2481	24.80	-2.315	-2.875	-3.333	-3.632	-3.758	-3.740	-3.634	-3.491	-3.333	-3.144
2491	24.90	-2.877	-2.491	-1.978	-1.391	-0.832	-0.421	-0.244	-0.316	-0.564	-0.852

Table 7－14－6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 2022 501-GR-1-152 U-D (U-D) FUTTU CAPE MAX. ACC. = -33.193 (GAL) T= 11.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.030	-0.998	-0.736	-0.311	0.157	0.554	0.813	0.939	0.994	1.054
2511	25.10	1.172	1.350	1.541	1.681	1.723	1.657	1.517	1.355	1.209	1.083
2521	25.20	0.945	0.745	0.439	0.013	-0.508	-1.080	-1.652	-2.185	-2.656	-3.038
2531	25.30	-3.291	-3.352	-3.145	-2.617	-1.766	-0.659	0.566	1.742	2.719	3.406
2541	25.40	3.794	3.946	3.957	3.915	3.864	3.802	3.697	3.510	3.228	2.867
2551	25.50	2.463	2.055	1.668	1.307	0.970	0.664	0.411	0.243	0.186	0.239
2561	25.60	0.361	0.484	0.536	0.474	0.307	0.087	-0.112	-0.241	-0.303	-0.362
2571	25.70	-0.516	-0.853	-1.401	-2.110	-2.853	-3.473	-3.834	-3.871	-3.601	-3.113
2581	25.80	-2.528	-1.953	-1.451	-1.033	-0.673	-0.331	0.024	0.400	0.790	1.173
2591	25.90	1.532	1.856	2.139	2.377	2.561	2.683	2.728	2.678	2.505	2.178
2601	26.00	1.663	0.938	0.009	-1.072	-2.209	-3.274	-4.145	-4.740	-5.049	-5.136
2611	26.10	-5.117	-5.113	-5.207	-5.415	-5.681	-5.907	-5.986	-5.841	-5.436	-4.775
2621	26.20	-3.889	-2.824	-1.639	-0.415	0.738	1.686	2.303	2.509	2.315	1.834
2631	26.30	1.266	0.833	0.711	0.970	1.556	2.319	3.073	3.667	4.031	4.182
2641	26.40	4.190	4.127	4.027	3.876	3.627	3.250	2.753	2.202	1.688	1.293
2651	26.50	1.049	0.923	0.839	0.717	0.519	0.271	0.052	-0.042	0.055	0.343
2661	26.60	0.751	1.167	1.477	1.608	1.549	1.344	1.063	0.772	0.509	0.279
2671	26.70	0.068	-0.135	-0.329	-0.496	-0.600	-0.624	-0.561	-0.425	-0.243	-0.045
2681	26.80	0.145	0.311	0.446	0.543	0.599	0.608	0.573	0.500	0.401	0.291
2691	26.90	0.177	0.058	-0.076	-0.237	-0.431	-0.658	-0.907	-1.167	-1.424	-1.672
2701	27.00	-1.910	-2.137	-2.349	-2.540	-2.706	-2.837	-2.944	-3.032	-3.113	-3.191
2711	27.10	-3.267	-3.336	-3.393	-3.430	-3.439	-3.398	-3.268	-2.997	-2.536	-1.861
2721	27.20	-1.006	-0.062	0.832	1.532	1.946	2.068	1.989	1.860	1.829	1.974
2731	27.30	2.267	2.586	2.773	2.716	2.411	1.978	1.620	1.538	1.849	2.532
2741	27.40	3.441	4.362	5.103	5.557	5.722	5.672	5.494	5.232	4.868	4.348
2751	27.50	3.633	2.749	1.803	0.949	0.324	-0.015	-0.123	-0.139	-0.220	-0.464
2761	27.60	-0.856	-1.277	-1.559	-1.569	-1.277	-0.778	-0.256	0.095	0.150	-0.099
2771	27.70	-0.553	-1.054	-1.460	-1.700	-1.788	-1.796	-1.806	-1.858	-1.933	-1.965
2781	27.80	-1.883	-1.648	-1.276	-0.832	-0.398	-0.041	0.211	0.363	0.436	0.445
2791	27.90	0.380	0.213	-0.078	-0.491	-0.987	-1.697	-1.945	-2.282	-2.497	-2.616
2801	28.00	-2.675	-2.691	-2.640	-2.464	-2.096	-1.506	-0.727	0.126	0.892	1.407
2811	28.10	1.564	1.354	0.863	0.247	-0.330	-0.768	-0.971	-1.042	-1.055	-1.104
2821	28.20	-1.247	-1.481	-1.757	-2.004	-2.172	-2.249	-2.264	-2.270	-2.315	-2.414
2831	28.30	-2.549	-2.670	-2.727	-2.686	-2.548	-2.346	-2.128	-1.937	-1.793	-1.691
2841	28.40	-1.604	-1.501	-1.360	-1.180	-0.973	-0.757	-0.539	-0.306	-0.023	0.355
2851	28.50	0.860	1.499	2.236	2.996	3.683	4.205	4.511	4.602	4.544	4.445
2861	28.60	4.421	4.564	4.906	5.412	5.995	6.546	6.968	7.205	7.247	7.119
2871	28.70	6.849	6.450	5.907	5.188	4.269	3.158	1.916	0.639	-0.568	-1.546
2881	28.80	-2.303	-2.825	-3.168	-3.405	-3.601	-3.783	-3.942	-4.048	-4.064	-3.977
2891	28.90	-3.796	-3.549	-3.269	-2.981	-2.686	-2.386	-2.064	-1.723	-1.376	-1.045
2901	29.00	-0.748	-0.494	-0.273	-0.065	0.152	0.388	0.630	0.848	1.002	1.052
2911	29.10	0.977	0.777	0.473	0.098	-0.307	-0.710	-1.090	-1.436	-1.748	-2.029
2921	29.20	-2.279	-2.489	-2.638	-2.699	-2.642	-2.448	-2.118	-1.684	-1.203	-0.747
2931	29.30	-0.387	-0.172	-0.122	-0.220	-0.423	-0.679	-0.939	-1.166	-1.333	-1.426
2941	29.40	-1.431	-1.340	-1.150	-0.877	-0.551	-0.219	0.079	0.315	0.495	0.652
2951	29.50	0.833	1.072	1.377	1.712	2.022	2.248	2.361	2.379	2.357	2.364
2961	29.60	2.447	2.606	2.788	2.907	2.883	2.676	2.307	1.846	1.384	0.998
2971	29.70	0.716	0.518	0.355	0.177	-0.042	-0.294	-0.548	-0.778	-0.980	-1.177
2981	29.80	-1.404	-1.681	-1.990	-2.274	-2.456	-2.467	-2.288	-1.955	-1.554	-1.185
2991	29.90	-0.924	-0.792	-0.760	-0.759	-0.725	-0.621	-0.452	-0.256	-0.080	0.043

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

INDEX NO. 2022 501-GR-1-152 U-D (U-D) FUTTU CAPE MAX. ACC. = -33.193 (GAL) T= 11.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.105	0.122	0.117	0.103	0.079	0.031	-0.054	-0.177	-0.326	-0.479
3011	30.10	-0.622	-0.749	-0.873	-1.007	-1.154	-1.299	-1.414	-1.474	-1.471	-1.428
3021	30.20	-1.391	-1.405	-1.492	-1.631	-1.759	-1.798	-1.681	-1.389	-0.951	-0.435
3031	30.30	0.081	0.546	0.947	1.309	1.666	2.043	2.431	2.799	3.106	3.331
3041	30.40	3.683	3.596	3.705	3.820	3.913	3.917	3.763	3.408	2.867	2.214
3051	30.50	1.557	1.007	0.633	0.446	0.408	0.454	0.529	0.610	0.706	0.844
3061	30.60	1.040	1.281	1.521	1.698	1.758	1.674	1.460	1.159	0.824	0.502
3071	30.70	0.218	-0.021	-0.220	-0.382	-0.506	-0.588	-0.631	-0.649	-0.673	-0.739
3081	30.80	-0.876	-1.098	-1.390	-1.720	-2.046	-2.326	-2.534	-2.661	-2.716	-2.717
3091	30.90	-2.689	-2.659	-2.643	-2.648	-2.662	-2.659	-2.600	-2.453	-2.202	-1.864
3101	31.00	-1.484	-1.126	-0.840	-0.657	-0.557	-0.491	-0.404	-0.269	-0.112	-0.010
3111	31.10	-0.069	-0.375	-0.949	-1.727	-2.563	-3.279	-3.718	-3.799	-3.535	-3.026
3121	31.20	-2.411	-1.816	-1.310	-0.896	-0.519	-0.113	0.370	0.930	1.525	2.090
3131	31.30	2.572	2.952	3.253	3.531	3.840	4.211	4.627	5.027	5.328	5.454
3141	31.40	5.370	5.098	4.717	4.334	4.048	3.908	3.897	3.932	3.901	3.705
3151	31.50	3.305	2.742	2.124	1.581	1.214	1.041	0.992	0.934	0.723	0.275
3161	31.60	-0.400	-1.193	-1.939	-2.484	-2.741	-2.722	-2.522	-2.271	-2.074	-1.974
3171	31.70	-1.938	-1.899	-1.796	-1.619	-1.422	-1.301	-1.350	-1.615	-2.069	-2.618
3181	31.80	-3.139	-3.523	-3.707	-3.683	-3.486	-3.163	-2.751	-2.268	-1.726	-1.146
3191	31.90	-0.571	-0.068	0.296	0.475	0.468	0.318	0.098	-0.117	-0.279	-0.380
3201	32.00	-0.444	-0.513	-0.617	-0.759	-0.917	-1.059	-1.159	-1.210	-1.234	-1.259
3211	32.10	-1.303	-1.360	-1.390	-1.335	-1.141	-0.781	-0.276	0.312	0.890	1.364
3221	32.20	1.665	1.773	1.717	1.566	1.408	1.322	1.358	1.528	1.802	2.123
3231	32.30	2.427	2.662	2.803	2.858	2.864	2.874	2.931	3.056	3.231	3.403
3241	32.40	3.497	3.443	3.201	2.778	2.238	1.680	1.218	0.936	0.870	0.986
3251	32.50	1.198	1.389	1.452	1.318	0.980	0.484	-0.084	-0.631	-1.082	-1.401
3261	32.60	-1.590	-1.680	-1.715	-1.734	-1.763	-1.810	-1.874	-1.951	-2.040	-2.145
3271	32.70	-2.272	-2.427	-2.604	-2.794	-2.978	-3.139	-3.267	-3.364	-3.444	-3.527
3281	32.80	-3.633	-3.767	-3.917	-4.054	-4.137	-4.131	-4.016	-3.800	-3.511	-3.192
3291	32.90	-2.879	-2.590	-2.318	-2.038	-1.719	-1.347	-0.931	-0.506	-0.120	0.188
3301	33.00	0.399	0.530	0.616	0.704	0.826	0.993	1.188	1.379	1.538	1.647
3311	33.10	1.710	1.741	1.762	1.785	1.811	1.836	1.850	1.851	1.846	1.841
3321	33.20	1.840	1.841	1.829	1.791	1.717	1.609	1.480	1.349	1.227	1.114
3331	33.30	0.998	0.861	0.694	0.504	0.317	0.171	0.103	0.140	0.282	0.510
3341	33.40	0.792	1.093	1.389	1.666	1.921	2.157	2.379	2.589	2.786	2.972
3351	33.50	3.152	3.328	3.498	3.650	3.763	3.807	3.758	3.601	3.342	3.004
3361	33.60	2.626	2.246	1.897	1.592	1.331	1.100	0.880	0.652	0.407	0.140
3371	33.70	-0.151	-0.464	-0.798	-1.153	-1.527	-1.914	-2.309	-2.706	-3.101	-3.493
3381	33.80	-3.882	-4.264	-4.630	-4.959	-5.232	-5.432	-5.556	-5.621	-5.658	-5.699
3391	33.90	-5.758	-5.814	-5.813	-5.676	-5.335	-4.757	-3.976	-3.083	-2.207	-1.465
3401	34.00	-0.919	-0.544	-0.238	0.140	0.711	1.517	2.496	3.491	4.309	4.782
3411	34.10	4.835	4.506	3.934	3.300	2.766	2.422	2.267	2.229	2.208	2.125
3421	34.20	1.949	1.703	1.435	1.193	0.995	0.828	0.660	0.461	0.227	-0.022
3431	34.30	-0.245	-0.406	-0.488	-0.501	-0.472	-0.430	-0.388	-0.344	-0.281	-0.185
3441	34.40	-0.055	0.091	0.225	0.326	0.387	0.424	0.462	0.522	0.610	0.711
3451	34.50	0.798	0.850	0.868	0.874	0.904	0.985	1.123	1.288	1.431	1.499
3461	34.60	1.464	1.331	1.141	0.941	0.769	0.626	0.480	0.283	-0.006	-0.396
3471	34.70	-0.852	-1.311	-1.702	-1.976	-2.122	-2.167	-2.159	-2.146	-2.150	-2.165
3481	34.80	-2.165	-2.117	-2.006	-1.836	-1.636	-1.442	-1.287	-1.183	-1.123	-1.082
3491	34.90	-1.032	-0.948	-0.820	-0.655	-0.468	-0.284	-0.120	0.017	0.133	0.253

Table 7-14-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 2022 501-GR-1-152 U-D (U-D) FUTTU CAPE MAX. ACC. = -33.193 (GAL) T= 11.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.406	0.623	0.918	1.287	1.704	2.128	2.521	2.856	3.131	3.362
3511	35.10	3.575	3.789	3.999	4.180	4.295	4.307	4.205	4.004	3.744	3.474
3521	35.20	3.230	3.026	2.853	2.687	2.506	2.305	2.095	1.894	1.716	1.560
3531	35.30	1.402	1.212	0.964	0.647	0.277	-0.117	-0.498	-0.840	-1.133	-1.384
3541	35.40	-1.609	-1.826	-2.045	-2.270	-2.503	-2.744	-2.995	-3.255	-3.521	-3.783
3551	35.50	-4.029	-4.255	-4.463	-4.669	-4.887	-5.125	-5.368	-5.584	-5.727	-5.761
3561	35.60	-5.670	-5.475	-5.220	-4.964	-4.752	-4.601	-4.494	-4.395	-4.265	-4.081
3571	35.70	-3.849	-3.590	-3.332	-3.091	-2.863	-2.626	-2.355	-2.040	-1.693	-1.363
3581	35.80	-1.024	-0.748	-0.500	-0.226	0.144	0.672	1.391	2.281	3.275	4.273
3591	35.90	5.171	5.887	6.381	6.656	6.753	6.727	6.630	6.497	6.340	6.159
3601	36.00	5.949	5.715	5.471	5.239	5.040	4.880	4.744	4.596	4.393	4.098
3611	36.10	3.698	3.211	2.687	2.188	1.769	1.458	1.249	1.100	0.954	0.757
3621	36.20	0.483	0.138	-0.243	-0.612	-0.929	-1.176	-1.367	-1.535	-1.724	-1.964
3631	36.30	-2.262	-2.603	-2.958	-3.299	-3.608	-3.890	-4.157	-4.420	-4.676	-4.893
3641	36.40	-5.023	-5.012	-4.822	-4.449	-3.926	-3.319	-2.700	-2.133	-1.648	-1.247
3651	36.50	-0.906	-0.599	-0.311	-0.043	0.194	0.392	0.558	0.723	0.926	1.201
3661	36.60	1.554	1.951	2.325	2.596	2.695	2.589	2.295	1.867	1.376	0.892
3671	36.70	0.459	0.092	-0.214	-0.477	-0.709	-0.912	-1.086	-1.227	-1.340	-1.437
3681	36.80	-1.531	-1.632	-1.734	-1.821	-1.866	-1.845	-1.742	-1.563	-1.325	-1.060
3691	36.90	-0.797	-0.561	-0.364	-0.204	-0.073	0.043	0.158	0.275	0.395	0.511
3701	37.00	0.615	0.709	0.801	0.910	1.060	1.267	1.527	1.813	2.075	2.254
3711	37.10	2.300	2.191	1.944	1.612	1.266	0.976	0.784	0.697	0.686	0.701
3721	37.20	0.692	0.627	0.501	0.336	0.166	0.029	-0.047	-0.049	0.019	0.142
3731	37.30	0.294	0.453	0.595	0.704	0.773	0.805	0.810	0.804	0.802	0.811
3741	37.40	0.837	0.876	0.926	0.982	1.043	1.101	1.147	1.165	1.137	1.056
3751	37.50	0.930	0.789	0.671	0.610	0.617	0.666	0.697	0.639	0.437	0.087
3761	37.60	-0.359	-0.795	-1.100	-1.185	-1.022	-0.666	-0.236	0.130	0.322	0.294
3771	37.70	0.080	-0.228	-0.522	-0.721	-0.799	-0.788	-0.759	-0.781	-0.887	-1.064
3781	37.80	-1.258	-1.399	-1.436	-1.354	-1.179	-0.964	-0.762	-0.606	-0.499	-0.419
3791	37.90	-0.336	-0.231	-0.104	0.026	0.136	0.213	0.261	0.297	0.343	0.409
3801	38.00	0.488	0.559	0.598	0.599	0.576	0.565	0.604	0.717	0.894	1.094
3811	38.10	1.260	1.337	1.302	1.165	0.967	0.757	0.569	0.410	0.259	0.084
3821	38.20	-0.137	-0.396	-0.655	-0.857	-0.950	-0.907	-0.739	-0.491	-0.222	0.008
3831	38.30	0.162	0.224	0.198	0.098	-0.059	-0.261	-0.496	-0.746	-0.992	-1.213
3841	38.40	-1.394	-1.536	-1.652	-1.766	-1.895	-2.042	-2.191	-2.307	-2.354	-2.308
3851	38.50	-2.170	-1.968	-1.747	-1.554	-1.420	-1.350	-1.323	-1.305	-1.259	-1.166
3861	38.60	-1.029	-0.868	-0.713	-0.590	-0.505	-0.447	-0.393	-0.318	-0.207	-0.065
3871	38.70	0.087	0.222	0.321	0.381	0.422	0.473	0.564	0.708	0.892	1.080
3881	38.80	1.227	1.295	1.269	1.158	0.992	0.805	0.623	0.453	0.292	0.135
3891	38.90	-0.010	-0.120	-0.156	-0.087	0.101	0.389	0.729	1.061	1.331	1.509
3901	39.00	1.595	1.615	1.599	1.567	1.522	1.452	1.344	1.196	1.025	0.862
3911	39.10	0.740	0.677	0.668	0.685	0.692	0.660	0.579	0.464	0.341	0.239
3921	39.20	0.172	0.138	0.115	0.080	0.017	-0.077	-0.189	-0.299	-0.387	-0.449
3931	39.30	-0.493	-0.540	-0.617	-0.745	-0.930	-1.161	-1.405	-1.616	-1.742	-1.737
3941	39.40	-1.581	-1.283	-0.885	-0.454	-0.063	0.231	0.403	0.465	0.461	0.444
3951	39.50	0.452	0.497	0.553	0.578	0.531	0.396	0.192	-0.031	-0.213	-0.308
3961	39.60	-0.306	-0.234	-0.146	-0.100	-0.132	-0.242	-0.398	-0.553	-0.665	-0.719
3971	39.70	-0.732	-0.735	-0.765	-0.836	-0.938	-1.036	-1.093	-1.082	-1.002	-0.876
3981	39.80	-0.738	-0.615	-0.519	-0.440	-0.361	-0.270	-0.171	-0.081	-0.022	-0.005
3991	39.90	-0.014	-0.017	0.025	0.131	0.286	0.439	0.524	0.489	0.327	0.085

Table 7-14-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 2022 501-GR-1-152 U-D (U-D) FUTTU CAPE MAX. ACC. = -33.193 (GAL) T= 11.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.147	-0.275	-0.234	-0.022	0.304	0.652	0.934	1.109	1.194	1.253
4011	40.10	1.367	1.589	1.924	2.324	2.709	3.002	3.157	3.169	3.067	2.899
4021	40.20	2.705	2.511	2.331	2.175	2.051	1.974	1.948	1.961	1.984	1.978
4031	40.30	1.914	1.785	1.619	1.461	1.354	1.312	1.308	1.284	1.174	0.937
4041	40.40	0.574	0.131	-0.323	-0.732	-1.074	-1.368	-1.654	-1.965	-2.297	-2.601
4051	40.50	-2.800	-2.825	-2.645	-2.295	-1.861	-1.458	-1.185	-1.095	-1.182	-1.394
4061	40.60	-1.656	-1.901	-2.089	-2.212	-2.287	-2.337	-2.385	-2.443	-2.512	-2.586
4071	40.70	-2.650	-2.682	-2.658	-2.556	-2.363	-2.087	-1.757	-1.416	-1.110	-0.869
4081	40.80	-0.697	-0.572	-0.458	-0.324	-0.153	0.046	0.251	0.434	0.579	0.686
4091	40.90	0.768	0.842	0.916	0.990	1.054	1.102	1.133	1.156	1.180	1.206
4101	41.00	1.225	1.214	1.152	1.031	0.861	0.666	0.474	0.299	0.137	-0.034
4111	41.10	-0.236	-0.477	-0.743	-1.001	-1.214	-1.364	-1.460	-1.536	-1.629	-1.761
4121	41.20	-1.922	-2.073	-2.165	-2.165	-2.072	-1.917	-1.745	-1.585	-1.434	-1.258
4131	41.30	-1.010	-0.666	-0.248	0.179	0.525	0.724	0.768	0.716	0.676	0.755
4141	41.40	1.013	1.434	1.929	2.381	2.694	2.834	2.842	2.807	2.819	2.922
4151	41.50	3.096	3.267	3.349	3.283	3.073	2.777	2.485	2.274	2.177	2.172
4161	41.60	2.203	2.208	2.153	2.044	1.919	1.822	1.782	1.792	1.817	1.809
4171	41.70	1.732	1.579	1.370	1.143	0.934	0.762	0.624	0.498	0.360	0.190
4181	41.80	-0.013	-0.239	-0.470	-0.691	-0.891	-1.072	-1.240	-1.403	-1.568	-1.737
4191	41.90	-1.905	-2.066	-2.206	-2.313	-2.379	-2.404	-2.396	-2.375	-2.365	-2.383
4201	42.00	-2.439	-2.523	-2.618	-2.703	-2.764	-2.800	-2.828	-2.866	-2.929	-3.013
4211	42.10	-3.097	-3.147	-3.130	-3.028	-2.845	-2.605	-2.343	-2.086	-1.851	-1.634
4221	42.20	-1.422	-1.203	-0.969	-0.727	-0.490	-0.272	-0.078	0.099	0.272	0.453
4231	42.30	0.647	0.846	1.034	1.193	1.309	1.374	1.388	1.353	1.271	1.141
4241	42.40	0.967	0.760	0.566	0.359	0.236	0.207	0.277	0.431	0.630	0.830
4251	42.50	0.993	1.098	1.146	1.155	1.154	1.166	1.207	1.279	1.371	1.467
4261	42.60	1.547	1.593	1.593	1.543	1.451	1.333	1.215	1.123	1.079	1.091
4271	42.70	1.154	1.254	1.374	1.504	1.641	1.792	1.961	2.142	2.313	2.441
4281	42.80	2.494	2.453	2.326	2.145	1.956	1.804	1.709	1.660	1.623	1.551
4291	42.90	1.413	1.199	0.933	0.651	0.394	0.184	0.018	-0.128	-0.281	-0.461
4301	43.00	-0.669	-0.886	-1.087	-1.255	-1.389	-1.504	-1.628	-1.782	-1.973	-2.183
4311	43.10	-2.378	-2.513	-2.553	-2.477	-2.288	-2.006	-1.671	-1.327	-1.019	-0.785
4321	43.20	-0.649	-0.621	-0.691	-0.833	-1.010	-1.183	-1.324	-1.421	-1.478	-1.518
4331	43.30	-1.565	-1.641	-1.752	-1.886	-2.016	-2.109	-2.134	-2.072	-1.922	-1.701
4341	43.40	-1.442	-1.189	-0.980	-0.844	-0.790	-0.804	-0.850	-0.884	-0.865	-0.767
4351	43.50	-0.589	-0.352	-0.090	0.162	0.384	0.574	0.749	0.933	1.146	1.394
4361	43.60	1.664	1.933	2.176	2.375	2.529	2.647	2.749	2.849	2.954	3.056
4371	43.70	3.137	3.177	3.161	3.083	2.952	2.782	2.592	2.397	2.205	2.015
4381	43.80	1.823	1.625	1.420	1.216	1.022	0.847	0.695	0.558	0.422	0.267
4391	43.90	0.078	-0.149	-0.404	-0.669	-0.921	-1.145	-1.336	-1.503	-1.661	-1.821
4401	44.00	-1.983	-2.139	-2.273	-2.376	-2.450	-2.512	-2.588	-2.696	-2.842	-3.009
4411	44.10	-3.168	-3.289	-3.355	-3.370	-3.359	-3.350	-3.363	-3.396	-3.425	-3.416
4421	44.20	-3.338	-3.181	-2.957	-2.695	-2.422	-2.151	-1.871	-1.559	-1.192	-0.767
4431	44.30	-0.308	0.136	0.511	0.774	0.918	0.971	0.988	1.029	1.139	1.326
4441	44.40	1.567	1.812	2.005	2.103	2.091	1.985	1.827	1.671	1.573	1.572
4451	44.50	1.685	1.903	2.191	2.501	2.777	2.972	3.057	3.026	2.895	2.700
4461	44.60	2.481	2.279	2.122	2.025	1.986	1.990	2.012	2.024	1.999	1.921
4471	44.70	1.783	1.599	1.393	1.200	1.052	0.968	0.954	0.996	1.073	1.161
4481	44.80	1.247	1.326	1.404	1.487	1.574	1.652	1.698	1.689	1.607	1.453
4491	44.90	1.241	1.002	0.767	0.562	0.402	0.283	0.193	0.108	0.007	-0.132

Table 7-14-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2022 501-GR-1-152 U-D (U-D) FUTTU CAPE MAX. ACC. = -33.193 (GAL) T= 11.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.320	-0.561	-0.848	-1.164	-1.486	-1.786	-2.041	-2.238	-2.377	-2.471
4511	45.10	-2.537	-2.595	-2.655	-2.719	-2.778	-2.819	-2.832	-2.813	-2.767	-2.705
4521	45.20	-2.638	-2.577	-2.526	-2.485	-2.449	-2.412	-2.367	-2.311	-2.239	-2.153
4531	45.30	-2.056	-1.955	-1.860	-1.778	-1.713	-1.666	-1.629	-1.592	-1.546	-1.487
4541	45.40	-1.419	-1.352	-1.296	-1.257	-1.232	-1.208	-1.165	-1.083	-0.952	-0.772
4551	45.50	-0.561	-0.344	-0.147	0.013	0.135	0.231	0.324	0.439	0.590	0.778
4561	45.60	0.989	1.205	1.405	1.583	1.744	1.903	2.077	2.274	2.490	2.707
4571	45.70	2.908	3.082	3.234	3.384	3.558	3.770	4.017	4.265	4.462	4.552
4581	45.80	4.499	4.292	3.960	3.553	3.129	2.734	2.392	2.105	1.861	1.643
4591	45.90	1.441	1.252	1.075	0.906	0.735	0.547	0.330	0.081	-0.189	-0.462
4601	46.00	-0.721	-0.958	-1.178	-1.397	-1.628	-1.874	-2.123	-2.348	-2.523	-2.632
4611	46.10	-2.685	-2.709	-2.740	-2.805	-2.912	-3.040	-3.154	-3.220	-3.224	-3.180
4621	46.20	-3.126	-3.111	-3.170	-3.303	-3.474	-3.615	-3.651	-3.520	-3.203	-2.727
4631	46.30	-2.158	-1.585	-1.089	-0.725	-0.505	-0.404	-0.371	-0.352	-0.307	-0.221
4641	46.40	-0.105	0.018	0.128	0.217	0.297	0.390	0.523	0.711	0.950	1.225
4651	46.50	1.509	1.783	2.035	2.263	2.472	2.662	2.826	2.953	3.037	3.082
4661	46.60	3.109	3.149	3.232	3.369	3.549	3.736	3.884	3.957	3.939	3.842
4671	46.70	3.694	3.525	3.348	3.159	2.936	2.658	2.320	1.940	1.554	1.200
4681	46.80	0.903	0.659	0.445	0.222	-0.036	-0.338	-0.666	-0.992	-1.289	-1.547
4691	46.90	-1.776	-1.997	-2.231	-2.479	-2.725	-2.941	-3.101	-3.193	-3.230	-3.238
4701	47.00	-3.246	-3.264	-3.282	-3.272	-3.203	-3.057	-2.845	-2.601	-2.372	-2.196
4711	47.10	-2.090	-2.038	-2.006	-1.957	-1.868	-1.744	-1.614	-1.518	-1.487	-1.529
4721	47.20	-1.622	-1.718	-1.762	-1.709	-1.538	-1.256	-0.889	-0.490	-0.100	0.244
4731	47.30	0.524	0.734	0.882	0.981	1.044	1.084	1.108	1.124	1.137	1.151
4741	47.40	1.171	1.203	1.250	1.312	1.385	1.461	1.524	1.560	1.557	1.507
4751	47.50	1.417	1.299	1.173	1.060	0.972	0.910	0.867	0.830	0.785	0.729
4761	47.60	0.664	0.604	0.559	0.536	0.533	0.535	0.525	0.489	0.423	0.332
4771	47.70	0.229	0.128	0.037	-0.046	-0.128	-0.217	-0.318	-0.426	-0.532	-0.628
4781	47.80	-0.715	-0.806	-0.916	-1.060	-1.235	-1.418	-1.566	-1.631	-1.579	-1.403
4791	47.90	-1.131	-0.814	-0.513	-0.272	-0.107	0.004	0.103	0.240	0.444	0.715
4801	48.00	1.026	1.334	1.600	1.808	1.967	2.103	2.248	2.417	2.603	2.773
4811	48.10	2.889	2.919	2.854	2.713	2.533	2.355	2.208	2.098	2.006	1.907
4821	48.20	1.775	1.606	1.409	1.209	1.028	0.876	0.742	0.601	0.427	0.202
4831	48.30	-0.068	-0.361	-0.646	-0.897	-1.106	-1.284	-1.456	-1.642	-1.851	-2.066
4841	48.40	-2.258	-2.389	-2.433	-2.386	-2.268	-2.114	-1.961	-1.839	-1.756	-1.709
4851	48.50	-1.679	-1.652	-1.616	-1.570	-1.515	-1.455	-1.387	-1.306	-1.204	-1.073
4861	48.60	-0.910	-0.718	-0.505	-0.283	-0.066	0.132	0.297	0.420	0.496	0.524
4871	48.70	0.511	0.464	0.393	0.302	0.192	0.064	-0.079	-0.224	-0.355	-0.454
4881	48.80	-0.508	-0.517	-0.498	-0.472	-0.463	-0.481	-0.521	-0.564	-0.591	-0.590
4891	48.90	-0.569	-0.551	-0.561	-0.617	-0.713	-0.823	-0.906	-0.928	-0.876	-0.764
4901	49.00	-0.624	-0.495	-0.402	-0.347	-0.306	-0.248	-0.144	0.014	0.215	0.435
4911	49.10	0.646	0.832	0.990	1.125	1.244	1.342	1.407	1.420	1.368	1.253
4921	49.20	1.090	0.910	0.741	0.605	0.506	0.437	0.384	0.330	0.265	0.185
4931	49.30	0.091	-0.016	-0.133	-0.258	-0.382	-0.494	-0.581	-0.629	-0.632	-0.590
4941	49.40	-0.511	-0.408	-0.291	-0.168	-0.043	0.078	0.192	0.296	0.392	0.486
4951	49.50	0.595	0.732	0.908	1.116	1.333	1.526	1.666	1.737	1.750	1.736
4961	49.60	1.735	1.777	1.863	1.969	2.049	2.057	1.971	1.802	1.588	1.383
4971	49.70	1.230	1.143	1.103	1.067	0.989	0.836	0.609	0.332	0.049	-0.200
4981	49.80	-0.389	-0.517	-0.601	-0.666	-0.733	-0.811	-0.900	-0.993	-1.081	-1.163
4991	49.90	-1.241	-1.320	-1.403	-1.489	-1.572	-1.647	-1.710	-1.763	-1.812	-1.865

Table 7-14-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 2022 501-GR-1-152 U-D (U-D) FUTTU CAPE MAX. ACC. = -33.193 (GAL) T= 11.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.930	-2.007	-2.092	-2.176	-2.248	-2.296	-2.313	-2.293	-2.236	-2.143
5011	50.10	-2.020	-1.870	-1.698	-1.509	-1.305	-1.091	-0.876	-0.670	-0.490	-0.356
5021	50.20	-0.287	-0.298	-0.390	-0.549	-0.761	-0.925	-1.052	-1.085	-1.002	-0.804
5031	50.30	-0.513	-0.166	0.196	0.538	0.839	1.093	1.303	1.479	1.626	1.747
5041	50.40	1.839	1.896	1.915	1.896	1.847	1.776	1.692	1.603	1.514	1.431
5051	50.50	1.360	1.306	1.272	1.255	1.246	1.229	1.188	1.114	1.007	0.881
5061	50.60	0.757	0.657	0.592	0.562	0.553	0.544	0.520	0.476	0.423	0.380
5071	50.70	0.369	0.403	0.480	0.583	0.689	0.774	0.826	0.847	0.852	0.860
5081	50.80	0.883	0.924	0.974	1.012	1.019	0.983	0.908	0.810	0.711	0.637
5091	50.90	0.596	0.585	0.582	0.558	0.486	0.354	0.173	-0.033	-0.230	-0.390
5101	51.00	-0.507	-0.598	-0.695	-0.834	-1.037	-1.300	-1.595	-1.881	-2.119	-2.295
5111	51.10	-2.418	-2.522	-2.639	-2.788	-2.959	-3.112	-3.199	-3.182	-3.049	-2.827
5121	51.20	-2.564	-2.317	-2.123	-1.991	-1.899	-1.809	-1.685	-1.513	-1.302	-1.079
5131	51.30	-0.874	-0.702	-0.562	-0.436	-0.302	-0.142	0.042	0.240	0.431	0.601
5141	51.40	0.745	0.867	0.978	1.086	1.189	1.289	1.380	1.463	1.545	1.633
5151	51.50	1.732	1.837	1.933	2.005	2.041	2.049	2.051	2.078	2.157	2.294
5161	51.60	2.472	2.666	2.767	2.796	2.718	2.550	2.331	2.110	1.922	1.764
5171	51.70	1.687	1.607	1.518	1.401	1.251	1.072	0.875	0.666	0.449	0.223
5181	51.80	-0.009	-0.237	-0.448	-0.628	-0.771	-0.878	-0.964	-1.045	-1.137	-1.240
5191	51.90	-1.344	-1.428	-1.474	-1.469	-1.417	-1.335	-1.243	-1.165	-1.109	-1.077
5201	52.00	-1.056	-1.034	-0.998	-0.940	-0.858	-0.755	-0.632	-0.493	-0.341	-0.178
5211	52.10	-0.012	0.148	0.292	0.411	0.497	0.546	0.556	0.527	0.461	0.364
5221	52.20	0.243	0.113	-0.014	-0.126	-0.218	-0.293	-0.360	-0.431	-0.518	-0.625
5231	52.30	-0.750	-0.884	-1.020	-1.152	-1.279	-1.406	-1.534	-1.666	-1.802	-1.942
5241	52.40	-2.086	-2.241	-2.411	-2.592	-2.770	-2.913	-2.977	-2.921	-2.716	-2.366
5251	52.50	-1.908	-1.608	-0.940	-0.567	-0.321	-0.195	-0.146	-0.117	-0.056	0.062
5261	52.60	0.233	0.428	0.607	0.736	0.804	0.822	0.816	0.816	0.842	0.895
5271	52.70	0.964	1.031	1.080	1.107	1.122	1.140	1.173	1.227	1.294	1.356
5281	52.80	1.394	1.392	1.347	1.267	1.167	1.064	0.972	0.899	0.845	0.803
5291	52.90	0.765	0.725	0.677	0.619	0.553	0.484	0.418	0.362	0.318	0.285
5301	53.00	0.256	0.222	0.176	0.114	0.046	-0.018	-0.064	-0.087	-0.095	-0.104
5311	53.10	-0.138	-0.210	-0.320	-0.445	-0.549	-0.595	-0.560	-0.447	-0.282	-0.107
5321	53.20	0.038	0.133	0.181	0.208	0.247	0.324	0.447	0.604	0.771	0.926
5331	53.30	1.054	1.159	1.252	1.347	1.449	1.555	1.658	1.747	1.823	1.891
5341	53.40	1.962	2.042	2.125	2.197	2.237	2.227	2.162	2.048	1.904	1.751
5351	53.50	1.606	1.478	1.367	1.268	1.174	1.080	0.980	0.870	0.745	0.604
5361	53.60	0.447	0.282	0.121	-0.028	-0.162	-0.290	-0.430	-0.597	-0.799	-1.025
5371	53.70	-1.250	-1.445	-1.587	-1.674	-1.725	-1.769	-1.833	-1.932	-2.054	-2.177
5381	53.80	-2.277	-2.341	-2.377	-2.406	-2.451	-2.518	-2.591	-2.637	-2.621	-2.523
5391	53.90	-2.350	-2.130	-1.904	-1.700	-1.526	-1.365	-1.194	-0.993	-0.764	-0.527
5401	54.00	-0.308	-0.124	0.031	0.185	0.373	0.611	0.880	1.127	1.283	1.289
5411	54.10	1.128	0.832	0.472	0.135	-0.117	-0.265	-0.337	-0.391	-0.488	-0.660
5421	54.20	-0.906	-1.192	-1.469	-1.697	-1.855	-1.942	-1.968	-1.963	-1.870	-1.751
5431	54.30	-1.587	-1.392	-1.191	-1.010	-0.868	-0.766	-0.686	-0.597	-0.476	-0.316
5441	54.40	-0.134	0.043	0.183	0.272	0.320	0.353	0.402	0.485	0.601	0.728
5451	54.50	0.836	0.903	0.922	0.908	0.888	0.884	0.909	0.960	1.022	1.080
5461	54.60	1.127	1.164	1.199	1.239	1.284	1.329	1.365	1.388	1.402	1.419
5471	54.70	1.451	1.501	1.561	1.610	1.628	1.601	1.532	1.440	1.351	1.285
5481	54.80	1.250	1.237	1.227	1.201	1.152	1.084	1.011	0.948	0.900	0.860
5491	54.90	0.814	0.748	0.657	0.546	0.428	0.312	0.202	0.090	-0.034	-0.172

Table 7-14-12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 2022 501-GR-1-152 U-D (U-D) FUTTU CAPE MAX. ACC. = -33.193 (GAL) T= 11.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.309	-0.418	-0.464	-0.421	-0.290	-0.100	0.099	0.253	0.324	0.303
5511	55.10	0.210	0.083	-0.042	-0.142	-0.218	-0.284	-0.356	-0.437	-0.512	-0.555
5521	55.20	-0.545	-0.477	-0.370	-0.266	-0.209	-0.235	-0.351	-0.535	-0.749	-0.946
5531	55.30	-1.097	-1.191	-1.239	-1.266	-1.300	-1.360	-1.453	-1.572	-1.704	-1.830
5541	55.40	-1.930	-1.989	-1.992	-1.931	-1.808	-1.634	-1.430	-1.218	-1.022	-0.855
5551	55.50	-0.718	-0.605	-0.501	-0.393	-0.272	-0.134	0.019	0.183	0.353	0.524
5561	55.60	0.684	0.821	0.921	0.977	0.988	0.968	0.940	0.924	0.934	0.967
5571	55.70	1.004	1.024	1.006	0.949	0.865	0.780	0.719	0.692	0.694	0.707
5581	55.80	0.711	0.699	0.682	0.687	0.742	0.858	1.025	1.207	1.354	1.421
5591	55.90	1.384	1.246	1.034	0.787	0.540	0.317	0.126	-0.036	-0.175	-0.297
5601	56.00	-0.406	-0.503	-0.592	-0.676	-0.757	-0.832	-0.895	-0.940	-0.965	-0.982
5611	56.10	-1.007	-1.058	-1.138	-1.231	-1.301	-1.306	-1.219	-1.040	-0.805	-0.575
5621	56.20	-0.406	-0.329	-0.331	-0.364	-0.362	-0.276	-0.096	0.143	0.379	0.549
5631	56.30	0.621	0.609	0.561	0.538	0.584	0.706	0.879	1.054	1.193	1.281
5641	56.40	1.335	1.387	1.464	1.572	1.687	1.770	1.780	1.702	1.546	1.347
5651	56.50	1.144	0.968	0.823	0.693	0.553	0.380	0.171	-0.066	-0.308	-0.536
5661	56.60	-0.739	-0.921	-1.091	-1.266	-1.452	-1.649	-1.845	-2.022	-2.158	-2.230
5671	56.70	-2.223	-2.133	-1.968	-1.756	-1.532	-1.337	-1.201	-1.133	-1.123	-1.137
5681	56.80	-1.139	-1.101	-1.018	-0.906	-0.798	-0.730	-0.725	-0.788	-0.904	-1.044
5691	56.90	-1.175	-1.268	-1.299	-1.258	-1.142	-0.959	-0.724	-0.461	-0.192	0.068
5701	57.00	0.314	0.557	0.808	1.072	1.329	1.538	1.647	1.617	1.449	1.192
5711	57.10	0.943	0.807	0.865	1.127	1.532	1.958	2.269	2.368	2.230	1.910
5721	57.20	1.513	1.151	0.898	0.764	0.704	0.646	0.534	0.349	0.114	-0.117
5731	57.30	-0.297	-0.403	-0.446	-0.465	-0.496	-0.564	-0.665	-0.778	-0.878	-0.951
5741	57.40	-0.998	-1.035	-1.073	-1.118	-1.159	-1.176	-1.154	-1.089	-0.987	-0.866
5751	57.50	-0.738	-0.609	-0.473	-0.323	-0.156	0.019	0.187	0.337	0.470	0.601
5761	57.60	0.757	0.958	1.201	1.458	1.674	1.797	1.791	1.658	1.439	1.196
5771	57.70	0.991	0.861	0.807	0.801	0.800	0.771	0.702	0.603	0.491	0.384
5781	57.80	0.283	0.179	0.062	-0.067	-0.183	-0.252	-0.238	-0.125	0.068	0.291
5791	57.90	0.478	0.569	0.536	0.391	0.178	-0.046	-0.233	-0.362	-0.441	-0.499
5801	58.00	-0.567	-0.665	-0.794	-0.936	-1.070	-1.175	-1.241	-1.267	-1.254	-1.205
5811	58.10	-1.120	-0.999	-0.847	-0.680	-0.519	-0.386	-0.295	-0.244	-0.221	-0.200
5821	58.20	-0.160	-0.087	0.020	0.150	0.286	0.410	0.507	0.565	0.575	0.533
5831	58.30	0.440	0.308	0.160	0.022	-0.082	-0.142	-0.166	-0.176	-0.202	-0.259
5841	58.40	-0.342	-0.427	-0.476	-0.460	-0.375	-0.240	-0.096	0.024	0.105	0.163
5851	58.50	0.235	0.354	0.525	0.717	0.867	0.915	0.833	0.649	0.444	0.321
5861	58.60	0.357	0.566	0.886	1.198	1.372	1.326	1.056	0.641	0.207	-0.125
5871	58.70	-0.288	-0.292	-0.213	-0.149	-0.176	-0.312	-0.512	-0.697	-0.786	-0.739
5881	58.80	-0.572	-0.343	-0.129	0.013	0.064	0.045	0.003	-0.018	0.006	0.067
5891	58.90	0.133	0.167	0.140	0.050	-0.088	-0.244	-0.390	-0.511	-0.607	-0.692
5901	59.00	-0.780	-0.882	-0.992	-1.096	-1.168	-1.183	-1.128	-1.003	-0.823	-0.617
5911	59.10	-0.416	-0.244	-0.110	-0.006	0.086	0.190	0.320	0.474	0.633	0.769
5921	59.20	0.855	0.873	0.821	0.714	0.574	0.423	0.275	0.135	0.003	-0.120
5931	59.30	-0.228	-0.309	-0.349	-0.338	-0.277	-0.175	-0.050	0.081	0.206	0.319
5941	59.40	0.422	0.514	0.591	0.637	0.636	0.570	0.434	0.239	0.012	-0.212
5951	59.50	-0.398	-0.521	-0.573	-0.568	-0.531	-0.493	-0.480	-0.504	-0.564	-0.641
5961	59.60	-0.711	-0.752	-0.749	-0.699	-0.607	-0.488	-0.355	-0.217	-0.077	0.066
5971	59.70	0.214	0.363	0.508	0.641	0.757	0.858	0.955	1.063	1.200	1.372
5981	59.80	1.573	1.780	1.962	2.086	2.126	2.071	1.927	1.718	1.477	1.238
5991	59.90	1.031	0.875	0.774	0.712	0.662	0.591	0.464	0.262	-0.011	-0.329

Table 7-14-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 2022 501-GR-1-152 U-D (U-D) FUTTU CAPE MAX. ACC. = -33.193 (GAL) T= 11.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.649	-0.920	-1.103	-1.186	-1.179	-1.130	-1.089	-1.097	-1.175	-1.312
6011	60.10	-1.474	-1.613	-1.689	-1.682	-1.594	-1.447	-1.272	-1.098	-0.946	-0.822
6021	60.20	-0.723	-0.642	-0.566	-0.484	-0.385	-0.259	-0.103	0.077	0.262	0.423
6031	60.30	0.527	0.548	0.477	0.328	0.136	-0.058	-0.218	-0.327	-0.395	-0.445
6041	60.40	-0.508	-0.602	-0.725	-0.861	-0.982	-1.072	-1.132	-1.181	-1.251	-1.363
6051	60.50	-1.519	-1.697	-1.853	-1.947	-1.953	-1.873	-1.736	-1.582	-1.444	-1.333
6061	60.60	-1.237	-1.127	-0.977	-0.776	-0.536	-0.285	-0.051	0.149	0.318	0.473
6071	60.70	0.634	0.808	0.983	1.132	1.229	1.260	1.239	1.200	1.183	1.217
6081	60.80	1.308	1.433	1.555	1.637	1.661	1.630	1.560	1.475	1.384	1.287
6091	60.90	1.175	1.043	0.903	0.782	0.714	0.721	0.804	0.935	1.067	1.151
6101	61.00	1.157	1.082	0.948	0.786	0.620	0.459	0.293	0.110	-0.091	-0.293
6111	61.10	-0.457	-0.543	-0.527	-0.410	-0.229	-0.037	0.111	0.183	0.180	0.128
6121	61.20	0.072	0.049	0.080	0.161	0.271	0.380	0.466	0.515	0.524	0.496
6131	61.30	0.432	0.335	0.205	0.050	-0.113	-0.258	-0.355	-0.379	-0.321	-0.191
6141	61.40	-0.018	0.161	0.307	0.397	0.427	0.418	0.404	0.420	0.491	0.618
6151	61.50	0.779	0.934	1.039	1.059	0.983	0.826	0.619	0.403	0.211	0.062
6161	61.60	-0.043	-0.117	-0.173	-0.224	-0.274	-0.326	-0.379	-0.435	-0.501	-0.583
6171	61.70	-0.683	-0.795	-0.912	-1.022	-1.118	-1.197	-1.261	-1.311	-1.344	-1.358
6181	61.80	-1.354	-1.340	-1.335	-1.363	-1.440	-1.560	-1.688	-1.767	-1.736	-1.554
6191	61.90	-1.221	-0.781	-0.312	0.102	0.405	0.583	0.669	0.714	0.764	0.832
6201	62.00	0.894	0.903	0.822	0.649	0.433	0.259	0.215	0.355	0.673	1.098
6211	62.10	1.518	1.825	1.948	1.878	1.667	1.397	1.150	0.978	0.891	0.861
6221	62.20	0.849	0.821	0.766	0.693	0.621	0.565	0.525	0.489	0.437	0.358
6231	62.30	0.258	0.156	0.081	0.057	0.089	0.165	0.259	0.344	0.400	0.425
6241	62.40	0.431	0.436	0.448	0.469	0.482	0.468	0.411	0.307	0.173	0.034
6251	62.50	-0.087	-0.177	-0.237	-0.287	-0.344	-0.422	-0.518	-0.615	-0.697	-0.753
6261	62.60	-0.793	-0.844	-0.934	-1.080	-1.271	-1.467	-1.613	-1.653	-1.564	-1.356
6271	62.70	-1.078	-0.794	-0.562	-0.410	-0.332	-0.294	-0.258	-0.196	-0.106	-0.005
6281	62.80	0.083	0.145	0.186	0.225	0.284	0.367	0.458	0.518	0.505	0.397
6291	62.90	0.202	-0.039	-0.270	-0.441	-0.529	-0.548	-0.541	-0.556	-0.623	-0.765
6301	63.00	-0.893	-1.026	-1.105	-1.112	-1.054	-0.958	-0.851	-0.754	-0.670	-0.597
6311	63.10	-0.531	-0.477	-0.452	-0.479	-0.570	-0.721	-0.910	-1.100	-1.258	-1.364
6321	63.20	-1.422	-1.451	-1.472	-1.502	-1.536	-1.554	-1.528	-1.439	-1.281	-1.068
6331	63.30	-0.824	-0.572	-0.329	-0.097	0.126	0.338	0.527	0.665	0.724	0.689
6341	63.40	0.567	0.396	0.235	0.144	0.165	0.301	0.520	0.764	0.971	1.100
6351	63.50	1.143	1.126	1.093	1.084	1.120	1.192	1.271	1.317	1.302	1.220
6361	63.60	1.087	0.934	0.794	0.690	0.626	0.594	0.575	0.554	0.520	0.469
6371	63.70	0.398	0.306	0.193	0.060	-0.084	-0.221	-0.333	-0.402	-0.423	-0.405
6381	63.80	-0.371	-0.347	-0.352	-0.390	-0.447	-0.503	-0.537	-0.542	-0.524	-0.501
6391	63.90	-0.493	-0.509	-0.546	-0.588	-0.616	-0.619	-0.596	-0.558	-0.519	-0.489
6401	64.00	-0.468	-0.451	-0.428	-0.394	-0.352	-0.312	-0.280	-0.261	-0.246	-0.224
6411	64.10	-0.184	-0.126	-0.055	0.017	0.078	0.128	0.175	0.231	0.305	0.394
6421	64.20	0.483	0.555	0.599	0.618	0.632	0.666	0.735	0.837	0.949	1.039
6431	64.30	1.083	1.079	1.054	1.047	1.095	1.211	1.372	1.532	1.635	1.644
6441	64.40	1.555	1.394	1.211	1.053	0.966	0.895	0.880	0.878	0.869	0.846
6451	64.50	0.807	0.757	0.699	0.635	0.575	0.535	0.537	0.598	0.714	0.859
6461	64.60	0.988	1.056	1.041	0.959	0.862	0.815	0.865	1.016	1.223	1.409
6471	64.70	1.501	1.465	1.321	1.131	0.967	0.876	0.857	0.865	0.838	0.737
6481	64.80	0.563	0.363	0.196	0.105	0.093	0.119	0.131	0.095	0.022	-0.039
6491	64.90	-0.031	0.069	0.221	0.333	0.291	0.021	-0.466	-1.066	-1.616	-1.959

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

INDEX NO. 2023 501-GR-1-152 HB. (HB.) FUTTU CAPE MAX. ACC. = -122.831 (GAL) T= 10.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.511	2.359	2.443	1.728	0.567	-0.452	-0.789	-0.235	0.968	2.223
11	0.10	2.859	2.467	1.116	-0.659	-2.096	-2.568	-1.881	-0.365	1.278	2.316
21	0.20	2.328	1.403	0.079	-0.918	-1.035	-0.156	1.346	2.779	3.454	2.996
31	0.30	1.502	-0.507	-2.316	-3.309	-3.200	-2.106	-0.457	1.196	2.394	2.901
41	0.40	2.729	2.073	1.199	0.354	-0.290	-0.642	-0.673	-0.411	0.070	0.643
51	0.50	1.144	1.407	1.325	0.894	0.240	-0.416	-0.829	-0.820	-0.349	0.466
61	0.60	1.387	2.137	2.499	2.377	1.821	0.995	0.110	-0.640	-1.131	-1.323
71	0.70	-1.245	-0.965	-0.564	-0.116	0.314	0.666	0.897	0.981	0.928	0.790
81	0.80	0.647	0.583	0.643	0.805	0.977	1.027	0.839	0.372	-0.304	-1.014
91	0.90	-1.536	-1.682	-1.372	-0.675	0.206	1.005	1.479	1.493	1.059	0.323
101	1.00	-0.485	-1.129	-1.434	-1.328	-0.852	-0.141	0.618	1.237	1.575	1.581
111	1.10	1.304	0.881	0.477	0.216	0.112	0.045	-0.195	-0.802	-1.830	-3.097
121	1.20	-4.194	-4.605	-3.924	-2.064	0.618	3.384	5.336	5.753	4.390	1.613
131	1.30	-1.693	-4.439	-5.730	-5.192	-3.096	-0.228	2.441	4.125	4.493	3.717
141	1.40	2.317	0.877	-0.215	-0.882	-1.303	-1.723	-2.258	-2.792	-3.042	-2.720
151	1.50	-1.736	-0.296	1.148	2.091	2.201	1.485	0.289	-0.857	-1.471	-1.334
161	1.60	-0.559	0.496	1.404	1.894	1.929	1.676	1.359	1.091	0.798	0.270
171	1.70	-0.680	-2.040	-3.518	-4.606	-4.796	-3.823	-1.830	0.637	2.825	4.071
181	1.80	4.057	2.924	1.181	-0.538	-1.741	-2.251	-2.204	-1.897	-1.581	-1.319
191	1.90	-0.989	-0.418	0.431	1.354	1.946	1.790	0.707	-1.082	-2.976	-4.212
201	2.00	-4.195	-2.786	-0.395	2.163	4.002	4.525	3.659	1.847	-0.174	-1.714
211	2.10	-2.405	-2.296	-1.747	-1.179	-0.846	-0.724	-0.582	-0.169	0.590	1.508
221	2.20	2.215	2.350	1.761	0.607	-0.697	-1.674	-1.999	-1.637	-0.833	0.027
231	2.30	0.617	0.804	0.668	0.409	0.199	0.083	-0.026	-0.251	-0.631	-1.053
241	2.40	-1.293	-1.136	-0.525	0.374	1.226	1.689	1.590	1.025	0.310	-0.185
251	2.50	-0.250	0.049	0.397	0.418	-0.089	-0.989	-1.836	-2.072	-1.331	0.321
261	2.60	2.350	3.935	4.324	3.180	0.762	-2.156	-4.591	-5.751	-5.339	-3.634
271	2.70	-1.334	0.769	2.110	2.526	2.236	1.643	1.106	0.777	0.595	0.402
281	2.80	0.108	-0.213	-0.345	-0.067	0.683	1.707	2.587	2.849	2.182	0.605
291	2.90	-1.501	-3.518	-4.820	-4.997	-4.002	-2.141	0.051	2.010	3.314	3.774
301	3.00	3.430	2.478	1.172	-0.247	-1.572	-2.633	-3.280	-3.394	-2.915	-1.884
311	3.10	-0.465	1.066	2.380	3.178	3.276	2.663	1.508	0.120	-1.133	-1.920
321	3.20	-2.030	-1.437	-0.305	1.043	2.208	2.813	2.620	1.605	-0.011	-1.803
331	3.30	-3.250	-3.884	-3.440	-1.956	0.205	2.441	4.086	4.621	3.854	2.009
341	3.40	-0.324	-2.367	-3.624	-3.128	-1.593	0.610	2.653	3.760	3.513	2.027
351	3.50	-0.077	-1.912	-2.679	-2.010	-0.134	2.189	3.960	4.345	3.018	0.310
361	3.60	-2.900	-5.516	-6.634	-5.880	-3.526	-0.373	2.562	4.412	4.749	3.679
371	3.70	1.757	-0.259	-1.681	-2.113	-1.540	-0.289	1.119	2.155	2.452	1.918
381	3.80	0.752	-0.621	-1.693	-2.045	-1.513	-0.263	1.235	2.362	2.584	1.684
391	3.90	-0.111	-2.167	-3.667	-3.925	-2.697	-0.318	2.379	4.365	4.823	3.484
401	4.00	0.763	-2.386	-4.831	-5.705	-4.730	-2.300	0.701	3.281	4.730	4.861
411	4.10	4.006	2.795	1.812	1.328	1.205	1.019	0.340	-0.999	-2.760	-4.361
421	4.20	-5.127	-4.589	-2.710	0.081	3.043	5.403	6.621	6.533	5.321	3.357
431	4.30	1.020	-1.413	-3.758	-5.816	-7.280	-7.726	-6.764	-4.260	-0.550	3.526
441	4.40	6.808	8.209	7.149	3.848	-0.666	-4.892	-7.389	-7.320	-4.771	-0.705
451	4.50	3.420	6.212	6.855	5.359	2.475	-0.674	-3.054	-4.092	-3.800	-2.657
461	4.60	-1.310	-0.320	0.104	0.040	-0.230	-0.400	-0.272	0.194	0.907	1.700
471	4.70	2.377	2.736	2.585	1.787	0.333	-1.576	-3.510	-4.890	-5.174	-4.091
481	4.80	-1.807	1.056	3.614	5.048	4.935	3.445	1.285	-0.598	-1.422	-0.922
491	4.90	0.531	2.089	2.807	2.071	-0.114	-3.106	-5.884	-7.462	-7.274	-5.372

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

INDEX NO. 2023 501-GR-1-152 HB. (HB.) FUTTU CAPE MAX. ACC. = -122.831 (GAL) T= 10.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.367	0.850	3.460	4.987	5.385	4.925	3.983	2.828	1.535	0.046
511	5.10	-1.683	-3.529	-5.157	-6.115	-6.025	-4.779	-2.637	-0.166	1.966	3.243
521	5.20	3.499	2.960	2.109	1.447	1.246	1.426	1.600	1.282	0.152	-1.742
531	5.30	-3.948	-5.760	-6.495	-5.786	-3.748	-0.961	1.739	3.571	4.082	3.294
541	5.40	1.656	-0.163	-1.534	-2.091	-1.822	-1.012	-0.088	0.564	0.731	0.407
551	5.50	-0.248	-0.991	-1.582	-1.830	-1.618	-0.905	0.249	1.659	3.004	3.866
561	5.60	3.827	2.640	0.360	-2.577	-5.411	-7.264	-7.422	-5.607	-2.134	2.140
571	5.70	6.054	8.501	8.790	6.874	3.358	-0.703	-4.154	-6.110	-6.213	-4.693
581	5.80	-2.230	0.320	2.242	3.173	3.177	2.637	2.051	1.795	1.975	2.401
591	5.90	2.689	2.446	1.451	-0.235	-2.271	-4.132	-5.277	-5.309	-4.096	-1.821
601	6.00	1.045	3.836	5.828	6.414	5.272	2.510	-1.290	-5.155	-7.951	-8.725
611	6.10	-7.045	-3.229	1.688	6.237	9.009	9.171	6.793	2.843	-1.179	-3.834
621	6.20	-4.324	-2.799	-0.268	1.870	2.468	1.157	-1.485	-4.199	-5.626	-4.943
631	6.30	-2.254	1.440	4.680	6.191	5.439	2.841	-0.443	-3.041	-3.968	-3.013
641	6.40	-0.775	1.675	3.291	3.499	2.379	0.540	-1.227	-2.319	-2.550	-2.132
651	6.50	-1.473	-0.910	-0.538	-0.207	0.324	1.179	2.243	3.187	3.625	3.327
661	6.60	2.351	1.032	-0.179	-0.923	-1.097	-0.871	-0.568	-0.469	-0.653	-0.965
671	6.70	-1.117	-0.869	-0.188	0.719	1.492	1.817	1.585	0.961	0.297	-0.056
681	6.80	0.063	0.538	1.039	1.203	0.838	0.042	-0.834	-1.359	-1.245	-0.495
691	6.90	0.591	1.565	2.053	1.932	1.363	0.677	0.168	-0.076	-0.219	-0.556
701	7.00	-1.294	-2.365	-3.381	-3.779	-3.094	-1.239	1.378	3.960	5.622	5.762
711	7.10	4.321	1.808	-0.908	-2.968	-3.849	-3.526	-2.402	-1.055	0.050	0.731
721	7.20	1.086	1.327	1.570	1.726	1.544	0.796	-0.502	-1.991	-3.050	-3.051
731	7.30	-1.670	0.906	3.981	6.585	7.841	7.295	5.084	1.853	-1.512	-4.210
741	7.40	-5.772	-6.132	-5.529	-4.315	-2.789	-1.132	0.553	2.143	3.425	4.117
751	7.50	3.971	2.911	1.114	-1.002	-2.910	-4.150	-4.486	-3.866	-2.559	-0.839
761	7.60	1.024	2.828	4.408	5.565	6.026	5.492	3.767	0.920	-2.611	-6.053
771	7.70	-8.499	-9.196	-7.842	-4.731	-0.696	3.156	5.815	6.698	5.613	3.692
781	7.80	1.126	-1.153	-2.737	-3.604	-3.998	-4.188	-4.254	-4.012	-3.141	-1.437
791	7.90	0.936	3.365	4.940	4.833	2.722	-0.930	-4.912	-7.659	-7.864	-5.069
801	8.00	0.044	5.804	10.132	11.334	8.780	3.193	-3.588	-9.292	-12.053	-11.091
811	8.10	-6.947	-1.210	4.133	7.447	7.993	6.063	2.716	-0.744	-3.306	-4.556
821	8.20	-4.690	-4.248	-3.758	-3.453	-3.206	-2.661	-1.503	0.318	2.494	4.462
831	8.30	5.631	5.641	4.508	2.619	0.564	-1.102	-2.056	-2.294	-2.065	-1.710
841	8.40	-1.478	-1.418	-1.388	-1.168	-0.624	0.186	1.004	1.488	1.391	0.711
851	8.50	-0.264	-1.063	-1.244	-0.623	0.602	1.900	2.623	2.301	0.882	-1.199
861	8.60	-3.186	-4.306	-4.115	-2.702	-0.659	1.168	2.046	1.678	0.317	-1.347
871	8.70	-2.498	-2.541	-1.340	0.751	3.055	4.851	5.628	5.208	3.738	1.557
881	8.80	-0.931	-3.344	-5.341	-6.606	-6.867	-5.976	-4.012	-1.361	1.327	3.324
891	8.90	4.084	3.490	1.930	0.161	-1.017	-1.126	-0.246	0.996	1.716	1.199
901	9.00	-0.729	-3.564	-6.298	-7.839	-7.490	-5.260	-1.871	1.544	3.914	4.659
911	9.10	3.888	2.283	0.750	0.002	0.263	1.229	2.265	2.732	2.280	0.972
921	9.20	-0.796	-2.513	-3.791	-4.501	-4.753	-4.762	-4.682	-4.508	-4.090	-3.238
931	9.30	-1.855	-0.011	2.076	4.123	5.885	7.202	7.976	8.101	7.415	5.739
941	9.40	3.004	-0.593	-4.487	-7.802	-9.587	-9.152	-6.395	-1.944	2.964	6.846
951	9.50	8.470	7.285	3.624	-1.396	-6.242	-9.459	-10.120	-8.071	-3.923	1.178
961	9.60	5.917	9.169	10.274	9.158	6.304	2.594	-0.940	-3.399	-4.264	-3.549
971	9.70	-1.793	0.124	1.312	1.221	-0.102	-1.989	-3.386	-3.280	-1.163	2.686
981	9.80	7.217	10.953	12.537	11.254	7.329	1.854	-3.601	-7.564	-9.153	-8.329
991	9.90	-5.808	-2.712	-0.115	1.327	1.531	0.909	0.123	-0.200	0.321	1.732

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

INDEX NO. 2023 501-GR-1-152 HB. (HB.) FUTTU CAPE MAX. ACC. = -122.831 (GAL) T= 10.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.778	6.031	8.037	9.464	10.217	10.488	10.729	11.509	13.277	16.083
1011	10.10	19.364	21.928	22.205	18.749	10.842	-1.005	-14.896	-27.843	-36.476	-37.983
1021	10.20	-30.991	-16.117	3.976	25.037	42.099	50.567	47.336	31.713	5.960	-24.746
1031	10.30	-53.088	-71.148	-72.496	-54.364	-19.188	25.183	67.027	93.885	96.501	72.265
1041	10.40	26.838	-26.910	-72.574	-95.444	-87.495	-50.323	5.157	62.251	104.047	118.984
1051	10.50	104.432	67.040	19.876	-22.420	-48.588	-54.017	-41.351	-18.550	4.533	19.600
1061	10.60	22.182	12.205	-6.908	-29.863	-51.074	-65.736	-70.387	-63.234	-44.522	-16.929
1071	10.70	14.300	41.934	58.248	57.224	36.771	0.032	-44.889	-86.947	-115.349	-122.831
1081	10.80	-107.863	-74.999	-33.280	6.670	35.800	49.000	46.020	30.846	9.991	-9.628
1091	10.90	-22.544	-25.884	-19.672	-6.370	10.093	25.531	36.649	41.832	41.373	37.012
1101	11.00	30.948	24.674	18.162	9.836	-2.518	-20.212	-42.153	-64.195	-79.846	-82.313
1111	11.10	-67.180	-34.653	9.673	56.005	93.207	112.279	109.153	85.745	48.937	8.001
1121	11.20	-28.410	-54.533	-68.286	-70.570	-63.766	-50.310	-32.105	-10.830	11.245	30.729
1131	11.30	43.444	45.717	36.100	16.661	-6.959	-26.969	-35.933	-29.393	-7.559	24.627
1141	11.40	59.077	87.123	102.061	100.763	83.909	55.040	19.060	-19.089	-55.085	-85.238
1151	11.50	-106.194	-114.861	-108.859	-87.411	-52.263	-8.044	38.298	78.979	107.309	119.381
1161	11.60	114.874	96.694	69.657	38.801	8.022	-20.468	-45.761	-67.306	-83.973	-93.678
1171	11.70	-93.839	-82.488	-59.563	-27.736	7.678	39.836	62.203	70.472	63.892	45.500
1181	11.80	21.154	-2.322	-19.232	-26.636	-24.956	-17.407	-8.520	-2.334	-0.964	-4.051
1191	11.90	-9.257	-13.513	-14.472	-11.522	-5.953	-0.254	3.108	2.841	-0.597	-5.249
1201	12.00	-8.567	-8.517	-4.358	3.234	12.663	22.193	30.527	36.888	40.598	40.534
1211	12.10	34.948	21.980	0.805	-27.091	-57.233	-82.677	-95.813	-90.952	-66.705	-27.110
1221	12.20	19.100	60.983	88.777	96.935	85.673	60.491	29.932	2.523	-15.904	-23.580
1231	12.30	-22.523	-16.985	-11.433	-8.919	-10.401	-15.027	-21.020	-26.596	-30.506	-32.068
1241	12.40	-30.901	-26.661	-19.056	-8.151	5.232	19.304	31.536	39.296	40.713	35.389
1251	12.50	24.670	11.329	-1.237	-10.029	-13.316	-11.091	-4.975	2.388	8.229	10.585
1261	12.60	8.953	4.487	-0.383	-2.810	-0.622	6.706	17.578	28.562	35.428	34.642
1271	12.70	24.814	7.511	-12.940	-30.703	-40.347	-38.743	-26.228	-6.573	14.259	30.121
1281	12.80	36.682	32.717	20.225	3.436	-12.842	-24.836	-30.801	-31.098	-27.503	-22.162
1291	12.90	-16.707	-11.873	-7.663	-3.830	-0.320	2.597	4.548	5.441	5.712	6.203
1301	13.00	7.669	10.172	12.729	13.521	10.674	3.327	-7.546	-19.047	-27.202	-28.491
1311	13.10	-21.477	-7.749	8.315	21.018	25.530	19.893	6.002	-10.929	-24.263	-28.431
1321	13.20	-21.056	-3.822	18.197	38.433	51.126	53.119	44.502	28.036	7.798	-12.262
1331	13.30	-29.241	-41.441	-47.986	-48.347	-42.217	-29.860	-12.697	6.352	23.176	33.536
1341	13.40	34.528	25.824	10.058	-7.928	-22.754	-30.432	-29.748	-22.509	-12.586	-4.196
1351	13.50	-0.185	-1.057	-5.099	-9.450	-11.546	-10.247	-6.172	-1.158	2.800	4.566
1361	13.60	4.358	3.517	3.725	6.109	10.655	16.207	20.988	23.367	22.493	18.535
1371	13.70	12.477	5.638	-0.821	-6.180	-10.156	-12.707	-13.809	-13.369	-11.319	-7.802
1381	13.80	-3.320	1.300	5.132	7.489	8.214	7.762	7.037	7.021	8.355	11.037
1391	13.90	14.349	17.052	17.743	15.288	9.162	-0.352	-12.155	-24.490	-35.225	-42.235
1401	14.00	-43.819	-39.106	-28.357	-13.102	4.043	19.823	31.044	35.361	31.932	21.721
1411	14.10	7.339	-7.598	-19.406	-25.323	-24.237	-16.936	-5.795	5.979	15.313	20.126
1421	14.20	19.813	15.237	8.271	1.080	-4.578	-7.799	-8.623	-7.769	-6.201	-4.703
1431	14.30	-3.633	-2.929	-2.302	-1.490	-0.442	0.650	1.462	1.706	1.256	0.180
1441	14.40	-1.341	-3.115	-5.000	-6.870	-8.516	-9.560	-9.468	-7.700	-3.971	1.515
1451	14.50	7.969	14.155	18.725	20.652	19.554	15.805	10.368	4.435	-0.956	-5.171
1461	14.60	-8.019	-9.590	-10.040	-9.432	-7.746	-5.009	-1.454	2.423	5.986	8.707
1471	14.70	10.416	11.388	12.190	13.328	14.861	16.194	16.196	13.649	7.849	-0.898
1481	14.80	-11.145	-20.622	-26.925	-28.314	-24.305	-15.831	-4.915	5.984	14.717	19.983
1491	14.90	21.509	19.869	16.082	11.188	5.971	0.896	-3.776	-7.817	-10.926	-12.735

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

INDEX NO. 2023 501-GR-1-152 HB. (HB.) FUTTU CAPE MAX. ACC. = -122.831 (GAL) T= 10.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-12.936	-11.436	-8.473	-4.611	-0.622	2.728	4.882	5.641	5.192	4.016
1511	15.10	2.703	1.740	1.357	1.465	1.743	1.815	1.457	0.743	0.041	-0.143
1521	15.20	0.572	2.188	4.229	5.846	6.126	4.472	0.895	-3.941	-8.949	-13.039
1531	15.30	-15.542	-16.441	-16.290	-15.866	-15.721	-15.859	-15.717	-14.459	-11.461	-6.731
1541	15.40	-1.038	4.319	8.048	9.423	8.641	6.765	5.286	5.490	7.912	12.112
1551	15.50	16.874	20.705	22.419	21.540	18.372	13.761	8.665	3.892	-0.251	-3.683
1561	15.60	-6.426	-8.385	-9.302	-8.878	-7.004	-3.934	-0.290	3.123	5.625	6.920
1571	15.70	7.187	6.931	6.679	6.665	6.678	6.153	4.479	1.373	-2.863	-7.327
1581	15.80	-10.786	-12.111	-10.703	-6.733	-1.099	4.864	9.804	12.730	13.218	11.405
1591	15.90	7.810	3.102	-2.079	-7.196	-11.802	-15.480	-17.831	-18.536	-17.469	-14.803
1601	16.00	-11.039	-6.914	-3.208	-0.518	0.911	1.233	0.901	0.467	0.368	0.783
1611	16.10	1.609	2.561	3.330	3.721	3.716	3.429	2.989	2.427	1.631	0.407
1621	16.20	-1.366	-3.576	-5.787	-7.301	-7.381	-5.563	-1.931	2.765	7.257	10.137
1631	16.30	10.351	7.638	2.698	-2.974	-7.593	-9.719	-8.817	-5.483	-1.250	1.966
1641	16.40	2.597	0.012	-5.228	-11.567	-17.016	-19.836	-19.105	-14.943	-8.371	-0.888
1651	16.50	6.023	11.268	14.293	15.019	13.684	10.703	6.629	2.178	-1.758	-4.235
1661	16.60	-4.501	-2.324	1.785	6.596	10.486	12.002	10.438	6.181	0.657	-4.140
1671	16.70	-6.367	-5.018	-0.300	6.440	13.213	18.091	19.838	18.240	14.040	8.547
1681	16.80	3.119	-1.283	-4.300	-6.139	-7.345	-8.517	-10.094	-12.233	-14.811	-17.475
1691	16.90	-19.721	-20.981	-20.730	-18.605	-14.546	-8.875	-2.296	4.245	9.794	13.656
1701	17.00	15.599	15.888	15.160	14.157	13.446	13.214	13.225	12.940	11.739	9.172
1711	17.10	5.149	0.013	-5.499	-10.403	-13.680	-14.523	-12.571	-8.078	-1.954	4.371
1721	17.20	9.272	11.389	10.085	5.745	-0.233	-5.803	-8.916	-8.239	-3.690	3.430
1731	17.30	10.786	15.745	16.245	11.501	2.275	-9.366	-20.727	-29.339	-33.692	-33.588
1741	17.40	-30.038	-24.756	-19.481	-15.377	-12.711	-10.911	-8.930	-5.768	-0.932	5.312
1751	17.50	11.986	17.706	21.132	21.401	18.408	12.854	6.058	-0.401	-5.088	-7.060
1761	17.60	-6.056	-2.504	2.644	8.186	12.967	16.131	17.257	16.389	13.948	10.581
1771	17.70	6.995	3.800	1.412	0.012	-0.442	-0.164	0.531	1.303	1.859	2.001
1781	17.80	1.667	0.936	0.019	-0.798	-1.219	-1.023	-0.134	1.351	3.185	5.057
1791	17.90	6.695	7.966	8.913	9.717	10.585	11.612	12.670	13.389	13.236	11.688
1801	18.00	8.417	3.431	-2.886	-9.847	-16.613	-22.365	-26.435	-28.376	-27.978	-25.260
1811	18.10	-20.465	-14.068	-6.767	0.577	7.074	11.986	14.897	15.797	15.024	13.090
1821	18.20	10.443	7.306	3.653	-0.633	-5.522	-10.628	-15.189	-18.270	-19.138	-17.660
1831	18.30	-14.392	-10.647	-7.850	-7.051	-8.412	-11.050	-13.301	-13.334	-9.869	-2.709
1841	18.40	7.130	17.734	26.921	32.921	34.842	32.777	27.564	20.368	12.297	4.209
1851	18.50	-3.268	-9.584	-14.157	-16.425	-16.058	-13.234	-8.784	-4.075	-0.613	0.511
1861	18.60	-0.907	-4.024	-7.208	-8.652	-7.104	-2.423	4.284	11.009	15.560	16.356
1871	18.70	12.997	6.405	-1.515	-8.540	-12.861	-13.606	-11.002	-6.146	-0.536	4.457
1881	18.80	7.966	9.754	10.092	9.492	8.421	7.108	5.517	3.453	0.735	-2.637
1891	18.90	-6.388	-9.998	-12.814	-14.237	-13.898	-11.787	-8.289	-4.111	-0.122	2.865
1901	19.00	4.301	4.048	2.411	0.059	-2.156	-3.428	-3.201	-1.311	1.988	6.096
1911	19.10	10.219	13.554	15.464	15.609	13.997	10.965	7.081	3.003	-0.685	-3.603
1921	19.20	-5.643	-6.945	-7.789	-8.447	-9.044	-9.494	-9.538	-8.872	-7.319	-4.954
1931	19.30	-2.139	0.571	2.600	3.542	3.288	2.036	0.190	-1.793	-3.551	-4.878
1941	19.40	-5.705	-6.025	-5.828	-5.083	-3.802	-2.119	-0.336	1.124	1.857	1.667
1951	19.50	0.704	-0.535	-1.356	-1.150	0.339	2.856	5.679	7.864	8.596	7.488
1961	19.60	4.733	1.017	-2.730	-5.655	-7.235	-7.358	-6.251	-4.299	-1.873	0.749
1971	19.70	3.356	5.717	7.527	8.437	8.201	6.842	4.758	2.668	1.375	1.442
1981	19.80	2.902	5.149	7.092	7.535	5.629	1.245	-4.918	-11.514	-16.969	-19.967
1991	19.90	-19.823	-16.628	-11.126	-4.421	2.365	8.350	12.990	16.048	17.490	17.388

Table 7-15-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 2023 501-GR-1-152 HB. (HB.) FUTTU CAPE MAX. ACC. = -122.831 (GAL) T= 10.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	15.896	13.268	9.892	6.269	2.926	0.292	-1.425	-2.276	-2.504	-2.410
2011	20.10	-2.200	-1.900	-1.372	-0.429	1.016	2.841	4.701	6.117	6.628	5.935
2021	20.20	3.987	0.977	-2.718	-6.625	-10.251	-13.135	-14.895	-15.290	-14.305	-12.224
2031	20.30	-9.626	-7.279	-5.909	-5.921	-7.163	-8.986	-10.243	-9.872	-7.238	-2.458
2041	20.40	3.572	9.464	13.841	15.849	15.462	13.444	10.978	9.137	8.416	8.550
2051	20.50	8.684	7.822	5.343	1.350	-3.313	-7.362	-9.568	-9.208	-6.296	-1.495
2061	20.60	4.180	9.754	14.539	18.173	20.461	21.168	19.898	16.196	9.817	1.042
2071	20.70	-9.144	-19.166	-27.249	-31.972	-32.753	-30.060	-25.243	-20.048	-15.998	-13.892
2081	20.80	-13.609	-14.275	-14.695	-13.868	-11.366	-7.455	-2.942	1.150	3.931	4.890
2091	20.90	3.968	1.491	-1.974	-5.763	-9.201	-11.666	-12.621	-11.683	-8.705	-3.852
2101	21.00	2.379	9.222	15.796	21.295	25.152	27.138	27.351	26.129	23.929	21.208
2111	21.10	18.354	15.654	13.292	11.355	9.846	8.692	7.769	6.942	6.109	5.233
2121	21.20	4.347	3.532	2.874	2.442	2.281	2.434	2.963	3.931	5.344	7.063
2131	21.30	8.737	9.815	9.661	7.769	3.979	-1.376	-7.489	-13.282	-17.718	-20.117
2141	21.40	-20.341	-18.780	-16.136	-13.122	-10.192	-7.436	-4.671	-1.663	1.615	4.850
2151	21.50	7.431	8.671	8.104	5.717	2.028	-2.046	-5.479	-7.456	-7.618	-6.143
2161	21.60	-3.640	-0.922	1.263	2.436	2.483	1.638	0.354	-0.852	-1.554	-1.534
2171	21.70	-0.834	0.256	1.268	1.677	1.039	-0.875	-3.993	-7.925	-12.035	-15.577
2181	21.80	-17.869	-18.456	-17.218	-14.394	-10.523	-6.308	-2.461	0.457	2.141	2.575
2191	21.90	1.993	0.764	-0.738	-2.247	-3.660	-4.999	-6.311	-7.547	-8.483	-8.743
2201	22.00	-7.919	-5.771	-2.383	1.776	5.960	9.391	11.549	12.381	12.323	12.111
2211	22.10	12.455	13.714	15.716	17.826	19.211	19.216	17.639	14.815	11.436	8.229
2221	22.20	5.630	3.620	1.805	-0.302	-2.959	-5.973	-8.728	-10.421	-10.428	-8.600
2231	22.30	-5.357	-1.539	1.917	4.314	5.409	5.400	4.739	3.863	3.002	2.128
2241	22.40	1.073	-0.292	-1.908	-3.495	-4.659	-5.065	-4.582	-3.340	-1.663	0.055
2251	22.50	1.480	2.402	2.731	2.451	1.596	0.264	-1.338	-2.866	-3.890	-4.032
2261	22.60	-3.137	-1.406	0.616	2.202	2.722	1.912	0.001	-2.360	-4.357	-5.338
2271	22.70	-5.058	-3.725	-1.840	0.073	1.717	3.114	4.492	6.048	7.702	9.039
2281	22.80	9.413	8.254	5.377	1.165	-3.494	-7.499	-9.934	-10.402	-9.145	-6.912
2291	22.90	-4.631	-3.044	-2.448	-2.649	-3.119	-3.271	-2.711	-1.386	0.430	2.269
2301	23.00	3.647	4.211	3.806	2.457	0.338	-2.308	-5.196	-8.024	-10.495	-12.347
2311	23.10	-13.388	-13.535	-12.819	-11.371	-9.381	-7.064	-4.647	-2.364	-0.467	0.802
2321	23.20	1.270	0.911	-0.081	-1.292	-2.172	-2.207	-1.104	1.068	3.864	6.595
2331	23.30	8.558	9.285	8.712	7.186	5.324	3.765	2.934	2.905	3.415	4.014
2341	23.40	4.279	3.991	3.217	2.252	1.479	1.206	1.557	2.446	3.639	4.851
2351	23.50	5.833	6.412	6.493	6.046	5.104	3.794	2.369	1.204	0.722	1.249
2361	23.60	2.852	5.229	7.734	9.565	10.045	8.916	6.496	3.607	1.297	0.431
2371	23.70	1.333	3.621	6.320	8.216	8.310	6.187	2.152	-2.910	-7.875	-11.774
2381	23.80	-14.074	-14.750	-14.146	-12.732	-10.884	-8.781	-6.462	-3.967	-1.471	0.682
2391	23.90	2.063	2.339	1.427	-0.432	-2.737	-4.892	-6.402	-7.011	-6.736	-5.811
2401	24.00	-4.577	-3.374	-2.486	-2.124	-2.422	-3.412	-4.989	-6.865	-8.583	-9.606
2411	24.10	-9.478	-7.998	-5.348	-2.083	1.005	3.133	3.770	2.809	0.583	-2.257
2421	24.20	-4.962	-6.908	-7.751	-7.477	-6.337	-4.723	-3.026	-1.529	-0.352	0.545
2431	24.30	1.305	2.090	2.992	3.966	4.822	5.280	5.088	4.167	2.711	1.203
2441	24.40	0.296	0.603	2.454	5.726	9.823	13.835	16.819	18.098	17.471	15.241
2451	24.50	12.076	8.759	5.951	4.041	3.135	3.143	3.893	5.195	6.832	8.506
2461	24.60	9.784	10.166	9.203	6.695	2.849	-1.698	-6.018	-9.175	-10.527	-9.953
2471	24.70	-7.886	-5.158	-2.696	-1.204	-0.939	-1.658	-2.751	-3.481	-3.250	-1.793
2481	24.80	0.753	3.913	7.033	9.464	10.741	10.676	9.382	7.205	4.606	2.020
2491	24.90	-0.258	-2.127	-3.655	-4.986	-6.222	-7.327	-8.106	-8.273	-7.585	-5.981

Table 7-15-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 2023 501-GR-1-152 HB. (HB.) FUTTU CAPE MAX. ACC. = -122.831 (GAL) T= 10.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.668	-1.096	1.168	2.631	3.033	2.436	1.170	-0.305	-1.579	-2.437
2511	25.10	-2.894	-3.143	-3.423	-3.899	-4.587	-5.370	-6.070	-6.534	-6.699	-6.587
2521	25.20	-6.272	-5.818	-5.254	-4.574	-3.787	-2.950	-2.187	-1.660	-1.506	-1.779
2531	25.30	-2.419	-3.269	-4.125	-4.804	-5.188	-5.249	-5.037	-4.665	-4.300	-4.147
2541	25.40	-4.429	-5.323	-6.876	-8.900	-10.935	-12.286	-12.203	-10.128	-5.951	-0.148
2551	25.50	6.260	11.967	15.760	16.906	15.388	11.893	7.570	3.636	0.991	-0.021
2561	25.60	0.380	1.596	2.946	3.927	4.346	4.293	4.001	3.685	3.438	3.239
2571	25.70	3.029	2.815	2.711	2.911	3.583	4.760	6.281	7.824	9.005	9.520
2581	25.80	9.247	8.269	6.828	5.229	3.735	2.518	1.650	1.131	0.924	0.965
2591	25.90	1.158	1.360	1.396	1.095	0.361	-0.767	-2.102	-3.352	-4.222	-4.524
2601	26.00	-4.260	-3.631	-2.967	-2.602	-2.746	-3.410	-4.397	-5.378	-6.012	-6.064
2611	26.10	-5.472	-4.360	-2.976	-1.607	-0.489	0.250	0.594	0.598	0.332	-0.178
2621	26.20	-0.962	-2.077	-3.539	-5.254	-6.972	-8.312	-8.860	-8.312	-6.618	-4.062
2631	26.30	-1.225	1.157	2.425	2.215	0.596	-1.936	-4.622	-6.687	-7.593	-7.199
2641	26.40	-5.761	-3.798	-1.875	-0.399	0.493	0.908	1.076	1.202	1.359	1.479
2651	26.50	1.445	1.214	0.917	0.861	1.423	2.888	5.292	8.355	11.542	14.227
2661	26.60	15.908	16.370	15.746	14.435	12.937	11.659	10.782	10.234	9.772	9.118
2671	26.70	8.084	6.637	4.873	2.933	0.919	-1.153	-3.314	-5.566	-7.794	-9.731
2681	26.80	-11.013	-11.308	-10.460	-8.594	-6.114	-3.596	-1.597	-0.487	-0.339	-0.945
2691	26.90	-1.941	-2.974	-3.843	-4.551	-5.246	-6.094	-7.148	-8.276	-9.193	-9.570
2701	27.00	-9.188	-8.046	-6.387	-4.618	-3.164	-2.307	-2.090	-2.303	-2.572	-2.496
2711	27.10	-1.792	-0.392	1.541	3.672	5.602	6.986	7.629	7.526	6.852	5.897
2721	27.20	4.975	4.335	4.090	4.191	4.452	4.614	4.436	3.788	2.704	1.388
2731	27.30	0.159	-0.647	-0.790	-0.216	0.912	2.243	3.339	3.803	3.405	2.154
2741	27.40	0.307	-1.701	-3.385	-4.352	-4.413	-3.638	-2.323	-0.901	0.196	0.659
2751	27.50	0.391	-0.487	-1.687	-2.857	-3.693	-4.027	-3.864	-3.361	-2.759	-2.295
2761	27.60	-2.119	-2.253	-2.584	-2.913	-3.024	-2.763	-2.091	-1.097	0.035	1.094
2771	27.70	1.918	2.451	2.748	2.947	3.190	3.560	4.035	4.503	4.815	4.860
2781	27.80	4.620	4.177	3.666	3.203	2.818	2.434	1.911	1.120	0.030	-1.256
2791	27.90	-2.528	-3.555	-4.178	-4.370	-4.228	-3.902	-3.489	-2.967	-2.201	-1.024
2801	28.00	0.636	2.650	4.668	6.205	6.803	6.215	4.523	2.134	-0.336	-2.258
2811	28.10	-3.186	-2.975	-1.801	-0.061	1.767	3.270	4.191	4.448	4.108	3.320
2821	28.20	2.273	1.154	0.140	-0.620	-1.030	-1.079	-0.874	-0.636	-0.659	-1.216
2831	28.30	-2.458	-4.327	-6.526	-8.579	-9.962	-10.275	-9.390	-7.524	-5.189	-3.045
2841	28.40	-1.683	-1.427	-2.220	-3.647	-5.085	-5.925	-5.775	-4.589	-2.640	-0.398
2851	28.50	1.661	3.210	4.146	4.555	4.608	4.458	4.179	3.793	3.333	2.906
2861	28.60	2.701	2.923	3.681	4.903	6.328	7.593	8.386	8.573	8.251	7.665
2871	28.70	7.058	6.503	5.842	4.757	2.958	0.395	-2.627	-5.498	-7.518	-8.185
2881	28.80	-7.430	-5.672	-3.667	-2.209	-1.820	-2.556	-4.011	-5.513	-6.407	-6.297
2891	28.90	-5.157	-3.273	-1.086	0.985	2.653	3.767	4.258	4.071	3.162	1.556
2901	29.00	-0.575	-2.863	-4.803	-5.894	-5.830	-4.642	-2.718	-0.682	0.826	1.388
2911	29.10	0.948	-0.184	-1.469	-2.354	-2.472	-1.761	-0.457	1.011	2.173	2.660
2921	29.20	2.289	1.087	-0.743	-2.882	-4.968	-6.660	-7.700	-7.948	-7.411	-6.227
2931	29.30	-4.637	-2.919	-1.327	-0.042	0.853	1.359	1.535	1.470	1.259	1.000
2941	29.40	0.792	0.733	0.911	1.386	2.174	3.249	4.544	5.970	7.421	8.768
2951	29.50	9.856	10.502	10.526	9.803	8.334	6.294	4.034	2.011	0.668	0.293
2961	29.60	0.922	2.323	4.058	5.631	6.629	6.832	6.252	5.082	3.608	2.115
2971	29.70	0.819	-0.149	-0.733	-0.923	-0.741	-0.245	0.460	1.222	1.854	2.171
2981	29.80	2.033	1.373	0.209	-1.366	-3.207	-5.130	-6.927	-8.373	-9.246	-9.370
2991	29.90	-8.663	-7.197	-5.209	-3.070	-1.203	0.034	0.446	0.055	-0.914	-2.118

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

INDEX NO. 2023 501-GR-1-152 HB. (HB.) FUTTU CAPE MAX. ACC. = -122.831 (GAL) T= 10.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.199	-3.890	-4.066	-3.754	-3.091	-2.265	-1.459	-0.826	-0.470	-0.444
3011	30.10	-0.753	-1.349	-2.133	-2.966	-3.694	-4.177	-4.310	-4.038	-3.347	-2.248
3021	30.20	-0.771	1.024	3.030	5.067	6.890	8.228	8.862	8.704	7.849	6.564
3031	30.30	5.213	4.133	3.511	3.326	3.356	3.276	2.789	1.743	0.190	-1.662
3041	30.40	-3.441	-4.918	-5.897	-6.342	-6.333	-6.005	-5.485	-4.866	-4.211	-3.572
3051	30.50	-3.021	-2.644	-2.515	-2.666	-3.059	-3.592	-4.133	-4.565	-4.822	-4.899
3061	30.60	-4.831	-4.650	-4.364	-3.949	-3.371	-2.626	-1.757	-0.850	0.011	0.791
3071	30.70	1.540	2.382	3.453	4.818	6.401	7.964	9.171	9.696	9.357	8.199
3081	30.80	6.505	4.707	3.246	2.424	2.314	2.755	3.440	4.040	4.333	4.260
3091	30.90	3.919	3.488	3.133	2.932	2.859	2.813	2.683	2.403	1.981	1.480
3101	31.00	0.973	0.504	0.059	-0.417	-0.986	-1.668	-2.425	-3.156	-3.738	-4.071
3111	31.10	-4.113	-3.900	-3.531	-3.133	-2.814	-2.637	-2.594	-2.617	-2.595	-2.409
3121	31.20	-1.968	-1.247	-0.303	0.716	1.602	2.126	2.102	1.448	0.219	-1.394
3131	31.30	-3.102	-4.591	-5.597	-5.965	-5.672	-4.817	-3.575	-2.151	-0.736	0.517
3141	31.40	1.507	2.181	2.535	2.611	2.486	2.260	2.023	1.830	1.682	1.527
3151	31.50	1.291	0.918	0.412	-0.153	-0.654	-0.963	-1.001	-0.773	-0.367	0.084
3161	31.60	0.452	0.659	0.697	0.602	0.427	0.203	-0.069	-0.394	-0.760	-1.102
3171	31.70	-1.313	-1.274	-0.912	-0.240	0.629	1.513	2.225	2.634	2.705	2.494
3181	31.80	2.109	1.656	1.206	0.780	0.382	0.027	-0.236	-0.337	-0.212	0.140
3191	31.90	0.640	1.127	1.400	1.273	0.634	-0.534	-2.147	-4.045	-6.015	-7.819
3201	32.00	-9.208	-9.948	-9.860	-8.868	-7.047	-4.641	-2.034	0.330	2.064	2.938
3211	32.10	2.930	2.208	1.052	-0.257	-1.513	-2.616	-3.539	-4.258	-4.698	-4.724
3221	32.20	-4.192	-3.038	-1.353	0.600	2.442	3.801	4.448	4.385	3.849	3.227
3231	32.30	2.913	3.162	4.003	5.236	6.506	7.433	7.729	7.284	6.174	4.631
3241	32.40	2.958	1.452	0.328	-0.315	-0.507	-0.376	-0.107	0.121	0.201	0.127
3251	32.50	0.006	0.012	0.319	1.019	2.065	3.272	4.359	5.055	5.189	4.758
3261	32.60	3.927	2.972	2.173	1.727	1.680	1.940	2.326	2.641	2.756	2.628
3271	32.70	2.292	1.829	1.314	0.789	0.257	-0.306	-0.926	-1.609	-2.336	-3.058
3281	32.80	-3.701	-4.181	-4.411	-4.326	-3.909	-3.217	-2.387	-1.628	-1.173	-1.211
3291	32.90	-1.827	-2.963	-4.430	-5.954	-7.258	-8.131	-8.470	-8.284	-7.658	-6.715
3301	33.00	-5.587	-4.399	-3.282	-2.368	-1.774	-1.564	-1.703	-2.036	-2.313	-2.260
3311	33.10	-1.684	-0.562	0.932	2.470	3.679	4.282	4.195	3.561	2.692	1.944
3321	33.20	1.593	1.742	2.306	3.076	3.814	4.357	4.659	4.791	4.875	5.021
3331	33.30	5.263	5.548	5.766	5.796	5.557	5.042	4.314	3.481	2.659	1.939
3341	33.40	1.368	0.947	0.645	0.424	0.254	0.127	0.059	0.077	0.199	0.421
3351	33.50	0.707	0.996	1.220	1.335	1.337	1.263	1.175	1.121	1.113	1.107
3361	33.60	1.028	0.811	0.445	-0.002	-0.391	-0.567	-0.426	0.027	0.665	1.278
3371	33.70	1.650	1.666	1.263	0.624	-0.080	-0.682	-1.108	-1.409	-1.721	-2.191
3381	33.80	-2.894	-3.787	-4.722	-5.507	-5.989	-6.119	-5.961	-5.650	-5.323	-5.057
3391	33.90	-4.841	-4.613	-4.318	-3.970	-3.676	-3.603	-3.900	-4.620	-5.670	-6.825
3401	34.00	-7.808	-8.382	-8.441	-8.027	-7.297	-6.431	-5.549	-4.663	-3.701	-2.571
3411	34.10	-1.245	0.196	1.574	2.683	3.385	3.672	3.672	3.589	3.601	3.780
3421	34.20	4.061	4.286	4.299	4.037	3.573	3.090	2.784	2.765	2.998	3.316
3431	34.30	3.512	3.459	3.187	2.893	2.852	3.285	4.234	5.519	6.784	7.630
3441	34.40	7.764	7.106	5.802	4.149	2.474	1.017	-0.125	-0.982	-1.645	-2.185
3451	34.50	-2.614	-2.890	-2.957	-2.797	-2.456	-2.022	-1.589	-1.210	-0.882	-0.566
3461	34.60	-0.224	0.139	0.468	0.681	0.716	0.565	0.288	-0.021	-0.283	-0.470
3471	34.70	-0.621	-0.807	-1.078	-1.415	-1.720	-1.855	-1.704	-1.249	-0.590	0.072
3481	34.80	0.512	0.569	0.210	-0.451	-1.195	-1.777	-2.013	-1.835	-1.314	-0.628
3491	34.90	-0.005	0.335	0.243	-0.324	-1.291	-2.472	-3.605	-4.406	-4.636	-4.166

Table 7-15-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 2023 501-GR-1-152 HB. (HB.) FUTTU CAPE MAX. ACC. = -122.831 (GAL) T= 10.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.026	-1.404	0.394	2.024	3.202	3.779	3.775	3.354	2.761	2.239
3511	35.10	1.962	1.998	2.320	2.834	3.429	4.005	4.490	4.841	5.036	5.070
3521	35.20	4.959	4.740	4.469	4.211	4.015	3.899	3.843	3.795	3.699	3.518
3531	35.30	3.254	2.945	2.643	2.387	2.179	1.976	1.712	1.319	0.766	0.071
3541	35.40	-0.702	-1.466	-2.149	-2.720	-3.198	-3.642	-4.121	-4.684	-5.328	-5.997
3551	35.50	-6.590	-6.996	-7.124	-6.936	-6.459	-5.782	-5.038	-4.375	-3.922	-3.765
3561	35.60	-3.932	-4.390	-5.047	-5.767	-6.396	-6.779	-6.793	-6.371	-5.519	-4.329
3571	35.70	-2.960	-1.614	-0.482	0.301	0.693	0.762	0.659	0.566	0.640	0.956
3581	35.80	1.488	2.124	2.721	3.167	3.421	3.534	3.610	3.753	4.006	4.319
3591	35.90	4.564	4.588	4.289	3.675	2.878	2.124	1.650	1.624	2.081	2.911
3601	36.00	3.902	4.806	5.420	5.630	5.421	4.857	4.038	3.073	2.063	1.108
3611	36.10	0.305	-0.258	-0.524	-0.497	-0.258	0.050	0.263	0.265	0.035	-0.335
3621	36.20	-0.673	-0.795	-0.589	-0.063	0.650	1.342	1.811	1.930	1.692	1.194
3631	36.30	0.595	0.048	-0.340	-0.524	-0.514	-0.345	-0.056	0.312	0.714	1.093
3641	36.40	1.387	1.541	1.527	1.354	1.057	0.664	0.178	-0.440	-1.244	-2.261
3651	36.50	-3.451	-4.688	-5.794	-6.600	-7.023	-7.105	-6.999	-6.897	-6.937	-7.127
3661	36.60	-7.337	-7.354	-6.990	-6.179	-5.024	-3.762	-2.666	-1.931	-1.604	-1.579
3671	36.70	-1.672	-1.727	-1.696	-1.656	-1.748	-2.084	-2.653	-3.294	-3.748	-3.763
3681	36.80	-3.204	-2.116	-0.711	0.718	1.907	2.717	3.159	3.362	3.491	3.670
3691	36.90	3.936	4.249	4.530	4.718	4.802	4.817	4.817	4.843	4.898	4.949
3701	37.00	4.952	4.874	4.706	4.463	4.171	3.847	3.503	3.147	2.799	2.490
3711	37.10	2.254	2.109	2.034	1.967	1.824	1.532	1.066	0.464	-0.187	-0.784
3721	37.20	-1.253	-1.580	-1.809	-2.011	-2.250	-2.541	-2.852	-3.119	-3.289	-3.343
3731	37.30	-3.308	-3.234	-3.159	-3.080	-2.946	-2.680	-2.225	-1.577	-0.796	0.012
3741	37.40	0.741	1.333	1.793	2.177	2.548	2.932	3.284	3.510	3.510	3.240
3751	37.50	2.756	2.212	1.809	1.717	2.007	2.607	3.332	3.945	4.246	4.138
3761	37.60	3.654	2.928	2.138	1.439	0.919	0.594	0.434	0.392	0.436	0.552
3771	37.70	0.729	0.937	1.123	1.212	1.140	0.875	0.434	-0.120	-0.705	-1.243
3781	37.80	-1.679	-1.980	-2.124	-2.087	-1.840	-1.371	-0.701	0.089	0.870	1.490
3791	37.90	1.827	1.830	1.542	1.080	0.588	0.176	-0.114	-0.319	-0.524	-0.613
3801	38.00	-1.234	-1.779	-2.400	-3.039	-3.659	-4.250	-4.813	-5.339	-5.789	-6.093
3811	38.10	-6.178	-6.003	-5.572	-4.943	-4.195	-3.404	-2.618	-1.870	-1.194	-0.661
3821	38.20	-0.374	-0.435	-0.887	-1.653	-2.525	-3.202	-3.394	-2.928	-1.837	-0.364
3831	38.30	1.116	2.225	2.721	2.571	1.950	1.153	0.473	0.092	0.039	0.209
3841	38.40	0.440	0.591	0.603	0.499	0.355	0.253	0.241	0.326	0.480	0.664
3851	38.50	0.838	0.966	1.020	0.978	0.853	0.700	0.627	0.770	1.237	2.048
3861	38.60	3.100	4.169	4.983	5.314	5.076	4.362	3.411	2.517	1.912	1.675
3871	38.70	1.719	1.842	1.826	1.533	0.954	0.190	-0.610	-1.332	-1.943	-2.491
3881	38.80	-3.050	-3.661	-4.289	-4.826	-5.134	-5.115	-4.765	-4.179	-3.527	-2.990
3891	38.90	-2.699	-2.700	-2.953	-3.357	-3.789	-4.141	-4.338	-4.335	-4.121	-3.706
3901	39.00	-3.125	-2.429	-1.684	-0.954	-0.291	0.276	0.739	1.104	1.380	1.575
3911	39.10	1.704	1.798	1.918	2.147	2.569	3.233	4.125	5.152	6.163	6.988
3921	39.20	7.491	7.601	7.322	6.717	5.870	4.865	3.775	2.677	1.674	0.903
3931	39.30	0.511	0.616	1.241	2.287	3.530	4.683	5.470	5.720	5.411	4.671
3941	39.40	3.714	2.765	1.974	1.386	0.939	0.524	0.039	-0.560	-1.240	-1.914
3951	39.50	-2.477	-2.848	-2.992	-2.924	-2.690	-2.348	-1.954	-1.557	-1.203	-0.939
3961	39.60	-0.816	-0.870	-1.114	-1.527	-2.046	-2.589	-3.067	-3.405	-3.558	-3.509
3971	39.70	-3.264	-2.849	-2.301	-1.671	-1.028	-0.456	-0.040	0.157	0.110	-0.148
3981	39.80	-0.540	-0.965	-1.333	-1.601	-1.781	-1.926	-2.105	-2.358	-2.681	-3.022
3991	39.90	-3.315	-3.514	-3.623	-3.699	-3.827	-4.076	-4.456	-4.899	-5.284	-5.474

Table 7－15－9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 2023 501-GR-1-152 HB. (HB.) FUTTU CAPE MAX. ACC. = -122.831 (GAL) T= 10.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-5.377	-4.983	-4.367	-3.670	-3.044	-2.610	-2.433	-2.519	-2.830	-3.307
4011	40.10	-3.870	-4.422	-4.834	-4.956	-4.642	-3.804	-2.456	-0.743	1.083	2.727
4021	40.20	3.943	4.613	4.784	4.641	4.438	4.397	4.636	5.142	5.797	6.448
4031	40.30	6.971	7.318	7.529	7.655	7.804	8.010	8.264	8.516	8.695	8.728
4041	40.40	8.558	8.147	7.492	6.631	5.661	4.737	4.044	3.750	3.935	4.543
4051	40.50	5.372	6.119	6.680	6.253	5.420	4.153	2.759	1.562	0.793	0.520
4061	40.60	0.647	0.980	1.317	1.528	1.578	1.499	1.323	1.033	0.552	-0.217
4071	40.70	-1.317	-2.674	-4.084	-5.261	-5.942	-5.988	-5.451	-4.563	-3.654	-3.032
4081	40.80	-2.873	-3.169	-3.753	-4.381	-4.842	-5.035	-4.996	-4.857	-4.775	-4.850
4091	40.90	-5.080	-5.373	-5.586	-5.593	-5.335	-4.836	-4.187	-3.503	-2.879	-2.368
4101	41.00	-1.978	-1.691	-1.498	-1.410	-1.457	-1.671	-2.053	-2.551	-3.055	-3.426
4111	41.10	-3.532	-3.301	-2.759	-2.032	-1.321	-0.865	-0.769	-1.146	-1.892	-2.810
4121	41.20	-3.648	-4.184	-4.299	-4.011	-3.465	-2.872	-2.425	-2.234	-2.286	-2.464
4131	41.30	-2.605	-2.572	-2.309	-1.859	-1.336	-0.870	-0.543	-0.363	-0.257	-0.114
4141	41.40	0.169	0.641	1.287	2.036	2.795	3.479	4.033	4.428	4.659	4.731
4151	41.50	4.662	4.494	4.298	4.173	4.220	4.501	5.003	5.623	6.184	6.489
4161	41.60	6.393	5.853	4.957	3.898	2.907	2.183	1.834	1.852	2.139	2.550
4171	41.70	2.948	3.239	3.377	3.355	3.176	2.838	2.340	1.692	0.935	0.148
4181	41.80	-0.566	-1.111	-1.424	-1.503	-1.404	-1.217	-1.035	-0.919	-0.880	-0.886
4191	41.90	-0.884	-0.828	-0.704	-0.534	-0.368	-0.262	-0.249	-0.334	-0.486	-0.658
4201	42.00	-0.804	-0.899	-0.946	-0.971	-1.008	-1.084	-1.205	-1.353	-1.501	-1.621
4211	42.10	-1.701	-1.749	-1.789	-1.843	-1.925	-2.027	-2.127	-2.196	-2.214	-2.174
4221	42.20	-2.084	-1.956	-1.802	-1.624	-1.423	-1.207	-1.004	-0.859	-0.816	-0.897
4231	42.30	-1.077	-1.284	-1.409	-1.354	-1.067	-0.575	0.020	0.576	0.962	1.111
4241	42.40	1.045	0.863	0.697	0.667	0.830	1.176	1.643	2.152	2.640	3.080
4251	42.50	3.470	3.814	4.102	4.307	4.397	4.354	4.195	3.966	3.724	3.510
4261	42.60	3.321	3.118	2.039	2.443	1.936	1.382	0.886	0.551	0.443	0.557
4271	42.70	0.824	1.132	1.369	1.458	1.367	1.110	0.723	0.246	-0.298	-0.895
4281	42.80	-1.539	-2.215	-2.901	-3.567	-4.190	-4.759	-5.286	-5.793	-6.306	-6.838
4291	42.90	-7.379	-7.894	-8.326	-8.608	-8.675	-8.479	-8.004	-7.271	-6.343	-5.311
4301	43.00	-4.282	-3.355	-2.603	-2.052	-1.688	-1.461	-1.304	-1.157	-0.978	-0.753
4311	43.10	-0.494	-0.227	0.020	0.223	0.377	0.499	0.626	0.809	1.106	1.555
4321	43.20	2.169	2.914	3.720	4.491	5.133	5.584	5.829	5.905	5.880	5.830
4331	43.30	5.808	5.827	5.866	5.882	5.838	5.716	5.527	5.299	5.060	4.829
4341	43.40	4.599	4.352	4.061	3.706	3.284	2.803	2.277	1.716	1.120	0.477
4351	43.50	-0.228	-1.007	-1.852	-2.733	-3.594	-4.367	-4.982	-5.388	-5.574	-5.578
4361	43.60	-5.477	-5.363	-5.318	-5.370	-5.484	-5.564	-5.488	-5.153	-4.522	-3.643
4371	43.70	-2.634	-1.650	-0.826	-0.238	0.116	0.291	0.367	0.402	0.420	0.411
4381	43.80	0.358	0.266	0.181	0.171	0.307	0.622	1.098	1.670	2.255	2.792
4391	43.90	3.258	3.678	4.088	4.508	4.915	5.240	5.397	5.326	5.022	4.552
4401	44.00	4.032	3.582	3.285	3.159	3.160	3.206	3.222	3.167	3.046	2.896
4411	44.10	2.760	2.664	2.600	2.537	2.433	2.259	2.004	1.680	1.307	0.907
4421	44.20	0.496	0.091	-0.291	-0.623	-0.879	-1.042	-1.120	-1.146	-1.174	-1.257
4431	44.30	-1.426	-1.677	-1.967	-2.237	-2.436	-2.546	-2.591	-2.632	-2.732	-2.938
4441	44.40	-3.251	-3.630	-4.007	-4.316	-4.517	-4.609	-4.625	-4.611	-4.604	-4.609
4451	44.50	-4.602	-4.534	-4.355	-4.032	-3.561	-2.970	-2.309	-1.640	-1.022	-0.505
4461	44.60	-0.128	0.085	0.126	0.002	-0.260	-0.618	-1.015	-1.395	-1.712	-1.933
4471	44.70	-2.047	-2.060	-1.984	-1.834	-1.620	-1.345	-1.008	-0.611	-0.159	0.329
4481	44.80	0.824	1.290	1.681	1.956	2.085	2.060	1.902	1.661	1.407	1.213
4491	44.90	1.138	1.205	1.400	1.672	1.955	2.188	2.335	2.394	2.391	2.368

Table 7－15－10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2023 501-GR-1-152 HB. (HB.) FUTTU CAPE MAX. ACC. = -122.831 (GAL) T= 10.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.361	2.388	2.443	2.506	2.549	2.551	2.506	2.419	2.306	2.180
4511	45.10	2.048	1.910	1.757	1.581	1.377	1.142	0.879	0.596	0.298	-0.005
4521	45.20	-0.301	-0.568	-0.780	-0.901	-0.896	-0.747	-0.457	-0.068	0.345	0.686
4531	45.30	0.863	0.813	0.528	0.057	-0.504	-1.048	-1.491	-1.798	-1.993	-2.137
4541	45.40	-2.291	-2.485	-2.696	-2.856	-2.889	-2.743	-2.421	-1.983	-1.519	-1.108
4551	45.50	-0.786	-0.532	-0.287	0.008	0.370	0.755	1.075	1.229	1.155	0.857
4561	45.60	0.409	-0.077	-0.492	-0.777	-0.931	-1.007	-1.077	-1.197	-1.389	-1.640
4571	45.70	-1.921	-2.204	-2.478	-2.738	-2.975	-3.159	-3.237	-3.149	-2.851	-2.339
4581	45.80	-1.665	-0.921	-0.219	0.346	0.720	0.902	0.939	0.898	0.853	0.855
4591	45.90	0.926	1.058	1.223	1.382	1.506	1.582	1.623	1.663	1.737	1.870
4601	46.00	2.055	2.255	2.413	2.484	2.465	2.406	2.397	2.527	2.831	3.250
4611	46.10	3.635	3.782	3.518	2.776	1.643	0.345	-0.822	-1.599	-1.859	-1.652
4621	46.20	-1.178	-0.703	-0.453	-0.527	-0.866	-1.293	-1.593	-1.603	-1.276	-0.689
4631	46.30	-0.004	0.595	0.968	1.056	0.884	0.539	0.131	-0.235	-0.480	-0.560
4641	46.40	-0.467	-0.232	0.082	0.382	0.570	0.569	0.350	-0.052	-0.540	-0.988
4651	46.50	-1.279	-1.343	-1.185	-0.874	-0.516	-0.214	-0.035	0.001	-0.079	-0.231
4661	46.60	-0.408	-0.583	-0.743	-0.878	-0.973	-0.999	-0.924	-0.724	-0.405	-0.008
4671	46.70	0.399	0.737	0.942	0.986	0.885	0.690	0.468	0.282	0.171	0.144
4681	46.80	0.183	0.262	0.358	0.466	0.601	0.789	1.051	1.387	1.771	2.147
4691	46.90	2.448	2.614	2.615	2.461	2.204	1.913	1.657	1.473	1.358	1.267
4701	47.00	1.134	0.900	0.538	0.069	-0.448	-0.932	-1.307	-1.527	-1.588	-1.521
4711	47.10	-1.375	-1.201	-1.028	-0.864	-0.697	-0.511	-0.299	-0.071	0.149	0.326
4721	47.20	0.427	0.433	0.341	0.167	-0.060	-0.303	-0.523	-0.685	-0.761	-0.732
4731	47.30	-0.590	-0.341	-0.005	0.387	0.793	1.173	1.494	1.736	1.901	2.003
4741	47.40	2.071	2.128	2.190	2.250	2.289	2.277	2.194	2.042	1.846	1.653
4751	47.50	1.508	1.436	1.427	1.426	1.359	1.156	0.782	0.258	-0.347	-0.934
4761	47.60	-1.417	-1.751	-1.951	-2.078	-2.209	-2.402	-2.668	-2.969	-3.233	-3.392
4771	47.70	-3.406	-3.280	-3.058	-2.797	-2.544	-2.328	-2.157	-2.039	-1.992	-2.048
4781	47.80	-2.237	-2.561	-2.969	-3.359	-3.595	-3.553	-3.174	-2.490	-1.629	-0.778
4791	47.90	-0.122	0.211	0.193	-0.106	-0.549	-0.980	-1.283	-1.411	-1.391	-1.300
4801	48.00	-1.229	-1.241	-1.350	-1.517	-1.670	-1.732	-1.653	-1.430	-1.109	-0.765
4811	48.10	-0.476	-0.287	-0.192	-0.137	-0.044	0.151	0.464	0.844	1.188	1.376
4821	48.20	1.325	1.025	0.550	0.041	-0.353	-0.525	-0.449	-0.183	0.164	0.481
4831	48.30	0.702	0.823	0.892	0.971	1.093	1.243	1.356	1.357	1.195	0.874
4841	48.40	0.458	0.046	-0.265	-0.414	-0.392	-0.240	-0.017	0.220	0.439	0.636
4851	48.50	0.828	1.032	1.259	1.510	1.777	2.049	2.316	2.567	2.793	2.982
4861	48.60	3.131	3.244	3.339	3.436	3.547	3.664	3.753	3.765	3.657	3.417
4871	48.70	3.080	2.721	2.423	2.244	2.183	2.172	2.096	1.846	1.365	0.681
4881	48.80	-0.093	-0.802	-1.303	-1.528	-1.509	-1.376	-1.305	-1.455	-1.909	-2.637
4891	48.90	-3.501	-4.296	-4.814	-4.903	-4.517	-3.723	-2.686	-1.620	-0.723	-0.130
4901	49.00	0.120	0.088	-0.097	-0.285	-0.359	-0.264	-0.023	0.289	0.581	0.785
4911	49.10	0.882	0.900	0.892	0.907	0.955	1.008	1.008	0.898	0.651	0.286
4921	49.20	-0.140	-0.551	-0.884	-1.104	-1.215	-1.249	-1.246	-1.239	-1.245	-1.271
4931	49.30	-1.322	-1.406	-1.534	-1.714	-1.934	-2.165	-2.359	-2.470	-2.468	-2.351
4941	49.40	-2.148	-1.901	-1.653	-1.427	-1.223	-1.024	-0.810	-0.571	-0.315	-0.062
4951	49.50	0.168	0.364	0.532	0.692	0.866	1.064	1.281	1.498	1.693	1.851
4961	49.60	1.972	2.073	2.177	2.304	2.459	2.631	2.801	2.944	3.049	3.114
4971	49.70	3.153	3.183	3.218	3.264	3.313	3.345	3.335	3.261	3.107	2.869
4981	49.80	2.560	2.202	1.826	1.459	1.124	0.829	0.563	0.307	0.038	-0.264
4991	49.90	-0.603	-0.971	-1.343	-1.691	-1.989	-2.222	-2.383	-2.479	-2.524	-2.535

Table 7－15－11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 2023 501-GR-1-152 HB. (HB.) FUTTU CAPE MAX. ACC. = -122.831 (GAL) T= 10.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.530	-2.529	-2.546	-2.593	-2.670	-2.769	-2.871	-2.953	-2.994	-2.983
5011	50.10	-2.924	-2.832	-2.729	-2.631	-2.548	-2.477	-2.406	-2.322	-2.214	-2.077
5021	50.20	-1.912	-1.724	-1.513	-1.283	-1.039	-0.788	-0.544	-0.322	-0.131	0.029
5031	50.30	0.172	0.319	0.487	0.680	0.885	1.067	1.187	1.208	1.116	0.919
5041	50.40	0.647	0.339	0.036	-0.232	-0.446	-0.595	-0.670	-0.657	-0.542	-0.314
5051	50.50	0.028	0.461	0.946	1.425	1.836	2.128	2.276	2.283	2.189	2.053
5061	50.60	1.938	1.893	1.935	2.044	2.172	2.261	2.270	2.188	2.043	1.887
5071	50.70	1.772	1.720	1.714	1.700	1.614	1.414	1.106	0.749	0.433	0.247
5081	50.80	0.239	0.397	0.660	0.946	1.192	1.376	1.522	1.670	1.850	2.049
5091	50.90	2.212	2.267	2.164	1.900	1.531	1.152	0.848	0.667	0.597	0.582
5101	51.00	0.562	0.510	0.446	0.431	0.525	0.745	1.041	1.309	1.430	1.321
5111	51.10	0.977	0.473	-0.071	-0.535	-0.853	-1.026	-1.112	-1.181	-1.279	-1.407
5121	51.20	-1.535	-1.631	-1.703	-1.810	-2.042	-2.482	-3.155	-4.003	-4.889	-5.644
5131	51.30	-6.125	-6.263	-6.079	-5.671	-5.166	-4.674	-4.257	-3.922	-3.643	-3.388
5141	51.40	-3.142	-2.909	-2.703	-2.537	-2.408	-2.302	-2.210	-2.136	-2.103	-2.140
5151	51.50	-2.265	-2.460	-2.668	-2.806	-2.784	-2.557	-2.127	-1.554	-0.939	-0.382
5161	51.60	0.044	0.315	0.460	0.535	0.602	0.703	0.866	1.006	1.143	1.218
5171	51.70	1.215	1.146	1.049	0.977	0.980	1.088	1.300	1.587	1.902	2.192
5181	51.80	2.423	2.586	2.702	2.809	2.942	3.118	3.326	3.526	3.670	3.714
5191	51.90	3.642	3.470	3.238	2.996	2.788	2.640	2.562	2.555	2.617	2.753
5201	52.00	2.970	3.261	3.601	3.944	4.225	4.385	4.385	4.219	3.915	3.525
5211	52.10	3.106	2.705	2.356	2.078	1.885	1.784	1.780	1.859	1.984	2.096
5221	52.20	2.119	1.992	1.684	1.215	0.650	0.076	-0.420	-0.789	-1.025	-1.163
5231	52.30	-1.260	-1.365	-1.505	-1.681	-1.877	-2.077	-2.275	-2.481	-2.707	-2.957
5241	52.40	-3.219	-3.465	-3.661	-3.782	-3.824	-3.798	-3.727	-3.627	-3.503	-3.344
5251	52.50	-3.139	-2.890	-2.619	-2.374	-2.209	-2.165	-2.250	-2.435	-2.659	-2.847
5261	52.60	-2.940	-2.905	-2.746	-2.495	-2.196	-1.891	-1.605	-1.349	-1.119	-0.908
5271	52.70	-0.707	-0.512	-0.322	-0.137	0.043	0.214	0.371	0.503	0.595	0.629
5281	52.80	0.594	0.487	0.318	0.112	-0.096	-0.266	-0.365	-0.371	-0.281	-0.112
5291	52.90	0.106	0.339	0.559	0.754	0.924	1.081	1.233	1.377	1.494	1.554
5301	53.00	1.526	1.398	1.181	0.915	0.651	0.438	0.298	0.224	0.179	0.119
5311	53.10	0.007	-0.163	-0.365	-0.547	-0.654	-0.647	-0.520	-0.299	-0.034	0.216
5321	53.20	0.407	0.521	0.564	0.567	0.565	0.589	0.651	0.742	0.839	0.908
5331	53.30	0.923	0.870	0.761	0.623	0.493	0.398	0.350	0.332	0.305	0.227
5341	53.40	0.064	-0.189	-0.504	-0.825	-1.083	-1.223	-1.210	-1.041	-0.742	-0.354
5351	53.50	0.075	0.500	0.879	1.175	1.359	1.419	1.367	1.245	1.121	1.075
5361	53.60	1.169	1.422	1.797	2.207	2.536	2.685	2.602	2.310	1.896	1.489
5371	53.70	1.214	1.156	1.336	1.702	2.152	2.562	2.821	2.856	2.642	2.206
5381	53.80	1.616	0.961	0.335	-0.184	-0.546	-0.741	-0.797	-0.767	-0.717	-0.704
5391	53.90	-0.760	-0.888	-1.064	-1.255	-1.426	-1.560	-1.655	-1.722	-1.773	-1.818
5401	54.00	-1.858	-1.892	-1.915	-1.932	-1.946	-1.965	-1.988	-2.007	-2.008	-1.975
5411	54.10	-1.903	-1.799	-1.680	-1.567	-1.475	-1.407	-1.356	-1.307	-1.252	-1.188
5421	54.20	-1.126	-1.079	-1.057	-1.062	-1.089	-1.130	-1.180	-1.241	-1.317	-1.408
5431	54.30	-1.501	-1.565	-1.564	-1.468	-1.269	-0.985	-0.661	-0.349	-0.086	0.114
5441	54.40	0.269	0.414	0.584	0.794	1.037	1.289	1.525	1.730	1.910	2.080
5451	54.50	2.252	2.423	2.570	2.664	2.686	2.644	2.574	2.527	2.547	2.649
5461	54.60	2.806	2.967	3.078	3.112	3.080	3.026	2.995	3.006	3.034	3.009
5471	54.70	2.854	2.519	2.015	1.424	0.869	0.476	0.325	0.420	0.693	1.031
5481	54.80	1.315	1.466	1.456	1.306	1.067	0.792	0.517	0.253	-0.010	-0.291
5491	54.90	-0.609	-0.976	-1.398	-1.864	-2.351	-2.817	-3.212	-3.482	-3.592	-3.539

Table 7－15－12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 2023 501-GR-1-152 HB. (HB.) FUTTU CAPE MAX. ACC. = -122.831 (GAL) T= 10.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.360	-3.125	-2.913	-2.789	-2.781	-2.871	-3.013	-3.152	-3.251	-3.302
5511	55.10	-3.329	-3.364	-3.432	-3.531	-3.633	-3.692	-3.667	-3.538	-3.312	-3.015
5521	55.20	-2.686	-2.357	-2.045	-1.748	-1.455	-1.147	-0.811	-0.444	-0.057	0.325
5531	55.30	0.667	0.929	1.086	1.132	1.094	1.028	1.001	1.070	1.261	1.552
5541	55.40	1.882	2.169	2.342	2.366	2.244	2.012	1.713	1.381	1.032	0.675
5551	55.50	0.334	0.059	-0.081	-0.021	0.259	0.701	1.170	1.492	1.512	1.161
5561	55.60	0.497	-0.305	-1.013	-1.418	-1.409	-1.013	-0.376	0.298	0.822	1.092
5571	55.70	1.109	0.953	0.736	0.550	0.434	0.376	0.343	0.313	0.293	0.323
5581	55.80	0.446	0.683	1.011	1.365	1.659	1.824	1.826	1.682	1.444	1.177
5591	55.90	0.934	0.742	0.603	0.502	0.424	0.360	0.302	0.244	0.169	0.057
5601	56.00	-0.107	-0.314	-0.525	-0.670	-0.672	-0.470	-0.048	0.547	1.212	1.817
5611	56.10	2.237	2.389	2.252	1.871	1.334	0.744	0.194	-0.251	-0.559	-0.722
5621	56.20	-0.751	-0.662	-0.483	-0.252	-0.023	0.145	0.192	0.081	-0.189	-0.578
5631	56.30	-1.019	-1.433	-1.758	-1.967	-2.069	-2.099	-2.102	-2.106	-2.120	-2.131
5641	56.40	-2.120	-2.078	-2.011	-1.937	-1.871	-1.810	-1.730	-1.591	-1.357	-1.022
5651	56.50	-0.622	-0.231	0.064	0.194	0.140	-0.053	-0.287	-0.449	-0.447	-0.243
5661	56.60	0.132	0.592	1.032	1.357	1.516	1.510	1.379	1.184	0.979	0.799
5671	56.70	0.656	0.541	0.443	0.350	0.261	0.176	0.100	0.031	-0.033	-0.096
5681	56.80	-0.154	-0.203	-0.232	-0.233	-0.205	-0.153	-0.091	-0.030	0.026	0.078
5691	56.90	0.136	0.208	0.299	0.402	0.500	0.578	0.620	0.627	0.613	0.600
5701	57.00	0.610	0.660	0.750	0.864	0.980	1.075	1.136	1.165	1.175	1.189
5711	57.10	1.228	1.306	1.425	1.572	1.728	1.870	1.977	2.035	2.039	1.992
5721	57.20	1.903	1.787	1.658	1.528	1.403	1.285	1.168	1.046	0.914	0.773
5731	57.30	0.628	0.489	0.362	0.252	0.153	0.053	-0.064	-0.212	-0.396	-0.612
5741	57.40	-0.844	-1.070	-1.268	-1.423	-1.527	-1.583	-1.602	-1.600	-1.594	-1.597
5751	57.50	-1.618	-1.660	-1.717	-1.782	-1.842	-1.887	-1.908	-1.903	-1.874	-1.825
5761	57.60	-1.762	-1.688	-1.600	-1.494	-1.364	-1.203	-1.012	-0.792	-0.552	-0.300
5771	57.70	-0.046	0.198	0.423	0.618	0.775	0.889	0.962	1.003	1.025	1.047
5781	57.80	1.082	1.133	1.193	1.241	1.253	1.205	1.083	0.888	0.639	0.365
5791	57.90	0.100	-0.127	-0.301	-0.427	-0.528	-0.638	-0.792	-1.011	-1.294	-1.616
5801	58.00	-1.936	-2.209	-2.405	-2.516	-2.557	-2.554	-2.530	-2.484	-2.389	-2.206
5811	58.10	-1.902	-1.480	-0.993	-0.534	-0.218	-0.131	-0.299	-0.667	-1.118	-1.507
5821	58.20	-1.715	-1.694	-1.478	-1.165	-0.878	-0.706	-0.677	-0.744	-0.816	-0.795
5831	58.30	-0.618	-0.278	0.182	0.696	1.203	1.672	2.104	2.514	2.911	3.277
5841	58.40	3.574	3.753	3.781	3.663	3.437	3.169	2.924	2.741	2.626	2.553
5851	58.50	2.483	2.385	2.248	2.086	1.925	1.786	1.678	1.590	1.503	1.399
5861	58.60	1.271	1.126	0.981	0.849	0.738	0.643	0.552	0.451	0.336	0.211
5871	58.70	0.085	-0.035	-0.147	-0.257	-0.375	-0.510	-0.661	-0.819	-0.967	-1.087
5881	58.80	-1.168	-1.207	-1.218	-1.218	-1.234	-1.284	-1.383	-1.531	-1.713	-1.901
5891	58.90	-2.062	-2.160	-2.173	-2.097	-1.950	-1.766	-1.586	-1.442	-1.346	-1.291
5901	59.00	-1.254	-1.211	-1.148	-1.067	-0.982	-0.909	-0.852	-0.800	-0.730	-0.620
5911	59.10	-0.468	-0.299	-0.161	-0.108	-0.173	-0.356	-0.611	-0.865	-1.043	-1.095
5921	59.20	-1.014	-0.834	-0.611	-0.399	-0.224	-0.077	0.069	0.246	0.465	0.707
5931	59.30	0.927	1.075	1.115	1.045	0.895	0.718	0.567	0.482	0.477	0.548
5941	59.40	0.677	0.848	1.046	1.260	1.479	1.682	1.849	1.961	2.015	2.027
5951	59.50	2.026	2.047	2.113	2.224	2.352	2.452	2.479	2.401	2.217	1.949
5961	59.60	1.660	1.334	1.066	0.853	0.696	0.587	0.513	0.465	0.442	0.443
5971	59.70	0.473	0.533	0.621	0.729	0.845	0.954	1.038	1.085	1.091	1.060
5981	59.80	1.006	0.941	0.870	0.781	0.647	0.433	0.112	-0.314	-0.811	-1.313
5991	59.90	-1.744	-2.043	-2.189	-2.208	-2.168	-2.150	-2.213	-2.381	-2.625	-2.887

Table 7-15-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 2023 S01-GR-1-152 HB. (HB.) FUTTU CAPE MAX. ACC. = -122.831 (GAL) Y= 10.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.103	-3.231	-3.265	-3.236	-3.195	-3.165	-3.227	-3.312	-3.408	-3.481
6011	60.10	-3.506	-3.474	-3.395	-3.286	-3.161	-3.027	-2.885	-2.736	-2.585	-2.438
6021	60.20	-2.302	-2.176	-2.047	-1.896	-1.705	-1.468	-1.196	-0.908	-0.642	-0.418
6031	60.30	-0.245	-0.113	-0.000	0.112	0.237	0.370	0.500	0.616	0.711	0.791
6041	60.40	0.869	0.955	1.057	1.171	1.287	1.401	1.512	1.630	1.765	1.923
6051	60.50	2.097	2.268	2.412	2.511	2.563	2.583	2.598	2.635	2.705	2.799
6061	60.60	2.891	2.946	2.938	2.858	2.722	2.555	2.391	2.250	2.139	2.051
6071	60.70	1.972	1.889	1.796	1.698	1.598	1.499	1.397	1.285	1.162	1.034
6081	60.80	0.925	0.867	0.892	1.018	1.240	1.524	1.818	2.059	2.195	2.199
6091	60.90	2.072	1.844	1.559	1.259	0.975	0.716	0.469	0.215	-0.063	-0.368
6101	61.00	-0.683	-0.974	-1.201	-1.337	-1.377	-1.345	-1.290	-1.268	-1.325	-1.477
6111	61.10	-1.702	-1.946	-2.143	-2.231	-2.181	-2.003	-1.745	-1.477	-1.271	-1.173
6121	61.20	-1.199	-1.331	-1.529	-1.748	-1.952	-2.120	-2.249	-2.342	-2.400	-2.420
6131	61.30	-2.390	-2.299	-2.147	-1.949	-1.733	-1.537	-1.395	-1.325	-1.320	-1.348
6141	61.40	-1.362	-1.316	-1.169	-0.920	-0.589	-0.222	0.127	0.410	0.605	0.721
6151	61.50	0.795	0.882	1.029	1.264	1.582	1.945	2.292	2.563	2.714	2.729
6161	61.60	2.625	2.437	2.208	1.968	1.734	1.501	1.262	1.009	0.751	0.506
6171	61.70	0.299	0.145	0.045	-0.021	-0.090	-0.197	-0.367	-0.598	-0.867	-1.134
6181	61.80	-1.361	-1.525	-1.631	-1.706	-1.780	-1.890	-2.042	-2.219	-2.377	-2.469
6191	61.90	-2.458	-2.332	-2.111	-1.838	-1.562	-1.322	-1.134	-0.988	-0.855	-0.705
6201	62.00	-0.515	-0.284	-0.026	0.234	0.473	0.676	0.839	0.967	1.066	1.141
6211	62.10	1.192	1.220	1.226	1.216	1.196	1.168	1.128	1.067	0.976	0.858
6221	62.20	0.730	0.629	0.597	0.670	0.861	1.148	1.477	1.774	1.967	2.002
6231	62.30	1.864	1.577	1.204	0.830	0.543	0.418	0.495	0.764	1.167	1.601
6241	62.40	1.949	2.109	2.026	1.722	1.284	0.847	0.542	0.453	0.585	0.865
6251	62.50	1.170	1.378	1.413	1.269	1.003	0.702	0.440	0.247	0.105	-0.026
6261	62.60	-0.179	-0.353	-0.501	-0.562	-0.487	-0.276	0.016	0.298	0.475	0.495
6271	62.70	0.363	0.136	-0.106	-0.300	-0.422	-0.492	-0.553	-0.641	-0.760	-0.882
6281	62.80	-0.956	-0.943	-0.835	-0.664	-0.483	-0.349	-0.292	-0.309	-0.369	-0.432
6291	62.90	-0.473	-0.489	-0.501	-0.533	-0.603	-0.709	-0.830	-0.946	-1.043	-1.122
6301	63.00	-1.198	-1.289	-1.399	-1.521	-1.631	-1.706	-1.729	-1.700	-1.631	-1.538
6311	63.10	-1.436	-1.330	-1.221	-1.111	-1.010	-0.936	-0.913	-0.957	-1.066	-1.222
6321	63.20	-1.388	-1.525	-1.600	-1.599	-1.523	-1.388	-1.217	-1.032	-0.848	-0.678
6331	63.30	-0.527	-0.400	-0.296	-0.211	-0.140	-0.072	-0.003	0.069	0.134	0.184
6341	63.40	0.208	0.206	0.189	0.176	0.189	0.244	0.346	0.486	0.646	0.807
6351	63.50	0.956	1.088	1.207	1.314	1.409	1.480	1.509	1.474	1.359	1.157
6361	63.60	0.878	0.545	0.192	-0.141	-0.418	-0.611	-0.707	-0.712	-0.649	-0.557
6371	63.70	-0.479	-0.449	-0.485	-0.583	-0.712	-0.833	-0.905	-0.902	-0.824	-0.690
6381	63.80	-0.536	-0.394	-0.285	-0.209	-0.150	-0.085	0.000	0.108	0.221	0.314
6391	63.90	0.364	0.360	0.306	0.216	0.110	0.000	-0.112	-0.229	-0.356	-0.486
6401	64.00	-0.601	-0.675	-0.686	-0.626	-0.511	-0.374	-0.257	-0.197	-0.208	-0.285
6411	64.10	-0.402	-0.529	-0.645	-0.739	-0.812	-0.867	-0.897	-0.884	-0.803	-0.637
6421	64.20	-0.387	-0.078	0.244	0.525	0.728	0.841	0.883	0.892	0.906	0.948
6431	64.30	1.011	1.068	1.085	1.041	0.939	0.808	0.689	0.618	0.608	0.641
6441	64.40	0.677	0.675	0.614	0.502	0.383	0.314	0.343	0.489	0.728	1.005
6451	64.50	1.253	1.424	1.504	1.521	1.529	1.583	1.715	1.919	2.155	2.371
6461	64.60	2.528	2.621	2.680	2.754	2.883	3.075	3.295	3.474	3.544	3.463
6471	64.70	3.241	2.932	2.616	2.360	2.195	2.106	2.043	1.954	1.810	1.620
6481	64.80	1.423	1.262	1.155	1.086	1.010	0.879	0.671	0.408	0.146	-0.051
6491	64.90	-0.148	-0.165	-0.174	-0.266	-0.511	-0.918	-1.420	-1.901	-2.236	-2.346

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

INDEX NO. 2024 503-GR-1-90 HA. (HA.) KANNONZAKI MAX. ACC. = -232.076 (GAL) T= 10.85 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	26.929	32.563	25.199	7.595	-12.506	-25.784	-25.670	-11.547	10.741	31.372
11	0.10	40.917	34.579	14.353	-11.869	-33.803	-43.257	-37.565	-20.499	-0.342	13.873
21	0.20	16.262	6.451	-10.507	-26.437	-33.479	-27.213	-8.285	17.918	43.234	59.506
31	0.30	61.192	47.024	20.353	-11.819	-40.781	-58.524	-60.028	-44.807	-17.250	14.485
41	0.40	40.800	53.610	48.959	28.381	-1.555	-31.434	-52.158	-57.942	-48.030	-26.547
51	0.50	-0.662	22.141	36.537	40.692	36.095	26.236	14.887	4.787	-2.786	-7.647
61	0.60	-9.972	-9.773	-6.911	-1.571	5.213	11.432	14.638	12.944	6.022	-4.482
71	0.70	-15.402	-23.254	-25.634	-22.151	-14.443	-5.284	2.751	8.353	11.760	14.115
81	0.80	16.343	10.216	18.219	14.385	5.696	-6.734	-19.446	-27.717	-27.565	-17.792
91	0.90	-1.021	16.907	29.076	30.325	19.526	0.249	-20.543	-35.251	-38.667	-29.965
101	1.00	-12.827	6.274	20.812	26.723	23.668	14.500	3.738	-4.710	-8.892	-9.084
111	1.10	-6.925	-4.102	-1.354	1.667	5.703	10.887	16.091	19.122	17.717	10.827
121	1.20	-0.517	-13.299	-23.602	-28.219	-25.998	-18.302	-8.320	0.385	5.418	6.427
131	1.30	4.954	3.399	3.670	6.229	9.964	12.915	13.396	10.912	6.390	1.644
141	1.40	-1.597	-2.556	-1.706	-0.371	0.127	-0.744	-2.439	-3.732	-3.543	-1.743
151	1.50	0.583	1.596	-0.288	-5.373	-12.199	-17.937	-19.558	-15.252	-5.426	7.237
161	1.60	18.747	25.395	25.262	18.948	9.215	-0.295	-6.637	-8.703	-7.408	-4.896
171	1.70	-3.209	-3.139	-3.861	-3.542	-0.593	5.121	11.800	16.314	15.659	8.599
181	1.80	-3.364	-16.244	-25.061	-25.945	-17.926	-3.541	12.060	23.185	25.922	19.713
191	1.90	7.470	-5.787	-15.120	-17.699	-13.763	-6.141	1.330	5.689	6.096	3.902
201	2.00	1.571	1.104	2.815	5.117	5.445	1.823	-5.760	-14.922	-21.715	-22.380
211	2.10	-15.206	-1.615	14.129	26.490	30.873	25.501	12.151	-4.584	-19.133	-27.100
221	2.20	-26.802	-19.599	-8.983	1.079	7.750	10.204	9.480	7.540	6.068	5.648
231	2.30	5.681	4.984	2.698	-1.039	-5.035	-7.618	-7.551	-4.781	-0.602	2.887
241	2.40	3.777	1.336	-3.530	-8.576	-11.183	-9.546	-3.538	5.136	13.589	18.911
251	2.50	19.324	14.835	7.132	-1.189	-7.700	-11.018	-11.146	-9.186	-6.625	-4.589
261	2.60	-3.415	-2.699	-1.741	-0.102	2.051	3.989	4.818	4.020	1.819	-0.825
271	2.70	-2.621	-2.556	-0.422	3.015	6.291	7.855	6.752	3.062	-2.093	-6.974
281	2.80	-9.903	-9.903	-7.047	-2.388	2.477	6.010	7.261	6.128	3.296	-0.107
291	2.90	-2.942	-4.438	-4.373	-3.041	-1.047	0.954	2.474	3.299	3.458	3.111
301	3.00	2.414	1.427	0.110	-1.599	-3.658	-5.818	-7.611	-8.447	-7.817	-5.522
311	3.10	-1.834	2.502	6.442	8.973	9.450	7.837	4.722	1.107	-1.959	-3.747
321	3.20	-4.069	-3.259	-1.953	-0.767	-0.045	0.219	0.268	0.352	0.536	0.647
331	3.30	0.406	-0.354	-1.503	-2.602	-3.087	-2.563	-1.057	0.925	2.599	3.267
341	3.40	2.668	1.135	-0.547	-1.512	-1.241	0.180	2.106	3.670	4.217	3.626
351	3.50	2.342	1.087	0.440	0.487	0.773	0.575	-0.637	-2.801	-5.175	-6.620
361	3.60	-6.139	-3.411	0.965	5.661	9.160	10.396	9.192	6.276	2.888	0.179
371	3.70	-1.291	-1.721	-1.832	-2.373	-3.645	-5.286	-6.444	-6.217	-4.149	-0.516
381	3.80	3.738	7.372	9.344	9.178	7.078	3.732	-0.014	-3.466	-6.203	-8.012
391	3.90	-8.726	-8.123	-5.993	-2.350	2.322	6.985	10.235	10.759	7.883	1.991
401	4.00	-5.423	-12.137	-15.916	-15.293	-10.123	-1.682	7.741	15.592	19.871	19.718
411	4.10	15.567	8.859	1.454	-4.990	-9.458	-11.689	-11.994	-10.921	-8.959	-6.403
421	4.20	-3.427	-0.254	2.705	4.875	5.712	4.986	2.988	0.513	-1.408	-1.939
431	4.30	-0.838	1.378	3.621	4.691	3.833	1.112	-2.566	-5.822	-7.391	-6.676
441	4.40	-3.990	-0.401	2.758	4.466	4.416	3.053	1.266	-0.097	-0.636	-0.522
451	4.50	-0.308	-0.530	-1.352	-2.418	-3.031	-2.527	-0.673	2.141	5.002	6.834
461	4.60	6.848	4.860	1.367	-2.656	-6.107	-8.118	-8.272	-6.640	-3.678	-0.063
471	4.70	3.465	6.212	7.636	7.445	5.709	2.909	-0.128	-2.451	-3.310	-2.474
481	4.80	-0.381	1.976	3.418	3.066	0.744	-2.896	-6.593	-8.973	-9.104	-6.880
491	4.90	-3.069	0.992	3.923	4.824	3.586	0.886	-2.112	-4.211	-4.593	-3.069

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

INDEX NO. 2024 503-GR-1-90 HA. (HA.) KANNONZAKI MAX. ACC. = -232.076 (GAL) T= 10.85 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.079	3.497	6.642	8.496	8.576	6.861	3.772	0.044	-3.458	-5.959
511	5.10	-6.962	-6.377	-4.527	-2.045	0.331	1.996	2.654	2.376	1.525	0.574
521	5.20	-0.089	-0.291	-0.090	0.306	0.677	0.894	0.948	0.892	0.759	0.496
531	5.30	-0.016	-0.874	-2.041	-3.275	-4.169	-4.292	-3.380	-1.491	0.961	3.318
541	5.40	4.908	5.288	4.408	2.619	0.526	-1.249	-2.293	-2.518	-2.133	-1.505
551	5.50	-0.969	-0.699	-0.675	-0.758	-0.809	-0.785	-0.752	-0.821	-1.045	-1.348
561	5.60	-1.541	-1.414	-0.878	-0.043	0.793	1.272	1.160	0.484	-0.453	-1.201
571	5.70	-1.383	-0.894	0.027	0.906	1.273	0.917	0.013	-0.952	-1.428	-1.107
581	5.80	-0.118	1.007	1.595	1.196	-0.134	-1.801	-2.931	-2.811	-1.284	1.092
591	5.90	3.256	4.133	3.176	0.699	-2.193	-4.081	-3.899	-1.492	2.224	5.583
601	6.00	6.876	5.122	0.565	-5.337	-10.433	-12.709	-11.077	-5.804	1.580	8.837
611	6.10	13.812	15.153	12.696	7.422	1.052	-4.565	-8.021	-8.725	-6.980	-3.791
621	6.20	-0.481	1.765	2.281	1.127	-0.956	-2.829	-3.413	-2.141	0.743	4.205
631	6.30	6.786	7.186	4.862	0.353	-4.826	-8.738	-9.802	-7.502	-2.669	2.785
641	6.40	6.628	7.247	4.355	-0.834	-6.069	-8.982	-8.081	-3.394	3.513	10.135
651	6.50	14.013	13.681	9.203	2.102	-5.261	-10.588	-12.455	-10.732	-6.498	-1.523
661	6.60	2.429	4.205	3.574	1.162	-1.890	-4.394	-5.502	-4.916	-2.866	0.059
671	6.70	3.150	5.771	7.470	7.997	7.277	5.399	2.618	-0.611	-3.651	-5.768
681	6.80	-6.325	-5.021	-2.088	1.662	5.023	6.777	6.157	3.205	-1.155	-5.403
691	6.90	-7.992	-7.983	-5.473	-1.600	1.915	3.518	2.546	-0.411	-3.710	-5.355
701	7.00	-3.925	0.704	7.173	13.115	16.122	14.773	9.287	1.482	-5.951	-10.545
711	7.10	-11.056	-7.915	-2.961	1.430	3.394	2.345	-0.871	-4.469	-6.607	-6.216
721	7.20	-3.403	0.725	4.685	7.343	8.370	8.211	7.641	7.174	6.688	5.505
731	7.30	2.884	-1.334	-6.332	-10.451	-11.877	-9.583	-4.056	2.637	7.576	8.274
741	7.40	3.951	-3.830	-11.566	-15.196	-11.931	-1.726	12.312	24.892	30.568	26.025
751	7.50	11.666	-8.252	-27.051	-38.119	-37.439	-25.145	-5.442	15.049	29.822	34.864
761	7.60	29.900	18.105	4.483	-6.284	-11.588	-11.544	-8.378	-4.993	-3.444	-4.058
771	7.70	-5.533	-5.867	-3.568	1.485	7.945	13.653	16.665	16.100	12.403	6.941
781	7.80	1.228	-3.775	-7.880	-11.336	-14.191	-15.801	-14.867	-10.089	-1.143	10.567
791	7.90	21.891	28.838	28.131	18.770	2.844	-14.871	-28.511	-33.316	-27.543	-13.268
801	8.00	4.289	18.690	24.697	20.213	7.005	-10.043	-24.782	-32.016	-29.217	-17.186
811	8.10	0.470	18.702	32.642	38.920	36.344	25.907	10.302	-6.811	-21.576	-30.694
821	8.20	-32.093	-25.475	-12.557	3.161	17.223	25.499	25.577	17.712	4.888	-8.167
831	8.30	-16.723	-17.896	-11.811	-1.551	8.160	12.992	10.899	2.998	-6.974	-14.397
841	8.40	-15.910	-10.970	-2.081	6.416	10.437	8.136	0.824	-7.636	-12.687	-11.319
851	8.50	-3.627	7.097	15.796	17.980	11.876	-0.603	-14.544	-24.079	-24.894	-16.090
861	8.60	-0.598	16.021	27.818	30.784	24.276	11.044	-4.076	-16.128	-21.840	-20.558
871	8.70	-14.068	-5.548	1.802	5.878	6.154	3.502	-0.421	-3.888	-5.635	-5.114
881	8.80	-2.510	1.396	5.403	8.138	8.364	5.362	-0.728	-8.741	-16.679	-22.266
891	8.90	-23.744	-20.617	-14.027	-6.540	-1.367	-1.259	-7.470	-19.183	-33.602	-46.698
901	9.00	-54.353	-53.526	-43.092	-24.134	0.355	26.230	49.183	65.707	73.782	73.140
911	9.10	65.064	51.779	35.656	18.502	1.199	-16.164	-33.705	-51.001	-66.546	-77.742
921	9.20	-81.557	-75.625	-59.349	-34.479	-4.855	24.654	49.588	67.086	76.300	77.899
931	9.30	72.960	61.901	44.097	18.475	-15.133	-54.595	-94.845	-128.562	-148.079	-147.872
941	9.40	-126.589	-87.753	-38.812	11.109	53.828	84.098	100.323	103.968	98.199	86.547
951	9.50	72.154	57.725	45.796	38.781	38.434	44.875	55.745	66.213	70.245	62.877
961	9.60	42.648	13.037	-17.961	-40.240	-45.181	-29.057	5.160	48.399	88.351	113.496
971	9.70	116.816	97.846	62.442	20.522	-17.274	-42.801	-52.536	-48.146	-35.562	-23.033
981	9.80	-18.734	-28.485	-54.038	-92.291	-135.667	-173.730	-195.804	-193.983	-165.656	-114.677
991	9.90	-50.620	13.751	66.053	97.669	105.812	93.614	68.385	38.853	12.502	-6.056

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

INDEX NO. 2024 503-GR-1-90 HA. (HA.) KANNONZAKI MAX. ACC. = -232.076 (GAL) T= 10.85 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-15.344	-16.190	-10.500	-0.318	12.492	26.072	38.327	47.037	50.459	48.131
1011	10.10	41.412	33.314	27.540	27.049	32.752	42.918	53.570	59.741	57.095	43.343
1021	10.20	19.008	-12.615	-46.170	-75.366	-94.248	-98.403	-85.970	-58.279	-19.949	21.715
1031	10.30	58.064	80.950	84.643	67.263	31.313	-16.853	-68.410	-113.855	-144.777	-155.253
1041	10.40	-142.791	-108.813	-58.666	-1.026	53.452	94.284	113.756	109.243	84.352	48.171
1051	10.50	12.578	-11.638	-18.460	-8.663	10.719	29.338	37.732	31.038	10.712	-16.403
1061	10.60	-41.142	-55.820	-57.138	-47.058	-31.469	-17.409	-10.125	-11.129	-17.849	-24.765
1071	10.70	-25.391	-14.407	10.638	48.298	92.979	135.537	164.839	170.266	144.815	87.966
1081	10.80	7.216	-82.677	-163.049	-216.479	-232.076	-208.922	-156.207	-89.882	-27.049	19.706
1091	10.90	45.829	54.906	55.604	57.036	64.691	78.639	94.517	106.451	110.251	105.262
1101	11.00	94.101	80.665	67.649	54.996	40.096	19.589	-8.219	-41.625	-75.394	-102.347
1111	11.10	-115.959	-112.840	-94.070	-64.916	-33.154	-6.713	8.506	9.987	-1.101	-20.548
1121	11.20	-42.363	-60.274	-69.152	-66.105	-51.044	-26.592	2.666	31.410	54.926	70.137
1131	11.30	75.992	73.166	63.268	48.051	28.925	7.043	-16.254	-38.950	-58.213	-70.781
1141	11.40	-73.734	-65.349	-45.660	-16.555	18.552	55.240	88.603	113.696	126.062	122.461
1151	11.50	101.823	66.141	20.797	-26.122	-65.641	-90.408	-97.036	-87.282	-67.421	-45.922
1161	11.60	-30.258	-24.134	-26.294	-31.398	-32.583	-24.569	-5.972	20.143	47.597	69.658
1171	11.70	81.624	82.341	74.104	61.166	47.670	35.977	26.101	16.338	4.653	-9.927
1181	11.80	-26.562	-42.797	-55.506	-62.120	-61.568	-54.577	-43.288	-30.430	-18.430	-8.788
1191	11.90	-1.894	2.758	6.093	8.971	11.820	14.517	16.470	16.879	15.036	10.814
1201	12.00	3.842	-4.440	-12.873	-19.779	-23.443	-22.440	-15.976	-4.194	11.618	29.016
1211	12.10	44.667	54.932	56.703	48.289	30.085	4.744	-23.292	-48.819	-67.174	-75.379
1221	12.20	-72.758	-60.827	-42.562	-21.366	-0.159	19.100	35.358	48.056	56.669	60.484
1231	12.30	58.739	51.053	37.873	20.699	1.931	-15.618	-29.368	-37.532	-39.446	-35.612
1241	12.40	-27.523	-17.363	-7.641	-0.767	1.431	-1.788	-9.699	-20.039	-29.399	-34.080
1251	12.50	-31.212	-19.760	-1.035	21.537	43.353	59.959	68.293	67.409	58.457	44.004
1261	12.60	27.024	9.956	-5.811	-19.938	-32.700	-44.375	-54.738	-62.831	-67.080	-65.693
1271	12.70	-57.201	-41.012	-17.817	10.252	39.803	66.715	86.944	97.399	96.653	85.218
1281	12.80	65.307	40.136	13.047	-13.201	-36.729	-56.377	-71.252	-80.342	-82.476	-76.716
1291	12.90	-63.003	-42.683	-18.553	5.722	26.638	41.908	51.040	55.155	56.100	55.206
1301	13.00	52.812	47.335	36.776	19.566	-4.144	-31.896	-59.250	-80.931	-92.346	-90.899
1311	13.10	-76.634	-52.071	-21.392	10.634	39.628	62.228	76.365	81.276	77.396	66.201
1321	13.20	49.958	31.366	13.075	-2.804	-15.021	-23.229	-27.719	-28.992	-27.401	-23.051
1331	13.30	-16.000	-6.636	4.034	14.399	22.619	27.213	27.572	24.131	18.080	10.767
1341	13.40	3.100	-4.729	-13.039	-22.073	-31.362	-39.418	-44.005	-42.940	-35.103	-21.199
1351	13.50	-3.889	12.843	24.872	29.228	25.018	13.626	-1.843	-17.637	-30.519	-38.610
1361	13.60	-41.638	-40.589	-36.976	-32.055	-26.316	-19.448	-10.739	0.228	12.956	25.758
1371	13.70	36.027	41.005	38.813	29.348	14.643	-1.520	-14.690	-21.188	-19.355	-10.146
1381	13.80	3.222	16.426	25.591	28.608	25.737	19.265	12.424	8.035	7.456	10.220
1391	13.90	14.461	17.843	18.573	16.068	11.046	5.106	0.033	-2.862	-3.010	-0.818
1401	14.00	2.755	6.419	8.883	9.080	6.351	0.573	-7.751	-17.522	-27.214	-35.197
1411	14.10	-40.116	-41.200	-38.384	-32.201	-23.545	-13.416	-2.787	7.378	16.055	22.155
1421	14.20	24.711	23.222	17.995	10.283	2.054	-4.576	-8.048	-7.902	-4.874	-0.529
1431	14.30	3.428	5.810	6.262	5.109	2.861	-0.302	-4.719	-10.961	-19.190	-28.534
1441	14.40	-36.878	-41.311	-39.135	-29.024	-11.815	9.496	30.605	47.275	56.672	58.110
1451	14.50	52.908	43.509	32.299	20.708	8.982	-3.319	-16.422	-29.570	-40.814	-47.538
1461	14.60	-47.504	-39.924	-26.050	-8.956	7.409	19.541	25.499	25.386	21.023	15.014
1471	14.70	9.645	6.088	4.235	3.135	1.763	-0.310	-2.681	-4.406	-4.652	-3.312
1481	14.80	-1.254	-0.009	-1.020	-4.806	-10.471	-15.845	-18.273	-15.748	-7.889	3.670
1491	14.90	15.719	24.595	27.557	23.842	14.974	4.177	-4.869	-9.421	-8.668	-3.936

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

INDEX NO. 2024 503-GR-1-90 HA. (HA.) KANNONZAKI MAX. ACC. = -232.076 (GAL) T= 10.85 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.944	5.821	5.462	0.364	-8.152	-17.543	-25.044	-28.656	-27.729	-22.991
1511	15.10	-16.076	-8.822	-2.640	1.002	4.535	5.976	6.566	6.545	5.954	4.817
1521	15.20	3.361	2.106	1.753	2.892	5.677	9.645	13.797	16.943	18.168	17.211
1531	15.30	14.575	11.287	8.418	6.563	5.546	4.494	2.286	-1.838	-7.766	-14.362
1541	15.40	-19.767	-22.032	-19.841	-12.992	-2.474	9.881	21.982	32.039	38.860	41.849
1551	15.50	40.790	35.640	26.518	13.902	-1.059	-16.399	-29.525	-37.816	-39.436	-34.045
1561	15.60	-23.087	-9.452	3.382	12.432	16.095	14.511	9.293	2.780	-2.857	-6.292
1571	15.70	-7.286	-6.496	-5.000	-3.811	-3.574	-4.498	-6.470	-9.201	-12.312	-15.335
1581	15.80	-17.694	-18.756	-17.990	-15.195	-10.669	-5.217	0.058	4.105	6.279	6.534
1591	15.90	5.376	3.606	1.993	1.025	0.842	1.343	2.362	3.788	5.553	7.503
1601	16.00	9.273	10.294	9.978	8.032	4.737	1.017	-1.807	-2.511	-0.527	3.708
1611	16.10	8.789	12.808	14.069	11.776	6.382	-0.538	-6.858	-10.675	-10.979	-7.959
1621	16.20	-2.851	2.571	6.634	8.278	7.266	4.084	-0.377	-5.163	-9.496	-12.837
1631	16.30	-14.835	-15.249	-13.940	-10.941	-6.580	-1.536	3.240	6.747	8.238	7.482
1641	16.40	4.866	1.278	-2.190	-4.617	-5.553	-5.136	-3.989	-2.946	-2.712	-3.602
1651	16.50	-5.433	-7.606	-9.329	-9.885	-8.855	-6.228	-2.364	2.139	6.636	10.590
1661	16.60	13.668	15.738	16.799	16.901	16.076	14.353	11.819	8.717	5.503	2.809
1671	16.70	1.296	1.418	3.188	6.050	8.943	10.575	9.841	6.244	0.147	-7.256
1681	16.80	-14.266	-19.213	-21.002	-19.459	-15.368	-10.151	-5.351	-2.094	-0.756	-0.937
1691	16.90	-1.752	-2.275	-1.973	-0.922	0.248	0.659	-0.398	-3.117	-7.025	-11.096
1701	17.00	-14.067	-14.853	-12.915	-8.446	-2.337	4.067	9.359	12.472	12.988	11.245
1711	17.10	8.219	5.198	3.357	3.354	5.112	7.842	10.341	11.430	10.407	7.317
1721	17.20	2.958	-1.390	-4.397	-5.111	-3.230	0.860	6.254	11.805	16.380	19.021
1731	17.30	19.022	15.972	9.841	1.121	-9.050	-18.894	-26.257	-29.127	-26.292	-17.896
1741	17.40	-5.634	7.569	18.354	23.962	23.131	16.525	6.493	-3.736	-11.158	-13.959
1751	17.50	-12.021	-6.791	-0.616	4.164	6.015	4.620	0.797	-3.958	-8.098	-10.539
1761	17.60	-10.926	-9.580	-7.243	-4.752	-2.773	-1.666	-1.486	-2.050	-3.034	-4.053
1771	17.70	-4.743	-4.837	-4.240	-3.088	-1.731	-0.637	-0.214	-0.622	-1.659	-2.790
1781	17.80	-3.331	-2.737	-0.871	1.872	4.659	6.516	6.720	5.114	2.213	-0.958
1791	17.90	-3.245	-3.803	-2.405	0.496	3.982	7.046	8.966	9.499	8.834	7.349
1801	18.00	5.332	2.829	-0.292	-4.081	-8.220	-11.902	-13.995	-13.482	-9.993	-4.161
1811	18.10	2.418	7.677	9.863	8.290	3.717	-1.867	-6.000	-6.748	-3.536	2.579
1821	18.20	9.315	14.104	15.157	12.203	6.579	0.647	-3.206	-3.543	-0.419	4.724
1831	18.30	9.705	12.508	12.028	8.368	2.632	-3.641	-9.083	-12.897	-14.900	-15.284
1841	18.40	-14.293	-12.021	-8.441	-3.629	1.986	7.534	11.868	13.941	13.234	10.021
1851	18.50	5.322	0.568	-2.913	-4.339	-3.689	-1.594	1.009	3.296	4.840	5.658
1861	18.60	6.023	6.161	6.013	5.183	3.121	-0.558	-5.764	-11.795	-17.444	-21.340
1871	18.70	-22.386	-20.130	-14.939	-7.902	-0.508	5.776	9.896	11.439	10.652	8.272
1881	18.80	5.244	2.438	0.441	-0.523	-0.546	0.089	1.064	2.138	3.198	4.228
1891	18.90	5.233	6.159	6.849	7.072	6.605	5.345	3.391	1.055	-1.231	-3.057
1901	19.00	-4.203	-4.711	-4.863	-5.026	-5.453	-6.126	-6.726	-6.758	-5.789	-3.694
1911	19.10	-0.775	2.298	4.731	5.922	5.708	4.436	2.804	1.555	1.159	1.636
1921	19.20	2.581	3.378	3.489	2.664	0.992	-1.225	-3.667	-6.155	-8.662	-11.194
1931	19.30	-13.608	-15.509	-16.301	-15.414	-12.587	-8.088	-2.724	2.351	5.986	7.364
1941	19.40	6.205	2.761	-2.326	-8.223	-14.043	-18.883	-21.827	-22.004	-18.759	-11.933
1951	19.50	-2.117	9.279	20.243	28.673	32.989	32.623	28.159	21.044	13.009	5.423
1961	19.60	-1.101	-6.711	-11.942	-17.172	-22.199	-26.150	-27.771	-25.968	-20.329	-11.398
1971	19.70	-0.569	10.320	19.529	25.851	28.820	28.654	26.042	21.902	17.201	12.851
1981	19.80	9.623	8.030	8.163	9.572	11.276	11.990	10.535	6.299	-0.442	-8.509
1991	19.90	-16.143	-21.559	-23.505	-21.612	-18.404	-8.991	-0.619	7.710	15.385	22.084

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

INDEX NO. 2024 503-GR-1-90 HA. (HA.) KANNONZAKI MAX. ACC. = -232.076 (GAL) T= 10.85 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	27.523	31.235	32.548	30.788	25.619	17.351	7.030	-3.743	-13.244	-20.106
2011	20.10	-23.690	-24.185	-22.429	-19.541	-16.515	-13.947	-11.965	-10.245	-8.423	-6.111
2021	20.20	-3.136	0.439	4.359	8.251	11.687	14.237	15.504	15.175	13.085	9.282
2031	20.30	4.067	-2.026	-8.303	-14.030	-18.561	-21.438	-22.437	-21.559	-18.997	-15.083
2041	20.40	-10.248	-4.981	0.203	4.826	8.503	11.004	12.276	12.427	11.655	10.161
2051	20.50	8.089	5.510	2.470	-0.922	-4.436	-7.713	-10.357	-12.077	-12.824	-12.856
2061	20.60	-12.653	-12.716	-13.316	-14.292	-15.022	-14.590	-12.131	-7.207	-0.094	8.182
2071	20.70	16.062	21.891	24.403	23.099	18.382	11.419	3.772	-3.031	-7.881	-10.288
2081	20.80	-10.383	-8.759	-6.232	-3.611	-1.537	-0.399	-0.309	-1.130	-2.514	-3.972
2091	20.90	-4.967	-5.037	-3.920	-1.649	1.430	4.728	7.570	9.386	9.881	9.118
2101	21.00	7.502	5.647	4.203	3.667	4.260	5.886	8.171	10.570	12.499	13.463
2111	21.10	13.146	11.473	8.627	5.028	1.264	-2.006	-4.191	-4.916	-4.135	-2.185
2121	21.20	0.274	2.430	3.558	3.264	1.642	-0.737	-3.007	-4.331	-4.230	-2.803
2131	21.30	-0.735	0.932	1.195	-0.506	-4.026	-8.514	-12.675	-15.206	-15.237	-12.616
2141	21.40	-7.939	-2.336	2.900	6.676	8.353	7.812	5.374	1.624	-2.756	-7.101
2151	21.50	-10.836	-13.509	-14.833	-14.732	-13.359	-11.061	-8.277	-5.388	-2.596	0.108
2161	21.60	2.865	5.775	8.729	11.339	13.023	13.216	11.630	8.440	4.271	0.019
2171	21.70	-3.459	-5.620	-6.381	-6.064	-5.184	-4.190	-3.279	-2.369	-1.210	0.428
2181	21.80	2.597	5.119	7.644	9.781	11.210	11.744	11.315	9.942	7.705	4.769
2191	21.90	1.432	-1.866	-4.607	-6.335	-6.832	-6.222	-4.949	-3.605	-2.681	-2.353
2201	22.00	-2.414	-2.399	-1.835	-0.521	1.333	3.161	4.275	4.170	2.736	0.297
2211	22.10	-2.547	-5.182	-7.203	-8.492	-9.122	-9.167	-8.539	-6.964	-4.125	0.091
2221	22.20	5.395	11.034	15.958	19.120	19.806	17.833	13.560	7.711	1.130	-5.424
2231	22.30	-11.347	-16.148	-19.362	-20.520	-19.247	-15.439	-9.447	-2.127	5.291	11.517
2241	22.40	15.559	16.995	16.044	13.404	9.949	6.423	3.254	0.552	-1.747	-3.692
2251	22.50	-5.204	-6.088	-6.153	-5.369	-3.951	-2.321	-0.974	-0.292	-0.426	-1.282
2261	22.60	-2.609	-4.130	-5.648	-7.064	-8.317	-9.292	-9.773	-9.474	-8.138	-5.672
2271	22.70	-2.227	1.804	5.882	9.464	12.131	13.655	14.000	13.280	11.712	9.592
2281	22.80	7.284	5.202	3.745	3.189	3.577	4.651	5.889	6.651	6.388	4.841
2291	22.90	2.141	-1.233	-4.600	-7.288	-8.801	-8.904	-7.604	-5.086	-1.659	2.270
2301	23.00	6.171	9.397	11.247	11.123	8.738	4.285	-1.519	-7.560	-12.616	-15.685
2311	23.10	-16.262	-14.432	-10.782	-6.181	-1.523	2.450	5.215	6.441	5.945	3.691
2321	23.20	-0.133	-5.024	-10.130	-14.358	-16.632	-16.222	-13.035	-7.701	-1.428	4.357
2331	23.30	8.455	10.232	9.758	7.679	4.917	2.324	0.442	-0.565	-0.813	-0.521
2341	23.40	0.139	1.097	2.331	3.776	5.254	6.487	7.191	7.185	6.463	5.178
2351	23.50	3.555	1.787	-0.020	-1.821	-3.537	-4.974	-5.806	-5.686	-4.422	-2.149
2361	23.60	0.609	3.061	4.419	4.213	2.515	-0.046	-2.503	-3.915	-3.727	-1.972
2371	23.70	0.775	3.655	5.878	7.009	7.065	6.394	5.424	4.408	3.305	1.845
2381	23.80	-0.262	-3.086	-6.334	-9.384	-11.471	-11.961	-10.574	-7.479	-3.244	1.341
2391	23.90	5.456	8.418	9.768	9.318	7.161	3.690	-0.413	-4.239	-6.819	-7.373
2401	24.00	-5.581	-1.762	3.129	7.736	10.697	11.077	8.660	4.003	-1.786	-7.428
2411	24.10	-11.880	-14.584	-15.503	-14.960	-13.388	-11.122	-8.344	-5.151	-1.706	1.658
2421	24.20	4.448	6.152	6.435	5.294	3.086	0.406	-2.125	-4.069	-5.276	-5.852
2431	24.30	-6.023	-5.970	-5.725	-5.177	-4.172	-2.645	-0.705	1.368	3.221	4.555
2441	24.40	5.241	5.345	5.080	4.705	4.433	4.377	4.554	4.928	5.447	6.057
2451	24.50	6.685	7.212	7.477	7.313	6.618	5.428	3.944	2.503	1.480	1.171
2461	24.60	1.692	2.941	4.628	6.364	7.770	8.563	8.593	7.839	6.372	4.313
2471	24.70	1.810	-0.969	-3.825	-6.525	-8.808	-10.425	-11.180	-10.992	-9.929	-8.225
2481	24.80	-6.247	-4.435	-3.200	-2.829	-3.394	-4.729	-6.453	-8.073	-9.110	-9.240
2491	24.90	-8.376	-6.685	-4.519	-2.302	-0.395	0.988	1.811	2.169	2.210	2.046

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

INDEX NO. 2024 503-GR-1-90 HA. (HA.) KANNONZAKI MAX. ACC. = -232.076 (GAL) T= 10.85 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.709	1.155	0.318	-0.819	-2.165	-3.514	-4.582	-5.087	-4.841	-3.822
2511	25.10	-2.195	-0.280	1.535	2.902	3.617	3.683	3.312	2.852	2.667	3.009
2521	25.20	3.916	5.189	6.450	7.275	7.339	6.536	5.000	3.043	1.020	-0.804
2531	25.30	-2.339	-3.649	-4.649	-5.971	-6.864	-7.200	-6.589	-4.764	-1.746	2.084
2541	25.40	6.062	9.441	11.661	12.446	12.055	10.977	9.803	8.959	8.552	8.348
2551	25.50	7.915	6.839	4.923	2.290	-0.647	-3.331	-5.246	-6.065	-5.737	-4.449
2561	25.60	-2.539	-0.395	1.639	3.307	4.458	5.036	5.062	4.608	3.769	2.617
2571	25.70	1.181	-0.556	-2.615	-4.944	-7.350	-9.475	-10.860	-11.086	-9.942	-7.553
2581	25.80	-4.389	-1.128	1.573	3.313	4.080	4.210	4.181	4.347	4.723	4.951
2591	25.90	4.450	2.709	-0.426	-4.611	-9.070	-12.861	-15.207	-15.767	-14.710	-12.585
2601	26.00	-10.068	-7.690	-5.698	-4.071	-2.674	-1.431	-0.424	0.169	0.120	-0.481
2611	26.10	-1.348	-1.965	-1.801	-0.552	1.698	4.459	6.997	8.597	8.823	7.664
2621	26.20	5.529	3.089	1.055	-0.031	0.077	1.312	3.361	5.774	8.071	9.832
2631	26.30	10.758	10.708	9.719	7.994	5.858	3.679	1.775	0.343	-0.569	-1.033
2641	26.40	-1.168	-1.061	-0.727	-0.118	0.815	2.049	3.452	4.794	5.811	6.300
2651	26.50	6.182	5.516	4.457	3.184	1.830	0.459	-0.917	-2.295	-3.638	-4.874
2661	26.60	-5.925	-6.747	-7.362	-7.841	-8.259	-8.632	-8.882	-8.864	-8.426	-7.502
2671	26.70	-6.161	-4.603	-3.088	-1.828	-0.909	-0.277	0.201	0.627	0.978	1.082
2681	26.80	0.683	-0.418	-2.230	-4.501	-6.759	-8.451	-9.135	-8.618	-7.010	-4.653
2691	26.90	-1.979	0.633	2.942	4.829	6.224	7.026	7.092	6.299	4.667	2.461
2701	27.00	0.192	-1.520	-2.168	-1.602	-0.140	1.493	2.432	2.022	0.122	-2.780
2711	27.10	-5.707	-7.541	-7.450	-5.209	-1.306	3.230	7.192	9.601	10.005	8.557
2721	27.20	5.873	2.749	-0.119	-2.326	-3.771	-4.553	-4.806	-4.583	-3.832	-2.462
2731	27.30	-0.459	2.030	4.687	7.094	8.854	9.697	9.538	8.461	6.655	4.347
2741	27.40	1.756	-0.912	-3.434	-5.561	-7.031	-7.625	-7.241	-5.952	-4.012	-1.806
2751	27.50	0.252	1.824	2.732	2.977	2.703	2.127	1.453	0.823	0.299	-0.117
2761	27.60	-0.455	-0.736	-0.961	-1.108	-1.141	-1.025	-0.730	-0.234	0.464	1.339
2771	27.70	2.330	3.329	4.189	4.755	4.898	4.561	3.782	2.691	1.477	0.337
2781	27.80	-0.575	-1.179	-1.470	-1.490	-1.288	-0.896	-0.323	0.418	1.278	2.146
2791	27.90	2.851	3.204	3.054	2.343	1.131	-0.418	-2.099	-3.724	-5.169	-6.384
2801	28.00	-7.358	-8.060	-8.410	-8.276	-7.526	-6.106	-4.105	-1.772	0.528	2.418
2811	28.10	3.618	4.025	3.730	2.956	1.972	0.993	0.140	-0.547	-1.057	-1.348
2821	28.20	-1.327	-0.875	0.077	1.482	3.143	4.756	5.991	6.606	6.525	5.841
2831	28.30	4.763	3.514	2.249	1.016	-0.215	-1.485	-2.779	-4.003	-5.018	-5.712
2841	28.40	-6.064	-6.162	-6.157	-6.161	-6.164	-5.998	-5.396	-4.116	-2.091	0.486
2851	28.50	3.177	5.423	6.734	6.866	5.902	4.212	2.302	0.628	-0.551	-1.221
2861	28.60	-1.554	-1.775	-2.033	-2.333	-2.548	-2.506	-2.095	-1.323	-0.325	0.699
2871	28.70	1.569	2.184	2.536	2.679	2.676	2.560	2.330	1.985	1.554	1.111
2881	28.80	0.744	0.511	0.385	0.251	-0.051	-0.644	-1.532	-2.572	-3.512	-4.087
2891	28.90	-4.133	-3.665	-2.862	-1.993	-1.283	-0.810	-0.462	0.004	0.848	2.210
2901	29.00	4.026	6.019	7.783	8.901	9.075	8.200	6.377	3.875	1.060	-1.676
2911	29.10	-3.972	-5.545	-6.220	-5.961	-4.887	-3.255	-1.418	0.256	1.473	2.078
2921	29.20	2.085	1.638	0.948	0.210	-0.444	-0.959	-1.321	-1.523	-1.531	-1.296
2931	29.30	-0.790	-0.048	0.808	1.586	2.082	2.154	1.779	1.070	0.247	-0.436
2941	29.40	-0.761	-0.611	0.012	0.988	2.123	3.185	3.952	4.250	3.980	3.142
2951	29.50	1.843	0.279	-1.299	-2.639	-3.544	-3.909	-3.729	-3.085	-2.103	-0.928
2961	29.60	0.296	1.426	2.308	2.791	2.751	2.144	1.044	-0.344	-1.723	-2.787
2971	29.70	-3.321	-3.273	-2.767	-2.052	-1.398	-0.992	-0.876	-0.957	-1.065	-1.054
2981	29.80	-0.864	-0.547	-0.224	-0.022	-0.003	-0.146	-0.365	-0.561	-0.678	-0.724
2991	29.90	-0.751	-0.818	-0.945	-1.109	-1.253	-1.333	-1.348	-1.337	-1.352	-1.413

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

INDEX NO. 2024 503-GR-1-90 HA. (HA.) KANNONZAKI MAX. ACC. = -232.076 (GAL) T= 10.85 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.477	-1.447	-1.228	-0.788	-0.212	0.311	0.556	0.367	-0.247	-1.083
3011	30.10	-1.797	-2.026	-1.535	-0.321	1.365	3.103	4.438	5.030	4.755	3.714
3021	30.20	2.172	0.444	-1.195	-2.577	-3.632	-4.352	-4.739	-4.784	-4.469	-3.805
3031	30.30	-2.865	-1.787	-0.749	0.090	0.649	0.958	1.145	1.385	1.826	2.520
3041	30.40	3.403	4.310	5.036	5.407	5.338	4.869	4.042	3.054	2.003	0.965
3051	30.50	-0.021	-0.917	-1.652	-2.108	-2.144	-1.657	-0.652	0.717	2.153	3.292
3061	30.60	3.814	3.560	2.586	1.166	-0.324	-1.516	-2.188	-2.318	-2.069	-1.696
3071	30.70	-1.425	-1.359	-1.446	-1.520	-1.388	-0.925	-0.134	0.856	1.834	2.584
3081	30.80	2.955	2.891	2.432	1.681	0.768	-0.192	-1.114	-1.960	-2.735	-3.477
3091	30.90	-4.226	-4.995	-5.729	-6.286	-6.456	-6.027	-4.867	-3.020	-0.738	1.556
3101	31.00	3.381	4.357	4.335	3.458	2.108	0.770	-0.140	-0.408	-0.065	0.667
3111	31.10	1.497	2.181	2.597	2.737	2.643	2.340	1.801	0.976	-0.141	-1.439
3121	31.20	-2.684	-3.565	-3.812	-3.309	-2.159	-0.659	0.793	1.843	2.283	2.102
3131	31.30	1.447	0.536	-0.436	-1.349	-2.157	-2.840	-3.360	-3.633	-3.555	-3.051
3141	31.40	-2.139	-0.945	0.318	1.410	2.145	2.446	2.358	2.019	1.605	1.272
3151	31.50	1.115	1.161	1.385	1.744	2.199	2.736	3.368	4.115	4.978	5.916
3161	31.60	6.825	7.542	7.875	7.653	6.794	5.353	3.530	1.628	-0.032	-1.211
3171	31.70	-1.836	-2.013	-1.978	-1.994	-2.244	-2.755	-3.398	-3.957	-4.230	-4.118
3181	31.80	-3.657	-2.991	-2.292	-1.685	-1.203	-0.802	-0.421	-0.046	0.257	0.360
3191	31.90	0.139	-0.458	-1.363	-2.410	-3.394	-4.152	-4.625	-4.856	-4.944	-4.963
3201	32.00	-4.907	-4.685	-4.170	-3.280	-2.055	-0.667	0.625	1.569	2.022	1.997
3211	32.10	1.649	1.198	0.830	0.623	0.537	0.463	0.304	0.044	-0.233	-0.383
3221	32.20	-0.281	0.107	0.694	1.307	1.759	1.934	1.831	1.541	1.191	0.854
3231	32.30	0.511	0.058	-0.618	-1.551	-2.631	-3.611	-4.183	-4.110	-3.329	-2.001
3241	32.40	-0.465	0.879	1.712	1.898	1.510	0.771	-0.060	-0.791	-1.351	-1.776
3251	32.50	-2.131	-2.440	-2.638	-2.590	-2.154	-1.260	0.038	1.571	3.108	4.435
3261	32.60	5.416	6.001	6.196	6.015	5.447	4.467	3.085	1.413	-0.314	-1.761
3271	32.70	-2.594	-2.593	-1.748	-0.279	1.429	2.965	4.023	4.494	4.473	4.179
3281	32.80	3.834	3.568	3.375	3.148	2.761	2.153	1.370	0.540	-0.194	-0.748
3291	32.90	-1.138	-1.460	-1.828	-2.303	-2.850	-3.359	-3.708	-3.843	-3.823	-3.801
3301	33.00	-3.944	-4.326	-4.859	-5.287	-5.272	-4.530	-2.965	-0.738	1.773	4.085
3311	33.10	5.780	6.634	6.677	6.145	5.359	4.591	3.970	3.463	2.944	2.292
3321	33.20	1.492	0.665	0.040	-0.142	0.270	1.264	2.644	4.083	5.214	5.734
3331	33.30	5.478	4.460	2.862	0.983	-0.830	-2.257	-3.070	-3.178	-2.643	-1.656
3341	33.40	-0.488	0.585	1.352	1.709	1.672	1.337	0.818	0.189	-0.546	-1.444
3351	33.50	-2.564	-3.916	-5.409	-6.860	-8.036	-8.732	-8.839	-8.378	-7.689	-6.371
3361	33.60	-5.220	-4.173	-3.295	-2.591	-2.047	-1.654	-1.417	-1.341	-1.412	-1.576
3371	33.70	-1.755	-1.867	-1.862	-1.734	-1.512	-1.234	-0.919	-0.553	-0.107	0.422
3381	33.80	0.977	1.436	1.646	1.489	0.948	0.146	-0.680	-1.254	-1.367	-0.949
3391	33.90	-0.096	0.982	2.050	2.943	3.612	4.102	4.480	4.752	4.813	4.479
3401	34.00	3.578	2.064	0.096	-1.959	-3.628	-4.484	-4.309	-3.175	-1.430	0.416
3411	34.10	1.862	2.573	2.461	1.685	0.563	-0.543	-1.334	-1.635	-1.414	-0.755
3421	34.20	0.164	1.106	1.801	1.991	1.486	0.239	-1.601	-3.685	-5.525	-6.620
3431	34.30	-6.613	-5.414	-3.244	-0.580	1.991	3.946	4.978	5.056	4.398	3.363
3441	34.40	2.323	1.554	1.191	1.234	1.594	2.139	2.729	3.227	3.502	3.442
3451	34.50	2.979	2.121	0.970	-0.285	-1.415	-2.210	-2.544	-2.398	-1.846	-1.014
3461	34.60	-0.029	1.010	2.031	2.959	3.689	4.077	3.970	3.269	1.979	0.248
3471	34.70	-1.661	-3.432	-4.787	-5.555	-5.710	-5.347	-4.631	-3.726	-2.749	-1.754
3481	34.80	-0.753	0.258	1.260	2.206	3.019	3.613	3.912	3.864	3.459	2.736
3491	34.90	1.791	0.779	-0.106	-0.663	-0.740	-0.285	0.625	1.791	2.940	3.806

Table 7-16-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 2024 503-GR-1-90 HA. (HA.) KANNONZAKI MAX. ACC. = -232.076 (GAL) T= 10.85 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	4.202	4.066	3.465	2.554	1.514	0.499	-0.391	-1.110	-1.641	-1.966
3511	35.10	-2.065	-1.916	-1.518	-0.902	-0.134	0.706	1.542	2.314	2.973	3.466
3521	35.20	3.727	3.678	3.261	2.476	1.407	0.224	-0.865	-1.679	-2.130	-2.253
3531	35.30	-2.185	-2.094	-2.106	-2.240	-2.411	-2.473	-2.293	-1.823	-1.117	-0.309
3541	35.40	0.457	1.078	1.532	1.850	2.073	2.200	2.171	1.892	1.298	0.403
3551	35.50	-0.672	-1.737	-2.601	-3.147	-3.374	-3.380	-3.291	-3.189	-3.059	-2.800
3561	35.60	-2.296	-1.501	-0.501	0.490	1.203	1.425	1.098	0.350	-0.558	-1.341
3571	35.70	-1.812	-1.953	-1.900	-1.861	-1.991	-2.305	-2.654	-2.799	-2.522	-1.743
3581	35.80	-0.575	0.706	1.762	2.320	2.267	1.684	0.799	-0.112	-0.821	-1.215
3591	35.90	-1.312	-1.218	-1.067	-0.969	-0.980	-1.096	-1.271	-1.439	-1.526	-1.470
3601	36.00	-1.229	-0.797	-0.227	0.374	0.857	1.080	0.959	0.521	-0.089	-0.635
3611	36.10	-0.863	-0.592	0.224	1.468	2.892	4.187	5.075	5.371	5.024	4.106
3621	36.20	2.784	1.272	-0.203	-1.434	-2.248	-2.534	-2.255	-1.469	-0.324	0.962
3631	36.30	2.142	2.993	3.362	3.188	2.506	1.425	0.098	-1.298	-2.589	-3.611
3641	36.40	-4.239	-4.409	-4.144	-3.558	-2.837	-2.183	-1.747	-1.573	-1.577	-1.591
3651	36.50	-1.439	-1.028	-0.405	0.250	0.695	0.734	0.309	-0.460	-1.307	-1.924
3661	36.60	-2.072	-1.667	-0.799	0.316	1.430	2.344	2.961	3.283	3.372	3.296
3671	36.70	3.110	2.848	2.552	2.288	2.140	2.185	2.446	2.870	3.332	3.678
3681	36.80	3.790	3.632	3.260	2.798	2.369	2.047	1.826	1.642	1.414	1.095
3691	36.90	0.693	0.257	-0.163	-0.556	-0.962	-1.447	-2.052	-2.740	-3.384	-3.801
3701	37.00	-3.817	-3.355	-2.474	-1.373	-0.321	0.428	0.719	0.535	-0.010	-0.736
3711	37.10	-1.456	-2.039	-2.625	-2.612	-2.626	-2.495	-2.231	-1.846	-1.363	-0.830
3721	37.20	-0.317	0.095	0.340	0.385	0.236	-0.060	-0.433	-0.791	-1.038	-1.082
3731	37.30	-0.850	-0.312	0.507	1.511	2.543	3.416	3.962	4.077	3.756	3.091
3741	37.40	2.243	1.391	0.669	0.136	-0.235	-0.528	-0.844	-1.246	-1.734	-2.243
3751	37.50	-2.670	-2.916	-2.928	-2.720	-2.370	-1.987	-1.670	-1.472	-1.382	-1.340
3761	37.60	-1.273	-1.134	-0.927	-0.708	-0.559	-0.544	-0.674	-0.905	-1.155	-1.352
3771	37.70	-1.476	-1.572	-1.725	-2.005	-2.409	-2.828	-3.070	-2.922	-2.247	-1.053
3781	37.80	0.491	2.097	3.465	4.377	4.768	4.723	4.415	4.010	3.593	3.151
3791	37.90	2.607	1.900	1.051	0.191	-0.482	-0.781	-0.617	-0.043	0.762	1.562
3801	38.00	2.163	2.474	2.524	2.424	2.291	2.194	2.125	2.024	1.832	1.537
3811	38.10	1.187	0.870	0.664	0.592	0.612	0.638	0.590	0.438	0.212	-0.016
3821	38.20	-0.182	-0.271	-0.332	-0.446	-0.684	-1.056	-1.499	-1.908	-2.194	-2.335
3831	38.30	-2.402	-2.520	-2.799	-3.260	-3.794	-4.187	-4.204	-3.691	-2.658	-1.301
3841	38.40	0.058	1.082	1.535	1.367	0.720	-0.133	-0.893	-1.335	-1.376	-1.072
3851	38.50	-0.574	-0.052	0.364	0.620	0.734	0.760	0.755	0.748	0.734	0.685
3861	38.60	0.574	0.387	0.142	-0.116	-0.322	-0.403	-0.298	0.028	0.569	1.270
3871	38.70	2.024	2.693	3.131	3.219	2.904	2.214	1.263	0.226	-0.705	-1.360
3881	38.80	-1.639	-1.530	-1.108	-0.514	0.087	0.544	0.755	0.683	0.360	-0.131
3891	38.90	-0.679	-1.174	-1.528	-1.685	-1.627	-1.361	-0.917	-0.333	0.343	1.059
3901	39.00	1.754	2.366	2.839	3.131	3.225	3.129	2.877	2.514	2.085	1.629
3911	39.10	1.172	0.737	0.346	0.026	-0.191	-0.278	-0.219	-0.019	0.300	0.695
3921	39.20	1.119	1.525	1.864	2.096	2.180	2.085	1.797	1.332	0.739	0.102
3931	39.30	-0.486	-0.945	-1.239	-1.383	-1.444	-1.501	-1.615	-1.795	-1.986	-2.088
3941	39.40	-2.001	-1.671	-1.124	-0.473	0.113	0.466	0.461	0.081	-0.597	-1.425
3951	39.50	-2.234	-2.893	-3.350	-3.640	-3.865	-4.139	-4.543	-5.083	-5.681	-6.190
3961	39.60	-6.448	-6.323	-5.767	-4.836	-3.681	-2.508	-1.525	-0.878	-0.613	-0.663
3971	39.70	-0.877	-1.070	-1.085	-0.849	-0.393	0.161	0.647	0.919	0.906	0.643
3981	39.80	0.257	-0.073	-0.175	0.060	0.652	1.538	2.602	3.718	4.782	5.719
3991	39.90	6.476	6.999	7.222	7.075	6.513	5.550	4.280	2.870	1.518	0.398

Table 7-16-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 2024 503-GR-1-90 HA. (HA.) KANNONZAKI MAX. ACC. = -232.076 (GAL) T= 10.85 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.863	-1.094	-1.199	-1.256	-1.268	-1.162	-0.841	-0.245	0.593
4011	40.10	1.528	2.346	2.837	2.874	2.460	1.727	0.874	0.092	-0.508	-0.917
4021	40.20	-1.206	-1.462	-1.727	-1.972	-2.104	-2.020	-1.668	-1.085	-0.391	0.253
4031	40.30	0.711	0.924	0.928	0.824	0.733	0.733	0.836	0.989	1.114	1.147
4041	40.40	1.073	0.927	0.772	0.664	0.627	0.642	0.664	0.650	0.583	0.477
4051	40.50	0.367	0.291	0.259	0.251	0.218	0.109	-0.110	-0.436	-0.827	-1.216
4061	40.60	-1.532	-1.727	-1.785	-1.731	-1.618	-1.511	-1.465	-1.507	-1.629	-1.791
4071	40.70	-1.933	-2.002	-1.967	-1.833	-1.640	-1.441	-1.283	-1.187	-1.141	-1.109
4081	40.80	-1.058	-0.978	-0.897	-0.864	-0.930	-1.107	-1.347	-1.546	-1.565	-1.281
4091	40.90	-0.627	0.375	1.620	2.944	4.161	5.106	5.657	5.746	5.360	4.541
4101	41.00	3.389	2.062	0.765	-0.280	-0.878	-0.919	-0.415	0.490	1.554	2.503
4111	41.10	3.106	3.236	2.891	2.177	1.263	0.320	-0.513	-1.149	-1.548	-1.706
4121	41.20	-1.647	-1.421	-1.106	-0.802	-0.607	-0.590	-0.763	-1.076	-1.438	-1.756
4131	41.30	-1.980	-2.122	-2.242	-2.403	-2.619	-2.825	-2.890	-2.674	-2.097	-1.193
4141	41.40	-0.121	0.888	1.613	1.917	1.793	1.344	0.721	0.053	-0.600	-1.239
4151	41.50	-1.889	-2.535	-3.096	-3.434	-3.417	-2.981	-2.181	-1.179	-0.187	0.613
4161	41.60	1.135	1.401	1.505	1.545	1.560	1.509	1.305	0.875	0.216	-0.577
4171	41.70	-1.342	-1.913	-2.189	-2.167	-1.931	-1.603	-1.282	-1.002	-0.730	-0.398
4181	41.80	0.047	0.614	1.259	1.903	2.465	2.881	3.106	3.104	2.843	2.297
4191	41.90	1.479	0.467	-0.586	-1.478	-2.015	-2.080	-1.681	-0.952	-0.104	0.657
4201	42.00	1.206	1.530	1.714	1.871	2.079	2.334	2.558	2.647	2.528	2.204
4211	42.10	1.753	1.286	0.895	0.616	0.424	0.271	0.131	0.036	0.063	0.297
4221	42.20	0.768	1.410	2.069	2.548	2.685	2.421	1.826	1.071	0.357	-0.161
4231	42.30	-0.429	-0.504	-0.513	-0.587	-0.806	-1.161	-1.573	-1.932	-2.141	-2.159
4241	42.40	-2.003	-1.731	-1.414	-1.100	-0.809	-0.533	-0.262	0.006	0.247	0.427
4251	42.50	0.510	0.481	0.354	0.164	-0.044	-0.236	-0.406	-0.570	-0.756	-0.982
4261	42.60	-1.240	-1.492	-1.685	-1.780	-1.767	-1.687	-1.607	-1.598	-1.696	-1.883
4271	42.70	-2.086	-2.213	-2.191	-2.006	-1.709	-1.401	-1.178	-1.092	-1.121	-1.179
4281	42.80	-1.158	-0.978	-0.632	-0.190	0.230	0.511	0.582	0.442	0.150	-0.210
4291	42.90	-0.559	-0.848	-1.045	-1.122	-1.030	-0.708	-0.107	0.759	1.789	2.795
4301	43.00	3.548	3.854	3.637	2.973	2.084	1.267	0.793	0.817	1.333	2.179
4311	43.10	3.106	3.860	4.258	4.234	3.834	3.180	2.416	1.667	1.008	0.462
4321	43.20	0.015	-0.366	-0.705	-1.011	-1.263	-1.418	-1.427	-1.251	-0.888	-0.392
4331	43.30	0.130	0.532	0.674	0.466	-0.091	-0.889	-1.761	-2.429	-2.769	-2.677
4341	43.40	-2.186	-1.440	-0.644	0.006	0.372	0.415	0.183	-0.215	-0.658	-1.048
4351	43.50	-1.332	-1.498	-1.556	-1.519	-1.392	-1.170	-0.857	-0.471	-0.052	0.347
4361	43.60	0.681	0.930	1.103	1.231	1.346	1.453	1.519	1.483	1.279	0.870
4371	43.70	0.279	-0.416	-1.099	-1.654	-2.010	-2.153	-2.126	-1.998	-1.828	-1.640
4381	43.80	-1.422	-1.140	-0.772	-0.325	0.160	0.631	1.045	1.390	1.679	1.927
4391	43.90	2.125	2.224	2.146	1.820	1.232	0.447	-0.394	-1.120	-1.595	-1.776
4401	44.00	-1.725	-1.587	-1.512	-1.591	-1.809	-2.055	-2.175	-2.047	-1.638	-1.020
4411	44.10	-0.331	0.292	0.768	1.105	1.375	1.657	1.973	2.264	2.401	2.254
4421	44.20	1.762	0.987	0.113	-0.603	-0.926	-0.727	-0.032	0.981	2.046	2.894
4431	44.30	3.337	3.309	2.873	2.174	1.382	0.635	0.013	-0.471	-0.847	-1.158
4441	44.40	-1.429	-1.663	-1.833	-1.899	-1.827	-1.601	-1.229	-0.746	-0.205	0.329
4451	44.50	0.794	1.138	1.325	1.343	1.204	0.947	0.626	0.307	0.049	-0.106
4461	44.60	-0.143	-0.076	0.063	0.231	0.394	0.534	0.650	0.751	0.841	0.912
4471	44.70	0.946	0.919	0.817	0.650	0.445	0.240	0.062	-0.092	-0.255	-0.482
4481	44.80	-0.814	-1.256	-1.756	-2.213	-2.508	-2.542	-2.281	-1.761	-1.084	-0.380
4491	44.90	0.241	0.711	1.018	1.185	1.239	1.185	0.999	0.643	0.099	-0.599

Table 7-16-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2024 503-GR-1-90 HA. (HA.) KANNONZAKI MAX. ACC. = -232.076 (GAL) T= 10.85 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.357	-2.030	-2.466	-2.554	-2.265	-1.664	-0.890	-0.121	0.486	0.828
4511	45.10	0.875	0.662	0.262	-0.244	-0.788	-1.322	-1.813	-2.234	-2.552	-2.734
4521	45.20	-2.755	-2.611	-2.325	-1.945	-1.527	-1.117	-0.740	-0.393	-0.057	0.291
4531	45.30	0.658	1.031	1.379	1.668	1.876	1.996	2.040	2.023	1.960	1.858
4541	45.40	1.724	1.574	1.444	1.381	1.433	1.616	1.900	2.205	2.422	2.457
4551	45.50	2.267	1.890	1.427	1.012	0.753	0.691	0.784	0.931	1.022	0.979
4561	45.60	0.791	0.503	0.180	-0.134	-0.441	-0.783	-1.205	-1.706	-2.221	-2.621
4571	45.70	-2.770	-2.581	-2.067	-1.346	-0.608	-0.043	0.225	0.173	-0.131	-0.574
4581	45.80	-1.047	-1.489	-1.879	-2.206	-2.439	-2.500	-2.296	-1.765	-0.932	0.069
4591	45.90	1.013	1.663	1.851	1.551	0.884	0.076	-0.633	-1.074	-1.200	-1.070
4601	46.00	-0.798	-0.480	-0.145	0.243	0.741	1.375	2.089	2.751	3.202	3.317
4611	46.10	3.069	2.536	1.874	1.248	0.766	0.446	0.225	0.010	-0.263	-0.594
4621	46.20	-0.912	-1.112	-1.104	-0.859	-0.416	0.135	0.687	1.156	1.501	1.717
4631	46.30	1.819	1.822	1.735	1.567	1.337	1.081	0.847	0.675	0.578	0.531
4641	46.40	0.485	0.388	0.216	-0.015	-0.253	-0.437	-0.527	-0.533	-0.507	-0.523
4651	46.50	-0.643	-0.882	-1.204	-1.535	-1.796	-1.935	-1.944	-1.853	-1.713	-1.564
4661	46.60	-1.423	-1.286	-1.136	-0.962	-0.773	-0.587	-0.428	-0.303	-0.208	-0.127
4671	46.70	-0.048	0.027	0.081	0.095	0.067	0.019	0.001	0.064	0.239	0.515
4681	46.80	0.836	1.119	1.288	1.302	1.173	0.954	0.712	0.502	0.341	0.218
4691	46.90	0.103	-0.026	-0.167	-0.300	-0.400	-0.455	-0.482	-0.520	-0.608	-0.773
4701	47.00	-1.008	-1.284	-1.560	-1.803	-1.997	-2.136	-2.207	-2.180	-2.011	-1.662
4711	47.10	-1.130	-0.478	0.172	0.667	0.872	0.726	0.262	-0.404	-1.115	-1.735
4721	47.20	-2.186	-2.463	-2.600	-2.629	-2.543	-2.289	-1.802	-1.052	-0.090	0.946
4731	47.30	1.865	2.482	2.694	2.508	2.035	1.440	0.875	0.423	0.093	-0.161
4741	47.40	-0.388	-0.592	-0.723	-0.695	-0.429	0.101	0.848	1.703	2.535	3.236
4751	47.50	3.743	4.044	4.156	4.093	3.856	3.433	2.823	2.060	1.225	0.433
4761	47.60	-0.199	-0.590	-0.721	-0.630	-0.394	-0.096	0.202	0.473	0.713	0.926
4771	47.70	1.104	1.232	1.290	1.271	1.187	1.064	0.928	0.784	0.617	0.398
4781	47.80	0.112	-0.216	-0.519	-0.702	-0.680	-0.422	0.022	0.527	0.929	1.084
4791	47.90	0.917	0.449	-0.220	-0.950	-1.619	-2.156	-2.560	-2.870	-3.135	-3.374
4801	48.00	-3.564	-3.653	-3.591	-3.361	-2.996	-2.569	-2.173	-1.876	-1.709	-1.647
4811	48.10	-1.634	-1.598	-1.482	-1.254	-0.910	-0.470	0.030	0.543	1.010	1.366
4821	48.20	1.553	1.535	1.316	0.954	0.548	0.213	0.045	0.084	0.310	0.647
4831	48.30	1.001	1.293	1.483	1.574	1.588	1.540	1.418	1.188	0.816	0.306
4841	48.40	-0.284	-0.843	-1.242	-1.385	-1.247	-0.893	-0.450	-0.057	0.192	0.279
4851	48.50	0.259	0.225	0.253	0.367	0.527	0.658	0.689	0.595	0.404	0.179
4861	48.60	-0.019	-0.161	-0.263	-0.359	-0.462	-0.536	-0.488	-0.210	0.362	1.197
4871	48.70	2.153	3.010	3.551	3.648	3.320	2.732	2.135	1.764	1.749	2.063
4881	48.80	2.540	2.949	3.086	2.852	2.281	1.509	0.708	0.021	-0.489	-0.832
4891	48.90	-1.062	-1.230	-1.347	-1.383	-1.292	-1.048	-0.676	-0.255	0.107	0.308
4901	49.00	0.296	0.080	-0.277	-0.691	-1.093	-1.457	-1.799	-2.158	-2.562	-2.998
4911	49.10	-3.408	-3.698	-3.772	-3.574	-3.112	-2.463	-1.756	-1.128	-0.683	-0.466
4921	49.20	-0.445	-0.537	-0.640	-0.670	-0.591	-0.420	-0.214	-0.041	0.048	0.035
4931	49.30	-0.063	-0.211	-0.376	-0.543	-0.713	-0.891	-1.068	-1.205	-1.239	-1.104
4941	49.40	-0.760	-0.221	0.434	1.079	1.582	1.840	1.824	1.580	1.210	0.830
4951	49.50	0.525	0.323	0.190	0.057	-0.137	-0.413	-0.731	-1.006	-1.138	-1.054
4961	49.60	-0.739	-0.244	0.335	0.886	1.322	1.606	1.750	1.799	1.805	1.802
4971	49.70	1.795	1.763	1.679	1.528	1.315	1.070	0.832	0.631	0.460	0.369
4981	49.80	0.273	0.167	0.038	-0.105	-0.239	-0.331	-0.354	-0.290	-0.139	0.085
4991	49.90	0.358	0.643	0.896	1.066	1.104	0.972	0.661	0.199	-0.345	-0.876

Table 7－16－11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 2024 503-GR-1-90 HA. (HA.) KANNONZAKI MAX. ACC. = -232.076 (GAL) T= 10.85 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.294	-1.523	-1.532	-1.345	-1.024	-0.649	-0.287	0.023	0.274	0.473
5011	50.10	0.617	0.680	0.608	0.339	-0.161	-0.876	-1.720	-2.552	-3.216	-3.584
5021	50.20	-3.601	-3.297	-2.773	-2.162	-1.577	-1.079	-0.667	-0.299	0.071	0.452
5031	50.30	0.803	1.043	1.090	0.901	0.506	0.003	-0.473	-0.803	-0.932	-0.887
5041	50.40	-0.766	-0.685	-0.727	-0.900	-1.133	-1.309	-1.324	-1.133	-0.774	-0.355
5051	50.50	0.001	0.212	0.273	0.259	0.286	0.452	0.788	1.236	1.674	1.961
5061	50.60	1.999	1.771	1.342	0.827	0.343	-0.029	-0.266	-0.389	-0.438	-0.440
5071	50.70	-0.400	-0.305	-0.148	0.060	0.282	0.473	0.607	0.697	0.800	0.993
5081	50.80	1.337	1.840	2.445	3.038	3.484	3.676	3.568	3.190	2.631	2.006
5091	50.90	1.422	0.947	0.608	0.398	0.288	0.245	0.239	0.240	0.220	0.152
5101	51.00	0.023	-0.160	-0.362	-0.522	-0.572	-0.461	-0.170	0.271	0.789	1.289
5111	51.10	1.676	1.878	1.863	1.638	1.241	0.729	0.167	-0.387	-0.879	-1.268
5121	51.20	-1.524	-1.632	-1.593	-1.424	-1.153	-0.818	-0.455	-0.100	0.224	0.495
5131	51.30	0.698	0.824	0.868	0.834	0.736	0.595	0.436	0.279	0.131	-0.013
5141	51.40	-0.170	-0.356	-0.579	-0.827	-1.069	-1.268	-1.388	-1.418	-1.368	-1.276
5151	51.50	-1.187	-1.140	-1.158	-1.236	-1.355	-1.490	-1.623	-1.748	-1.866	-1.975
5161	51.60	-2.059	-2.086	-2.016	-1.818	-1.491	-1.065	-0.605	-0.183	0.140	0.340
5171	51.70	0.436	0.478	0.522	0.612	0.757	0.937	1.112	1.246	1.321	1.345
5181	51.80	1.341	1.332	1.331	1.328	1.296	1.208	1.047	0.815	0.532	0.227
5191	51.90	-0.071	-0.343	-0.581	-0.783	-0.946	-1.065	-1.128	-1.124	-1.049	-0.905
5201	52.00	-0.706	-0.470	-0.216	0.038	0.277	0.484	0.643	0.736	0.748	0.671
5211	52.10	0.511	0.289	0.034	-0.219	-0.441	-0.610	-0.716	-0.762	-0.758	-0.716
5221	52.20	-0.652	-0.573	-0.484	-0.382	-0.256	-0.096	0.107	0.357	0.647	0.961
5231	52.30	1.276	1.563	1.798	1.956	2.020	1.971	1.793	1.477	1.021	0.443
5241	52.40	-0.220	-0.911	-1.562	-2.105	-2.493	-2.705	-2.756	-2.685	-2.545	-2.382
5251	52.50	-2.222	-2.064	-1.877	-1.619	-1.257	-0.780	-0.219	0.357	0.856	1.183
5261	52.60	1.273	1.108	0.723	0.191	-0.396	-0.957	-1.440	-1.823	-2.105	-2.283
5271	52.70	-2.341	-2.244	-1.960	-1.475	-0.822	-0.081	0.634	1.204	1.547	1.636
5281	52.80	1.504	1.228	0.894	0.573	0.304	0.098	-0.047	-0.133	-0.151	-0.096
5291	52.90	0.028	0.192	0.346	0.436	0.430	0.336	0.209	0.132	0.183	0.402
5301	53.00	0.769	1.204	1.592	1.815	1.790	1.487	0.940	0.231	-0.527	-1.215
5311	53.10	-1.724	-1.975	-1.932	-1.610	-1.073	-0.423	0.222	0.763	1.138	1.344
5321	53.20	1.426	1.455	1.501	1.602	1.757	1.936	2.093	2.196	2.235	2.222
5331	53.30	2.182	2.133	2.084	2.027	1.955	1.866	1.771	1.686	1.624	1.585
5341	53.40	1.551	1.497	1.406	1.273	1.116	0.961	0.831	0.733	0.648	0.546
5351	53.50	0.398	0.195	-0.050	-0.302	-0.522	-0.684	-0.783	-0.839	-0.879	-0.929
5361	53.60	-0.998	-1.078	-1.149	-1.190	-1.187	-1.137	-1.047	-0.926	-0.782	-0.623
5371	53.70	-0.458	-0.300	-0.165	-0.071	-0.032	-0.053	-0.132	-0.263	-0.436	-0.646
5381	53.80	-0.885	-1.140	-1.393	-1.620	-1.799	-1.920	-1.993	-2.042	-2.101	-2.190
5391	53.90	-2.306	-2.416	-2.465	-2.395	-2.169	-1.789	-1.296	-0.764	-0.275	0.101
5401	54.00	0.321	0.375	0.282	0.080	-0.178	-0.439	-0.645	-0.746	-0.711	-0.529
5411	54.10	-0.224	0.155	0.541	0.874	1.118	1.269	1.350	1.398	1.437	1.466
5421	54.20	1.452	1.344	1.100	0.705	0.188	-0.385	-0.924	-1.343	-1.582	-1.620
5431	54.30	-1.474	-1.190	-0.824	-0.431	-0.054	0.279	0.558	0.789	0.990	1.180
5441	54.40	1.376	1.579	1.768	1.903	1.937	1.834	1.591	1.242	0.854	0.506
5451	54.50	0.259	0.134	0.101	0.099	0.060	-0.060	-0.256	-0.482	-0.669	-0.761
5461	54.60	-0.744	-0.652	-0.556	-0.529	-0.617	-0.810	-1.052	-1.256	-1.343	-1.266
5471	54.70	-1.030	-0.677	-0.274	0.118	0.455	0.715	0.889	0.975	0.968	0.869
5481	54.80	0.690	0.466	0.250	0.101	0.068	0.172	0.399	0.704	1.036	1.352
5491	54.90	1.633	1.884	2.117	2.343	2.553	2.716	2.794	2.754	2.582	2.291

Table 7－16－12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 2024 503-GR-1-90 HA. (HA.) KANNONZAKI MAX. ACC. = -232.076 (GAL) T= 10.85 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.915	1.496	1.068	0.657	0.273	-0.075	-0.374	-0.601	-0.726	-0.724
5511	55.10	-0.584	-0.325	0.002	0.322	0.552	0.617	0.474	0.126	-0.378	-0.950
5521	55.20	-1.483	-1.881	-2.084	-2.079	-1.909	-1.648	-1.386	-1.196	-1.119	-1.162
5531	55.30	-1.304	-1.516	-1.775	-2.066	-2.372	-2.677	-2.938	-3.098	-3.096	-2.893
5541	55.40	-2.492	-1.946	-1.351	-0.820	-0.455	-0.315	-0.405	-0.675	-1.036	-1.380
5551	55.50	-1.604	-1.622	-1.387	-0.894	-0.188	0.637	1.460	2.153	2.615	2.804
5561	55.60	2.741	2.508	2.212	1.949	1.769	1.668	1.599	1.503	1.345	1.128
5571	55.70	0.895	0.697	0.568	0.501	0.451	0.364	0.206	-0.007	-0.211	-0.319
5581	55.80	-0.262	-0.028	0.322	0.673	0.899	0.912	0.698	0.318	-0.118	-0.500
5591	55.90	-0.761	-0.899	-0.964	-1.031	-1.154	-1.342	-1.557	-1.735	-1.813	-1.762
5601	56.00	-1.588	-1.332	-1.037	-0.735	-0.438	-0.145	0.138	0.381	0.535	0.546
5611	56.10	0.385	0.068	-0.332	-0.704	-0.936	-0.953	-0.748	-0.381	0.044	0.416
5621	56.20	0.655	0.737	0.686	0.555	0.400	0.253	0.120	-0.015	-0.170	-0.348
5631	56.30	-0.536	-0.704	-0.817	-0.847	-0.778	-0.611	-0.358	-0.044	0.294	0.612
5641	56.40	0.863	1.009	1.037	0.968	0.847	0.734	0.674	0.678	0.715	0.731
5651	56.50	0.675	0.531	0.331	0.142	0.031	0.024	0.090	0.148	0.108	-0.074
5661	56.60	-0.360	-0.630	-0.727	-0.528	-0.011	0.723	1.473	2.014	2.186	1.954
5671	56.70	1.424	0.794	0.277	0.021	0.062	0.334	0.712	1.075	1.350	1.525
5681	56.80	1.630	1.696	1.733	1.718	1.618	1.411	1.109	0.752	0.396	0.077
5691	56.90	-0.192	-0.427	-0.647	-0.852	-1.013	-1.079	-1.006	-0.785	-0.458	-0.105
5701	57.00	0.180	0.327	0.313	0.162	-0.072	-0.338	-0.609	-0.883	-1.173	-1.477
5711	57.10	-1.766	-1.981	-2.060	-1.964	-1.699	-1.321	-0.916	-0.567	-0.328	-0.205
5721	57.20	-0.166	-0.158	-0.141	-0.100	-0.048	-0.015	-0.031	-0.108	-0.238	-0.399
5731	57.30	-0.563	-0.704	-0.806	-0.860	-0.863	-0.816	-0.726	-0.608	-0.484	-0.378
5741	57.40	-0.305	-0.267	-0.248	-0.220	-0.154	-0.035	0.132	0.324	0.510	0.665
5751	57.50	0.779	0.857	0.911	0.947	0.958	0.922	0.807	0.595	0.289	-0.080
5761	57.60	-0.456	-0.779	-1.000	-1.094	-1.088	-0.951	-0.779	-0.585	-0.385	-0.186
5771	57.70	0.009	0.190	0.336	0.413	0.395	0.273	0.070	-0.162	-0.350	-0.429
5781	57.80	-0.359	-0.141	0.181	0.537	0.859	1.099	1.250	1.339	1.409	1.499
5791	57.90	1.621	1.758	1.872	1.920	1.877	1.746	1.555	1.345	1.152	0.992
5801	58.00	0.862	0.747	0.628	0.499	0.368	0.254	0.171	0.126	0.112	0.114
5811	58.10	0.117	0.117	0.120	0.142	0.197	0.286	0.398	0.508	0.589	0.621
5821	58.20	0.599	0.528	0.424	0.301	0.167	0.026	-0.124	-0.283	-0.448	-0.612
5831	58.30	-0.766	-0.907	-1.033	-1.146	-1.243	-1.317	-1.354	-1.336	-1.252	-1.103
5841	58.40	-0.906	-0.690	-0.489	-0.329	-0.220	-0.156	-0.118	-0.087	-0.055	-0.031
5851	58.50	-0.037	-0.099	-0.230	-0.420	-0.638	-0.835	-0.969	-1.022	-1.010	-0.981
5861	58.60	-0.998	-1.112	-1.336	-1.636	-1.935	-2.138	-2.167	-1.985	-1.613	-1.121
5871	58.70	-0.600	-0.137	0.215	0.444	0.574	0.642	0.681	0.705	0.711	0.688
5881	58.80	0.631	0.548	0.463	0.405	0.394	0.434	0.511	0.598	0.669	0.706
5891	58.90	0.703	0.666	0.605	0.529	0.445	0.356	0.268	0.184	0.110	0.045
5901	59.00	-0.017	-0.089	-0.184	-0.309	-0.459	-0.618	-0.761	-0.865	-0.913	-0.900
5911	59.10	-0.831	-0.713	-0.559	-0.380	-0.190	-0.009	0.137	0.226	0.247	0.212
5921	59.20	0.152	0.116	0.147	0.269	0.471	0.709	0.921	1.050	1.061	0.958
5931	59.30	0.775	0.564	0.369	0.216	0.107	0.024	-0.053	-0.142	-0.244	-0.353
5941	59.40	-0.458	-0.552	-0.634	-0.705	-0.763	-0.802	-0.813	-0.785	-0.717	-0.619
5951	59.50	-0.510	-0.409	-0.330	-0.275	-0.235	-0.196	-0.149	-0.099	-0.060	-0.052
5961	59.60	-0.089	-0.173	-0.293	-0.426	-0.551	-0.652	-0.728	-0.788	-0.844	-0.904
5971	59.70	-0.965	-1.010	-1.020	-0.976	-0.869	-0.705	-0.503	-0.291	-0.096	0.062
5981	59.80	0.176	0.253	0.307	0.360	0.426	0.510	0.602	0.682	0.730	0.727
5991	59.90	0.674	0.581	0.475	0.381	0.317	0.288	0.282	0.279	0.263	0.224

Table 7－16－13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 2024 503-GR-1-90 HA. (HA.) KANNONZAKI MAX. ACC. = -232.076 (GAL) T= 10.85 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.165	0.096	0.030	-0.026	-0.068	-0.095	-0.103	-0.077	0.003	0.154
6011	60.10	0.382	0.670	0.983	1.275	1.507	1.660	1.745	1.793	1.840	1.912
6021	60.20	2.012	2.115	2.188	2.201	2.142	2.024	1.878	1.737	1.624	1.545
6031	60.30	1.488	1.434	1.371	1.292	1.203	1.111	1.022	0.934	0.843	0.743
6041	60.40	0.639	0.560	0.456	0.393	0.345	0.296	0.226	0.128	0.005	-0.120
6051	60.50	-0.222	-0.281	-0.296	-0.286	-0.282	-0.317	-0.406	-0.545	-0.710	-0.869
6061	60.60	-0.994	-1.073	-1.107	-1.109	-1.096	-1.083	-1.078	-1.089	-1.118	-1.167
6071	60.70	-1.236	-1.317	-1.394	-1.454	-1.484	-1.481	-1.453	-1.409	-1.353	-1.279
6081	60.80	-1.170	-1.012	-0.804	-0.569	-0.347	-0.181	-0.094	-0.069	-0.055	0.017
6091	60.90	0.196	0.478	0.799	1.048	1.112	0.926	0.510	-0.033	-0.549	-0.895

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

INDEX NO. 2025 503-GR-1-90 U-D (U-D) KANNONZAKI MAX. ACC. = 45.495 (GAL) T= 10.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	6.531	6.157	2.742	-2.439	-7.115	-9.024	-7.009	-1.655	4.843	9.593
11	0.10	10.299	6.356	-0.789	-8.153	-12.483	-11.651	-5.604	3.558	12.424	17.658
21	0.20	17.337	11.689	2.930	-5.686	-11.182	-11.985	-8.414	-2.395	3.439	6.825
31	0.30	6.702	3.465	-1.368	-5.893	-8.594	-8.854	-7.015	-4.047	-1.033	1.296
41	0.40	2.745	3.554	4.080	4.492	4.621	4.057	2.439	-0.249	-3.517	-6.476
51	0.50	-8.153	-7.904	-5.711	-2.225	1.468	4.268	5.664	4.959	3.230	1.053
61	0.60	-0.842	-2.031	-2.456	-2.302	-1.787	-1.011	0.038	1.352	2.731	3.730
71	0.70	3.791	2.528	0.025	-3.043	-5.576	-6.480	-5.177	-1.968	1.982	5.047
81	0.80	5.803	3.661	-0.824	-6.112	-10.259	-11.680	-9.759	-5.070	0.886	6.273
91	0.90	9.601	10.196	8.317	4.925	1.242	-1.670	-3.174	-3.105	-1.671	0.699
101	1.00	3.460	6.002	7.697	7.994	6.582	3.559	-0.480	-4.548	-7.554	-8.685
111	1.10	-7.733	-5.190	-2.062	0.547	1.886	1.851	0.974	0.122	0.050	1.019
121	1.20	2.677	4.248	4.929	4.309	2.576	0.438	-1.225	-1.789	-1.177	0.116
131	1.30	1.292	1.655	0.958	-0.469	-1.995	-2.853	-2.708	-1.729	-0.506	0.277
141	1.40	0.216	-0.588	-1.578	-2.036	-1.479	0.056	1.993	3.483	3.822	2.819
151	1.50	0.911	-1.041	-2.173	-2.054	-0.907	0.494	1.227	0.709	-0.969	-3.047
161	1.60	-4.445	-4.303	-2.445	0.476	3.232	4.572	3.619	1.222	-2.116	-4.704
171	1.70	-5.330	-3.605	-0.158	3.636	6.250	6.653	4.736	1.311	-2.273	-4.728
181	1.80	-5.349	-4.244	-2.176	-0.142	1.101	1.343	0.926	0.470	0.502	1.161
191	1.90	2.145	2.899	2.941	2.136	0.789	-0.504	-1.157	-0.892	0.125	1.369
201	2.00	2.225	2.292	1.573	0.451	-0.529	-0.960	-0.784	-0.320	-0.072	-0.442
211	2.10	-1.479	-2.811	-3.807	-3.887	-2.830	-0.917	1.157	2.594	2.850	1.889
221	2.20	0.197	-1.448	-2.337	-2.153	-1.094	0.256	1.238	1.447	0.922	0.095
231	2.30	-0.459	-0.349	0.414	1.418	2.069	1.920	0.933	-0.468	-1.589	-1.818
241	2.40	-0.950	0.669	2.274	3.037	2.461	0.651	-1.701	-3.610	-4.229	-3.235
251	2.50	-0.980	1.656	3.646	4.255	3.335	1.360	-0.812	-2.322	-2.673	-1.910
261	2.60	-0.547	0.690	1.199	0.746	-0.469	-1.928	-3.046	-3.399	-2.879	-1.688
271	2.70	-0.221	1.103	1.986	2.319	2.168	1.706	1.131	0.608	0.250	0.118
281	2.80	0.230	0.568	1.065	1.608	2.043	2.209	1.978	1.302	0.232	-1.079
291	2.90	-2.410	-3.519	-4.196	-4.308	-3.825	-2.824	-1.473	0.003	1.370	2.433
301	3.00	3.071	3.258	3.047	2.544	1.864	1.107	0.343	-0.375	-0.990	-1.432
311	3.10	-1.621	-1.505	-1.095	-0.490	0.130	0.554	0.614	0.252	-0.451	-1.294
321	3.20	-2.030	-2.447	-2.442	-2.042	-1.369	-0.583	0.186	0.873	1.467	1.982
331	3.30	2.405	2.689	2.760	2.568	2.127	1.525	0.902	0.386	0.034	-0.195
341	3.40	-0.416	-0.753	-1.252	-1.838	-2.319	-2.466	-2.116	-1.274	-0.142	0.932
351	3.50	1.575	1.540	0.812	-0.364	-1.559	-2.317	-2.317	-1.504	-0.117	1.395
361	3.60	2.524	2.885	2.350	1.084	-0.512	-1.947	-2.804	-2.873	-2.204	-1.066
371	3.70	0.160	1.120	1.589	1.529	1.056	0.377	-0.300	-0.834	-1.165	-1.303
381	3.80	-1.283	-1.132	-0.859	-0.471	-0.000	0.463	0.874	1.073	1.022	0.741
391	3.90	0.322	-0.099	-0.396	-0.495	-0.392	-0.141	0.176	0.491	0.756	0.940
401	4.00	1.006	0.902	0.576	0.009	-0.738	-1.509	-2.079	-2.225	-1.821	-0.907
411	4.10	0.296	1.448	2.206	2.348	1.857	0.918	-0.158	-1.058	-1.582	-1.699
421	4.20	-1.529	-1.261	-1.054	-0.961	-0.921	-0.808	-0.505	0.023	0.705	1.393
431	4.30	1.920	2.175	2.140	1.884	1.528	1.188	0.928	0.753	0.616	0.459
441	4.40	0.246	-0.025	-0.318	-0.588	-0.799	-0.943	-1.045	-1.144	-1.280	-1.466
451	4.50	-1.676	-1.844	-1.876	-1.683	-1.209	-0.467	0.446	1.362	2.078	2.416
461	4.60	2.288	1.735	0.925	0.116	-0.433	-0.541	-0.176	0.533	1.333	1.936
471	4.70	2.109	1.759	0.956	-0.084	-1.071	-1.733	-1.895	-1.524	-0.736	0.248
481	4.80	1.161	1.764	1.910	1.576	0.864	-0.026	-0.851	-1.384	-1.482	-1.120
491	4.90	-0.401	0.467	1.229	1.654	1.603	1.076	0.218	-0.720	-1.444	-1.711

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

INDEX NO. 2025 503-GR-1-90 U-D (U-D) KANNONZAKI MAX. ACC. = 45.495 (GAL) T= 10.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.400	-0.555	0.621	1.821	2.725	3.091	2.829	2.022	0.893	-0.272
511	5.10	-1.219	-1.801	-2.013	-1.969	-1.861	-1.779	-1.847	-2.010	-2.156	-2.160
521	5.20	-1.947	-1.528	-0.995	-0.476	-0.072	0.194	0.387	0.622	1.003	1.550
531	5.30	2.165	2.650	2.770	2.357	1.382	-0.002	-1.494	-2.734	-3.621	-3.414
541	5.40	-2.776	-1.749	-0.664	0.178	0.601	0.605	0.337	0.020	-0.151	-0.083
551	5.50	0.198	0.578	0.932	1.186	1.358	1.529	1.786	2.144	2.511	2.702
561	5.60	2.519	1.842	0.709	-0.670	-1.981	-2.917	-3.302	-3.158	-2.686	-2.171
571	5.70	-1.849	-1.792	-1.878	-1.854	-1.473	-0.628	0.558	1.761	2.579	2.705
581	5.80	2.083	0.957	-0.194	-0.839	-0.604	0.564	2.355	4.193	5.439	5.622
591	5.90	4.612	2.670	0.351	-1.685	-2.907	-3.074	-2.304	-0.999	0.319	1.201
601	6.00	1.425	1.056	0.388	-0.184	-0.338	0.042	0.823	1.672	2.191	2.078
611	6.10	1.260	-0.063	-1.483	-2.531	-2.862	-2.400	-1.384	-0.291	0.352	0.179
621	6.20	-0.839	-2.350	-3.736	-4.343	-3.761	-2.022	0.362	2.553	3.698	3.265
631	6.30	1.287	-1.609	-4.403	-6.058	-5.916	-3.971	-0.888	2.237	4.291	4.565
641	6.40	3.019	0.284	-2.598	-4.580	-5.001	-3.804	-1.501	1.075	3.117	4.138
651	6.50	4.091	3.293	2.212	1.239	0.541	0.073	-0.304	-0.670	-0.962	-1.008
661	6.60	-0.651	0.103	1.019	1.700	1.770	1.083	-0.159	-1.452	-2.197	-1.995
671	6.70	-0.865	0.712	1.974	2.220	1.155	-0.926	-3.207	-4.674	-4.553	-2.672
681	6.80	0.418	3.628	5.763	6.015	4.302	1.320	-1.742	-3.679	-3.765	-2.035
691	6.90	0.757	3.468	5.060	5.024	3.564	1.461	-0.301	-0.990	-0.445	0.879
701	7.00	2.150	2.566	1.747	-0.086	-2.215	-3.762	-4.110	-3.188	-1.501	0.121
711	7.10	0.922	0.586	-0.625	-2.020	-2.850	-2.691	-1.673	-0.394	0.417	0.331
721	7.20	-0.500	-1.374	-1.400	-0.016	2.587	5.410	7.014	6.198	2.668	-2.634
731	7.30	-7.761	-10.506	-9.363	-4.279	3.163	10.272	14.289	13.519	8.059	-0.195
741	7.40	-8.291	-13.394	-13.889	-9.959	-3.398	3.213	7.603	8.675	6.797	3.438
751	7.50	0.369	-1.176	-0.984	0.189	1.133	0.869	-0.839	-3.393	-5.698	-6.734
761	7.60	-6.052	-3.973	-1.377	0.748	1.788	1.746	1.142	0.651	0.679	1.127
771	7.70	1.451	1.015	-0.487	-2.747	-4.884	-5.816	-4.782	-1.774	2.344	6.120
781	7.80	8.085	7.368	4.074	-0.724	-5.402	-8.411	-8.858	-6.796	-3.138	0.760
791	7.90	3.632	4.733	4.020	2.039	-0.372	-2.419	-3.579	-3.675	-2.818	-1.296
801	8.00	0.513	2.191	3.312	3.523	2.663	0.901	-1.217	-2.870	-3.245	-1.894
811	8.10	0.987	4.526	7.444	8.562	7.332	4.140	0.213	-2.866	-3.841	-2.361
821	8.20	0.820	4.155	5.976	5.253	2.084	-2.328	-6.199	-7.963	-6.977	-3.816
831	8.30	-0.006	2.662	2.948	0.721	-2.973	-6.354	-7.669	-5.932	-1.327	4.861
841	8.40	10.749	14.556	15.222	12.719	7.978	2.490	-2.223	-5.094	-5.774	-4.642
851	8.50	-2.580	-0.620	0.418	0.182	-1.132	-2.895	-4.314	-4.763	-4.043	-2.484
861	8.60	-0.821	0.107	-0.281	-2.026	-4.561	-6.897	-7.988	-7.120	-4.184	0.288
871	8.70	5.324	9.828	12.908	14.070	13.262	10.798	7.237	3.274	-0.350	-2.946
881	8.80	-4.022	-3.462	-1.650	0.559	2.073	1.978	-0.044	-3.487	-7.144	-9.577
891	8.90	-9.752	-7.553	-3.889	-0.319	1.672	1.406	-0.604	-2.857	-3.562	-1.541
901	9.00	3.119	8.983	13.832	15.605	13.308	7.440	-0.234	-7.444	-12.339	-14.149
911	9.10	-13.290	-10.949	-8.395	-6.396	-5.019	-3.843	-2.411	-0.604	1.271	2.729
921	9.20	3.489	3.738	4.071	5.117	7.057	9.349	10.857	10.380	7.326	2.193
931	9.30	-3.461	-7.570	-8.422	-5.432	0.547	7.531	13.183	15.713	14.490	10.129
941	9.40	4.069	-2.107	-7.270	-10.998	-13.445	-14.966	-15.768	-15.767	-14.728	-12.540
951	9.50	-9.440	-6.026	-3.031	-0.983	0.067	0.588	1.357	3.093	6.107	10.122
961	9.60	14.322	17.597	18.860	17.353	12.853	5.776	-2.835	-11.444	-18.309	-21.909
971	9.70	-21.422	-17.101	-10.331	-3.272	1.884	3.784	2.535	-0.234	-2.002	-0.451
981	9.80	5.416	14.666	24.532	31.597	32.963	27.515	16.345	2.301	-11.145	-21.168
991	9.90	-26.460	-27.350	-25.256	-21.819	-18.195	-14.834	-11.739	-8.921	-6.702	-5.607

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

INDEX NO. 2025 503-GR-1-90 U-D (U-D) KANNONZAKI MAX. ACC. = 45.495 (GAL) T= 10.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-5.917	-7.207	-8.219	-7.292	-3.194	4.062	12.896	20.618	24.540	23.234
1011	10.10	17.315	9.308	2.598	-0.077	2.141	7.850	14.074	17.676	16.797	11.643
1021	10.20	4.243	-2.661	-7.001	-8.349	-7.987	-8.082	-10.410	-15.310	-21.390	-26.122
1031	10.30	-27.030	-22.868	-14.226	-3.301	7.016	14.308	17.496	17.071	14.649	12.134
1041	10.40	10.885	11.233	12.503	13.444	12.833	10.003	5.115	-0.885	-6.562	-10.462
1051	10.50	-11.465	-9.347	-4.703	1.108	6.410	9.797	10.656	9.397	7.250	5.673
1061	10.60	5.615	6.989	8.644	8.909	6.460	1.094	-6.024	-12.824	-17.307	-18.555
1071	10.70	-17.209	-15.112	-14.231	-15.400	-17.579	-18.122	-14.037	-3.695	11.869	28.798
1081	10.80	41.640	45.495	38.169	21.313	-0.018	-19.260	-30.871	-32.405	-25.239	-13.684
1091	10.90	-2.972	2.949	2.826	-1.797	-7.687	-11.568	-11.495	-7.369	-0.509	7.306
1101	11.00	14.740	21.236	26.734	31.044	33.378	32.414	26.918	16.589	2.642	-12.282
1111	11.10	-24.928	-32.614	-34.264	-30.787	-24.626	-18.689	-15.150	-14.658	-16.262	-18.015
1121	11.20	-17.935	-14.863	-8.880	-1.172	6.510	12.499	15.720	15.891	13.452	9.334
1131	11.30	4.684	0.626	-1.947	-2.546	-1.208	1.480	4.532	6.872	7.733	6.957
1141	11.40	5.070	3.052	1.894	2.146	3.663	5.690	7.239	7.557	6.466	4.379
1151	11.50	2.023	0.023	-1.414	-2.547	-3.847	-5.621	-7.729	-9.582	-10.433	-9.809
1161	11.60	-7.823	-5.189	-2.885	-1.653	-1.586	-2.052	-2.007	-0.564	2.488	6.477
1171	11.70	10.089	11.966	11.246	8.143	3.699	-0.583	-3.404	-4.177	-3.186	-1.338
1181	11.80	0.336	1.158	1.043	0.407	-0.155	-0.231	0.207	0.861	1.335	1.414
1191	11.90	1.183	0.960	1.055	1.541	2.145	2.369	1.756	0.176	-2.038	-4.175
1201	12.00	-5.436	-5.288	-3.705	-1.203	1.366	3.156	3.653	2.849	1.205	-0.574
1211	12.10	-1.835	-2.228	-1.810	-0.982	-0.293	-0.204	-0.901	-2.227	-3.752	-4.947
1221	12.20	-5.400	-4.974	-3.862	-2.500	-1.369	-0.776	-0.698	-0.774	-0.453	0.753
1231	12.30	3.012	6.050	9.202	11.642	12.688	12.048	9.901	6.788	3.366	0.154
1241	12.40	-2.607	-4.935	-6.947	-8.676	-9.961	-10.485	-9.930	-8.161	-5.343	-1.921
1251	12.50	1.524	4.454	6.523	7.600	7.719	6.987	5.541	3.563	1.343	-0.708
1261	12.60	-2.127	-2.577	-2.030	-0.861	0.250	0.584	-0.284	-2.249	-4.688	-6.729
1271	12.70	-7.670	-7.340	-6.203	-5.133	-4.951	-5.952	-7.668	-9.016	-8.778	-6.205
1281	12.80	-1.640	4.439	9.811	13.160	13.692	11.638	8.123	4.661	2.531	2.298
1291	12.90	3.672	5.746	7.445	7.978	7.108	5.139	2.701	0.451	-1.151	-1.930
1301	13.00	-1.948	-1.400	-0.529	0.424	1.215	1.620	1.479	0.764	-0.385	-1.683
1311	13.10	-2.810	-3.546	-3.862	-3.899	-3.852	-3.800	-3.612	-2.985	-1.628	0.499
1321	13.20	3.036	5.261	6.356	5.781	3.589	0.495	-2.351	-3.840	-3.392	-1.259
1331	13.30	1.549	3.672	4.004	2.194	-1.163	-4.753	-7.086	-7.133	-4.756	-0.773
1341	13.40	3.389	6.274	6.977	5.470	2.560	-0.478	-2.435	-2.622	-1.093	1.441
1351	13.50	3.936	5.429	5.368	3.763	1.106	-1.854	-4.393	-6.039	-6.670	-6.476
1361	13.60	-5.816	-5.035	-4.324	-3.660	-2.853	-1.683	-0.061	1.856	3.654	4.774
1371	13.70	4.732	3.351	0.908	-1.886	-4.094	-4.883	-3.860	-1.251	2.147	5.257
1381	13.80	7.131	7.322	6.043	4.049	2.288	1.477	1.780	2.761	3.591	3.449
1391	13.90	1.903	-0.891	-4.257	-7.296	-9.268	-9.880	-9.355	-8.272	-7.271	-6.769
1401	14.00	-6.819	-7.154	-7.377	-7.172	-6.430	-5.250	-3.818	-2.282	-0.682	1.015
1411	14.10	2.800	4.521	5.862	6.446	6.009	4.555	2.414	0.145	-1.675	-2.668
1421	14.20	-2.793	-2.323	-1.684	-1.232	-1.089	-1.108	-0.980	-0.417	0.682	2.172
1431	14.30	3.729	5.010	5.805	6.106	6.068	5.871	5.595	5.153	4.346	2.998
1441	14.40	1.105	-1.096	-3.180	-4.702	-5.393	-5.291	-4.730	-4.168	-3.948	-4.079
1451	14.50	-4.171	-3.567	-1.634	1.899	6.708	11.862	16.073	18.123	17.302	13.703
1461	14.60	8.218	2.246	-2.801	-5.985	-7.143	-6.873	-6.214	-6.158	-7.198	-9.105
1471	14.70	-11.027	-11.874	-10.809	-7.654	-3.018	1.901	5.750	7.530	6.958	4.541
1481	14.80	1.363	-1.343	-2.646	-2.212	-0.370	2.086	4.227	5.338	5.136	3.822
1491	14.90	1.945	0.176	-0.930	-1.102	-0.403	0.832	2.133	3.059	3.334	2.914

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

INDEX NO. 2025 503-GR-1-90 U-D (U-D) KANNONZAKI MAX. ACC. = 45.495 (GAL) T= 10.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.979	0.841	-0.172	-0.836	-1.101	-1.081	-0.979	-0.978	-1.151	-1.427
1511	15.10	-1.643	-1.638	-1.359	-0.910	-0.510	-0.393	-0.678	-1.285	-1.953	-2.338
1521	15.20	-2.171	-1.389	-0.182	1.075	1.966	2.200	1.725	0.734	-0.420	-1.366
1531	15.30	-1.844	-1.777	-1.258	-0.487	0.329	1.037	1.571	1.939	2.188	2.366
1541	15.40	2.493	2.550	2.480	2.196	1.609	0.678	-0.543	-1.870	-2.990	-3.537
1551	15.50	-3.204	-1.888	0.229	2.674	4.807	6.020	5.946	4.593	2.348	-0.172
1561	15.60	-2.342	-3.746	-4.308	-4.264	-4.015	-3.930	-4.174	-4.648	-5.052	-5.035
1571	15.70	-4.369	-3.062	-1.371	0.285	1.465	1.859	1.380	0.195	-1.330	-2.726
1581	15.80	-3.544	-3.470	-2.401	-0.480	1.929	4.327	6.206	7.191	7.149	6.231
1591	15.90	4.822	3.413	2.423	2.059	2.243	2.654	2.867	2.526	1.499	-0.066
1601	16.00	-1.789	-3.207	-3.944	-3.857	-3.077	-1.957	-0.924	-0.327	-0.310	-0.784
1611	16.10	-1.483	-2.085	-2.349	-2.200	-1.749	-1.221	-0.854	-0.792	-1.017	-1.369
1621	16.20	-1.611	-1.533	-1.042	-0.203	0.788	1.677	2.244	2.379	2.103	1.546
1631	16.30	0.892	0.306	-0.099	-0.283	-0.256	-0.059	0.259	0.635	0.988	1.212
1641	16.40	1.200	0.875	0.241	-0.591	-1.418	-1.998	-2.137	-1.774	-1.012	-0.099
1651	16.50	0.657	1.007	0.850	0.278	-0.464	-1.063	-1.261	-0.940	-0.158	0.880
1661	16.60	1.904	2.667	3.017	2.924	2.466	1.783	1.026	0.316	-0.277	-0.740
1671	16.70	-1.108	-1.444	-1.820	-2.286	-2.833	-3.381	-3.769	-3.798	-3.289	-2.162
1681	16.80	-0.496	1.458	3.335	4.758	5.459	5.379	4.684	3.701	2.790	2.203
1691	16.90	1.983	1.961	1.843	1.351	0.363	-1.018	-2.492	-3.687	-4.314	-4.297
1701	17.00	-3.798	-3.148	-2.691	-2.619	-2.875	-3.167	-3.097	-2.352	-0.881	1.040
1711	17.10	2.866	3.977	3.920	2.615	0.431	-1.901	-3.524	-3.750	-2.325	0.461
1721	17.20	3.837	6.800	8.441	8.258	6.320	3.243	-0.028	-2.547	-3.682	-3.313
1731	17.30	-1.831	0.043	1.547	2.164	1.780	0.680	-0.624	-1.634	-2.076	-1.989
1741	17.40	-1.654	-1.426	-1.532	-1.952	-2.436	-2.632	-2.285	-1.379	-0.177	0.886
1751	17.50	1.392	1.128	0.191	-1.046	-2.085	-2.501	-2.110	-1.022	0.416	1.769
1761	17.60	2.668	2.917	2.511	1.586	0.340	-1.042	-2.405	-3.620	-4.562	-5.102
1771	17.70	-5.132	-4.613	-3.603	-2.259	-0.797	0.574	1.703	2.524	3.034	3.253
1781	17.80	3.200	2.885	2.345	1.676	1.048	0.652	0.623	0.946	1.415	1.675
1791	17.90	1.352	0.221	-1.661	-3.927	-5.995	-7.262	-7.324	-6.122	-3.961	-1.394
1801	18.00	0.988	2.747	3.722	4.023	3.917	3.678	3.462	3.269	2.989	2.502
1811	18.10	1.772	0.882	0.002	-0.694	-1.107	-1.253	-1.243	-1.204	-1.210	-1.234
1821	18.20	-1.165	-0.872	-0.285	0.551	1.473	2.261	2.721	2.759	2.413	1.824
1831	18.30	1.172	0.600	0.173	-0.127	-0.351	-0.536	-0.666	-0.678	-0.507	-0.136
1841	18.40	0.362	0.832	1.093	1.012	0.573	-0.104	-0.798	-1.273	-1.371	-1.073
1851	18.50	-0.498	0.152	0.684	0.986	1.063	1.006	0.926	0.881	0.847	0.737
1861	18.60	0.467	0.031	-0.465	-0.825	-0.847	-0.424	0.381	1.328	2.078	2.313
1871	18.70	1.862	0.769	-0.727	-2.283	-3.578	-4.416	-4.769	-4.740	-4.475	-4.082
1881	18.80	-3.579	-2.909	-2.007	-0.868	0.405	1.619	2.556	3.061	3.111	2.829
1891	18.90	2.438	2.176	2.207	2.569	3.172	3.842	4.394	4.696	4.700	4.443
1901	19.00	4.015	3.518	3.037	2.616	2.264	1.954	1.640	1.271	0.805	0.230
1911	19.10	-0.425	-1.085	-1.650	-2.018	-2.135	-2.021	-1.780	-1.569	-1.550	-1.822
1921	19.20	-2.380	-3.106	-3.806	-4.277	-4.376	-4.070	-3.447	-2.688	-2.008	-1.596
1931	19.30	-1.564	-1.927	-2.598	-3.416	-4.179	-4.683	-4.770	-4.365	-3.500	-2.314
1941	19.40	-1.025	0.131	0.969	1.411	1.499	1.366	1.164	0.990	0.836	0.606
1951	19.50	0.180	-0.490	-1.309	-2.027	-2.309	-1.867	-0.583	1.402	3.713	5.848
1961	19.60	7.343	7.920	7.566	6.511	5.118	3.744	2.626	1.835	1.307	0.915
1971	19.70	0.554	0.175	-0.214	-0.586	-0.927	-1.240	-1.521	-1.721	-1.733	-1.420
1981	19.80	-0.684	0.460	1.839	3.154	4.070	4.342	3.918	2.965	1.799	0.753
1991	19.90	0.038	-0.336	-0.551	-0.867	-1.485	-2.432	-3.529	-4.464	-4.930	-4.765

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

INDEX NO. 2025 S03-GR-1-90 U-D (U-D) KANNONZAKI MAX. ACC. = 45.495 (GAL) T= 10.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-4.027	-2.975	-1.964	-1.300	-1.125	-1.381	-1.852	-2.275	-2.446	-2.293
2011	20.10	-1.879	-1.349	-0.852	-0.482	-0.255	-0.131	-0.054	0.015	0.088	0.168
2021	20.20	0.273	0.457	0.791	1.326	2.056	2.888	3.657	4.177	4.303	3.996
2031	20.30	3.337	2.508	1.717	1.126	0.786	0.621	0.465	0.133	-0.489	-1.386
2041	20.40	-2.394	-3.249	-3.673	-3.480	-2.656	-1.384	-0.001	1.111	1.648	1.497
2051	20.50	0.778	-0.198	-1.040	-1.421	-1.206	-0.498	0.402	1.116	1.337	0.947
2061	20.60	0.059	-1.036	-1.991	-2.532	-2.556	-2.144	-1.501	-0.849	-0.338	0.010
2071	20.70	0.272	0.559	0.934	1.366	1.736	1.889	1.714	1.196	0.435	-0.392
2081	20.80	-1.092	-1.523	-1.627	-1.432	-1.024	-0.503	0.045	0.566	1.022	1.403
2091	20.90	1.703	1.924	2.084	2.214	2.348	2.505	2.676	2.813	2.842	2.683
2101	21.00	2.275	1.602	0.701	-0.341	-1.396	-2.315	-2.950	-3.183	-2.964	-2.340
2111	21.10	-1.467	-0.588	0.025	0.165	-0.234	-1.049	-1.991	-2.699	-2.876	-2.407
2121	21.20	-1.416	-0.230	0.742	1.163	0.896	0.045	-1.098	-2.180	-2.923	-3.226
2131	21.30	-3.169	-2.954	-2.791	-2.811	-3.012	-3.283	-3.463	-3.412	-3.060	-2.421
2141	21.40	-1.575	-0.648	0.215	0.869	1.184	1.083	0.584	-0.176	-0.938	-1.387
2151	21.50	-1.254	-0.426	0.980	2.635	4.103	5.001	5.146	4.634	3.788	3.025
2161	21.60	2.676	2.851	3.411	4.047	4.440	4.401	3.953	3.298	2.694	2.326
2171	21.70	2.206	2.184	2.033	1.579	0.800	-0.149	-1.004	-1.507	-1.522	-1.086
2181	21.80	-0.382	0.349	0.903	1.187	1.221	1.091	0.883	0.634	0.327	-0.078
2191	21.90	-0.604	-1.225	-1.879	-2.501	-3.060	-3.571	-4.065	-4.540	-4.915	-5.029
2201	22.00	-6.692	-3.779	-2.319	-0.531	1.217	2.528	3.125	2.960	2.246	1.377
2211	22.10	0.769	0.698	1.191	2.022	2.821	3.233	3.069	2.381	1.428	0.555
2221	22.20	0.042	-0.005	0.319	0.777	1.112	1.158	0.901	0.459	-0.001	-0.352
2231	22.30	-0.572	-0.736	-0.961	-1.320	-1.784	-2.222	-2.459	-2.356	-1.890	-1.172
2241	22.40	-0.409	0.179	0.439	0.337	-0.050	-0.578	-1.108	-1.543	-1.842	-1.998
2251	22.50	-1.998	-1.817	-1.429	-0.848	-0.156	0.489	0.903	0.947	0.602	-0.004
2261	22.60	-0.629	-1.009	-0.962	-0.475	0.290	1.055	1.543	1.587	1.194	0.540
2271	22.70	-0.115	-0.525	-0.557	-0.223	0.338	0.931	1.384	1.602	1.581	1.393
2281	22.80	1.134	0.883	0.679	0.510	0.329	0.074	-0.304	-0.822	-1.447	-2.092
2291	22.90	-2.628	-2.918	-2.863	-2.458	-1.811	-1.130	-0.665	-0.609	-1.015	-1.749
2301	23.00	-2.515	-2.952	-2.767	-1.852	-0.338	1.435	3.036	4.087	4.394	3.997
2311	23.10	3.137	2.148	1.334	0.859	0.720	0.779	0.852	0.801	0.592	0.300
2321	23.20	0.064	0.010	0.193	0.564	0.995	1.323	1.422	1.252	0.867	0.399
2331	23.30	-0.001	-0.218	-0.212	-0.031	0.215	0.399	0.422	0.243	-0.118	-0.598
2341	23.40	-1.123	-1.637	-2.103	-2.495	-2.780	-2.905	-2.810	-2.460	-1.883	-1.193
2351	23.50	-0.580	-0.247	-0.340	-0.872	-1.694	-2.532	-3.074	-3.083	-2.486	-1.403
2361	23.60	-0.101	1.108	1.979	2.421	2.503	2.404	2.320	2.371	2.560	2.779
2371	23.70	2.880	2.747	2.356	1.783	1.176	0.685	0.405	0.339	0.406	0.473
2381	23.80	0.405	0.119	-0.399	-1.083	-1.809	-2.429	-2.807	-2.855	-2.558	-1.976
2391	23.90	-1.232	-0.470	0.184	0.660	0.967	1.169	1.352	1.574	1.830	2.047
2401	24.00	2.126	1.985	1.616	1.097	0.577	0.209	0.095	0.239	0.551	0.881
2411	24.10	1.088	1.093	0.898	0.575	0.217	-0.103	-0.362	-0.575	-0.769	-0.945
2421	24.20	-1.071	-1.089	-0.953	-0.668	-0.299	0.041	0.240	0.235	0.049	-0.218
2431	24.30	-0.424	-0.444	-0.218	0.227	0.796	1.362	1.817	2.099	2.197	2.133
2441	24.40	1.931	1.604	1.149	0.570	-0.106	-0.614	-1.467	-1.980	-2.308	-2.465
2451	24.50	-2.522	-2.576	-2.700	-2.908	-3.135	-3.257	-3.136	-2.680	-1.885	-0.851
2461	24.60	0.246	1.207	1.873	2.169	2.117	1.818	1.397	0.959	0.552	0.166
2471	24.70	-0.250	-0.740	-1.315	-1.936	-2.525	-2.997	-3.292	-3.393	-3.323	-3.128
2481	24.80	-2.840	-2.466	-1.987	-1.378	-0.641	0.177	0.982	1.664	2.134	2.366
2491	24.90	2.410	2.375	2.379	2.507	2.764	3.079	3.333	3.415	3.271	2.930

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

INDEX NO. 2025 S03-GR-1-90 U-D (U-D) KANNONZAKI MAX. ACC. = 45.495 (GAL) T= 10.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.492	2.083	1.799	1.671	1.651	1.641	1.544	1.308	0.953	0.563
2511	25.10	0.242	0.069	0.065	0.179	0.321	0.393	0.335	0.143	-0.139	-0.440
2521	25.20	-0.702	-0.895	-1.023	-1.109	-1.175	-1.227	-1.252	-1.233	-1.159	-1.038
2531	25.30	-0.898	-0.770	-0.676	-0.625	-0.614	-0.646	-0.737	-0.919	-1.223	-1.652
2541	25.40	-2.161	-2.652	-2.997	-3.082	-2.846	-2.317	-1.596	-0.828	-0.144	0.386
2551	25.50	0.771	1.081	1.404	1.795	2.247	2.687	3.015	3.140	3.024	2.694
2561	25.60	2.227	1.723	1.271	0.930	0.724	0.652	0.697	0.827	0.993	1.125
2571	25.70	1.143	0.973	0.585	0.011	-0.650	-1.258	-1.678	-1.834	-1.733	-1.468
2581	25.80	-1.175	-0.980	-0.952	-1.082	-1.301	-1.516	-1.655	-1.691	-1.639	-1.531
2591	25.90	-1.391	-1.220	-1.002	-0.733	-0.442	-0.197	-0.082	-0.160	-0.428	-0.805
2601	26.00	-1.146	-1.293	-1.138	-0.669	0.026	0.789	1.448	1.882	2.053	2.007
2611	26.10	1.841	1.654	1.507	1.408	1.322	1.201	1.019	0.783	0.535	0.333
2621	26.20	0.227	0.239	0.357	0.539	0.731	0.874	0.925	0.861	0.681	0.408
2631	26.30	0.083	-0.243	-0.520	-0.719	-0.835	-0.897	-0.950	-1.042	-1.199	-1.407
2641	26.40	-1.616	-1.750	-1.740	-1.544	-1.173	-0.686	-0.171	0.280	0.604	0.783
2651	26.50	0.840	0.828	0.801	0.796	0.817	0.844	0.843	0.784	0.657	0.473
2661	26.60	0.261	0.050	-0.139	-0.300	-0.442	-0.578	-0.712	-0.832	-0.912	-0.917
2671	26.70	-0.821	-0.619	-0.334	-0.015	0.281	0.500	0.609	0.602	0.496	0.321
2681	26.80	0.105	-0.136	-0.398	-0.685	-0.995	-1.313	-1.599	-1.802	-1.864	-1.744
2691	26.90	-1.427	-0.935	-0.326	0.321	0.917	1.389	1.687	1.796	1.735	1.544
2701	27.00	1.278	0.989	0.715	0.479	0.285	0.126	-0.008	-0.122	-0.213	-0.270
2711	27.10	-0.276	-0.220	-0.102	0.062	0.242	0.402	0.511	0.558	0.554	0.535
2721	27.20	0.549	0.635	0.804	1.029	1.241	1.354	1.293	1.023	0.570	0.017
2731	27.30	-0.519	-0.932	-1.162	-1.222	-1.183	-1.150	-1.212	-1.404	-1.694	-2.001
2741	27.40	-2.233	-2.326	-2.275	-2.125	-1.944	-1.780	-1.635	-1.461	-1.192	-0.786
2751	27.50	-0.264	0.286	0.732	0.955	0.900	0.603	0.181	-0.215	-0.460	-0.501
2761	27.60	-0.370	-0.157	0.041	0.164	0.214	0.243	0.317	0.476	0.715	0.993
2771	27.70	1.258	1.490	1.713	1.982	2.353	2.842	3.396	3.907	4.250	4.330
2781	27.80	4.125	3.693	3.148	2.610	2.162	1.824	1.563	1.321	1.061	0.786
2791	27.90	0.538	0.374	0.331	0.395	0.505	0.566	0.498	0.259	-0.132	-0.604
2801	28.00	-1.065	-1.429	-1.650	-1.729	-1.706	-1.643	-1.597	-1.605	-1.676	-1.789
2811	28.10	-1.906	-1.981	-1.976	-1.871	-1.672	-1.410	-1.135	-0.898	-0.733	-0.650
2821	28.20	-0.623	-0.609	-0.560	-0.451	-0.291	-0.120	0.003	0.030	-0.058	-0.242
2831	28.30	-0.472	-0.686	-0.839	-0.917	-0.940	-0.950	-0.988	-1.080	-1.230	-1.418
2841	28.40	-1.620	-1.816	-1.991	-2.138	-2.240	-2.267	-2.180	-1.937	-1.516	-0.934
2851	28.50	-0.246	0.460	1.085	1.552	1.814	1.874	1.764	1.539	1.252	0.949
2861	28.60	0.663	0.426	0.273	0.238	0.348	0.604	0.976	1.396	1.775	2.025
2871	28.70	2.092	1.971	1.707	1.382	1.080	0.863	0.745	0.695	0.654	0.559
2881	28.80	0.376	0.108	-0.209	-0.517	-0.768	-0.937	-1.032	-1.090	-1.151	-1.242
2891	28.90	-1.362	-1.482	-1.549	-1.515	-1.346	-1.045	-0.646	-0.210	0.192	0.502
2901	29.00	0.682	0.724	0.648	0.490	0.297	0.111	-0.038	-0.130	-0.162	-0.140
2911	29.10	-0.074	0.019	0.126	0.234	0.333	0.412	0.463	0.470	0.415	0.275
2921	29.20	0.030	-0.329	-0.792	-1.321	-1.852	-2.303	-2.595	-2.674	-2.530	-2.205
2931	29.30	-1.785	-1.370	-1.046	-0.855	-0.783	-0.769	-0.730	-0.597	-0.341	0.020
2941	29.40	0.432	0.834	1.189	1.496	1.788	2.111	2.487	2.898	3.282	3.550
2951	29.50	3.628	3.481	3.139	2.682	2.216	1.830	1.570	1.428	1.350	1.269
2961	29.60	1.131	0.917	0.644	0.352	0.085	-0.127	-0.280	-0.385	-0.464	-0.536
2971	29.70	-0.613	-0.702	-0.801	-0.911	-1.028	-1.144	-1.246	-1.315	-1.333	-1.287
2981	29.80	-1.179	-1.025	-0.849	-0.677	-0.528	-0.413	-0.332	-0.285	-0.273	-0.303
2991	29.90	-0.381	-0.511	-0.683	-0.878	-1.068	-1.226	-1.331	-1.377	-1.367	-1.314

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

INDEX NO. 2025 503-GR-1-90 U-D (U-D) KANNONZAKI MAX. ACC. = 45.495 (GAL) T= 10.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.230	-1.130	-1.026	-0.925	-0.829	-0.732	-0.621	-0.473	-0.265	0.017
3011	30.10	0.366	0.750	1.119	1.420	1.615	1.703	1.716	1.714	1.757	1.878
3021	30.20	2.075	2.301	2.493	2.592	2.569	2.438	2.238	2.022	1.824	1.651
3031	30.30	1.477	1.268	0.998	0.666	0.304	-0.040	-0.321	-0.518	-0.639	-0.717
3041	30.40	-0.793	-0.890	-1.007	-1.116	-1.175	-1.150	-1.029	-0.829	-0.586	-0.345
3051	30.50	-0.140	0.010	0.105	0.147	0.132	0.050	-0.121	-0.389	-0.748	-1.161
3061	30.60	-1.574	-1.926	-2.174	-2.307	-2.344	-2.320	-2.268	-2.190	-2.060	-1.836
3071	30.70	-1.482	-1.004	-0.459	0.054	0.422	0.565	0.668	0.189	-0.156	-0.440
3081	30.80	-0.569	-0.517	-0.326	-0.086	0.109	0.193	0.147	-0.007	-0.231	-0.496
3091	30.90	-0.789	-1.106	-1.433	-1.728	-1.915	-1.912	-1.659	-1.155	-0.467	0.278
3101	31.00	0.945	1.430	1.700	1.797	1.812	1.840	1.940	2.115	2.312	2.459
3111	31.10	2.497	2.402	2.194	1.917	1.617	1.324	1.044	0.774	0.511	0.271
3121	31.20	0.085	-0.014	-0.005	0.107	0.293	0.508	0.709	0.871	0.985	1.059
3131	31.30	1.099	1.105	1.063	0.952	0.755	0.468	0.101	-0.318	-0.752	-1.159
3141	31.40	-1.500	-1.737	-1.837	-1.779	-1.558	-1.192	-0.723	-0.211	0.277	0.684
3151	31.50	0.975	1.141	1.190	1.141	1.012	0.817	0.563	0.262	-0.065	-0.389
3161	31.60	-0.681	-0.918	-1.095	-1.221	-1.321	-1.412	-1.502	-1.575	-1.604	-1.556
3171	31.70	-1.410	-1.167	-0.853	-0.509	-0.180	0.095	0.297	0.419	0.466	0.445
3181	31.80	0.358	0.207	-0.008	-0.278	-0.583	-0.893	-1.173	-1.395	-1.549	-1.647
3191	31.90	-1.716	-1.794	-1.908	-2.070	-2.261	-2.446	-2.579	-2.621	-2.551	-2.374
3201	32.00	-2.109	-1.783	-1.415	-1.016	-0.589	-0.138	0.325	0.772	1.176	1.514
3211	32.10	1.784	2.007	2.215	2.443	2.699	2.968	3.208	3.370	3.422	3.355
3221	32.20	3.190	2.959	2.691	2.399	2.081	1.734	1.372	1.029	0.756	0.593
3231	32.30	0.549	0.587	0.639	0.637	0.550	0.409	0.297	0.311	0.511	0.673
3241	32.40	1.287	1.588	1.627	1.333	0.749	0.020	-0.664	-1.149	-1.372	-1.380
3251	32.50	-1.294	-1.248	-1.318	-1.487	-1.664	-1.727	-1.595	-1.263	-0.813	-0.374
3261	32.60	-0.065	0.056	0.010	-0.120	-0.230	-0.248	-0.156	0.012	0.194	0.341
3271	32.70	0.439	0.514	0.612	0.772	1.001	1.271	1.526	1.713	1.798	1.777
3281	32.80	1.670	1.508	1.313	1.092	0.838	0.541	0.197	-0.182	-0.573	-0.948
3291	32.90	-1.286	-1.576	-1.820	-2.021	-2.176	-2.272	-2.285	-2.196	-1.999	-1.712
3301	33.00	-1.381	-1.071	-0.842	-0.738	-0.765	-0.894	-1.073	-1.246	-1.379	-1.470
3311	33.10	-1.544	-1.638	-1.774	-1.939	-2.083	-2.132	-2.023	-1.735	-1.310	-0.840
3321	33.20	-0.442	-0.207	-0.168	-0.280	-0.440	-0.529	-0.660	-0.212	0.160	0.550
3331	33.30	0.848	0.978	0.929	0.743	0.492	0.242	0.024	-0.168	-0.361	-0.575
3341	33.40	-0.792	-0.957	-0.987	-0.805	-0.374	0.283	1.082	1.900	2.606	3.101
3351	33.50	3.337	3.323	3.120	2.810	2.482	2.207	2.022	1.935	1.919	1.932
3361	33.60	1.926	1.862	1.721	1.511	1.259	1.001	0.774	0.600	0.482	0.407
3371	33.70	0.352	0.297	0.230	0.148	0.059	-0.028	-0.106	-0.174	-0.232	-0.285
3381	33.80	-0.333	-0.377	-0.416	-0.454	-0.494	-0.541	-0.598	-0.658	-0.711	-0.742
3391	33.90	-0.741	-0.706	-0.647	-0.581	-0.528	-0.496	-0.483	-0.471	-0.442	-0.381
3401	34.00	-0.291	-0.192	-0.116	-0.094	-0.141	-0.250	-0.393	-0.532	-0.636	-0.694
3411	34.10	-0.716	-0.731	-0.766	-0.831	-0.908	-0.953	-0.918	-0.767	-0.495	-0.140
3421	34.20	0.233	0.547	0.743	0.793	0.707	0.524	0.291	0.051	-0.172	-0.367
3431	34.30	-0.538	-0.685	-0.810	-0.910	-0.993	-1.068	-1.154	-1.259	-1.378	-1.481
3441	34.40	-1.522	-1.449	-1.228	-0.855	-0.363	0.191	0.742	1.237	1.643	1.947
3451	34.50	2.143	2.229	2.195	2.035	1.757	1.396	1.005	0.649	0.373	0.189
3461	34.60	0.069	-0.045	-0.210	-0.458	-0.774	-1.107	-1.388	-1.562	-1.614	-1.567
3471	34.70	-1.475	-1.387	-1.327	-1.283	-1.214	-1.080	-0.861	-0.578	-0.286	-0.054
3481	34.80	0.061	0.037	-0.107	-0.315	-0.517	-0.645	-0.650	-0.507	-0.219	0.188
3491	34.90	0.666	1.155	1.582	1.881	2.006	1.943	1.718	1.393	1.046	0.748

Table 7-17-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 2025 503-GR-1-90 U-D (U-D) KANNONZAKI MAX. ACC. = 45.495 (GAL) T= 10.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.545	0.443	0.414	0.412	0.388	0.312	0.175	-0.004	-0.198	-0.371
3511	35.10	-0.496	-0.554	-0.540	-0.460	-0.324	-0.152	0.038	0.232	0.417	0.588
3521	35.20	0.738	0.860	0.938	0.955	0.897	0.765	0.579	0.379	0.212	0.113
3531	35.30	0.089	0.110	0.122	0.068	-0.084	-0.321	-0.583	-0.783	-0.840	-0.713
3541	35.40	-0.418	-0.025	0.368	0.671	0.839	0.877	0.840	0.802	0.822	0.927
3551	35.50	1.096	1.281	1.423	1.479	1.434	1.308	1.137	0.965	0.819	0.709
3561	35.60	0.622	0.536	0.426	0.282	0.105	-0.086	-0.266	-0.409	-0.500	-0.539
3571	35.70	-0.538	-0.517	-0.498	-0.494	-0.514	-0.555	-0.611	-0.678	-0.754	-0.837
3581	35.80	-0.924	-1.005	-1.065	-1.092	-1.077	-1.030	-0.973	-0.936	-0.943	-1.004
3591	35.90	-1.105	-1.212	-1.286	-1.297	-1.240	-1.132	-1.007	-0.900	-0.829	-0.788
3601	36.00	-0.756	-0.702	-0.609	-0.475	-0.320	-0.174	-0.062	0.005	0.035	0.046
3611	36.10	0.058	0.085	0.129	0.185	0.245	0.310	0.379	0.456	0.533	0.595
3621	36.20	0.618	0.582	0.483	0.336	0.176	0.045	-0.027	-0.029	0.021	0.088
3631	36.30	0.131	0.120	0.044	-0.086	-0.251	-0.425	-0.586	-0.715	-0.792	-0.791
3641	36.40	-0.690	-0.476	-0.162	0.208	0.563	0.819	0.913	0.826	0.588	0.276
3651	36.50	-0.020	-0.228	-0.321	-0.326	-0.304	-0.325	-0.431	-0.616	-0.831	-1.004
3661	36.60	-1.068	-0.990	-0.777	-0.476	-0.144	0.163	0.413	0.597	0.723	0.806
3671	36.70	0.861	0.897	0.922	0.943	0.968	0.995	1.017	1.018	0.982	0.905
3681	36.80	0.804	0.712	0.673	0.716	0.846	1.032	1.225	1.374	1.453	1.472
3691	36.90	1.472	1.500	1.584	1.713	1.837	1.888	1.807	1.578	1.230	0.829
3701	37.00	0.449	0.138	-0.095	-0.281	-0.467	-0.690	-0.960	-1.252	-1.521	-1.721
3711	37.10	-1.826	-1.833	-1.758	-1.626	-1.456	-1.264	-1.057	-0.850	-0.662	-0.514
3721	37.20	-0.426	-0.404	-0.441	-0.525	-0.643	-0.792	-0.979	-1.206	-1.461	-1.709
3731	37.30	-1.898	-1.975	-1.909	-1.704	-1.406	-1.085	-0.806	-0.612	-0.509	-0.474
3741	37.40	-0.471	-0.475	-0.482	-0.504	-0.555	-0.640	-0.747	-0.852	-0.937	-0.998
3751	37.50	-1.052	-1.119	-1.209	-1.299	-1.339	-1.269	-1.048	-0.679	-0.217	0.248
3761	37.60	0.628	0.873	0.994	1.056	1.143	1.322	1.606	1.947	2.261	2.460
3771	37.70	2.492	2.360	2.115	1.826	1.553	1.322	1.120	0.919	0.694	0.447
3781	37.80	0.208	0.021	-0.080	-0.088	-0.027	0.059	0.124	0.148	0.135	0.117
3791	37.90	0.127	0.183	0.276	0.375	0.443	0.458	0.429	0.390	0.390	0.462
3801	38.00	0.608	0.791	0.948	1.016	0.961	0.794	0.568	0.354	0.215	0.172
3811	38.10	0.204	0.255	0.268	0.216	0.115	0.025	0.019	0.145	0.404	0.737
3821	38.20	1.050	1.252	1.290	1.172	0.959	0.733	0.565	0.477	0.445	0.412
3831	38.30	0.325	0.165	-0.046	-0.250	-0.390	-0.433	-0.392	-0.315	-0.260	-0.271
3841	38.40	-0.349	-0.457	-0.534	-0.529	-0.415	-0.208	0.049	0.304	0.514	0.653
3851	38.50	0.719	0.714	0.642	0.504	0.303	0.051	-0.225	-0.484	-0.691	-0.829
3861	38.60	-0.907	-0.963	-1.045	-1.191	-1.408	-1.667	-1.907	-2.064	-2.083	-1.948
3871	38.70	-1.677	-1.320	-0.934	-0.573	-0.266	-0.019	0.181	0.358	0.532	0.713
3881	38.80	0.901	1.080	1.230	1.332	1.371	1.343	1.252	1.107	0.919	0.695
3891	38.90	0.440	0.157	-0.146	-0.454	-0.743	-0.987	-1.168	-1.279	-1.333	-1.358
3901	39.00	-1.384	-1.434	-1.512	-1.604	-1.683	-1.724	-1.713	-1.651	-1.550	-1.429
3911	39.10	-1.299	-1.161	-1.011	-0.842	-0.655	-0.461	-0.275	-0.114	0.018	0.123
3921	39.20	0.214	0.301	0.391	0.480	0.565	0.649	0.743	0.870	1.047	1.277
3931	39.30	1.533	1.764	1.905	1.900	1.725	1.400	0.984	0.559	0.201	-0.045
3941	39.40	-0.172	-0.212	-0.214	-0.232	-0.298	-0.423	-0.593	-0.782	-0.960	-1.101
3951	39.50	-1.188	-1.212	-1.170	-1.069	-0.920	-0.744	-0.567	-0.414	-0.302	-0.237
3961	39.60	-0.210	-0.199	-0.181	-0.134	-0.050	0.065	0.194	0.316	0.416	0.489
3971	39.70	0.542	0.594	0.663	0.762	0.891	1.033	1.160	1.242	1.256	1.195
3981	39.80	1.072	0.911	0.741	0.588	0.459	0.350	0.246	0.133	0.003	-0.141
3991	39.90	-0.287	-0.422	-0.540	-0.640	-0.729	-0.815	-0.896	-0.960	-0.991	-0.973

Table 7-17-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 2025 503-GR-1-90 U-D (U-D) KANNONZAKI MAX. ACC. = 45.495 (GAL) T= 10.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.899	-0.782	-0.645	-0.515	-0.413	-0.345	-0.295	-0.241	-0.155	-0.026
4011	40.10	0.144	0.336	0.524	0.685	0.807	0.891	0.950	1.000	1.054	1.116
4021	40.20	1.182	1.239	1.269	1.257	1.190	1.065	0.888	0.679	0.463	0.275
4031	40.30	0.143	0.088	0.114	0.211	0.360	0.534	0.710	0.871	1.002	1.093
4041	40.40	1.135	1.119	1.045	0.918	0.758	0.588	0.433	0.304	0.194	0.081
4051	40.50	-0.067	-0.271	-0.533	-0.830	-1.117	-1.348	-1.490	-1.541	-1.528	-1.499
4061	40.60	-1.506	-1.581	-1.724	-1.908	-2.083	-2.199	-2.219	-2.129	-1.941	-1.682
4071	40.70	-1.386	-1.084	-0.798	-0.540	-0.310	-0.104	0.082	0.256	0.421	0.574
4081	40.80	0.709	0.814	0.881	0.906	0.897	0.876	0.869	0.903	0.993	1.132
4091	40.90	1.294	1.439	1.529	1.539	1.466	1.333	1.176	1.030	0.919	0.846
4101	41.00	0.796	0.744	0.667	0.553	0.405	0.236	0.062	-0.106	-0.266	-0.423
4111	41.10	-0.583	-0.748	-0.913	-1.068	-1.202	-1.313	-1.405	-1.491	-1.581	-1.680
4121	41.20	-1.776	-1.847	-1.869	-1.825	-1.715	-1.562	-1.400	-1.263	-1.173	-1.127
4131	41.30	-1.098	-1.047	-0.939	-0.757	-0.511	-0.232	0.037	0.262	0.428	0.545
4141	41.40	0.642	0.749	0.889	1.062	1.250	1.426	1.565	1.657	1.709	1.740
4151	41.50	1.773	1.819	1.876	1.926	1.947	1.923	1.850	1.738	1.606	1.475
4161	41.60	1.359	1.257	1.165	1.072	0.972	0.865	0.758	0.656	0.562	0.472
4171	41.70	0.380	0.277	0.164	0.047	-0.063	-0.160	-0.246	-0.338	-0.461	-0.636
4181	41.80	-0.873	-1.157	-1.450	-1.699	-1.855	-1.885	-1.790	-1.598	-1.361	-1.132
4191	41.90	-0.951	-0.830	-0.756	-0.699	-0.626	-0.521	-0.390	-0.257	-0.158	-0.123
4201	42.00	-0.163	-0.264	-0.395	-0.516	-0.600	-0.640	-0.652	-0.671	-0.730	-0.848
4211	42.10	-1.015	-1.194	-1.336	-1.392	-1.340	-1.188	-0.975	-0.753	-0.570	-0.453
4221	42.20	-0.393	-0.361	-0.317	-0.230	-0.092	0.082	0.261	0.416	0.536	0.629
4231	42.30	0.723	0.845	1.013	1.222	1.446	1.649	1.797	1.870	1.865	1.795
4241	42.40	1.682	1.544	1.397	1.250	1.111	0.989	0.895	0.833	0.800	0.785
4251	42.50	0.771	0.761	0.691	0.626	0.564	0.521	0.507	0.512	0.516	0.490
4261	42.60	0.415	0.287	0.120	-0.061	-0.229	-0.365	-0.469	-0.549	-0.619	-0.690
4271	42.70	-0.767	-0.847	-0.931	-1.018	-1.115	-1.224	-1.337	-1.437	-1.494	-1.483
4281	42.80	-1.389	-1.223	-1.014	-0.804	-0.629	-0.506	-0.430	-0.373	-0.308	-0.216
4291	42.90	-0.101	0.020	0.124	0.198	0.248	0.299	0.378	0.502	0.664	0.835
4301	43.00	0.972	1.038	1.020	0.930	0.803	0.677	0.583	0.527	0.497	0.470
4311	43.10	0.425	0.355	0.267	0.179	0.107	0.058	0.025	-0.005	-0.044	-0.098
4321	43.20	-0.165	-0.236	-0.303	-0.363	-0.420	-0.481	-0.549	-0.621	-0.690	-0.746
4331	43.30	-0.787	-0.819	-0.855	-0.906	-0.974	-1.044	-1.087	-1.071	-0.969	-0.774
4341	43.40	-0.503	-0.191	0.120	0.394	0.609	0.759	0.845	0.868	0.827	0.717
4351	43.50	0.541	0.315	0.075	-0.132	-0.264	-0.299	-0.254	-0.177	-0.139	-0.199
4361	43.60	-0.360	-0.656	-0.955	-1.183	-1.263	-1.164	-0.915	-0.590	-0.287	-0.082
4371	43.70	-0.002	-0.023	-0.080	-0.105	-0.058	0.053	0.179	0.250	0.214	0.063
4381	43.80	-0.166	-0.401	-0.575	-0.652	-0.646	-0.615	-0.633	-0.748	-0.964	-1.228
4391	43.90	-1.452	-1.548	-1.465	-1.208	-0.838	-0.446	-0.116	0.105	0.219	0.270
4401	44.00	0.316	0.406	0.554	0.740	0.922	1.063	1.145	1.183	1.211	1.271
4411	44.10	1.387	1.557	1.750	1.920	2.023	2.037	1.967	1.841	1.698	1.571
4421	44.20	1.475	1.403	1.334	1.244	1.118	0.958	0.781	0.613	0.476	0.381
4431	44.30	0.321	0.278	0.233	0.168	0.078	-0.030	-0.147	-0.261	-0.371	-0.477
4441	44.40	-0.582	-0.682	-0.762	-0.798	-0.768	-0.658	-0.476	-0.247	-0.008	0.204
4451	44.50	0.372	0.503	0.623	0.762	0.939	1.148	1.354	1.508	1.562	1.495
4461	44.60	1.313	1.054	0.764	0.485	0.236	0.011	-0.209	-0.441	-0.688	-0.931
4471	44.70	-1.137	-1.278	-1.344	-1.349	-1.326	-1.315	-1.344	-1.419	-1.524	-1.629
4481	44.80	-1.704	-1.736	-1.723	-1.680	-1.621	-1.551	-1.471	-1.371	-1.247	-1.101
4491	44.90	-0.946	-0.795	-0.657	-0.529	-0.398	-0.246	-0.064	0.141	0.346	0.523

Table 7-17-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2025 503-GR-1-90 U-D (U-D) KANNONZAKI MAX. ACC. = 45.495 (GAL) T= 10.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.648	0.717	0.749	0.778	0.841	0.957	1.122	1.304	1.458	1.545
4511	45.10	1.541	1.451	1.298	1.117	0.934	0.760	0.589	0.409	0.211	0.001
4521	45.20	-0.196	-0.345	-0.413	-0.382	-0.255	-0.061	0.160	0.366	0.528	0.634
4531	45.30	0.687	0.697	0.674	0.617	0.519	0.368	0.164	-0.079	-0.331	-0.552
4541	45.40	-0.706	-0.770	-0.744	-0.648	-0.511	-0.360	-0.209	-0.061	0.091	0.243
4551	45.50	0.380	0.469	0.472	0.360	0.137	-0.161	-0.461	-0.682	-0.758	-0.659
4561	45.60	-0.403	-0.046	0.341	0.692	0.972	1.175	1.319	1.420	1.485	1.497
4571	45.70	1.430	1.259	0.985	0.636	0.265	-0.070	-0.327	-0.500	-0.615	-0.721
4581	45.80	-0.864	-1.070	-1.330	-1.604	-1.846	-2.016	-2.103	-2.128	-2.131	-2.153
4591	45.90	-2.217	-2.319	-2.429	-2.502	-2.502	-2.412	-2.242	-2.021	-1.786	-1.570
4601	46.00	-1.386	-1.234	-1.099	-0.965	-0.819	-0.659	-0.489	-0.321	-0.165	-0.028
4611	46.10	0.085	0.176	0.245	0.300	0.347	0.396	0.455	0.532	0.626	0.733
4621	46.20	0.844	0.950	1.045	1.132	1.214	1.300	1.390	1.482	1.565	1.631
4631	46.30	1.673	1.694	1.704	1.714	1.733	1.758	1.777	1.777	1.748	1.690
4641	46.40	1.616	1.543	1.482	1.432	1.377	1.292	1.158	0.972	0.749	0.523
4651	46.50	0.330	0.188	0.095	0.023	-0.063	-0.194	-0.376	-0.588	-0.791	-0.943
4661	46.60	-1.019	-1.023	-0.982	-0.936	-0.921	-0.950	-1.016	-1.094	-1.160	-1.198
4671	46.70	-1.213	-1.220	-1.235	-1.266	-1.305	-1.332	-1.327	-1.277	-1.188	-1.079
4681	46.80	-0.975	-0.896	-0.847	-0.818	-0.788	-0.738	-0.655	-0.541	-0.407	-0.269
4691	46.90	-0.145	-0.046	0.026	0.072	0.097	0.112	0.126	0.151	0.197	0.269
4701	47.00	0.363	0.466	0.563	0.638	0.683	0.705	0.720	0.747	0.800	0.878
4711	47.10	0.968	1.050	1.106	1.137	1.154	1.184	1.249	1.356	1.491	1.619
4721	47.20	1.701	1.708	1.631	1.491	1.324	1.169	1.053	0.981	0.938	0.897
4731	47.30	0.834	0.737	0.608	0.459	0.303	0.149	0.002	-0.142	-0.283	-0.417
4741	47.40	-0.533	-0.619	-0.665	-0.667	-0.624	-0.540	-0.423	-0.277	-0.111	0.061
4751	47.50	0.220	0.343	0.409	0.407	0.337	0.210	0.044	-0.150	-0.366	-0.606
4761	47.60	-0.864	-1.125	-1.351	-1.496	-1.515	-1.386	-1.128	-0.793	-0.457	-0.189
4771	47.70	-0.031	0.021	0.009	-0.010	0.014	0.100	0.231	0.368	0.467	0.503
4781	47.80	0.477	0.410	0.329	0.250	0.167	0.061	-0.087	-0.281	-0.498	-0.697
4791	47.90	-0.831	-0.867	-0.796	-0.640	-0.437	-0.229	-0.050	0.082	0.166	0.202
4801	48.00	0.195	0.145	0.054	-0.069	-0.209	-0.348	-0.467	-0.559	-0.626	-0.677
4811	48.10	-0.723	-0.765	-0.795	-0.800	-0.767	-0.692	-0.583	-0.457	-0.329	-0.211
4821	48.20	-0.102	0.004	0.112	0.220	0.320	0.399	0.446	0.464	0.464	0.463
4831	48.30	0.471	0.484	0.485	0.454	0.374	0.247	0.094	-0.054	-0.167	-0.233
4841	48.40	-0.260	-0.271	-0.294	-0.347	-0.428	-0.520	-0.599	-0.648	-0.666	-0.668
4851	48.50	-0.674	-0.702	-0.751	-0.810	-0.856	-0.870	-0.845	-0.790	-0.721	-0.657
4861	48.60	-0.610	-0.580	-0.558	-0.536	-0.510	-0.483	-0.464	-0.460	-0.468	-0.475
4871	48.70	-0.462	-0.406	-0.296	-0.133	0.068	0.283	0.484	0.648	0.765	0.835
4881	48.80	0.871	0.891	0.915	0.960	1.035	1.138	1.258	1.377	1.476	1.541
4891	48.90	1.562	1.544	1.493	1.424	1.347	1.273	1.204	1.143	1.091	1.047
4901	49.00	1.011	0.978	0.941	0.889	0.808	0.691	0.538	0.357	0.166	-0.014
4911	49.10	-0.164	-0.272	-0.337	-0.368	-0.380	-0.392	-0.419	-0.469	-0.540	-0.623
4921	49.20	-0.702	-0.759	-0.781	-0.762	-0.707	-0.624	-0.526	-0.426	-0.331	-0.243
4931	49.30	-0.164	-0.091	-0.027	0.028	0.077	0.123	0.178	0.252	0.347	0.458
4941	49.40	0.563	0.636	0.652	0.603	0.496	0.359	0.225	0.119	0.047	-0.005
4951	49.50	-0.067	-0.168	-0.322	-0.517	-0.722	-0.896	-1.003	-1.028	-0.976	-0.869
4961	49.60	-0.733	-0.588	-0.444	-0.300	-0.156	-0.014	0.120	0.238	0.337	0.424
4971	49.70	0.507	0.594	0.685	0.764	0.808	0.796	0.722	0.597	0.450	0.312
4981	49.80	0.201	0.118	0.039	-0.063	-0.207	-0.393	-0.595	-0.773	-0.895	-0.945
4991	49.90	-0.937	-0.903	-0.881	-0.896	-0.952	-1.035	-1.123	-1.200	-1.261	-1.317

Table 7-17-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 2025 503-GR-1-90 U-D (U-D) KANNONZAKI MAX. ACC. = 45.495 (GAL) T= 10.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.376	-1.441	-1.496	-1.516	-1.477	-1.366	-1.199	-1.004	-0.820	-0.673
5011	50.10	-0.568	-0.486	-0.400	-0.285	-0.138	0.025	0.171	0.269	0.308	0.297
5021	50.20	0.267	0.256	0.291	0.382	0.517	0.669	0.814	0.935	1.027	1.100
5031	50.30	1.165	1.229	1.292	1.344	1.373	1.365	1.316	1.226	1.105	0.967
5041	50.40	0.831	0.714	0.626	0.570	0.539	0.519	0.493	0.448	0.382	0.305
5051	50.50	0.232	0.178	0.167	0.131	0.109	0.062	-0.020	-0.130	-0.249	-0.351
5061	50.60	-0.423	-0.468	-0.510	-0.576	-0.684	-0.827	-0.970	-1.061	-1.055	-0.936
5071	50.70	-0.725	-0.678	-0.262	-0.129	-0.094	-0.130	-0.179	-0.181	-0.097	0.075
5081	50.80	0.303	0.537	0.731	0.861	0.932	0.963	0.977	0.985	0.978	0.940
5091	50.90	0.853	0.717	0.549	0.381	0.244	0.158	0.122	0.118	0.119	0.105
5101	51.00	0.065	0.008	-0.051	-0.099	-0.128	-0.142	-0.151	-0.166	-0.195	-0.236
5111	51.10	-0.284	-0.334	-0.377	-0.412	-0.433	-0.435	-0.410	-0.353	-0.265	-0.154
5121	51.20	-0.035	0.072	0.158	0.222	0.274	0.332	0.411	0.514	0.630	0.737
5131	51.30	0.811	0.840	0.823	0.776	0.719	0.668	0.625	0.583	0.528	0.449
5141	51.40	0.347	0.237	0.138	0.068	0.030	0.014	0.001	-0.025	-0.070	-0.126
5151	51.50	-0.176	-0.203	-0.204	-0.194	-0.198	-0.240	-0.332	-0.462	-0.598	-0.705
5161	51.60	-0.758	-0.756	-0.727	-0.713	-0.757	-0.877	-1.058	-1.256	-1.412	-1.470
5171	51.70	-1.403	-1.217	-0.952	-0.668	-0.424	-0.262	-0.195	-0.204	-0.252	-0.291
5181	51.80	-0.282	-0.206	-0.070	0.097	0.250	0.349	0.367	0.305	0.185	0.046
5191	51.90	-0.073	-0.148	-0.178	-0.181	-0.185	-0.210	-0.263	-0.331	-0.396	-0.444
5201	52.00	-0.474	-0.502	-0.546	-0.620	-0.715	-0.804	-0.849	-0.824	-0.725	-0.576
5211	52.10	-0.420	-0.295	-0.222	-0.188	-0.159	-0.100	0.009	0.156	0.304	0.411
5221	52.20	0.450	0.431	0.390	0.377	0.426	0.537	0.674	0.786	0.831	0.803
5231	52.30	0.738	0.695	0.730	0.866	1.076	1.291	1.433	1.441	1.301	1.048
5241	52.40	0.751	0.483	0.291	0.189	0.158	0.164	0.178	0.188	0.201	0.232
5251	52.50	0.293	0.387	0.506	0.639	0.776	0.916	1.060	1.205	1.337	1.436
5261	52.60	1.475	1.436	1.320	1.144	0.940	0.744	0.583	0.469	0.398	0.353
5271	52.70	0.315	0.266	0.198	0.105	-0.008	-0.135	-0.266	-0.393	-0.506	-0.600
5281	52.80	-0.677	-0.743	-0.810	-0.888	-0.983	-1.094	-1.216	-1.339	-1.455	-1.560
5291	52.90	-1.654	-1.738	-1.808	-1.862	-1.890	-1.888	-1.854	-1.791	-1.705	-1.601
5301	53.00	-1.483	-1.354	-1.216	-1.079	-0.953	-0.851	-0.779	-0.728	-0.679	-0.607
5311	53.10	-0.494	-0.343	-0.182	-0.056	-0.011	-0.073	-0.234	-0.449	-0.652	-0.780
5321	53.20	-0.796	-0.704	-0.543	-0.369	-0.231	-0.168	-0.107	-0.072	-0.002	0.127
5331	53.30	0.310	0.519	0.710	0.847	0.915	0.924	0.904	0.893	0.923	1.007
5341	53.40	1.138	1.291	1.434	1.538	1.583	1.562	1.483	1.361	1.220	1.078
5351	53.50	0.949	0.841	0.752	0.675	0.604	0.532	0.454	0.366	0.264	0.148
5361	53.60	0.019	-0.116	-0.239	-0.330	-0.365	-0.330	-0.224	-0.065	0.117	0.286
5371	53.70	0.411	0.480	0.496	0.478	0.453	0.441	0.456	0.499	0.561	0.631
5381	53.80	0.695	0.742	0.764	0.753	0.710	0.635	0.540	0.437	0.340	0.260
5391	53.90	0.197	0.144	0.093	0.034	-0.034	-0.106	-0.172	-0.226	-0.268	-0.306
5401	54.00	-0.349	-0.404	-0.467	-0.531	-0.584	-0.627	-0.668	-0.724	-0.808	-0.919
5411	54.10	-1.033	-1.113	-1.121	-1.041	-0.888	-0.708	-0.559	-0.487	-0.503	-0.576
5421	54.20	-0.652	-0.680	-0.636	-0.543	-0.456	-0.439	-0.529	-0.716	-0.943	-1.129
5431	54.30	-1.205	-1.143	-0.967	-0.738	-0.524	-0.368	-0.274	-0.209	-0.128	0.001
5441	54.40	0.178	0.374	0.550	0.674	0.741	0.774	0.803	0.852	0.917	0.977
5451	54.50	0.998	0.960	0.866	0.744	0.627	0.541	0.490	0.457	0.419	0.368
5461	54.60	0.324	0.326	0.416	0.609	0.879	1.157	1.356	1.403	1.272	0.992
5471	54.70	0.640	0.307	0.061	-0.072	-0.114	-0.116	-0.125	-0.166	-0.228	-0.277
5481	54.80	-0.276	-0.208	-0.081	0.074	0.220	0.335	0.416	0.478	0.539	0.604
5491	54.90	0.659	0.673	0.618	0.484	0.289	0.077	-0.100	-0.202	-0.219	-0.177

Table 7-17-12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 2025 503-GR-1-90 U-D (U-D) KANNONZAKI MAX. ACC. = 45.495 (GAL) T= 10.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.125	-0.114	-0.173	-0.302	-0.463	-0.606	-0.684	-0.674	-0.584	-0.449
5511	55.10	-0.313	-0.207	-0.139	-0.093	-0.038	0.057	0.200	0.374	0.540	0.652
5521	55.20	0.674	0.596	0.439	0.246	0.063	-0.075	-0.159	-0.203	-0.238	-0.294
5531	55.30	-0.385	-0.507	-0.637	-0.748	-0.821	-0.854	-0.861	-0.865	-0.885	-0.928
5541	55.40	-0.983	-1.032	-1.058	-1.054	-1.032	-1.014	-1.022	-1.067	-1.141	-1.219
5551	55.50	-1.267	-1.256	-1.176	-1.036	-0.863	-0.690	-0.540	-0.421	-0.324	-0.234
5561	55.60	-0.135	-0.025	0.085	0.178	0.235	0.252	0.239	0.218	0.215	0.247
5571	55.70	0.313	0.395	0.469	0.512	0.519	0.505	0.500	0.534	0.626	0.767
5581	55.80	0.926	1.058	1.119	1.088	0.970	0.795	0.607	0.445	0.324	0.239
5591	55.90	0.165	0.071	-0.055	-0.209	-0.361	-0.474	-0.515	-0.472	-0.360	-0.211
5601	56.00	-0.065	0.043	0.101	0.116	0.112	0.117	0.152	0.226	0.329	0.445
5611	56.10	0.552	0.629	0.666	0.659	0.614	0.540	0.450	0.357	0.273	0.207
5621	56.20	0.163	0.138	0.127	0.121	0.110	0.090	0.060	0.021	-0.018	-0.054
5631	56.30	-0.084	-0.108	-0.132	-0.161	-0.202	-0.258	-0.326	-0.403	-0.480	-0.549
5641	56.40	-0.604	-0.644	-0.671	-0.690	-0.705	-0.718	-0.723	-0.715	-0.685	-0.627
5651	56.50	-0.544	-0.443	-0.337	-0.234	-0.141	-0.058	0.018	0.091	0.157	0.211
5661	56.60	0.242	0.246	0.227	0.198	0.180	0.190	0.232	0.299	0.367	0.413
5671	56.70	0.421	0.389	0.333	0.274	0.230	0.206	0.190	0.167	0.123	0.061
5681	56.80	-0.004	-0.045	-0.047	-0.013	0.029	0.038	-0.022	-0.166	-0.366	-0.576
5691	56.90	-0.729	-0.775	-0.698	-0.521	-0.294	-0.075	0.097	0.209	0.282	0.343
5701	57.00	0.419	0.512	0.601	0.655	0.646	0.563	0.420	0.252	0.092	-0.030
5711	57.10	-0.106	-0.143	-0.155	-0.155	-0.147	-0.131	-0.101	-0.056	-0.002	0.049
5721	57.20	0.088	0.113	0.130	0.149	0.184	0.237	0.305	0.375	0.433	0.473
5731	57.30	0.493	0.500	0.502	0.506	0.516	0.530	0.549	0.574	0.608	0.648
5741	57.40	0.686	0.706	0.689	0.619	0.494	0.328	0.151	0.000	-0.094	-0.115
5751	57.50	-0.067	0.033	0.158	0.287	0.403	0.495	0.554	0.568	0.523	0.412
5761	57.60	0.236	0.014	-0.219	-0.423	-0.563	-0.625	-0.619	-0.574	-0.527	-0.509
5771	57.70	-0.532	-0.591	-0.664	-0.729	-0.767	-0.769	-0.738	-0.678	-0.595	-0.496
5781	57.80	-0.388	-0.284	-0.203	-0.166	-0.186	-0.260	-0.370	-0.480	-0.549	-0.549
5791	57.90	-0.468	-0.322	-0.142	0.034	0.176	0.270	0.321	0.343	0.356	0.373
5801	58.00	0.398	0.429	0.458	0.482	0.498	0.507	0.513	0.518	0.522	0.525
5811	58.10	0.529	0.534	0.542	0.552	0.560	0.557	0.539	0.500	0.444	0.377
5821	58.20	0.309	0.248	0.197	0.155	0.116	0.076	0.034	-0.007	-0.044	-0.075
5831	58.30	-0.103	-0.132	-0.169	-0.216	-0.267	-0.315	-0.349	-0.370	-0.382	-0.402
5841	58.40	-0.442	-0.507	-0.588	-0.658	-0.688	-0.654	-0.551	-0.398	-0.232	-0.094
5851	58.50	-0.015	-0.002	-0.035	-0.080	-0.103	-0.084	-0.026	0.049	0.113	0.145
5861	58.60	0.144	0.125	0.114	0.132	0.182	0.248	0.302	0.316	0.274	0.183
5871	58.70	0.068	-0.039	-0.114	-0.150	-0.160	-0.171	-0.210	-0.290	-0.409	-0.544
5881	58.80	-0.670	-0.762	-0.813	-0.828	-0.826	-0.828	-0.847	-0.884	-0.930	-0.965
5891	58.90	-0.973	-0.942	-0.871	-0.772	-0.662	-0.561	-0.484	-0.436	-0.409	-0.388
5901	59.00	-0.352	-0.284	-0.177	-0.038	0.112	0.245	0.335	0.364	0.333	0.256
5911	59.10	0.158	0.059	-0.025	-0.092	-0.150	-0.209	-0.274	-0.344	-0.405	-0.443
5921	59.20	-0.445	-0.407	-0.334	-0.237	-0.127	-0.013	0.104	0.223	0.345	0.465
5931	59.30	0.571	0.651	0.693	0.696	0.669	0.630	0.600	0.596	0.624	0.675
5941	59.40	0.731	0.768	0.767	0.719	0.630	0.516	0.400	0.303	0.234	0.192
5951	59.50	0.164	0.133	0.086	0.020	-0.056	-0.127	-0.179	-0.208	-0.219	-0.230
5961	59.60	-0.260	-0.320	-0.410	-0.517	-0.621	-0.710	-0.781	-0.846	-0.916	-1.000
5971	59.70	-1.086	-1.149	-1.154	-1.076	-0.913	-0.691	-0.458	-0.262	-0.133	-0.070
5981	59.80	-0.037	0.014	0.123	0.300	0.512	0.697	0.788	0.740	0.552	0.270
5991	59.90	-0.026	-0.250	-0.340	-0.276	-0.085	0.173	0.429	0.629	0.748	0.797

Table 7－17－13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 2025 503-GR-1-90 U-D (U-D) KANNONZAKI MAX. ACC. = 45.495 (GAL) T= 10.82 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 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	0.814	0.847	0.933	1.088	1.301	1.534	1.736	1.863	1.887	1.805
6011	60.10	1.642	1.438	1.236	1.069	0.947	0.864	0.802	0.738	0.659	0.566
6021	60.20	0.464	0.363	0.269	0.178	0.085	-0.015	-0.120	-0.219	-0.298	-0.350
6031	60.30	-0.374	-0.384	-0.398	-0.432	-0.486	-0.544	-0.580	-0.567	-0.490	-0.355
6041	60.40	-0.186	-0.017	0.124	0.226	0.297	0.355	0.423	0.509	0.601	0.675
6051	60.50	0.700	0.652	0.528	0.345	0.135	-0.064	-0.224	-0.335	-0.401	-0.440
6061	60.60	-0.473	-0.516	-0.573	-0.645	-0.724	-0.804	-0.881	-0.950	-1.006	-1.033
6071	60.70	-1.014	-0.932	-0.779	-0.566	-0.322	-0.089	0.094	0.205	0.246	0.245
6081	60.80	0.243	0.269	0.334	0.417	0.484	0.504	0.473	0.423	0.411	0.490
6091	60.90	0.678	0.937	1.175	1.279	1.157	0.788	0.235	-0.368	-0.863	-1.130

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

INDEX NO. 2026 503-GR-1-90 HB. (HB.) KANNONZAKI MAX. ACC. = 140.015 (GAL) T= 10.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-19.238	-35.012	-35.973	-20.901	3.941	27.568	39.433	34.511	15.759	-7.319
11	0.10	-23.314	-24.505	-10.619	11.094	29.480	34.994	24.355	2.084	-21.755	-36.426
21	0.20	-35.561	-19.945	3.187	23.814	33.836	30.526	17.185	0.949	-10.934	-14.425
31	0.30	-10.068	-1.992	4.658	6.403	2.858	-3.598	-9.488	-12.152	-10.891	-6.855
41	0.40	-1.992	2.183	5.221	7.501	9.422	10.678	10.190	6.798	0.281	-7.975
51	0.50	-15.198	-18.353	-15.649	-7.595	2.994	12.146	16.495	14.801	8.456	0.739
61	0.60	-4.771	-5.836	-2.440	3.456	9.057	12.109	11.789	8.723	4.261	-0.445
71	0.70	-4.980	-9.501	-14.054	-17.900	-19.406	-16.712	-8.910	2.950	15.701	25.031
81	0.80	27.272	21.182	8.795	-5.204	-15.404	-18.066	-12.849	-2.982	6.247	10.027
91	0.90	6.384	-2.794	-12.604	-17.478	-13.931	-2.398	12.755	25.100	29.027	22.325
101	1.00	7.259	-10.362	-23.680	-27.723	-21.446	-8.035	6.624	16.530	18.052	11.247
111	1.10	-0.453	-11.916	-18.521	-17.917	-10.689	0.223	10.918	18.067	19.974	16.834
121	1.20	10.292	2.609	-4.149	-8.646	-10.445	-9.887	-7.827	-5.311	-3.268	-2.242
131	1.30	-2.220	-2.634	-2.582	-1.241	1.680	5.665	9.451	11.490	10.611	6.615
141	1.40	0.479	-5.944	-10.643	-12.259	-10.613	-6.711	-2.245	1.170	2.660	2.230
151	1.50	0.729	-0.889	-1.983	-2.484	-2.748	-3.166	-3.797	-4.252	-3.909	-2.330
161	1.60	0.377	3.478	5.883	6.636	5.374	2.510	-0.945	-3.835	-5.327	-5.203
171	1.70	-3.823	-1.851	0.084	1.606	2.604	3.071	2.952	2.097	0.401	-1.997
181	1.80	-4.588	-6.579	-7.167	-6.010	-3.287	0.139	3.136	4.763	4.665	3.193
191	1.90	1.188	-0.448	-1.185	-1.057	-0.551	-0.251	-0.452	-0.962	-1.205	-0.569
201	2.00	1.198	3.752	6.233	7.625	7.227	5.002	1.629	-1.769	-4.103	-4.769
211	2.10	-3.874	-2.138	-0.538	0.141	-0.363	-1.715	-3.177	-3.975	-3.647	-2.241
221	2.20	-0.275	1.513	2.479	2.350	1.315	-0.069	-1.124	-1.331	-0.545	0.940
231	2.30	2.500	3.401	3.076	1.342	-1.504	-4.738	-7.406	-8.607	-7.773	-4.878
241	2.40	-0.495	4.327	8.344	10.469	10.112	7.373	3.023	-1.726	-5.607	-7.692
251	2.50	-7.669	-5.883	-3.152	-0.423	1.583	2.585	2.750	2.508	2.274	2.236
261	2.60	2.292	2.179	1.688	0.854	-0.003	-0.419	-0.044	1.131	2.690	3.928
271	2.70	4.152	2.999	0.630	-2.309	-4.939	-6.498	-6.624	-5.455	-3.505	-1.408
281	2.80	0.347	1.555	2.268	2.641	2.775	2.635	2.114	1.170	-0.041	-1.140
291	2.90	-1.657	-1.245	0.113	2.028	3.811	4.738	4.343	2.630	0.093	-2.458
301	3.00	-4.195	-4.571	-3.505	-1.388	1.076	3.117	4.147	3.923	2.587	0.585
311	3.10	-1.489	-3.070	-3.768	-3.456	-2.271	-0.551	1.275	2.808	3.766	4.029
321	3.20	3.626	2.687	1.392	-0.063	-1.476	-2.630	-3.302	-3.302	-2.540	-1.092
331	3.30	0.770	2.630	4.037	4.660	4.403	3.439	2.164	0.943	0.157	-0.109
341	3.40	0.028	0.310	0.465	0.323	-0.142	-0.833	-1.599	-2.306	-2.867	-3.233
351	3.50	-3.365	-3.212	-2.723	-1.889	-0.785	0.417	1.485	2.198	2.429	2.195
361	3.60	1.650	1.027	0.560	0.399	0.565	0.956	1.371	1.582	1.397	0.737
371	3.70	-0.315	-1.499	-2.427	-2.689	-2.009	-0.393	1.806	3.948	5.299	5.296
381	3.80	3.780	1.089	-2.049	-4.778	-6.433	-6.769	-5.993	-4.608	-3.139	-1.894
391	3.90	-0.877	0.106	1.237	2.487	3.572	4.086	3.746	2.601	1.064	-0.265
401	4.00	-0.905	-0.764	-0.199	0.175	-0.158	-1.282	-2.750	-3.784	-3.707	-2.360
411	4.10	-0.279	1.510	1.987	0.700	-1.919	-4.679	-6.155	-5.378	-2.344	1.928
421	4.20	5.835	7.921	7.536	5.103	1.864	-0.760	-1.848	-1.369	-0.084	0.962
431	4.30	1.051	0.184	-0.969	-1.514	-0.907	0.666	2.348	3.071	2.175	-0.155
441	4.40	-2.911	-4.722	-4.555	-2.261	1.301	4.650	6.381	5.815	3.282	-0.091
451	4.50	-2.966	-4.422	-4.322	-3.244	-2.055	-1.386	-1.310	-1.375	-0.955	0.309
461	4.60	2.237	4.170	5.311	5.144	3.707	1.547	-0.583	-2.108	-2.870	-3.091
471	4.70	-3.108	-3.060	-2.745	-1.760	0.161	2.800	5.352	6.674	5.799	2.476
481	4.80	-2.565	-7.787	-11.422	-12.194	-9.848	-5.249	-0.001	4.227	6.357	6.241
491	4.90	4.570	2.440	0.824	0.194	0.457	1.169	1.866	2.308	2.526	2.674

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

INDEX NO. 2026 503-GR-1-90 HB. (HB.) KANNONZAKI MAX. ACC. = 140.015 (GAL) T= 10.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.824	2.842	2.445	1.396	-0.279	-2.214	-3.813	-4.532	-4.164	-2.986
511	5.10	-1.667	-0.965	-1.350	-2.750	-4.538	-5.793	-5.704	-3.961	-0.926	2.480
521	5.20	5.133	6.162	5.307	3.025	0.313	-1.694	-2.170	-0.933	1.493	4.077
531	5.30	5.694	5.563	3.555	0.246	-3.304	-5.948	-6.875	-5.891	-3.453	-0.463
541	5.40	2.084	3.459	3.406	2.165	0.296	-1.562	-2.913	-3.508	-3.336	-2.536
551	5.50	-1.306	0.136	1.557	2.697	3.295	3.166	2.301	0.914	-0.592	-1.763
561	5.60	-2.270	-2.045	-1.290	-0.363	0.412	0.897	1.178	1.459	1.884	2.394
571	5.70	2.721	2.539	1.681	0.308	-1.100	-1.959	-1.891	-0.971	0.243	0.956
581	5.80	0.545	-1.070	-3.297	-5.088	-5.427	-3.850	-0.743	2.768	5.288	5.802
591	5.90	4.164	1.199	-1.661	-3.041	-2.265	0.314	3.474	5.692	5.851	3.759
601	6.00	0.234	-3.277	-5.348	-5.201	-3.015	0.201	3.088	4.539	4.137	2.262
611	6.10	-0.159	-2.097	-2.868	-2.366	-1.029	0.412	1.268	1.148	0.068	-1.610
621	6.20	-3.329	-4.512	-4.705	-3.674	-1.470	1.539	4.683	7.102	7.965	6.755
631	6.30	3.533	-0.957	-5.438	-8.502	-9.132	-7.148	-3.346	0.761	3.533	3.900
641	6.40	1.842	-1.564	-4.587	-5.615	-3.897	0.075	4.739	8.143	8.815	6.452
651	6.50	2.069	-2.447	-5.190	-5.110	-2.485	1.218	4.036	4.428	1.989	-2.369
661	6.60	-6.837	-9.519	-9.240	-5.988	-0.810	4.732	9.253	12.029	13.074	12.842
671	6.70	11.770	9.973	7.260	3.456	-1.200	-5.872	-9.312	-10.403	-8.770	-5.120
681	6.80	-1.089	1.418	1.099	-2.072	-6.720	-10.597	-11.561	-8.549	-2.116	5.734
691	6.90	12.342	15.476	14.212	9.248	2.543	-3.521	-7.081	-7.428	-5.114	-1.557
701	7.00	1.628	3.275	3.024	1.314	-0.923	-2.681	-3.253	-2.432	-0.516	1.830
711	7.10	3.809	4.733	4.239	2.411	-0.218	-2.825	-4.557	-4.848	-3.636	-1.403
721	7.20	1.017	2.767	3.310	2.612	1.087	-0.651	-2.094	-3.026	-3.497	-3.628
731	7.30	-3.388	-2.529	-0.751	1.975	5.135	7.685	8.420	6.596	2.475	-2.526
741	7.40	-6.282	-6.871	-3.557	2.648	9.206	13.043	11.922	5.570	-4.020	-13.294
751	7.50	-18.614	-17.825	-11.228	-1.461	7.635	12.680	12.160	6.972	-0.134	-5.886
761	7.60	-7.957	-5.882	-1.056	4.114	7.412	7.769	5.542	2.070	-1.177	-3.347
771	7.70	-4.463	-5.111	-5.799	-6.430	-6.231	-4.227	0.006	5.762	11.179	13.894
781	7.80	12.107	5.570	-4.043	-13.613	-19.762	-20.253	-14.952	-5.928	3.409	9.737
791	7.90	11.200	8.128	2.762	-1.847	-3.292	-0.921	3.885	8.383	9.794	6.663
801	8.00	-0.363	-8.697	-14.859	-15.944	-10.884	-0.966	10.624	20.007	24.066	21.551
811	8.10	13.417	2.325	-8.430	-16.082	-19.197	-17.879	-13.410	-7.589	-2.098	1.881
821	8.20	3.754	3.416	1.140	-2.460	-6.413	-9.455	-10.281	-7.994	-2.586	4.795
831	8.30	12.019	16.612	16.670	11.698	2.967	-6.800	-14.347	-17.061	-13.948	-6.005
841	8.40	4.149	13.221	18.403	18.299	13.294	5.294	-3.019	-9.122	-11.448	-9.819
851	8.50	-5.413	-0.315	3.207	3.474	0.005	-6.241	-13.112	-17.950	-18.545	-14.010
861	8.60	-5.235	5.324	14.496	19.588	19.439	14.868	8.288	2.635	0.071	1.062
871	8.70	4.257	7.226	7.698	4.696	-0.981	-7.154	-11.332	-11.900	-8.833	-3.616
881	8.80	1.569	4.914	5.754	4.671	2.912	1.538	0.788	0.061	-1.515	-4.286
891	8.90	-7.563	-9.784	-9.316	-5.489	0.749	6.977	10.302	8.744	2.315	-6.797
901	9.00	-15.106	-19.371	-18.063	-12.006	-3.870	3.248	7.417	8.805	9.451	11.958
911	9.10	17.758	25.887	32.933	34.312	26.333	8.094	-17.680	-45.317	-68.135	-80.813
921	9.20	-81.174	-70.641	-53.228	-33.591	-15.072	1.384	16.981	33.670	52.331	71.441
931	9.30	86.939	93.448	86.390	64.117	29.133	-12.180	-51.310	-80.203	-93.726	-91.046
941	9.40	-75.426	-52.565	-28.194	-5.950	13.573	32.245	52.582	75.559	99.133	118.223
951	9.50	126.299	117.966	91.451	49.882	0.726	-46.457	-83.059	-104.034	-109.029	-101.448
961	9.60	-87.308	-70.710	-56.082	-36.919	-17.183	6.767	34.551	63.309	88.609	106.250
971	9.70	114.023	112.537	104.710	94.198	83.563	73.100	60.885	44.014	20.379	-9.861
981	9.80	-43.826	-76.671	-103.168	-119.420	-123.991	-118.081	-104.806	-88.000	-71.042	-56.088
991	9.90	-43.831	-33.685	-24.232	-13.793	-1.054	14.307	31.145	46.746	57.320	59.131

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

INDEX NO. 2026 503-GR-1-90 HB. (HB.) KANNONZAKI MAX. ACC. = 140.015 (GAL) T= 10.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	49.979	30.485	4.522	-21.597	-41.060	-48.964	-44.192	-29.894	-12.229	2.167
1011	10.10	8.957	7.887	2.757	-0.443	3.569	16.718	36.363	56.068	68.050	66.248
1021	10.20	48.753	18.637	-17.067	-49.741	-71.917	-79.374	-71.949	-53.005	-27.961	-2.563
1031	10.30	18.530	32.522	38.592	37.552	31.314	22.350	13.246	6.346	3.459	5.598
1041	10.40	12.775	23.877	36.718	48.302	55.356	55.060	45.851	28.029	3.889	-22.774
1051	10.50	-47.736	-67.635	-80.958	-88.234	-91.260	-91.667	-89.510	-82.689	-67.691	-41.487
1061	10.60	-3.775	41.566	86.740	122.216	140.015	136.752	114.991	82.191	47.666	18.916
1071	10.70	-0.986	-13.610	-23.385	-34.207	-46.911	-58.594	-64.317	-60.228	-46.358	-27.445
1081	10.80	-11.156	-4.479	-10.104	-24.722	-40.258	-47.566	-40.799	-20.284	7.569	33.283
1091	10.90	48.747	50.835	42.408	30.291	21.362	18.872	20.928	21.915	16.023	0.947
1101	11.00	-20.275	-40.333	-51.095	-47.662	-30.915	-7.216	14.582	27.298	28.632	21.836
1111	11.10	13.577	10.163	14.110	22.810	29.926	28.764	15.877	-6.913	-33.038	-53.960
1121	11.20	-62.810	-57.184	-39.860	-17.277	3.365	16.976	22.180	21.137	17.932	16.457
1131	11.30	18.787	24.630	31.879	37.772	40.066	37.748	31.156	21.652	11.098	1.336
1141	11.40	-6.229	-10.937	-13.025	-13.562	-14.093	-16.024	-19.947	-25.210	-30.023	-32.153
1151	11.50	-29.964	-23.338	-13.980	-4.865	0.984	1.861	-1.777	-7.410	-11.517	-11.107
1161	11.60	-5.030	5.542	17.657	27.853	33.525	33.765	29.359	22.064	13.647	5.220
1171	11.70	-2.816	-10.313	-16.780	-21.127	-21.977	-18.429	-10.823	-1.008	8.136	13.807
1181	11.80	14.478	10.595	4.359	-1.350	-4.400	-4.471	-3.186	-3.183	-6.559	-13.460
1191	11.90	-21.574	-26.889	-25.448	-15.344	2.017	22.042	38.542	46.167	42.642	29.797
1201	12.00	12.888	-1.561	-8.470	-6.312	2.339	12.059	17.095	14.031	3.420	-10.376
1211	12.10	-21.076	-23.288	-14.997	1.369	19.762	32.906	35.216	25.028	5.222	-17.978
1221	12.20	-37.460	-47.895	-47.531	-38.478	-25.481	-13.826	-7.278	-6.867	-10.891	-15.975
1231	12.30	-18.644	-16.734	-10.141	-0.713	8.557	14.668	15.675	11.334	3.188	-5.911
1241	12.40	-12.705	-14.582	-10.490	-1.391	9.935	19.747	24.629	22.758	14.656	3.078
1251	12.50	-7.980	-14.793	-15.337	-10.018	-1.385	7.042	12.309	13.218	10.665	6.996
1261	12.60	4.748	5.415	8.837	13.460	17.276	18.901	18.204	16.196	14.258	13.221
1271	12.70	12.800	11.767	8.737	3.160	-4.068	-10.770	-14.379	-13.160	-7.146	1.702
1281	12.80	10.196	15.181	14.757	8.923	-0.587	-11.148	-20.286	-26.456	-29.245	-29.054
1291	12.90	-26.539	-22.198	-16.306	-9.163	-1.426	5.793	11.180	13.760	13.412	11.060
1301	13.00	8.366	7.023	7.958	10.845	14.167	15.855	14.214	8.749	0.518	-8.142
1311	13.10	-14.426	-16.069	-12.189	-3.627	7.295	17.519	24.215	25.633	21.576	13.347
1321	13.20	3.223	-6.354	-13.576	-17.772	-19.441	-19.821	-20.189	-21.190	-22.509	-23.051
1331	13.30	-21.540	-17.285	-10.715	-3.406	2.462	5.110	3.813	-0.530	-5.817	-9.626
1341	13.40	-10.301	-7.699	-3.228	0.869	2.664	1.596	-1.123	-2.950	-1.177	5.724
1351	13.50	17.171	30.415	41.436	46.428	43.277	32.408	16.650	0.205	-12.874	-20.042
1361	13.60	-20.958	-17.279	-11.710	-6.775	-3.848	-2.840	-2.605	-1.830	0.081	2.558
1371	13.70	4.093	3.033	-1.453	-8.744	-16.806	-22.977	-25.140	-22.759	-17.236	-11.365
1381	13.80	-8.064	-8.961	-13.491	-19.000	-21.862	-19.147	-10.079	3.427	17.433	27.595
1391	13.90	30.984	27.290	18.833	9.411	2.546	-0.022	1.115	3.651	4.981	3.641
1401	14.00	0.029	-3.930	-5.964	-4.773	-0.779	4.135	7.717	8.663	7.387	5.788
1411	14.10	6.102	9.472	15.041	20.148	21.589	17.343	7.843	-3.933	-13.685	-17.781
1421	14.20	-15.042	-7.410	0.899	5.357	3.294	-4.800	-15.469	-23.893	-26.111	-20.809
1431	14.30	-9.819	2.844	12.900	17.711	17.262	13.816	10.496	9.569	11.323	14.064
1441	14.40	15.184	12.695	6.428	-1.728	-8.645	-11.423	-8.760	-1.581	7.369	14.737
1451	14.50	17.981	16.353	11.013	4.311	-1.376	-4.674	-5.676	-5.644	-6.210	-8.471
1461	14.60	-12.429	-16.990	-20.493	-21.461	-19.235	-14.217	-7.655	-1.131	4.014	7.048
1471	14.70	7.919	7.052	5.022	2.301	-0.843	-4.260	-7.753	-10.960	-13.361	-14.428
1481	14.80	-13.844	-11.681	-8.433	-4.891	-1.882	-0.000	0.587	0.166	-0.652	-1.156
1491	14.90	-0.777	0.745	3.306	6.495	9.724	12.369	13.910	14.024	12.644	9.986

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

INDEX NO. 2026 503-GR-1-90 HB. (HB.) KANNONZAKI MAX. ACC. = 140.015 (GAL) T= 10.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	6.522	2.920	-0.082	-1.823	-1.866	-0.092	3.283	7.778	12.771	17.614
1511	15.10	21.711	24.533	25.593	24.454	20.793	14.536	6.021	-3.906	-13.938	-22.538
1521	15.20	-28.302	-30.352	-28.600	-23.793	-17.298	-10.689	-5.295	-1.865	-0.454	-0.560
1531	15.30	-1.438	-2.443	-3.272	-4.013	-4.989	-6.496	-8.542	-10.736	-12.365	-12.673
1541	15.40	-11.204	-8.096	-4.155	-0.658	1.089	0.298	-2.871	-7.187	-10.638	-11.086
1551	15.50	-7.069	1.537	13.282	25.481	35.037	39.485	37.854	31.015	21.359	11.908
1561	15.60	5.212	2.454	3.114	5.310	6.661	5.308	0.665	-6.373	-13.820	-19.398
1571	15.70	-21.389	-19.211	-13.528	-5.908	1.779	7.953	11.697	12.837	11.762	9.143
1581	15.80	5.674	1.933	-1.655	-4.789	-7.252	-8.898	-9.654	-9.508	-8.494	-6.672
1591	15.90	-4.137	-1.080	2.155	5.037	6.932	7.283	5.850	2.902	-0.774	-4.065
1601	16.00	-5.892	-5.600	-3.195	0.661	4.902	8.430	10.438	10.542	8.709	5.070
1611	16.10	-0.214	-6.916	-14.549	-22.142	-28.203	-30.989	-29.086	-22.079	-10.993	1.764
1621	16.20	13.039	19.953	20.929	16.278	8.074	-0.657	-7.106	-9.727	-8.729	-5.810
1631	16.30	-3.294	-3.051	-5.674	-10.248	-14.776	-17.043	-15.530	-10.010	-1.622	7.563
1641	16.40	15.269	19.745	20.267	17.271	12.146	6.783	3.016	2.097	4.322	8.892
1651	16.50	14.089	17.749	17.939	13.670	5.361	-5.124	-14.960	-21.244	-21.981	-16.798
1661	16.60	-7.110	4.353	14.463	20.713	21.950	18.561	12.119	4.689	-1.890	-6.473
1671	16.70	-8.705	-8.837	-7.421	-5.084	-2.434	-0.077	1.400	1.539	0.197	-2.284
1681	16.80	-5.102	-7.250	-7.937	-6.977	-4.919	-2.814	-1.688	-1.970	-3.198	-4.173
1691	16.90	-3.551	-0.595	4.293	9.574	13.158	13.339	9.652	3.217	-3.640	-8.349
1701	17.00	-9.229	-6.268	-1.168	3.378	4.881	2.192	-3.943	-11.145	-16.390	-17.273
1711	17.10	-13.027	-4.842	4.619	12.293	15.925	14.898	10.381	4.746	0.550	-0.514
1721	17.20	1.751	6.042	10.164	11.977	10.290	5.342	-1.303	-7.393	-10.889	-10.760
1731	17.30	-7.353	-2.193	2.681	5.565	5.761	3.766	0.933	-1.259	-1.938	-1.255
1741	17.40	-0.241	-0.180	-1.797	-4.686	-7.311	-7.641	-4.172	3.147	12.550	20.925
1751	17.50	24.972	22.591	13.887	1.300	-11.242	-19.822	-22.072	-18.062	-10.181	-2.061
1761	17.60	2.977	3.262	-0.661	-6.456	-11.156	-12.513	-9.918	-4.530	1.389	5.550
1771	17.70	6.606	4.593	0.700	-3.427	-6.456	-7.848	-7.846	-7.083	-6.080	-4.948
1781	17.80	-3.446	-1.316	1.345	3.939	5.589	5.624	4.064	1.807	0.348	1.114
1791	17.90	4.720	10.508	16.646	20.798	21.081	16.912	9.321	0.601	-6.593	-10.298
1801	18.00	-9.988	-6.703	-2.512	0.436	0.841	-1.229	-4.456	-6.918	-6.984	-4.041
1811	18.10	1.255	7.259	12.022	14.044	12.789	8.777	3.264	-2.301	-6.783	-9.636
1821	18.20	-10.880	-10.864	-9.977	-8.474	-6.475	-4.105	-1.637	0.465	1.667	1.589
1831	18.30	0.212	-2.040	-4.432	-6.186	-6.789	-6.177	-4.731	-3.074	-1.799	-1.232
1841	18.40	-1.360	-1.909	-2.523	-2.908	-2.886	-2.349	-1.181	0.741	3.434	6.615
1851	18.50	9.568	11.210	10.419	6.543	-0.124	-8.163	-15.320	-19.231	-18.340	-12.625
1861	18.60	-3.771	5.336	11.647	13.115	9.495	2.424	-5.264	-10.703	-12.135	-9.540
1871	18.70	-4.497	0.638	3.837	4.284	2.649	0.658	0.189	2.343	6.901	12.418
1881	18.80	16.857	18.459	16.440	11.240	4.247	-2.801	-8.448	-11.909	-13.101	-12.392
1891	18.90	-10.263	-7.090	-3.128	1.344	5.866	9.770	12.340	13.081	11.965	9.489
1901	19.00	6.511	3.917	2.284	1.695	1.776	1.944	1.705	0.879	-0.355	-1.590
1911	19.10	-2.412	-2.587	-2.136	-1.292	-0.384	0.262	0.375	-0.253	-1.763	-4.175
1921	19.20	-7.284	-10.582	-13.273	-14.442	-13.365	-9.831	-4.351	1.899	7.399	10.774
1931	19.30	11.273	9.024	4.978	0.549	-2.877	-4.379	-3.707	-1.229	2.327	6.178
1941	19.40	9.698	12.478	14.256	14.825	14.002	11.699	8.056	3.515	-1.213	-5.344
1951	19.50	-8.276	-9.801	-10.154	-9.859	-9.443	-9.162	-8.864	-8.091	-6.347	-3.434
1961	19.60	0.346	4.207	7.140	8.296	7.329	4.542	0.776	-2.907	-5.607	-6.866
1971	19.70	-6.758	-5.761	-4.499	-3.490	-2.983	-2.950	-3.184	-3.438	-3.526	-3.368
1981	19.80	-2.857	-2.017	-0.793	0.821	2.743	4.778	6.645	8.057	8.817	8.879
1991	19.90	8.321	7.259	5.744	3.717	1.060	-2.246	-5.964	-9.504	-12.004	-12.583

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

INDEX NO. 2026 503-GR-1-90 HB. (HB.) KANNONZAKI MAX. ACC. = 140.015 (GAL) T= 10.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-10.687	-6.402	-0.564	5.396	9.863	11.556	9.978	5.601	-0.270	-5.931
2011	20.10	-9.827	-11.038	-9.510	-5.987	-1.677	2.184	4.725	5.631	5.134	3.808
2021	20.20	2.319	1.202	0.747	1.005	1.854	3.085	4.454	5.706	6.573	6.802
2031	20.30	6.208	4.738	2.534	-0.074	-2.638	-4.713	-5.999	-6.429	-6.179	-5.596
2041	20.40	-5.056	-4.828	-4.976	-5.337	-5.587	-5.347	-4.310	-2.338	0.498	3.923
2051	20.50	7.522	10.816	13.352	14.777	14.885	13.647	11.208	7.866	4.026	0.153
2061	20.60	-3.291	-5.899	-7.375	-7.580	-6.558	-4.542	-1.932	0.772	3.059	4.520
2071	20.70	4.940	4.354	3.035	1.425	0.006	-0.823	-0.861	-0.147	1.063	2.371
2081	20.80	3.358	3.686	3.186	1.888	0.004	-2.123	-4.110	-5.626	-6.471	-6.633
2091	20.90	-6.276	-5.688	-5.165	-4.893	-4.849	-4.794	-4.355	-3.200	-1.233	1.271
2101	21.00	3.658	5.069	4.725	2.253	-2.092	-7.414	-12.405	-15.756	-16.596	-14.813
2111	21.10	-11.095	-6.686	-2.930	-0.775	-0.443	-1.383	-2.542	-2.826	-1.575	1.159
2121	21.20	4.633	7.736	9.461	9.340	7.641	5.256	3.317	2.695	3.616	5.524
2131	21.30	7.290	7.661	5.780	1.568	-4.188	-10.086	-14.590	-16.567	-15.658	-12.355
2141	21.40	-7.761	-3.137	0.563	2.995	4.446	5.577	7.026	9.048	11.355	13.230
2151	21.50	13.854	12.694	9.778	5.723	1.506	-1.912	-3.944	-4.553	-4.169	-3.416
2161	21.60	-2.774	-2.353	-1.896	-0.980	0.676	2.975	5.412	7.258	7.888	7.060
2171	21.70	5.033	2.433	-0.048	-1.959	-3.258	-4.238	-5.266	-6.481	-7.621	-8.099
2181	21.80	-7.300	-4.950	-1.364	2.577	5.735	7.193	6.651	4.578	2.014	0.113
2191	21.90	-0.365	0.616	2.370	3.806	3.927	2.269	-0.904	-4.714	-8.029	-9.899
2201	22.00	-9.878	-8.126	-5.276	-2.165	0.463	2.150	2.797	2.615	2.013	1.462
2211	22.10	1.371	1.978	3.261	4.907	6.362	6.977	6.241	4.005	0.619	-3.119
2221	22.20	-6.190	-7.709	-7.249	-5.013	-1.760	1.474	3.750	4.527	3.789	1.944
2231	22.30	-0.406	-2.712	-4.629	-6.007	-6.795	-6.922	-6.274	-4.768	-2.479	0.270
2241	22.40	2.947	4.988	6.020	6.026	5.345	4.485	3.848	3.503	3.142	2.268
2251	22.50	0.518	-2.040	-4.810	-6.848	-7.270	-5.685	-2.459	1.365	4.447	5.708
2261	22.60	4.789	2.206	-0.870	-3.116	-3.622	-2.257	0.324	3.008	4.741	4.981
2271	22.70	3.891	2.197	0.811	0.396	1.093	2.508	3.956	4.814	4.801	4.068
2281	22.80	3.065	2.276	1.966	2.072	2.271	2.190	1.618	0.616	-0.525	-1.460
2291	22.90	-1.985	-2.147	-2.209	-2.490	-3.157	-4.100	-4.947	-5.223	-4.581	-2.982
2301	23.00	-0.746	1.566	3.375	4.311	4.338	3.727	2.894	2.186	1.730	1.400
2311	23.10	0.933	0.108	-1.087	-2.390	-3.342	-3.468	-2.485	-0.443	2.253	4.958
2321	23.20	6.988	7.827	7.271	5.464	2.824	-0.094	-2.758	-4.780	-5.976	-6.369
2331	23.30	-6.133	-5.522	-4.798	-4.170	-3.764	-3.617	-3.691	-3.901	-4.152	-4.369
2341	23.40	-4.518	-4.604	-4.659	-4.715	-4.773	-4.789	-4.664	-4.269	-3.481	-2.240
2351	23.50	-0.589	1.294	3.113	4.511	5.169	4.907	3.761	2.004	0.079	-1.528
2361	23.60	-2.432	-2.475	-1.763	-0.605	0.608	1.563	2.129	2.380	2.522	2.771
2371	23.70	3.234	3.851	4.431	4.744	4.639	4.119	3.334	2.516	1.874	1.516
2381	23.80	1.434	1.547	1.771	2.074	2.471	2.978	3.536	3.974	4.048	3.536
2391	23.90	2.377	0.748	-0.938	-2.163	-2.497	-1.793	-0.281	1.485	2.812	3.126
2401	24.00	2.192	0.214	-2.232	-4.410	-5.688	-5.761	-4.748	-3.139	-1.602	-0.752
2411	24.10	-0.944	-2.175	-4.102	-6.168	-7.781	-8.478	-8.040	-6.520	-4.209	-1.550
2421	24.20	0.972	2.928	4.023	4.144	3.377	1.977	0.316	-1.205	-2.243	-2.597
2431	24.30	-2.253	-1.375	-0.256	0.787	1.488	1.715	1.487	0.943	0.282	-0.309
2441	24.40	-0.696	-0.815	-0.652	-0.214	0.491	1.440	2.577	3.777	4.847	5.556
2451	24.50	5.697	5.169	4.025	2.473	0.826	-0.596	-1.564	-2.000	-1.983	-1.705
2461	24.60	-1.384	-1.186	-1.180	-1.336	-1.561	-1.750	-1.828	-1.762	-1.564	-1.265
2471	24.70	-0.906	-0.534	-0.206	0.000	0.000	-0.279	-0.862	-1.694	-2.633	-3.471
2481	24.80	-3.977	-3.965	-3.352	-2.184	-0.642	1.002	2.448	3.439	3.823	3.588
2491	24.90	2.857	1.857	0.860	0.109	-0.229	-0.102	0.435	1.251	2.187	3.101

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

INDEX NO. 2026 503-GR-1-90 HB. (HB.) KANNONZAKI MAX. ACC. = 140.015 (GAL) T= 10.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.898	4.531	4.985	5.246	5.275	5.009	4.368	3.304	1.832	0.066
2511	25.10	-1.780	-3.422	-4.567	-4.991	-4.611	-3.530	-2.021	-0.473	0.725	1.297
2521	25.20	1.165	0.472	-0.478	-1.343	-1.884	-2.066	-2.079	-2.255	-2.918	-4.215
2531	25.30	-6.010	-7.882	-9.232	-9.484	-8.274	-5.594	-1.809	2.430	6.356	9.282
2541	25.40	10.750	10.608	9.013	6.358	3.184	0.061	-2.504	-4.155	-4.738	-4.322
2551	25.50	-3.170	-1.659	-0.181	0.970	1.659	1.924	1.912	1.793	1.675	1.562
2561	25.60	1.389	1.089	0.676	0.280	0.117	0.396	1.212	2.464	3.858	4.989
2571	25.70	5.482	5.127	3.954	2.226	0.338	-1.324	-2.508	-3.169	-3.443	-3.562
2581	25.80	-3.734	-4.037	-4.372	-4.501	-4.133	-3.049	-1.209	1.208	3.828	6.193
2591	25.90	7.889	8.671	8.522	7.628	6.286	4.776	3.271	1.816	0.387	-1.002
2601	26.00	-2.216	-2.989	-3.024	-2.158	-0.526	1.388	2.859	3.178	1.952	-0.664
2611	26.10	-3.952	-6.850	-8.347	-7.902	-5.696	-2.600	0.149	1.438	0.731	-1.704
2621	26.20	-4.899	-7.583	-8.693	-7.798	-5.237	-1.950	0.942	2.594	2.745	1.753
2631	26.30	0.351	-0.724	-1.079	-0.807	-0.384	-0.391	-1.180	-2.675	-4.380	-5.589
2641	26.40	-5.699	-4.489	-2.216	0.477	2.818	4.197	4.378	3.540	2.168	0.832
2651	26.50	-0.020	-0.187	0.282	1.183	2.277	3.388	4.429	5.363	6.146	6.700
2661	26.60	6.927	6.771	6.280	5.616	5.008	4.644	4.564	4.603	4.439	3.723
2671	26.70	2.260	0.139	-2.238	-4.271	-5.372	-5.204	-3.836	-1.747	0.320	1.625
2681	26.80	1.685	0.443	-1.730	-4.192	-6.265	-7.466	-7.637	-6.929	-5.682	-4.249
2691	26.90	-2.858	-1.567	-0.320	0.944	2.184	3.219	3.776	3.595	2.559	0.758
2701	27.00	-1.507	-3.807	-5.712	-6.896	-7.212	-6.688	-5.482	-3.817	-1.922	-0.000
2711	27.10	1.778	3.276	4.385	5.038	5.219	4.973	4.395	3.610	2.743	1.894
2721	27.20	1.126	0.460	-0.118	-0.648	-1.191	-1.820	-2.594	-3.528	-4.560	-5.530
2731	27.30	-6.193	-6.277	-5.562	-3.977	-1.648	1.101	3.820	6.040	7.397	7.715
2741	27.40	7.024	5.526	3.510	1.273	-0.940	-2.946	-4.612	-5.823	-6.460	-6.411
2751	27.50	-5.603	-4.046	-1.876	0.641	3.132	5.180	6.419	6.625	5.796	4.177
2761	27.60	2.230	0.527	-0.402	-0.229	1.057	3.124	5.389	7.192	8.010	7.626
2771	27.70	6.185	4.123	1.987	0.233	-0.931	-1.583	-1.999	-2.484	-3.209	-4.119
2781	27.80	-4.957	-5.392	-5.183	-4.297	-2.940	-1.472	-0.253	0.499	0.795	0.844
2791	27.90	0.951	1.359	2.136	3.131	4.032	4.492	4.267	3.318	1.832	0.156
2801	28.00	-1.325	-2.321	-2.725	-2.632	-2.271	-1.885	-1.618	-1.437	-1.157	-0.535
2811	28.10	0.577	2.105	3.710	4.857	4.993	3.774	1.230	-2.181	-5.683	-8.427
2821	28.20	-9.765	-9.467	-7.789	-5.359	-2.947	-1.197	-0.438	-0.624	-1.427	-2.410
2831	28.30	-3.208	-3.636	-3.704	-3.533	-3.259	-2.945	-2.562	-2.021	-1.239	-0.198
2841	28.40	1.033	2.305	3.428	4.205	4.473	4.129	3.162	1.678	-0.090	-1.804
2851	28.50	-3.083	-3.605	-3.213	-1.982	-0.210	1.665	3.210	4.137	4.382	4.097
2861	28.60	3.561	3.048	2.714	2.560	2.462	2.267	1.873	1.285	0.592	-0.092
2871	28.70	-0.694	-1.217	-1.718	-2.240	-2.753	-3.126	-3.173	-2.737	-1.796	-0.515
2881	28.80	0.772	1.680	1.913	1.408	0.381	-0.724	-1.394	-1.237	-0.148	1.643
2891	28.90	3.633	5.229	5.957	5.628	4.395	2.676	0.989	-0.239	-0.790	-0.683
2901	29.00	-0.082	0.829	1.951	3.285	4.847	6.542	8.081	8.996	8.801	7.219
2911	29.10	4.385	0.912	-2.248	-4.113	-4.032	-1.962	1.487	5.242	8.148	9.369
2921	29.20	8.660	6.400	3.385	0.499	-1.618	-2.745	-3.069	-3.010	-2.989	-3.252
2931	29.30	-3.810	-4.504	-5.130	-5.560	-5.781	-5.877	-5.948	-6.050	-6.170	-6.250
2941	29.40	-6.228	-6.084	-5.837	-5.534	-5.213	-4.893	-4.580	-4.282	-4.023	-3.836
2951	29.50	-3.741	-3.725	-3.744	-3.747	-3.714	-3.675	-3.692	-3.806	-3.986	-4.097
2961	29.60	-3.940	-3.337	-2.236	-0.766	0.785	2.071	2.832	2.992	2.682	2.164
2971	29.70	1.704	1.472	1.509	1.787	2.300	3.118	4.357	6.047	7.998	9.737
2981	29.80	10.601	9.989	7.659	3.945	-0.250	-3.716	-5.366	-4.670	-1.883	2.022
2991	29.90	5.725	8.050	8.398	6.920	4.381	1.789	-0.033	-0.743	-0.533	0.057

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

INDEX NO. 2026 503-GR-1-90 HB. (HB.) KANNONZAKI MAX. ACC. = 140.015 (GAL) T= 10.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.447	0.296	-0.382	-1.286	-2.023	-2.329	-2.186	-1.810	-1.522	-1.590
3011	30.10	-2.108	-2.976	-3.953	-4.763	-5.186	-5.096	-4.479	-3.400	-1.986	-0.419
3021	30.20	1.078	2.262	2.924	2.942	2.332	1.250	-0.054	-1.313	-2.319	-2.967
3031	30.30	-3.248	-3.207	-2.888	-2.315	-1.504	-0.493	0.616	1.668	2.491	2.964
3041	30.40	3.073	2.915	2.661	2.477	2.452	2.559	2.685	2.687	2.466	2.009
3051	30.50	1.383	0.687	-0.001	-0.657	-1.304	-1.975	-2.667	-3.322	-3.843	-4.148
3061	30.60	-4.213	-4.101	-3.939	-3.861	-3.947	-4.183	-4.471	-4.676	-4.691	-4.491
3071	30.70	-4.139	-3.754	-3.450	-3.280	-3.215	-3.152	-2.968	-2.565	-1.906	-1.019
3081	30.80	0.033	1.185	2.403	3.682	5.029	6.426	7.801	9.015	9.887	10.235
3091	30.90	9.935	8.970	7.445	5.577	3.644	1.917	0.597	-0.227	-0.587	-0.604
3101	31.00	-0.434	-0.216	-0.032	0.102	0.214	0.338	0.484	0.622	0.699	0.663
3111	31.10	0.498	0.241	-0.025	-0.202	-0.207	-0.007	0.377	0.878	1.404	1.873
3121	31.20	2.225	2.434	2.506	2.469	2.365	2.236	2.117	2.025	1.954	1.883
3131	31.30	1.788	1.664	1.541	1.486	1.583	1.890	2.410	3.063	3.702	4.163
3141	31.40	4.322	4.145	3.703	3.135	2.568	2.148	1.806	1.468	1.010	0.335
3151	31.50	-0.573	-1.653	-2.801	-3.926	-4.983	-5.981	-6.945	-7.869	-8.692	-9.307
3161	31.60	-9.608	-9.549	-9.172	-8.592	-7.935	-7.274	-6.584	-5.770	-4.737	-3.482
3171	31.70	-2.147	-0.990	-0.294	-0.236	-0.787	-1.704	-2.610	-3.147	-3.109	-2.510
3181	31.80	-1.547	-0.488	0.458	1.209	1.802	2.299	2.689	2.849	2.590	1.781
3191	31.90	0.478	-1.023	-2.256	-2.752	-2.243	-0.797	1.188	3.138	4.527	5.082
3201	32.00	4.860	4.178	3.428	2.883	2.585	2.374	2.024	1.413	0.626	-0.071
3211	32.10	-0.362	-0.067	0.746	1.756	2.537	2.729	2.230	1.230	0.128	-0.645
3221	32.20	-0.818	-0.378	0.446	1.314	1.933	2.180	2.123	1.956	1.671	1.956
3231	32.30	2.151	2.289	2.183	1.719	0.906	-0.133	-1.212	-2.163	-2.879	-3.340
3241	32.40	-3.583	-3.669	-3.645	-3.521	-3.276	-2.882	-2.330	-1.660	-0.977	-0.441
3251	32.50	-0.236	-0.511	-1.321	-2.576	-4.028	-5.324	-6.094	-6.072	-5.188	-3.595
3261	32.60	-1.619	0.355	2.016	3.221	4.011	4.548	5.005	5.461	5.865	6.064
3271	32.70	5.894	5.281	4.299	3.155	2.114	1.398	1.102	1.172	1.437	1.680
3281	32.80	1.714	1.425	0.787	-0.157	-1.316	-2.563	-3.745	-4.680	-5.193	-5.150
3291	32.90	-4.518	-3.398	-2.023	-0.702	0.263	0.667	0.464	-0.232	-1.189	-2.147
3301	33.00	-2.888	-3.302	-3.394	-3.265	-3.065	-2.938	-2.983	-3.219	-3.581	-3.930
3311	33.10	-4.087	-3.883	-3.212	-2.076	-0.599	0.997	2.451	3.539	4.138	4.260
3321	33.20	4.040	3.683	3.396	3.332	3.548	4.009	4.605	5.189	5.618	5.783
3331	33.30	5.637	5.206	4.585	3.913	3.322	2.887	2.592	2.330	1.957	1.375
3341	33.40	0.608	-0.163	-0.648	-0.557	0.260	1.713	3.462	5.018	5.918	5.898
3351	33.50	5.002	3.551	2.005	0.776	0.062	-0.203	-0.282	-0.477	-0.971	-1.738
3361	33.60	-2.567	-3.178	-3.383	-3.186	-2.796	-2.538	-2.705	-3.426	-4.614	-5.998
3371	33.70	-7.239	-8.055	-8.318	-8.068	-7.476	-6.755	-6.081	-5.540	-5.118	-4.732
3381	33.80	-4.264	-3.611	-2.717	-1.603	-0.373	0.799	1.705	2.173	2.130	1.662
3391	33.90	1.008	0.505	0.482	1.134	2.440	4.154	5.882	7.211	7.858	7.752
3401	34.00	7.047	6.040	5.051	4.303	3.862	3.651	3.519	3.339	3.078	2.813
3411	34.10	2.692	2.847	3.318	4.002	4.664	4.996	4.720	3.683	1.923	-0.317
3421	34.20	-2.645	-4.620	-5.879	-6.233	-5.725	-4.606	-3.254	-2.051	-1.274	-1.022
3431	34.30	-1.221	-1.678	-2.179	-2.571	-2.806	-2.932	-3.048	-3.237	-3.533	-3.908
3441	34.40	-4.297	-4.630	-4.859	-4.952	-4.883	-4.612	-4.081	-3.241	-2.089	-0.699
3451	34.50	0.775	2.124	3.143	3.679	3.677	3.175	2.290	1.178	0.009	-1.046
3461	34.60	-1.822	-2.173	-1.999	-1.290	-0.156	1.170	2.378	3.171	3.361	2.961
3471	34.70	2.089	1.100	0.271	-0.209	-0.321	-0.196	-0.035	0.006	-0.100	-0.243
3481	34.80	-0.224	0.132	0.879	1.904	2.944	3.681	3.849	3.325	2.172	0.611
3491	34.90	-1.046	-2.482	-3.650	-3.820	-3.586	-2.864	-1.849	-0.784	0.098	0.625

Table 7-18-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 2026 503-GR-1-90 HB. (HB.) KANNONZAKI MAX. ACC. = 140.015 (GAL) T= 10.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.723	0.446	-0.051	-0.554	-0.866	-0.877	-0.601	-0.158	0.273	0.542
3511	35.10	0.586	0.455	0.286	0.221	0.353	0.657	1.005	1.210	1.111	0.643
3521	35.20	-0.130	-1.029	-1.825	-2.308	-2.360	-1.977	-1.261	-0.371	0.525	1.297
3531	35.30	1.868	2.216	2.350	2.293	2.063	1.678	1.157	0.527	-0.175	-0.900
3541	35.40	-1.599	-2.221	-2.717	-3.035	-3.121	-2.925	-2.615	-1.598	-0.534	0.665
3551	35.50	1.848	2.855	3.558	3.885	3.834	3.463	2.869	2.158	1.425	0.741
3561	35.60	0.157	-0.300	-0.629	-0.863	-1.070	-1.352	-1.810	-2.508	-3.425	-4.437
3571	35.70	-5.333	-5.876	-5.881	-5.288	-4.194	-2.823	-1.448	-0.292	0.551	1.132
3581	35.80	1.610	2.156	2.871	3.729	4.587	5.253	5.574	5.506	5.128	4.608
3591	35.90	4.118	3.766	3.553	3.384	3.133	2.706	2.099	1.396	0.740	0.263
3601	36.00	0.031	0.009	0.077	0.067	-0.175	-0.735	-1.603	-2.670	-3.753	-4.642
3611	36.10	-5.143	-5.134	-4.595	-3.616	-2.383	-1.130	-0.077	0.624	0.920	0.861
3621	36.20	0.560	0.139	-0.315	-0.774	-1.245	-1.736	-2.211	-2.573	-2.685	-2.423
3631	36.30	-1.737	-0.688	0.554	1.761	2.721	3.310	3.523	3.464	3.287	3.128
3641	36.40	3.054	3.043	3.008	2.849	2.502	1.974	1.340	0.721	0.237	-0.028
3651	36.50	-0.054	0.118	0.395	0.663	0.818	0.788	0.553	0.148	-0.350	-0.843
3661	36.60	-1.249	-1.522	-1.673	-1.760	-1.862	-2.045	-2.329	-2.670	-2.970	-3.110
3671	36.70	-2.987	-2.554	-1.845	-0.965	-0.075	0.649	1.056	1.059	0.658	-0.048
3681	36.80	-0.874	-1.588	-1.961	-1.838	-1.185	-0.111	1.154	2.326	3.148	3.477
3691	36.90	3.317	2.805	2.148	1.537	1.075	0.755	0.489	0.168	-0.264	-0.776
3701	37.00	-1.266	-1.610	-1.731	-1.641	-1.441	-1.273	-1.257	-1.426	-1.722	-2.014
3711	37.10	-2.167	-2.098	-1.805	-1.361	-0.865	-0.397	0.014	0.392	0.781	1.201
3721	37.20	1.626	1.982	2.178	2.143	1.863	1.386	0.808	0.238	-0.233	-0.555
3731	37.30	-0.721	-0.758	-0.711	-0.631	-0.562	-0.539	-0.578	-0.674	-0.805	-0.936
3741	37.40	-1.038	-1.103	-1.143	-1.179	-1.221	-1.238	-1.160	-0.905	-0.424	0.247
3751	37.50	0.971	1.536	1.732	1.449	0.743	-0.153	-0.906	-1.209	-0.904	-0.065
3761	37.60	1.034	2.016	2.559	2.520	1.981	1.202	0.493	0.082	0.031	0.233
3771	37.70	0.499	0.672	0.712	0.720	0.873	1.324	2.106	3.094	4.040	4.668
3781	37.80	4.773	4.295	3.328	2.070	0.752	-0.436	-1.377	-2.035	-2.427	-2.602
3791	37.90	-2.626	-2.577	-2.540	-2.592	-2.773	-3.064	-3.373	-3.564	-3.505	-3.133
3801	38.00	-2.486	-1.705	-0.976	-0.452	-0.186	-0.097	-0.006	0.288	0.917	1.674
3811	38.10	3.003	4.044	4.722	4.838	4.330	3.286	1.906	0.438	-0.891	-1.928
3821	38.20	-2.614	-2.978	-3.107	-3.116	-3.112	-3.161	-3.277	-3.416	-3.493	-3.413
3831	38.30	-3.108	-2.567	-1.855	-1.092	-0.421	0.045	0.261	0.265	0.158	0.066
3841	38.40	0.082	0.239	0.498	0.774	0.981	1.066	1.031	0.929	0.832	0.806
3851	38.50	0.885	1.067	1.329	1.645	1.994	2.360	2.717	3.022	3.208	3.210
3861	38.60	2.985	2.547	1.968	1.366	0.861	0.526	0.363	0.304	0.247	0.110
3871	38.70	-0.119	-0.374	-0.530	-0.669	-0.139	0.606	1.011	1.474	1.619	1.364
3881	38.80	0.748	-0.087	-0.962	-1.725	-2.302	-2.704	-2.990	-3.216	-3.388	-3.654
3891	38.90	-3.330	-2.951	-2.314	-1.498	-0.642	0.108	0.646	0.945	1.053	1.053
3901	39.00	1.025	1.002	0.971	0.891	0.726	0.481	0.197	-0.060	-0.238	-0.328
3911	39.10	-0.365	-0.419	-0.554	-0.801	-1.143	-1.524	-1.876	-2.143	-2.300	-2.348
3921	39.20	-2.298	-2.160	-1.931	-1.608	-1.205	-0.760	-0.340	-0.014	0.174	0.227
3931	39.30	0.198	0.172	0.225	0.393	0.655	0.944	1.179	1.308	1.332	1.304
3941	39.40	1.303	1.390	1.579	1.817	2.010	2.054	1.886	1.508	0.990	0.449
3951	39.50	0.009	-0.235	-0.245	-0.041	0.315	0.739	1.151	1.493	1.733	1.868
3961	39.60	1.919	1.919	1.909	1.926	1.994	2.119	2.280	2.442	2.562	2.601
3971	39.70	2.540	2.381	2.149	1.875	1.591	1.317	1.059	0.810	0.554	0.275
3981	39.80	-0.043	-0.411	-0.833	-1.304	-1.801	-2.286	-2.704	-2.995	-3.115	-3.048
3991	39.90	-2.818	-2.490	-2.148	-1.875	-1.722	-1.695	-1.758	-1.848	-1.901	-1.878

Table 7-18-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 2026 503-GR-1-90 HB. (HB.) KANNONZAKI MAX. ACC. = 140.015 (GAL) T= 10.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.777	-1.630	-1.483	-1.382	-1.350	-1.383	-1.461	-1.553	-1.638	-1.707
4011	40.10	-1.766	-1.823	-1.881	-1.934	-1.964	-1.948	-1.867	-1.708	-1.475	-1.181
4021	40.20	-0.847	-0.499	-0.161	0.150	0.426	0.671	0.895	1.115	1.342	1.574
4031	40.30	1.795	1.976	2.086	2.107	2.042	1.917	1.777	1.665	1.613	1.629
4041	40.40	1.699	1.798	1.905	2.010	2.112	2.213	2.308	2.376	2.389	2.323
4051	40.50	2.176	1.969	1.743	1.543	1.390	1.276	1.162	1.007	0.787	0.520
4061	40.60	0.262	0.085	0.046	0.152	0.354	0.562	0.682	0.652	0.472	0.198
4071	40.70	-0.082	-0.288	-0.380	-0.372	-0.314	-0.269	-0.282	-0.363	-0.491	-0.631
4081	40.80	-0.758	-0.865	-0.965	-1.079	-1.218	-1.377	-1.539	-1.683	-1.801	-1.898
4091	40.90	-1.993	-2.103	-2.234	-2.376	-2.506	-2.604	-2.658	-2.677	-2.682	-2.700
4101	41.00	-2.751	-2.843	-2.967	-3.096	-3.190	-3.198	-3.058	-2.717	-2.139	-1.338
4111	41.10	-0.384	0.589	1.413	1.922	2.004	1.639	0.904	-0.042	-1.010	-1.824
4121	41.20	-2.364	-2.575	-2.460	-2.057	-1.425	-0.635	0.225	1.048	1.722	2.159
4131	41.30	2.329	2.286	2.161	2.123	2.317	2.792	3.480	4.203	4.745	4.928
4141	41.40	4.684	4.078	3.280	2.493	1.878	1.504	1.338	1.281	1.225	1.102
4151	41.50	0.904	0.673	0.471	0.344	0.311	0.362	0.473	0.622	0.784	0.930
4161	41.60	1.013	0.978	0.776	0.403	-0.086	-0.571	-0.904	-0.964	-0.707	-0.195
4171	41.70	0.419	0.949	1.248	1.258	1.029	0.688	0.378	0.194	0.149	0.182
4181	41.80	0.198	0.127	-0.044	-0.262	-0.444	-0.522	-0.486	-0.393	-0.345	-0.445
4191	41.90	-0.752	-1.256	-1.889	-2.553	-3.162	-3.668	-4.067	-4.378	-4.615	-4.764
4201	42.00	-4.774	-4.585	-4.155	-3.491	-2.674	-1.839	-1.152	-0.758	-0.737	-1.080
4211	42.10	-1.679	-2.362	-2.930	-3.214	-3.121	-2.652	-1.903	-1.027	-0.191	0.478
4221	42.20	0.924	1.165	1.281	1.366	1.497	1.703	1.966	2.234	2.457	2.607
4231	42.30	2.693	2.750	2.816	2.916	3.039	3.153	3.213	3.186	3.066	2.877
4241	42.40	2.662	2.468	2.328	2.259	2.257	2.311	2.403	2.516	2.631	2.727
4251	42.50	2.783	2.779	2.702	2.554	2.344	2.088	1.801	1.488	1.152	0.797
4261	42.60	0.434	0.080	-0.241	-0.517	-0.752	-0.969	-1.201	-1.471	-1.780	-2.095
4271	42.70	-2.359	-2.515	-2.525	-2.392	-2.159	-1.890	-1.649	-1.476	-1.377	-1.328
4281	42.80	-1.295	-1.244	-1.162	-1.051	-0.926	-0.807	-0.711	-0.652	-0.644	-0.695
4291	42.90	-0.807	-0.971	-1.161	-1.341	-1.476	-1.542	-1.526	-1.422	-1.221	-0.900
4301	43.00	-0.428	0.205	0.959	1.725	2.327	2.569	2.310	1.536	0.392	-0.835
4311	43.10	-1.801	-2.224	-1.988	-1.190	-0.113	0.874	1.438	1.395	0.753	-0.312
4321	43.20	-1.530	-2.629	-3.411	-3.779	-3.728	-3.318	-2.643	-1.821	-0.984	-0.278
4331	43.30	0.168	0.270	0.033	-0.439	-0.960	-1.325	-1.376	-1.060	-0.448	0.299
4341	43.40	0.999	1.517	1.808	1.919	1.954	2.012	2.147	2.349	2.559	2.706
4351	43.50	2.741	2.657	2.486	2.283	2.098	1.964	1.887	1.856	1.844	1.826
4361	43.60	1.783	1.711	1.618	1.526	1.459	1.426	1.410	1.367	1.238	0.975
4371	43.70	0.574	0.090	-0.379	-0.730	-0.913	-0.961	-0.989	-1.146	-1.532	-2.130
4381	43.80	-2.786	-3.251	-3.286	-2.774	-1.794	-0.612	0.413	0.966	0.905	0.317
4391	43.90	-0.520	-1.256	-1.609	-1.466	-0.911	-0.155	0.566	1.095	1.403	1.564
4401	44.00	1.686	1.835	1.992	2.069	1.964	1.625	1.094	0.489	-0.043	-0.392
4411	44.10	-0.531	-0.520	-0.472	-0.495	-0.644	-0.908	-1.220	-1.500	-1.691	-1.783
4421	44.20	-1.808	-1.820	-1.866	-1.965	-2.106	-2.255	-2.369	-2.415	-2.377	-2.262
4431	44.30	-2.094	-1.908	-1.741	-1.618	-1.542	-1.493	-1.432	-1.317	-1.119	-0.843
4441	44.40	-0.523	-0.212	0.047	0.238	0.388	0.551	0.785	1.115	1.518	1.918
4451	44.50	2.216	2.327	2.215	1.903	1.466	0.999	0.583	0.260	0.035	-0.117
4461	44.60	-0.220	-0.286	-0.307	-0.264	-0.142	0.057	0.311	0.587	0.849	1.065
4471	44.70	1.214	1.276	1.229	1.053	0.744	0.321	-0.151	-0.573	-0.825	-0.812
4481	44.80	-0.493	0.089	0.810	1.499	1.992	2.185	2.066	1.720	1.288	0.911
4491	44.90	0.675	0.581	0.557	0.500	0.330	0.035	-0.324	-0.646	-0.841	-0.879

Table 7-18-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2026 503-GR-1-90 HB. (HB.) KANNONZAKI MAX. ACC. = 140.015 (GAL) T= 10.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.810	-0.737	-0.762	-0.926	-1.181	-1.409	-1.479	-1.318	-0.954	-0.505
4511	45.10	-0.124	0.086	0.126	0.109	0.194	0.499	1.016	1.599	2.013	2.053
4521	45.20	1.649	0.917	0.121	-0.438	-0.563	-0.249	0.319	0.856	1.118	1.022
4531	45.30	0.678	0.322	0.186	0.372	0.785	1.179	1.278	0.912	0.107	-0.919
4541	45.40	-1.852	-2.419	-2.495	-2.134	-1.521	-0.866	-0.315	0.091	0.386	0.615
4551	45.50	0.770	0.777	0.548	0.047	-0.643	-1.323	-1.746	-1.718	-1.188	-0.267
4561	45.60	0.728	1.571	2.042	2.089	1.804	1.358	0.905	0.519	0.184	-0.163
4571	45.70	-0.567	-1.004	-1.377	-1.559	-1.460	-1.079	-0.514	0.075	0.524	0.724
4581	45.80	0.653	0.362	-0.058	-0.514	-0.930	-1.248	-1.416	-1.381	-1.097	-0.559
4591	45.90	0.183	1.002	1.727	2.183	2.248	1.890	1.176	0.244	-0.738	-1.624
4601	46.00	-2.308	-2.733	-2.881	-2.759	-2.392	-1.830	-1.148	-0.437	0.213	0.734
4611	46.10	1.105	1.338	1.462	1.488	1.390	1.113	0.613	-0.092	-0.889	-1.573
4621	46.20	-1.902	-1.686	-0.870	0.423	1.915	3.261	4.157	4.442	4.134	3.406
4631	46.30	2.501	1.641	0.955	0.468	0.130	-0.122	-0.319	-0.440	-0.441	-0.293
4641	46.40	-0.021	0.293	0.535	0.613	0.497	0.236	-0.071	-0.316	-0.437	-0.444
4651	46.50	-0.408	-0.427	-0.574	-0.868	-1.269	-1.697	-2.076	-2.361	-2.549	-2.665
4661	46.60	-2.741	-2.788	-2.790	-2.718	-2.548	-2.278	-1.938	-1.574	-1.233	-0.947
4671	46.70	-0.725	-0.565	-0.463	-0.427	-0.467	-0.583	-0.750	-0.910	-0.981	-0.889
4681	46.80	-0.599	-0.134	0.427	0.977	1.424	1.725	1.907	2.042	2.211	2.458
4691	46.90	2.756	3.015	3.119	2.974	2.566	1.978	1.370	0.924	0.775	0.957
4701	47.00	1.381	1.866	2.204	2.233	1.902	1.281	0.536	-0.146	-0.626	-0.878
4711	47.10	-0.985	-1.106	-1.396	-1.932	-2.666	-3.435	-4.015	-4.210	-3.926	-3.217
4721	47.20	-2.260	-1.294	-0.531	-0.087	0.047	-0.015	-0.120	-0.142	-0.032	0.179
4731	47.30	0.404	0.553	0.580	0.498	0.370	0.270	0.247	0.306	0.412	0.509
4741	47.40	0.553	0.531	0.465	0.395	0.357	0.372	0.433	0.518	0.602	0.668
4751	47.50	0.714	0.746	0.777	0.812	0.856	0.906	0.960	1.012	1.057	1.081
4761	47.60	1.071	1.012	0.900	0.744	0.569	0.410	0.298	0.255	0.287	0.387
4771	47.70	0.541	0.733	0.940	1.133	1.272	1.305	1.186	0.891	0.442	-0.096
4781	47.80	-0.619	-1.017	-1.210	-1.172	-0.937	-0.587	-0.216	0.103	0.333	0.473
4791	47.90	0.542	0.548	0.480	0.303	-0.024	-0.523	-1.180	-1.936	-2.698	-3.363
4801	48.00	-3.839	-4.060	-4.001	-3.677	-3.136	-2.457	-1.734	-1.064	-0.525	-0.160
4811	48.10	0.036	0.112	0.142	0.195	0.309	0.477	0.653	0.778	0.806	0.733
4821	48.20	0.587	0.418	0.261	0.116	-0.058	-0.320	-0.716	-1.240	-1.822	-2.340
4831	48.30	-2.659	-2.674	-2.350	-1.736	-0.947	-0.128	0.587	1.110	1.413	1.518
4841	48.40	1.475	1.339	1.145	0.911	0.643	0.351	0.068	-0.144	-0.208	-0.052
4851	48.50	0.361	1.001	1.776	2.542	3.148	3.489	3.537	3.357	3.068	2.794
4861	48.60	2.602	2.473	2.310	1.997	1.471	0.779	0.086	-0.382	-0.425	0.028
4871	48.70	0.870	1.842	2.614	2.914	2.627	1.834	0.773	-0.263	-1.035	-1.433
4881	48.80	-1.487	-1.314	-1.040	-0.736	-0.406	-0.019	0.427	0.866	1.170	1.198
4891	48.90	0.879	0.268	-0.453	-1.029	-1.239	-0.987	-0.345	0.469	1.185	1.588
4901	49.00	1.596	1.277	0.800	0.349	0.043	-0.104	-0.166	-0.244	-0.407	-0.645
4911	49.10	-0.883	-1.023	-0.994	-0.797	-0.499	-0.206	-0.015	0.030	-0.058	-0.220
4921	49.20	-0.396	-0.548	-0.678	-0.818	-1.001	-1.236	-1.502	-1.753	-1.939	-2.035
4931	49.30	-2.047	-2.011	-1.978	-1.988	-2.057	-2.177	-2.318	-2.444	-2.524	-2.538
4941	49.40	-2.479	-2.347	-2.152	-1.908	-1.636	-1.359	-1.101	-0.880	-0.706	-0.577
4951	49.50	-0.484	-0.412	-0.348	-0.282	-0.202	-0.103	0.024	0.181	0.360	0.545
4961	49.60	0.711	0.833	0.901	0.919	0.915	0.921	0.966	1.059	1.186	1.317
4971	49.70	1.425	1.501	1.558	1.625	1.722	1.840	1.931	1.920	1.731	1.324
4981	49.80	0.723	0.017	-0.666	-1.204	-1.522	-1.621	-1.563	-1.441	-1.332	-1.261
4991	49.90	-1.196	-1.074	-0.839	-0.490	-0.087	0.264	0.460	0.442	0.234	-0.076

Table 7－18－11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 2026 503-GR-1-90 HB. (HB.) KANNONZAKI MAX. ACC. = 140.015 (GAL) T= 10.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.368	-0.553	-0.610	-0.596	-0.614	-0.752	-1.031	-1.376	-1.637	-1.650
5011	50.10	-1.305	-0.601	0.342	1.327	2.149	2.665	2.845	2.765	2.566	2.386
5021	50.20	2.306	2.330	2.396	2.424	2.359	2.198	1.987	1.790	1.654	1.580
5031	50.30	1.521	1.411	1.197	0.869	0.467	0.068	-0.253	-0.452	-0.533	-0.545
5041	50.40	-0.552	-0.606	-0.726	-0.891	-1.054	-1.168	-1.204	-1.163	-1.069	-0.957
5051	50.50	-0.850	-0.758	-0.673	-0.584	-0.484	-0.376	-0.274	-0.190	-0.126	-0.071
5061	50.60	-0.007	0.083	0.203	0.338	0.461	0.539	0.551	0.469	0.369	0.211
5071	50.70	0.035	-0.147	-0.338	-0.541	-0.754	-0.957	-1.118	-1.199	-1.176	-1.044
5081	50.80	-0.828	-0.573	-0.326	-0.124	0.022	0.119	0.183	0.223	0.227	0.171
5091	50.90	0.026	-0.221	-0.552	-0.916	-1.244	-1.466	-1.543	-1.475	-1.298	-1.073
5101	51.00	-0.856	-0.683	-0.559	-0.466	-0.376	-0.267	-0.137	0.003	0.134	0.239
5111	51.10	0.315	0.370	0.419	0.475	0.545	0.624	0.706	0.784	0.856	0.926
5121	51.20	1.000	1.083	1.178	1.283	1.396	1.511	1.619	1.703	1.739	1.700
5131	51.30	1.567	1.339	1.038	0.710	0.403	0.156	-0.023	-0.159	-0.301	-0.498
5141	51.40	-0.771	-1.098	-1.417	-1.647	-1.720	-1.612	-1.352	-1.016	-0.693	-0.456
5151	51.50	-0.332	-0.302	-0.311	-0.301	-0.235	-0.111	0.042	0.180	0.271	0.308
5161	51.60	0.310	0.308	0.330	0.383	0.450	0.495	0.482	0.385	0.200	-0.054
5171	51.70	-0.362	-0.622	-0.850	-0.987	-1.001	-0.873	-0.601	-0.207	0.256	0.719
5181	51.80	1.102	1.341	1.405	1.302	1.078	0.794	0.508	0.256	0.045	-0.135
5191	51.90	-0.296	-0.435	-0.531	-0.552	-0.474	-0.295	-0.045	0.222	0.448	0.594
5201	52.00	0.654	0.650	0.623	0.608	0.617	0.636	0.637	0.597	0.508	0.389
5211	52.10	0.270	0.178	0.122	0.086	0.042	-0.034	-0.144	-0.273	-0.388	-0.469
5221	52.20	-0.514	-0.548	-0.608	-0.718	-0.872	-1.033	-1.139	-1.143	-1.028	-0.822
5231	52.30	-0.582	-0.366	-0.202	-0.077	0.053	0.225	0.444	0.658	0.779	0.720
5241	52.40	0.442	-0.011	-0.518	-0.922	-1.094	-0.979	-0.625	-0.155	0.285	0.585
5251	52.50	0.717	0.729	0.717	0.770	0.925	1.156	1.384	1.526	1.524	1.375
5261	52.60	1.120	0.826	0.568	0.317	0.135	-0.012	-0.143	-0.269	-0.397	-0.536
5271	52.70	-0.702	-0.912	-1.171	-1.451	-1.694	-1.824	-1.776	-1.532	-1.137	-0.699
5281	52.80	-0.348	-0.196	-0.292	-0.604	-1.033	-1.448	-1.732	-1.816	-1.692	-1.403
5291	52.90	-1.015	-0.592	-0.186	0.172	0.457	0.647	0.722	0.670	0.499	0.241
5301	53.00	-0.054	-0.329	-0.542	-0.675	-0.737	-0.759	-0.776	-0.818	-0.901	-1.028
5311	53.10	-1.192	-1.380	-1.571	-1.740	-1.852	-1.871	-1.771	-1.568	-1.224	-0.850
5321	53.20	-0.488	-0.194	0.005	0.115	0.174	0.232	0.331	0.487	0.691	0.915
5331	53.30	1.124	1.298	1.434	1.543	1.642	1.743	1.848	1.953	2.054	2.158
5341	53.40	2.277	2.425	2.604	2.797	2.966	3.061	3.042	2.897	2.646	2.344
5351	53.50	2.055	1.829	1.685	1.603	1.532	1.420	1.232	0.966	0.654	0.343
5361	53.60	0.075	-0.132	-0.289	-0.425	-0.565	-0.716	-0.859	-0.957	-0.975	-0.902
5371	53.70	-0.759	-0.597	-0.470	-0.416	-0.444	-0.529	-0.632	-0.723	-0.793	-0.858
5381	53.80	-0.944	-1.060	-1.187	-1.280	-1.284	-1.164	-0.928	-0.628	-0.340	-0.128
5391	53.90	-0.019	0.009	0.005	0.017	0.055	0.081	0.035	-0.129	-0.401	-0.696
5401	54.00	-0.886	-0.848	-0.530	0.008	0.609	1.075	1.248	1.079	0.646	0.124
5411	54.10	-0.299	-0.501	-0.475	-0.320	-0.184	-0.185	-0.355	-0.624	-0.869	-0.975
5421	54.20	-0.898	-0.687	-0.456	-0.321	-0.346	-0.511	-0.738	-0.934	-1.048	-1.097
5431	54.30	-1.148	-1.274	-1.500	-1.774	-1.989	-2.027	-1.823	-1.405	-0.878	-0.387
5441	54.40	-0.047	0.105	0.112	0.072	0.073	0.156	0.294	0.417	0.463	0.414
5451	54.50	0.315	0.242	0.266	0.403	0.605	0.784	0.853	0.778	0.590	0.373
5461	54.60	0.212	0.155	0.182	0.226	0.208	0.092	-0.092	-0.263	-0.321	-0.207
5471	54.70	0.071	0.434	0.775	1.008	1.107	1.115	1.113	1.181	1.347	1.580
5481	54.80	1.802	1.929	1.910	1.745	1.477	1.167	0.859	0.570	0.295	0.029
5491	54.90	-0.209	-0.376	-0.419	-0.306	-0.058	0.251	0.513	0.629	0.546	0.284

Table 7－18－12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 2026 503-GR-1-90 HB. (HB.) KANNONZAKI MAX. ACC. = 140.015 (GAL) T= 10.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.074	-0.418	-0.658	-0.755	-0.733	-0.657	-0.602	-0.615	-0.707	-0.854
5511	55.10	-1.021	-1.182	-1.330	-1.472	-1.612	-1.733	-1.803	-1.777	-1.631	-1.368
5521	55.20	-1.035	-0.698	-0.425	-0.252	-0.176	-0.157	-0.142	-0.086	0.021	0.162
5531	55.30	0.300	0.405	0.466	0.500	0.539	0.612	0.728	0.874	1.019	1.137
5541	55.40	1.216	1.270	1.332	1.431	1.580	1.760	1.930	2.037	2.045	1.944
5551	55.50	1.760	1.539	1.329	1.162	1.040	0.944	0.842	0.709	0.539	0.344
5561	55.60	0.147	-0.033	-0.190	-0.333	-0.476	-0.630	-0.792	-0.943	-1.061	-1.132
5571	55.70	-1.163	-1.180	-1.224	-1.323	-1.482	-1.674	-1.844	-1.935	-1.905	-1.752
5581	55.80	-1.505	-1.221	-0.957	-0.751	-0.608	-0.508	-0.420	-0.317	-0.194	-0.060
5591	55.90	0.062	0.157	0.223	0.271	0.321	0.388	0.477	0.576	0.672	0.750
5601	56.00	0.809	0.854	0.893	0.930	0.957	0.960	0.929	0.862	0.773	0.679
5611	56.10	0.590	0.499	0.383	0.212	-0.024	-0.303	-0.559	-0.705	-0.666	-0.413
5621	56.20	0.009	0.490	0.884	1.063	0.961	0.599	0.077	-0.476	-0.943	-1.271
5631	56.30	-1.475	-1.618	-1.770	-1.965	-2.175	-2.324	-2.324	-2.115	-1.706	-1.171
5641	56.40	-0.631	-0.207	0.023	0.045	-0.093	-0.307	-0.517	-0.670	-0.755	-0.790
5651	56.50	-0.805	-0.816	-0.824	-0.809	-0.750	-0.639	-0.485	-0.315	-0.157	-0.034
5661	56.60	0.050	0.109	0.164	0.233	0.327	0.442	0.564	0.677	0.768	0.833
5671	56.70	0.876	0.906	0.936	0.977	1.036	1.111	1.195	1.276	1.341	1.385
5681	56.80	1.414	1.444	1.494	1.578	1.692	1.807	1.883	1.877	1.764	1.551
5691	56.90	1.275	0.991	0.749	0.570	0.446	0.343	0.225	0.077	-0.088	-0.234
5701	57.00	-0.323	-0.342	-0.313	-0.284	-0.307	-0.407	-0.571	-0.750	-0.889	-0.963
5711	57.10	-0.997	-1.053	-1.202	-1.468	-1.802	-2.084	-2.162	-1.919	-1.335	-0.510
5721	57.20	0.366	1.070	1.443	1.433	1.113	0.636	0.167	-0.183	-0.394	-0.519
5731	57.30	-0.641	-0.819	-1.048	-1.265	-1.380	-1.321	-1.072	-0.675	-0.211	0.235
5741	57.40	0.604	0.874	1.045	1.125	1.112	0.995	0.770	0.460	0.114	-0.202
5751	57.50	-0.431	-0.558	-0.613	-0.665	-0.782	-0.996	-1.281	-1.562	-1.743	-1.757
5761	57.60	-1.596	-1.315	-1.011	-0.775	-0.651	-0.619	-0.602	-0.503	-0.255	0.157
5771	57.70	0.679	1.217	1.666	1.949	2.039	1.961	1.773	1.541	1.318	1.129
5781	57.80	0.973	0.834	0.691	0.537	0.376	0.230	0.128	0.094	0.140	0.258
5791	57.90	0.422	0.595	0.740	0.832	0.863	0.839	0.772	0.669	0.528	0.339
5801	58.00	0.099	-0.178	-0.448	-0.648	-0.713	-0.598	-0.308	0.098	0.523	0.856
5811	58.10	1.011	0.953	0.706	0.341	-0.055	-0.408	-0.674	-0.842	-0.923	-0.937
5821	58.20	-0.892	-0.791	-0.638	-0.442	-0.230	-0.036	0.111	0.202	0.249	0.285
5831	58.30	0.339	0.421	0.515	0.582	0.583	0.501	0.352	0.183	0.049	-0.019
5841	58.40	-0.032	-0.037	-0.093	-0.230	-0.421	-0.575	-0.574	-0.329	0.165	0.798
5851	58.50	1.373	1.668	1.536	0.971	0.137	-0.683	-1.192	-1.189	-0.660	0.207
5861	58.60	1.094	1.667	1.702	1.171	0.247	-0.770	-1.565	-1.919	-1.779	-1.250
5871	58.70	-0.537	0.142	0.640	0.906	0.983	0.958	0.910	0.880	0.859	0.816
5881	58.80	0.722	0.569	0.381	0.196	0.049	-0.040	-0.075	-0.072	-0.060	-0.061
5891	58.90	-0.096	-0.177	-0.308	-0.479	-0.663	-0.812	-0.870	-0.789	-0.550	-0.178
5901	59.00	0.257	0.657	0.926	0.997	0.851	0.519	0.072	-0.403	-0.819	-1.106
5911	59.10	-1.214	-1.119	-0.832	-0.398	0.097	0.541	0.821	0.856	0.632	0.205
5921	59.20	-0.308	-0.774	-1.098	-1.252	-1.286	-1.295	-1.367	-1.535	-1.754	-1.915
5931	59.30	-1.900	-1.662	-1.162	-0.576	-0.053	0.247	0.235	-0.076	-0.583	-1.137
5941	59.40	-1.596	-1.874	-1.952	-1.866	-1.677	-1.439	-1.184	-0.928	-0.679	-0.453
5951	59.50	-0.268	-0.140	-0.068	-0.031	0.001	0.052	0.115	0.151	0.107	-0.060
5961	59.60	-0.347	-0.701	-1.025	-1.219	-1.219	-1.026	-0.704	-0.353	-0.065	0.114
5971	59.70	0.192	0.220	0.258	0.338	0.455	0.572	0.648	0.667	0.650	0.640
5981	59.80	0.679	0.779	0.910	1.016	1.043	0.972	0.827	0.663	0.533	0.457
5991	59.90	0.403	0.309	0.118	-0.176	-0.512	-0.775	-0.843	-0.642	-0.188	0.408

Table 7-18-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 2026 503-GR-1-90 HB. (HB.) KANNONZAKI MAX. ACC. = 140.015 (GAL) T= 10.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.988	1.396	1.546	1.461	1.164	0.833	0.549	0.364	0.274	0.247
6011	60.10	0.250	0.274	0.337	0.460	0.649	0.878	1.102	1.275	1.381	1.437
6021	60.20	1.484	1.555	1.646	1.707	1.658	1.435	1.030	0.514	0.025	-0.286
6031	60.30	-0.304	-0.021	0.474	1.017	1.429	1.586	1.455	1.103	0.656	0.247
6041	60.40	-0.035	-0.170	-0.200	-0.201	-0.239	-0.351	-0.532	-0.750	-0.971	-1.170
6051	60.50	-1.342	-1.492	-1.626	-1.736	-1.805	-1.818	-1.772	-1.686	-1.595	-1.537
6061	60.60	-1.526	-1.546	-1.534	-1.428	-1.174	-0.764	-0.245	0.289	0.735	1.021
6071	60.70	1.133	1.119	1.065	1.057	1.137	1.290	1.457	1.570	1.594	1.547
6081	60.80	1.493	1.504	1.615	1.797	1.968	2.026	1.914	1.656	1.360	1.169
6091	60.90	1.191	1.430	1.770	2.007	1.938	1.456	0.611	-0.398	-1.295	-1.835

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

INDEX NO. 2027 712-GR-1-17 HA. (HA.) EDOGAWA EMB. MAX. ACC. = -164.687 (GAL) T= 12.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.982	3.984	4.302	4.073	3.491	2.746	2.001	1.417	1.164	1.396
11	0.10	2.181	3.421	4.822	5.957	6.417	5.993	4.802	3.277	2.018	1.540
21	0.20	2.048	3.334	4.863	5.997	6.282	5.638	4.383	3.082	2.276	2.253
31	0.30	2.912	3.844	4.514	4.497	3.642	2.114	0.298	-1.357	-2.491	-2.916
41	0.40	-2.623	-1.736	-0.447	0.999	2.344	3.326	3.718	3.397	2.399	0.938
51	0.50	-0.648	-1.998	-2.851	-3.120	-2.886	-2.313	-1.542	-0.611	0.525	1.909
61	0.60	3.464	4.926	5.892	5.977	5.018	3.214	1.133	-0.467	-0.925	0.043
71	0.70	2.186	4.780	6.882	7.685	6.826	4.521	1.484	-1.345	-3.139	-3.452
81	0.80	-2.334	-0.256	2.104	4.105	5.339	5.703	5.349	4.564	3.631	2.740
91	0.90	1.963	1.294	0.704	0.197	-0.174	-0.328	-0.202	0.212	0.839	1.533
101	1.00	2.113	2.410	2.312	1.784	0.872	-0.318	-1.652	-2.984	-4.168	-5.060
111	1.10	-5.515	-5.400	-4.624	-3.181	-1.186	1.112	3.364	5.193	6.292	6.507
121	1.20	5.884	4.649	3.134	1.673	0.504	-0.286	-0.762	-1.092	-1.466	-2.020
131	1.30	-2.787	-3.674	-4.479	-4.936	-4.771	-3.780	-1.895	0.749	3.792	6.684
141	1.40	8.779	9.497	8.501	5.838	1.993	-2.188	-5.699	-7.646	-7.517	-5.359
151	1.50	-1.803	2.100	5.170	6.446	5.498	2.553	-1.531	-5.525	-8.198	-8.700
161	1.60	-6.841	-3.153	1.264	5.093	7.218	7.068	4.785	1.149	-2.706	-5.666
171	1.70	-6.988	-6.487	-4.525	-1.822	0.814	2.738	3.611	3.413	2.358	0.775
181	1.80	-0.987	-2.606	-3.805	-4.361	-4.149	-3.195	-1.724	-0.129	1.123	1.658
191	1.90	1.350	0.386	-0.788	-1.656	-1.860	-1.375	-0.533	0.112	0.041	-0.982
201	2.00	-2.768	-4.757	-6.231	-6.604	-5.665	-3.662	-1.206	0.960	2.231	2.325
211	2.10	1.339	-0.337	-2.190	-3.745	-4.671	-4.807	-4.142	-2.776	-0.909	1.151
221	2.20	2.996	4.167	4.259	3.067	0.707	-2.349	-5.356	-7.488	-8.108	-6.971
231	2.30	-4.333	-0.902	2.374	4.584	5.131	3.918	1.368	-1.705	-4.353	-5.787
241	2.40	-5.621	-4.001	-1.548	0.839	2.289	2.262	0.751	-1.699	-4.166	-5.669
251	2.50	-5.515	-3.561	-0.269	3.441	6.509	8.085	7.794	5.811	2.748	-0.595
261	2.60	-3.500	-5.504	-6.446	-6.373	-5.440	-3.791	-1.572	1.012	3.618	5.760
271	2.70	6.916	6.712	5.113	2.511	-0.351	-2.621	-3.652	-3.252	-1.756	0.115
281	2.80	1.559	2.037	1.479	0.292	-0.858	-1.372	-1.004	0.027	1.151	1.734
291	2.90	1.400	0.235	-1.217	-2.184	-1.996	-0.398	2.318	5.398	7.895	9.006
301	3.00	8.343	6.032	2.635	-1.065	-4.304	-6.512	-7.385	-6.857	-5.039	-2.168
311	3.10	1.397	5.169	8.543	10.880	11.661	10.672	8.129	4.679	1.243	-1.265
321	3.20	-2.243	-1.615	0.140	2.158	3.501	3.491	1.944	-0.779	-3.917	-6.580
331	3.30	-8.038	-7.932	-6.334	-3.670	-0.556	2.387	4.666	5.982	6.227	5.454
341	3.40	3.845	1.687	-0.648	-2.748	-4.229	-4.823	-4.457	-3.287	-1.664	-0.034
351	3.50	1.189	1.743	1.587	0.884	-0.063	-0.927	-1.446	-1.490	-1.068	-0.299
361	3.60	0.636	1.541	2.244	2.621	2.608	2.219	1.547	0.764	0.088	-0.260
371	3.70	-0.130	0.503	1.499	2.568	3.324	3.394	2.526	0.691	-1.875	-4.699
381	3.80	-7.171	-8.701	-8.871	-7.569	-5.029	-1.779	1.484	4.080	5.505	5.541
391	3.90	4.277	2.046	-0.678	-3.405	-5.717	-7.318	-8.052	-7.903	-6.987	-5.553
401	4.00	-3.948	-2.566	-1.753	-1.696	-2.354	-3.435	-4.482	-5.011	-4.677	-3.392
411	4.10	-1.351	1.042	3.314	5.064	6.049	6.198	5.561	4.249	2.403	0.215
421	4.20	-2.034	-3.948	-5.072	-5.018	-3.625	-1.089	2.033	4.954	6.899	7.370
431	4.30	6.324	4.192	1.722	-0.282	-1.231	-0.928	0.412	2.284	4.099	5.378
441	4.40	5.883	5.634	4.847	3.816	2.812	2.004	1.439	1.063	0.767	0.443
451	4.50	0.041	-0.417	-0.842	-1.132	-1.247	-1.262	-1.378	-1.854	-2.873	-4.401
461	4.60	-6.111	-7.423	-7.689	-6.453	-3.692	0.091	3.972	6.913	8.137	7.434
471	4.70	5.253	2.532	0.334	-0.574	-0.005	1.590	3.338	4.310	3.899	2.050
481	4.80	-0.742	-3.634	-5.754	-6.492	-5.680	-3.596	-0.839	1.876	3.919	4.893
491	4.90	4.712	3.594	1.992	0.471	-0.456	-0.482	0.377	1.761	3.065	3.637

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

INDEX NO. 2027 712-GR-1-17 HA. (HA.) EDOGAWA EMB. MAX. ACC. = -164.687 (GAL) T= 12.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.015	1.121	-1.679	-4.672	-7.034	-8.095	-7.562	-5.586	-2.678	0.491
511	5.10	3.313	5.410	6.683	7.254	7.346	7.162	6.606	6.275	5.490	4.353
521	5.20	2.793	0.811	-1.494	-3.911	-6.118	-7.721	-8.337	-7.713	-5.846	-3.044
531	5.30	0.096	2.830	4.472	4.613	3.251	0.798	-2.056	-4.570	-6.173	-6.615
541	5.40	-5.994	-4.658	-3.043	-1.516	-0.280	0.637	1.320	1.880	2.382	2.825
551	5.50	3.156	3.319	3.291	3.093	2.777	2.392	1.963	1.493	0.980	0.461
561	5.60	0.028	-0.178	-0.014	0.595	1.591	2.756	3.749	4.193	3.813	2.549
571	5.70	0.615	-1.533	-3.327	-4.261	-4.073	-2.837	-0.958	0.953	2.274	2.560
581	5.80	1.681	-0.159	-2.496	-4.751	-6.387	-7.027	-6.512	-4.911	-2.485	0.360
591	5.90	3.126	5.297	6.428	6.246	4.751	2.260	-0.635	-3.200	-4.773	-4.972
601	6.00	-3.836	-1.830	0.289	1.723	1.897	0.651	-1.704	-4.487	-6.874	-8.148
611	6.10	-7.915	-6.203	-3.425	-0.242	2.634	4.636	5.468	5.157	4.012	2.511
621	6.20	1.158	0.331	0.178	0.581	1.198	1.581	1.339	0.288	-1.449	-3.455
631	6.30	-5.121	-5.840	-5.216	-3.233	-0.299	2.829	5.249	6.180	5.211	2.447
641	6.40	-1.484	-5.590	-8.788	-10.218	-9.506	-6.883	-3.132	0.646	3.361	4.283
651	6.50	3.263	0.784	-2.200	-4.587	-5.492	-4.547	-2.005	1.355	4.512	6.555
661	6.60	6.965	5.750	3.368	0.507	-2.179	-4.274	-5.652	-6.392	-6.608	-6.309
671	6.70	-5.369	-3.621	-1.035	2.129	5.294	7.704	8.692	7.963	5.762	2.829
681	6.80	0.155	-1.392	-1.397	-0.050	1.944	3.667	4.363	3.726	1.999	-0.174
691	6.90	-2.034	-3.017	-2.937	-1.995	-0.610	0.801	1.994	2.959	3.723	4.397
701	7.00	4.856	4.838	4.040	2.303	-0.247	-3.173	-5.846	-7.661	-8.248	-7.584
711	7.10	-5.966	-3.855	-1.676	0.327	2.121	3.611	5.494	7.143	8.571	9.494
721	7.20	9.645	8.885	7.251	4.926	2.152	-0.845	-3.887	-6.817	-9.439	-11.486
731	7.30	-12.644	-12.641	-11.367	-8.949	-5.755	-2.292	0.942	3.596	5.527	6.764
741	7.40	7.402	7.501	7.044	5.978	4.333	2.314	0.331	-1.103	-1.549	-0.837
751	7.50	0.829	2.905	4.686	5.550	5.167	3.589	1.191	-1.496	-3.972	-5.891
761	7.60	-7.088	-7.517	-7.172	-6.053	-4.205	-1.797	0.814	3.119	4.581	4.837
771	7.70	3.857	2.000	-0.096	-1.737	-2.418	-1.992	-0.669	1.120	2.930	4.471
781	7.80	5.656	6.522	7.084	7.232	6.731	5.345	3.011	-0.036	-3.275	-6.061
791	7.90	-7.865	-8.480	-8.086	-7.128	-6.084	-5.218	-4.459	-3.467	-1.839	0.633
801	8.00	3.798	7.154	10.021	11.803	12.199	11.285	9.437	7.145	4.838	2.774
811	8.10	1.058	-0.281	-1.204	-1.648	-1.573	-1.052	-0.315	0.306	0.501	0.149
821	8.20	-0.592	-1.333	-1.615	-1.147	0.025	1.486	2.602	2.779	1.729	-0.391
831	8.30	-3.021	-5.415	-6.925	-7.247	-6.513	-5.213	-3.983	-3.359	-3.583	-4.546
841	8.40	-5.854	-6.991	-7.506	-7.160	-5.992	-4.294	-2.506	-1.070	-0.289	-0.217
851	8.50	-0.645	-1.157	-1.279	-0.651	0.826	2.920	5.122	6.797	7.390	6.603
861	8.60	4.500	1.481	-1.832	-4.767	-6.761	-7.469	-6.800	-4.905	-2.123	1.079
871	8.70	4.182	6.696	8.252	8.683	8.069	6.710	5.038	3.473	2.298	1.587
881	8.80	1.225	1.006	0.747	0.375	-0.067	-0.477	-0.781	-0.990	-1.194	-1.487
891	8.90	-1.897	-2.347	-2.696	-2.840	-2.802	-2.755	-2.941	-3.512	-4.386	-5.204
901	9.00	-5.444	-4.661	-2.739	-0.040	2.667	4.478	4.737	3.344	0.860	-1.676
911	9.10	-3.138	-2.761	-0.461	3.115	6.815	9.388	9.917	8.101	4.312	-0.561
921	9.20	-5.408	-9.199	-11.217	-11.178	-9.235	-5.907	-1.961	1.748	4.461	5.700
931	9.30	5.405	3.974	2.161	0.841	0.716	2.060	4.612	7.666	10.309	11.760
941	9.40	11.596	9.864	6.997	3.609	0.277	-2.605	-4.854	-6.418	-7.284	-7.414
951	9.50	-6.770	-5.391	-3.463	-1.331	0.586	1.928	2.525	2.439	1.907	1.203
961	9.60	0.493	-0.236	-1.122	-2.293	-3.703	-5.042	-5.789	-5.396	-3.540	-0.336
971	9.70	3.597	7.255	9.545	9.635	7.257	2.832	-2.616	-7.745	-11.288	-12.421
981	9.80	-11.004	-7.605	-3.318	0.571	2.970	3.282	1.556	-1.568	-5.079	-7.912
991	9.90	-9.244	-8.696	-6.385	-2.841	1.165	4.819	7.420	8.489	7.816	5.479

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

INDEX NO. 2027 712-GR-1-17 HA. (HA.) EDOGAWA EMB. MAX. ACC. = -164.687 (GAL) T= 12.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.839	-2.491	-6.724	-10.030	-11.723	-11.445	-9.299	-5.854	-2.006	1.280
1011	10.10	3.257	3.626	2.602	0.836	-0.838	-1.675	-1.254	0.415	2.926	5.628
1021	10.20	7.825	8.973	8.807	7.387	5.067	2.393	-0.030	-1.702	-2.353	-2.019
1031	10.30	-1.020	0.150	1.009	1.270	0.952	0.369	-0.014	0.198	1.131	2.549
1041	10.40	3.918	4.614	4.174	2.500	-0.081	-2.915	-5.241	-6.429	-6.160	-4.481
1051	10.50	-1.750	1.487	4.636	7.166	8.675	8.942	7.950	5.901	3.187	0.306
1061	10.60	-2.272	-4.246	-5.577	-6.460	-7.192	-7.970	-8.716	-9.043	-8.379	-6.227
1071	10.70	-2.456	2.533	7.828	12.251	14.707	14.536	11.701	6.781	0.772	-5.190
1081	10.80	-10.094	-13.225	-14.228	-13.099	-10.153	-5.989	-1.418	2.648	5.384	6.273
1091	10.90	5.275	2.865	-0.113	-2.737	-4.334	-4.696	-4.098	-3.099	-2.226	-1.710
1101	11.00	-1.390	-0.850	0.299	2.132	4.285	6.069	6.770	6.005	3.952	1.325
1111	11.10	-0.880	-1.787	-0.975	1.365	4.533	7.608	9.780	10.589	9.983	8.214
1121	11.20	5.653	2.632	-0.607	-3.868	-6.915	-9.421	-11.000	-11.327	-10.262	-7.929
1131	11.30	-4.700	-1.081	2.436	5.487	7.871	9.497	10.297	10.163	8.959	6.610
1141	11.40	3.228	-0.793	-4.781	-7.911	-9.413	-8.822	-6.147	-1.922	2.911	7.253
1151	11.50	10.163	11.135	10.259	8.195	5.967	4.641	4.977	7.171	10.780	14.853
1161	11.60	18.222	19.871	19.233	16.352	11.844	6.698	2.016	-1.242	-2.397	-1.093
1171	11.70	2.747	8.967	17.189	26.778	36.781	45.929	52.736	55.704	53.610	45.767
1181	11.80	32.175	13.530	-8.931	-33.643	-58.914	-83.022	-104.198	-120.544	-129.595	-130.452
1191	11.90	-120.113	-98.006	-64.560	-22.023	25.463	72.260	112.073	139.074	149.034	140.171
1201	12.00	113.493	72.565	22.771	-29.688	-78.816	-119.623	-148.583	-163.760	-164.687	-152.132
1211	12.10	-127.853	-94.379	-54.817	-12.629	28.623	65.565	95.290	115.579	125.056	123.269
1221	12.20	110.731	88.930	60.278	27.952	-4.408	-33.163	-55.204	-68.430	-72.017	-66.407
1231	12.30	-53.029	-33.883	-11.160	12.950	36.256	56.446	71.045	77.607	74.175	59.909
1241	12.40	35.617	3.947	-30.935	-64.124	-91.007	-108.208	-114.151	-109.102	-94.750	-73.550
1251	12.50	-48.081	-20.645	6.849	32.603	55.782	74.479	87.799	95.050	96.100	91.421
1261	12.60	81.974	68.981	53.692	37.228	20.544	4.496	-10.067	-22.269	-31.251	-36.316
1271	12.70	-37.103	-33.750	-26.983	-18.097	-8.818	-1.045	3.499	3.667	-0.763	-8.875
1281	12.80	-18.666	-27.388	-32.146	-30.627	-21.750	-6.049	14.328	36.030	55.190	60.244
1291	12.90	72.661	67.449	53.356	32.757	9.232	-13.073	-30.242	-39.394	-39.342	-30.916
1301	13.00	-16.845	-1.150	11.807	18.384	16.528	6.214	-10.627	-30.636	-49.796	-64.216
1311	13.10	-70.773	-67.542	-54.066	-31.504	-2.650	28.258	56.053	75.517	82.514	75.084
1321	13.20	54.157	23.553	-10.799	-42.243	-64.962	-75.237	-72.057	-56.970	-33.373	-5.572
1331	13.30	22.037	45.506	61.620	68.092	63.830	49.278	26.690	0.055	-25.486	-44.733
1341	13.40	-53.752	-50.991	-37.762	-17.885	3.407	20.924	30.841	31.484	23.420	8.971
1351	13.50	-8.562	-25.646	-39.058	-46.214	-45.382	-35.911	-18.473	4.787	30.368	53.917
1361	13.60	71.083	78.497	74.572	59.853	36.784	9.033	-19.385	-44.858	-64.616	-76.807
1371	13.70	-80.381	-74.954	-60.821	-39.106	-11.921	17.652	45.905	69.135	84.434	90.336
1381	13.80	87.129	76.685	61.894	45.885	31.279	19.696	11.594	6.415	2.940	-0.299
1391	13.90	-4.627	-10.921	-19.415	-29.607	-40.299	-49.788	-56.197	-57.917	-54.058	-44.772
1401	14.00	-31.356	-16.054	-1.595	9.410	15.062	14.589	8.483	-1.657	-13.523	-24.594
1411	14.10	-32.629	-36.043	-34.111	-27.014	-15.737	-1.869	12.653	25.843	35.952	41.720
1421	14.20	42.542	38.518	30.369	19.247	6.492	-6.587	-18.851	-29.369	-37.393	-42.322
1431	14.30	-43.722	-41.425	-35.671	-27.202	-17.227	-7.209	1.487	7.972	12.085	14.396
1441	14.40	15.940	17.772	20.499	24.002	27.444	29.565	29.155	25.509	18.702	9.593
1451	14.50	-0.402	-9.679	-16.809	-20.808	-21.272	-18.407	-12.981	-6.220	0.362	5.236
1461	14.60	7.203	5.746	1.275	-4.864	-10.691	-14.120	-13.589	-8.547	0.353	11.434
1471	14.70	22.470	31.255	36.092	36.049	30.993	21.466	8.551	-6.217	-20.903	-33.271
1481	14.80	-41.052	-42.396	-36.418	-23.656	-6.211	12.558	28.758	38.927	40.927	34.503
1491	14.90	21.319	4.493	-12.212	-25.299	-32.288	-32.180	-25.544	-14.295	-1.220	10.632

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

INDEX NO. 2027 712-GR-1-17 HA. (HA.) EDOGAWA EMB. MAX. ACC. = -164.687 (GAL) T= 12.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	18.598	20.993	17.525	9.415	-0.840	-10.053	-15.183	-14.192	-6.684	5.872
1511	15.10	20.441	33.154	40.291	39.237	29.158	11.231	-11.595	-35.246	-55.384	-68.309
1521	15.20	-71.702	-65.069	-49.804	-28.870	-6.149	14.382	29.488	37.310	37.667	31.951
1531	15.30	22.669	12.772	4.961	1.136	2.102	7.543	16.202	26.202	35.393	41.713
1541	15.40	43.518	39.873	30.770	17.219	1.138	-14.982	-28.581	-37.615	-41.036	-39.025
1551	15.50	-32.897	-24.696	-16.619	-10.438	-7.104	-6.628	-8.230	-10.665	-12.597	-12.909
1561	15.60	-10.872	-6.209	0.926	9.975	20.014	29.801	37.892	42.847	43.527	39.408
1571	15.70	30.811	18.949	5.734	-6.626	-16.158	-21.598	-22.701	-20.255	-15.815	-11.217
1581	15.80	-8.038	-7.142	-8.453	-11.016	-13.311	-13.722	-11.038	-4.830	4.390	15.261
1591	15.90	25.884	34.271	38.798	38.569	33.589	24.731	13.515	1.772	-8.735	-16.636
1601	16.00	-21.182	-22.332	-20.703	-17.411	-13.809	-11.196	-10.531	-12.211	-15.976	-20.977
1611	16.10	-25.995	-29.770	-31.354	-30.368	-27.087	-22.317	-17.094	-12.328	-8.503	-5.557
1621	16.20	-2.978	-0.084	3.642	8.273	13.333	17.903	20.887	21.346	18.776	13.254
1631	16.30	5.421	-3.659	-12.714	-20.471	-25.827	-27.985	-26.546	-21.595	-13.747	-4.128
1641	16.40	5.734	14.157	19.640	21.228	18.796	13.162	5.955	-0.747	-4.920	-5.112
1651	16.50	-0.828	7.334	17.827	28.545	37.323	42.428	42.889	38.611	30.276	19.096
1661	16.60	6.528	-5.964	-17.058	-25.642	-30.854	-32.149	-29.410	-23.065	-14.158	-4.268
1671	16.70	4.732	11.058	13.444	11.473	5.714	-2.407	-10.935	-17.845	-21.477	-20.855
1681	16.80	-15.837	-7.091	4.044	15.783	26.172	33.397	36.105	33.699	26.521	15.656
1691	16.90	3.704	-7.645	-16.146	-20.465	-20.260	-16.158	-9.487	-1.842	5.334	11.034
1701	17.00	14.779	16.531	16.543	15.212	12.994	10.373	7.825	5.748	4.353	3.570
1711	17.10	3.046	2.287	0.896	-1.169	-3.470	-5.182	-5.403	-3.586	0.121	4.770
1721	17.20	8.851	10.790	9.541	5.019	-1.787	-9.102	-14.932	-17.707	-16.773	-12.559
1731	17.30	-6.388	-0.022	4.883	7.239	6.755	3.931	-0.178	-4.296	-7.277	-8.367
1741	17.40	-7.340	-4.491	-0.516	3.695	7.265	9.512	10.042	8.758	5.798	1.464
1751	17.50	-3.832	-9.563	-15.052	-19.467	-21.893	-21.514	-17.865	-11.079	-2.002	7.889
1761	17.60	16.782	22.949	25.164	22.973	16.740	7.487	-3.386	-14.389	-24.128	-31.399
1771	17.70	-35.225	-34.910	-30.174	-21.333	-9.431	3.770	16.046	25.158	29.398	28.035
1781	17.80	21.507	11.295	-0.489	-11.634	-20.319	-25.409	-26.525	-23.941	-18.400	-10.947
1791	17.90	-2.816	4.668	10.228	12.847	12.026	8.004	1.812	-4.919	-10.374	-13.094
1801	18.00	-12.444	-8.848	-3.673	1.200	3.993	3.611	0.018	-5.731	-11.784	-16.004
1811	18.10	-16.550	-12.347	-3.343	9.490	24.371	39.072	51.331	59.228	61.492	57.677
1821	18.20	48.231	34.422	18.159	1.706	-12.673	-23.095	-28.398	-28.359	-23.747	-16.151
1831	18.30	-7.617	-0.160	4.726	6.422	5.284	2.463	-0.521	-2.297	-2.095	0.030
1841	18.40	3.268	6.385	8.174	7.853	5.276	0.887	-4.526	-10.142	-15.348	-19.804
1851	18.50	-23.353	-25.829	-26.932	-26.231	-23.350	-18.239	-11.398	-3.927	2.662	6.839
1861	18.60	7.509	4.368	-1.983	-10.205	-18.588	-25.496	-29.728	-30.691	-28.383	-23.243
1871	18.70	-15.970	-7.398	1.563	9.938	16.745	21.124	22.538	20.977	17.054	11.919
1881	18.80	6.980	3.502	2.232	3.189	5.696	8.649	10.919	11.720	10.814	8.496
1891	18.90	5.389	2.150	-0.762	-3.197	-5.262	-7.161	-9.037	-10.858	-12.421	-13.418
1901	19.00	-13.543	-12.574	-10.419	-7.125	-2.887	1.941	6.834	11.123	14.091	15.136
1911	19.10	13.959	10.710	6.019	0.881	-3.581	-6.386	-6.909	-4.972	-0.800	5.092
1921	19.20	12.026	19.225	25.829	30.901	33.496	32.844	28.593	21.047	11.244	0.815
1931	19.30	-8.397	-14.842	-17.709	-17.153	-14.209	-10.411	-7.272	-5.819	-6.326	-8.338
1941	19.40	-10.923	-13.031	-13.812	-12.800	-9.930	-5.442	0.238	6.596	13.062	19.025
1951	19.50	23.858	26.985	27.991	26.720	23.314	18.174	11.845	4.865	-2.340	-9.495
1961	19.60	-16.426	-22.960	-28.824	-33.592	-36.715	-37.626	-35.880	-31.304	-24.110	-14.938
1971	19.70	-4.825	4.918	12.900	17.893	19.083	16.268	9.948	1.277	-8.142	-16.549
1981	19.80	-22.370	-24.493	-22.458	-16.500	-7.478	3.289	14.229	23.750	30.471	33.436
1991	19.90	32.291	27.372	19.669	10.645	1.927	-5.048	-9.347	-10.709	-9.500	-6.510

Table 7-19-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 2027 712-GR-1-17 HA. (HA.) EDOGAWA EMB. MAX. ACC. = -164.687 (GAL) T= 12.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.638	1.389	5.165	8.592	11.722	14.560	16.927	18.444	18.654	17.199
2011	20.10	13.979	9.209	3.364	-2.959	-9.172	-14.774	-19.330	-22.421	-23.604	-22.462
2021	20.20	-18.754	-12.611	-4.670	3.926	11.729	17.340	19.799	18.878	15.155	9.848
2031	20.30	4.453	0.323	-1.678	-1.348	0.891	4.180	7.502	9.940	10.874	10.084
2041	20.40	7.771	4.499	1.071	-1.653	-2.976	-2.567	-0.591	2.295	5.106	6.816
2051	20.50	6.662	4.382	0.279	-4.903	-10.213	-14.756	-17.866	-19.150	-18.428	-15.657
2061	20.60	-10.927	-4.544	2.834	10.124	15.923	18.822	17.856	12.921	4.965	-4.182
2071	20.70	-12.325	-17.597	-19.086	-17.132	-13.179	-9.228	-7.093	-7.747	-10.999	-15.594
2081	20.80	-19.685	-21.469	-19.752	-14.262	-5.649	4.773	15.397	24.666	31.297	34.383
2091	20.90	33.420	28.324	19.483	7.811	-5.246	-17.835	-27.968	-33.918	-34.637	-30.060
2101	21.00	-21.181	-9.871	1.558	10.893	16.533	17.818	15.110	9.606	2.974	-3.068
2111	21.10	-7.125	-8.360	-6.584	-2.208	3.879	10.479	16.286	20.099	21.058	18.851
2121	21.20	13.837	7.022	-0.149	-6.159	-9.837	-10.694	-9.057	-5.919	-2.588	-0.231
2131	21.30	0.486	-0.451	-2.499	-4.833	-6.667	-7.471	-7.033	-5.372	-2.612	1.099
2141	21.40	5.552	10.381	14.973	18.504	20.130	19.279	15.919	10.662	4.633	-0.865
2151	21.50	-4.763	-6.541	-6.330	-4.768	-2.699	-0.863	0.302	0.670	0.314	-0.662
2161	21.60	-2.216	-4.357	-7.053	-10.137	-13.281	-16.072	-18.136	-19.246	-19.344	-18.468
2171	21.70	-16.645	-13.838	-9.992	-5.195	0.153	5.256	9.039	10.431	8.749	4.005
2181	21.80	-2.994	-10.815	-17.788	-22.462	-23.967	-22.169	-17.593	-11.191	-4.072	2.714
2191	21.90	8.280	11.942	13.235	11.961	8.268	2.711	-3.769	-9.979	-14.713	-17.020
2201	22.00	-16.416	-12.981	-7.303	-0.328	6.835	13.091	17.487	19.310	18.168	14.069
2211	22.10	7.487	-0.641	-9.007	-16.151	-20.747	-21.904	-19.375	-13.621	-5.702	2.963
2221	22.20	10.901	16.885	20.157	20.543	18.460	14.803	10.750	7.494	5.973	6.627
2231	22.30	9.285	13.195	17.227	20.176	21.099	19.553	15.682	10.131	3.831	-2.245
2241	22.40	-7.289	-10.746	-12.324	-11.947	-9.717	-5.914	-1.022	4.273	9.151	12.804
2251	22.50	14.648	14.486	12.581	9.570	6.243	3.281	1.040	-0.512	-1.695	-2.893
2261	22.60	-4.320	-5.876	-7.169	-7.686	-7.050	-5.234	-2.637	0.013	1.902	2.412
2271	22.70	1.340	-1.044	-4.103	-7.062	-9.255	-10.289	-10.084	-8.776	-6.581	-3.681
2281	22.80	-0.205	3.681	7.655	11.167	13.496	13.944	12.123	8.191	2.930	-2.411
2291	22.90	-6.485	-8.282	-7.485	-4.588	-0.709	2.806	4.855	4.936	3.246	0.521
2301	23.00	-2.303	-4.438	-5.460	-5.330	-4.240	-2.419	-0.002	2.966	6.401	10.039
2311	23.10	13.379	15.771	16.634	15.685	13.078	9.356	5.255	1.429	-1.741	-4.181
2321	23.20	-5.991	-7.233	-7.770	-7.285	-5.454	-2.224	1.993	6.324	9.675	11.137
2331	23.30	10.356	7.717	4.204	1.019	-0.912	-1.305	-0.602	0.265	0.319	-1.007
2341	23.40	-3.606	-6.740	-9.346	-10.471	-9.645	-7.029	-3.319	0.543	3.686	5.543
2351	23.50	5.914	4.888	2.703	-0.357	-3.975	-7.744	-11.103	-13.354	-13.788	-11.907
2361	23.60	-7.646	-1.501	5.524	12.136	17.084	19.489	19.043	16.038	11.213	5.501
2371	23.70	-0.236	-5.386	-9.643	-12.951	-15.386	-17.047	-17.988	-18.219	-17.738	-16.581
2381	23.80	-14.835	-12.620	-10.051	-7.206	-4.117	-0.804	2.674	6.179	9.477	12.272
2391	23.90	14.267	15.234	15.067	13.790	11.536	8.503	4.914	0.999	-3.013	-6.890
2401	24.00	-10.404	-13.351	-15.591	-17.077	-17.861	-18.069	-17.859	-17.360	-16.641	-15.697
2411	24.10	-14.460	-12.835	-10.726	-8.063	-4.836	-1.132	2.818	6.613	9.699	11.468
2421	24.20	11.425	9.392	5.666	1.044	-3.324	-6.251	-6.892	-5.057	-1.330	3.074
2431	24.30	6.674	8.202	7.005	3.249	-2.153	-7.842	-12.433	-14.887	-14.737	-12.106
2441	24.40	-7.567	-1.913	4.050	9.651	14.405	18.014	20.333	21.343	21.130	19.859
2451	24.50	17.752	15.048	11.983	8.784	5.680	2.923	0.775	-0.545	-0.945	-0.539
2461	24.60	0.322	1.110	1.264	0.379	-1.637	-4.502	-7.630	-10.307	-11.910	-12.084
2471	24.70	-10.818	-8.396	-5.267	-1.888	1.385	4.341	6.873	8.913	10.369	11.111
2481	24.80	11.003	9.966	8.027	5.346	2.197	-1.094	-4.212	-6.917	-9.068	-10.624
2491	24.90	-11.612	-12.087	-12.087	-11.612	-10.629	-9.098	-7.018	-4.470	-1.635	1.220

Table 7-19-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 2027 712-GR-1-17 HA. (HA.) EDOGAWA EMB. MAX. ACC. = -164.687 (GAL) T= 12.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.797	5.827	7.142	7.698	7.569	6.898	5.841	4.534	3.078	1.559
2511	25.10	0.076	-1.256	-2.320	-3.040	-3.408	-3.482	-3.340	-3.014	-2.638	-1.450
2521	25.20	0.124	2.346	5.040	7.742	9.776	10.435	9.221	6.052	1.343	-4.079
2531	25.30	-9.197	-13.088	-15.165	-15.293	-13.749	-11.057	-7.779	-4.341	-0.960	2.320
2541	25.40	5.526	8.638	11.531	13.984	15.759	16.701	16.804	16.216	15.167	13.866
2551	25.50	12.394	10.658	8.432	5.462	1.614	-3.008	-8.007	-12.746	-16.491	-18.596
2561	25.60	-18.677	-16.717	-13.071	-8.371	-3.379	1.183	4.757	7.026	7.930	7.636
2571	25.70	6.491	4.955	3.530	2.677	2.722	3.780	5.704	8.097	10.387	11.945
2581	25.80	12.231	10.917	7.957	3.607	-1.619	-7.017	-11.800	-15.207	-16.641	-15.787
2591	25.90	-12.719	-7.929	-2.257	3.272	7.700	10.370	11.087	10.125	8.100	5.735
2601	26.00	3.630	2.115	1.233	0.836	0.724	0.755	0.872	1.060	1.269	1.378
2611	26.10	1.226	0.696	-0.197	-1.288	-2.325	-3.084	-3.482	-3.593	-3.565	-3.458
2621	26.20	-3.127	-2.202	-0.246	3.000	7.382	12.238	16.535	19.180	19.386	16.934
2631	26.30	12.205	5.992	-0.819	-7.525	-13.701	-19.101	-23.444	-26.248	-26.857	-24.681
2641	26.40	-19.563	-12.060	-3.477	4.432	9.997	12.189	10.959	7.207	2.393	-2.026
2651	26.50	-5.092	-6.561	-6.784	-6.351	-5.711	-4.958	-3.890	-2.261	-0.076	2.262
2661	26.60	4.066	4.664	3.752	1.603	-0.995	-3.044	-3.747	-2.833	-0.643	2.053
2671	26.70	4.401	5.807	6.115	5.557	4.530	3.340	2.052	0.512	-1.483	-3.976
2681	26.80	-6.740	-9.317	-11.201	-12.051	-11.837	-10.819	-9.404	-7.935	-6.552	-5.179
2691	26.90	-3.652	-1.904	-0.094	1.400	2.130	1.809	0.492	-1.372	-3.070	-3.866
2701	27.00	-3.277	-1.227	1.944	5.633	9.196	12.143	14.218	15.372	15.640	15.042
2711	27.10	13.536	11.074	7.708	3.689	-0.508	-4.252	-6.914	-8.040	-7.477	-5.414
2721	27.20	-2.329	1.130	4.280	6.519	7.412	6.735	4.497	0.947	-3.454	-8.095
2731	27.30	-12.325	-15.573	-17.472	-17.920	-17.067	-15.226	-12.750	-9.926	-6.930	-3.848
2741	27.40	-0.754	2.225	4.886	6.992	8.361	8.944	8.853	8.305	7.511	6.569
2751	27.50	5.414	3.862	1.737	-0.979	-4.053	-7.011	-9.266	-10.308	-9.879	-8.058
2761	27.60	-5.227	-1.930	1.301	4.088	6.260	7.825	8.882	9.536	9.851	9.852
2771	27.70	9.551	8.968	8.128	7.036	5.657	3.931	1.836	-0.538	-2.932	-4.932
2781	27.80	-6.069	-5.971	-4.516	-1.910	1.342	4.566	7.106	8.475	8.452	7.071
2791	27.90	4.567	1.300	-2.286	-5.671	-8.279	-9.525	-8.949	-6.376	-2.064	3.260
2801	28.00	8.529	12.606	14.628	14.279	11.889	8.302	4.566	1.564	-0.268	-1.015
2811	28.10	-1.155	-1.274	-1.775	-2.711	-3.797	-4.588	-4.722	-4.107	-2.965	-1.728
2821	28.20	-0.832	-0.535	-0.829	-1.493	-2.242	-2.899	-3.485	-4.188	-5.227	-6.675
2831	28.30	-8.345	-9.792	-10.454	-9.870	-7.887	-4.766	-1.147	2.137	4.305	4.864
2841	28.40	3.752	1.348	-1.669	-4.404	-6.161	-6.406	-4.963	-2.007	1.981	6.324
2851	28.50	10.267	13.113	14.343	13.705	11.257	7.350	2.550	-2.477	-7.090	-10.784
2861	28.60	-13.252	-14.402	-14.328	-13.258	-11.500	-9.386	-7.229	-5.272	-3.650	-2.360
2871	28.70	-1.260	-0.117	1.302	3.120	5.271	7.472	9.293	10.299	10.212	9.026
2881	28.80	7.027	4.695	2.529	0.869	-0.197	-0.811	-1.212	-1.553	-1.784	-1.660
2891	28.90	-0.782	1.005	3.621	6.605	9.240	10.808	10.872	9.465	7.101	4.592
2901	29.00	2.745	2.079	2.664	4.155	5.982	7.600	8.681	9.170	9.196	8.909
2911	29.10	8.344	7.379	5.829	3.598	0.812	-2.152	-4.769	-6.562	-7.284	-7.016
2921	29.20	-6.117	-5.056	-4.218	-3.763	-3.616	-3.574	-3.472	-3.309	-3.271	-3.633
2931	29.30	-4.594	-6.131	-7.953	-9.579	-10.509	-10.407	-9.215	-7.158	-4.634	-2.061
2941	29.40	0.247	2.133	3.555	4.515	4.984	4.899	4.216	2.996	1.462	-0.018
2951	29.50	-1.026	-1.243	-0.587	0.728	2.235	3.347	3.549	2.559	0.427	-2.479
2961	29.60	-5.573	-8.212	-9.859	-10.216	-9.285	-7.347	-4.878	-2.413	-0.403	0.904
2971	29.70	1.513	1.669	1.662	1.874	2.452	3.336	4.267	4.898	4.948	4.338
2981	29.80	3.240	2.027	1.130	0.872	1.336	2.337	3.495	4.383	4.683	4.290
2991	29.90	3.320	2.035	0.722	-0.413	-1.294	-1.962	-2.500	-2.965	-3.346	-3.574

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

INDEX NO. 2027 712-GR-1-17 HA. (HA.) EDOGAWA EMB. MAX. ACC. = -164.687 (GAL) T= 12.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.568	-3.292	-2.779	-2.121	-1.417	-0.724	-0.027	0.737	1.621	2.597
3011	30.10	3.506	4.066	3.944	2.863	0.724	-2.330	-5.910	-9.455	-12.367	-14.152
3021	30.20	-14.539	-13.529	-11.371	-8.479	-5.317	-2.283	0.351	2.467	4.063	5.196
3031	30.30	5.931	6.313	6.372	6.154	5.753	5.322	5.044	5.075	5.487	6.221
3041	30.40	7.098	7.873	8.315	8.281	7.756	6.827	5.625	4.251	2.738	1.057
3051	30.50	-0.813	-2.809	-4.729	-6.247	-7.004	-6.736	-5.404	-3.254	-0.772	1.439
3061	30.60	2.842	3.119	2.250	0.489	-1.745	-4.008	-5.960	-7.413	-8.327	-8.744
3071	30.70	-8.723	-8.360	-7.495	-6.338	-4.909	-3.340	-1.787	-0.384	0.813	1.833
3081	30.80	2.770	3.726	4.749	5.798	6.751	7.448	7.756	7.613	7.054	6.190
3091	30.90	5.169	4.141	3.227	2.512	2.050	1.864	1.946	2.242	2.652	3.044
3101	31.00	3.288	3.294	3.045	2.596	2.038	1.449	0.841	0.149	-0.735	-1.898
3111	31.10	-3.339	-4.932	-6.445	-7.611	-8.210	-8.148	-7.474	-6.343	-4.958	-3.492
3121	31.20	-2.067	-0.751	0.398	1.306	1.881	2.046	1.786	1.179	0.381	-0.437
3131	31.30	-1.159	-1.782	-2.399	-3.129	-4.022	-4.986	-5.802	-6.212	-6.064	-5.423
3141	31.40	-4.590	-4.004	-4.047	-4.860	-6.243	-7.704	-8.654	-8.650	-7.585	-5.729
3151	31.50	-3.600	-1.724	-0.396	0.431	1.098	2.024	3.458	5.306	7.127	8.303
3161	31.60	8.309	6.959	4.510	1.584	-1.060	-2.802	-3.361	-2.855	-1.689	-0.362
3171	31.70	0.739	1.453	1.845	2.109	2.432	2.896	3.439	3.896	4.075	3.830
3181	31.80	3.112	1.979	0.590	-0.808	-1.900	-2.336	-1.775	-0.004	2.986	6.906
3191	31.90	11.163	14.969	17.421	17.929	16.213	12.502	7.478	2.102	-2.631	-5.949
3201	32.00	-7.464	-7.220	-5.608	-3.197	-0.553	1.897	3.916	5.426	6.427	6.921
3211	32.10	6.878	6.256	5.059	3.393	1.477	-0.393	-1.934	-2.966	-3.463	-3.541
3221	32.20	-3.380	-3.132	-2.868	-2.476	-1.921	-1.141	-0.221	0.627	1.135	1.107
3231	32.30	0.533	-0.380	-1.269	-1.765	-1.649	-0.954	0.055	0.999	1.557	1.611
3241	32.40	1.278	0.841	0.592	0.685	1.059	1.477	1.646	1.367	0.629	-0.393
3251	32.50	-1.429	-2.240	-2.723	-2.935	-3.040	-3.210	-3.538	-4.001	-4.488	-4.860
3261	32.60	-5.009	-4.879	-4.449	-3.700	-2.597	-1.109	0.738	2.813	4.872	6.600
3271	32.70	7.708	8.024	7.554	6.469	5.030	3.493	2.028	0.700	-0.497	-1.581
3281	32.80	-2.524	-3.252	-3.676	-3.747	-3.494	-3.020	-2.459	-1.917	-1.432	-0.983
3291	32.90	-0.527	-0.062	0.345	0.572	0.496	0.067	-0.646	-1.454	-2.105	-2.364
3301	33.00	-2.086	-1.247	0.066	1.700	3.474	5.209	6.730	7.855	8.403	8.224
3311	33.10	7.247	5.524	3.245	0.707	-1.756	-3.852	-5.400	-6.346	-6.740	-6.692
3321	33.20	-6.326	-5.757	-5.101	-4.484	-4.046	-3.913	-4.155	-4.739	-5.512	-6.238
3331	33.30	-6.671	-6.642	-6.129	-5.264	-4.282	-3.439	-2.915	-2.768	-2.940	-3.306
3341	33.40	-3.750	-4.218	-4.719	-5.287	-5.917	-6.520	-6.925	-6.931	-6.405	-5.369
3351	33.50	-4.024	-2.716	-1.807	-1.533	-1.880	-2.548	-3.026	-2.758	-1.350	1.271
3361	33.60	4.790	8.578	11.876	14.024	14.653	13.786	11.794	9.250	6.740	4.685
3371	33.70	3.254	2.373	1.815	1.329	0.743	0.014	-0.776	-1.481	-1.954	-2.098
3381	33.80	-1.887	-1.362	-0.602	0.289	1.196	2.000	2.573	2.789	2.544	1.780
3391	33.90	0.520	-1.110	-2.876	-4.458	-5.500	-5.690	-4.837	-2.945	-0.244	2.845
3401	34.00	5.795	8.105	9.433	9.682	9.016	7.790	6.428	5.290	4.574	4.293
3411	34.10	4.311	4.429	4.459	4.277	3.823	3.077	2.036	0.712	-0.838	-2.488
3421	34.20	-4.026	-5.194	-5.764	-5.628	-4.864	-3.731	-2.602	-1.841	-1.682	-2.149
3431	34.30	-3.058	-4.080	-4.850	-5.081	-4.636	-3.554	-2.029	-0.362	1.099	2.030
3441	34.40	2.191	1.490	0.024	-1.916	-3.893	-5.433	-6.151	-5.876	-4.712	-3.001

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

INDEX NO. 2028 712-GR-1-17 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 30.993 (GAL) T= 13.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.657	4.263	6.293	8.499	10.278	10.895	9.832	7.096	3.324	-0.410
11	0.10	-2.989	-3.697	-2.495	-0.010	2.755	4.848	5.719	5.371	4.240	2.926
21	0.20	1.913	1.418	1.426	1.828	2.572	3.705	5.291	7.269	9.349	11.039
31	0.30	11.788	11.194	9.157	5.905	1.901	-2.304	-6.181	-9.255	-11.079	-11.234
41	0.40	-9.427	-5.680	-0.526	4.943	9.288	11.174	9.905	5.804	0.217	-4.925
51	0.50	-7.834	-7.583	-4.490	0.025	4.050	5.999	5.261	2.397	-1.177	-3.872
61	0.60	-4.611	-3.235	-0.454	2.561	4.740	5.510	4.906	3.367	1.434	-0.517
71	0.70	-2.311	-3.847	-4.922	-5.171	-4.202	-1.856	1.568	5.287	8.269	9.651
81	0.80	9.128	7.107	4.528	2.424	1.436	1.523	2.013	1.985	0.774	-1.650
91	0.90	-4.610	-7.009	-7.819	-6.546	-3.451	0.557	4.298	6.775	7.509	6.628
101	1.00	4.711	2.502	0.624	-0.576	-1.038	-0.887	-0.316	0.499	1.410	2.271
111	1.10	2.916	3.171	2.894	2.035	0.677	-0.964	-2.570	-3.778	-4.250	-3.755
121	1.20	-2.243	0.098	2.824	5.313	6.913	7.155	5.945	3.638	0.959	-1.243
131	1.30	-2.311	-2.038	-0.743	0.869	2.010	2.143	1.182	-0.510	-2.328	-3.718
141	1.40	-4.409	-4.474	-4.204	-3.893	-3.644	-3.338	-2.754	-1.786	-0.614	0.267
151	1.50	0.326	-0.913	-3.401	-6.569	-9.451	-11.013	-10.550	-7.977	-3.895	0.567
161	1.60	4.219	6.017	5.577	3.201	-0.212	-3.454	-5.391	-5.325	-3.228	0.237
171	1.70	3.921	6.571	7.271	5.782	2.639	-1.039	-3.988	-5.298	-4.772	-2.968
181	1.80	-0.902	0.464	0.695	0.097	-0.467	-0.061	1.763	4.627	7.404	8.703
191	1.90	7.545	3.891	-1.238	-6.137	-9.124	-9.251	-6.688	-2.601	1.392	3.935
201	2.00	4.460	3.310	1.435	-0.150	-0.840	-0.652	-0.072	0.298	0.097	-0.647
211	2.10	-1.613	-2.441	-2.970	-3.288	-3.600	-3.999	-4.321	-4.186	-3.225	-1.355
221	2.20	1.082	3.413	4.943	5.300	4.631	3.512	2.632	2.405	2.755	3.180
231	2.30	3.083	2.157	0.602	-0.969	-1.885	-1.831	-1.060	-0.262	-0.142	-0.951
241	2.40	-2.265	-3.159	-2.741	-0.734	2.225	4.785	5.537	3.793	0.071	-4.021
251	2.50	-6.499	-5.993	-2.510	2.459	6.565	7.711	5.094	-0.358	-6.376	-10.411
261	2.60	-10.847	-7.774	-2.926	1.171	2.436	0.239	-4.322	-8.971	-11.379	-10.276
271	2.70	-6.033	-0.443	4.159	5.989	4.596	0.983	-2.956	-5.356	-5.211	-2.750
281	2.80	0.798	3.842	5.170	4.417	2.110	-0.676	-2.829	-3.622	-2.890	-0.941
291	2.90	1.674	4.382	6.700	8.249	8.720	7.896	5.750	2.555	-1.074	-4.298
301	3.00	-6.307	-6.627	-5.325	-3.002	-0.561	1.173	1.776	1.376	0.528	-0.104
311	3.10	-0.104	0.476	1.152	1.273	0.394	-1.437	-3.626	-5.259	-5.496	-3.965
321	3.20	-0.970	2.605	5.631	7.191	6.928	5.163	2.712	0.511	-0.772	-0.973
331	3.30	-0.417	0.329	0.777	0.770	0.513	0.406	0.753	1.535	2.368	2.677
341	3.40	2.018	0.357	-1.837	-3.756	-4.610	-4.005	-2.152	0.205	2.117	2.860
351	3.50	2.252	0.709	-0.988	-2.095	-2.264	-1.673	-0.879	-0.467	-0.698	-1.355
361	3.60	-1.864	-1.639	-0.461	1.334	2.965	3.579	2.709	0.556	-2.038	-3.961
371	3.70	-4.353	-3.035	-0.624	1.739	2.916	2.306	0.128	-2.673	-4.867	-5.482
381	3.80	-4.212	-1.502	1.716	4.475	6.179	6.767	6.593	6.102	5.528	4.780
391	3.90	3.586	1.795	-0.351	-2.176	-2.819	-1.682	1.163	4.836	7.911	8.996
401	4.00	7.388	3.478	-1.316	-5.096	-6.295	-4.386	-0.154	4.616	7.906	8.352
411	4.10	5.841	1.540	-2.659	-5.025	-4.772	-2.400	0.597	2.483	2.149	-0.340
421	4.20	-3.771	-6.383	-6.736	-4.433	-0.351	3.750	6.035	5.442	2.165	-2.450
431	4.30	-6.530	-8.526	-7.865	-5.131	-1.702	0.950	1.934	1.272	-0.239	-1.542
441	4.40	-1.907	-1.291	-0.293	0.249	-0.217	-1.588	-3.114	-3.766	-2.780	-0.102
451	4.50	3.511	6.774	8.432	7.807	5.093	1.262	-2.362	-4.654	-5.116	-4.003
461	4.60	-2.117	-0.398	0.498	0.429	-0.252	-0.935	-1.078	-0.446	0.808	2.254
471	4.70	3.398	3.895	3.675	2.937	2.037	1.335	1.066	1.276	1.835	2.514
481	4.80	3.072	3.347	3.301	3.020	2.673	2.430	2.385	2.498	2.596	2.435
491	4.90	1.812	0.690	-0.736	-2.055	-2.769	-2.481	-1.082	1.151	3.606	5.525

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

INDEX NO. 2028 712-GR-1-17 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 30.993 (GAL) T= 13.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	6.280	5.621	3.795	1.469	-0.518	-1.494	-1.238	-0.099	1.130	1.525
511	5.10	0.435	-2.202	-5.757	-9.094	-10.971	-10.529	-7.654	-3.086	1.803	5.481
521	5.20	6.802	5.427	1.954	-2.305	-5.799	-7.291	-6.295	-3.212	0.842	4.453
531	5.30	6.406	6.073	3.572	-0.331	-4.517	-7.886	-9.674	-9.632	-8.032	-5.535
541	5.40	-2.972	-1.099	-0.397	-0.948	-2.420	-4.167	-5.420	-5.529	-4.178	-1.496
551	5.50	1.979	5.478	8.264	9.870	10.220	9.584	8.394	7.005	5.541	3.868
561	5.60	1.740	-0.991	-4.198	-7.441	-10.102	-11.620	-11.730	-10.565	-8.595	-6.415
571	5.70	-4.502	-3.059	-2.006	-1.122	-0.227	0.687	1.458	1.878	1.850	1.479
581	5.80	1.029	0.765	0.769	0.855	0.845	-0.211	-1.786	-3.754	-5.464	-6.226
591	5.90	-5.657	-3.922	-1.719	0.013	0.527	-0.352	-2.101	-3.714	-4.158	-2.864
601	6.00	-0.022	3.479	6.429	7.822	7.273	5.132	2.263	-0.400	-2.265	-3.289
611	6.10	-3.853	-4.429	-5.207	-5.918	-5.952	-4.709	-1.998	1.736	5.504	8.157
621	6.20	8.881	7.558	4.825	1.789	-0.465	-1.333	-0.896	0.198	1.113	1.262
631	6.30	0.571	-0.529	-1.375	-1.438	-0.592	0.846	2.310	3.295	3.596	3.371
641	6.40	2.981	2.739	2.701	2.631	2.161	1.052	-0.597	-2.326	-3.485	-3.536
651	6.50	-2.311	-0.101	2.480	4.763	6.298	6.968	6.912	6.315	5.212	3.444
661	6.60	0.821	-2.611	-6.345	-9.426	-10.744	-9.519	-5.748	-0.375	4.951	8.466
671	6.70	9.001	6.480	1.976	-2.730	-5.896	-6.544	-4.827	-1.890	0.727	1.828
681	6.80	1.115	-0.710	-2.333	-2.495	-0.617	2.916	6.935	10.037	11.206	10.233
691	6.90	7.720	4.721	2.202	0.620	-0.186	-0.760	-1.594	-2.757	-3.785	-3.908
701	7.00	-2.491	0.520	4.440	8.007	9.870	9.138	5.779	0.662	-4.749	-8.934
711	7.10	-10.826	-10.126	-7.292	-3.270	0.889	4.370	6.749	7.968	8.193	7.641
721	7.20	6.491	4.868	2.902	0.778	-1.250	-2.908	-3.980	-4.370	-4.130	-3.433
731	7.30	-2.516	-1.605	-0.871	-0.393	-0.160	-0.093	-0.097	-0.122	-0.228	-0.607
741	7.40	-1.541	-3.276	-5.851	-8.954	-11.896	-13.758	-13.695	-11.297	-6.842	-1.307
751	7.50	3.919	7.534	8.829	7.982	5.979	4.175	3.670	4.799	6.955	8.871
761	7.60	9.230	7.319	3.425	-1.242	-5.064	-6.741	-5.881	-3.163	0.001	2.147
771	7.70	2.451	1.098	-0.862	-2.080	-1.625	0.520	3.430	5.700	6.165	4.519
781	7.80	1.517	-1.360	-2.609	-1.461	1.698	5.437	7.890	7.583	4.102	-1.696
791	7.90	-8.016	-12.843	-14.724	-13.279	-9.253	-4.129	0.489	3.454	4.373	3.576
801	8.00	1.809	-0.147	-1.764	-2.869	-3.566	-4.056	-4.481	-4.841	-4.997	-4.737
811	8.10	-3.852	-2.210	0.189	3.157	6.289	8.995	10.610	10.595	8.769	5.456
821	8.20	1.478	-2.078	-4.223	-4.459	-2.987	-0.649	1.402	2.171	1.219	-1.186
831	8.30	-4.223	-6.912	-8.522	-8.830	-8.098	-6.823	-5.400	-3.913	-2.151	0.164
841	8.40	3.078	6.229	8.916	10.387	10.209	8.505	5.929	3.364	1.515	0.597
851	8.50	0.296	0.027	-0.672	-1.820	-2.961	-3.443	-2.860	-1.413	0.067	0.472
861	8.60	-0.984	-4.237	-8.218	-11.203	-11.560	-8.561	-2.843	3.717	8.718	10.231
871	8.70	7.648	1.958	-4.643	-9.676	-11.392	-9.464	-4.925	0.218	4.075	5.564
881	8.80	4.775	2.730	0.763	-0.182	0.038	0.807	1.181	0.463	-1.393	-3.745
891	8.90	-5.594	-6.098	-5.006	-2.794	-0.450	0.985	0.885	-0.682	-2.993	-4.968
901	9.00	-5.606	-4.360	-1.319	2.833	7.047	10.226	11.522	10.556	7.519	3.133
911	9.10	-1.513	-5.226	-7.042	-6.514	-3.875	0.006	3.888	6.565	7.268	5.900
921	9.20	3.015	-0.451	-3.570	-5.752	-6.887	-7.226	-7.121	-6.749	-5.996	-4.557
931	9.30	-2.184	1.044	4.613	7.693	9.446	9.387	7.614	4.798	1.939	-0.022
941	9.40	-0.534	0.386	2.216	4.165	5.474	5.662	4.669	2.738	0.499	-1.403
951	9.50	-2.385	-2.103	-0.554	1.892	4.586	6.795	7.955	7.887	6.873	5.516
961	9.60	4.445	3.990	3.993	3.882	2.998	1.009	-1.809	-4.606	-6.342	-6.332
971	9.70	-4.685	-2.351	-0.721	-0.926	-3.198	-6.648	-9.613	-10.453	-8.414	-4.089
981	9.80	0.776	4.096	4.488	2.010	-1.791	-4.590	-4.419	-0.666	5.578	11.989
991	9.90	16.104	16.460	13.238	8.094	3.275	0.508	0.211	1.429	2.479	1.922

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

INDEX NO. 2028 712-GR-1-17 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 30.993 (GAL) T= 13.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.662	-4.509	-8.182	-10.428	-10.900	-10.320	-10.000	-10.993	-13.364	-16.005
1011	10.10	-17.126	-15.185	-9.767	-1.940	6.111	11.994	14.124	12.336	7.815	2.435
1021	10.20	-2.137	-5.097	-6.618	-7.421	-8.106	-8.649	-8.359	-6.321	-2.049	4.014
1031	10.30	10.476	15.487	17.519	16.043	11.774	6.358	1.659	-1.002	-1.317	0.020
1041	10.40	1.750	2.674	2.143	0.235	-2.412	-4.961	-6.720	-7.314	-6.655	-4.802
1051	10.50	-1.854	2.048	6.612	11.296	15.306	17.772	18.029	15.878	11.683	6.247
1061	10.60	0.509	-4.789	-9.302	-13.057	-16.239	-18.899	-20.777	-21.323	-19.939	-16.300
1071	10.70	-10.615	-3.662	3.395	9.357	13.340	14.974	14.419	12.202	9.015	5.548
1081	10.80	2.436	0.251	-0.523	0.408	2.958	6.517	9.947	11.851	11.034	7.027
1091	10.90	0.407	-7.263	-13.929	-17.801	-18.055	-15.159	-10.652	-6.431	-3.888	-3.274
1101	11.00	-3.626	-3.308	-0.926	3.832	9.852	14.959	16.854	14.204	7.373	-1.583
1111	11.10	-9.680	-14.205	-13.818	-9.059	-2.048	4.469	8.287	8.570	6.024	2.366
1121	11.20	-0.586	-1.750	-1.154	0.282	1.371	1.340	0.181	-1.467	-2.804	-3.430
1131	11.30	-3.631	-4.242	-6.134	-9.625	-14.137	-18.305	-20.511	-19.594	-15.389	-8.824
1141	11.40	-1.547	4.766	9.064	11.259	12.094	12.649	13.723	15.419	17.108	17.777
1151	11.50	16.574	13.281	8.488	3.387	-0.700	-2.657	-2.909	-1.448	0.475	1.813
1161	11.60	1.956	0.921	-0.743	-2.291	-3.186	-3.385	-3.368	-3.905	-5.657	-8.786
1171	11.70	-12.756	-16.431	-18.447	-17.718	-13.891	-7.553	-0.106	6.661	11.148	12.446
1181	11.80	10.593	6.487	1.503	-3.018	-6.217	-7.917	-8.523	-8.692	-8.921	-9.250
1191	11.90	-9.214	-8.062	-5.141	-0.284	5.989	12.555	18.036	21.280	21.781	19.850
1201	12.00	16.470	12.879	10.052	8.308	7.210	5.812	3.159	-1.177	-6.778	-12.423
1211	12.10	-16.514	-17.721	-15.569	-10.710	-4.746	0.365	3.057	2.776	0.185	-3.131
1221	12.20	-5.351	-5.195	-2.480	1.805	5.920	8.122	7.419	4.009	-0.786	-5.056
1231	12.30	-7.083	-6.038	-2.303	2.709	7.150	9.500	9.161	6.655	3.337	0.765
1241	12.40	0.004	1.160	3.355	5.135	5.161	2.845	-1.319	-5.907	-9.122	-9.542
1251	12.50	-6.714	-1.360	4.914	10.256	13.299	13.637	11.883	9.281	7.089	6.014
1261	12.60	5.961	6.176	5.704	3.884	0.668	-3.395	-7.463	-10.801	-13.059	-14.289
1271	12.70	-14.712	-14.418	-13.186	-10.573	-6.236	-0.314	6.353	12.352	16.138	16.625
1281	12.80	13.656	8.110	1.614	-4.041	-7.506	-8.254	-6.608	-3.652	0.132	3.289
1291	12.90	5.432	6.236	5.525	3.241	-0.466	-5.084	-9.675	-13.024	-14.017	-12.106
1301	13.00	-7.635	-1.827	3.612	7.141	7.985	6.429	3.628	1.042	-0.256	-0.042
1311	13.10	1.018	1.799	1.370	-0.441	-2.872	-4.533	-4.055	-0.789	4.785	11.118
1321	13.20	16.106	17.842	15.294	8.662	-0.696	-10.708	-19.197	-24.456	-25.613	-22.736
1331	13.30	-16.712	-8.971	-1.135	5.320	9.365	10.609	9.342	6.404	2.910	-0.106
1341	13.40	-2.002	-2.665	-2.445	-1.909	-1.540	-1.532	-1.774	-2.024	-2.173	-2.423
1351	13.50	-3.266	-5.236	-8.536	-12.741	-16.730	-18.956	-17.968	-12.988	-4.318	6.620
1361	13.60	17.626	26.355	30.993	30.751	26.027	18.211	9.222	0.980	-5.049	-8.101
1371	13.70	-8.153	-5.777	-1.911	2.387	6.150	8.644	9.446	8.455	5.862	2.074
1381	13.80	-2.366	-6.862	-10.829	-13.739	-15.167	-14.848	-12.745	-9.100	-4.454	0.413
1391	13.90	4.625	7.408	8.286	7.207	4.562	1.074	-2.376	-4.965	-6.097	-5.509
1401	14.00	-3.312	0.024	3.739	6.904	8.600	8.159	5.392	0.748	-4.716	-9.573
1411	14.10	-12.442	-12.456	-9.582	-4.674	0.818	5.364	7.912	8.239	6.962	5.207
1421	14.20	4.084	4.204	5.459	7.123	8.238	8.052	6.343	3.468	0.171	-2.752
1431	14.30	-4.737	-5.590	-5.446	-4.619	-3.472	-2.351	-1.599	-1.570	-2.561	-4.663
1441	14.40	-7.571	-10.516	-12.395	-12.137	-9.174	-3.814	2.681	8.415	11.484	10.685
1451	14.50	6.004	-1.307	-9.132	-15.197	-17.818	-16.410	-11.577	-4.815	2.051	7.436
1461	14.60	10.392	10.741	8.960	5.916	2.586	-0.184	-1.818	-2.080	-1.071	0.831
1471	14.70	3.073	5.089	6.451	6.996	6.844	6.316	5.771	5.433	5.294	5.132
1481	14.80	4.641	3.609	2.061	0.287	-1.243	-2.065	-1.901	-0.794	0.895	2.585
1491	14.90	3.667	3.709	2.619	0.709	-1.361	-2.754	-2.714	-0.837	2.738	7.300

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

INDEX NO. 2028 712-GR-1-17 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 30.993 (GAL) T= 13.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	11.724	14.806	15.651	13.975	10.188	5.230	0.201	-4.033	-7.106	-9.159
1511	15.10	-10.611	-11.834	-12.893	-13.517	-13.302	-12.022	-9.863	-7.415	-5.390	-4.200
1521	15.20	-3.629	-2.820	-0.628	3.769	10.303	17.790	24.207	27.418	26.046	20.118
1531	15.30	11.173	1.755	-5.512	-8.896	-8.163	-4.579	-0.336	2.364	2.157	-1.027
1541	15.40	-6.052	-11.124	-14.544	-15.343	-13.568	-10.144	-6.422	-3.626	-2.417	-2.746
1551	15.50	-3.995	-5.331	-6.100	-6.099	-5.623	-5.279	-5.655	-6.989	-8.984	-10.865
1561	15.60	-11.664	-10.640	-7.647	-3.293	1.208	4.449	5.362	3.645	-0.092	-4.539
1571	15.70	-8.174	-9.816	-9.025	-6.179	-2.219	1.804	5.168	7.702	9.709	11.665
1581	15.80	13.852	16.129	17.943	18.577	17.501	14.644	10.480	5.866	1.749	-1.146
1591	15.90	-2.499	-2.405	-1.236	0.549	2.553	4.501	6.212	7.547	8.371	8.571
1601	16.00	8.106	7.044	5.558	3.881	2.220	0.708	-0.621	-1.800	-2.884	-3.917
1611	16.10	-4.923	-5.919	-6.923	-7.933	-8.893	-9.668	-10.059	-9.876	-9.041	-7.663
1621	16.20	-6.026	-4.481	-3.265	-2.346	-1.384	0.145	2.689	6.339	10.669	14.782
1631	16.30	17.593	18.221	16.338	12.316	7.102	1.865	-2.428	-5.323	-6.960	-7.898
1641	16.40	-8.786	-10.039	-11.663	-13.287	-14.378	-14.496	-13.477	-11.470	-8.818	-5.882
1651	16.50	-2.898	0.054	2.963	5.760	8.207	9.902	10.387	9.319	6.622	2.552
1661	16.60	-2.349	-7.399	-11.924	-15.391	-17.451	-17.936	-16.820	-14.205	-10.326	-5.575
1671	16.70	-0.508	4.214	7.928	10.117	10.527	9.227	6.588	3.181	-0.346	-3.382
1681	16.80	-5.427	-6.135	-5.342	-3.093	0.322	4.355	8.252	11.188	12.474	11.770
1691	16.90	9.235	5.522	1.610	-1.491	-3.057	-2.869	-1.252	1.088	3.345	4.916
1701	17.00	5.576	5.496	5.089	4.785	4.830	5.213	5.712	6.042	5.992	5.501
1711	17.10	4.623	3.444	1.998	0.250	-1.821	-4.106	-6.283	-7.839	-8.232	-7.118
1721	17.20	-4.555	-1.070	2.480	5.193	6.462	6.207	4.889	3.299	2.198	1.962
1731	17.30	2.407	2.861	2.463	0.564	-2.946	-7.527	-12.141	-15.609	-17.017	-16.030
1741	17.40	-12.972	-8.685	-4.215	-0.467	2.045	3.281	3.586	3.493	3.503	3.935
1751	17.50	4.865	6.161	7.574	8.829	9.694	10.010	9.689	8.704	7.077	4.877
1761	17.60	2.221	-0.732	-3.785	-6.721	-9.319	-11.356	-12.628	-12.953	-12.209	-10.367
1771	17.70	-7.537	-4.003	-0.212	3.276	5.895	7.209	7.039	5.534	3.163	0.602
1781	17.80	-1.439	-2.413	-2.084	-0.582	1.663	4.071	6.105	7.421	7.937	7.788
1791	17.90	7.211	6.411	5.477	4.388	3.088	1.606	0.131	-0.999	-1.402	-0.813
1801	18.00	0.762	2.992	5.283	6.959	7.480	6.625	4.550	1.720	-1.269	-3.890
1811	18.10	-5.833	-7.052	-7.692	-7.964	-8.013	-7.857	-7.409	-6.562	-5.301	-3.765
1821	18.20	-2.243	-1.098	-0.665	-1.046	-2.249	-3.994	-5.886	-7.495	-8.453	-8.529
1831	18.30	-7.669	-5.989	-3.740	-1.259	1.110	3.086	4.514	5.392	5.861	6.136
1841	18.40	6.402	6.726	6.997	6.950	6.270	4.743	2.387	-0.483	-3.311	-5.460
1851	18.50	-6.440	-6.091	-4.668	-2.770	-1.130	-0.354	-0.695	-1.969	-3.638	-5.033
1861	18.60	-5.628	-5.238	-4.080	-2.667	-1.474	-0.879	-0.812	-0.868	-0.464	0.886
1871	18.70	3.323	6.534	9.821	12.340	13.404	12.737	10.573	7.570	4.563	2.269
1881	18.80	1.050	0.821	1.135	1.387	1.067	-0.052	-1.846	-3.920	-5.773	-6.986
1891	18.90	-7.363	-6.964	-6.043	-4.928	-3.887	-3.057	-2.437	-1.939	-1.480	-1.041
1901	19.00	-0.692	-0.555	-0.737	-1.262	-2.031	-2.842	-3.442	-3.617	-3.256	-2.389
1911	19.10	-1.177	0.141	1.313	2.138	2.495	2.350	1.745	0.771	-0.443	-1.735
1921	19.20	-2.917	-3.782	-4.134	-3.837	-2.853	-1.277	0.675	2.715	4.559	6.003
1931	19.30	6.974	7.526	7.785	7.674	7.840	7.633	7.135	6.247	4.971	3.460
1941	19.40	1.996	0.892	0.367	0.427	0.831	1.153	0.927	-0.170	-2.192	-4.877
1951	19.50	-7.730	-10.181	-11.759	-12.224	-11.595	-10.091	-8.023	-5.686	-3.312	-1.077
1961	19.60	0.853	2.269	3.041	2.990	2.189	0.922	-0.319	-0.962	-0.540	1.130
1971	19.70	3.855	7.105	10.176	12.422	13.450	13.227	12.044	10.377	8.697	7.318
1981	19.80	6.335	5.659	5.121	4.587	4.036	3.562	3.311	3.395	3.810	4.403
1991	19.90	4.896	4.955	4.279	2.688	0.171	-3.098	-6.796	-10.509	-13.818	-16.372

Table 7－20－5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 2028 712-GR-1-17 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 30.993 (GAL) T= 13.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-17.956	-18.517	-18.156	-17.086	-15.568	-13.845	-12.087	-10.359	-8.627	-6.793
2011	20.10	-4.741	-2.411	0.159	2.802	5.247	7.187	8.384	8.772	8.514	7.980
2021	20.20	7.629	7.832	8.701	9.994	11.167	11.560	10.663	8.347	4.963	1.243
2031	20.30	-1.958	-3.990	-4.642	-4.197	-3.272	-2.510	-2.280	-2.516	-2.777	-2.498
2041	20.40	-1.312	0.726	3.112	5.091	5.983	5.487	3.815	1.605	-0.352	-1.438
2051	20.50	-1.433	-0.558	0.668	1.681	2.092	1.796	0.936	-0.234	-1.484	-2.680
2061	20.60	-3.761	-4.665	-5.266	-5.393	-4.916	-3.867	-2.501	-1.261	-0.623	-0.898
2071	20.70	-2.079	-3.808	-5.504	-6.588	-6.712	-5.896	-4.505	-3.081	-2.114	-1.836
2081	20.80	-2.129	-2.583	-2.662	-1.915	-0.146	2.500	5.573	8.443	10.466	11.151
2091	20.90	10.291	8.000	4.692	0.964	-2.553	-5.352	-7.168	-8.015	-8.136	-7.884
2101	21.00	-7.586	-7.432	-7.450	-7.537	-7.545	-7.357	-6.915	-6.205	-5.208	-3.875
2111	21.10	-2.151	-0.043	2.296	4.538	6.226	6.919	6.361	4.613	2.067	-0.664
2121	21.20	-2.967	-4.335	-4.678	-4.116	-2.951	-1.489	0.074	1.659	3.218	4.627
2131	21.30	5.627	5.881	5.131	3.371	0.951	-1.483	-3.188	-3.609	-2.608	-0.532
2141	21.40	1.916	3.952	5.019	4.988	4.164	3.112	2.383	2.272	2.716	3.362
2151	21.50	3.768	3.623	2.883	1.777	0.668	-0.125	-0.477	-0.497	-0.452	-0.618
2161	21.60	-1.141	-1.973	-2.899	-3.652	-4.035	-4.000	-3.653	-3.171	-2.699	-2.260
2171	21.70	-1.738	-0.930	0.355	2.187	4.457	6.881	9.081	10.683	11.426	11.219
2181	21.80	10.141	8.400	6.257	3.961	1.709	-0.375	-2.228	-3.834	-5.222	-6.455
2191	21.90	-7.622	-8.816	-10.085	-11.390	-12.569	-13.344	-13.387	-12.420	-10.328	-7.228
2201	22.00	-3.468	0.457	4.049	6.944	8.992	10.254	10.901	11.096	10.889	10.204
2211	22.10	8.914	6.971	4.522	1.949	-0.218	-1.473	-1.531	-0.464	1.292	3.071
2221	22.20	4.200	4.236	3.102	1.101	-1.212	-3.232	-4.497	-4.809	-4.240	-3.051
2231	22.30	-1.566	-0.058	1.304	2.458	3.403	4.152	4.703	5.037	5.144	5.036
2241	22.40	4.762	4.393	3.998	3.623	3.283	2.962	2.633	2.268	1.853	1.389
2251	22.50	0.893	0.403	-0.023	-0.310	-0.378	-0.165	0.348	1.116	2.027	2.928
2261	22.60	3.661	4.107	4.223	4.045	3.665	3.195	2.727	2.307	1.936	1.587
2271	22.70	1.224	0.828	0.393	-0.073	-0.566	-1.082	-1.612	-2.124	-2.555	-2.819
2281	22.80	-2.828	-2.543	-2.007	-1.366	-0.848	-0.705	-1.138	-2.228	-3.899	-5.934
2291	22.90	-8.030	-9.882	-11.262	-12.060	-12.289	-12.045	-11.450	-10.604	-9.553	-8.302
2301	23.00	-6.834	-5.153	-3.304	-1.379	0.497	2.188	3.573	4.563	5.107	5.196
2311	23.10	4.865	4.191	3.298	2.362	1.495	0.919	0.733	0.995	1.687	2.726
2321	23.20	3.973	5.258	6.396	7.209	7.547	7.308	6.467	5.088	3.317	1.360
2331	23.30	-0.574	-2.321	-3.801	-5.028	-6.077	-7.026	-7.903	-8.661	-9.191	-9.376
2341	23.40	-9.155	-8.571	-7.763	-6.922	-6.206	-5.666	-5.216	-4.661	-3.788	-2.469
2351	23.50	-0.752	1.121	2.758	3.743	3.773	2.778	0.972	-1.186	-3.118	-4.291
2361	23.60	-4.387	-3.405	-1.665	0.287	1.859	2.611	2.411	1.476	0.302	-0.527
2371	23.70	-0.558	0.354	1.978	3.790	5.173	5.649	5.067	3.652	1.912	0.432
2381	23.80	-0.354	-0.318	0.339	1.207	1.864	2.057	1.812	1.396	1.188	1.496
2391	23.90	2.423	3.820	5.354	6.635	7.363	7.408	6.823	5.781	4.485	3.093
2401	24.00	1.700	0.352	-0.909	-2.022	-2.910	-3.523	-3.882	-4.100	-4.358	-4.833
2411	24.10	-5.617	-6.650	-7.723	-8.540	-8.831	-8.463	-7.510	-6.241	-5.035	-4.247
2421	24.20	-4.079	-4.500	-5.253	-5.938	-6.138	-5.551	-4.067	-1.785	1.043	4.095
2431	24.30	7.064	9.709	11.864	13.420	14.292	14.414	13.751	12.341	10.329	7.967
2441	24.40	5.587	3.520	2.017	1.185	0.966	1.171	1.552	1.881	2.010	1.890
2451	24.50	1.556	1.081	0.533	-0.047	-0.647	-1.272	-1.921	-2.581	-3.235	-3.873
2461	24.60	-4.504	-5.154	-5.845	-6.575	-7.293	-7.904	-8.283	-8.309	-7.904	-7.056
2471	24.70	-5.824	-4.331	-2.735	-1.206	0.094	1.034	1.526	1.543	1.126	0.392
2481	24.80	-0.476	-1.257	-1.739	-1.770	-1.294	-0.372	0.836	2.117	3.260	4.114
2491	24.90	4.616	4.793	4.735	4.555	4.353	4.195	4.111	4.114	4.212	4.421

Table 7－20－6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 2028 712-GR-1-17 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 30.993 (GAL) T= 13.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	4.758	5.225	5.795	6.404	6.959	7.364	7.540	7.438	7.043	6.354
2511	25.10	5.375	4.109	2.579	0.848	-0.949	-2.613	-3.911	-4.640	-4.692	-4.104
2521	25.20	-3.050	-1.802	-0.645	0.190	0.572	0.468	-0.096	-1.067	-2.384	-3.954
2531	25.30	-5.617	-7.123	-8.153	-8.409	-7.725	-6.162	-4.029	-1.796	0.067	1.277
2541	25.40	1.856	2.116	2.526	3.484	5.116	7.195	9.201	10.532	10.747	9.755
2551	25.50	7.849	5.580	3.528	2.068	1.247	0.804	0.333	-0.500	-1.787	-3.326
2561	25.60	-4.704	-5.472	-5.325	-4.223	-2.399	-0.265	1.726	3.211	3.995	4.056
2571	25.70	3.505	2.523	1.305	0.027	-1.177	-2.218	-3.065	-3.738	-4.294	-4.796
2581	25.80	-5.275	-5.696	-5.958	-5.924	-5.471	-4.551	-3.220	-1.634	-0.006	1.447
2591	25.90	2.556	3.217	3.391	3.081	2.327	1.214	-0.113	-1.436	-2.486	-2.992
2601	26.00	-2.767	-1.780	-0.182	1.717	3.542	4.958	5.769	5.953	5.639	5.028
2611	26.10	4.303	3.570	2.840	2.060	1.172	0.160	-0.929	-2.000	-2.952	-3.715
2621	26.20	-4.277	-4.677	-4.983	-5.259	-5.538	-5.820	-6.072	-6.243	-6.288	-6.171
2631	26.30	-5.874	-5.403	-4.782	-4.050	-3.258	-2.450	-1.660	-0.897	-0.156	0.579
2641	26.40	1.311	2.020	2.655	3.147	3.425	3.441	3.183	2.680	1.989	1.178
2651	26.50	0.312	-0.557	-1.392	-2.164	-2.850	-3.425	-3.870	-4.167	-4.309	-4.294
2661	26.60	-4.133	-3.848	-3.472	-3.054	-2.643	-2.276	-1.968	-1.694	-1.409	-1.064
2671	26.70	-0.653	-0.235	0.060	0.069	-0.344	-1.207	-2.403	-3.672	-4.685	-5.148
2681	26.80	-4.910	-4.026	-2.738	-1.395	-0.325	0.281	0.421	0.268	0.082	0.102
2691	26.90	0.457	1.128	1.973	2.798	3.429	3.762	3.776	3.513	3.036	2.411
2701	27.00	1.685	0.900	0.097	-0.677	-1.381	-1.984	-2.477	-2.863	-3.140	-3.284
2711	27.10	-3.251	-2.992	-2.491	-1.787	-0.990	-0.252	0.276	0.502	0.428	0.145
2721	27.20	-0.198	-0.449	-0.504	-0.326	0.060	0.596	1.227	1.915	2.635	3.358
2731	27.30	4.037	4.603	4.986	5.137	5.052	4.770	4.361	3.899	3.445	3.037
2741	27.40	2.710	2.507	2.487	2.709	3.208	3.964	4.886	5.837	6.661	7.240
2751	27.50	7.518	7.507	7.264	6.855	6.326	5.698	4.978	4.178	3.319	2.424
2761	27.60	1.495	0.499	-0.616	-1.884	-3.268	-4.627	-5.735	-6.348	-6.310	-5.637
2771	27.70	-4.539	-3.367	-2.475	-2.085	-2.184	-2.527	-2.740	-2.479	-1.584	-0.149
2781	27.80	1.510	2.982	3.919	4.159	3.762	2.957	2.022	1.176	0.505	-0.039
2791	27.90	-0.579	-1.240	-2.082	-3.077	-4.116	-5.034	-5.642	-5.756	-5.231	-3.996
2801	28.00	-2.096	0.282	2.819	5.130	6.865	7.822	8.016	7.673	7.136	6.727
2811	28.10	6.612	6.744	6.902	6.810	6.280	5.302	4.046	2.769	1.677	0.829
2821	28.20	0.111	-0.677	-1.689	-2.910	-4.128	-5.006	-5.250	-4.762	-3.736	-2.605
2831	28.30	-1.891	-1.992	-3.014	-4.721	-6.628	-8.191	-9.012	-8.983	-8.293	-7.325
2841	28.40	-6.472	-5.981	-5.862	-5.918	-5.849	-5.394	-4.433	-3.018	-1.331	0.408
2851	28.50	2.025	3.436	4.641	5.671	6.536	7.198	7.580	7.612	7.277	6.630
2861	28.60	5.781	4.850	3.911	2.969	1.972	0.863	-0.356	-1.581	-2.621	-3.256
2871	28.70	-3.328	-2.812	-1.850	-0.709	0.306	0.954	1.135	0.907	0.447	-0.032
2881	28.80	-0.353	-0.434	-0.289	-0.007	0.296	0.506	0.538	0.348	-0.062	-0.625
2891	28.90	-1.208	-1.630	-1.714	-1.358	-0.608	0.329	1.125	1.463	1.173	0.335
2901	29.00	-0.716	-1.514	-1.660	-1.004	0.255	1.642	2.601	2.745	2.042	0.835
2911	29.10	-0.314	-0.885	-0.658	0.179	1.103	1.510	0.997	-0.432	-2.356	-4.120
2921	29.20	-5.127	-5.099	-4.187	-2.881	-1.776	-1.297	-1.527	-2.200	-2.855	-3.069
2931	29.30	-2.652	-1.713	-0.594	0.303	0.688	0.475	-0.218	-1.162	-2.129	-2.965
2941	29.40	-3.599	-4.010	-4.169	-4.037	-3.585	-2.857	-2.000	-1.248	-0.839	-0.913
2951	29.50	-1.432	-2.169	-2.787	-2.965	-2.528	-1.515	-0.152	1.245	2.402	3.182
2961	29.60	3.609	3.808	3.901	3.915	3.741	3.187	2.074	0.360	-1.788	-4.012
2971	29.70	-5.859	-6.934	-7.047	-6.293	-5.024	-3.727	-2.847	-2.619	-2.981	-3.606
2981	29.80	-4.027	-3.832	-2.832	-1.146	0.842	2.617	3.735	3.980	3.438	2.443
2991	29.90	1.438	0.797	0.688	1.034	1.572	1.987	2.052	1.723	1.149	0.608

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

INDEX NO. 2028 712-GR-1-17 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 30.993 (GAL) T= 13.63 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.388	0.682	1.518	2.751	4.112	5.285	5.986	6.030	5.367	4.094
3011	30.10	2.433	0.686	-0.823	-1.823	-2.153	-1.801	-0.894	0.343	1.660	2.852
3021	30.20	3.803	4.492	4.964	5.278	5.465	5.516	5.390	5.050	4.491	3.761
3031	30.30	2.946	2.149	1.456	0.913	0.522	0.246	0.027	-0.196	-0.466	-0.816
3041	30.40	-1.244	-1.722	-2.206	-2.645	-3.001	-3.265	-3.456	-3.605	-3.731	-3.812
3051	30.50	-3.782	-3.558	-3.080	-2.361	-1.501	-0.667	-0.025	0.337	0.460	0.502
3061	30.60	0.667	1.093	1.766	2.492	2.964	2.907	2.219	1.062	-0.163	-0.956
3071	30.70	-0.916	0.079	1.798	3.720	5.222	5.806	5.280	3.818	1.885	0.052
3081	30.80	-1.204	-1.643	-1.305	-0.440	0.619	1.580	2.266	2.618	2.653	2.407
3091	30.90	1.910	1.193	0.324	-0.572	-1.320	-1.747	-1.749	-1.347	-0.689	-0.010
3101	31.00	0.460	0.571	0.303	-0.248	-0.925	-1.577	-2.104	-2.462	-2.625	-2.555
3111	31.10	-2.186	-1.452	-0.351	1.000	2.361	3.419	3.907	3.714	2.959	1.961
3121	31.20	1.130	0.800	1.094	1.872	2.793	3.464	3.612	3.199	2.430	1.655
3131	31.30	1.206	1.251	1.731	2.392	2.907	3.015	2.615	1.789	0.738	-0.321
3141	31.40	-1.241	-1.988	-2.621	-3.230	-3.874	-4.550	-5.198	-5.738	-6.105	-6.282
3151	31.50	-6.286	-6.156	-5.929	-5.629	-5.271	-4.871	-4.451	-4.034	-3.634	-3.248
3161	31.60	-2.858	-2.446	-2.010	-1.572	-1.165	-0.809	-0.484	-0.128	0.340	0.977
3171	31.70	1.768	2.608	3.318	3.705	3.631	3.071	2.127	1.003	-0.063	-0.863
3181	31.80	-1.271	-1.260	-0.887	-0.266	0.477	1.209	1.826	2.253	2.454	2.431
3191	31.90	2.214	1.846	1.355	0.745	-0.007	-0.918	-1.973	-3.099	-4.168	-5.041
3201	32.00	-5.617	-5.879	-5.902	-5.809	-5.710	-5.645	-5.571	-5.399	-5.068	-4.606
3211	32.10	-4.136	-3.825	-3.780	-3.965	-4.184	-4.156	-3.651	-2.619	-1.252	0.080
3221	32.20	0.989	1.248	0.911	0.289	-0.189	-0.187	0.377	1.293	2.172	2.645
3231	32.30	2.568	2.007	1.355	0.958	1.013	1.448	1.964	2.209	1.975	1.322
3241	32.40	0.564	0.106	0.236	0.963	1.998	2.885	3.212	2.811	1.827	0.657
3251	32.50	-0.228	-0.480	0.007	1.093	2.493	3.914	5.151	6.114	6.780	7.127
3261	32.60	7.096	6.612	5.653	4.308	2.785	1.357	0.256	-0.415	-0.719	-0.836
3271	32.70	-0.961	-1.201	-1.532	-1.826	-1.942	-1.814	-1.497	-1.136	-0.873	-0.761
3281	32.80	-0.725	-0.597	-0.220	0.454	1.315	2.129	2.656	2.775	2.553	2.231
3291	32.90	2.107	2.386	3.062	3.903	4.537	4.617	3.975	2.715	1.178	-0.178
3301	33.00	-0.955	-0.952	-0.229	0.938	2.172	3.131	3.610	3.574	3.128	2.435
3311	33.10	1.637	0.812	-0.034	-0.933	-1.903	-2.908	-3.847	-4.575	-4.948	-4.876
3321	33.20	-4.357	-3.491	-2.455	-1.456	-0.668	-0.189	-0.010	-0.028	-0.089	-0.039
3331	33.30	0.223	0.712	1.365	2.067	2.694	3.158	3.423	3.505	3.449	3.302
3341	33.40	3.085	2.788	2.383	1.842	1.168	0.405	-0.356	-0.997	-1.401	-1.494
3351	33.50	-1.272	-0.816	-0.279	0.148	0.302	0.098	-0.431	-1.132	-1.773	-2.122
3361	33.60	-2.025	-1.462	-0.560	0.459	1.351	1.939	2.161	2.075	1.807	1.477
3371	33.70	1.143	0.781	0.320	-0.300	-1.065	-1.869	-2.556	-2.990	-3.136	-3.096
3381	33.80	-3.077	-3.292	-3.853	-4.682	-5.509	-5.967	-5.735	-4.690	-2.986	-1.026
3391	33.90	0.672	1.663	1.737	0.990	-0.223	-1.430	-2.229	-2.420	-2.055	-1.363
3401	34.00	-0.627	-0.040	0.367	0.715	1.179	1.871	2.757	3.648	4.276	4.410
3411	34.10	3.966	3.052	1.935	0.938	0.319	0.188	0.478	0.996	1.503	1.801
3421	34.20	1.786	1.454	0.868	0.119	-0.710	-1.549	-2.341	-3.036	-3.594	-3.997
3431	34.30	-4.267	-4.464	-4.665	-4.933	-5.281	-5.669	-6.024	-6.286	-6.443	-6.551
3441	34.40	-6.703	-6.968	-7.331	-7.662	-7.741	-7.342	-6.327	-4.726	-2.755	-0.755

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

INDEX NO. 2029 712-GR-1-17 HB. (HB.) EDOGAWA EMB. MAX. ACC. = -154.498 (GAL) T= 12.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.664	6.557	8.647	9.343	8.440	6.243	3.503	1.161	-0.005	0.323
11	0.10	1.887	3.982	5.770	6.651	6.512	5.742	5.011	4.911	5.644	6.896
21	0.20	7.980	8.170	7.070	4.838	2.166	-0.004	-0.868	-0.094	2.052	4.842
31	0.30	7.398	9.042	9.506	8.949	7.783	6.427	5.128	3.927	2.761	1.626
41	0.40	0.681	0.222	0.526	1.660	3.353	5.034	6.021	5.797	4.245	1.721
51	0.50	-1.054	-3.250	-4.223	-3.718	-1.930	0.610	3.227	5.316	6.488	6.622
61	0.60	5.840	4.436	2.799	1.327	0.354	0.071	0.469	1.332	2.297	2.980
71	0.70	3.130	2.744	2.069	1.492	1.335	1.669	2.233	2.530	2.051	0.565
81	0.80	-1.703	-4.083	-5.689	-5.786	-4.124	-1.101	2.348	5.091	6.233	5.461
91	0.90	3.149	0.190	-2.379	-3.785	-3.795	-2.744	-1.329	-0.266	0.019	-0.450
101	1.00	-1.266	-1.867	-1.829	-1.068	0.114	1.164	1.529	0.894	-0.665	-2.700
111	1.10	-4.549	-5.569	-5.361	-3.907	-1.573	1.016	3.164	4.314	4.197	2.894
121	1.20	0.793	-1.537	-3.509	-4.676	-4.834	-4.050	-2.614	-0.938	0.565	1.572
131	1.30	1.900	1.506	0.457	-1.108	-2.998	-4.970	-6.731	-7.949	-8.309	-7.604
141	1.40	-5.831	-3.249	-0.368	2.163	3.722	3.904	2.651	0.273	-2.647	-5.432
151	1.50	-7.505	-8.541	-8.500	-7.579	-6.085	-4.313	-2.474	-0.696	0.929	2.278
161	1.60	3.181	3.461	3.011	1.883	0.321	-1.279	-2.490	-2.992	-2.690	-1.741
171	1.70	-0.505	0.592	1.195	1.131	0.439	-0.660	-1.852	-2.819	-3.315	-3.208
181	1.80	-2.498	-1.318	0.080	1.361	2.174	2.255	1.529	0.173	-1.399	-2.654
191	1.90	-3.132	-2.637	-1.341	0.258	1.520	1.937	1.360	0.082	-1.279	-2.047
201	2.00	-1.807	-0.604	1.057	2.431	2.870	2.122	0.448	-1.500	-2.984	-3.524
211	2.10	-3.099	-2.127	-1.219	-0.842	-1.071	-1.554	-1.724	-1.136	0.222	1.851
221	2.20	2.921	2.669	0.802	-2.272	-5.536	-7.733	-7.903	-5.785	-1.974	2.282
231	2.30	5.556	6.769	5.581	2.478	-1.444	-4.894	-6.828	-6.750	-4.797	-1.611
241	2.40	1.912	4.888	6.658	6.904	5.678	3.365	0.594	-1.905	-3.473	-3.701
251	2.50	-2.569	-0.468	1.910	3.794	4.612	4.186	2.788	1.024	-0.413	-1.009
261	2.60	-0.594	0.633	2.233	3.723	4.746	5.147	4.952	4.286	3.299	2.150
271	2.70	1.022	0.151	-0.216	0.088	1.017	2.248	3.233	3.399	2.411	0.390
281	2.80	-2.053	-4.012	-4.648	-3.574	-1.072	1.968	4.391	5.244	4.182	1.611
291	2.90	-1.497	-4.021	-5.157	-4.719	-3.147	-1.230	0.300	1.098	1.310	1.415
301	3.00	1.894	2.928	4.270	5.365	5.656	4.897	3.322	1.559	0.343	0.155
311	3.10	0.978	2.298	3.338	3.428	2.331	0.360	-1.758	-3.203	-3.428	-2.382
321	3.20	-0.518	1.421	2.726	2.988	2.226	0.806	-0.770	-2.093	-2.995	-3.553
331	3.30	-3.977	-4.462	-4.967	-5.389	-5.432	-4.840	-3.497	-1.497	0.871	3.190
341	3.40	5.022	6.004	5.931	4.809	2.869	0.538	-1.650	-3.184	-3.738	-3.289
351	3.50	-2.156	-0.900	-0.115	-0.181	-1.075	-2.348	-3.288	-3.223	-1.840	0.626
361	3.60	3.439	5.636	6.430	5.567	3.466	1.076	-0.508	-0.517	1.151	3.857
371	3.70	6.463	7.802	7.162	4.595	0.918	-2.597	-4.713	-4.700	-2.599	0.808
381	3.80	4.311	6.722	7.285	5.904	3.110	-0.184	-3.039	-4.802	-5.271	-4.676
391	3.90	-3.505	-2.266	-1.291	-0.644	-0.162	0.407	1.249	2.365	3.549	4.461
401	4.00	4.752	4.205	2.821	0.826	-1.389	-3.382	-4.772	-5.321	-4.974	-3.848
411	4.10	-2.198	-0.358	1.314	2.499	2.975	2.669	1.680	0.260	-1.255	-2.543
421	4.20	-3.403	-3.810	-3.898	-3.879	-3.915	-4.018	-4.034	-3.712	-2.850	-1.439
431	4.30	0.274	1.837	2.771	2.769	1.862	0.426	-0.954	-1.731	-1.641	-0.832
441	4.40	0.193	0.793	0.484	-0.826	-2.765	-4.625	-5.665	-5.321	-3.624	-1.023
451	4.50	1.683	3.660	4.338	3.598	1.785	-0.444	-2.376	-3.482	-3.580	-2.849
461	4.60	-1.729	-0.732	-0.261	-0.479	-1.267	-2.286	-3.100	-3.328	-2.781	-1.529
471	4.70	0.107	1.651	2.622	2.698	1.832	0.286	-1.441	-2.774	-3.247	-2.670
481	4.80	-1.190	0.759	2.605	3.828	4.134	3.527	2.280	0.814	-0.460	-1.276
491	4.90	-1.566	-1.443	-1.108	-0.755	-0.503	-0.378	-0.339	-0.350	-0.391	-0.473

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

INDEX NO. 2029 712-GR-1-17 HB. (HB.) EDOGAWA EMB. MAX. ACC. = -154.498 (GAL) T= 12.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.600	-0.730	-0.759	-0.556	-0.031	0.775	1.653	2.254	2.197	1.232
511	5.10	-0.608	-2.948	-5.128	-6.392	-6.150	-4.217	-0.939	2.853	6.078	7.739
521	5.20	7.258	4.686	0.711	-3.559	-6.948	-8.597	-8.230	-6.212	-3.388	-0.757
531	5.30	0.886	1.215	0.444	-0.798	-1.742	-1.781	-0.688	1.321	3.689	5.724
541	5.40	6.831	6.675	5.249	2.840	-0.065	-2.902	-5.134	-6.339	-6.285	-4.983
551	5.50	-2.720	-0.018	2.465	4.111	4.533	3.717	2.038	0.135	-1.320	-1.871
561	5.60	-1.444	-0.345	0.902	1.802	2.111	1.923	1.596	1.545	2.025	3.006
571	5.70	4.202	5.228	5.801	5.866	5.591	5.218	4.887	4.514	3.821	2.504
581	5.80	0.459	-2.067	-4.479	-6.035	-6.136	-4.595	-1.741	1.684	4.792	6.864
591	5.90	7.565	6.994	5.548	3.711	1.858	0.174	-1.311	-2.611	-3.691	-4.446
601	6.00	-4.761	-4.595	-4.035	-3.259	-2.439	-1.636	-0.763	0.339	1.750	3.321
611	6.10	4.642	5.151	4.390	2.271	-0.773	-3.852	-5.904	-6.094	-4.167	-0.588
621	6.20	3.586	7.077	8.835	8.388	5.972	2.387	-1.324	-4.239	-5.814	-5.958
631	6.30	-4.935	-3.177	-1.107	0.947	2.747	4.086	4.759	4.588	3.518	1.700
641	6.40	-0.474	-2.459	-3.727	-3.969	-3.217	-1.841	-0.390	0.639	1.018	0.872
651	6.50	0.604	0.690	1.432	2.794	4.394	5.655	6.040	5.271	3.429	0.902
661	6.60	-1.788	-4.184	-6.021	-7.241	-7.907	-8.076	-7.722	-6.764	-5.163	-3.050
671	6.70	-0.768	1.198	2.398	2.631	2.059	1.181	0.625	0.869	1.998	3.635
681	6.80	5.080	5.614	4.827	2.841	0.291	-1.913	-2.952	-2.448	-0.634	1.725
691	6.90	3.623	4.208	3.108	0.582	-2.579	-5.343	-6.802	-6.492	-4.543	-1.620
701	7.00	1.307	3.291	3.707	2.434	-0.140	-3.265	-6.099	-7.978	-8.604	-8.093
711	7.10	-6.876	-5.485	-4.334	-3.575	-3.079	-2.549	-1.700	-0.421	1.155	2.708
721	7.20	3.883	4.448	4.396	3.928	3.342	2.875	2.598	2.399	2.077	1.470
731	7.30	0.570	-0.458	-1.356	-1.904	-2.039	-1.891	-1.721	-1.791	-2.233	-2.983
741	7.40	-3.818	-4.454	-4.680	-4.430	-3.792	-2.940	-2.053	-1.240	-0.536	0.068
751	7.50	0.577	0.968	1.196	1.238	1.118	0.908	0.690	0.495	0.282	-0.045
761	7.60	-0.569	-1.271	-1.993	-2.457	-2.379	-1.598	-0.184	1.545	3.117	4.062
771	7.70	4.096	3.217	1.718	0.072	-1.225	-1.821	-1.601	-0.700	0.563	1.806
781	7.80	2.698	3.045	2.837	2.224	1.459	0.809	0.459	0.446	0.649	0.833
791	7.90	0.764	0.328	-0.384	-1.077	-1.363	-0.926	0.300	2.042	3.732	4.688
801	8.00	4.362	2.564	-0.436	-3.972	-7.190	-9.313	-9.873	-8.815	-6.468	-3.389
811	8.10	-0.179	2.683	4.921	6.457	7.354	7.724	7.663	7.215	6.371	5.111
821	8.20	3.453	1.516	-0.447	-2.071	-2.953	-2.797	-1.561	0.459	2.653	4.268
831	8.30	4.684	3.674	1.548	-0.923	-2.787	-3.302	-2.262	-0.113	2.226	3.757
841	8.40	3.846	2.514	0.433	-1.390	-2.078	-1.300	0.575	2.652	3.940	3.822
851	8.50	2.351	0.232	-1.507	-1.981	-0.846	1.550	4.332	6.464	7.174	6.221
861	8.60	3.943	1.080	-1.514	-3.133	-3.378	-2.193	0.180	3.269	6.423	8.890
871	8.70	9.939	9.048	6.124	1.639	-3.391	-7.660	-9.989	-9.755	-7.161	-3.203
881	8.80	0.676	3.108	3.295	1.266	-2.201	-5.945	-8.897	-10.461	-10.628	-9.828
891	8.90	-8.599	-7.284	-5.885	-4.151	-1.822	1.103	4.241	6.895	8.312	7.995
901	9.00	5.925	2.605	-1.110	-4.290	-6.225	-6.610	-5.576	-3.580	-1.222	0.941
911	9.10	2.522	3.355	3.489	3.138	2.612	2.237	2.275	2.850	3.908	5.223
921	9.20	6.454	7.241	7.311	6.543	4.982	2.801	0.245	-2.410	-4.864	-6.775
931	9.30	-7.755	-7.425	-5.526	-2.078	2.495	7.361	11.425	13.628	13.291	10.387
941	9.40	5.615	0.223	-4.382	-7.094	-7.473	-5.874	-3.283	-0.920	0.234	-0.204
951	9.50	-1.900	-3.979	-5.411	-5.440	-3.897	-1.256	1.562	3.560	4.047	2.884
961	9.60	0.506	-2.270	-4.560	-5.716	-5.511	-4.157	-2.176	-0.209	1.173	1.584
971	9.70	0.876	-0.874	-3.384	-6.206	-8.780	-10.527	-10.983	-9.941	-7.554	-4.332
981	9.80	-1.014	1.648	3.125	3.259	2.278	0.654	-1.095	-2.595	-3.690	-4.387
991	9.90	-4.734	-4.704	-4.170	-2.993	-1.170	1.055	3.194	4.667	5.029	4.177

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

INDEX NO. 2029 712-GR-1-17 HB. (HB.) EDOGAWA EMB. MAX. ACC. = -154.498 (GAL) T= 12.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.420	0.381	-1.230	-1.871	-1.332	0.247	2.490	4.942	7.177	8.828
1011	10.10	9.557	9.046	7.072	3.670	-0.705	-5.138	-8.435	-9.512	-7.847	-3.797
1021	10.20	1.404	6.028	8.476	7.893	4.499	-0.521	-5.527	-9.094	-10.544	-10.104
1031	10.30	-8.635	-7.100	-6.055	-5.424	-4.650	-3.141	-0.728	2.106	4.375	5.053
1041	10.40	3.603	0.314	-3.737	-7.102	-8.530	-7.455	-4.167	0.378	4.977	8.613
1051	10.50	10.711	11.137	10.028	7.593	4.035	-0.364	-5.109	-9.432	-12.429	-13.380
1061	10.60	-12.112	-9.187	-5.781	-3.255	-2.565	-3.811	-6.134	-8.053	-8.107	-5.521
1071	10.70	-0.595	5.367	10.563	13.412	13.160	10.140	5.584	1.097	-1.950	-2.858
1081	10.80	-1.718	0.779	3.719	6.314	8.104	8.964	8.989	8.357	7.254	5.889
1091	10.90	4.525	3.481	3.052	3.375	4.314	5.449	6.187	5.981	4.532	1.909
1101	11.00	-1.487	-5.083	-8.336	-10.874	-12.519	-13.214	-12.915	-11.543	-9.045	-5.523
1111	11.10	-1.359	2.783	6.104	7.952	8.099	6.875	5.075	3.648	3.292	4.154
1121	11.20	5.760	7.246	7.772	6.932	4.966	2.661	0.974	0.569	1.479	3.074
1131	11.30	4.363	4.488	3.184	0.960	-1.083	-1.744	-0.300	3.108	7.461	11.245
1141	11.40	13.076	12.277	9.167	4.913	1.037	-1.225	-1.405	0.058	2.070	3.398
1151	11.50	3.182	1.250	-1.913	-5.458	-8.569	-10.764	-11.951	-12.272	-11.839	-10.549
1161	11.60	-8.100	-4.198	1.138	7.366	13.405	17.903	19.609	17.771	12.361	4.082
1171	11.70	-5.816	-15.786	-24.214	-29.578	-30.571	-26.261	-16.340	-1.389	16.944	36.013
1181	11.80	52.584	63.500	66.442	60.506	46.395	26.208	2.915	-20.210	-40.018	-53.675
1191	11.90	-58.741	-53.302	-36.344	-8.333	28.222	68.581	106.255	134.212	146.535	139.971
1201	12.00	114.829	74.852	26.123	-24.560	-71.211	-109.536	-136.991	-152.239	-154.498	-143.315
1211	12.10	-118.938	-83.124	-39.830	4.778	43.305	68.912	77.310	68.167	45.304	15.552
1221	12.20	-13.336	-34.953	-45.872	-46.146	-38.665	-27.789	-17.862	-12.121	-12.232	-18.318
1231	12.30	-29.236	-42.837	-56.174	-65.784	-68.232	-60.958	-43.244	-16.904	13.702	42.528
1241	12.40	63.404	71.785	66.076	48.017	22.013	-6.285	-31.576	-50.094	-60.034	-61.258
1251	12.50	-54.616	-41.342	-22.814	-0.726	22.592	44.047	60.110	67.589	64.585	51.222
1261	12.60	29.824	4.420	-20.258	-39.926	-51.661	-54.334	-48.534	-36.132	-19.721	-2.109
1271	12.70	14.053	26.556	33.878	35.453	31.819	24.616	16.277	9.443	6.250	7.693
1281	12.80	13.313	21.325	29.146	34.163	34.469	29.358	19.451	6.469	-7.236	-19.218
1291	12.90	-27.428	-30.540	-28.110	-20.580	-9.149	4.444	18.200	30.169	38.732	42.842
1301	13.00	42.163	37.113	28.794	18.838	9.159	1.638	-2.229	-1.684	3.042	10.655
1311	13.10	18.988	25.459	27.714	24.293	15.124	1.677	-13.306	-26.431	-34.480	-35.224
1321	13.20	-28.013	-14.026	3.896	21.759	35.221	40.523	35.423	19.911	-3.468	-29.884
1331	13.30	-53.133	-67.089	-67.392	-52.880	-26.290	6.115	36.014	55.235	58.060	42.910
1341	13.40	12.840	-25.303	-62.782	-91.307	-105.056	-101.805	-82.956	-52.634	-16.315	20.491
1351	13.50	53.142	78.257	93.721	98.581	92.998	78.303	57.005	32.578	8.905	-10.529
1361	13.60	-23.470	-29.411	-29.596	-26.459	-22.730	-20.541	-20.873	-23.487	-27.299	-30.936
1371	13.70	-33.204	-33.262	-30.640	-24.861	-15.573	-2.642	13.440	31.164	47.906	60.288
1381	13.80	65.005	59.879	44.739	21.794	-4.723	-29.550	-47.754	-56.012	-53.424	-41.640
1391	13.90	-24.343	-6.120	8.670	17.005	17.853	12.312	3.213	-5.674	-10.671	-9.196
1401	14.00	-0.504	14.023	31.158	46.614	56.166	56.797	47.551	29.838	7.105	-16.044
1411	14.10	-35.010	-46.319	-48.398	-41.812	-28.946	-13.264	1.630	12.865	18.889	19.653
1421	14.20	16.387	11.053	5.655	1.618	-0.604	-1.568	-2.534	-4.913	-9.650	-16.753
1431	14.30	-25.121	-32.748	-37.228	-36.436	-29.154	-15.492	3.038	23.781	43.479	58.919
1441	14.40	67.570	68.036	60.257	45.434	25.701	3.659	-18.121	-37.485	-52.903	-63.469
1451	14.50	-68.755	-68.623	-63.131	-52.578	-37.683	-19.798	-0.988	16.129	28.816	34.837
1461	14.60	33.071	23.904	9.248	-7.845	-23.868	-35.639	-40.961	-39.014	-30.409	-16.956
1471	14.70	-1.249	13.845	25.696	32.363	32.952	27.802	18.448	7.313	-2.838	-9.581
1481	14.80	-11.446	-8.288	-1.268	7.548	15.843	21.723	24.184	23.226	19.632	14.533
1491	14.90	8.968	3.607	-1.273	-5.616	-9.348	-12.199	-13.707	-13.382	-10.960	-6.619

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

INDEX NO. 2029 712-GR-1-17 HB. (HB.) EDOGAWA EMB. MAX. ACC. = -154.498 (GAL) T= 12.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.059	4.601	9.080	11.265	10.506	6.812	0.879	-6.024	-12.310	-16.393
1511	15.10	-17.020	-13.549	-6.110	4.376	16.343	27.849	36.929	41.943	41.865	36.461
1521	15.20	26.323	12.783	-2.306	-16.860	-28.911	-36.936	-40.116	-38.462	-32.758	-24.348
1531	15.30	-14.792	-5.507	2.504	8.772	13.305	16.401	18.419	19.598	19.982	19.456
1541	15.40	17.843	15.025	11.030	6.075	0.570	-4.909	-9.673	-13.008	-14.309	-13.241
1551	15.50	-9.880	-4.770	1.153	6.772	11.070	13.378	13.504	11.684	8.412	4.239
1561	15.60	-0.338	-4.863	-8.800	-11.448	-11.987	-9.731	-4.502	3.052	11.387	18.370
1571	15.70	21.917	20.738	14.885	5.850	-3.665	-11.583	-15.348	-14.557	-10.062	-3.758
1581	15.80	2.169	6.001	6.959	5.256	1.793	-2.300	-6.043	-8.772	-10.078	-9.668
1591	15.90	-7.287	-2.798	3.617	11.253	18.852	24.802	27.554	26.081	20.213	10.697
1601	16.00	-1.021	-13.209	-24.261	-32.993	-38.724	-41.203	-40.470	-36.755	-30.476	-22.293
1611	16.10	-13.158	-4.267	3.106	7.871	9.391	7.665	3.352	-2.360	-8.019	-12.227
1621	16.20	-13.929	-12.628	-8.465	-2.162	5.152	12.224	17.969	21.711	23.301	23.065
1631	16.30	21.606	19.539	17.262	14.852	12.117	8.773	4.647	-0.187	-5.401	-10.509
1641	16.40	-15.019	-18.539	-20.811	-21.679	-21.048	-18.920	-15.493	-11.284	-7.167	-4.222
1651	16.50	-3.401	-5.094	-8.800	-13.079	-15.885	-15.226	-9.905	-0.089	12.569	25.309
1661	16.60	35.039	39.241	36.675	27.684	14.017	-1.704	-16.666	-28.479	-35.564	-37.309
1671	16.70	-34.020	-26.748	-17.058	-6.746	2.479	9.329	13.184	14.197	13.147	11.098
1681	16.80	8.965	7.161	5.520	3.514	0.694	-2.870	-6.376	-8.466	-7.740	-3.406
1691	16.90	4.217	13.611	22.451	28.352	29.682	26.108	18.668	9.345	0.336	-6.677
1701	17.00	-10.987	-12.894	-13.353	-13.431	-13.810	-14.544	-15.111	-14.720	-12.701	-8.820
1711	17.10	-3.410	2.713	8.489	12.918	15.333	15.564	13.957	11.251	8.340	5.991
1721	17.20	4.589	4.011	3.678	2.802	0.750	-2.603	-6.679	-10.273	-11.905	-10.352
1731	17.30	-5.170	3.010	12.532	21.134	26.601	27.433	23.301	15.144	4.890	-5.087
1741	17.40	-12.592	-16.119	-15.115	-9.978	-1.832	7.804	17.350	25.426	31.015	33.533
1751	17.50	32.834	29.161	23.073	15.333	6.789	-1.744	-9.567	-16.139	-21.064	-24.054
1761	17.60	-24.898	-23.458	-19.729	-13.914	-6.507	1.691	9.639	16.224	20.486	21.833
1771	17.70	20.180	15.963	10.006	3.295	-3.273	-9.079	-13.865	-17.672	-20.698	-23.120
1781	17.80	-24.975	-26.122	-26.317	-25.325	-23.046	-19.567	-15.145	-10.121	-4.819	0.526
1791	17.90	5.780	10.862	15.663	19.980	23.491	25.790	26.479	25.262	22.043	16.978
1801	18.00	10.483	3.187	-4.152	-10.759	-15.956	-19.262	-20.441	-19.514	-16.715	-12.431
1811	18.10	-7.157	-1.481	3.902	8.183	10.487	10.018	6.282	-0.667	-10.063	-20.447
1821	18.20	-29.927	-36.612	-39.117	-36.955	-30.676	-21.688	-11.835	-2.873	3.971	8.219
1831	18.30	10.091	10.257	9.521	8.550	7.750	7.274	7.114	7.190	7.411	7.675
1841	18.40	7.859	7.822	7.440	6.660	5.532	4.198	2.852	1.689	0.886	0.621
1851	18.50	1.112	2.622	5.387	9.468	14.594	20.057	24.782	27.552	27.355	23.707
1861	18.60	16.831	7.605	-2.703	-12.789	-21.628	-28.607	-33.473	-36.151	-36.560	-34.553
1871	18.70	-30.014	-23.047	-14.165	-4.327	5.209	13.184	18.678	21.344	21.448	19.718
1881	18.80	17.061	14.286	11.917	10.146	8.908	8.010	7.244	6.450	5.541	4.482
1891	18.90	3.291	2.023	0.760	-0.417	-1.472	-2.443	-3.424	-4.504	-5.659	-6.676
1901	19.00	-7.160	-6.647	-4.822	-1.729	2.103	5.724	8.005	8.014	5.364	0.422
1911	19.10	-5.719	-11.512	-15.366	-16.080	-13.143	-6.855	1.775	11.278	20.052	26.667
1921	19.20	30.120	29.979	26.420	20.163	12.297	4.046	-3.494	-9.578	-13.929	-16.714
1931	19.30	-18.389	-19.464	-20.286	-20.916	-21.147	-20.647	-19.152	-16.623	-13.301	-9.636
1941	19.40	-6.137	-3.213	-1.082	0.223	0.767	0.609	-0.247	-1.822	-4.051	-6.666
1951	19.50	-9.133	-10.725	-10.704	-8.570	-4.289	1.617	8.143	14.060	18.133	19.624
1961	19.60	18.275	14.441	8.940	2.835	-2.796	-7.061	-9.369	-9.483	-7.529	-3.974
1971	19.70	0.430	4.738	7.968	9.314	8.359	5.238	0.658	-4.244	-8.202	-10.198
1981	19.80	-9.780	-7.222	-3.456	0.207	2.485	2.510	0.086	-4.275	-9.516	-14.336
1991	19.90	-17.527	-18.248	-16.181	-11.554	-5.066	2.257	9.242	14.769	17.965	18.385

Table 7-21-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 2029 712-GR-1-17 HB. (HB.) EDOGAWA EMB. MAX. ACC. = -154.498 (GAL) T= 12.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	16.129	11.857	6.664	1.843	-1.424	-2.354	-0.737	3.057	8.226	13.781
2011	20.10	18.798	22.589	24.764	25.204	23.984	21.320	17.546	13.112	8.562	4.450
2021	20.20	1.210	-0.988	-2.310	-3.213	-4.271	-5.941	-8.357	-11.254	-14.052	-16.081
2031	20.30	-16.828	-16.113	-14.110	-11.231	-7.929	-4.542	-1.229	1.964	4.982	7.657
2041	20.40	9.703	10.799	10.727	9.467	7.196	4.195	0.713	-3.104	-7.173	-11.341
2051	20.50	-15.226	-18.176	-19.392	-18.226	-14.513	-8.786	-2.234	3.628	7.456	8.553
2061	20.60	7.100	4.059	0.760	-1.623	-2.504	-2.029	-0.888	0.087	0.351	-0.094
2071	20.70	-0.712	-0.701	0.636	3.568	7.803	12.568	16.844	19.647	20.261	18.364
2081	20.80	14.071	7.905	0.728	-6.358	-12.175	-15.694	-16.280	-13.895	-9.162	-3.235
2091	20.90	2.501	6.818	8.977	8.893	7.068	4.335	1.536	-0.754	-2.342	-3.355
2101	21.00	-4.069	-4.709	-5.318	-5.743	-5.721	-5.016	-3.541	-1.427	0.985	3.215
2111	21.10	4.746	5.155	4.229	2.054	-0.962	-4.146	-6.712	-7.980	-7.590	-5.653
2121	21.20	-2.756	0.199	2.267	2.767	1.506	-1.144	-4.363	-7.129	-8.524	-7.991
2131	21.30	-5.488	-1.493	3.120	7.286	10.002	10.563	8.749	4.900	-0.128	-5.153
2141	21.40	-8.961	-10.621	-9.752	-6.615	-2.030	2.893	7.079	9.787	10.755	10.177
2151	21.50	8.531	6.367	4.133	2.094	0.355	-1.068	-2.190	-3.036	-3.665	-4.176
2161	21.60	-4.685	-5.250	-5.784	-6.017	-5.551	-4.010	-1.233	2.590	6.891	10.863
2171	21.70	13.696	14.620	14.071	11.697	8.229	4.285	0.383	-3.156	-6.212	-8.792
2181	21.80	-10.949	-12.734	-14.176	-15.287	-16.055	-16.406	-16.174	-15.104	-12.922	-9.468
2191	21.90	-4.836	0.546	5.956	10.540	13.566	14.628	13.757	11.375	8.125	4.656
2201	22.00	1.460	-1.182	-3.157	-4.422	-4.939	-4.675	-3.678	-2.143	-0.429	1.024
2211	22.10	1.857	1.954	1.523	1.034	1.043	1.954	3.845	6.426	9.152	11.436
2221	22.20	12.856	13.273	12.815	11.740	10.281	8.529	6.429	3.881	0.873	-2.420
2231	22.30	-5.630	-8.301	-10.052	-10.733	-10.501	-9.782	-9.142	-9.098	-9.958	-11.722
2241	22.40	-14.082	-16.512	-18.403	-19.221	-18.628	-16.546	-13.163	-8.875	-4.180	0.420
2251	22.50	4.522	7.864	10.338	11.962	12.824	13.049	12.766	12.103	11.179	10.101
2261	22.60	8.939	7.707	6.350	4.762	2.835	0.523	-2.095	-4.799	-7.246	-9.044
2271	22.70	-9.832	-9.369	-7.582	-4.598	-0.732	3.528	7.572	10.736	12.420	12.225
2281	22.80	10.090	6.372	1.821	-2.577	-5.856	-7.344	-8.876	-9.840	-2.049	0.531
2291	22.90	2.082	2.169	0.820	-1.567	-4.421	-7.216	-9.614	-11.492	-12.872	-13.807
2301	23.00	-14.291	-14.237	-13.528	-12.079	-9.898	-7.081	-3.778	-0.138	3.711	7.639
2311	23.10	11.468	14.925	17.647	19.260	19.486	18.261	15.784	12.482	8.895	5.521
2321	23.20	2.694	0.535	-1.013	-2.079	-2.751	-3.007	-2.710	-1.691	0.146	2.721
2331	23.30	5.736	8.713	11.107	12.456	12.514	11.328	9.209	6.631	4.064	1.827
2341	23.40	0.014	-1.477	-2.826	-4.124	-5.268	-5.959	-5.832	-4.664	-2.573	-0.081
2351	23.50	2.004	2.862	1.997	-0.528	-4.066	-7.609	-10.169	-11.165	-10.632	-9.168
2361	23.60	-7.627	-6.721	-6.686	-7.195	-7.535	-6.968	-5.092	-2.044	1.546	4.826
2371	23.70	7.062	7.899	7.424	6.046	4.261	2.453	0.826	-0.534	-1.525	-1.946
2381	23.80	-1.526	-0.076	2.338	5.296	8.104	10.027	10.573	9.704	7.846	5.690
2391	23.90	3.882	2.744	2.167	1.730	0.975	-0.301	-1.888	-3.231	-3.680	-2.809
2401	24.00	-0.640	2.325	5.281	7.425	8.230	7.589	5.777	3.271	0.542	-2.090
2411	24.10	-4.486	-6.620	-8.480	-10.015	-11.155	-11.883	-12.294	-12.589	-12.986	-13.580
2421	24.20	-14.241	-14.596	-14.145	-12.458	-9.365	-5.066	-0.093	4.858	9.148	12.384
2431	24.30	14.492	15.656	16.163	16.238	15.933	15.125	13.618	11.285	8.188	4.627
2441	24.40	1.097	-1.831	-3.661	-4.106	-3.170	-1.175	1.293	3.484	4.628	4.108
2451	24.50	1.615	-2.727	-8.332	-14.228	-19.251	-22.311	-22.672	-20.152	-15.185	-8.722
2461	24.60	-1.986	3.827	7.823	9.570	9.127	6.936	3.645	-0.072	-3.644	-6.666
2471	24.70	-8.898	-10.239	-10.701	-10.394	-9.504	-8.262	-6.878	-5.472	-4.015	-2.333
2481	24.80	-0.189	2.588	5.961	9.610	12.966	15.355	16.213	15.282	12.712	9.014
2491	24.90	4.892	1.020	-2.143	-4.429	-5.904	-6.723	-6.990	-6.683	-5.705	-4.012

Table 7-21-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 2029 712-GR-1-17 HB. (HB.) EDOGAWA EMB. MAX. ACC. = -154.498 (GAL) T= 12.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.755	0.658	2.625	3.542	3.037	1.142	-1.675	-4.647	-6.971	-8.084
2511	25.10	-7.855	-6.596	-4.913	-3.449	-2.633	-2.522	-2.805	-2.943	-2.388	-0.789
2521	25.20	1.885	5.342	9.068	12.481	15.088	16.594	16.937	16.261	14.839	12.983
2531	25.30	10.966	8.968	7.058	5.215	3.367	1.446	-0.573	-2.652	-4.693	-6.566
2541	25.40	-8.139	-9.299	-9.955	-10.036	-9.485	-8.267	-6.405	-4.010	-1.311	1.359
2551	25.50	3.622	5.135	5.676	5.193	3.794	1.698	-0.838	-3.569	-6.269	-8.706
2561	25.60	-10.604	-11.649	-11.558	-10.190	-7.663	-4.398	-1.057	1.644	3.161	3.322
2571	25.70	2.382	0.925	-0.373	-1.010	-0.843	-0.110	0.719	1.186	1.065	0.471
2581	25.80	-0.210	-0.516	-0.126	1.002	2.635	4.407	6.020	7.389	8.657	10.089
2591	25.90	11.877	13.987	16.111	17.767	18.488	18.021	16.429	14.064	11.416	8.925
2601	26.00	6.834	5.156	3.738	2.383	0.967	-0.519	-2.000	-3.385	-4.627	-5.728
2611	26.10	-6.692	-7.460	-7.881	-7.749	-6.902	-5.344	-3.312	-1.256	0.278	0.827
2621	26.20	0.162	-1.629	-4.179	-6.966	-9.469	-11.297	-12.243	-12.265	-11.422	-9.815
2631	26.30	-7.566	-4.840	-1.873	1.014	3.452	5.114	5.816	5.588	4.677	3.473
2641	26.40	2.370	1.635	1.311	1.219	1.039	0.447	-0.744	-2.491	-4.514	-6.377
2651	26.50	-7.622	-7.914	-7.149	-5.492	-3.333	-1.184	0.454	1.211	0.921	-0.357
2661	26.60	-2.379	-4.788	-7.198	-9.270	-10.766	-11.572	-11.693	-11.235	-10.366	-9.269
2671	26.70	-8.103	-6.971	-5.905	-4.879	-3.835	-2.718	-1.505	-0.205	1.149	2.532
2681	26.80	3.940	5.384	6.858	8.292	9.529	10.326	10.417	9.605	7.853	5.337
2691	26.90	2.632	-0.372	-2.599	-3.903	-4.151	-3.434	-2.014	-0.249	1.493	2.891
2701	27.00	3.697	3.757	3.023	1.573	-0.370	-2.454	-4.244	-5.316	-5.359	-4.262
2711	27.10	-2.145	0.673	3.767	6.704	9.134	10.832	11.694	11.711	10.943	9.509
2721	27.20	7.585	5.412	3.271	1.444	0.160	-0.454	-0.383	0.289	1.429	2.888
2731	27.30	4.518	6.159	7.619	8.668	9.081	8.704	7.534	5.759	3.729	1.852
2741	27.40	0.461	-0.307	-0.547	-0.539	-0.612	-1.003	-1.757	-2.727	-3.656	-4.312
2751	27.50	-4.614	-4.674	-4.761	-5.180	-6.138	-7.644	-9.478	-11.245	-12.481	-12.784
2761	27.60	-11.918	-9.885	-6.934	-3.523	-0.239	2.322	3.680	3.586	2.096	-0.437
2771	27.70	-3.440	-6.266	-8.359	-9.388	-9.301	-8.298	-6.724	-4.943	-3.231	-1.729
2781	27.80	-0.463	0.608	1.538	2.363	3.117	3.853	4.670	5.699	7.053	8.774
2791	27.90	10.771	12.816	14.576	15.691	15.866	14.954	12.999	10.240	7.065	3.945
2801	28.00	1.334	-0.422	-1.165	-0.968	-0.124	0.932	1.739	1.950	1.439	0.337
2811	28.10	-1.015	-2.191	-2.830	-2.762	-2.052	-0.973	0.108	0.845	1.008	0.521
2821	28.20	-0.567	-2.132	-4.023	-6.083	-8.135	-9.958	-11.286	-11.841	-11.410	-9.915
2831	28.30	-7.465	-4.369	-0.969	2.259	5.000	7.051	8.350	8.928	8.857	8.199
2841	28.40	6.999	5.298	3.162	0.700	-1.945	-4.626	-7.219	-9.647	-11.860	-13.801
2851	28.50	-15.355	-16.320	-16.419	-15.353	-12.903	-9.032	-3.971	1.755	7.382	12.032
2861	28.60	14.906	15.476	13.646	9.811	4.793	-0.340	-4.533	-7.003	-7.424	-5.977
2871	28.70	-3.251	-0.040	2.903	5.047	6.178	6.358	5.818	4.829	3.614	2.336
2881	28.80	1.126	0.131	-0.480	-0.563	-0.078	0.853	1.947	2.851	3.286	3.182
2891	28.90	2.730	2.316	2.360	3.116	4.535	6.248	7.696	8.336	7.845	6.229
2901	29.00	3.795	1.007	-1.696	-4.037	-5.935	-7.431	-8.566	-9.285	-9.420	-8.775
2911	29.10	-7.255	-4.977	-2.295	0.281	2.236	3.211	3.104	2.070	0.440	-1.409
2921	29.20	-3.158	-4.598	-5.623	-6.191	-6.291	-5.938	-5.191	-4.171	-3.053	-2.016
2931	29.30	-1.184	-0.568	-0.069	0.463	1.134	1.923	2.657	3.064	2.898	2.061
2941	29.40	0.688	-0.859	-2.100	-2.585	-2.046	-0.479	1.854	4.520	7.033	8.982
2951	29.50	10.110	10.339	9.752	8.544	6.961	5.250	3.610	2.166	0.956	-0.056
2961	29.60	-0.934	-1.720	-2.384	-2.809	-2.816	-2.240	-1.010	0.792	2.922	5.033
2971	29.70	6.777	7.910	8.353	8.198	7.635	6.860	5.994	5.040	3.914	2.507
2981	29.80	0.757	-1.296	-3.511	-5.684	-7.603	-9.110	-10.122	-10.636	-10.702	-10.391
2991	29.90	-9.765	-8.862	-7.689	-6.239	-4.510	-2.542	-0.446	1.567	3.203	4.132

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

INDEX NO. 2029 712-GR-1-17 HB. (HB.) EDOGAWA EMB. MAX. ACC. = -154.498 (GAL) T= 12.09 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	4.087	2.972	0.951	-1.535	-3.846	-5.303	-5.394	-3.952	-1.236	2.128
3011	30.10	5.322	7.585	8.432	7.777	5.916	3.380	0.723	-1.664	-3.658	-5.371
3021	30.20	-7.032	-8.809	-10.679	-12.381	-13.485	-13.540	-12.256	-9.631	-5.995	-1.963
3031	30.30	1.748	4.465	5.739	5.431	3.724	1.054	-2.011	-4.890	-7.102	-8.329
3041	30.40	-8.440	-7.477	-5.620	-3.145	-0.375	2.364	4.782	6.667	7.904	8.489
3051	30.50	8.514	8.137	7.543	6.897	6.312	5.843	5.494	5.247	5.087	5.020
3061	30.60	5.073	5.269	5.602	6.010	6.369	6.516	6.284	5.557	4.302	2.592
3071	30.70	0.582	-1.530	-3.551	-5.337	-6.803	-7.910	-8.629	-8.910	-8.678	-7.859
3081	30.80	-6.438	-4.518	-2.349	-0.299	1.233	1.945	1.751	0.848	-0.317	-1.170
3091	30.90	-1.196	-0.121	1.979	4.684	7.357	9.349	10.207	9.820	8.437	6.565
3101	31.00	4.789	3.568	3.099	3.283	3.797	4.244	4.310	3.880	3.063	2.126
3111	31.10	1.376	1.020	1.077	1.356	1.518	1.202	0.160	-1.634	-3.941	-6.312
3121	31.20	-8.202	-9.135	-8.856	-7.420	-5.195	-2.769	-0.781	0.250	0.080	-1.201
3131	31.30	-3.203	-5.355	-7.066	-7.881	-7.591	-6.251	-4.145	-1.684	0.705	2.674
3141	31.40	4.008	4.645	4.648	4.164	3.368	2.422	1.462	0.497	-0.388	-1.203
3151	31.50	-1.922	-2.489	-2.815	-2.801	-2.377	-1.544	-0.397	0.876	2.036	2.843
3161	31.60	3.123	2.809	1.954	0.716	-0.687	-2.020	-3.079	-3.717	-3.867	-3.538
3171	31.70	-2.815	-1.836	-0.759	0.280	1.199	1.999	2.747	3.546	4.469	5.516
3181	31.80	6.587	7.506	8.071	8.136	7.642	6.629	5.204	3.491	1.596	-0.393
3191	31.90	-2.375	-4.198	-5.650	-6.510	-6.639	-6.070	-5.057	-4.018	-3.392	-3.465
3201	32.00	-4.237	-5.406	-6.483	-7.027	-6.841	-6.077	-5.174	-4.639	-4.787	-5.549
3211	32.10	-6.467	-6.887	-6.259	-4.427	-1.751	1.005	2.970	3.523	2.558	0.532
3221	32.20	-1.725	-3.336	-3.701	-2.679	-0.564	2.108	4.815	7.222	9.220	10.825
3231	32.30	12.023	12.669	12.505	11.296	9.008	5.916	2.575	-0.347	-2.301	-3.046
3241	32.40	-2.704	-1.660	-0.366	0.853	1.878	2.757	3.553	4.209	4.499	4.120
3251	32.50	2.871	0.834	-1.569	-3.682	-4.867	-4.780	-3.551	-1.755	-0.196	0.433
3261	32.60	-0.163	-1.763	-3.737	-5.338	-6.036	-5.752	-4.880	-4.090	-4.015	-4.953
3271	32.70	-6.721	-8.726	-10.207	-10.543	-9.484	-7.222	-4.272	-1.243	1.405	3.501
3281	32.80	5.150	6.597	8.035	9.464	10.666	11.304	11.094	9.974	8.168	6.134
3291	32.90	4.393	3.329	3.036	3.287	3.626	3.566	2.790	1.288	-0.627	-2.430
3301	33.00	-3.574	-3.678	-2.657	-0.730	1.659	3.987	5.796	6.788	6.845	6.005
3311	33.10	4.398	2.200	-0.386	-3.135	-5.797	-8.110	-9.842	-10.841	-11.074	-10.628
3321	33.20	-9.671	-8.394	-6.947	-5.422	-3.868	-2.351	-0.992	0.015	0.460	0.204
3331	33.30	-0.730	-2.113	-3.549	-4.590	-4.891	-4.333	-3.067	-1.446	0.116	1.320
3341	33.40	2.093	2.609	3.196	4.178	5.718	7.732	9.902	11.787	12.979	13.235
3351	33.50	12.542	11.098	9.221	7.236	5.388	3.804	2.505	1.445	0.561	-0.208
3361	33.60	-0.915	-1.614	-2.357	-3.185	-4.098	-5.041	-5.904	-6.552	-6.869	-6.804
3371	33.70	-6.380	-5.681	-4.797	-3.781	-2.617	-1.238	0.422	2.360	4.463	6.508
3381	33.80	8.214	9.336	9.744	9.473	8.707	7.712	6.742	5.961	5.403	4.993
3391	33.90	4.603	4.120	3.496	2.755	1.967	1.203	0.499	-0.157	-0.805	-1.488
3401	34.00	-2.219	-2.977	-3.717	-4.405	-5.035	-5.638	-6.266	-6.956	-7.705	-8.452
3411	34.10	-9.093	-9.510	-9.608	-9.342	-8.723	-7.806	-6.665	-5.371	-3.989	-2.579
3421	34.20	-1.224	-0.039	0.823	1.194	0.926	-0.058	-1.719	-3.883	-6.248	-8.433
3431	34.30	-10.052	-10.800	-10.538	-9.331	-7.442	-5.270	-3.241	-1.699	-0.810	-0.529
3441	34.40	-0.641	-0.844	-0.864	-0.552	0.081	0.885	1.649	2.188	2.418	2.371

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

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.541	-0.065	0.458	0.939	1.310	1.528	1.562	1.387	0.985
11	0.10	0.361	-0.427	-1.255	-1.947	-2.316	-2.222	-1.633	-0.668	0.518	1.596
21	0.20	2.340	2.602	2.371	1.762	0.969	0.197	-0.396	-0.735	-0.823	-0.717
31	0.30	-0.492	-0.212	0.081	0.362	0.609	0.797	0.895	0.876	0.733	0.492
41	0.40	0.202	-0.071	-0.272	-0.375	-0.395	-0.383	-0.405	-0.517	-0.739	-1.041
51	0.50	-1.354	-1.588	-1.664	-1.565	-1.246	-0.832	-0.392	-0.006	0.281	0.468
61	0.60	0.595	0.713	0.859	1.035	1.208	1.326	1.361	1.240	1.046	0.804
71	0.70	0.579	0.407	0.291	0.205	0.109	-0.031	-0.217	-0.427	-0.619	-0.755
81	0.80	-0.823	-0.835	-0.826	-0.831	-0.868	-0.927	-0.979	-0.988	-0.930	-0.807
91	0.90	-0.641	-0.470	-0.327	-0.227	-0.166	-0.127	-0.087	-0.032	0.042	0.126
101	1.00	0.209	0.284	0.348	0.405	0.461	0.524	0.596	0.681	0.778	0.883
111	1.10	0.989	1.082	1.150	1.182	1.177	1.145	1.104	1.069	1.046	1.023
121	1.20	0.979	0.891	0.746	0.556	0.344	0.136	-0.057	-0.251	-0.477	-0.759
131	1.30	-1.087	-1.399	-1.591	-1.551	-1.208	-0.577	0.228	1.017	1.584	1.774
141	1.40	1.530	0.908	0.046	-0.886	-1.745	-2.435	-2.915	-3.168	-3.178	-2.924
151	1.50	-2.401	-1.642	-0.746	0.133	0.829	1.217	1.262	1.033	0.668	0.311
161	1.60	0.049	-0.115	-0.245	-0.412	-0.633	-0.835	-0.884	-0.649	-0.092	0.684
171	1.70	1.445	1.909	1.863	1.262	0.270	-0.793	-1.566	-1.784	-1.377	-0.487
181	1.80	0.593	1.540	2.112	2.224	1.944	1.439	0.885	0.403	0.033	-0.253
191	1.90	-0.497	-0.720	-0.901	-0.993	-0.952	-0.773	-0.497	-0.192	0.070	0.251
201	2.00	0.353	0.415	0.483	0.584	0.716	0.848	0.945	0.983	0.967	0.925
211	2.10	0.893	0.891	0.915	0.937	0.918	0.829	0.664	0.444	0.207	-0.007
221	2.20	-0.175	-0.295	-0.378	-0.440	-0.481	-0.484	-0.418	-0.261	-0.015	0.271
231	2.30	0.509	0.595	0.648	0.052	-0.517	-1.101	-1.499	-1.540	-1.152	-0.410
241	2.40	0.465	1.172	1.420	1.045	0.073	-1.271	-2.628	-3.627	-4.009	-3.710
251	2.50	-2.871	-1.775	-0.727	0.056	0.512	0.727	0.862	1.050	1.319	1.570
261	2.60	1.625	1.322	0.603	-0.430	-1.536	-2.418	-2.827	-2.655	-1.963	-0.957
271	2.70	0.097	0.960	1.693	1.671	1.569	1.308	1.005	0.747	0.574	0.492
281	2.80	0.482	0.510	0.534	0.508	0.403	0.217	-0.006	-0.187	-0.241	-0.117
291	2.90	0.164	0.503	0.750	0.769	0.507	0.036	-0.462	-0.755	-0.662	-0.130
301	3.00	0.723	1.647	2.348	2.595	2.307	1.570	0.600	-0.346	-1.066	-1.464
311	3.10	-1.560	-1.453	-1.259	-1.061	-0.889	-0.734	-0.570	-0.392	-0.215	-0.073
321	3.20	0.001	-0.008	-0.099	-0.260	-0.482	-0.758	-1.079	-1.410	-1.686	-1.809
331	3.30	-1.685	-1.258	-0.554	0.308	1.132	1.699	1.830	1.457	0.650	-0.387
341	3.40	-1.365	-1.990	-2.041	-1.441	-0.281	1.191	2.637	3.719	4.192	3.983
351	3.50	3.207	2.139	1.121	0.455	0.300	0.623	1.218	1.780	2.025	1.788
361	3.60	1.080	0.073	-0.974	-1.810	-2.281	-2.370	-2.172	-1.840	-1.508	-1.242
371	3.70	-1.032	-0.819	-0.542	-0.183	0.223	0.607	0.902	1.076	1.147	1.167
381	3.80	1.187	1.228	1.260	1.211	1.001	0.574	-0.070	-0.876	-1.743	-2.558
391	3.90	-3.214	-3.632	-3.760	-3.573	-3.073	-2.296	-1.320	-0.266	0.712	1.461
401	4.00	1.869	1.903	1.617	1.141	0.631	0.216	-0.043	-0.160	-0.210	-0.275
411	4.10	-0.402	-0.581	-0.748	-0.828	-0.772	-0.589	-0.346	-0.133	-0.015	0.002
421	4.20	-0.015	0.048	0.296	0.776	1.442	2.161	2.758	3.075	3.033	2.652
431	4.30	2.045	1.369	0.773	0.345	0.092	-0.041	-0.140	-0.275	-0.469	-0.689
441	4.40	-0.868	-0.931	-0.840	-0.608	-0.303	-0.023	0.138	0.125	-0.056	-0.335
451	4.50	-0.606	-0.756	-0.712	-0.460	-0.064	0.358	0.659	0.711	0.441	-0.143
461	4.60	-0.939	-1.775	-2.445	-2.761	-2.607	-1.984	-1.019	0.055	0.960	1.453
471	4.70	1.404	0.851	-0.005	-0.859	-1.398	-1.416	-0.881	0.044	1.062	1.846
481	4.80	2.159	1.937	1.297	0.487	-0.214	-0.606	-0.625	-0.354	0.039	0.379
491	4.90	0.555	0.558	0.463	0.374	0.376	0.491	0.679	0.870	0.996	1.026

Table 7-22-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.967	0.853	0.715	0.566	0.401	0.208	-0.015	-0.255	-0.484	-0.682
511	5.10	-0.848	-1.000	-1.156	-1.311	-1.422	-1.416	-1.221	-0.817	-0.270	0.270
521	5.20	0.605	0.573	0.120	-0.655	-1.520	-2.183	-2.402	-2.078	-1.303	-0.324
531	5.30	0.545	1.043	1.052	0.635	-0.002	-0.595	-0.917	-0.851	-0.410	0.294
541	5.40	1.097	1.836	2.376	2.614	2.478	1.931	0.996	-0.224	-1.523	-2.624
551	5.50	-3.241	-3.181	-2.422	-1.146	0.301	1.519	2.190	2.189	1.616	0.750
561	5.60	-0.075	-0.592	-0.698	-0.459	-0.057	0.316	0.539	0.598	0.563	0.520
571	5.70	0.507	0.496	0.413	0.208	-0.094	-0.378	-0.479	-0.268	0.266	0.987
581	5.80	1.645	1.975	1.813	1.180	0.287	-0.537	-0.976	-0.854	-0.206	0.734
591	5.90	1.620	2.126	2.054	1.395	0.309	-0.950	-2.127	-3.041	-3.617	-3.870
601	6.00	-3.854	-3.623	-3.199	-2.586	-1.794	-0.875	0.067	0.886	1.436	1.617
611	6.10	1.418	0.925	0.299	-0.265	-0.603	-0.629	-0.356	0.115	0.633	1.051
621	6.20	1.272	1.274	1.108	0.856	0.609	0.413	0.267	0.137	-0.013	-0.187
631	6.30	-0.338	-0.388	-0.260	0.074	0.563	1.081	1.467	1.585	1.384	0.929
641	6.40	0.377	-0.075	-0.271	-0.152	0.216	0.675	1.036	1.155	0.987	0.590
651	6.50	0.100	-0.330	-0.591	-0.644	-0.527	-0.321	-0.108	0.057	0.161	0.222
661	6.60	0.268	0.316	0.370	0.420	0.459	0.491	0.527	0.585	0.669	0.769
671	6.70	0.860	0.912	0.908	0.848	0.751	0.648	0.566	0.516	0.495	0.484
681	6.80	0.464	0.421	0.350	0.254	0.139	0.007	-0.147	-0.328	-0.543	-0.786
691	6.90	-1.041	-1.283	-1.482	-1.613	-1.669	-1.661	-1.622	-1.587	-1.588	-1.631
701	7.00	-1.697	-1.742	-1.725	-1.623	-1.453	-1.269	-1.139	-1.106	-1.162	-1.235
711	7.10	-1.219	-1.020	-0.613	-0.076	0.429	0.716	0.658	0.258	-0.340	-0.895
721	7.20	-1.174	-1.049	-0.564	0.085	0.638	0.889	0.790	0.475	0.199	0.225
731	7.30	0.695	1.561	2.600	3.503	3.997	3.949	3.394	2.498	1.470	0.485
741	7.40	-0.366	-1.060	-1.601	-1.970	-2.119	-1.996	-1.601	-1.019	-0.421	-0.006
751	7.50	0.082	-0.180	-0.671	-1.173	-1.462	-1.403	-1.005	-0.412	0.163	0.528
761	7.60	0.587	0.368	-0.016	-0.419	-0.734	-0.922	-1.005	-1.030	-1.028	-0.991
771	7.70	-0.882	-0.663	-0.327	0.085	0.496	0.820	1.002	1.034	0.957	0.837
781	7.80	0.731	0.669	0.641	0.615	0.555	0.438	0.267	0.062	-0.149	-0.352
791	7.90	-0.542	-0.726	-0.906	-1.062	-1.155	-1.124	-0.915	-0.501	0.088	0.762
801	8.00	1.382	1.801	1.910	1.688	1.222	0.694	0.329	0.309	0.704	1.429
811	8.10	2.258	2.898	3.097	2.745	1.926	0.896	-0.012	-0.514	-0.491	-0.033
821	8.20	0.592	1.060	1.115	0.684	-0.102	-0.967	-1.608	-1.822	-1.575	-1.002
831	8.30	-0.328	0.236	0.575	0.693	0.665	0.565	0.397	0.090	-0.458	-1.288
841	8.40	-2.318	-3.326	-4.020	-4.147	-3.610	-2.521	-1.169	0.081	0.929	1.238
851	8.50	1.062	0.598	0.081	-0.318	-0.538	-0.621	-0.652	-0.694	-0.751	-0.773
861	8.60	-0.697	-0.482	-0.135	0.305	0.790	1.272	1.704	2.004	2.048	1.687
871	8.70	0.829	-0.475	-1.961	-3.167	-3.563	-2.744	-0.631	2.426	5.710	8.348
881	8.80	9.619	9.225	7.406	4.854	2.453	0.937	0.622	1.313	2.417	3.216
891	8.90	3.169	2.124	0.362	-1.553	-3.014	-3.624	-3.329	-2.407	-1.320	-0.504
901	9.00	-0.195	-0.359	-0.749	-1.043	-1.013	-0.625	-0.052	0.421	0.537	0.196
911	9.10	-0.497	-1.272	-1.826	-1.966	-1.713	-1.306	-1.097	-1.391	-2.286	-3.593
921	9.20	-4.882	-5.640	-5.480	-4.306	-2.381	-0.237	1.517	2.425	2.353	1.524
931	9.30	0.416	-0.448	-0.708	-0.295	0.544	1.389	1.827	1.623	0.817	-0.310
941	9.40	-1.351	-1.935	-1.857	-1.131	0.038	1.346	2.500	3.296	3.654	3.602
951	9.50	3.230	2.644	1.941	1.196	0.472	-0.171	-0.680	-1.007	-1.129	-1.046
961	9.60	-0.791	-0.425	-0.032	0.283	0.410	0.250	-0.248	-1.059	-2.051	-3.000
971	9.70	-3.641	-3.746	-3.224	-2.171	-0.872	0.287	0.950	0.931	0.291	-0.672
981	9.80	-1.543	-1.952	-1.723	-0.951	0.047	0.870	1.202	0.953	0.281	-0.478
991	9.90	-0.963	-0.948	-0.427	0.388	1.173	1.633	1.624	1.209	0.617	0.147

Table 7-22-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.036	0.357	0.983	1.621	1.913	1.576	0.529	-1.032	-2.657	-3.758
1011	10.10	-3.823	-2.637	-0.443	2.043	3.820	3.930	1.838	-2.291	-7.562	-12.603
1021	10.20	-16.042	-17.033	-15.615	-12.743	-9.955	-8.787	-10.173	-14.071	-19.468	-24.780
1031	10.30	-28.461	-29.583	-28.116	-24.811	-20.731	-16.651	-12.615	-7.873	-1.256	8.133
1041	10.40	20.230	33.627	45.756	53.613	54.818	48.571	36.113	20.422	5.205	-6.439
1051	10.50	-13.151	-15.713	-16.499	-18.155	-22.081	-27.399	-31.003	-28.753	-17.427	3.418
1061	10.60	30.554	57.669	77.356	83.780	74.949	53.625	26.667	1.699	-13.762	-16.589
1071	10.70	-7.866	7.756	24.129	35.948	40.439	37.824	30.506	22.045	14.951	10.655
1081	10.80	9.033	8.995	9.172	8.449	6.199	2.280	-3.044	-9.152	-15.123	-19.905
1091	10.90	-22.677	-23.322	-22.761	-22.880	-25.918	-33.472	-45.533	-60.051	-73.353	-81.344
1101	11.00	-81.064	-71.925	-56.097	-37.824	-21.959	-12.294	-10.339	-14.974	-23.004	-30.331
1111	11.10	-33.257	-29.513	-18.771	-2.619	15.934	33.266	46.144	52.692	53.064	49.499
1121	11.20	45.571	44.731	48.610	55.837	62.065	61.481	49.391	24.855	-7.891	-40.118
1131	11.30	-61.396	-63.547	-64.124	-7.855	34.719	70.984	90.899	90.624	73.663	49.093
1141	11.40	27.707	17.720	21.737	36.076	52.474	61.307	55.000	30.478	-9.976	-59.434
1151	11.50	-108.169	-146.063	-165.033	-161.046	-135.294	-94.160	-47.727	-6.984	19.555	28.679
1161	11.60	23.548	12.312	4.607	7.256	21.051	40.197	54.858	55.786	38.952	7.920
1171	11.70	-27.301	-56.548	-64.994	-57.228	-37.917	-18.620	-10.232	-17.657	-37.300	-58.587
1181	11.80	-68.823	-59.107	-28.534	15.226	59.163	90.381	101.232	91.886	69.381	43.895
1191	11.90	24.155	14.130	12.296	13.489	12.123	5.092	-6.924	-20.141	-29.714	-31.991
1201	12.00	-25.917	-13.135	3.016	18.912	31.766	40.103	43.623	42.796	38.488	31.762
1211	12.10	23.757	15.474	7.455	-0.508	-9.356	-20.265	-33.776	-48.940	-63.004	-71.977
1221	12.20	-72.032	-61.199	-40.598	-14.552	10.628	28.794	36.198	32.891	22.682	11.660
1231	12.30	5.856	8.988	21.137	38.799	56.230	67.484	68.401	57.869	38.037	13.520
1241	12.40	-10.045	-27.607	-36.031	-34.809	-26.041	-13.706	-2.451	3.803	3.030	-4.306
1251	12.50	-15.443	-26.282	-32.822	-32.570	-25.434	-13.715	-1.231	8.130	11.831	9.530
1261	12.60	3.015	-4.704	-10.727	-13.450	-13.088	-11.363	-10.555	-12.379	-17.230	-24.105
1271	12.70	-31.207	-36.869	-40.315	-41.880	-42.569	-43.204	-43.619	-42.348	-37.028	-25.399
1281	12.80	-6.460	18.709	46.871	73.362	93.362	103.247	101.522	89.058	68.639	44.068
1291	12.90	19.189	-2.864	-20.049	-31.479	-37.275	-38.349	-36.164	-32.442	-28.791	-26.289
1301	13.00	-25.113	-24.399	-22.451	-17.294	-7.413	7.572	26.561	47.092	65.883	79.592
1311	13.10	85.549	82.259	69.596	48.751	22.030	-7.403	-35.850	-59.520	-75.119	-80.543
1321	13.20	-75.486	-61.711	-42.779	-23.189	-7.152	2.636	5.765	4.132	1.161	0.517
1331	13.30	4.756	14.429	27.920	42.065	53.252	58.578	56.637	47.713	33.383	15.798
1341	13.40	-3.026	-21.617	-39.036	-54.554	-67.252	-75.805	-78.632	-74.374	-62.518	-43.893
1351	13.50	-20.781	3.446	25.072	40.921	49.085	49.271	42.692	31.601	18.671	6.423
1361	13.60	-3.176	-8.919	-10.443	-8.245	-3.625	1.687	4.924	4.868	0.510	-7.473
1371	13.70	-16.888	-24.584	-27.483	-23.745	-13.582	0.644	15.169	26.153	31.065	29.556
1381	13.80	23.455	15.914	10.086	7.922	9.584	13.655	17.966	20.574	20.433	17.492
1391	13.90	12.319	5.559	-2.383	-11.229	-20.408	-28.638	-33.910	-34.027	-27.555	-14.740
1401	14.00	2.123	19.159	32.143	38.010	36.002	27.926	17.387	8.306	3.381	3.134
1411	14.10	5.936	8.933	9.409	5.946	-1.109	-10.029	-18.657	-25.432	-29.973	-32.987
1421	14.20	-35.587	-38.432	-41.165	-42.329	-40.108	-33.452	-22.173	-7.992	6.272	17.544
1431	14.30	23.569	23.685	19.004	11.951	5.356	1.473	1.281	4.302	8.933	13.129
1441	14.40	15.155	14.142	10.301	4.763	-0.832	-4.848	-6.122	-4.246	0.350	6.539
1451	14.50	12.809	17.671	20.087	19.779	17.325	13.978	11.223	10.204	11.207	13.443
1461	14.60	15.241	14.646	10.224	1.759	-9.464	-20.953	-29.826	-33.846	-32.296	-26.294
1471	14.70	-18.420	-11.767	-8.775	-10.304	-15.322	-21.312	-25.235	-24.673	-18.712	-8.243
1481	14.80	4.387	16.214	24.644	28.234	27.011	22.286	16.061	10.294	6.259	4.212
1491	14.90	3.427	2.566	0.233	-4.459	-11.500	-19.896	-27.911	-33.581	-35.325	-32.467

Table 7-22-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-25.480	-15.858	-5.663	3.107	9.100	11.952	12.274	11.327	10.517	10.912
1511	15.10	12.933	16.299	20.197	23.578	25.476	25.254	22.757	18.339	12.801	7.211
1521	15.20	2.649	-0.094	-0.761	0.267	2.116	3.766	4.519	4.345	3.946	4.435
1531	15.30	6.730	10.927	15.969	19.833	20.242	15.631	5.965	-6.996	-20.173	-30.225
1541	15.40	-34.794	-33.383	-27.506	-20.027	-13.975	-11.349	-12.438	-15.902	-19.553	-21.416
1551	15.50	-20.586	-17.486	-13.462	-9.967	-7.759	-6.528	-5.111	-2.175	3.006	10.062
1561	15.60	17.578	23.656	26.698	26.072	22.328	16.924	11.604	7.736	5.885	5.787
1571	15.70	6.645	7.569	7.927	7.480	6.292	4.533	2.332	-0.238	-3.060	-5.853
1581	15.80	-8.133	-9.336	-9.030	-7.127	-3.957	-0.168	3.533	6.642	9.018	10.836
1591	15.90	12.383	13.788	14.845	15.017	13.648	10.265	4.858	-2.007	-9.285	-15.724
1601	16.00	-20.201	-22.008	-20.993	-17.540	-12.415	-6.550	-0.835	4.033	7.624	9.782
1611	16.10	10.578	10.226	9.003	7.197	5.090	2.973	1.175	0.046	-0.130	0.713
1621	16.20	2.260	3.754	4.108	2.234	-2.495	-9.823	-18.437	-26.176	-30.641	-30.007
1631	16.30	-23.754	-12.994	-0.217	11.482	19.438	22.309	20.465	15.742	10.632	7.280
1641	16.40	6.681	8.389	10.848	12.145	10.864	6.669	0.391	-6.356	-11.849	-16.902
1651	16.50	-15.231	-13.429	-10.618	-7.968	-6.293	-5.859	-6.438	-7.515	-8.546	-9.136
1661	16.60	-9.121	-8.552	-7.629	-6.620	-5.783	-5.291	-5.165	-5.235	-5.170	-4.578
1671	16.70	-3.171	-0.922	1.862	4.616	6.720	7.757	7.697	6.911	5.988	5.431
1681	16.80	5.400	5.620	5.545	4.686	2.959	0.848	-0.721	-0.760	1.303	5.300
1691	16.90	10.311	15.001	18.161	19.191	18.293	16.269	14.029	12.040	10.025	7.076
1701	17.00	2.157	-5.228	-14.525	-24.069	-31.524	-34.704	-32.417	-24.985	-14.213	-2.806
1711	17.10	6.531	11.951	12.974	10.457	6.113	1.803	-1.107	-2.088	-1.410	0.171
1721	17.20	1.838	3.034	3.586	3.624	3.396	3.094	2.772	2.397	1.946	1.512
1731	17.30	1.324	1.683	2.834	4.845	7.523	10.434	12.980	14.540	14.619	12.968
1741	17.40	9.659	5.089	-0.085	-5.083	-9.171	-11.829	-12.866	-12.445	-10.992	-9.038
1751	17.50	-7.031	-5.214	-3.596	-2.043	-0.419	1.274	2.837	3.928	4.196	3.427
1761	17.60	1.644	-0.901	-3.824	-6.734	-9.330	-11.420	-12.865	-13.505	-13.130	-11.545
1771	17.70	-8.708	-4.863	-0.598	3.264	5.891	6.751	5.826	3.652	1.138	-0.769
1781	17.80	-1.433	-0.744	0.901	2.824	4.394	5.298	5.624	5.733	5.996	6.544
1791	17.90	7.177	7.471	7.053	5.864	4.290	3.037	2.815	3.953	6.153	8.499
1801	18.00	9.771	8.926	5.542	0.055	-6.356	-12.155	-15.981	-17.091	-15.567	-12.214
1811	18.10	-8.223	-4.747	-2.552	-1.853	-2.355	-3.437	-4.401	-4.679	-3.969	-2.276
1821	18.20	0.121	2.755	5.094	6.694	7.332	7.094	6.358	5.663	5.500	6.088
1831	18.30	7.252	8.457	9.016	8.388	6.433	3.516	0.384	-2.117	-3.385	-3.291
1841	18.40	-2.211	-0.838	0.122	0.236	-0.526	-1.844	-3.253	-4.365	-5.018	-5.279
1851	18.50	-5.328	-5.311	-5.260	-5.098	-4.739	-4.180	-3.533	-2.958	-2.544	-2.213
1861	18.60	-1.718	-0.749	0.902	3.205	5.880	8.500	10.680	12.223	13.142	13.561
1871	18.70	13.529	12.897	11.340	8.543	4.464	-0.474	-5.399	-9.247	-11.173	-10.921
1881	18.80	-8.972	-6.383	-4.356	-3.749	-4.736	-6.797	-9.008	-10.514	-10.924	-10.448
1891	18.90	-9.714	-9.363	-9.651	-10.257	-10.417	-9.305	-6.483	-2.186	2.704	6.985
1901	19.00	9.611	10.099	8.682	6.151	3.491	1.470	0.392	0.087	0.124	0.103
1911	19.10	-0.122	-0.397	-0.397	0.144	1.255	2.674	3.959	4.698	4.705	4.113
1921	19.20	3.318	2.794	2.885	3.655	4.862	6.060	6.789	6.757	5.948	4.624
1931	19.30	3.211	2.141	1.688	1.886	2.529	3.272	3.770	3.816	3.410	2.741
1941	19.40	2.098	1.745	1.824	2.321	3.112	4.059	5.098	6.250	7.570	9.015
1951	19.50	10.334	11.036	10.484	8.106	3.642	-2.665	-10.046	-17.353	-23.357	-27.078
1961	19.60	-28.039	-26.348	-22.601	-17.660	-12.402	-7.530	-3.492	-0.511	1.349	2.111
1971	19.70	1.878	0.845	-0.668	-2.230	-3.382	-3.754	-3.187	-1.793	0.074	1.937
1981	19.80	3.352	4.052	4.010	3.415	2.566	1.750	1.134	0.740	0.479	0.242
1991	19.90	-0.010	-0.201	-0.155	0.325	1.350	2.853	4.566	6.067	6.903	6.736

Table 7-22-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	5.472	3.304	0.672	-1.870	-3.817	-4.851	-4.918	-4.202	-3.027	-1.732
2011	20.10	-0.564	0.369	1.082	1.641	2.104	2.470	2.689	2.700	2.478	2.066
2021	20.20	1.574	1.148	0.926	1.000	1.396	2.075	2.946	3.881	4.733	5.353
2031	20.30	5.615	5.442	4.835	3.882	2.742	1.606	0.641	-0.058	-0.497	-0.772
2041	20.40	-1.028	-1.410	-2.017	-2.867	-3.896	-4.972	-5.919	-6.554	-6.719	-6.312
2051	20.50	-5.316	-3.801	-1.920	0.131	2.151	3.974	5.481	6.592	7.244	7.376
2061	20.60	6.935	5.912	4.388	2.559	0.707	-0.864	-1.927	-2.400	-2.361	-1.988
2071	20.70	-1.460	-0.871	-0.213	0.575	1.495	2.414	3.065	3.149	2.508	1.259
2081	20.80	-0.191	-1.290	-1.594	-1.023	0.031	0.816	0.526	-1.319	-4.611	-8.639
2091	20.90	-12.355	-14.802	-15.524	-14.739	-13.207	-11.827	-11.178	-11.210	-11.249	-10.325
2101	21.00	-7.668	-3.138	2.612	8.338	12.665	14.614	13.954	11.238	7.526	3.931
2111	21.10	1.197	-0.510	-1.532	-2.442	-3.708	-5.457	-7.427	-9.117	-10.014	-9.807
2121	21.20	-8.481	-6.267	-3.517	-0.564	2.359	5.121	7.638	9.810	11.499	12.556
2131	21.30	12.880	12.477	11.479	10.123	8.689	7.430	6.516	6.005	5.842	5.882
2141	21.40	5.926	5.767	5.254	4.332	3.079	1.694	0.440	-0.443	-0.821	-0.721
2151	21.50	-0.318	0.145	0.451	0.500	0.330	0.064	-0.182	-0.393	-0.693	-1.293
2161	21.60	-2.378	-3.977	-5.887	-7.690	-8.871	-8.995	-7.859	-5.583	-2.570	0.616
2171	21.70	3.427	5.480	6.636	6.990	6.790	6.325	5.628	5.425	5.132	4.887
2181	21.80	4.596	4.178	3.586	2.815	1.898	0.893	-0.143	-1.164	-2.154	-3.123
2191	21.90	-4.094	-5.072	-6.024	-6.859	-7.450	-7.668	-7.433	-6.751	-5.727	-4.531
2201	22.00	-3.349	-2.322	-1.513	-0.916	-0.491	-0.205	-0.067	-0.121	-0.404	-0.908
2211	22.10	-1.549	-2.179	-2.638	-2.812	-2.681	-2.321	-1.859	-1.411	-1.023	-0.657
2221	22.20	-0.220	0.374	1.156	2.078	3.042	3.948	4.737	5.400	5.935	6.286
2231	22.30	6.305	5.771	4.477	2.357	-0.409	-3.373	-5.913	-7.421	-7.511	-6.175
2241	22.40	-3.800	-1.040	1.408	3.042	3.698	3.567	3.056	2.591	2.436	2.602
2251	22.50	2.885	2.996	2.716	1.998	0.979	-0.095	-0.994	-1.599	-1.938	-2.139
2261	22.60	-2.343	-2.617	-2.917	-3.122	-3.104	-2.814	-2.316	-1.773	-1.377	-1.267
2271	22.70	-1.471	-1.901	-2.406	-2.839	-3.125	-3.278	-3.378	-3.515	-3.734	-4.014
2281	22.80	-4.278	-4.445	-4.472	-4.382	-4.248	-4.150	-4.127	-4.148	-4.120	-3.936
2291	22.90	-3.521	-2.877	-2.084	-1.254	-0.483	0.197	0.836	1.525	2.350	3.335
2301	23.00	4.423	5.501	6.455	7.229	7.843	8.376	8.903	9.423	9.826	9.919
2311	23.10	9.504	8.478	6.911	5.044	3.224	1.776	0.885	0.538	0.541	0.628
2321	23.20	0.586	0.347	0.012	-0.224	-0.184	0.177	0.731	1.213	1.330	0.887
2331	23.30	-0.128	-1.538	-3.045	-4.346	-5.234	-5.654	-5.687	-5.492	-5.223	-4.974
2341	23.40	-4.758	-4.533	-4.237	-3.821	-3.271	-2.602	-1.852	-1.070	-0.313	0.360
2351	23.50	0.894	1.258	1.450	1.510	1.498	1.473	1.459	1.439	1.369	1.208
2361	23.60	0.957	0.671	0.432	0.309	0.310	0.368	0.374	0.245	-0.016	-0.287
2371	23.70	-0.372	-0.088	0.639	1.717	2.913	3.945	4.604	4.835	4.734	4.468
2381	23.80	4.145	3.728	3.040	1.863	0.097	-2.121	-4.403	-6.232	-7.167	-7.038
2391	23.90	-6.024	-4.584	-3.241	-2.346	-1.922	-1.675	-1.164	-0.044	1.731	3.863
2401	24.00	5.829	7.114	7.439	6.870	5.753	4.526	3.505	2.751	2.092	1.275
2411	24.10	0.162	-1.147	-2.320	-2.947	-2.749	-1.734	-0.230	1.239	2.166	2.263
2421	24.20	1.561	0.366	-0.890	-1.830	-2.259	-2.189	-1.775	-1.212	-0.663	-0.233
2431	24.30	-0.009	-0.097	-0.622	-1.680	-3.250	-5.134	-6.968	-8.310	-8.799	-8.293
2441	24.40	-6.937	-5.114	-3.314	-1.952	-1.241	-1.152	-1.469	-1.911	-2.241	-2.332
2451	24.50	-2.148	-1.689	-0.935	0.165	1.651	3.475	5.447	7.234	8.448	8.773
2461	24.60	8.096	6.570	4.583	2.630	1.150	0.385	0.309	0.665	1.082	1.218
2471	24.70	0.876	0.053	-1.094	-2.332	-3.450	-4.325	-4.938	-5.336	-5.570	-5.649
2481	24.80	-5.518	-5.088	-4.286	-3.112	-1.657	-0.101	1.349	2.515	3.304	3.731
2491	24.90	3.896	3.943	3.997	4.133	4.354	4.616	4.854	5.019	5.098	5.100

Table 7-22-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	5.062	5.009	4.952	4.887	4.798	4.675	4.515	4.322	4.098	3.836
2511	25.10	3.521	3.133	2.661	2.113	1.516	0.912	0.338	-0.186	-0.672	-1.163
2521	25.20	-1.720	-2.406	-3.266	-4.307	-5.497	-6.760	-7.994	-9.090	-9.957	-10.543
2531	25.30	-10.845	-10.904	-10.781	-10.530	-10.168	-9.665	-8.950	-7.947	-6.610	-4.963
2541	25.40	-3.109	-1.207	0.570	2.088	3.291	4.202	4.903	5.473	5.946	6.279
2551	25.50	6.371	6.112	5.446	4.429	3.236	2.131	1.386	1.197	1.612	2.522
2561	25.60	3.700	4.888	5.887	6.627	7.168	7.644	8.173	8.765	9.280	9.456
2571	25.70	9.006	7.740	5.665	3.022	0.226	-2.258	-4.067	-5.048	-5.287	-5.049
2581	25.80	-4.646	-4.303	-4.078	-3.864	-3.474	-2.760	-1.718	-0.515	0.565	1.228
2591	25.90	1.294	0.768	-0.170	-1.242	-2.185	-2.851	-3.239	-3.467	-3.688	-4.007
2601	26.00	-4.426	-4.853	-5.155	-5.224	-5.032	-4.639	-4.156	-3.697	-3.322	-3.028
2611	26.10	-2.770	-2.498	-2.202	-1.924	-1.750	-1.763	-2.010	-2.480	-3.101	-3.776
2621	26.20	-4.414	-4.951	-5.357	-5.618	-5.713	-5.596	-5.203	-4.465	-3.343	-1.850
2631	26.30	-0.059	1.903	3.881	5.718	7.281	8.472	9.237	9.568	9.507	9.144
2641	26.40	8.611	8.067	7.662	7.507	7.638	8.014	8.524	9.022	9.375	9.493
2651	26.50	9.341	8.931	8.294	7.458	6.436	5.241	3.910	2.520	1.196	0.076
2661	26.60	-0.728	-1.176	-1.321	-1.292	-1.248	-1.320	-1.563	-1.952	-2.413	-2.875
2671	26.70	-3.322	-3.802	-4.407	-5.213	-6.226	-7.355	-8.432	-9.275	-9.759	-9.871
2681	26.80	-9.707	-9.421	-9.147	-8.937	-8.732	-8.403	-7.826	-6.963	-5.906	-4.854
2691	26.90	-4.049	-3.665	-3.740	-4.147	-4.641	-4.954	-4.891	-4.400	-3.580	-2.627
2701	27.00	-1.749	-1.084	-0.661	-0.397	-0.153	0.202	0.744	1.469	2.307	3.164
2711	27.10	3.961	4.658	5.261	5.797	6.295	6.759	7.163	7.463	7.616	7.597
2721	27.20	7.411	7.087	6.665	6.177	5.644	5.078	4.492	3.926	3.445	3.135
2731	27.30	3.077	3.312	3.816	4.491	5.193	5.775	6.134	6.245	6.159	5.964
2741	27.40	5.734	5.477	5.124	4.555	3.667	2.444	0.997	-0.448	-1.617	-2.296
2751	27.50	-2.618	-2.105	-1.639	-1.361	-1.550	-2.316	-3.562	-5.027	-6.376	-7.327
2761	27.60	-7.737	-7.630	-7.159	-6.526	-5.897	-5.356	-4.899	-4.487	-4.096	-3.759
2771	27.70	-3.568	-3.627	-3.995	-4.633	-5.393	-6.058	-6.612	-6.311	-5.742	-4.815
2781	27.80	-3.725	-2.675	-1.808	-1.166	-0.701	-0.310	0.098	0.565	1.064	1.525
2791	27.90	1.873	2.073	2.143	2.152	2.176	2.265	2.415	2.572	2.662	2.624
2801	28.00	2.444	2.160	1.847	1.580	1.415	1.371	1.445	1.634	1.949	2.418
2811	28.10	3.065	3.880	4.795	5.691	6.420	6.858	6.945	6.703	6.226	5.635
2821	28.20	5.029	4.449	3.880	3.269	2.571	1.779	0.928	0.079	-0.716	-1.443
2831	28.30	-2.128	-2.818	-3.541	-4.281	-4.964	-5.491	-5.774	-5.780	-5.552	-5.190
2841	28.40	-4.813	-4.511	-4.315	-4.193	-4.077	-3.900	-3.631	-3.281	-2.892	-2.503
2851	28.50	-2.132	-1.760	-1.350	-0.866	-0.293	0.346	1.012	1.658	2.255	2.795
2861	28.60	3.283	3.717	4.080	4.336	4.442	4.377	4.149	3.805	3.406	3.002
2871	28.70	2.611	2.205	1.734	1.148	0.436	-0.358	-1.145	-1.815	-2.277	-2.492
2881	28.80	-2.485	-2.323	-2.091	-1.851	-1.624	-1.389	-1.102	-0.726	-0.260	0.261
2891	28.90	0.771	1.200	1.496	1.645	1.664	1.587	1.447	1.262	1.033	0.753
2901	29.00	0.425	0.065	-0.301	-0.653	-0.993	-1.357	-1.798	-2.363	-3.053	-3.803
2911	29.10	-4.479	-4.908	-4.934	-4.469	-3.537	-2.270	-0.875	0.419	1.426	2.040
2921	29.20	2.249	2.116	1.749	1.260	0.751	0.293	-0.068	-0.314	-0.461	-0.557
2931	29.30	-0.673	-0.884	-1.235	-1.708	-2.207	-2.573	-2.632	-2.264	-1.457	-0.334
2941	29.40	0.872	1.891	2.698	2.595	2.233	1.589	0.895	0.347	0.041	-0.050
2951	29.50	-0.046	-0.097	-0.308	-0.697	-1.186	-1.636	-1.907	-1.906	-1.617	-1.086
2961	29.60	-0.392	0.401	1.271	2.233	3.314	4.306	5.735	6.858	7.697	8.096
2971	29.70	7.979	7.384	6.452	5.378	4.338	3.429	2.642	1.891	1.066	0.103
2981	29.80	-0.977	-2.070	-3.032	-3.742	-4.148	-4.285	-4.243	-4.120	-3.987	-3.874
2991	29.90	-3.798	-3.805	-3.988	-4.468	-5.335	-6.570	-8.001	-9.317	-10.158	-10.241

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

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-9.472	-7.992	-6.123	-4.250	-2.676	-1.525	-0.750	-0.201	0.259	0.658
3011	30.10	0.917	0.924	0.651	0.240	0.003	0.313	1.438	3.395	5.892	8.414
3021	30.20	10.407	11.485	11.576	10.926	9.975	9.161	8.733	8.674	8.740	8.608
3031	30.30	8.033	6.966	5.559	4.084	2.807	1.883	1.326	1.037	0.890	0.793
3041	30.40	0.719	0.672	0.641	0.559	0.306	-0.234	-1.116	-2.274	-3.532	-4.654
3051	30.50	-5.436	-5.776	-5.713	-5.392	-5.001	-4.694	-4.532	-4.487	-4.470	-4.390
3061	30.60	-4.195	-3.889	-3.518	-3.130	-2.752	-2.375	-1.972	-1.517	-1.015	-0.512
3071	30.70	-0.080	0.205	0.296	0.189	-0.070	-0.404	-0.729	-0.986	-1.153	-1.247
3081	30.80	-1.313	-1.402	-1.547	-1.749	-1.983	-2.203	-2.373	-2.482	-2.548	-2.611
3091	30.90	-2.709	-2.847	-2.988	-3.054	-2.950	-2.605	-1.998	-1.175	-0.239	0.686
3101	31.00	1.490	2.104	2.508	2.719	2.770	2.689	2.496	2.198	1.828	1.430
3111	31.10	1.066	0.806	0.705	0.787	1.052	1.473	2.020	2.660	3.358	4.071
3121	31.20	4.739	5.284	5.632	5.731	5.570	5.186	4.652	4.045	3.425	2.820
3131	31.30	2.223	1.620	1.001	0.380	-0.215	-0.750	-1.206	-1.578	-1.867	-2.061
3141	31.40	-2.126	-2.003	-1.641	-1.029	-0.225	0.645	1.411	1.918	2.076	1.887
3151	31.50	1.444	0.883	0.329	-0.145	-0.540	-0.902	-1.289	-1.725	-2.186	-2.608
3161	31.60	-2.921	-3.078	-3.079	-2.956	-2.754	-2.502	-2.201	-1.834	-1.389	-0.879
3171	31.70	-0.356	0.114	0.477	0.719	0.882	1.037	1.250	1.535	1.835	2.036
3181	31.80	2.006	1.658	0.990	0.096	-0.864	-1.718	-2.350	-2.728	-2.905	-2.986
3191	31.90	-3.074	-3.224	-3.432	-3.647	-3.807	-3.875	-3.856	-3.795	-3.743	-3.732
3201	32.00	-3.752	-3.756	-3.685	-3.495	-3.179	-2.771	-2.323	-1.879	-1.454	-1.022
3211	32.10	-0.539	0.037	0.722	1.492	2.302	3.100	3.859	4.575	5.263	5.932
3221	32.20	6.559	7.091	7.456	7.599	7.514	7.256	6.927	6.630	6.420	6.268
3231	32.30	6.065	5.658	4.919	3.802	2.373	0.793	-0.736	-2.044	-3.050	-3.773
3241	32.40	-4.311	-4.782	-5.264	-5.763	-6.218	-6.540	-6.667	-6.594	-6.380	-6.118
3251	32.50	-5.887	-5.712	-5.547	-5.301	-4.883	-4.240	-3.390	-2.412	-1.410	-0.471
3261	32.60	0.363	1.096	1.752	2.341	2.827	3.138	3.191	2.944	2.440	1.815
3271	32.70	1.269	1.003	1.145	1.703	2.557	3.496	4.293	4.782	4.905	4.717
3281	32.80	4.349	3.941	3.586	3.290	2.977	2.538	1.876	0.967	-0.129	-1.273
3291	32.90	-2.299	-3.061	-3.482	-3.578	-3.444	-3.221	-3.044	-3.003	-3.110	-3.308
3301	33.00	-3.495	-3.565	-3.453	-3.158	-2.749	-2.336	-2.033	-1.910	-1.969	-2.163
3311	33.10	-2.323	-2.398	-2.301	-2.025	-1.622	-1.171	-0.739	-0.347	0.037	0.479
3321	33.20	1.045	1.759	2.587	3.435	4.183	4.722	4.988	4.973	4.718	4.289
3331	33.30	3.745	3.125	2.465	1.712	0.938	0.156	-0.584	-1.218	-1.686	-1.946
3341	33.40	-1.977	-1.784	-1.396	-0.865	-0.262	0.331	0.833	1.181	1.353	1.371
3351	33.50	1.305	1.244	1.270	1.428	1.715	2.082	2.459	2.787	3.034	3.206
3361	33.60	3.316	3.386	3.409	3.352	3.175	2.854	2.401	1.871	1.346	0.908
3371	33.70	0.606	0.443	0.377	0.348	0.303	0.219	0.108	0.003	-0.061	-0.068
3381	33.80	-0.035	0.001	-0.008	-0.101	-0.293	-0.578	-0.927	-1.303	-1.665	-1.978
3391	33.90	-2.209	-2.339	-2.357	-2.270	-2.098	-1.873	-1.627	-1.389	-1.173	-0.983
3401	34.00	-0.813	-0.661	-0.531	-0.434	-0.386	-0.394	-0.458	-0.566	-0.705	-0.864
3411	34.10	-1.041	-1.240	-1.466	-1.709	-1.949	-2.150	-2.275	-2.300	-2.218	-2.043
3421	34.20	-1.800	-1.514	-1.209	-0.900	-0.604	-0.346	-0.157	-0.070	-0.096	-0.219
3431	34.30	-0.383	-0.507	-0.511	-0.346	-0.012	0.431	0.890	1.264	1.480	1.514
3441	34.40	1.395	1.181	0.938	0.711	0.515	0.336	0.149	-0.066	-0.308	-0.559
3451	34.50	-0.787	-0.961	-1.068	-1.112	-1.119	-1.120	-1.147	-1.217	-1.329	-1.464
3461	34.60	-1.594	-1.690	-1.733	-1.727	-1.695	-1.672	-1.691	-1.762	-1.866	-1.950
3471	34.70	-1.949	-1.808	-1.512	-1.101	-0.662	-0.306	-0.125	-0.157	-0.365	-0.646
3481	34.80	-0.863	-0.893	-0.672	-0.211	0.404	1.049	1.600	1.974	2.142	2.128
3491	34.90	1.979	1.743	1.445	1.091	0.680	0.224	-0.236	-0.629	-0.870	-0.895

Table 7-22-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.684	-0.282	0.217	0.688	1.022	1.157	1.096	0.901	0.661	0.455
3511	35.10	0.323	0.251	0.189	0.080	-0.103	-0.340	-0.565	-0.692	-0.650	-0.417
3521	35.20	-0.025	0.456	0.952	1.420	1.866	2.338	2.894	3.560	4.304	5.035
3531	35.30	5.628	5.975	6.019	5.781	5.341	4.807	4.262	3.737	3.208	2.616
3541	35.40	1.912	1.090	0.204	-0.655	-1.388	-1.929	-2.270	-2.457	-2.565	-2.659
3551	35.50	-2.766	-2.868	-2.916	-2.862	-2.690	-2.429	-2.150	-1.933	-1.840	-1.892
3561	35.60	-2.056	-2.271	-2.467	-2.600	-2.661	-2.678	-2.695	-2.742	-2.819	-2.888
3571	35.70	-2.882	-2.734	-2.401	-1.883	-1.228	-0.518	0.159	0.737	1.186	1.522
3581	35.80	1.790	2.044	2.326	2.648	2.992	3.321	3.590	3.766	3.834	3.794
3591	35.90	3.659	3.443	3.156	2.805	2.396	1.939	1.451	0.953	0.470	0.022
3601	36.00	-0.374	-0.705	-0.962	-1.132	-1.208	-1.186	-1.073	-0.890	-0.668	-0.443
3611	36.10	-0.244	-0.086	0.037	0.145	0.268	0.434	0.655	0.924	1.213	1.484
3621	36.20	1.694	1.810	1.816	1.720	1.545	1.323	1.083	0.838	0.585	0.307
3631	36.30	-0.014	-0.383	-0.784	-1.181	-1.534	-1.814	-2.021	-2.190	-2.376	-2.634
3641	36.40	-2.984	-3.407	-3.842	-4.214	-4.467	-4.588	-4.613	-4.608	-4.635	-4.724
3651	36.50	-4.858	-4.982	-5.036	-4.987	-4.838	-4.628	-4.393	-4.144	-3.848	-3.442
3661	36.60	-2.875	-2.145	-1.322	-0.531	0.095	0.476	0.624	0.643	0.679	0.853
3671	36.70	1.198	1.648	2.068	2.339	2.430	2.436	2.552	2.993	3.887	5.203
3681	36.80	6.736	8.171	9.192	9.595	9.352	8.612	7.624	6.635	5.803	5.156
3691	36.90	4.606	4.019	3.283	2.359	1.296	0.195	-0.833	-1.704	-2.386	-2.886
3701	37.00	-3.230	-3.445	-3.544	-3.533	-3.418	-3.220	-2.968	-2.697	-2.437	-2.204
3711	37.10	-2.001	-1.822	-1.658	-1.499	-1.333	-1.150	-0.938	-0.690	-0.409	-0.114
3721	37.20	0.169	0.416	0.618	0.787	0.958	1.168	1.444	1.789	2.187	2.613
3731	37.30	3.053	3.508	3.996	4.522	5.062	5.543	5.863	5.914	5.631	5.016
3741	37.40	4.148	3.151	2.152	1.228	0.393	-0.400	-1.215	-2.092	-3.014	-3.909
3751	37.50	-4.680	-5.245	-5.575	-5.699	-5.694	-5.644	-5.607	-5.605	-5.620	-5.627
3761	37.60	-5.608	-5.567	-5.521	-5.488	-5.468	-5.443	-5.387	-5.283	-5.139	-4.983
3771	37.70	-4.866	-4.743	-4.652	-4.519	-4.277	-3.876	-3.308	-2.609	-1.848	-1.098
3781	37.80	-0.408	0.206	0.754	1.252	1.704	2.093	2.391	2.577	2.654	2.656
3791	37.90	2.627	2.606	2.600	2.582	2.506	2.333	2.062	1.736	1.434	1.238
3801	38.00	1.204	1.334	1.582	1.868	2.117	2.278	2.340	2.324	2.263	2.182
3811	38.10	2.093	1.990	1.865	1.720	1.571	1.446	1.373	1.371	1.445	1.591
3821	38.20	1.801	2.071	2.398	2.777	3.195	3.627	4.039	4.397	4.685	4.899
3831	38.30	5.056	5.174	5.263	5.316	5.311	5.224	5.039	4.764	4.428	4.071
3841	38.40	3.725	3.404	3.095	2.765	2.380	1.920	1.388	0.809	0.218	-0.360
3851	38.50	-0.921	-1.485	-2.083	-2.737	-3.449	-4.187	-4.897	-5.518	-6.008	-6.358
3861	38.60	-6.596	-6.767	-6.917	-7.063	-7.182	-7.217	-7.099	-6.775	-6.234	-5.519
3871	38.70	-4.713	-3.919	-3.221	-2.663	-2.246	-1.935	-1.688	-1.476	-1.298	-1.175
3881	38.80	-1.128	-1.151	-1.203	-1.210	-1.088	-0.773	-0.254	0.423	1.169	1.874
3891	38.90	2.453	2.861	3.101	3.209	3.231	3.200	3.125	2.999	2.815	2.580
3901	39.00	2.321	2.077	1.880	1.744	1.651	1.565	1.447	1.275	1.054	0.816
3911	39.10	0.602	0.441	0.340	0.280	0.229	0.160	0.064	-0.046	-0.144	-0.209
3921	39.20	-0.237	-0.250	-0.281	-0.360	-0.498	-0.677	-0.860	-1.005	-1.081	-1.089
3931	39.30	-1.052	-1.006	-0.984	-0.994	-1.020	-1.031	-0.990	-0.879	-0.699	-0.473
3941	39.40	-0.232	-0.001	0.206	0.389	0.548	0.680	0.761	0.757	0.630	0.351
3951	39.50	-0.079	-0.630	-1.241	-1.837	-2.343	-2.705	-2.893	-2.912	-2.788	-2.563
3961	39.60	-2.283	-1.982	-1.683	-1.390	-1.099	-0.797	-0.471	-0.120	0.251	0.625
3971	39.70	0.986	1.319	1.622	1.902	2.174	2.453	2.744	3.040	3.317	3.545
3981	39.80	3.696	3.753	3.719	3.616	3.472	3.321	3.182	3.062	2.948	2.820
3991	39.90	2.655	2.439	2.170	1.861	1.533	1.208	0.901	0.616	0.347	0.076

Table 7-22-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.213	-0.532	-0.886	-1.267	-1.665	-2.068	-2.467	-2.858	-3.236	-3.586
4011	40.10	-3.885	-4.098	-4.187	-4.122	-3.897	-3.535	-3.088	-2.619	-2.186	-1.824
4021	40.20	-1.534	-1.286	-1.040	-0.759	-0.434	-0.085	0.246	0.515	0.695	0.791
4031	40.30	0.837	0.883	0.973	1.129	1.339	1.568	1.774	1.922	2.003	2.028
4041	40.40	2.024	2.013	2.002	1.982	1.933	1.834	1.681	1.486	1.276	1.076
4051	40.50	0.901	0.749	0.600	0.430	0.220	-0.036	-0.330	-0.646	-0.969	-1.288
4061	40.60	-1.598	-1.894	-2.160	-2.373	-2.505	-2.535	-2.461	-2.303	-2.101	-1.898
4071	40.70	-1.729	-1.603	-1.509	-1.420	-1.312	-1.178	-1.032	-0.900	-0.812	-0.782
4081	40.80	-0.807	-0.870	-0.950	-1.034	-1.118	-1.202	-1.279	-1.321	-1.282	-1.113
4091	40.90	-0.760	-0.289	0.310	0.932	1.482	1.893	2.146	2.276	2.340	2.434
4101	41.00	2.573	2.759	2.944	3.061	3.057	2.913	2.657	2.346	2.044	1.800
4111	41.10	1.628	1.512	1.422	1.330	1.227	1.129	1.065	1.064	1.136	1.267
4121	41.20	1.418	1.535	1.568	1.486	1.284	0.991	0.655	0.332	0.064	-0.132
4131	41.30	-0.270	-0.388	-0.532	-0.729	-0.975	-1.227	-1.415	-1.468	-1.344	-1.052
4141	41.40	-0.658	-0.266	0.012	0.094	-0.045	-0.369	-0.793	-1.218	-1.563	-1.786
4151	41.50	-1.891	-1.910	-1.884	-1.840	-1.781	-1.687	-1.533	-1.300	-0.991	-0.634
4161	41.60	-0.270	0.053	0.301	0.460	0.538	0.561	0.563	0.578	0.627	0.715
4171	41.70	0.834	0.961	1.072	1.147	1.175	1.157	1.106	1.037	0.965	0.901
4181	41.80	0.845	0.795	0.745	0.689	0.621	0.537	0.434	0.313	0.176	0.030
4191	41.90	-0.116	-0.257	-0.394	-0.540	-0.719	-0.953	-1.249	-1.594	-1.946	-2.249
4201	42.00	-2.452	-2.529	-2.495	-2.401	-2.318	-2.306	-2.391	-2.551	-2.726	-2.849
4211	42.10	-2.871	-2.786	-2.631	-2.466	-2.342	-2.276	-2.237	-2.165	-1.993	-1.686
4221	42.20	-1.256	-0.761	-0.283	0.108	0.376	0.535	0.632	0.729	0.870	1.064
4231	42.30	1.291	1.511	1.691	1.818	1.906	1.986	2.083	2.208	2.342	2.450
4241	42.40	2.493	2.448	2.315	2.120	1.900	1.690	1.506	1.340	1.167	0.959
4251	42.50	0.699	0.391	0.058	-0.261	-0.528	-0.717	-0.819	-0.845	-0.814	-0.750
4261	42.60	-0.676	-0.609	-0.566	-0.558	-0.593	-0.669	-0.772	-0.874	-0.937	-0.931
4271	42.70	-0.841	-0.682	-0.494	-0.330	-0.236	-0.227	-0.277	-0.332	-0.323	-0.196
4281	42.80	0.065	0.433	0.851	1.255	1.600	1.874	2.095	2.294	2.492	2.687
4291	42.90	2.852	2.950	2.955	2.866	2.711	2.533	2.371	2.239	2.124	1.997
4301	43.00	1.831	1.620	1.383	1.156	0.969	0.829	0.712	0.577	0.389	0.143
4311	43.10	-0.124	-0.346	-0.456	-0.419	-0.256	-0.041	0.123	0.146	-0.013	-0.334
4321	43.20	-0.743	-1.146	-1.467	-1.678	-1.802	-1.894	-2.011	-2.185	-2.401	-2.615
4331	43.30	-2.766	-2.810	-2.735	-2.565	-2.349	-2.139	-1.971	-1.855	-1.775	-1.703
4341	43.40	-1.603	-1.448	-1.224	-0.929	-0.573	-0.179	0.220	0.590	0.895	1.116
4351	43.50	1.251	1.323	1.370	1.432	1.534	1.672	1.819	1.929	1.960	1.896
4361	43.60	1.750	1.561	1.379	1.239	1.152	1.093	1.021	0.893	0.685	0.398
4371	43.70	0.056	-0.315	-0.685	-1.050	-1.418	-1.799	-2.195	-2.591	-2.957	-3.260
4381	43.80	-3.479	-3.613	-3.681	-3.711	-3.724	-3.722	-3.688	-3.593	-3.411	-3.134
4391	43.90	-2.775	-2.362	-1.925	-1.486	-1.047	-0.602	-0.141	0.335	0.811	1.259
4401	44.00	1.656	1.987	2.258	2.486	2.695	2.898	3.090	3.255	3.367	3.410
4411	44.10	3.383	3.301	3.188	3.068	2.954	2.844	2.728	2.594	2.435	2.253
4421	44.20	2.054	1.844	1.625	1.393	1.146	0.888	0.630	0.388	0.177	0.005
4431	44.30	-0.136	-0.265	-0.400	-0.552	-0.716	-0.870	-0.986	-1.040	-1.021	-0.934
4441	44.40	-0.800	-0.644	-0.487	-0.340	-0.206	-0.082	0.032	0.135	0.218	0.278
4451	44.50	0.311	0.323	0.317	0.295	0.251	0.174	0.050	-0.128	-0.352	-0.602
4461	44.60	-0.851	-1.074	-1.257	-1.405	-1.540	-1.687	-1.863	-2.070	-2.287	-2.477
4471	44.70	-2.601	-2.628	-2.548	-2.373	-2.133	-1.866	-1.602	-1.361	-1.142	-0.934
4481	44.80	-0.718	-0.479	-0.213	0.073	0.360	0.627	0.855	1.032	1.160	1.250
4491	44.90	1.322	1.395	1.483	1.592	1.718	1.848	1.967	2.061	2.121	2.146

Table 7-22-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.138	2.105	2.051	1.983	1.902	1.808	1.705	1.597	1.489	1.387
4511	45.10	1.291	1.198	1.097	0.980	0.838	0.672	0.489	0.302	0.126	-0.033
4521	45.20	-0.172	-0.298	-0.421	-0.546	-0.674	-0.801	-0.922	-1.035	-1.150	-1.278
4531	45.30	-1.434	-1.623	-1.837	-2.056	-2.254	-2.413	-2.525	-2.604	-2.671	-2.745
4541	45.40	-2.831	-2.914	-2.963	-2.946	-2.844	-2.661	-2.422	-2.159	-1.895	-1.627
4551	45.50	-1.328	-0.959	-0.491	0.072	0.682	1.257	1.700	1.933	1.919	1.681
4561	45.60	1.289	0.865	0.454	0.199	0.123	0.229	0.478	0.809	1.146	1.417
4571	45.70	1.570	1.578	1.452	1.230	0.972	0.738	0.569	0.476	0.439	0.416
4581	45.80	0.366	0.264	0.112	-0.066	-0.236	-0.373	-0.472	-0.545	-0.615	-0.697
4591	45.90	-0.788	-0.865	-0.898	-0.864	-0.758	-0.600	-0.424	-0.263	-0.139	-0.048
4601	46.00	0.027	0.113	0.226	0.369	0.531	0.699	0.861	1.018	1.178	1.349
4611	46.10	1.529	1.710	1.875	2.013	2.122	2.214	2.309	2.419	2.542	2.658
4621	46.20	2.735	2.748	2.687	2.570	2.432	2.310	2.229	2.183	2.143	2.063
4631	46.30	1.905	1.653	1.317	0.932	0.539	0.170	-0.166	-0.478	-0.787	-1.108
4641	46.40	-1.445	-1.782	-2.088	-2.335	-2.501	-2.586	-2.609	-2.601	-2.596	-2.615
4651	46.50	-2.663	-2.727	-2.778	-2.785	-2.727	-2.599	-2.421	-2.228	-2.058	-1.936
4661	46.60	-1.862	-1.805	-1.716	-1.545	-1.262	-0.877	-0.442	-0.033	0.272	0.422
4671	46.70	0.411	0.278	0.091	-0.079	-0.185	-0.214	-0.189	-0.147	-0.125	-0.139
4681	46.80	-0.185	-0.241	-0.287	-0.312	-0.321	-0.328	-0.346	-0.380	-0.426	-0.465
4691	46.90	-0.494	-0.510	-0.524	-0.548	-0.589	-0.639	-0.676	-0.673	-0.613	-0.498
4701	47.00	-0.347	-0.197	-0.075	0.006	0.056	0.103	0.173	0.278	0.402	0.506
4711	47.10	0.545	0.485	0.323	0.092	-0.156	-0.363	-0.491	-0.531	-0.505	-0.445
4721	47.20	-0.381	-0.321	-0.251	-0.141	0.033	0.278	0.575	0.888	1.174	1.407
4731	47.30	1.582	1.716	1.841	1.980	2.146	2.330	2.514	2.684	2.838	2.987
4741	47.40	3.151	3.345	3.563	3.778	3.950	4.039	4.023	3.904	3.711	3.479
4751	47.50	3.240	3.003	2.755	2.470	2.121	1.699	1.216	0.698	0.178	-0.319
4761	47.60	-0.784	-1.221	-1.639	-2.040	-2.412	-2.735	-2.985	-3.152	-3.242	-3.279
4771	47.70	-3.296	-3.321	-3.367	-3.423	-3.465	-3.467	-3.409	-3.289	-3.117	-2.915
4781	47.80	-2.699	-2.474	-2.230	-1.950	-1.616	-1.222	-0.773	-0.294	0.186	0.638
4791	47.90	1.044	1.400	1.715	2.004	2.277	2.538	2.776	2.972	3.105	3.164
4801	48.00	3.147	3.067	2.942	2.791	2.624	2.442	2.242	2.023	1.790	1.561
4811	48.10	1.354	1.180	1.034	0.891	0.710	0.456	0.109	-0.321	-0.796	-1.261
4821	48.20	-1.668	-1.991	-2.233	-2.419	-2.578	-2.729	-2.869	-2.972	-3.010	-2.965
4831	48.30	-2.844	-2.677	-2.504	-2.360	-2.259	-2.191	-2.132	-2.059	-1.964	-1.854
4841	48.40	-1.752	-1.676	-1.633	-1.612	-1.593	-1.556	-1.498	-1.430	-1.378	-1.362
4851	48.50	-1.392	-1.457	-1.533	-1.596	-1.633	-1.647	-1.652	-1.664	-1.691	-1.724
4861	48.60	-1.748	-1.751	-1.733	-1.710	-1.703	-1.722	-1.757	-1.769	-1.705	-1.521
4871	48.70	-1.199	-0.763	-0.270	0.207	0.611	0.918	1.148	1.349	1.574	1.855
4881	48.80	2.189	2.541	2.859	3.101	3.247	3.314	3.339	3.363	3.416	3.501
4891	48.90	3.602	3.687	3.731	3.718	3.649	3.537	3.392	3.221	3.024	2.794
4901	49.00	2.529	2.237	1.930	1.624	1.328	1.039	0.746	0.431	0.085	-0.282
4911	49.10	-0.446	-0.971	-1.224	-1.392	-1.486	-1.538	-1.588	-1.663	-1.766	-1.873
4921	49.20	-1.941	-1.932	-1.829	-1.648	-1.434	-1.240	-1.110	-1.054	-1.044	-1.029
4931	49.30	-0.952	-0.774	-0.490	-0.133	0.246	0.595	0.882	1.101	1.274	1.432
4941	49.40	1.602	1.797	2.009	2.214	2.385	2.497	2.537	2.503	2.405	2.256
4951	49.50	2.077	1.885	1.698	1.521	1.353	1.177	0.973	0.720	0.410	0.055
4961	49.60	-0.311	-0.647	-0.911	-1.084	-1.171	-1.199	-1.207	-1.225	-1.265	-1.311
4971	49.70	-1.332	-1.297	-1.190	-1.019	-0.813	-0.608	-0.435	-0.303	-0.204	-0.116
4981	49.80	-0.019	0.098	0.227	0.352	0.455	0.529	0.578	0.612	0.642	0.671
4991	49.90	0.687	0.674	0.616	0.513	0.380	0.245	0.134	0.062	0.023	-0.009

Table 7-22-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.066	-0.171	-0.329	-0.523	-0.721	-0.891	-1.019	-1.113	-1.204	-1.327
5011	50.10	-1.509	-1.751	-2.025	-2.286	-2.487	-2.599	-2.620	-2.574	-2.498	-2.429
5021	50.20	-2.380	-2.340	-2.280	-2.165	-1.975	-1.711	-1.402	-1.090	-0.815	-0.600
5031	50.30	-0.443	-0.326	-0.210	-0.072	0.103	0.308	0.525	0.731	0.909	1.053
5041	50.40	1.165	1.251	1.314	1.353	1.365	1.347	1.305	1.254	1.206	1.172
5051	50.50	1.147	1.116	1.056	0.952	0.805	0.642	0.504	0.434	0.458	0.574
5061	50.60	0.745	0.920	1.047	1.100	1.087	1.044	1.020	1.051	1.138	1.249
5071	50.70	1.325	1.308	1.164	0.899	0.558	0.206	-0.093	-0.302	-0.420	-0.472
5081	50.80	-0.497	-0.524	-0.562	-0.594	-0.594	-0.537	-0.419	-0.257	-0.087	0.051
5091	50.90	0.120	0.103	-0.001	-0.160	-0.413	-0.677	-0.949	-1.208	-1.432	-1.607
5101	51.00	-1.731	-1.810	-1.866	-1.921	-1.992	-2.076	-2.154	-2.188	-2.146	-2.010
5111	51.10	-1.789	-1.516	-1.237	-0.987	-0.782	-0.608	-0.433	-0.226	0.027	0.311
5121	51.20	0.593	0.832	1.005	1.118	1.202	1.300	1.445	1.639	1.854	2.040
5131	51.30	2.154	2.175	2.118	2.024	1.940	1.898	1.891	1.894	1.862	1.762
5141	51.40	1.589	1.370	1.144	0.947	0.785	0.636	0.454	0.196	-0.157	-0.589
5151	51.50	-1.055	-1.503	-1.895	-2.220	-2.498	-2.762	-3.034	-3.310	-3.562	-3.749
5161	51.60	-3.841	-3.840	-3.781	-3.719	-3.700	-3.738	-3.801	-3.826	-3.738	-3.493
5171	51.70	-3.094	-2.597	-2.088	-1.646	-1.312	-1.066	-0.842	-0.550	-0.121	0.464
5181	51.80	1.163	1.887	2.535	3.035	3.366	3.566	3.710	3.879	4.127	4.455
5191	51.90	4.822	5.161	5.413	5.568	5.583	5.565	5.547	5.567	5.623	5.679
5201	52.00	5.677	5.571	5.341	5.010	4.627	4.254	3.932	3.668	3.439	3.200
5211	52.10	2.914	2.567	2.173	1.768	1.389	1.052	0.748	0.447	0.115	-0.263
5221	52.20	-0.679	-1.095	-1.469	-1.770	-1.996	-2.174	-2.346	-2.547	-2.786	-3.041
5231	52.30	-3.272	-3.434	-3.508	-3.505	-3.466	-3.441	-3.467	-3.553	-3.672	-3.777
5241	52.40	-3.822	-3.779	-3.653	-3.476	-3.290	-3.136	-3.032	-2.976	-2.945	-2.912
5251	52.50	-2.853	-2.760	-2.636	-2.493	-2.347	-2.210	-2.087	-1.980	-1.885	-1.794
5261	52.60	-1.700	-1.595	-1.470	-1.322	-1.149	-0.953	-0.744	-0.528	-0.315	-0.112
5271	52.70	0.080	0.259	0.428	0.591	0.754	0.921	1.099	1.289	1.491	1.703
5281	52.80	1.917	2.128	2.330	2.516	2.683	2.822	2.925	2.983	2.989	2.948
5291	52.90	2.873	2.784	2.703	2.640	2.591	2.533	2.440	2.288	2.075	1.818
5301	53.00	1.547	1.294	1.072	0.869	0.652	0.386	0.051	-0.341	-0.749	-1.119
5311	53.10	-1.409	-1.609	-1.748	-1.880	-2.058	-2.309	-2.615	-2.928	-3.186	-3.347
5321	53.20	-3.407	-3.402	-3.388	-3.409	-3.478	-3.568	-3.624	-3.599	-3.474	-3.273
5331	53.30	-3.048	-2.854	-2.718	-2.622	-2.509	-2.310	-1.977	-1.507	-0.946	-0.371
5341	53.40	0.146	0.558	0.864	1.097	1.301	1.508	1.721	1.922	2.086	2.198
5351	53.50	2.269	2.329	2.413	2.539	2.700	2.865	2.994	3.059	3.060	3.023
5361	53.60	2.988	2.987	3.032	3.106	3.174	3.198	3.161	3.066	2.937	2.805
5371	53.70	2.694	2.611	2.546	2.484	2.407	2.311	2.199	2.079	1.956	1.834
5381	53.80	1.710	1.582	1.451	1.323	1.205	1.095	0.989	0.873	0.737	0.581
5391	53.90	0.415	0.257	0.124	0.023	-0.059	-0.149	-0.277	-0.465	-0.713	-1.001
5401	54.00	-1.299	-1.577	-1.820	-2.033	-2.232	-2.434	-2.643	-2.848	-3.028	-3.160
5411	54.10	-3.238	-3.271	-3.287	-3.314	-3.373	-3.465	-3.571	-3.664	-3.717	-3.718
5421	54.20	-3.666	-3.573	-3.452	-3.311	-3.150	-2.963	-2.749	-2.510	-2.253	-1.991
5431	54.30	-1.732	-1.476	-1.220	-0.954	-0.674	-0.380	-0.079	0.223	0.517	0.802
5441	54.40	1.072	1.321	1.534	1.690	1.768	1.759	1.667	1.520	1.354	1.209
5451	54.50	1.112	1.070	1.069	1.080	1.073	1.028	0.939	0.818	0.686	0.566
5461	54.60	0.479	0.441	0.455	0.518	0.618	0.738	0.856	0.951	1.010	1.029
5471	54.70	1.017	0.993	0.975	0.979	1.007	1.056	1.113	1.168	1.214	1.251
5481	54.80	1.282	1.305	1.318	1.313	1.283	1.227	1.153	1.074	1.004	0.951
5491	54.90	0.910	0.871	0.823	0.757	0.676	0.590	0.511	0.443	0.379	0.306

Table 7-22-12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.210	0.087	-0.052	-0.185	-0.292	-0.365	-0.416	-0.472	-0.561	-0.700
5511	55.10	-0.873	-1.045	-1.163	-1.189	-1.112	-0.958	-0.781	-0.640	-0.572	-0.578
5521	55.20	-0.619	-0.637	-0.581	-0.425	-0.186	0.090	0.345	0.536	0.646	0.691
5531	55.30	0.708	0.731	0.777	0.839	0.891	0.903	0.857	0.753	0.614	0.473
5541	55.40	0.358	0.287	0.256	0.247	0.235	0.198	0.121	0.004	-0.149	-0.322
5551	55.50	-0.499	-0.665	-0.805	-0.912	-0.985	-1.032	-1.065	-1.099	-1.144	-1.201
5561	55.60	-1.260	-1.305	-1.318	-1.289	-1.219	-1.122	-1.018	-0.925	-0.855	-0.809
5571	55.70	-0.781	-0.759	-0.739	-0.720	-0.701	-0.684	-0.665	-0.635	-0.584	-0.510
5581	55.80	-0.417	-0.320	-0.232	-0.160	-0.100	-0.035	0.053	0.177	0.327	0.480
5591	55.90	0.600	0.661	0.659	0.617	0.577	0.585	0.665	0.809	0.978	1.113
5601	56.00	1.165	1.112	0.969	0.778	0.594	0.459	0.389	0.372	0.379	0.384
5611	56.10	0.371	0.346	0.325	0.325	0.354	0.403	0.457	0.502	0.531	0.549
5621	56.20	0.568	0.594	0.626	0.648	0.643	0.596	0.507	0.388	0.261	0.147
5631	56.30	0.056	-0.012	-0.067	-0.118	-0.171	-0.225	-0.274	-0.314	-0.348	-0.386
5641	56.40	-0.435	-0.500	-0.569	-0.626	-0.646	-0.615	-0.533	-0.414	-0.286	-0.175
5651	56.50	-0.096	-0.054	-0.039	-0.036	-0.031	-0.017	0.011	0.052	0.110	0.188
5661	56.60	0.289	0.409	0.537	0.652	0.731	0.754	0.712	0.608	0.459	0.287
5671	56.70	0.113	-0.043	-0.173	-0.271	-0.343	-0.397	-0.447	-0.504	-0.578	-0.672
5681	56.80	-0.778	-0.881	-0.966	-1.021	-1.051	-1.070	-1.102	-1.168	-1.272	-1.402
5691	56.90	-1.526	-1.608	-1.618	-1.544	-1.397	-1.206	-1.003	-0.818	-0.667	-0.553
5701	57.00	-0.472	-0.412	-0.362	-0.309	-0.238	-0.132	0.020	0.219	0.450	0.680
5711	57.10	0.872	0.994	1.039	1.025	0.992	0.985	1.030	1.128	1.244	1.330
5721	57.20	1.341	1.261	1.104	0.916	0.750	0.646	0.612	0.630	0.657	0.652
5731	57.30	0.590	0.469	0.308	0.138	-0.018	-0.144	-0.238	-0.306	-0.355	-0.390
5741	57.40	-0.417	-0.441	-0.472	-0.521	-0.595	-0.695	-0.808	-0.918	-1.008	-1.069
5751	57.50	-1.106	-1.134	-1.168	-1.213	-1.260	-1.284	-1.258	-1.164	-1.005	-0.805
5761	57.60	-0.604	-0.442	-0.341	-0.301	-0.300	-0.301	-0.269	-0.183	-0.039	0.149
5771	57.70	0.360	0.574	0.777	0.964	1.132	1.280	1.405	1.503	1.575	1.627
5781	57.80	1.673	1.732	1.814	1.920	2.038	2.143	2.207	2.212	2.153	2.042
5791	57.90	1.900	1.748	1.600	1.452	1.292	1.103	0.876	0.613	0.333	0.061
5801	58.00	-0.184	-0.391	-0.565	-0.721	-0.873	-1.023	-1.162	-1.273	-1.340	-1.363
5811	58.10	-1.360	-1.363	-1.405	-1.503	-1.647	-1.801	-1.914	-1.940	-1.858	-1.681
5821	58.20	-1.450	-1.216	-1.021	-0.879	-0.776	-0.679	-0.554	-0.386	-0.187	0.006
5831	58.30	0.150	0.210	0.176	0.067	-0.074	-0.198	-0.262	-0.243	-0.143	0.018
5841	58.40	0.210	0.398	0.559	0.680	0.766	0.824	0.878	0.944	1.034	1.145
5851	58.50	1.266	1.377	1.458	1.503	1.516	1.516	1.524	1.555	1.609	1.670
5861	58.60	1.713	1.715	1.669	1.585	1.489	1.412	1.371	1.369	1.386	1.396
5871	58.70	1.374	1.312	1.221	1.120	1.032	0.965	0.913	0.856	0.773	0.652
5881	58.80	0.496	0.322	0.151	-0.001	-0.130	-0.244	-0.357	-0.480	-0.616	-0.757
5891	58.90	-0.895	-1.023	-1.142	-1.259	-1.383	-1.519	-1.663	-1.808	-1.938	-2.056
5901	59.00	-2.164	-2.276	-2.405	-2.555	-2.718	-2.874	-3.000	-3.085	-3.127	-3.142
5911	59.10	-3.148	-3.160	-3.179	-3.190	-3.175	-3.121	-3.027	-2.914	-2.810	-2.741
5921	59.20	-2.714	-2.717	-2.719	-2.688	-2.603	-2.465	-2.295	-2.123	-1.971	-1.846
5931	59.30	-1.736	-1.616	-1.468	-1.287	-1.084	-0.879	-0.685	-0.496	-0.290	-0.032
5941	59.40	0.301	0.708	1.160	1.604	1.989	2.283	2.491	2.647	2.799	2.985
5951	59.50	3.216	3.472	3.714	3.906	4.036	4.119	4.190	4.281	4.406	4.548
5961	59.60	4.670	4.733	4.718	4.635	4.524	4.429	4.379	4.372	4.376	4.363
5971	59.70	4.234	4.042	3.788	3.519	3.279	3.093	2.952	2.822	2.662	2.439
5981	59.80	2.144	1.796	1.424	1.061	0.725	0.419	0.136	-0.134	-0.397	-0.656
5991	59.90	-0.909	-1.158	-1.410	-1.672	-1.948	-2.232	-2.513	-2.777	-3.020	-3.243

Table 7-22-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.462	-3.689	-3.928	-4.168	-4.386	-4.556	-4.665	-4.717	-4.737	-4.754
6011	60.10	-4.786	-4.832	-4.866	-4.849	-4.749	-4.554	-4.280	-3.962	-3.640	-3.340
6021	60.20	-3.065	-2.797	-2.514	-2.202	-1.866	-1.531	-1.226	-0.971	-0.768	-0.596
6031	60.30	-0.423	-0.220	0.024	0.301	0.590	0.867	1.117	1.341	1.549	1.749
6041	60.40	1.946	2.129	2.281	2.388	2.450	2.480	2.503	2.547	2.625	2.733
6051	60.50	2.848	2.937	2.970	2.935	2.835	2.690	2.529	2.375	2.240	2.127
6061	60.60	2.027	1.930	1.824	1.704	1.567	1.410	1.232	1.031	0.808	0.568
6071	60.70	0.321	0.081	-0.140	-0.335	-0.504	-0.651	-0.783	-0.903	-1.008	-1.089
6081	60.80	-1.136	-1.143	-1.115	-1.062	-1.003	-0.951	-0.911	-0.878	-0.833	-0.757
6091	60.90	-0.635	-0.467	-0.262	-0.041	0.173	0.360	0.511	0.622	0.699	0.746
6101	61.00	0.768	0.770	0.752	0.718	0.667	0.599	0.510	0.397	0.261	0.107
6111	61.10	-0.048	-0.184	-0.280	-0.329	-0.337	-0.326	-0.327	-0.364	-0.444	-0.557
6121	61.20	-0.678	-0.780	-0.851	-0.894	-0.930	-0.984	-1.067	-1.172	-1.274	-1.342
6131	61.30	-1.354	-1.311	-1.234	-1.153	-1.091	-1.051	-1.014	-0.954	-0.852	-0.712
6141	61.40	-0.565	-0.453	-0.410	-0.440	-0.508	-0.556	-0.523	-0.377	-0.128	0.172
6151	61.50	0.451	0.644	0.723	0.701	0.622	0.542	0.502	0.514	0.562	0.613
6161	61.60	0.638	0.624	0.578	0.517	0.461	0.420	0.392	0.366	0.333	0.287
6171	61.70	0.230	0.165	0.097	0.026	-0.052	-0.138	-0.232	-0.328	-0.418	-0.498
6181	61.80	-0.569	-0.633	-0.693	-0.744	-0.771	-0.756	-0.684	-0.554	-0.377	-0.185
6191	61.90	-0.007	0.131	0.223	0.282	0.332	0.398	0.494	0.616	0.748	0.867
6201	62.00	0.957	1.014	1.044	1.062	1.084	1.121	1.178	1.253	1.344	1.445
6211	62.10	1.548	1.642	1.709	1.733	1.702	1.616	1.486	1.336	1.195	1.083
6221	62.20	1.006	0.958	0.919	0.869	0.796	0.696	0.577	0.451	0.325	0.202
6231	62.30	0.078	-0.051	-0.187	-0.325	-0.457	-0.576	-0.680	-0.777	-0.878	-0.996
6241	62.40	-1.133	-1.282	-1.426	-1.545	-1.625	-1.664	-1.675	-1.677	-1.690	-1.724
6251	62.50	-1.777	-1.833	-1.872	-1.872	-1.822	-1.723	-1.585	-1.426	-1.259	-1.097
6261	62.60	-0.944	-0.795	-0.644	-0.484	-0.309	-0.117	0.091	0.307	0.526	0.737
6271	62.70	0.933	1.106	1.250	1.362	1.438	1.478	1.480	1.448	1.388	1.310
6281	62.80	1.225	1.145	1.080	1.033	1.000	0.971	0.939	0.896	0.841	0.781
6291	62.90	0.724	0.678	0.645	0.619	0.590	0.544	0.473	0.376	0.259	0.132
6301	63.00	0.008	-0.106	-0.208	-0.304	-0.399	-0.501	-0.612	-0.732	-0.856	-0.978
6311	63.10	-1.092	-1.190	-1.266	-1.310	-1.318	-1.289	-1.226	-1.143	-1.053	-0.972
6321	63.20	-0.911	-0.870	-0.842	-0.817	-0.785	-0.743	-0.693	-0.641	-0.594	-0.552
6331	63.30	-0.510	-0.455	-0.379	-0.279	-0.163	-0.046	0.055	0.128	0.173	0.201
6341	63.40	0.228	0.267	0.323	0.387	0.441	0.465	0.446	0.382	0.289	0.186
6351	63.50	0.096	0.035	0.007	0.006	0.021	0.040	0.054	0.061	0.064	0.066
6361	63.60	0.070	0.077	0.085	0.089	0.083	0.059	0.012	-0.060	-0.157	-0.268
6371	63.70	-0.379	-0.470	-0.527	-0.545	-0.534	-0.517	-0.522	-0.571	-0.670	-0.800
6381	63.80	-0.923	-0.992	-0.970	-0.841	-0.622	-0.353	-0.086	0.134	0.285	0.374
6391	63.90	0.427	0.481	0.563	0.681	0.817	0.943	1.026	1.048	1.007	0.921
6401	64.00	0.817	0.725	0.661	0.632	0.632	0.650	0.670	0.680	0.671	0.637
6411	64.10	0.576	0.488	0.383	0.273	0.175	0.105	0.069	0.066	0.081	0.097
6421	64.20	0.097	0.073	0.027	-0.031	-0.087	-0.132	-0.166	-0.194	-0.225	-0.265
6431	64.30	-0.314	-0.364	-0.406	-0.429	-0.430	-0.410	-0.373	-0.320	-0.250	-0.158
6441	64.40	-0.035	0.120	0.307	0.520	0.746	0.976	1.200	1.411	1.601	1.762
6451	64.50	1.887	1.973	2.023	2.049	2.069	2.099	2.147	2.207	2.261	2.283
6461	64.60	2.250	2.153	2.003	1.821	1.638	1.475	1.344	1.236	1.133	1.015
6471	64.70	0.863	0.672	0.440	0.175	-0.115	-0.424	-0.742	-1.057	-1.356	-1.625
6481	64.80	-1.853	-2.041	-2.195	-2.329	-2.458	-2.587	-2.714	-2.829	-2.921	-2.987
6491	64.90	-3.030	-3.061	-3.089	-3.115	-3.133	-3.128	-3.088	-3.008	-2.899	-2.780

Table 7-22-14 TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-2.671	-2.581	-2.501	-2.411	-2.285	-2.104	-1.870	-1.602	-1.331	-1.085
6511	65.10	-0.877	-0.704	-0.546	-0.380	-0.191	0.023	0.251	0.476	0.685	0.874
6521	65.20	1.046	1.208	1.361	1.504	1.630	1.734	1.824	1.912	2.016	2.148
6531	65.30	2.302	2.458	2.582	2.647	2.639	2.569	2.464	2.357	2.271	2.208
6541	65.40	2.148	2.059	1.915	1.704	1.442	1.158	0.886	0.649	0.447	0.263
6551	65.50	0.069	-0.155	-0.418	-0.707	-0.998	-1.265	-1.491	-1.672	-1.812	-1.921
6561	65.60	-2.006	-2.065	-2.095	-2.092	-2.058	-2.003	-1.942	-1.884	-1.835	-1.787
6571	65.70	-1.729	-1.650	-1.545	-1.420	-1.287	-1.158	-1.039	-0.925	-0.801	-0.653
6581	65.80	-0.475	-0.269	-0.050	0.164	0.359	0.531	0.685	0.835	0.990	1.153
6591	65.90	1.317	1.469	1.600	1.708	1.800	1.889	1.986	2.092	2.195	2.274
6601	66.00	2.308	2.286	2.212	2.103	1.986	1.881	1.800	1.739	1.687	1.631
6611	66.10	1.562	1.481	1.396	1.312	1.232	1.151	1.058	0.943	0.807	0.657
6621	66.20	0.509	0.383	0.288	0.225	0.185	0.151	0.112	0.062	0.005	-0.050
6631	66.30	-0.094	-0.124	-0.143	-0.161	-0.187	-0.225	-0.272	-0.323	-0.369	-0.405
6641	66.40	-0.432	-0.454	-0.478	-0.508	-0.544	-0.585	-0.624	-0.660	-0.691	-0.719
6651	66.50	-0.748	-0.780	-0.815	-0.851	-0.888	-0.923	-0.955	-0.987	-1.019	-1.052
6661	66.60	-1.087	-1.124	-1.162	-1.198	-1.232	-1.261	-1.280	-1.287	-1.283	-1.272
6671	66.70	-1.261	-1.260	-1.277	-1.315	-1.368	-1.426	-1.478	-1.515	-1.538	-1.554
6681	66.80	-1.575	-1.609	-1.660	-1.720	-1.775	-1.805	-1.797	-1.747	-1.659	-1.546
6691	66.90	-1.426	-1.314	-1.221	-1.151	-1.104	-1.078	-1.065	-1.058	-1.048	-1.024
6701	67.00	-0.977	-0.899	-0.789	-0.651	-0.494	-0.329	-0.168	-0.018	0.115	0.232
6711	67.10	0.336	0.429	0.517	0.602	0.686	0.772	0.860	0.949	1.037	1.123
6721	67.20	1.206	1.285	1.361	1.435	1.507	1.578	1.646	1.712	1.779	1.850
6731	67.30	1.927	2.013	2.103	2.190	2.263	2.317	2.351	2.374	2.398	2.435
6741	67.40	2.487	2.546	2.595	2.613	2.587	2.516	2.417	2.314	2.231	2.179
6751	67.50	2.154	2.136	2.100	2.026	1.910	1.764	1.611	1.475	1.368	1.287
6761	67.60	1.220	1.147	1.054	0.941	0.816	0.696	0.592	0.509	0.437	0.364
6771	67.70	0.274	0.159	0.020	-0.137	-0.303	-0.474	-0.649	-0.830	-1.018	-1.206
6781	67.80	-1.383	-1.533	-1.643	-1.708	-1.735	-1.741	-1.744	-1.761	-1.799	-1.855
6791	67.90	-1.922	-1.991	-2.055	-2.114	-2.171	-2.228	-2.284	-2.331	-2.359	-2.357
6801	68.00	-2.318	-2.241	-2.135	-2.010	-1.877	-1.745	-1.616	-1.488	-1.358	-1.220
6811	68.10	-1.074	-0.919	-0.758	-0.598	-0.443	-0.301	-0.179	-0.081	-0.008	0.044
6821	68.20	0.088	0.138	0.207	0.306	0.434	0.581	0.727	0.852	0.944	0.997
6831	68.30	1.021	1.032	1.047	1.078	1.124	1.175	1.212	1.219	1.187	1.118
6841	68.40	1.024	0.919	0.817	0.723	0.635	0.544	0.443	0.327	0.199	0.068
6851	68.50	-0.054	-0.160	-0.248	-0.320	-0.383	-0.443	-0.503	-0.564	-0.621	-0.673
6861	68.60	-0.720	-0.767	-0.820	-0.883	-0.956	-1.029	-1.087	-1.114	-1.096	-1.033
6871	68.70	-0.934	-0.821	-0.720	-0.653	-0.628	-0.637	-0.658	-0.659	-0.613	-0.504
6881	68.80	-0.338	-0.137	0.066	0.238	0.357	0.417	0.430	0.417	0.397	0.383
6891	68.90	0.378	0.375	0.366	0.344	0.313	0.278	0.245	0.216	0.190	0.156
6901	69.00	0.108	0.044	-0.031	-0.105	-0.167	-0.212	-0.243	-0.270	-0.305	-0.354
6911	69.10	-0.413	-0.472	-0.519	-0.548	-0.567	-0.590	-0.637	-0.716	-0.820	-0.922
6921	69.20	-0.987	-0.984	-0.897	-0.735	-0.531	-0.325	-0.155	-0.037	0.030	0.070
6931	69.30	0.109	0.169	0.255	0.359	0.462	0.549	0.611	0.653	0.686	0.721
6941	69.40	0.766	0.818	0.867	0.902	0.917	0.911	0.890	0.862	0.834	0.809
6951	69.50	0.783	0.754	0.717	0.674	0.628	0.583	0.543	0.508	0.474	0.441
6961	69.60	0.404	0.365	0.324	0.283	0.240	0.195	0.143	0.084	0.018	-0.051
6971	69.70	-0.117	-0.176	-0.223	-0.256	-0.277	-0.285	-0.283	-0.274	-0.266	-0.268
6981	69.80	-0.288	-0.332	-0.396	-0.465	-0.517	-0.530	-0.490	-0.398	-0.278	-0.162
6991	69.90	-0.084	-0.065	-0.101	-0.165	-0.217	-0.218	-0.146	-0.004	0.184	0.386

Table 7-22-15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	0.574	0.738	0.888	1.044	1.225	1.435	1.661	1.875	2.050	2.167
7011	70.10	2.231	2.258	2.276	2.304	2.346	2.388	2.409	2.389	2.323	2.220
7021	70.20	2.101	1.987	1.890	1.803	1.711	1.594	1.443	1.261	1.068	0.888
7031	70.30	0.739	0.626	0.536	0.449	0.342	0.206	0.045	-0.122	-0.277	-0.406
7041	70.40	-0.508	-0.596	-0.691	-0.808	-0.950	-1.109	-1.263	-1.390	-1.475	-1.518
7051	70.50	-1.532	-1.538	-1.558	-1.602	-1.667	-1.740	-1.801	-1.832	-1.825	-1.783
7061	70.60	-1.720	-1.652	-1.595	-1.558	-1.540	-1.535	-1.534	-1.526	-1.508	-1.479
7071	70.70	-1.442	-1.401	-1.361	-1.322	-1.284	-1.247	-1.209	-1.171	-1.134	-1.097
7081	70.80	-1.063	-1.029	-0.995	-0.961	-0.925	-0.888	-0.851	-0.814	-0.777	-0.741
7091	70.90	-0.707	-0.672	-0.638	-0.603	-0.568	-0.531	-0.493	-0.453	-0.414	-0.375
7101	71.00	-0.338	-0.300	-0.262	-0.222	-0.179	-0.135	-0.095	-0.064	-0.043	-0.033
7111	71.10	-0.030	-0.028	-0.020	-0.004	0.019	0.044	0.064	0.076	0.084	0.094
7121	71.20	0.116	0.155	0.213	0.282	0.351	0.409	0.454	0.488	0.521	0.563
7131	71.30	0.617	0.679	0.735	0.769	0.770	0.736	0.677	0.612	0.561	0.536
7141	71.40	0.537	0.553	0.566	0.558	0.519	0.449	0.357	0.257	0.164	0.083
7151	71.50	0.016	-0.043	-0.102	-0.165	-0.236	-0.305	-0.373	-0.432	-0.481	-0.523
7161	71.60	-0.564	-0.613	-0.672	-0.738	-0.802	-0.847	-0.859	-0.830	-0.766	-0.682
7171	71.70	-0.601	-0.547	-0.527	-0.532	-0.537	-0.507	-0.410	-0.229	0.027	0.331
7181	71.80	0.644	0.928	1.161	1.340	1.478	1.601	1.728	1.871	2.029	2.190
7191	71.90	2.341	2.473	2.582	2.671	2.744	2.801	2.839	2.851	2.832	2.784
7201	72.00	2.714	2.632	2.547	2.459	2.361	2.236	2.070	1.852	1.587	1.291
7211	72.10	0.992	0.717	0.483	0.294	0.138	-0.009	-0.174	-0.371	-0.601	-0.848
7221	72.20	-1.081	-1.272	-1.403	-1.472	-1.500	-1.514	-1.545	-1.605	-1.691	-1.779
7231	72.30	-1.840	-1.853	-1.816	-1.751	-1.696	-1.689	-1.756	-1.894	-2.079	-2.269
7241	72.40	-2.423	-2.518	-2.551	-2.538	-2.502	-2.463	-2.424	-2.378	-2.307	-2.200
7251	72.50	-2.057	-1.892	-1.726	-1.579	-1.462	-1.371	-1.293	-1.210	-1.110	-0.990
7261	72.60	-0.856	-0.718	-0.585	-0.458	-0.336	-0.211	-0.079	0.061	0.207	0.354
7271	72.70	0.495	0.623	0.735	0.825	0.892	0.935	0.958	0.972	0.991	1.029
7281	72.80	1.094	1.182	1.278	1.358	1.399	1.389	1.328	1.235	1.135	1.054
7291	72.90	1.005	0.989	0.993	0.997	0.984	0.949	0.896	0.841	0.803	0.794
7301	73.00	0.818	0.870	0.936	0.999	1.048	1.077	1.090	1.095	1.102	1.121
7311	73.10	1.152	1.192	1.230	1.257	1.264	1.248	1.211	1.161	1.105	1.050
7321	73.20	0.999	0.949	0.901	0.854	0.809	0.768	0.732	0.699	0.665	0.623
7331	73.30	0.573	0.518	0.465	0.423	0.395	0.375	0.369	0.300	0.219	0.111
7341	73.40	-0.001	-0.084	-0.105	-0.047	0.082	0.269	0.409	0.519	0.556	0.528
7351	73.50	0.462	0.400	0.375	0.398	0.457	0.520	0.552	0.526	0.437	0.297
7361	73.60	0.131	-0.032	-0.175	-0.292	-0.388	-0.478	-0.572	-0.679	-0.802	-0.936
7371	73.70	-1.077	-1.218	-1.356	-1.486	-1.612	-1.734	-1.857	-1.986	-2.114	-2.243
7381	73.80	-2.367	-2.478	-2.575	-2.663	-2.751	-2.848	-2.960	-3.079	-3.188	-3.266
7391	73.90	-3.287	-3.248	-3.157	-3.037	-2.914	-2.807	-2.718	-2.635	-2.533	-2.391
7401	74.00	-2.202	-1.977	-1.741	-1.520	-1.330	-1.170	-1.027	-0.879	-0.714	-0.533
7411	74.10	-0.352	-0.191	-0.069	0.013	0.068	0.119	0.187	0.283	0.403	0.531
7421	74.20	0.652	0.758	0.850	0.939	1.038	1.150	1.270	1.386	1.485	1.562
7431	74.30	1.624	1.685	1.761	1.854	1.957	2.048	2.105	2.114	2.075	2.005
7441	74.40	1.929	1.869	1.837	1.827	1.822	1.805	1.764	1.699	1.624	1.556
7451	74.50	1.506	1.478	1.463	1.446	1.416	1.366	1.303	1.237	1.182	1.144
7461	74.60	1.121	1.102	1.074	1.027	0.955	0.859	0.746	0.624	0.499	0.377
7471	74.70	0.264	0.164	0.085	0.032	0.005	-0.002	-0.003	-0.012	-0.042	-0.096
7481	74.80	-0.168	-0.240	-0.295	-0.322	-0.319	-0.299	-0.277	-0.269	-0.281	-0.305
7491	74.90	-0.330	-0.341	-0.335	-0.318	-0.310	-0.331	-0.392	-0.492	-0.611	-0.724

Table 7-22-16 TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.809	-0.854	-0.870	-0.875	-0.890	-0.926	-0.976	-1.018	-1.025	-0.978
7511	75.10	-0.876	-0.736	-0.590	-0.466	-0.381	-0.330	-0.292	-0.241	-0.158	-0.040
7521	75.20	0.100	0.241	0.363	0.460	0.538	0.616	0.708	0.819	0.940	1.051
7531	75.30	1.133	1.177	1.189	1.192	1.211	1.262	1.348	1.451	1.541	1.592
7541	75.40	1.585	1.522	1.420	1.305	1.199	1.113	1.047	0.988	0.924	0.844
7551	75.50	0.747	0.641	0.536	0.439	0.353	0.275	0.199	0.119	0.032	-0.060
7561	75.60	-0.152	-0.236	-0.309	-0.369	-0.420	-0.466	-0.515	-0.570	-0.635	-0.709
7571	75.70	-0.789	-0.868	-0.940	-0.999	-1.039	-1.061	-1.067	-1.061	-1.053	-1.047
7581	75.80	-1.049	-1.060	-1.080	-1.107	-1.135	-1.162	-1.183	-1.193	-1.189	-1.168
7591	75.90	-1.130	-1.078	-1.018	-0.959	-0.912	-0.881	-0.870	-0.877	-0.893	-0.913
7601	76.00	-0.929	-0.937	-0.939	-0.937	-0.935	-0.936	-0.938	-0.940	-0.936	-0.924
7611	76.10	-0.901	-0.869	-0.831	-0.793	-0.760	-0.736	-0.723	-0.719	-0.721	-0.724
7621	76.20	-0.725	-0.724	-0.722	-0.723	-0.728	-0.736	-0.744	-0.742	-0.721	-0.676
7631	76.30	-0.607	-0.521	-0.430	-0.347	-0.283	-0.237	-0.203	-0.165	-0.108	-0.023
7641	76.40	0.093	0.230	0.373	0.505	0.614	0.696	0.755	0.798	0.833	0.864
7651	76.50	0.892	0.912	0.921	0.915	0.898	0.874	0.849	0.826	0.802	0.771
7661	76.60	0.725	0.658	0.570	0.468	0.361	0.263	0.185	0.130	0.097	0.080
7671	76.70	0.070	0.059	0.042	0.020	-0.004	-0.026	-0.039	-0.042	-0.035	-0.018
7681	76.80	0.005	0.031	0.060	0.092	0.129	0.172	0.221	0.275	0.328	0.376
7691	76.90	0.414	0.439	0.453	0.459	0.464	0.471	0.485	0.503	0.525	0.545
7701	77.00	0.563	0.578	0.593	0.613	0.640	0.672	0.706	0.738	0.763	0.782
7711	77.10	0.798	0.817	0.843	0.875	0.910	0.940	0.962	0.975	0.988	1.009
7721	77.20	1.047	1.102	1.163	1.210	1.221	1.182	1.093	0.970	0.842	0.740
7731	77.30	0.681	0.669	0.686	0.706	0.704	0.663	0.587	0.492	0.398	0.324
7741	77.40	0.275	0.243	0.213	0.170	0.108	0.029	-0.057	-0.137	-0.205	-0.264
7751	77.50	-0.320	-0.381	-0.451	-0.527	-0.600	-0.659	-0.704	-0.738	-0.775	-0.826
7761	77.60	-0.899	-0.966	-1.073	-1.136	-1.158	-1.130	-1.061	-0.967	-0.872	-0.794
7771	77.70	-0.743	-0.715	-0.699	-0.683	-0.656	-0.615	-0.564	-0.510	-0.459	-0.413
7781	77.80	-0.373	-0.334	-0.294	-0.250	-0.204	-0.156	-0.108	-0.062	-0.018	0.023
7791	77.90	0.058	0.085	0.103	0.110	0.112	0.115	0.124	0.144	0.173	0.206
7801	78.00	0.234	0.249	0.249	0.238	0.223	0.214	0.215	0.225	0.236	0.240
7811	78.10	0.228	0.198	0.156	0.112	0.077	0.057	0.049	0.045	0.034	0.009
7821	78.20	-0.034	-0.089	-0.147	-0.198	-0.240	-0.272	-0.303	-0.337	-0.379	-0.427
7831	78.30	-0.474	-0.516	-0.551	-0.580	-0.610	-0.647	-0.690	-0.737	-0.781	-0.818
7841	78.40	-0.865	-0.868	-0.894	-0.931	-0.980	-1.036	-1.087	-1.126	-1.147	-1.159
7851	78.50	-1.172	-1.201	-1.250	-1.311	-1.364	-1.382	-1.342	-1.236	-1.070	-0.868
7861	78.60	-0.659	-0.469	-0.312	-0.189	-0.089	0.005	0.106	0.222	0.355	0.498
7871	78.70	0.646	0.789	0.920	1.033	1.123	1.187	1.227	1.247	1.254	1.257
7881	78.80	1.262	1.267	1.270	1.265	1.246	1.213	1.170	1.122	1.077	1.034
7891	78.90	0.992	0.946	0.893	0.833	0.773	0.718	0.669	0.624	0.573	0.504
7901	79.00	0.410	0.293	0.165	0.045	-0.049	-0.105	-0.125	-0.122	-0.112	-0.114
7911	79.10	-0.137	-0.184	-0.247	-0.319	-0.393	-0.465	-0.530	-0.585	-0.624	-0.638
7921	79.20	-0.621	-0.572	-0.499	-0.416	-0.338	-0.279	-0.241	-0.221	-0.206	-0.184
7931	79.30	-0.148	-0.100	-0.044	0.008	0.050	0.081	0.106	0.133	0.167	0.210
7941	79.40	0.257	0.303	0.339	0.365	0.382	0.399	0.422	0.457	0.502	0.550
7951	79.50	0.594	0.625	0.640	0.643	0.640	0.640	0.648	0.665	0.684	0.698
7961	79.60	0.696	0.675	0.635	0.582	0.528	0.480	0.445	0.422	0.405	0.387
7971	79.70	0.362	0.328	0.285	0.240	0.196	0.156	0.119	0.083	0.046	0.006
7981	79.80	-0.035	-0.074	-0.109	-0.141	-0.170	-0.202	-0.237	-0.276	-0.317	-0.353
7991	79.90	-0.383	-0.407	-0.430	-0.461	-0.508	-0.575	-0.658	-0.749	-0.834	-0.899

Table 7-22-17 TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-0.936	-0.944	-0.929	-0.905	-0.887	-0.887	-0.909	-0.950	-0.998	-1.038
8011	80.10	-1.057	-1.044	-1.001	-0.935	-0.861	-0.793	-0.738	-0.698	-0.666	-0.630
8021	80.20	-0.583	-0.521	-0.451	-0.381	-0.317	-0.261	-0.204	-0.131	-0.033	0.096
8031	80.30	0.240	0.386	0.511	0.601	0.657	0.693	0.728	0.781	0.856	0.935
8041	80.40	1.002	1.032	1.016	0.960	0.885	0.816	0.773	0.760	0.762	0.757
8051	80.50	0.723	0.647	0.534	0.399	0.262	0.138	0.034	-0.052	-0.128	-0.200
8061	80.60	-0.270	-0.342	-0.417	-0.501	-0.604	-0.732	-0.885	-1.050	-1.205	-1.322
8071	80.70	-1.384	-1.385	-1.344	-1.288	-1.248	-1.246	-1.282	-1.340	-1.391	-1.406
8081	80.80	-1.369	-1.282	-1.159	-1.025	-0.901	-0.798	-0.717	-0.650	-0.587	-0.518
8091	80.90	-0.440	-0.355	-0.266	-0.176	-0.087	0.001	0.089	0.175	0.260	0.343
8101	81.00	0.425	0.509	0.594	0.681	0.768	0.850	0.926	0.994	1.058	1.122
8111	81.10	1.189	1.250	1.324	1.374	1.399	1.392	1.354	1.296	1.232	1.177
8121	81.20	1.139	1.118	1.106	1.094	1.072	1.038	0.996	0.952	0.914	0.886
8131	81.30	0.866	0.847	0.825	0.795	0.759	0.722	0.687	0.658	0.634	0.612
8141	81.40	0.587	0.558	0.524	0.488	0.456	0.425	0.401	0.378	0.354	0.329
8151	81.50	0.301	0.274	0.249	0.227	0.206	0.183	0.157	0.129	0.099	0.072
8161	81.60	0.048	0.027	0.004	-0.026	-0.064	-0.112	-0.162	-0.210	-0.249	-0.279
8171	81.70	-0.304	-0.331	-0.365	-0.409	-0.457	-0.504	-0.544	-0.573	-0.594	-0.613
8181	81.80	-0.636	-0.665	-0.698	-0.728	-0.751	-0.767	-0.780	-0.798	-0.827	-0.866
8191	81.90	-0.909	-0.947	-0.970	-0.982	-0.992	-1.018	-1.073	-1.158	-1.259	-1.347
8201	82.00	-1.390	-1.365	-1.268	-1.113	-0.932	-0.759	-0.618	-0.517	-0.451	-0.402
8211	82.10	-0.354	-0.297	-0.229	-0.154	-0.077	0.003	0.091	0.191	0.307	0.440
8221	82.20	0.583	0.730	0.876	1.021	1.164	1.305	1.437	1.550	1.631	1.673
8231	82.30	1.678	1.661	1.640	1.634	1.651	1.688	1.729	1.759	1.769	1.759
8241	82.40	1.738	1.718	1.705	1.691	1.659	1.591	1.477	1.320	1.139	0.962
8251	82.50	0.814	0.706	0.635	0.582	0.527	0.453	0.358	0.251	0.146	0.053
8261	82.60	-0.025	-0.095	-0.167	-0.252	-0.351	-0.458	-0.562	-0.654	-0.731	-0.799
8271	82.70	-0.869	-0.954	-1.058	-1.181	-1.317	-1.454	-1.563	-1.698	-1.796	-1.876
8281	82.80	-1.941	-1.991	-2.032	-2.069	-2.112	-2.168	-2.242	-2.330	-2.420	-2.495
8291	82.90	-2.539	-2.542	-2.506	-2.439	-2.360	-2.283	-2.216	-2.155	-2.091	-2.009
8301	83.00	-1.902	-1.769	-1.620	-1.469	-1.331	-1.212	-1.111	-1.020	-0.924	-0.815
8311	83.10	-0.689	-0.551	-0.408	-0.274	-0.156	-0.056	0.031	0.110	0.189	0.271
8321	83.20	0.356	0.437	0.508	0.565	0.604	0.630	0.647	0.659	0.668	0.671
8331	83.30	0.661	0.633	0.584	0.520	0.451	0.394	0.364	0.368	0.406	0.469
8341	83.40	0.542	0.610	0.664	0.702	0.729	0.754	0.782	0.816	0.852	0.883
8351	83.50	0.906	0.918	0.924	0.931	0.944	0.967	0.998	1.031	1.061	1.086
8361	83.60	1.108	1.131	1.159	1.193	1.229	1.261	1.286	1.306	1.328	1.366
8371	83.70	1.428	1.516	1.621	1.726	1.810	1.856	1.860	1.827	1.772	1.709
8381	83.80	1.645	1.581	1.506	1.411	1.292	1.152	1.004	0.864	0.740	0.635
8391	83.90	0.541	0.444	0.335	0.216	0.096	-0.008	-0.081	-0.120	-0.131	-0.133
8401	84.00	-0.145	-0.182	-0.243	-0.320	-0.394	-0.452	-0.490	-0.515	-0.545	-0.595
8411	84.10	-0.674	-0.775	-0.880	-0.967	-1.020	-1.034	-1.022	-1.003	-1.003	-1.035
8421	84.20	-1.099	-1.179	-1.250	-1.288	-1.278	-1.218	-1.123	-1.013	-0.908	-0.821
8431	84.30	-0.756	-0.706	-0.661	-0.611	-0.552	-0.483	-0.411	-0.340	-0.272	-0.208
8441	84.40	-0.147	-0.087	-0.031	0.018	0.058	0.087	0.108	0.130	0.159	0.200
8451	84.50	0.254	0.311	0.362	0.397	0.412	0.413	0.409	0.413	0.432	0.463
8461	84.60	0.499	0.526	0.534	0.520	0.488	0.452	0.423	0.407	0.402	0.397
8471	84.70	0.376	0.331	0.258	0.165	0.064	-0.029	-0.106	-0.164	-0.208	-0.245
8481	84.80	-0.282	-0.321	-0.359	-0.394	-0.423	-0.449	-0.476	-0.511	-0.554	-0.604
8491	84.90	-0.655	-0.700	-0.734	-0.756	-0.771	-0.784	-0.800	-0.818	-0.837	-0.853

Table 7-22-18 TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-0.866	-0.883	-0.912	-0.961	-1.032	-1.118	-1.200	-1.257	-1.269	-1.228
8511	85.10	-1.143	-1.033	-0.925	-0.839	-0.786	-0.760	-0.743	-0.714	-0.660	-0.576
8521	85.20	-0.468	-0.352	-0.240	-0.140	-0.052	0.028	0.104	0.174	0.232	0.272
8531	85.30	0.290	0.293	0.294	0.311	0.361	0.446	0.559	0.680	0.790	0.877
8541	85.40	0.942	0.998	1.059	1.140	1.239	1.344	1.438	1.503	1.536	1.544
8551	85.50	1.546	1.561	1.600	1.660	1.724	1.772	1.789	1.771	1.727	1.674
8561	85.60	1.629	1.600	1.585	1.573	1.552	1.514	1.460	1.398	1.336	1.283
8571	85.70	1.237	1.193	1.140	1.074	0.991	0.896	0.798	0.703	0.618	0.541
8581	85.80	0.469	0.396	0.318	0.231	0.133	0.024	-0.094	-0.213	-0.329	-0.434
8591	85.90	-0.524	-0.605	-0.685	-0.781	-0.906	-1.066	-1.251	-1.443	-1.612	-1.734
8601	86.00	-1.795	-1.797	-1.758	-1.703	-1.652	-1.614	-1.587	-1.559	-1.515	-1.452
8611	86.10	-1.374	-1.295	-1.228	-1.182	-1.154	-1.133	-1.109	-1.071	-1.020	-0.964
8621	86.20	-0.913	-0.875	-0.849	-0.827	-0.799	-0.758	-0.707	-0.653	-0.605	-0.570
8631	86.30	-0.547	-0.528	-0.499	-0.453	-0.389	-0.314	-0.238	-0.172	-0.118	-0.071
8641	86.40	-0.023	0.034	0.097	0.161	0.216	0.254	0.280	0.303	0.340	0.400
8651	86.50	0.480	0.564	0.625	0.638	0.589	0.485	0.348	0.210	0.102	0.040
8661	86.60	0.023	0.034	0.052	0.057	0.041	0.009	-0.032	-0.069	-0.097	-0.117
8671	86.70	-0.134	-0.154	-0.180	-0.209	-0.237	-0.262	-0.285	-0.310	-0.342	-0.384
8681	86.80	-0.431	-0.480	-0.522	-0.555	-0.582	-0.612	-0.652	-0.705	-0.762	-0.807
8691	86.90	-0.819	-0.783	-0.698	-0.576	-0.442	-0.325	-0.244	-0.201	-0.182	-0.160
8701	87.00	-0.109	-0.010	0.135	0.311	0.487	0.637	0.741	0.795	0.808	0.796
8711	87.10	0.778	0.764	0.756	0.750	0.739	0.717	0.684	0.646	0.608	0.578
8721	87.20	0.556	0.541	0.527	0.511	0.490	0.465	0.439	0.415	0.394	0.375
8731	87.30	0.357	0.337	0.315	0.291	0.268	0.247	0.227	0.208	0.189	0.168
8741	87.40	0.146	0.123	0.101	0.078	0.052	0.019	-0.026	-0.081	-0.142	-0.197
8751	87.50	-0.235	-0.245	-0.224	-0.175	-0.110	-0.042	0.016	0.057	0.081	0.094
8761	87.60	0.104	0.116	0.132	0.151	0.169	0.184	0.194	0.203	0.214	0.231
8771	87.70	0.254	0.278	0.301	0.319	0.332	0.344	0.359	0.379	0.405	0.432
8781	87.80	0.456	0.471	0.479	0.482	0.486	0.499	0.521	0.550	0.577	0.592
8791	87.90	0.585	0.554	0.501	0.436	0.367	0.304	0.252	0.212	0.183	0.164
8801	88.00	0.149	0.139	0.131	0.124	0.115	0.104	0.089	0.071	0.052	0.033
8811	88.10	0.017	0.003	-0.010	-0.023	-0.037	-0.052	-0.068	-0.082	-0.095	-0.108
8821	88.20	-0.120	-0.134	-0.150	-0.166	-0.181	-0.195	-0.208	-0.223	-0.242	-0.267
8831	88.30	-0.296	-0.326	-0.352	-0.371	-0.384	-0.395	-0.409	-0.431	-0.460	-0.492
8841	88.40	-0.520	-0.539	-0.547	-0.551	-0.559	-0.562	-0.622	-0.675	-0.724	-0.751
8851	88.50	-0.737	-0.677	-0.576	-0.450	-0.319	-0.202	-0.107	-0.035	0.022	0.074
8861	88.60	0.126	0.179	0.230	0.273	0.306	0.334	0.362	0.398	0.446	0.505
8871	88.70	0.566	0.620	0.657	0.675	0.677	0.671	0.666	0.671	0.689	0.716
8881	88.80	0.747	0.774	0.791	0.795	0.785	0.766	0.739	0.715	0.696	0.685
8891	88.90	0.679	0.674	0.664	0.642	0.607	0.560	0.507	0.455	0.414	0.385
8901	89.00	0.367	0.353	0.334	0.300	0.247	0.178	0.098	0.016	-0.063	-0.134
8911	89.10	-0.199	-0.262	-0.328	-0.403	-0.491	-0.595	-0.714	-0.846	-0.983	-1.117
8921	89.20	-1.235	-1.329	-1.393	-1.428	-1.441	-1.447	-1.455	-1.474	-1.498	-1.519
8931	89.30	-1.522	-1.498	-1.447	-1.380	-1.314	-1.268	-1.250	-1.255	-1.267	-1.263
8941	89.40	-1.222	-1.137	-1.017	-0.879	-0.747	-0.635	-0.549	-0.481	-0.416	-0.340
8951	89.50	-0.249	-0.167	-0.045	0.065	0.121	0.187	0.254	0.333	0.429	0.537
8961	89.60	0.644	0.733	0.793	0.824	0.834	0.838	0.848	0.873	0.909	0.949
8971	89.70	0.985	1.013	1.034	1.056	1.085	1.123	1.163	1.195	1.206	1.189
8981	89.80	1.147	1.089	1.030	0.984	0.955	0.940	0.928	0.903	0.855	0.780
8991	89.90	0.685	0.581	0.482	0.400	0.337	0.291	0.252	0.205	0.140	0.050

Table 7-22-19 TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	-0.067	-0.202	-0.344	-0.479	-0.601	-0.705	-0.801	-0.899	-1.013	-1.151
9011	90.10	-1.309	-1.475	-1.625	-1.737	-1.796	-1.800	-1.766	-1.719	-1.688	-1.693
9021	90.20	-1.738	-1.813	-1.891	-1.945	-1.955	-1.916	-1.838	-1.746	-1.665	-1.611
9031	90.30	-1.590	-1.589	-1.588	-1.564	-1.501	-1.395	-1.257	-1.102	-0.950	-0.814
9041	90.40	-0.698	-0.599	-0.510	-0.422	-0.332	-0.239	-0.146	-0.054	0.036	0.126
9051	90.50	0.219	0.318	0.420	0.522	0.620	0.710	0.793	0.873	0.955	1.041
9061	90.60	1.131	1.222	1.306	1.382	1.447	1.505	1.559	1.612	1.662	1.702
9071	90.70	1.724	1.721	1.695	1.652	1.606	1.568	1.546	1.539	1.539	1.534
9081	90.80	1.513	1.474	1.419	1.360	1.306	1.263	1.233	1.209	1.186	1.156
9091	90.90	1.119	1.077	1.037	1.003	0.975	0.952	0.928	0.899	0.864	0.824
9101	91.00	0.785	0.751	0.724	0.705	0.690	0.677	0.663	0.647	0.630	0.611
9111	91.10	0.589	0.558	0.513	0.450	0.369	0.275	0.180	0.096	0.036	0.005
9121	91.20	0.002	0.021	0.048	0.072	0.083	0.081	0.069	0.053	0.042	0.037
9131	91.30	0.038	0.039	0.033	0.016	-0.012	-0.047	-0.082	-0.112	-0.133	-0.148
9141	91.40	-0.161	-0.177	-0.199	-0.227	-0.254	-0.277	-0.294	-0.306	-0.320	-0.342
9151	91.50	-0.377	-0.423	-0.475	-0.524	-0.564	-0.593	-0.618	-0.646	-0.684	-0.732
9161	91.60	-0.784	-0.827	-0.847	-0.836	-0.796	-0.737	-0.677	-0.628	-0.599	-0.587
9171	91.70	-0.586	-0.578	-0.564	-0.539	-0.509	-0.477	-0.444	-0.405	-0.349	-0.268
9181	91.80	-0.164	-0.046	0.061	0.135	0.158	0.125	0.049	-0.047	-0.135	-0.198
9191	91.90	-0.231	-0.242	-0.249	-0.267	-0.302	-0.353	-0.412	-0.468	-0.518	-0.563
9201	92.00	-0.612	-0.671	-0.743	-0.822	-0.894	-0.946	-0.964	-0.943	-0.883	-0.789
9211	92.10	-0.668	-0.525	-0.365	-0.194	-0.019	0.153	0.315	0.463	0.597	0.721
9221	92.20	0.835	0.935	1.009	1.044	1.027	0.956	0.844	0.716	0.600	0.519
9231	92.30	0.481	0.474	0.476	0.462	0.417	0.343	0.254	0.172	0.112	0.077
9241	92.40	0.054	0.024	-0.028	-0.106	-0.201	-0.293	-0.367	-0.419	-0.459	-0.509
9251	92.50	-0.592	-0.716	-0.871	-1.031	-1.167	-1.253	-1.285	-1.274	-1.247	-1.228
9261	92.60	-1.229	-1.247	-1.262	-1.254	-1.210	-1.130	-1.033	-0.942	-0.877	-0.845
9271	92.70	-0.841	-0.847	-0.844	-0.821	-0.778	-0.725	-0.677	-0.642	-0.623	-0.614
9281	92.80	-0.601	-0.575	-0.529	-0.467	-0.396	-0.325	-0.260	-0.202	-0.151	-0.100
9291	92.90	-0.048	0.007	0.064	0.122	0.179	0.234	0.286	0.333	0.374	0.407
9301	93.00	0.433	0.454	0.474	0.498	0.531	0.572	0.618	0.662	0.698	0.724
9311	93.10	0.741	0.757	0.779	0.810	0.849	0.888	0.918	0.929	0.916	0.882
9321	93.20	0.836	0.788	0.749	0.722	0.707	0.699	0.689	0.675	0.655	0.630
9331	93.30	0.606	0.585	0.569	0.555	0.542	0.526	0.507	0.485	0.462	0.443
9341	93.40	0.427	0.416	0.407	0.397	0.385	0.370	0.353	0.335	0.318	0.303
9351	93.50	0.290	0.277	0.265	0.252	0.240	0.230	0.222	0.217	0.214	0.211
9361	93.60	0.205	0.196	0.183	0.169	0.156	0.146	0.142	0.139	0.136	0.129
9371	93.70	0.116	0.099	0.083	0.071	0.068	0.072	0.075	0.070	0.050	0.010
9381	93.80	-0.045	-0.107	-0.165	-0.212	-0.247	-0.276	-0.308	-0.350	-0.402	-0.457
9391	93.90	-0.502	-0.524	-0.515	-0.477	-0.422	-0.363	-0.316	-0.288	-0.277	-0.275
9401	94.00	-0.270	-0.257	-0.233	-0.203	-0.175	-0.154	-0.140	-0.129	-0.117	-0.098
9411	94.10	-0.074	-0.047	-0.024	-0.007	0.004	0.015	0.033	0.064	0.109	0.160
9421	94.20	0.211	0.254	0.285	0.308	0.331	0.361	0.404	0.454	0.505	0.542
9431	94.30	0.557	0.545	0.510	0.462	0.412	0.372	0.345	0.331	0.324	0.318
9441	94.40	0.307	0.289	0.267	0.241	0.217	0.196	0.179	0.167	0.158	0.154
9451	94.50	0.153	0.155	0.158	0.163	0.166	0.167	0.165	0.161	0.156	0.151
9461	94.60	0.144	0.135	0.123	0.106	0.087	0.065	0.045	0.028	0.016	0.007
9471	94.70	-0.001	-0.011	-0.024	-0.040	-0.059	-0.078	-0.097	-0.117	-0.137	-0.160
9481	94.80	-0.185	-0.212	-0.237	-0.260	-0.279	-0.295	-0.311	-0.330	-0.353	-0.379
9491	94.90	-0.406	-0.430	-0.449	-0.464	-0.478	-0.497	-0.523	-0.557	-0.594	-0.629

Table 7-22-20 TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 2033 902-GR-1-79 HA. (HA.) NISHIARAI BRIDGE MAX. ACC. = -165.033 (GAL) T= 11.53 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	-0.658	-0.677	-0.691	-0.708	-0.733	-0.770	-0.816	-0.860	-0.888	-0.887
9511	95.10	-0.853	-0.787	-0.702	-0.614	-0.538	-0.480	-0.440	-0.412	-0.384	-0.349
9521	95.20	-0.303	-0.250	-0.197	-0.152	-0.118	-0.091	-0.066	-0.036	0.004	0.053
9531	95.30	0.104	0.149	0.180	0.199	0.209	0.220	0.242	0.277	0.323	0.369
9541	95.40	0.404	0.417	0.406	0.377	0.338	0.304	0.280	0.270	0.269	0.268
9551	95.50	0.263	0.249	0.229	0.206	0.184	0.164	0.145	0.124	0.100	0.074
9561	95.60	0.049	0.029	0.014	0.003	-0.010	-0.029	-0.055	-0.085	-0.114	-0.135
9571	95.70	-0.148	-0.156	-0.166	-0.184	-0.212	-0.245	-0.273	-0.290	-0.294	-0.290
9581	95.80	-0.290	-0.304	-0.335	-0.376	-0.413	-0.433	-0.432	-0.418	-0.409	-0.423
9591	95.90	-0.464	-0.515	-0.545	-0.514	-0.396	-0.193	0.062	0.313	0.499	0.580

Table 7-23-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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	-2.302	-1.622	-0.702	0.666	1.755	2.129	1.644	0.527	-0.710	-1.479
11	0.10	-1.357	-0.265	1.504	3.408	4.873	5.499	5.184	4.117	2.661	1.189
21	0.20	-0.040	-0.938	-1.559	-2.018	-2.417	-2.798	-3.155	-3.455	-3.677	-3.808
31	0.30	-3.836	-3.721	-3.395	-2.778	-1.825	-0.555	0.931	2.482	3.939	5.178
41	0.40	6.130	6.762	7.040	6.899	6.251	5.028	3.248	1.062	-1.247	-3.330
51	0.50	-4.883	-5.749	-5.974	-5.776	-5.441	-5.195	-5.099	-5.029	-4.741	-3.998
61	0.60	-2.694	-0.922	1.046	2.861	4.222	4.980	5.158	4.906	4.400	3.754
71	0.70	2.983	2.035	0.863	-0.496	-1.890	-3.097	-3.898	-4.178	-3.963	-3.407
81	0.80	-2.708	-2.015	-1.368	-0.702	0.087	1.055	2.140	3.169	3.917	4.207
91	0.90	3.990	3.359	2.496	1.589	0.743	-0.038	-0.810	-1.608	-2.379	-2.973
101	1.00	-3.209	-2.975	-2.322	-1.471	-0.739	-0.393	-0.516	-0.947	-1.341	-1.316
111	1.10	-0.632	0.689	2.365	3.969	5.106	5.569	5.392	4.792	4.027	3.258
121	1.20	2.479	1.554	0.331	-1.232	-2.994	-4.658	-5.885	-6.426	-6.218	-5.388
131	1.30	-4.178	-2.835	-1.519	-0.284	0.874	1.939	2.822	3.367	3.417	2.908
141	1.40	1.928	0.715	-0.421	-1.219	-1.556	-1.489	-1.210	-0.948	-0.867	-1.004
151	1.50	-1.269	-1.505	-1.561	-1.352	-0.884	-0.232	0.504	1.235	1.902	2.473
161	1.60	2.926	3.236	3.370	3.297	2.994	2.457	1.709	0.808	-0.160	-1.072
171	1.70	-1.790	-2.186	-2.184	-1.795	-1.134	-0.388	0.231	0.566	0.558	0.265
181	1.80	-0.186	-0.657	-1.060	-1.376	-1.623	-1.803	-1.853	-1.655	-1.090	-0.130
191	1.90	1.099	2.320	3.198	3.481	3.118	2.307	1.415	0.810	0.679	0.931
201	2.00	1.219	1.111	0.308	-1.186	-3.025	-4.646	-5.507	-5.315	-4.162	-2.482
211	2.10	-0.864	0.197	0.499	0.187	-0.342	-0.639	-0.413	0.356	1.421	2.398
221	2.20	2.938	2.862	2.215	1.219	0.168	-0.677	-1.159	-1.242	-0.978	-0.468
231	2.30	0.168	0.807	1.330	1.628	1.634	1.341	0.822	0.210	-0.349	-0.753
241	2.40	-0.987	-1.122	-1.272	-1.526	-1.886	-2.244	-2.416	-2.216	-1.542	-0.432
251	2.50	0.926	2.250	3.244	3.690	3.502	2.743	1.594	0.303	-0.878	-1.742
261	2.60	-2.158	-2.085	-1.574	-0.758	0.168	0.980	1.473	1.507	1.048	0.187
271	2.70	-0.872	-1.860	-2.513	-2.649	-2.219	-1.327	-0.200	0.879	1.660	1.997
281	2.80	1.889	1.462	0.919	0.450	0.167	0.071	0.071	0.044	-0.093	-0.330
291	2.90	-0.571	-0.675	-0.540	-0.161	0.347	0.791	0.986	0.838	0.404	-0.127
301	3.00	-0.506	-0.533	-0.148	0.537	1.268	1.748	1.744	1.172	0.120	-1.183
311	3.10	-2.447	-3.408	-3.888	-3.830	-3.283	-2.373	-1.267	-0.134	0.883	1.690
321	3.20	2.253	2.594	2.773	2.848	2.837	2.692	2.310	1.576	0.441	-1.018
331	3.30	-2.571	-3.882	-4.603	-4.508	-3.588	-2.083	-0.424	0.911	1.549	1.353
341	3.40	0.459	-0.781	-1.924	-2.589	-2.569	-1.876	-0.698	0.683	1.991	3.025
351	3.50	3.682	3.938	3.816	3.358	2.617	1.668	0.619	-0.396	-1.241	-1.821
361	3.60	-2.112	-2.174	-2.118	-2.057	-2.055	-2.101	-2.124	-2.041	-1.810	-1.470
371	3.70	-1.125	-0.894	-0.842	-0.925	-0.995	-0.852	-0.338	0.580	1.770	2.970
381	3.80	3.884	4.285	4.103	3.431	2.466	1.417	0.414	-0.522	-1.444	-2.394
391	3.90	-3.322	-4.063	-4.373	-4.036	-2.974	-1.315	0.628	2.450	3.796	4.477
401	4.00	4.522	4.134	3.590	3.119	2.826	2.671	2.524	2.245	1.753	1.054
411	4.10	0.233	-0.598	-1.336	-1.916	-2.306	-2.491	-2.463	-2.221	-1.785	-1.205
421	4.20	-0.559	0.068	0.613	1.051	1.397	1.676	1.899	2.038	2.043	1.867
431	4.30	1.505	1.012	0.477	-0.022	-0.473	-0.949	-1.577	-2.465	-3.612	-4.858
441	4.40	-5.899	-6.376	-6.005	-4.694	-2.590	-0.042	2.516	4.705	6.308	7.302
451	4.50	7.812	8.019	8.064	7.993	7.761	7.280	6.475	5.322	3.843	2.087
461	4.60	0.095	-2.093	-4.416	-6.745	-8.859	-10.458	-11.234	-10.972	-9.645	-7.460
471	4.70	-6.826	-2.248	-0.180	1.102	1.582	1.481	1.171	1.039	1.356	2.199
481	4.80	3.438	4.801	5.960	6.634	6.648	5.951	4.598	2.708	0.438	-2.028
491	4.90	-4.471	-6.628	-8.208	-8.932	-8.614	-7.233	-4.976	-2.223	0.533	2.816

Table 7-23-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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	4.289	4.837	4.572	3.762	2.722	1.701	0.824	0.101	-0.522	-1.082
511	5.10	-1.560	-1.877	-1.954	-1.767	-1.391	-0.986	-0.726	-0.716	-0.923	-1.168
521	5.20	-1.192	-0.762	0.224	1.679	3.345	4.877	5.958	6.399	6.182	5.437
531	5.30	4.367	3.160	1.938	0.732	-0.482	-1.731	-3.005	-4.232	-5.292	-6.055
541	5.40	-6.413	-6.305	-5.728	-4.726	-3.393	-1.845	-0.236	1.263	2.479	3.278
551	5.50	3.595	3.470	3.037	2.496	2.042	1.793	1.738	1.732	1.543	0.943
561	5.60	-0.195	-1.824	-3.710	-5.489	-6.774	-7.278	-6.904	-5.771	-4.171	-2.459
571	5.70	-0.940	0.223	1.034	1.625	2.172	2.805	3.556	4.354	5.065	5.561
581	5.80	5.765	5.663	5.281	4.643	3.737	2.520	0.955	-0.939	-3.042	-5.143
591	5.90	-6.976	-8.305	-8.987	-9.004	-8.448	-7.459	-6.165	-4.636	-2.896	-0.960
601	6.00	1.113	3.180	5.036	6.458	7.284	7.456	7.041	6.188	5.074	3.845
611	6.10	2.593	1.369	0.221	-0.780	-1.538	-1.967	-2.035	-1.808	-1.435	-1.106
621	6.20	-0.969	-1.070	-1.323	-1.548	-1.544	-1.177	-0.431	0.582	1.673	2.642
631	6.30	3.342	3.699	3.701	3.360	2.682	1.667	0.333	-1.239	-2.884	-4.363
641	6.40	-5.413	-5.829	-5.524	-4.566	-3.158	-1.578	-0.108	1.037	1.737	1.965
651	6.50	1.765	1.218	0.427	-0.496	-1.421	-2.210	-2.732	-2.887	-2.638	-2.025
661	6.60	-1.155	-0.168	0.800	1.662	2.398	3.039	3.635	4.214	4.745	5.137
671	6.70	5.264	5.012	4.332	3.271	1.965	0.602	-0.644	-1.672	-2.477	-3.141
681	6.80	-3.764	-4.398	-4.990	-5.374	-5.326	-4.656	-3.300	-1.375	0.840	2.978
691	6.90	4.704	5.814	6.276	6.201	5.762	5.105	4.291	3.309	2.133	0.805
701	7.00	-0.522	-1.610	-2.213	-2.195	-1.604	-0.679	0.224	0.774	0.785	0.291
711	7.10	-0.477	-1.200	-1.598	-1.541	-1.080	-0.407	0.244	0.692	0.856	0.755
721	7.20	0.457	0.018	-0.547	-1.249	-2.089	-3.010	-3.887	-4.553	-4.861	-4.734
731	7.30	-4.194	-3.336	-2.281	-1.113	0.143	1.504	2.969	4.464	5.815	6.774
741	7.40	7.098	6.644	5.439	3.687	1.718	-0.117	-1.540	-2.414	-2.746	-2.647
751	7.50	-2.270	-1.759	-1.239	-0.816	-0.601	-0.697	-1.167	-1.979	-2.969	-3.848
761	7.60	-4.274	-3.974	-2.855	-1.071	1.009	2.916	4.241	4.782	4.593	3.939
771	7.70	3.155	2.500	2.043	1.671	1.178	0.407	-0.633	-1.741	-2.606	-2.957
781	7.80	-2.698	-1.977	-1.125	-0.509	-0.358	-0.649	-1.117	-1.385	-1.156	-0.368
791	7.90	0.747	1.761	2.235	1.933	0.947	-0.324	-1.329	-1.590	-0.911	0.540
801	8.00	2.288	3.740	4.398	4.041	2.773	0.959	-0.927	-2.472	-3.435	-3.770
811	8.10	-3.583	-3.045	-2.320	-1.535	-0.793	-0.201	0.120	0.064	-0.402	-1.178
821	8.20	-2.014	-2.550	-2.429	-1.424	0.447	2.894	5.414	7.434	8.488	8.352
831	8.30	7.101	5.060	2.681	0.386	-1.548	-3.035	-4.135	-4.963	-5.583	-5.958
841	8.40	-5.958	-5.441	-4.342	-2.757	-0.942	0.739	1.927	2.383	2.067	1.143
851	8.50	-0.072	-1.206	-1.935	-2.055	-1.511	-0.378	1.173	2.926	4.659	6.163
861	8.60	7.263	7.833	7.805	7.186	6.054	4.547	2.833	1.070	-0.624	-2.185
871	8.70	-3.605	-4.897	-6.068	-7.084	-7.861	-8.275	-8.195	-7.532	-6.277	-4.523
881	8.80	-2.461	-0.335	1.618	3.234	4.467	5.390	6.149	6.888	7.656	8.348
891	8.90	8.700	8.348	6.935	4.245	0.301	-4.590	-9.876	-14.861	-18.853	-21.298
901	9.00	-21.882	-20.575	-17.613	-13.427	-8.565	-3.596	0.956	4.667	7.248	8.564
911	9.10	8.642	7.665	5.953	3.919	2.011	0.630	0.054	0.375	1.487	3.109
921	9.20	4.873	6.429	7.553	8.203	8.513	8.714	9.009	9.462	9.930	10.092
931	9.30	9.552	7.994	5.322	1.729	-2.333	-6.273	-9.533	-11.740	-12.787	-12.823
941	9.40	-12.160	-11.138	-10.011	-8.882	-7.711	-6.375	-4.751	-2.779	-0.500	1.955
951	9.50	4.393	6.597	8.354	9.479	9.824	9.295	7.870	5.624	2.739	-0.509
961	9.60	-3.782	-6.741	-9.104	-10.691	-11.442	-11.388	-10.616	-9.214	-7.244	-4.748
971	9.70	-1.787	1.514	4.927	8.127	10.753	12.495	13.189	12.877	11.798	10.303
981	9.80	8.736	7.319	6.080	4.877	3.685	1.726	-0.428	-2.818	-5.143	-7.075
991	9.90	-8.381	-8.999	-9.046	-8.745	-8.306	-7.829	-7.256	-6.407	-5.065	-3.085

Table 7-23-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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	-0.479	2.566	5.721	8.591	10.804	12.083	12.287	11.424	9.644	7.219
1011	10.10	4.507	1.904	-0.225	-1.618	-2.177	-2.000	-1.356	-0.612	-0.128	-0.149
1021	10.20	-0.735	-1.769	-2.908	-3.883	-4.412	-4.388	-3.894	-3.170	-2.528	-2.235
1031	10.30	-2.416	-2.995	-3.714	-4.209	-4.135	-3.285	-1.658	0.530	2.923	5.133
1041	10.40	6.857	7.949	8.418	8.379	7.963	7.254	6.256	4.933	3.265	1.319
1051	10.50	-0.725	-2.597	-4.012	-4.759	-4.775	-4.180	-3.246	-2.323	-1.737	-1.686
1061	10.60	-2.168	-2.967	-3.703	-3.950	-3.382	-1.911	0.248	2.616	4.604	5.738
1071	10.70	5.857	5.206	4.353	3.942	4.380	5.588	6.949	7.494	6.281	2.805
1081	10.80	-2.731	-9.414	-15.900	-20.850	-23.346	-23.093	-20.363	-15.719	-9.709	-2.698
1091	10.90	5.069	13.212	20.959	27.062	30.033	28.646	22.512	12.451	0.440	-10.893
1101	11.00	-19.078	-22.589	-21.301	-16.419	-9.937	-3.852	0.520	2.863	3.714	3.991
1111	11.10	4.442	5.299	6.274	6.857	6.716	5.964	5.132	4.861	5.476	6.685
1121	11.20	7.585	7.002	4.028	-1.484	-8.715	-16.067	-21.678	-24.051	-22.541	-17.509
1131	11.30	-10.107	-1.813	6.058	12.674	17.717	21.189	23.118	23.356	21.580	17.493
1141	11.40	11.115	3.004	-5.735	-13.678	-19.466	-22.215	-21.773	-18.752	-14.319	-9.859
1151	11.50	-6.606	-5.363	-6.351	-9.188	-12.973	-16.446	-18.232	-17.159	-12.612	-6.835
1161	11.60	4.959	14.781	22.389	26.031	25.131	20.640	14.817	10.440	9.705	13.237
1171	11.70	19.664	26.000	28.753	25.352	15.284	0.452	-15.459	-28.354	-35.282	-35.481
1181	11.80	-30.476	-23.186	-16.451	-11.710	-8.401	-4.433	2.529	13.555	27.465	40.881
1191	11.90	49.359	49.127	38.704	19.653	-3.835	-26.388	-43.301	-52.026	-52.727	-47.758
1201	12.00	-40.356	-33.200	-27.437	-22.561	-17.083	-9.608	0.230	11.404	21.837	29.273
1211	12.10	32.231	30.644	25.686	20.209	15.843	14.124	15.009	17.129	18.335	16.516
1221	12.20	10.388	-0.025	-13.342	-27.194	-38.883	-46.076	-47.372	-42.560	-32.564	-19.115
1231	12.30	-4.290	9.948	22.088	31.241	37.135	39.994	40.354	38.876	36.167	32.649
1241	12.40	28.484	23.568	17.634	10.434	1.962	-7.361	-16.647	-24.692	-30.297	-32.647
1251	12.50	-31.606	-27.781	-22.311	-16.468	-11.225	-6.986	-3.592	-0.577	2.458	5.553
1261	12.60	6.338	10.222	10.733	9.809	7.870	5.635	3.776	2.583	1.837	0.931
1271	12.70	-0.801	-3.747	-7.824	-12.531	-17.177	-21.143	-24.011	-25.518	-25.382	-23.180
1281	12.80	-18.400	-10.724	-0.395	11.547	23.339	32.953	38.768	40.162	37.740	33.045
1291	12.90	27.878	23.521	20.256	17.384	13.761	8.550	1.806	-5.418	-11.515	-15.102
1301	13.00	-15.729	-14.156	-12.027	-11.094	-12.346	-15.480	-18.975	-20.734	-19.007	-13.174
1311	13.10	-4.026	6.536	16.226	23.175	26.459	26.158	23.023	17.973	11.708	4.621
1321	13.20	-3.002	-10.687	-17.605	-22.689	-25.015	-24.268	-21.010	-16.598	-12.702	-10.631
1331	13.30	-10.750	-12.267	-13.519	-12.651	-8.419	-0.774	9.017	18.769	26.138	29.419
1341	13.40	28.080	22.835	15.259	7.151	-0.081	-5.758	-9.898	-12.885	-15.047	-16.369
1351	13.50	-16.477	-14.892	-11.393	-6.287	-0.434	5.020	9.059	11.178	11.548	10.865
1361	13.60	9.982	9.495	9.479	9.503	8.910	7.192	4.293	0.664	-2.937	-5.796
1371	13.70	-7.558	-8.353	-8.669	-9.035	-9.695	-10.425	-10.596	-9.445	-6.435	-1.533
1381	13.80	4.704	11.269	16.987	20.829	22.143	20.752	16.925	11.270	4.608	-2.168
1391	13.90	-8.223	-12.915	-15.916	-17.266	-17.337	-16.674	-15.771	-14.863	-13.825	-12.255
1401	14.00	-9.689	-5.880	-0.990	4.399	9.460	13.414	15.796	16.579	16.087	14.782
1411	14.10	13.011	10.867	8.220	4.905	0.934	-3.361	-7.372	-10.406	-11.948	-11.866
1421	14.20	-10.446	-8.261	-5.925	-3.865	-2.200	-0.785	0.631	2.215	3.937	5.569
1431	14.30	6.805	7.406	7.310	6.632	5.585	4.347	2.971	1.384	-0.529	-2.791
1441	14.40	-5.230	-7.473	-9.046	-9.559	-8.885	-7.259	-5.229	-3.478	-2.572	-2.741
1451	14.50	-3.769	-5.072	-5.916	-5.700	-4.191	-1.609	1.469	4.352	6.505	7.738
1461	14.60	8.229	8.372	8.538	8.856	9.141	8.988	7.996	6.007	3.238	0.229
1471	14.70	-2.363	-4.029	-4.610	-4.333	-3.673	-3.118	-2.953	-3.166	-3.511	-3.678
1481	14.80	-3.466	-2.869	-2.035	-1.145	-0.289	0.571	1.529	2.607	3.653	4.348
1491	14.90	4.338	3.419	1.680	-0.498	-2.593	-4.187	-5.159	-5.718	-6.251	-7.049

Table 7-23-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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	-8.069	-8.864	-8.750	-7.144	-3.899	0.525	5.169	8.923	10.961	11.058
1511	15.10	9.641	7.551	5.633	4.365	3.683	3.094	1.999	0.047	-2.638	-5.488
1521	15.20	-7.733	-8.737	-8.259	-6.522	-4.074	-1.531	0.659	2.338	3.588	4.584
1531	15.30	5.437	6.121	6.509	6.489	6.066	5.395	4.714	4.226	3.988	3.881
1541	15.40	3.673	3.142	2.192	0.903	-0.508	-1.779	-2.720	-3.262	-3.456	-3.413
1551	15.50	-3.237	-2.986	-2.679	-2.327	-1.964	-1.640	-1.399	-1.235	-1.084	-0.856
1561	15.60	-0.498	-0.055	0.315	0.390	-0.013	-0.936	-2.226	-3.564	-4.572	-4.953
1571	15.70	-4.600	-3.629	-2.320	-1.004	0.057	0.743	1.072	1.145	1.068	0.899
1581	15.80	0.637	0.259	-0.234	-0.788	-1.299	-1.642	-1.712	-1.453	-0.867	0.001
1591	15.90	1.070	2.224	3.306	4.120	4.457	4.157	3.184	1.687	0.000	-1.428
1601	16.00	-2.174	-1.987	-0.896	0.773	2.500	3.738	4.101	3.485	2.081	0.281
1611	16.10	-1.494	-2.951	-4.012	-4.799	-5.516	-6.301	-7.103	-7.654	-7.550	-6.409
1621	16.20	-4.053	-0.618	3.432	7.415	10.623	12.515	12.858	11.756	9.579	6.813
1631	16.30	3.919	1.232	-1.057	-2.857	-4.108	-4.740	-4.678	-3.899	-2.499	-0.727
1641	16.40	1.046	2.425	3.111	3.005	2.245	1.148	0.101	-0.578	-0.735	-0.409
1651	16.50	0.207	0.847	1.264	1.293	0.867	0.019	-1.149	-2.487	-3.824	-4.992
1661	16.60	-5.859	-6.358	-6.494	-6.335	-5.955	-5.388	-4.587	-3.444	-1.858	0.164
1671	16.70	2.440	4.613	6.242	6.957	6.604	5.323	3.494	1.588	-0.012	-1.146
1681	16.80	-1.881	-2.402	-2.845	-3.161	-3.106	-2.361	-0.728	1.712	4.555	7.196
1691	16.90	9.067	9.854	9.618	8.720	7.615	6.606	5.698	4.623	3.026	0.713
1701	17.00	-2.186	-5.218	-7.808	-9.525	-10.306	-10.485	-10.617	-11.164	-12.215	-13.373
1711	17.10	-13.890	-12.998	-10.275	-5.888	-0.575	4.604	8.657	11.008	11.653	11.070
1721	17.20	9.952	8.883	8.127	7.589	6.962	5.942	4.414	2.505	0.505	-1.290
1731	17.30	-2.710	-3.756	-4.526	-5.088	-5.370	-5.149	-4.147	-2.207	0.548	3.665
1741	17.40	6.461	8.136	8.221	6.572	3.525	-0.224	-3.840	-6.601	-8.096	-8.298
1751	17.50	-7.503	-6.173	-4.753	-3.532	-2.586	-1.822	-1.071	-0.202	0.807	1.852
1761	17.60	2.750	3.306	3.387	2.960	2.090	0.918	-0.386	-1.657	-2.757	-3.581
1771	17.70	-4.065	-4.181	-3.950	-3.435	-2.734	-1.947	-1.153	-0.374	0.413	1.260
1781	17.80	2.199	3.201	4.162	4.926	5.336	5.298	4.821	4.011	3.036	2.049
1791	17.90	1.139	0.300	-0.533	-1.434	-2.414	-3.385	-4.170	-4.547	-4.328	-3.425
1801	18.00	-1.887	0.104	2.263	4.266	5.799	6.617	6.579	5.682	4.064	1.999
1811	18.10	-0.151	-2.006	-3.257	-3.737	-3.465	-2.634	-1.548	-0.528	0.183	0.475
1821	18.20	0.384	0.051	-0.345	-0.654	-0.804	-0.812	-0.763	-0.766	-0.913	-1.241
1831	18.30	-1.722	-2.269	-2.768	-3.108	-3.222	-3.100	-2.784	-2.341	-1.815	-1.197
1841	18.40	-0.420	0.607	1.945	3.553	5.262	6.798	7.855	8.208	7.795	6.750
1851	18.50	5.350	3.906	2.636	1.589	0.645	-0.401	-1.709	-3.284	-4.940	-6.350
1861	18.60	-7.171	-7.177	-6.352	-4.889	-3.119	-1.390	0.043	1.069	1.708	2.059
1871	18.70	2.222	2.263	2.203	2.033	1.745	1.334	0.789	0.082	-0.827	-1.956
1881	18.80	-3.256	-4.574	-5.662	-6.239	-6.093	-5.172	-3.632	-1.794	-0.034	1.352
1891	18.90	2.257	2.781	3.157	3.619	4.269	5.018	5.615	5.770	5.290	4.178
1901	19.00	2.640	0.991	-0.475	-1.608	-2.437	-3.120	-3.813	-4.552	-5.186	-5.425
1911	19.10	-4.965	-3.638	-1.528	1.033	3.559	5.587	6.825	7.239	7.012	6.427
1921	19.20	5.715	4.957	4.072	2.910	1.380	-0.442	-2.297	-3.813	-4.658	-4.678
1931	19.30	-3.963	-2.820	-1.639	-0.743	-0.274	-0.167	-0.224	-0.242	-0.127	0.058
1941	19.40	0.138	-0.074	-0.657	-1.522	-2.437	-3.116	-3.343	-3.059	-2.385	-1.566
1951	19.50	-0.865	-0.470	-0.439	-0.702	-1.117	-1.539	-1.867	-2.064	-2.135	-2.106
1961	19.60	-2.001	-1.838	-1.638	-1.429	-1.237	-1.068	-0.886	-0.617	-0.173	0.502
1971	19.70	1.393	2.395	3.343	4.067	4.457	4.507	4.311	4.019	3.772	3.648
1981	19.80	3.638	3.671	3.661	3.552	3.340	3.061	2.757	2.447	2.114	1.732
1991	19.90	1.290	0.825	0.414	0.143	0.060	0.136	0.267	0.315	0.170	-0.200

Table 7-23-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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	-0.725	-1.275	-1.717	-1.993	-2.146	-2.310	-2.642	-3.241	-4.095	-5.071
2011	20.10	-5.966	-6.583	-6.810	-6.651	-6.211	-5.634	-5.032	-4.432	-3.774	-2.953
2021	20.20	-1.878	-0.531	1.007	2.583	4.017	5.170	5.984	6.493	6.794	6.999
2031	20.30	7.179	7.329	7.371	7.172	6.598	5.566	4.080	2.248	0.270	-1.601
2041	20.40	-3.118	-4.094	-4.443	-4.205	-3.522	-2.608	-1.689	-0.951	-0.506	-0.378
2051	20.50	-0.522	-0.849	-1.260	-1.674	-2.036	-2.318	-2.512	-2.624	-2.673	-2.689
2061	20.60	-2.710	-2.773	-2.897	-3.068	-3.230	-3.303	-3.197	-2.855	-2.269	-1.493
2071	20.70	-0.623	0.235	1.004	1.659	2.230	2.777	3.357	3.989	4.648	5.263
2081	20.80	5.751	6.041	6.096	5.912	5.508	4.907	4.127	3.180	2.081	0.864
2091	20.90	-0.416	-1.687	-2.872	-3.900	-4.712	-5.257	-5.482	-5.332	-4.768	-3.791
2101	21.00	-2.470	-0.955	0.538	1.777	2.578	2.860	2.667	2.151	1.510	0.916
2111	21.10	0.462	0.145	-0.106	-0.380	-0.726	-1.130	-1.525	-1.830	-1.994	-2.028
2121	21.20	-1.993	-1.971	-2.020	-2.143	-2.290	-2.389	-2.384	-2.270	-2.096	-1.934
2131	21.30	-1.838	-1.602	-1.750	-1.565	-1.136	-0.418	0.533	1.564	2.463	3.022
2141	21.40	3.103	2.673	1.814	0.693	-0.488	-1.537	-2.314	-2.745	-2.819	-2.574
2151	21.50	-2.074	-1.389	-0.592	0.252	1.086	1.860	2.538	3.093	3.514	3.798
2161	21.60	3.943	3.944	3.782	3.432	2.875	2.113	1.187	0.182	-0.786	-1.596
2171	21.70	-2.153	-2.421	-2.423	-2.233	-1.938	-1.605	-1.257	-0.875	-0.425	0.114
2181	21.80	0.720	1.330	1.869	2.284	2.580	2.819	3.090	3.458	3.908	4.334
2191	21.90	4.563	4.416	3.789	2.707	1.328	-0.099	-1.319	-2.149	-2.532	-2.536
2201	22.00	-2.312	-2.021	-1.783	-1.640	-1.569	-1.513	-1.419	-1.265	-1.059	-0.833
2211	22.10	-0.615	-0.424	-0.262	-0.128	-0.027	0.023	-0.006	-0.147	-0.428	-0.865
2221	22.20	-1.454	-2.165	-2.935	-3.666	-4.227	-4.483	-4.321	-3.700	-2.670	-1.375
2231	22.30	-0.022	1.180	2.072	2.594	2.777	2.724	2.544	2.315	2.059	1.752
2241	22.40	1.360	0.876	0.361	-0.169	-0.573	-0.818	-0.900	-0.856	-0.737	-0.573
2251	22.50	-0.356	-0.045	0.406	1.006	1.707	2.405	2.969	3.286	3.303	3.036
2261	22.60	2.566	1.996	1.420	0.890	0.416	-0.018	-0.433	-0.824	-1.161	-1.391
2271	22.70	-1.461	-1.344	-1.045	-0.612	-0.120	0.344	0.702	0.900	0.919	0.773
2281	22.80	0.500	0.154	-0.210	-0.550	-0.836	-1.057	-1.213	-1.310	-1.360	-1.374
2291	22.90	-1.368	-1.362	-1.373	-1.413	-1.481	-1.559	-1.625	-1.657	-1.650	-1.622
2301	23.00	-1.610	-1.668	-1.751	-1.893	-2.005	-1.991	-1.758	-1.244	-0.449	0.565
2311	23.10	1.687	2.779	3.708	4.370	4.702	4.693	4.379	3.837	3.174	2.507
2321	23.20	1.935	1.516	1.241	1.043	0.817	0.460	-0.084	-0.796	-1.585	-2.317
2331	23.30	-2.862	-3.138	-3.131	-2.884	-2.467	-1.935	-1.309	-0.579	0.263	1.187
2341	23.40	2.103	2.869	3.323	3.345	2.895	2.044	0.948	-0.188	-1.175	-1.882
2351	23.50	-2.263	-2.352	-2.260	-2.035	-1.831	-1.684	-1.601	-1.543	-1.439	-1.205
2361	23.60	-0.779	-0.145	0.647	1.480	2.198	2.644	2.710	2.376	1.717	0.884
2371	23.70	0.056	-0.614	-1.046	-1.243	-1.279	-1.260	-1.282	-1.396	-1.599	-1.838
2381	23.80	-2.042	-2.142	-2.095	-1.891	-1.549	-1.111	-0.623	-0.127	0.345	0.770
2391	23.90	1.135	1.419	1.593	1.613	1.430	1.006	0.339	-0.521	-1.463	-2.335
2401	24.00	-2.975	-3.258	-3.131	-2.626	-1.852	-0.953	-0.073	0.690	1.287	1.718
2411	24.10	2.007	2.174	2.230	2.170	1.998	1.732	1.415	1.101	0.838	0.652
2421	24.20	0.535	0.454	0.373	0.267	0.142	0.033	-0.013	0.046	0.229	0.524
2431	24.30	0.886	1.256	1.571	1.775	1.832	1.726	1.463	1.070	0.593	0.092
2441	24.40	-0.365	-0.716	-0.909	-0.914	-0.730	-0.383	0.072	0.555	0.976	1.249
2451	24.50	1.309	1.133	0.746	0.215	-0.367	-0.918	-1.387	-1.770	-2.101	-2.424
2461	24.60	-2.761	-3.087	-3.337	-3.419	-3.262	-2.837	-2.175	-1.349	-0.438	0.493
2471	24.70	1.417	2.320	3.175	3.913	4.419	4.559	4.236	3.444	2.295	1.002
2481	24.80	-0.183	-1.046	-1.682	-1.511	-1.261	-0.899	-0.562	-0.316	-0.150	-0.009
2491	24.90	0.159	0.364	0.569	0.713	0.747	0.668	0.521	0.376	0.296	0.296

Table 7-23-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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	0.333	0.318	0.149	-0.255	-0.919	-1.811	-2.843	-3.894	-4.830	-5.524
2511	25.10	-5.868	-5.790	-5.265	-4.326	-3.060	-1.596	-0.082	1.346	2.583	3.574
2521	25.20	4.299	4.770	5.007	5.033	4.871	4.550	4.099	3.555	2.947	2.292
2531	25.30	1.597	0.865	0.110	-0.638	-1.333	-1.930	-2.403	-2.758	-3.025	-3.237
2541	25.40	-3.395	-3.449	-3.301	-2.839	-1.990	-0.764	0.723	2.272	3.651	4.667
2551	25.50	5.208	5.261	4.896	4.218	3.327	2.303	1.208	0.115	-0.881	-1.658
2561	25.60	-2.096	-2.121	-1.738	-1.039	-0.184	0.650	1.315	1.731	1.882	1.806
2571	25.70	1.553	1.168	0.676	0.092	-0.559	-1.239	-1.890	-2.452	-2.881	-3.159
2581	25.80	-3.291	-3.298	-3.195	-2.992	-2.690	-2.296	-1.830	-1.334	-0.855	-0.436
2591	25.90	-0.095	0.175	0.403	0.619	0.833	1.026	1.150	1.151	0.984	0.638
2601	26.00	0.142	-0.445	-1.044	-1.579	-1.993	-2.248	-2.325	-2.212	-1.897	-1.358
2611	26.10	-0.573	0.467	1.734	3.165	4.552	5.757	6.543	6.735	6.249	5.132
2621	26.20	3.570	1.844	0.263	-0.922	-1.583	-1.744	-1.556	-1.236	-0.988	-0.938
2631	26.30	-1.107	-1.424	-1.773	-2.046	-2.184	-2.187	-2.099	-1.976	-1.855	-1.746
2641	26.40	-1.629	-1.481	-1.294	-1.081	-0.676	-0.716	-0.619	-0.583	-0.580	-0.576
2651	26.50	-0.549	-0.500	-0.459	-0.470	-0.571	-0.779	-1.073	-1.400	-1.687	-1.861
2661	26.60	-1.871	-1.702	-1.374	-0.933	-0.436	0.061	0.515	0.901	1.206	1.425
2671	26.70	1.561	1.625	1.636	1.617	1.594	1.578	1.564	1.528	1.434	1.256
2681	26.80	0.992	0.672	0.347	0.069	-0.137	-0.291	-0.445	-0.659	-0.952	-1.281
2691	26.90	-1.535	-1.572	-1.277	-0.822	0.309	1.336	2.243	2.855	3.102	3.032
2701	27.00	2.778	2.487	2.254	2.080	1.887	1.574	1.084	0.450	-0.209	-0.729
2711	27.10	-0.977	-0.912	-0.604	-0.204	0.115	0.232	0.119	-0.158	-0.481	-0.733
2721	27.20	-0.854	-0.852	-0.793	-0.760	-0.813	-0.965	-1.176	-1.373	-1.481	-1.441
2731	27.30	-1.229	-0.855	-0.364	0.183	0.715	1.167	1.496	1.686	1.756	1.751
2741	27.40	1.724	1.718	1.749	1.801	1.837	1.820	1.723	1.545	1.299	1.001
2751	27.50	0.656	0.259	-0.199	-0.708	-1.232	-1.714	-2.092	-2.333	-2.454	-2.517
2761	27.60	-2.609	-2.793	-3.071	-3.365	-3.541	-3.456	-3.017	-2.225	-1.181	-0.058
2771	27.70	0.955	1.712	2.140	2.245	2.084	1.734	1.260	0.714	0.141	-0.405
2781	27.80	-0.853	-1.126	-1.170	-0.979	-0.613	-0.183	0.174	0.345	0.275	-0.020
2791	27.90	-0.460	-0.931	-1.326	-1.564	-1.609	-1.460	-1.139	-0.675	-0.106	0.523
2801	28.00	1.158	1.727	2.160	2.395	2.406	2.207	1.856	1.435	1.026	0.690
2811	28.10	0.448	0.284	0.157	0.023	-0.147	-0.356	-0.581	-0.789	-0.947	-1.043
2821	28.20	-1.083	-1.093	-1.099	-1.119	-1.150	-1.170	-1.145	-1.037	-0.822	-0.494
2831	28.30	-0.066	0.431	0.956	1.467	1.922	2.287	2.540	2.675	2.700	2.642
2841	28.40	2.536	2.415	2.304	2.204	2.103	1.973	1.786	1.529	1.200	0.814
2851	28.50	0.396	-0.034	-0.458	-0.862	-1.228	-1.531	-1.739	-1.824	-1.774	-1.602
2861	28.60	-1.345	-1.057	-0.786	-0.564	-0.397	-0.279	-0.204	-0.187	-0.266	-0.484
2871	28.70	-0.865	-1.381	-1.947	-2.431	-2.694	-2.640	-2.254	-1.612	-0.859	-0.163
2881	28.80	0.341	0.583	0.572	0.370	0.061	-0.286	-0.630	-0.955	-1.253	-1.499
2891	28.90	-1.651	-1.654	-1.461	-1.056	-0.461	0.263	1.038	1.787	2.451	2.992
2901	29.00	3.388	3.625	3.689	3.567	3.249	2.738	2.055	1.234	0.323	-0.623
2911	29.10	-1.542	-2.369	-3.035	-3.476	-3.639	-3.499	-3.063	-2.372	-1.494	-0.511
2921	29.20	0.495	1.440	2.242	2.819	3.089	2.989	2.501	1.675	0.638	-0.422
2931	29.30	-1.303	-1.843	-1.979	-1.765	-1.357	-0.957	-0.737	-0.779	-1.049	-1.417
2941	29.40	-1.709	-1.782	-1.570	-1.103	-0.480	0.178	0.776	1.280	1.708	2.098
2951	29.50	2.473	2.611	3.044	3.088	2.881	2.418	1.765	1.041	0.375	-0.134
2961	29.60	-0.447	-0.590	-0.629	-0.640	-0.674	-0.746	-0.835	-0.910	-0.950	-0.954
2971	29.70	-0.938	-0.920	-0.900	-0.852	-0.733	-0.503	-0.150	0.293	0.753	1.139
2981	29.80	1.369	1.403	1.250	0.965	0.620	0.277	-0.030	-0.303	-0.565	-0.836
2991	29.90	-1.116	-1.373	-1.553	-1.599	-1.478	-1.193	-0.793	-0.357	0.025	0.277

Table 7-23-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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	0.357	0.263	0.029	-0.284	-0.615	-0.910	-1.140	-1.302	-1.412	-1.495
3011	30.10	-1.572	-1.668	-1.715	-1.748	-1.722	-1.622	-1.446	-1.206	-0.921	-0.607
3021	30.20	-0.269	0.097	0.499	0.935	1.387	1.814	2.164	2.386	2.450	2.357
3031	30.30	2.136	1.838	1.518	1.222	0.979	0.794	0.663	0.571	0.505	0.452
3041	30.40	0.408	0.370	0.343	0.334	0.354	0.411	0.503	0.614	0.715	0.772
3051	30.50	0.755	0.652	0.475	0.257	0.035	-0.158	-0.313	-0.441	-0.565	-0.701
3061	30.60	-0.843	-0.962	-1.015	-0.962	-0.788	-0.515	-0.195	0.109	0.346	0.496
3071	30.70	0.572	0.613	0.659	0.728	0.810	0.863	0.838	0.697	0.432	0.069
3081	30.80	-0.341	-0.738	-1.076	-1.329	-1.493	-1.581	-1.604	-1.569	-1.476	-1.324
3091	30.90	-1.123	-0.896	-0.681	-0.514	-0.416	-0.378	-0.354	-0.275	-0.066	0.323
3101	31.00	0.897	1.606	2.357	3.036	3.537	3.787	3.759	3.466	2.948	2.255
3111	31.10	1.439	0.549	-0.359	-1.214	-1.939	-2.455	-2.705	-2.675	-2.399	-1.955
3121	31.20	-1.440	-0.942	-0.517	-0.179	0.092	0.323	0.534	0.719	0.853	0.906
3131	31.30	0.862	0.731	0.542	0.333	0.128	-0.072	-0.296	-0.582	-0.954	-1.407
3141	31.40	-1.892	-2.331	-2.634	-2.729	-2.565	-2.219	-1.696	-1.103	-0.535	-0.062
3151	31.50	0.277	0.482	0.584	0.626	0.647	0.661	0.655	0.594	0.439	0.176
3161	31.60	-0.167	-0.512	-0.746	-0.755	-0.466	0.121	0.923	1.796	2.573	3.118
3171	31.70	3.360	3.306	3.025	2.610	2.140	1.659	1.175	0.677	0.166	-0.335
3181	31.80	-0.780	-1.121	-1.330	-1.422	-1.445	-1.462	-1.522	-1.634	-1.771	-1.882
3191	31.90	-1.926	-1.899	-1.840	-1.812	-1.871	-2.029	-2.239	-2.410	-2.435	-2.243
3201	32.00	-1.823	-1.234	-0.578	0.040	0.551	0.942	1.250	1.528	1.814	2.109
3211	32.10	2.377	2.567	2.642	2.605	2.497	2.376	2.292	2.258	2.248	2.210
3221	32.20	2.102	1.910	1.664	1.420	1.234	1.127	1.079	1.033	0.931	0.745
3231	32.30	0.494	0.239	0.050	-0.034	-0.030	-0.016	-0.096	-0.360	-0.837	-1.478
3241	32.40	-2.172	-2.785	-3.212	-3.406	-3.385	-3.213	-2.959	-2.667	-2.344	-1.972
3251	32.50	-1.532	-1.030	-0.502	-0.006	0.408	0.717	0.937	1.108	1.274	1.453
3261	32.60	1.624	1.743	1.758	1.646	1.425	1.151	0.894	0.711	0.622	0.604
3271	32.70	0.607	0.583	0.500	0.364	0.202	0.051	-0.065	-0.142	-0.198	-0.254
3281	32.80	-0.328	-0.421	-0.523	-0.619	-0.699	-0.760	-0.806	-0.831	-0.826	-0.772
3291	32.90	-0.658	-0.493	-0.310	-0.164	-0.115	-0.200	-0.420	-0.732	-1.071	-1.370
3301	33.00	-1.593	-1.739	-1.844	-1.954	-2.097	-2.265	-2.415	-2.486	-2.424	-2.210
3311	33.10	-1.862	-1.429	-0.966	-0.512	-0.074	0.358	0.798	1.241	1.647	1.948
3321	33.20	2.073	1.977	1.659	1.174	0.614	0.080	-0.347	-0.628	-0.762	-0.782
3331	33.30	-0.723	-0.612	-0.457	-0.253	0.010	0.332	0.700	1.096	1.504	1.918
3341	33.40	2.343	2.781	3.223	3.635	3.958	4.118	4.046	3.712	3.121	2.335
3351	33.50	1.450	0.577	-0.186	-0.773	-1.160	-1.361	-1.418	-1.386	-1.320	-1.263
3361	33.60	-1.242	-1.263	-1.319	-1.388	-1.444	-1.460	-1.417	-1.311	-1.151	-0.958
3371	33.70	-0.756	-0.563	-0.386	-0.219	-0.048	0.141	0.354	0.584	0.812	1.019
3381	33.80	1.192	1.332	1.457	1.591	1.751	1.934	2.108	2.218	2.201	2.006
3391	33.90	1.819	1.065	0.412	-0.251	-0.839	-1.294	-1.592	-1.749	-1.800	-1.780
3401	34.00	-1.713	-1.602	-1.440	-1.222	-0.960	-0.686	-0.445	-0.281	-0.220	-0.263
3411	34.10	-0.384	-0.552	-0.735	-0.922	-1.112	-1.305	-1.488	-1.620	-1.637	-1.474
3421	34.20	-1.092	-0.503	0.220	0.960	1.584	1.991	2.138	2.053	1.819	1.537
3431	34.30	1.288	1.108	0.982	0.864	0.705	0.478	0.190	-0.125	-0.437	-0.732
3441	34.40	-1.030	-1.373	-1.794	-2.295	-2.824	-3.279	-3.540	-3.506	-3.137	-2.470
3451	34.50	-1.612	-0.704	0.123	0.785	1.263	1.594	1.841	2.059	2.268	2.450
3461	34.60	2.563	2.570	2.457	2.249	1.996	1.750	1.548	1.388	1.239	1.056
3471	34.70	0.805	0.480	0.110	-0.255	-0.567	-0.795	-0.943	-1.036	-1.110	-1.187
3481	34.80	-1.263	-1.309	-1.287	-1.166	-0.943	-0.643	-0.316	-0.014	0.226	0.388
3491	34.90	0.479	0.513	0.501	0.438	0.314	0.118	-0.143	-0.438	-0.716	-0.921

Table 7-23-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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	-1.011	-0.973	-0.830	-0.628	-0.420	-0.245	-0.118	-0.034	0.029	0.087
3511	35.10	0.145	0.193	0.214	0.195	0.135	0.044	-0.058	-0.155	-0.244	-0.328
3521	35.20	-0.418	-0.516	-0.611	-0.673	-0.666	-0.555	-0.323	0.022	0.449	0.910
3531	35.30	1.355	1.738	2.029	2.215	2.296	2.283	2.191	2.035	1.827	1.566
3541	35.40	1.248	0.862	0.403	-0.117	-0.669	-1.198	-1.639	-1.931	-2.038	-1.959
3551	35.50	-1.726	-1.395	-1.016	-0.623	-0.218	0.214	0.691	1.205	1.717	2.157
3561	35.60	2.447	2.528	2.387	2.056	1.604	1.107	0.621	0.169	-0.256	-0.675
3571	35.70	-1.099	-1.514	-1.884	-2.165	-2.328	-2.369	-2.316	-2.209	-2.082	-1.948
3581	35.80	-1.791	-1.580	-1.291	-0.924	-0.514	-0.117	0.204	0.402	0.466	0.414
3591	35.90	0.287	0.129	-0.027	-0.168	-0.294	-0.412	-0.526	-0.634	-0.723	-0.778
3601	36.00	-0.782	-0.718	-0.574	-0.347	-0.044	0.306	0.658	0.952	1.131	1.159
3611	36.10	1.036	0.802	0.526	0.279	0.110	0.027	-0.004	-0.035	-0.112	-0.247
3621	36.20	-0.410	-0.543	-0.583	-0.497	-0.294	-0.029	0.230	0.427	0.548	0.627
3631	36.30	0.723	0.893	1.153	1.462	1.727	1.837	1.702	1.293	0.658	-0.087
3641	36.40	-0.794	-1.327	-1.600	-1.603	-1.393	-1.074	-0.757	-0.526	-0.417	-0.414
3651	36.50	-0.463	-0.500	-0.473	-0.363	-0.185	0.024	0.219	0.371	0.475	0.551
3661	36.60	0.628	0.733	0.871	1.025	1.161	1.243	1.245	1.165	1.025	0.858
3671	36.70	0.696	0.559	0.447	0.345	0.237	0.109	-0.037	-0.188	-0.327	-0.437
3681	36.80	-0.512	-0.553	-0.568	-0.561	-0.537	-0.494	-0.434	-0.362	-0.288	-0.227
3691	36.90	-0.192	-0.184	-0.194	-0.206	-0.201	-0.169	-0.109	-0.033	0.042	0.101
3701	37.00	0.137	0.156	0.168	0.183	0.207	0.238	0.271	0.299	0.322	0.344
3711	37.10	0.370	0.401	0.429	0.438	0.409	0.328	0.194	0.022	-0.163	-0.333
3721	37.20	-0.464	-0.547	-0.590	-0.610	-0.628	-0.660	-0.714	-0.768	-0.870	-0.945
3731	37.30	-0.998	-1.016	-0.991	-0.923	-0.820	-0.697	-0.575	-0.472	-0.400	-0.357
3741	37.40	-0.328	-0.290	-0.223	-0.120	0.009	0.134	0.224	0.252	0.209	0.113
3751	37.50	-0.006	-0.111	-0.179	-0.204	-0.198	-0.182	-0.173	-0.178	-0.188	-0.193
3761	37.60	-0.187	-0.175	-0.175	-0.204	-0.269	-0.360	-0.451	-0.517	-0.544	-0.545
3771	37.70	-0.550	-0.595	-0.690	-0.810	-0.882	-0.811	-0.514	0.050	0.849	1.780
3781	37.80	2.699	3.453	3.928	4.072	3.901	3.481	2.905	2.262	1.623	1.034
3791	37.90	0.522	0.100	-0.230	-0.476	-0.656	-0.795	-0.916	-1.030	-1.129	-1.183
3801	38.00	-1.151	-1.002	-0.723	-0.340	0.097	0.518	0.860	1.083	1.177	1.158
3811	38.10	1.060	0.918	0.763	0.609	0.464	0.331	0.209	0.099	-0.001	-0.092
3821	38.20	-0.178	-0.264	-0.350	-0.433	-0.511	-0.584	-0.656	-0.735	-0.830	-0.944
3831	38.30	-1.072	-1.198	-1.304	-1.377	-1.411	-1.410	-1.385	-1.345	-1.295	-1.231
3841	38.40	-1.148	-1.040	-0.911	-0.769	-0.624	-0.479	-0.329	-0.158	0.047	0.291
3851	38.50	0.565	0.845	1.103	1.322	1.502	1.657	1.810	1.972	2.135	2.265
3861	38.60	2.317	2.252	2.055	1.743	1.361	0.969	0.617	0.335	0.130	-0.009
3871	38.70	-0.101	-0.162	-0.203	-0.235	-0.276	-0.348	-0.472	-0.655	-0.883	-1.115
3881	38.80	-1.301	-1.398	-1.390	-1.297	-1.168	-1.059	-1.005	-1.010	-1.043	-1.058
3891	38.90	-1.019	-0.915	-0.767	-0.609	-0.467	-0.337	-0.186	0.032	0.347	0.744
3901	39.00	1.156	1.481	1.622	1.523	1.199	0.730	0.236	-0.173	-0.430	-0.534
3911	39.10	-0.537	-0.515	-0.532	-0.615	-0.749	-0.896	-1.020	-1.106	-1.165	-1.221
3921	39.20	-1.295	-1.388	-1.476	-1.526	-1.507	-1.418	-1.280	-1.134	-1.021	-0.957
3931	39.30	-0.932	-0.913	-0.859	-0.742	-0.558	-0.325	-0.075	0.165	0.382	0.584
3941	39.40	0.787	1.007	1.245	1.486	1.701	1.858	1.936	1.927	1.841	1.700
3951	39.50	1.529	1.352	1.188	1.047	0.934	0.847	0.776	0.706	0.623	0.513
3961	39.60	0.374	0.217	0.062	-0.065	-0.143	-0.165	-0.142	-0.095	-0.053	-0.038
3971	39.70	-0.058	-0.105	-0.162	-0.210	-0.237	-0.242	-0.232	-0.218	-0.209	-0.207
3981	39.80	-0.208	-0.208	-0.205	-0.199	-0.199	-0.212	-0.241	-0.283	-0.332	-0.377
3991	39.90	-0.412	-0.434	-0.448	-0.459	-0.474	-0.493	-0.516	-0.538	-0.555	-0.567

Table 7-23-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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	-0.576	-0.583	-0.589	-0.593	-0.586	-0.563	-0.520	-0.456	-0.380	-0.300
4011	40.10	-0.228	-0.169	-0.124	-0.089	-0.059	-0.027	0.009	0.050	0.096	0.145
4021	40.20	0.197	0.250	0.303	0.354	0.401	0.442	0.478	0.511	0.545	0.580
4031	40.30	0.614	0.644	0.666	0.674	0.678	0.692	0.733	0.814	0.942	1.107
4041	40.40	1.286	1.452	1.579	1.651	1.665	1.627	1.548	1.429	1.264	1.040
4051	40.50	0.749	0.393	-0.006	-0.410	-0.771	-1.049	-1.224	-1.303	-1.315	-1.300
4061	40.60	-1.294	-1.316	-1.365	-1.420	-1.455	-1.449	-1.392	-1.293	-1.170	-1.045
4071	40.70	-0.934	-0.844	-0.772	-0.706	-0.634	-0.550	-0.449	-0.339	-0.226	-0.122
4081	40.80	-0.034	0.034	0.084	0.124	0.159	0.197	0.235	0.268	0.284	0.270
4091	40.90	0.222	0.147	0.065	0.004	-0.007	0.049	0.175	0.351	0.550	0.742
4101	41.00	0.907	1.043	1.162	1.277	1.392	1.495	1.550	1.517	1.363	1.082
4111	41.10	0.705	0.290	-0.085	-0.354	-0.482	-0.476	-0.376	-0.242	-0.130	-0.067
4121	41.20	-0.052	-0.055	-0.041	0.013	0.105	0.207	0.279	0.285	0.213	0.077
4131	41.30	-0.089	-0.248	-0.374	-0.466	-0.545	-0.634	-0.749	-0.877	-0.984	-1.022
4141	41.40	-0.951	-0.757	-0.465	-0.129	0.186	0.428	0.573	0.631	0.637	0.632
4151	41.50	0.642	0.669	0.692	0.684	0.622	0.505	0.352	0.194	0.057	-0.044
4161	41.60	-0.118	-0.186	-0.273	-0.389	-0.527	-0.664	-0.770	-0.820	-0.813	-0.766
4171	41.70	-0.711	-0.683	-0.704	-0.774	-0.870	-0.953	-0.984	-0.933	-0.795	-0.585
4181	41.80	-0.338	-0.094	0.114	0.271	0.382	0.468	0.554	0.655	0.773	0.890
4191	41.90	0.976	1.003	0.958	0.845	0.692	0.536	0.407	0.325	0.285	0.267
4201	42.00	0.248	0.211	0.153	0.087	0.031	-0.004	-0.016	-0.020	-0.036	-0.079
4211	42.10	-0.154	-0.245	-0.329	-0.381	-0.382	-0.328	-0.222	-0.071	0.121	0.358
4221	42.20	0.639	0.955	1.277	1.560	1.752	1.809	1.711	1.471	1.130	0.746
4231	42.30	0.371	0.037	-0.252	-0.511	-0.766	-1.033	-1.312	-1.586	-1.824	-1.999
4241	42.40	-2.094	-2.106	-2.049	-1.942	-1.804	-1.645	-1.467	-1.262	-1.022	-0.739
4251	42.50	-0.417	-0.069	0.277	0.585	0.817	0.945	0.955	0.858	0.685	0.480
4261	42.60	0.290	0.145	0.057	0.016	-0.002	-0.022	-0.062	-0.123	-0.199	-0.278
4271	42.70	-0.354	-0.433	-0.523	-0.633	-0.759	-0.884	-0.979	-1.017	-0.979	-0.870
4281	42.80	-0.713	-0.545	-0.401	-0.304	-0.257	-0.245	-0.245	-0.236	-0.208	-0.161
4291	42.90	-0.108	-0.060	-0.024	0.004	0.030	0.066	0.116	0.177	0.240	0.294
4301	43.00	0.331	0.354	0.373	0.404	0.460	0.543	0.642	0.732	0.783	0.771
4311	43.10	0.685	0.538	0.360	0.189	0.056	-0.027	-0.071	-0.106	-0.166	-0.269
4321	43.20	-0.408	-0.550	-0.646	-0.655	-0.558	-0.368	-0.129	0.106	0.295	0.421
4331	43.30	0.499	0.561	0.639	0.742	0.857	0.948	0.975	0.917	0.784	0.607
4341	43.40	0.433	0.299	0.217	0.171	0.130	0.063	-0.037	-0.151	-0.240	-0.259
4351	43.50	-0.184	-0.021	0.194	0.405	0.563	0.642	0.650	0.624	0.612	0.653
4361	43.60	0.758	0.908	1.061	1.165	1.185	1.111	0.963	0.784	0.620	0.506
4371	43.70	0.453	0.448	0.460	0.456	0.415	0.336	0.236	0.142	0.076	0.043
4381	43.80	0.034	0.026	-0.001	-0.056	-0.124	-0.174	-0.167	-0.073	0.119	0.389
4391	43.90	0.698	0.996	1.233	1.379	1.420	1.364	1.233	1.055	0.859	0.670
4401	44.00	0.501	0.359	0.235	0.110	-0.040	-0.233	-0.473	-0.741	-1.001	-1.211
4411	44.10	-1.335	-1.362	-1.311	-1.224	-1.153	-1.138	-1.191	-1.295	-1.413	-1.506
4421	44.20	-1.555	-1.564	-1.561	-1.578	-1.634	-1.724	-1.818	-1.875	-1.859	-1.758
4431	44.30	-1.585	-1.371	-1.151	-0.947	-0.763	-0.587	-0.404	-0.206	-0.002	0.192
4441	44.40	0.355	0.484	0.587	0.692	0.822	0.987	1.173	1.344	1.457	1.478
4451	44.50	1.399	1.245	1.064	0.906	0.810	0.783	0.805	0.835	0.835	0.776
4461	44.60	0.655	0.486	0.293	0.096	-0.094	-0.280	-0.469	-0.668	-0.873	-1.070
4471	44.70	-1.241	-1.365	-1.431	-1.435	-1.384	-1.288	-1.159	-1.008	-0.845	-0.681
4481	44.80	-0.524	-0.379	-0.248	-0.122	0.012	0.166	0.346	0.563	0.737	0.902
4491	44.90	1.017	1.078	1.100	1.113	1.147	1.219	1.323	1.427	1.488	1.470

Table 7-23-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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	1.360	1.174	0.953	0.741	0.570	0.439	0.321	0.175	-0.035	-0.316
4511	45.10	-0.641	-0.956	-1.198	-1.320	-1.310	-1.191	-1.012	-0.830	-0.687	-0.600
4521	45.20	-0.558	-0.536	-0.502	-0.439	-0.338	-0.208	-0.058	0.101	0.262	0.418
4531	45.30	0.563	0.683	0.763	0.787	0.745	0.640	0.486	0.302	0.110	-0.073
4541	45.40	-0.239	-0.391	-0.535	-0.675	-0.815	-0.954	-1.088	-1.213	-1.322	-1.408
4551	45.50	-1.463	-1.478	-1.443	-1.356	-1.222	-1.055	-0.877	-0.711	-0.570	-0.460
4561	45.60	-0.370	-0.283	-0.183	-0.066	0.056	0.155	0.198	0.154	0.017	-0.198
4571	45.70	-0.449	-0.682	-0.844	-0.900	-0.841	-0.682	-0.456	-0.199	0.061	0.309
4581	45.80	0.543	0.767	0.979	1.169	1.318	1.403	1.408	1.332	1.186	0.995
4591	45.90	0.782	0.563	0.342	0.113	-0.129	-0.378	-0.613	-0.794	-0.876	-0.822
4601	46.00	-0.620	-0.287	0.130	0.568	0.961	1.260	1.443	1.511	1.489	1.405
4611	46.10	1.289	1.158	1.020	0.877	0.728	0.572	0.414	0.257	0.106	-0.036
4621	46.20	-0.166	-0.284	-0.385	-0.465	-0.517	-0.532	-0.501	-0.414	-0.262	-0.040
4631	46.30	0.249	0.592	0.959	1.303	1.569	1.704	1.671	1.463	1.108	0.663
4641	46.40	0.206	-0.190	-0.468	-0.606	-0.611	-0.518	-0.373	-0.218	-0.083	0.020
4651	46.50	0.091	0.140	0.181	0.222	0.271	0.329	0.396	0.469	0.543	0.611
4661	46.60	0.666	0.704	0.721	0.719	0.700	0.666	0.621	0.563	0.493	0.414
4671	46.70	0.330	0.250	0.177	0.114	0.055	-0.009	-0.085	-0.175	-0.273	-0.367
4681	46.80	-0.443	-0.497	-0.536	-0.580	-0.651	-0.766	-0.920	-1.086	-1.221	-1.279
4691	46.90	-1.227	-1.062	-0.811	-0.527	-0.266	-0.073	0.032	0.061	0.047	0.034
4701	47.00	0.056	0.130	0.248	0.387	0.510	0.588	0.602	0.549	0.444	0.313
4711	47.10	0.183	0.074	-0.006	-0.067	-0.128	-0.212	-0.338	-0.504	-0.693	-0.872
4721	47.20	-1.002	-1.052	-1.009	-0.880	-0.691	-0.474	-0.256	-0.053	0.131	0.302
4731	47.30	0.463	0.612	0.734	0.812	0.828	0.773	0.654	0.491	0.312	0.144
4741	47.40	0.009	-0.086	-0.142	-0.172	-0.192	-0.216	-0.254	-0.309	-0.377	-0.451
4751	47.50	-0.522	-0.586	-0.641	-0.692	-0.745	-0.803	-0.865	-0.923	-0.965	-0.983
4761	47.60	-0.976	-0.955	-0.941	-0.955	-1.010	-1.096	-1.190	-1.253	-1.252	-1.170
4771	47.70	-1.016	-0.823	-0.635	-0.489	-0.400	-0.353	-0.309	-0.223	-0.060	0.191
4781	47.80	0.509	0.848	1.154	1.379	1.495	1.500	1.414	1.274	1.116	0.973
4791	47.90	0.865	0.794	0.754	0.727	0.697	0.648	0.577	0.487	0.390	0.302
4801	48.00	0.232	0.182	0.149	0.124	0.100	0.076	0.062	0.071	0.113	0.190
4811	48.10	0.291	0.396	0.474	0.509	0.489	0.421	0.319	0.207	0.102	0.014
4821	48.20	-0.057	-0.117	-0.176	-0.240	-0.312	-0.391	-0.472	-0.548	-0.616	-0.673
4831	48.30	-0.725	-0.780	-0.851	-0.950	-1.084	-1.249	-1.428	-1.591	-1.706	-1.745
4841	48.40	-1.699	-1.576	-1.404	-1.218	-1.049	-0.914	-0.810	-0.717	-0.612	-0.479
4851	48.50	-0.316	-0.133	0.050	0.213	0.348	0.456	0.548	0.636	0.727	0.823
4861	48.60	0.919	1.010	1.094	1.174	1.254	1.334	1.407	1.458	1.470	1.432
4871	48.70	1.343	1.216	1.076	0.950	0.855	0.796	0.765	0.741	0.706	0.649
4881	48.80	0.571	0.483	0.399	0.331	0.279	0.236	0.185	0.115	0.019	-0.095
4891	48.90	-0.209	-0.304	-0.363	-0.381	-0.366	-0.337	-0.315	-0.317	-0.350	-0.406
4901	49.00	-0.468	-0.516	-0.538	-0.527	-0.490	-0.440	-0.391	-0.353	-0.327	-0.306
4911	49.10	-0.283	-0.251	-0.207	-0.156	-0.105	-0.063	-0.031	-0.008	0.011	0.032
4921	49.20	0.059	0.092	0.128	0.164	0.195	0.222	0.245	0.269	0.294	0.320
4931	49.30	0.347	0.371	0.391	0.406	0.416	0.422	0.425	0.427	0.432	0.442
4941	49.40	0.460	0.488	0.520	0.546	0.554	0.532	0.473	0.383	0.276	0.171
4951	49.50	0.087	0.032	-0.002	-0.031	-0.076	-0.152	-0.261	-0.385	-0.497	-0.567
4961	49.60	-0.576	-0.523	-0.424	-0.305	-0.195	-0.112	-0.060	-0.033	-0.020	-0.012
4971	49.70	-0.010	-0.018	-0.043	-0.087	-0.141	-0.192	-0.226	-0.235	-0.222	-0.201
4981	49.80	-0.190	-0.199	-0.229	-0.267	-0.295	-0.294	-0.257	-0.191	-0.111	-0.036
4991	49.90	0.022	0.063	0.096	0.134	0.188	0.259	0.335	0.402	0.446	0.459

Table 7-23-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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	0.445	0.412	0.367	0.316	0.258	0.190	0.111	0.025	-0.056	-0.128
5011	50.10	-0.181	-0.219	-0.253	-0.297	-0.362	-0.447	-0.541	-0.627	-0.688	-0.713
5021	50.20	-0.704	-0.667	-0.616	-0.557	-0.494	-0.426	-0.353	-0.279	-0.211	-0.157
5031	50.30	-0.120	-0.095	-0.066	-0.019	0.060	0.171	0.301	0.433	0.551	0.651
5041	50.40	0.745	0.852	0.989	1.156	1.336	1.493	1.590	1.597	1.510	1.351
5051	50.50	1.155	0.962	0.797	0.667	0.558	0.451	0.331	0.194	0.049	-0.088
5061	50.60	-0.206	-0.305	-0.392	-0.482	-0.581	-0.685	-0.779	-0.838	-0.867	-0.802
5071	50.70	-0.716	-0.612	-0.516	-0.441	-0.389	-0.343	-0.286	-0.201	-0.088	0.041
5081	50.80	0.160	0.245	0.278	0.257	0.191	0.100	0.004	-0.083	-0.152	-0.206
5091	50.90	-0.248	-0.284	-0.316	-0.345	-0.372	-0.397	-0.421	-0.446	-0.473	-0.501
5101	51.00	-0.527	-0.547	-0.560	-0.567	-0.573	-0.581	-0.596	-0.617	-0.638	-0.650
5111	51.10	-0.645	-0.618	-0.572	-0.519	-0.475	-0.452	-0.460	-0.494	-0.544	-0.592
5121	51.20	-0.624	-0.635	-0.629	-0.619	-0.619	-0.637	-0.669	-0.704	-0.727	-0.731
5131	51.30	-0.718	-0.700	-0.696	-0.719	-0.767	-0.821	-0.851	-0.830	-0.743	-0.600
5141	51.40	-0.427	-0.263	-0.134	-0.051	0.002	0.057	0.145	0.285	0.472	0.682
5151	51.50	0.881	1.042	1.158	1.243	1.324	1.425	1.557	1.709	1.854	1.962
5161	51.60	2.012	1.997	1.928	1.825	1.707	1.581	1.448	1.302	1.140	0.967
5171	51.70	0.797	0.644	0.517	0.414	0.324	0.231	0.126	0.009	-0.107	-0.206
5181	51.80	-0.274	-0.308	-0.316	-0.316	-0.322	-0.344	-0.381	-0.424	-0.461	-0.488
5191	51.90	-0.506	-0.522	-0.543	-0.573	-0.607	-0.636	-0.651	-0.649	-0.634	-0.615
5201	52.00	-0.602	-0.598	-0.605	-0.615	-0.625	-0.632	-0.641	-0.658	-0.689	-0.732
5211	52.10	-0.776	-0.807	-0.809	-0.775	-0.708	-0.621	-0.531	-0.454	-0.398	-0.362
5221	52.20	-0.339	-0.317	-0.291	-0.257	-0.218	-0.177	-0.139	-0.105	-0.073	-0.041
5231	52.30	-0.008	0.026	0.062	0.098	0.133	0.167	0.200	0.233	0.263	0.291
5241	52.40	0.317	0.342	0.369	0.399	0.433	0.470	0.506	0.540	0.572	0.606
5251	52.50	0.644	0.690	0.741	0.790	0.827	0.842	0.830	0.791	0.736	0.677
5261	52.60	0.629	0.599	0.587	0.585	0.586	0.580	0.564	0.542	0.518	0.497
5271	52.70	0.483	0.475	0.467	0.458	0.444	0.427	0.409	0.394	0.382	0.373
5281	52.80	0.363	0.352	0.339	0.325	0.312	0.303	0.296	0.287	0.273	0.249
5291	52.90	0.217	0.181	0.145	0.114	0.088	0.066	0.041	0.009	-0.030	-0.074
5301	53.00	-0.117	-0.155	-0.184	-0.208	-0.232	-0.262	-0.300	-0.345	-0.390	-0.430
5311	53.10	-0.459	-0.476	-0.486	-0.491	-0.497	-0.504	-0.511	-0.517	-0.522	-0.528
5321	53.20	-0.539	-0.556	-0.577	-0.598	-0.612	-0.617	-0.616	-0.617	-0.629	-0.656
5331	53.30	-0.695	-0.734	-0.762	-0.772	-0.767	-0.762	-0.775	-0.813	-0.869	-0.916
5341	53.40	-0.915	-0.836	-0.665	-0.420	-0.143	0.115	0.314	0.444	0.524	0.597
5351	53.50	0.703	0.862	1.062	1.261	1.404	1.448	1.376	1.207	0.982	0.753
5361	53.60	0.564	0.434	0.361	0.325	0.298	0.255	0.177	0.058	-0.102	-0.290
5371	53.70	-0.483	-0.650	-0.759	-0.783	-0.717	-0.576	-0.398	-0.226	-0.095	-0.015
5381	53.80	0.030	0.074	0.151	0.277	0.437	0.590	0.690	0.701	0.617	0.467
5391	53.90	0.298	0.156	0.072	0.045	0.053	0.065	0.054	0.013	-0.053	-0.127
5401	54.00	-0.197	-0.259	-0.318	-0.378	-0.441	-0.499	-0.540	-0.561	-0.565	-0.570
5411	54.10	-0.595	-0.653	-0.737	-0.826	-0.893	-0.918	-0.904	-0.873	-0.862	-0.896
5421	54.20	-0.979	-1.084	-1.162	-1.163	-1.062	-0.864	-0.613	-0.364	-0.169	-0.049
5431	54.30	0.004	0.024	0.051	0.109	0.199	0.301	0.387	0.440	0.459	0.464
5441	54.40	0.479	0.524	0.598	0.685	0.758	0.795	0.791	0.757	0.720	0.702
5451	54.50	0.718	0.761	0.814	0.852	0.859	0.835	0.790	0.744	0.713	0.704
5461	54.60	0.711	0.720	0.717	0.695	0.657	0.610	0.568	0.536	0.515	0.499
5471	54.70	0.479	0.451	0.414	0.375	0.341	0.316	0.297	0.278	0.253	0.215
5481	54.80	0.167	0.116	0.072	0.041	0.021	0.006	-0.015	-0.048	-0.093	-0.142
5491	54.90	-0.181	-0.203	-0.206	-0.200	-0.204	-0.234	-0.299	-0.395	-0.508	-0.619

Table 7-23-12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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	-0.716	-0.797	-0.873	-0.957	-1.058	-1.169	-1.269	-1.330	-1.325	-1.247
5511	55.10	-1.110	-0.948	-0.799	-0.698	-0.658	-0.667	-0.700	-0.726	-0.722	-0.682
5521	55.20	-0.618	-0.547	-0.486	-0.444	-0.417	-0.394	-0.363	-0.320	-0.266	-0.210
5531	55.30	-0.160	-0.122	-0.095	-0.073	-0.051	-0.025	0.005	0.038	0.071	0.104
5541	55.40	0.138	0.175	0.215	0.256	0.291	0.318	0.336	0.349	0.364	0.385
5551	55.50	0.416	0.452	0.487	0.513	0.528	0.536	0.545	0.561	0.587	0.619
5561	55.60	0.650	0.672	0.685	0.694	0.710	0.744	0.799	0.867	0.930	0.971
5571	55.70	0.972	0.931	0.857	0.766	0.679	0.608	0.555	0.516	0.480	0.439
5581	55.80	0.390	0.335	0.279	0.227	0.178	0.131	0.082	0.028	-0.028	-0.085
5591	55.90	-0.139	-0.189	-0.237	-0.286	-0.337	-0.389	-0.437	-0.478	-0.512	-0.541
5601	56.00	-0.574	-0.618	-0.672	-0.732	-0.785	-0.823	-0.842	-0.851	-0.864	-0.899
5611	56.10	-0.962	-1.043	-1.118	-1.153	-1.119	-1.007	-0.831	-0.624	-0.425	-0.267
5621	56.20	-0.162	-0.097	-0.047	0.017	0.114	0.242	0.387	0.524	0.636	0.713
5631	56.30	0.761	0.791	0.815	0.834	0.844	0.834	0.799	0.739	0.667	0.600
5641	56.40	0.551	0.526	0.520	0.520	0.509	0.481	0.437	0.387	0.342	0.312
5651	56.50	0.297	0.288	0.273	0.240	0.185	0.111	0.028	-0.052	-0.119	-0.168
5661	56.60	-0.199	-0.216	-0.223	-0.226	-0.230	-0.239	-0.260	-0.298	-0.352	-0.419
5671	56.70	-0.488	-0.544	-0.572	-0.559	-0.498	-0.392	-0.247	-0.075	0.112	0.302
5681	56.80	0.482	0.635	0.744	0.792	0.768	0.673	0.518	0.329	0.135	-0.037
5691	56.90	-0.173	-0.273	-0.346	-0.410	-0.475	-0.540	-0.594	-0.618	-0.597	-0.524
5701	57.00	-0.408	-0.268	-0.128	-0.003	0.101	0.191	0.281	0.380	0.488	0.595
5711	57.10	0.680	0.725	0.721	0.670	0.590	0.502	0.425	0.368	0.327	0.290
5721	57.20	0.241	0.172	0.082	-0.021	-0.122	-0.207	-0.268	-0.303	-0.319	-0.326
5731	57.30	-0.333	-0.351	-0.383	-0.430	-0.490	-0.557	-0.626	-0.691	-0.748	-0.797
5741	57.40	-0.840	-0.883	-0.933	-0.993	-1.062	-1.134	-1.199	-1.243	-1.254	-1.225
5751	57.50	-1.157	-1.053	-0.925	-0.783	-0.637	-0.494	-0.356	-0.223	-0.095	0.031
5761	57.60	0.154	0.271	0.377	0.468	0.543	0.602	0.652	0.701	0.755	0.818
5771	57.70	0.890	0.965	1.034	1.087	1.118	1.122	1.100	1.052	0.981	0.893
5781	57.80	0.792	0.684	0.574	0.464	0.352	0.231	0.093	-0.069	-0.252	-0.440
5791	57.90	-0.608	-0.730	-0.784	-0.764	-0.684	-0.572	-0.461	-0.373	-0.314	-0.272
5801	58.00	-0.223	-0.145	-0.030	0.112	0.256	0.376	0.453	0.486	0.489	0.487
5811	58.10	0.500	0.536	0.590	0.648	0.697	0.729	0.752	0.774	0.805	0.845
5821	58.20	0.883	0.904	0.892	0.845	0.773	0.695	0.629	0.587	0.566	0.553
5831	58.30	0.528	0.478	0.399	0.295	0.180	0.065	-0.045	-0.150	-0.258	-0.373
5841	58.40	-0.494	-0.616	-0.727	-0.818	-0.882	-0.918	-0.929	-0.918	-0.887	-0.837
5851	58.50	-0.772	-0.698	-0.623	-0.560	-0.516	-0.497	-0.497	-0.507	-0.515	-0.512
5861	58.60	-0.496	-0.471	-0.446	-0.426	-0.417	-0.414	-0.413	-0.408	-0.397	-0.379
5871	58.70	-0.359	-0.342	-0.330	-0.322	-0.317	-0.310	-0.299	-0.284	-0.268	-0.251
5881	58.80	-0.237	-0.226	-0.215	-0.204	-0.192	-0.177	-0.161	-0.144	-0.126	-0.107
5891	58.90	-0.087	-0.067	-0.046	-0.027	-0.011	0.002	0.012	0.021	0.031	0.042
5901	59.00	0.056	0.070	0.083	0.093	0.099	0.102	0.105	0.109	0.116	0.127
5911	59.10	0.139	0.152	0.162	0.169	0.175	0.180	0.187	0.197	0.210	0.225
5921	59.20	0.239	0.249	0.256	0.259	0.260	0.262	0.263	0.264	0.261	0.253
5931	59.30	0.240	0.224	0.214	0.215	0.234	0.273	0.326	0.388	0.449	0.502
5941	59.40	0.544	0.573	0.593	0.602	0.602	0.587	0.554	0.501	0.431	0.351
5951	59.50	0.272	0.206	0.155	0.127	0.116	0.114	0.112	0.103	0.084	0.055
5961	59.60	0.020	-0.015	-0.048	-0.078	-0.101	-0.125	-0.151	-0.182	-0.218	-0.260
5971	59.70	-0.304	-0.350	-0.397	-0.443	-0.489	-0.534	-0.579	-0.620	-0.655	-0.685
5981	59.80	-0.711	-0.736	-0.767	-0.808	-0.859	-0.916	-0.964	-0.990	-0.977	-0.920
5991	59.90	-0.821	-0.693	-0.557	-0.434	-0.342	-0.284	-0.257	-0.249	-0.245	-0.233

Table 7-23-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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	-0.208	-0.172	-0.128	-0.084	-0.043	-0.008	0.020	0.041	0.056	0.067
6011	60.10	0.074	0.083	0.097	0.122	0.159	0.208	0.263	0.318	0.366	0.406
6021	60.20	0.439	0.470	0.505	0.546	0.594	0.645	0.695	0.740	0.780	0.819
6031	60.30	0.860	0.907	0.959	1.013	1.060	1.093	1.107	1.101	1.078	1.045
6041	60.40	1.012	0.983	0.961	0.943	0.926	0.902	0.869	0.825	0.775	0.723
6051	60.50	0.673	0.627	0.586	0.545	0.501	0.452	0.399	0.344	0.294	0.248
6061	60.60	0.207	0.164	0.112	0.046	-0.036	-0.123	-0.212	-0.291	-0.355	-0.404
6071	60.70	-0.441	-0.475	-0.508	-0.543	-0.575	-0.599	-0.615	-0.627	-0.644	-0.677
6081	60.80	-0.733	-0.811	-0.901	-0.986	-1.052	-1.089	-1.097	-1.085	-1.065	-1.046
6091	60.90	-1.032	-1.021	-1.009	-0.989	-0.960	-0.926	-0.891	-0.858	-0.828	-0.794
6101	61.00	-0.751	-0.694	-0.623	-0.543	-0.458	-0.377	-0.300	-0.225	-0.150	-0.069
6111	61.10	0.017	0.107	0.196	0.281	0.362	0.438	0.508	0.572	0.623	0.654
6121	61.20	0.660	0.638	0.590	0.526	0.456	0.389	0.332	0.289	0.260	0.243
6131	61.30	0.234	0.226	0.209	0.174	0.111	0.024	-0.073	-0.152	-0.180	-0.132
6141	61.40	0.001	0.201	0.428	0.627	0.753	0.781	0.720	0.604	0.480	0.388
6151	61.50	0.347	0.345	0.352	0.330	0.257	0.130	-0.031	-0.193	-0.325	-0.414
6161	61.60	-0.466	-0.501	-0.547	-0.617	-0.712	-0.817	-0.906	-0.959	-0.965	-0.927
6171	61.70	-0.862	-0.787	-0.718	-0.661	-0.615	-0.573	-0.530	-0.482	-0.432	-0.383
6181	61.80	-0.340	-0.304	-0.273	-0.244	-0.212	-0.175	-0.132	-0.085	-0.036	0.012
6191	61.90	0.058	0.101	0.143	0.184	0.227	0.275	0.328	0.387	0.452	0.520
6201	62.00	0.589	0.653	0.711	0.761	0.803	0.839	0.868	0.889	0.900	0.897
6211	62.10	0.879	0.848	0.808	0.766	0.729	0.700	0.681	0.668	0.658	0.644
6221	62.20	0.626	0.602	0.576	0.551	0.531	0.515	0.500	0.483	0.460	0.433
6231	62.30	0.401	0.370	0.343	0.320	0.302	0.286	0.261	0.232	0.195	0.152
6241	62.40	0.107	0.063	0.022	-0.016	-0.053	-0.090	-0.126	-0.160	-0.188	-0.209
6251	62.50	-0.224	-0.235	-0.246	-0.263	-0.288	-0.318	-0.349	-0.377	-0.396	-0.408
6261	62.60	-0.413	-0.418	-0.427	-0.440	-0.458	-0.477	-0.493	-0.505	-0.514	-0.524
6271	62.70	-0.537	-0.555	-0.574	-0.593	-0.606	-0.615	-0.624	-0.638	-0.663	-0.703
6281	62.80	-0.753	-0.801	-0.832	-0.835	-0.802	-0.736	-0.649	-0.559	-0.482	-0.428
6291	62.90	-0.401	-0.395	-0.399	-0.403	-0.400	-0.386	-0.365	-0.339	-0.312	-0.286
6301	63.00	-0.262	-0.236	-0.209	-0.181	-0.153	-0.126	-0.103	-0.084	-0.069	-0.055
6311	63.10	-0.044	-0.033	-0.022	-0.010	0.004	0.020	0.040	0.061	0.083	0.102
6321	63.20	0.117	0.130	0.144	0.163	0.187	0.217	0.248	0.273	0.283	0.275
6331	63.30	0.248	0.209	0.166	0.130	0.105	0.095	0.095	0.100	0.107	0.112
6341	63.40	0.115	0.117	0.120	0.124	0.125	0.123	0.114	0.100	0.083	0.067
6351	63.50	0.055	0.047	0.043	0.038	0.030	0.018	0.004	-0.009	-0.019	-0.022
6361	63.60	-0.019	-0.013	-0.009	-0.008	-0.010	-0.013	-0.013	-0.004	0.016	0.048
6371	63.70	0.089	0.135	0.181	0.221	0.252	0.273	0.286	0.292	0.295	0.298
6381	63.80	0.304	0.313	0.323	0.331	0.335	0.332	0.322	0.306	0.287	0.270
6391	63.90	0.257	0.249	0.245	0.242	0.238	0.230	0.219	0.206	0.195	0.185
6401	64.00	0.179	0.174	0.168	0.160	0.149	0.137	0.126	0.119	0.118	0.123
6411	64.10	0.131	0.139	0.145	0.145	0.143	0.139	0.137	0.138	0.142	0.147
6421	64.20	0.150	0.149	0.143	0.137	0.135	0.143	0.164	0.197	0.239	0.283
6431	64.30	0.322	0.352	0.374	0.391	0.407	0.429	0.457	0.490	0.525	0.555
6441	64.40	0.578	0.594	0.608	0.626	0.655	0.695	0.744	0.790	0.822	0.828
6451	64.50	0.800	0.739	0.652	0.550	0.447	0.350	0.262	0.180	0.099	0.015
6461	64.60	-0.070	-0.152	-0.224	-0.280	-0.320	-0.352	-0.389	-0.443	-0.523	-0.630
6471	64.70	-0.754	-0.880	-0.995	-1.085	-1.148	-1.187	-1.210	-1.223	-1.231	-1.233
6481	64.80	-1.224	-1.201	-1.161	-1.105	-1.037	-0.964	-0.889	-0.815	-0.742	-0.671
6491	64.90	-0.604	-0.543	-0.491	-0.450	-0.419	-0.395	-0.374	-0.351	-0.324	-0.292

Table 7-23-14 TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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)
6501	65.00	-0.258	-0.226	-0.197	-0.173	-0.150	-0.127	-0.103	-0.076	-0.050	-0.027
6511	65.10	-0.009	0.001	0.006	0.009	0.015	0.028	0.049	0.079	0.115	0.153
6521	65.20	0.187	0.217	0.241	0.263	0.285	0.311	0.343	0.379	0.417	0.451
6531	65.30	0.481	0.505	0.528	0.555	0.589	0.631	0.677	0.723	0.761	0.789
6541	65.40	0.807	0.819	0.832	0.850	0.873	0.894	0.905	0.898	0.870	0.822
6551	65.50	0.761	0.697	0.638	0.588	0.545	0.503	0.457	0.401	0.336	0.266
6561	65.60	0.198	0.140	0.094	0.060	0.034	0.007	-0.027	-0.073	-0.132	-0.200
6571	65.70	-0.270	-0.335	-0.391	-0.440	-0.488	-0.541	-0.605	-0.681	-0.763	-0.843
6581	65.80	-0.912	-0.967	-1.013	-1.059	-1.117	-1.193	-1.280	-1.360	-1.409	-1.406
6591	65.90	-1.340	-1.219	-1.068	-0.918	-0.795	-0.712	-0.662	-0.626	-0.579	-0.502
6601	66.00	-0.391	-0.257	-0.123	-0.010	0.067	0.106	0.113	0.100	0.078	0.050
6611	66.10	0.017	-0.024	-0.074	-0.132	-0.192	-0.252	-0.311	-0.373	-0.439	-0.508
6621	66.20	-0.572	-0.614	-0.617	-0.569	-0.467	-0.326	-0.169	-0.025	0.085	0.155
6631	66.30	0.193	0.219	0.253	0.311	0.391	0.483	0.565	0.620	0.638	0.624
6641	66.40	0.595	0.573	0.576	0.613	0.683	0.769	0.851	0.911	0.935	0.922
6651	66.50	0.879	0.816	0.747	0.681	0.622	0.570	0.523	0.477	0.430	0.383
6661	66.60	0.334	0.284	0.231	0.175	0.114	0.053	-0.001	-0.042	-0.063	-0.064
6671	66.70	-0.049	-0.028	-0.014	-0.019	-0.045	-0.092	-0.149	-0.206	-0.253	-0.287
6681	66.80	-0.306	-0.315	-0.316	-0.313	-0.304	-0.290	-0.273	-0.259	-0.256	-0.274
6691	66.90	-0.317	-0.382	-0.457	-0.524	-0.563	-0.564	-0.524	-0.452	-0.366	-0.285
6701	67.00	-0.223	-0.187	-0.176	-0.179	-0.186	-0.189	-0.183	-0.169	-0.149	-0.127
6711	67.10	-0.107	-0.089	-0.074	-0.059	-0.045	-0.030	-0.013	0.005	0.026	0.049
6721	67.20	0.075	0.103	0.130	0.156	0.181	0.204	0.228	0.253	0.278	0.302
6731	67.30	0.323	0.339	0.350	0.359	0.370	0.386	0.409	0.435	0.460	0.478
6741	67.40	0.486	0.482	0.469	0.452	0.436	0.424	0.418	0.415	0.412	0.407
6751	67.50	0.398	0.388	0.376	0.364	0.354	0.345	0.337	0.328	0.320	0.312
6761	67.60	0.306	0.302	0.299	0.297	0.295	0.293	0.293	0.293	0.293	0.291
6771	67.70	0.282	0.264	0.238	0.206	0.173	0.145	0.123	0.108	0.094	0.076
6781	67.80	0.048	0.010	-0.036	-0.082	-0.122	-0.153	-0.178	-0.200	-0.228	-0.263
6791	67.90	-0.307	-0.354	-0.398	-0.436	-0.469	-0.503	-0.546	-0.601	-0.667	-0.736
6801	68.00	-0.791	-0.820	-0.811	-0.764	-0.684	-0.583	-0.476	-0.371	-0.275	-0.186
6811	68.10	-0.104	-0.024	0.055	0.135	0.218	0.304	0.397	0.495	0.599	0.705
6821	68.20	0.810	0.912	1.010	1.111	1.216	1.328	1.440	1.542	1.617	1.653
6831	68.30	1.665	1.597	1.525	1.446	1.373	1.311	1.252	1.183	1.095	0.986
6841	68.40	0.868	0.760	0.679	0.633	0.614	0.600	0.564	0.487	0.366	0.215
6851	68.50	0.059	-0.076	-0.178	-0.254	-0.325	-0.420	-0.558	-0.739	-0.948	-1.153
6861	68.60	-1.325	-1.450	-1.531	-1.588	-1.647	-1.726	-1.826	-1.931	-2.012	-2.041
6871	68.70	-2.004	-1.904	-1.764	-1.613	-1.480	-1.383	-1.324	-1.289	-1.258	-1.213
6881	68.80	-1.140	-1.038	-0.914	-0.783	-0.660	-0.559	-0.488	-0.451	-0.442	-0.451
6891	68.90	-0.465	-0.472	-0.464	-0.439	-0.402	-0.360	-0.324	-0.299	-0.286	-0.280
6901	69.00	-0.274	-0.260	-0.237	-0.205	-0.173	-0.146	-0.129	-0.122	-0.122	-0.121
6911	69.10	-0.116	-0.103	-0.085	-0.067	-0.053	-0.044	-0.041	-0.040	-0.036	-0.028
6921	69.20	-0.017	-0.004	0.007	0.013	0.015	0.016	0.022	0.034	0.054	0.082
6931	69.30	0.111	0.139	0.162	0.181	0.197	0.216	0.237	0.260	0.280	0.290
6941	69.40	0.285	0.265	0.235	0.207	0.193	0.204	0.245	0.310	0.386	0.458
6951	69.50	0.511	0.537	0.535	0.514	0.485	0.458	0.439	0.428	0.419	0.407
6961	69.60	0.389	0.363	0.334	0.307	0.285	0.270	0.258	0.246	0.231	0.213
6971	69.70	0.191	0.168	0.148	0.131	0.116	0.102	0.087	0.068	0.048	0.027
6981	69.80	0.008	-0.008	-0.021	-0.031	-0.041	-0.051	-0.063	-0.076	-0.090	-0.104
6991	69.90	-0.118	-0.132	-0.145	-0.157	-0.170	-0.185	-0.202	-0.223	-0.244	-0.264

Table 7-23-15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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)
7001	70.00	-0.278	-0.283	-0.276	-0.259	-0.236	-0.212	-0.190	-0.174	-0.162	-0.154
7011	70.10	-0.146	-0.140	-0.136	-0.139	-0.151	-0.173	-0.202	-0.233	-0.259	-0.275
7021	70.20	-0.282	-0.281	-0.277	-0.276	-0.280	-0.288	-0.296	-0.298	-0.288	-0.262
7031	70.30	-0.216	-0.149	-0.063	0.040	0.155	0.274	0.389	0.493	0.582	0.656
7041	70.40	0.722	0.784	0.849	0.915	0.976	1.024	1.046	1.038	1.002	0.947
7051	70.50	0.886	0.832	0.792	0.766	0.750	0.734	0.714	0.686	0.654	0.621
7061	70.60	0.591	0.566	0.542	0.515	0.484	0.448	0.411	0.379	0.357	0.346
7071	70.70	0.344	0.346	0.347	0.344	0.336	0.324	0.311	0.299	0.289	0.279
7081	70.80	0.270	0.260	0.251	0.242	0.235	0.227	0.218	0.207	0.194	0.180
7091	70.90	0.166	0.155	0.145	0.136	0.124	0.109	0.089	0.067	0.045	0.023
7101	71.00	0.002	-0.020	-0.045	-0.074	-0.104	-0.129	-0.143	-0.142	-0.125	-0.100
7111	71.10	-0.074	-0.058	-0.057	-0.073	-0.102	-0.139	-0.180	-0.223	-0.269	-0.319
7121	71.20	-0.369	-0.411	-0.435	-0.430	-0.391	-0.321	-0.232	-0.139	-0.060	-0.006
7131	71.30	0.020	0.027	0.025	0.028	0.044	0.076	0.120	0.167	0.212	0.250
7141	71.40	0.282	0.312	0.345	0.385	0.433	0.485	0.535	0.577	0.603	0.608
7151	71.50	0.587	0.540	0.466	0.368	0.249	0.115	-0.028	-0.170	-0.300	-0.406
7161	71.60	-0.479	-0.516	-0.519	-0.499	-0.471	-0.449	-0.444	-0.460	-0.492	-0.528
7171	71.70	-0.557	-0.571	-0.569	-0.557	-0.548	-0.549	-0.566	-0.596	-0.631	-0.663
7181	71.80	-0.688	-0.705	-0.718	-0.735	-0.759	-0.789	-0.822	-0.851	-0.875	-0.895
7191	71.90	-0.915	-0.943	-0.981	-1.025	-1.066	-1.095	-1.106	-1.100	-1.086	-1.075
7201	72.00	-1.078	-1.097	-1.126	-1.153	-1.168	-1.167	-1.156	-1.150	-1.162	-1.199
7211	72.10	-1.253	-1.304	-1.324	-1.291	-1.195	-1.048	-0.874	-0.707	-0.572	-0.483
7221	72.20	-0.435	-0.412	-0.392	-0.359	-0.310	-0.249	-0.186	-0.130	-0.079	-0.026
7231	72.30	0.041	0.129	0.237	0.352	0.459	0.543	0.600	0.636	0.665	0.704
7241	72.40	0.762	0.839	0.923	1.004	1.073	1.132	1.190	1.260	1.347	1.445
7251	72.50	1.534	1.589	1.589	1.525	1.407	1.259	1.108	0.976	0.871	0.783
7261	72.60	0.697	0.594	0.469	0.327	0.181	0.045	-0.075	-0.182	-0.287	-0.395
7271	72.70	-0.506	-0.602	-0.659	-0.652	-0.571	-0.425	-0.240	-0.052	0.107	0.223
7281	72.80	0.304	0.371	0.452	0.564	0.707	0.863	1.002	1.100	1.140	1.125
7291	72.90	1.071	0.997	0.923	0.856	0.796	0.736	0.668	0.590	0.505	0.423
7301	73.00	0.350	0.293	0.251	0.223	0.201	0.179	0.153	0.119	0.077	0.028
7311	73.10	-0.026	-0.081	-0.131	-0.177	-0.219	-0.265	-0.324	-0.401	-0.498	-0.604
7321	73.20	-0.701	-0.768	-0.786	-0.751	-0.669	-0.560	-0.448	-0.355	-0.290	-0.251
7331	73.30	-0.226	-0.202	-0.170	-0.128	-0.080	-0.035	0.003	0.034	0.063	0.098
7341	73.40	0.143	0.195	0.245	0.287	0.313	0.325	0.331	0.341	0.365	0.406
7351	73.50	0.460	0.517	0.567	0.606	0.631	0.648	0.662	0.678	0.697	0.715
7361	73.60	0.727	0.728	0.716	0.695	0.666	0.635	0.602	0.568	0.532	0.494
7371	73.70	0.455	0.417	0.383	0.352	0.324	0.295	0.264	0.228	0.187	0.146
7381	73.80	0.107	0.072	0.042	0.014	-0.012	-0.041	-0.072	-0.105	-0.138	-0.169
7391	73.90	-0.198	-0.228	-0.259	-0.293	-0.331	-0.370	-0.409	-0.445	-0.477	-0.506
7401	74.00	-0.534	-0.563	-0.593	-0.624	-0.656	-0.686	-0.715	-0.742	-0.771	-0.802
7411	74.10	-0.837	-0.876	-0.917	-0.956	-0.991	-1.020	-1.041	-1.053	-1.055	-1.049
7421	74.20	-1.033	-1.006	-0.971	-0.928	-0.881	-0.834	-0.788	-0.747	-0.711	-0.679
7431	74.30	-0.649	-0.620	-0.589	-0.556	-0.520	-0.482	-0.440	-0.396	-0.352	-0.308
7441	74.40	-0.266	-0.229	-0.196	-0.168	-0.141	-0.116	-0.091	-0.067	-0.044	-0.023
7451	74.50	-0.006	0.009	0.024	0.041	0.061	0.083	0.106	0.125	0.138	0.146
7461	74.60	0.151	0.158	0.169	0.187	0.207	0.225	0.233	0.230	0.214	0.194
7471	74.70	0.179	0.176	0.190	0.222	0.264	0.310	0.352	0.386	0.414	0.439
7481	74.80	0.465	0.493	0.524	0.557	0.590	0.624	0.658	0.694	0.728	0.759
7491	74.90	0.781	0.792	0.792	0.790	0.794	0.813	0.850	0.900	0.951	0.987

Table 7-23-16 TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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)
7501	75.00	0.996	0.976	0.933	0.881	0.834	0.802	0.782	0.766	0.741	0.699
7511	75.10	0.640	0.572	0.509	0.463	0.436	0.423	0.414	0.398	0.368	0.328
7521	75.20	0.287	0.253	0.229	0.208	0.179	0.128	0.053	-0.039	-0.129	-0.195
7531	75.30	-0.219	-0.199	-0.145	-0.081	-0.033	-0.019	-0.047	-0.108	-0.186	-0.263
7541	75.40	-0.327	-0.373	-0.407	-0.435	-0.464	-0.497	-0.532	-0.563	-0.588	-0.605
7551	75.50	-0.615	-0.622	-0.632	-0.647	-0.668	-0.694	-0.725	-0.757	-0.789	-0.818
7561	75.60	-0.843	-0.864	-0.884	-0.908	-0.939	-0.977	-1.021	-1.060	-1.084	-1.083
7571	75.70	-1.051	-0.990	-0.911	-0.830	-0.760	-0.710	-0.680	-0.662	-0.644	-0.615
7581	75.80	-0.570	-0.511	-0.443	-0.377	-0.318	-0.270	-0.231	-0.197	-0.164	-0.129
7591	75.90	-0.092	-0.055	-0.020	0.013	0.044	0.076	0.112	0.152	0.197	0.245
7601	76.00	0.293	0.338	0.378	0.414	0.446	0.477	0.508	0.541	0.577	0.613
7611	76.10	0.647	0.675	0.695	0.704	0.706	0.703	0.698	0.693	0.689	0.682
7621	76.20	0.666	0.639	0.600	0.551	0.501	0.456	0.421	0.397	0.380	0.362
7631	76.30	0.338	0.305	0.264	0.222	0.184	0.156	0.137	0.121	0.101	0.070
7641	76.40	0.025	-0.032	-0.093	-0.152	-0.203	-0.247	-0.288	-0.331	-0.379	-0.433
7651	76.50	-0.485	-0.526	-0.547	-0.545	-0.522	-0.485	-0.445	-0.408	-0.378	-0.354
7661	76.60	-0.329	-0.299	-0.260	-0.215	-0.170	-0.131	-0.102	-0.083	-0.070	-0.056
7671	76.70	-0.039	-0.015	0.013	0.041	0.065	0.085	0.105	0.128	0.160	0.202
7681	76.80	0.252	0.305	0.354	0.396	0.429	0.458	0.487	0.522	0.566	0.618
7691	76.90	0.673	0.726	0.768	0.796	0.809	0.807	0.795	0.776	0.754	0.732
7701	77.00	0.706	0.674	0.630	0.568	0.486	0.383	0.267	0.145	0.028	-0.076
7711	77.10	-0.166	-0.247	-0.328	-0.420	-0.527	-0.644	-0.758	-0.846	-0.887	-0.865
7721	77.20	-0.779	-0.644	-0.484	-0.329	-0.200	-0.107	-0.046	-0.002	0.039	0.086
7731	77.30	0.137	0.178	0.192	0.169	0.108	0.024	-0.061	-0.127	-0.164	-0.178
7741	77.40	-0.186	-0.211	-0.269	-0.361	-0.473	-0.582	-0.667	-0.724	-0.762	-0.802
7751	77.50	-0.867	-0.963	-1.075	-1.170	-1.203	-1.140	-0.970	-0.708	-0.393	-0.071
7761	77.60	0.219	0.458	0.647	0.802	0.937	1.057	1.154	1.209	1.208	1.149
7771	77.70	1.046	0.926	0.820	0.749	0.715	0.708	0.706	0.690	0.650	0.592
7781	77.80	0.528	0.474	0.439	0.421	0.411	0.398	0.373	0.335	0.290	0.247
7791	77.90	0.211	0.181	0.152	0.116	0.070	0.013	-0.047	-0.101	-0.141	-0.164
7801	78.00	-0.170	-0.167	-0.162	-0.160	-0.164	-0.174	-0.186	-0.199	-0.212	-0.223
7811	78.10	-0.234	-0.245	-0.258	-0.271	-0.284	-0.297	-0.309	-0.320	-0.329	-0.340
7821	78.20	-0.354	-0.376	-0.407	-0.447	-0.492	-0.534	-0.567	-0.587	-0.591	-0.585
7831	78.30	-0.575	-0.567	-0.565	-0.569	-0.579	-0.591	-0.608	-0.630	-0.661	-0.697
7841	78.40	-0.731	-0.748	-0.736	-0.687	-0.606	-0.510	-0.424	-0.371	-0.360	-0.384
7851	78.50	-0.419	-0.432	-0.398	-0.307	-0.172	-0.021	0.114	0.208	0.256	0.272
7861	78.60	0.281	0.311	0.373	0.464	0.562	0.640	0.675	0.654	0.584	0.481
7871	78.70	0.368	0.262	0.173	0.100	0.037	-0.020	-0.074	-0.119	-0.146	-0.146
7881	78.80	-0.112	-0.044	0.050	0.155	0.258	0.345	0.409	0.449	0.472	0.487
7891	78.90	0.503	0.527	0.557	0.585	0.600	0.591	0.555	0.492	0.414	0.336
7901	79.00	0.271	0.229	0.211	0.213	0.225	0.237	0.241	0.236	0.222	0.202
7911	79.10	0.179	0.152	0.124	0.092	0.055	0.016	-0.027	-0.071	-0.115	-0.157
7921	79.20	-0.194	-0.222	-0.235	-0.231	-0.207	-0.169	-0.124	-0.081	-0.049	-0.032
7931	79.30	-0.031	-0.041	-0.054	-0.065	-0.071	-0.071	-0.068	-0.065	-0.064	-0.065
7941	79.40	-0.068	-0.069	-0.070	-0.069	-0.067	-0.066	-0.066	-0.067	-0.068	-0.069
7951	79.50	-0.069	-0.069	-0.069	-0.069	-0.070	-0.069	-0.068	-0.067	-0.067	-0.068
7961	79.60	-0.070	-0.074	-0.076	-0.074	-0.068	-0.058	-0.043	-0.026	-0.009	0.009
7971	79.70	0.027	0.043	0.057	0.067	0.072	0.072	0.067	0.062	0.057	0.055
7981	79.80	0.055	0.054	0.051	0.046	0.043	0.049	0.072	0.116	0.177	0.248
7991	79.90	0.313	0.359	0.375	0.360	0.322	0.273	0.229	0.197	0.180	0.174

Table 7-23-17 TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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)
8001	80.00	0.172	0.167	0.155	0.138	0.120	0.104	0.093	0.084	0.076	0.064
8011	80.10	0.051	0.037	0.028	0.028	0.036	0.051	0.066	0.075	0.073	0.059
8021	80.20	0.036	0.009	-0.019	-0.044	-0.066	-0.086	-0.106	-0.127	-0.147	-0.166
8031	80.30	-0.184	-0.199	-0.212	-0.221	-0.223	-0.218	-0.206	-0.184	-0.164	-0.156
8041	80.40	-0.168	-0.207	-0.272	-0.351	-0.430	-0.489	-0.515	-0.504	-0.460	-0.399
8051	80.50	-0.337	-0.288	-0.262	-0.257	-0.266	-0.279	-0.288	-0.288	-0.281	-0.268
8061	80.60	-0.254	-0.242	-0.231	-0.221	-0.209	-0.197	-0.183	-0.170	-0.160	-0.151
8071	80.70	-0.143	-0.135	-0.125	-0.114	-0.103	-0.093	-0.083	-0.075	-0.066	-0.056
8081	80.80	-0.044	-0.032	-0.020	-0.013	-0.010	-0.012	-0.017	-0.021	-0.025	-0.025
8091	80.90	-0.023	-0.019	-0.016	-0.013	-0.012	-0.012	-0.012	-0.011	-0.010	-0.009
8101	81.00	-0.007	-0.005	-0.003	-0.001	0.001	0.001	0.001	0.001	0.001	0.003
8111	81.10	0.008	0.017	0.028	0.041	0.054	0.066	0.077	0.087	0.096	0.105
8121	81.20	0.113	0.122	0.130	0.139	0.148	0.158	0.171	0.185	0.202	0.219
8131	81.30	0.237	0.255	0.273	0.290	0.307	0.322	0.335	0.346	0.357	0.368
8141	81.40	0.383	0.401	0.422	0.442	0.456	0.461	0.452	0.431	0.401	0.369
8151	81.50	0.341	0.321	0.309	0.304	0.301	0.297	0.291	0.282	0.272	0.262
8161	81.60	0.254	0.246	0.239	0.231	0.222	0.212	0.203	0.195	0.189	0.183
8171	81.70	0.176	0.168	0.159	0.149	0.141	0.135	0.130	0.124	0.115	0.100
8181	81.80	0.081	0.058	0.035	0.015	-0.001	-0.013	-0.025	-0.039	-0.057	-0.079
8191	81.90	-0.102	-0.119	-0.127	-0.122	-0.104	-0.078	-0.050	-0.024	-0.007	0.002
8201	82.00	0.005	0.006	0.010	0.020	0.036	0.055	0.073	0.087	0.095	0.101
8211	82.10	0.110	0.125	0.149	0.178	0.204	0.219	0.213	0.183	0.132	0.068
8221	82.20	0.002	-0.057	-0.102	-0.135	-0.160	-0.184	-0.213	-0.249	-0.290	-0.332
8231	82.30	-0.372	-0.406	-0.434	-0.458	-0.478	-0.496	-0.511	-0.523	-0.532	-0.541
8241	82.40	-0.553	-0.571	-0.597	-0.628	-0.657	-0.676	-0.680	-0.666	-0.637	-0.599
8251	82.50	-0.562	-0.533	-0.513	-0.502	-0.493	-0.482	-0.465	-0.445	-0.424	-0.408
8261	82.60	-0.400	-0.400	-0.405	-0.411	-0.412	-0.408	-0.400	-0.391	-0.384	-0.380
8271	82.70	-0.379	-0.377	-0.373	-0.366	-0.352	-0.338	-0.325	-0.313	-0.303	-0.294
8281	82.80	-0.287	-0.278	-0.270	-0.262	-0.253	-0.244	-0.230	-0.212	-0.187	-0.157
8291	82.90	-0.124	-0.092	-0.064	-0.042	-0.024	-0.007	0.012	0.035	0.061	0.089
8301	83.00	0.115	0.139	0.159	0.177	0.195	0.216	0.239	0.267	0.298	0.333
8311	83.10	0.374	0.421	0.473	0.527	0.581	0.628	0.667	0.697	0.722	0.750
8321	83.20	0.786	0.833	0.887	0.939	0.977	0.991	0.974	0.930	0.870	0.806
8331	83.30	0.751	0.714	0.695	0.688	0.686	0.680	0.666	0.644	0.619	0.594
8341	83.40	0.574	0.558	0.546	0.532	0.516	0.496	0.473	0.449	0.428	0.409
8351	83.50	0.392	0.375	0.357	0.336	0.313	0.291	0.270	0.251	0.234	0.217
8361	83.60	0.198	0.175	0.151	0.125	0.101	0.080	0.061	0.043	0.025	0.004
8371	83.70	-0.019	-0.045	-0.071	-0.095	-0.117	-0.137	-0.157	-0.180	-0.206	-0.234
8381	83.80	-0.262	-0.287	-0.305	-0.317	-0.325	-0.332	-0.342	-0.358	-0.377	-0.397
8391	83.90	-0.413	-0.418	-0.412	-0.394	-0.369	-0.343	-0.319	-0.303	-0.293	-0.287
8401	84.00	-0.283	-0.276	-0.265	-0.251	-0.236	-0.222	-0.209	-0.200	-0.191	-0.183
8411	84.10	-0.174	-0.162	-0.148	-0.134	-0.121	-0.111	-0.103	-0.097	-0.091	-0.082
8421	84.20	-0.070	-0.055	-0.038	-0.022	-0.013	-0.013	-0.023	-0.042	-0.068	-0.095
8431	84.30	-0.119	-0.137	-0.150	-0.158	-0.165	-0.175	-0.188	-0.204	-0.222	-0.238
8441	84.40	-0.249	-0.255	-0.256	-0.254	-0.252	-0.252	-0.255	-0.261	-0.268	-0.277
8451	84.50	-0.286	-0.297	-0.314	-0.336	-0.364	-0.397	-0.430	-0.457	-0.472	-0.472
8461	84.60	-0.456	-0.428	-0.392	-0.355	-0.322	-0.296	-0.277	-0.263	-0.252	-0.241
8471	84.70	-0.230	-0.218	-0.208	-0.199	-0.192	-0.186	-0.178	-0.168	-0.155	-0.140
8481	84.80	-0.126	-0.114	-0.108	-0.106	-0.109	-0.114	-0.119	-0.122	-0.122	-0.120
8491	84.90	-0.116	-0.113	-0.111	-0.110	-0.110	-0.111	-0.111	-0.111	-0.108	-0.104

Table 7-23-18 TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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)
8501	85.00	-0.097	-0.087	-0.075	-0.062	-0.050	-0.039	-0.029	-0.022	-0.016	-0.009
8511	85.10	-0.001	0.009	0.019	0.029	0.039	0.047	0.055	0.063	0.073	0.084
8521	85.20	0.097	0.110	0.123	0.133	0.142	0.150	0.158	0.168	0.180	0.193
8531	85.30	0.207	0.220	0.232	0.242	0.253	0.266	0.282	0.300	0.319	0.335
8541	85.40	0.345	0.347	0.340	0.326	0.306	0.283	0.261	0.240	0.224	0.213
8551	85.50	0.209	0.211	0.222	0.239	0.263	0.289	0.314	0.337	0.354	0.366
8561	85.60	0.374	0.381	0.388	0.398	0.410	0.423	0.434	0.443	0.449	0.455
8571	85.70	0.462	0.472	0.486	0.503	0.518	0.529	0.531	0.522	0.503	0.480
8581	85.80	0.456	0.436	0.423	0.416	0.411	0.405	0.392	0.372	0.346	0.316
8591	85.90	0.287	0.261	0.240	0.221	0.202	0.182	0.160	0.139	0.122	0.113
8601	86.00	0.110	0.112	0.112	0.107	0.094	0.074	0.054	0.039	0.035	0.043
8611	86.10	0.060	0.080	0.095	0.104	0.106	0.105	0.107	0.116	0.130	0.146
8621	86.20	0.154	0.148	0.124	0.083	0.031	-0.023	-0.071	-0.108	-0.136	-0.157
8631	86.30	-0.178	-0.202	-0.230	-0.262	-0.293	-0.320	-0.343	-0.362	-0.381	-0.404
8641	86.40	-0.432	-0.465	-0.501	-0.535	-0.560	-0.573	-0.572	-0.558	-0.535	-0.510
8651	86.50	-0.488	-0.474	-0.469	-0.473	-0.480	-0.485	-0.480	-0.462	-0.427	-0.377
8661	86.60	-0.318	-0.256	-0.199	-0.150	-0.114	-0.089	-0.073	-0.062	-0.052	-0.041
8671	86.70	-0.027	-0.011	0.008	0.029	0.051	0.075	0.097	0.117	0.130	0.134
8681	86.80	0.130	0.119	0.105	0.094	0.088	0.090	0.096	0.104	0.108	0.108
8691	86.90	0.105	0.105	0.112	0.130	0.155	0.179	0.191	0.183	0.149	0.094
8701	87.00	0.028	-0.037	-0.090	-0.128	-0.155	-0.179	-0.208	-0.247	-0.295	-0.344
8711	87.10	-0.388	-0.423	-0.450	-0.475	-0.506	-0.547	-0.596	-0.645	-0.680	-0.691
8721	87.20	-0.672	-0.628	-0.570	-0.511	-0.463	-0.431	-0.413	-0.401	-0.384	-0.355
8731	87.30	-0.313	-0.261	-0.205	-0.152	-0.108	-0.074	-0.048	-0.026	-0.002	0.027
8741	87.40	0.062	0.101	0.141	0.178	0.209	0.234	0.258	0.284	0.318	0.360
8751	87.50	0.409	0.455	0.488	0.501	0.490	0.459	0.420	0.383	0.357	0.344
8761	87.60	0.337	0.325	0.296	0.247	0.182	0.112	0.053	0.014	-0.002	-0.001
8771	87.70	0.004	0.001	-0.018	-0.054	-0.103	-0.157	-0.211	-0.263	-0.315	-0.373
8781	87.80	-0.438	-0.510	-0.585	-0.657	-0.720	-0.773	-0.815	-0.845	-0.864	-0.866
8791	87.90	-0.849	-0.810	-0.750	-0.676	-0.599	-0.532	-0.483	-0.454	-0.440	-0.432
8801	88.00	-0.420	-0.400	-0.369	-0.333	-0.297	-0.268	-0.249	-0.240	-0.237	-0.236
8811	88.10	-0.234	-0.228	-0.215	-0.194	-0.163	-0.118	-0.060	0.009	0.086	0.163
8821	88.20	0.232	0.288	0.329	0.357	0.376	0.395	0.417	0.447	0.483	0.523
8831	88.30	0.562	0.598	0.629	0.658	0.686	0.718	0.754	0.794	0.835	0.872
8841	88.40	0.903	0.930	0.954	0.983	1.019	1.064	1.113	1.158	1.191	1.202
8851	88.50	1.192	1.164	1.128	1.092	1.063	1.041	1.022	0.999	0.965	0.919
8861	88.60	0.864	0.807	0.755	0.714	0.683	0.660	0.640	0.620	0.598	0.575
8871	88.70	0.553	0.533	0.514	0.494	0.470	0.439	0.402	0.360	0.317	0.275
8881	88.80	0.235	0.198	0.161	0.124	0.088	0.052	0.019	-0.012	-0.042	-0.073
8891	88.90	-0.105	-0.140	-0.176	-0.210	-0.243	-0.273	-0.302	-0.333	-0.365	-0.399
8901	89.00	-0.431	-0.459	-0.483	-0.506	-0.533	-0.570	-0.622	-0.683	-0.745	-0.793
8911	89.10	-0.816	-0.806	-0.768	-0.710	-0.650	-0.602	-0.574	-0.566	-0.570	-0.575
8921	89.20	-0.575	-0.564	-0.545	-0.526	-0.510	-0.501	-0.497	-0.493	-0.485	-0.471
8931	89.30	-0.451	-0.429	-0.410	-0.396	-0.387	-0.378	-0.367	-0.350	-0.328	-0.302
8941	89.40	-0.276	-0.252	-0.229	-0.206	-0.181	-0.153	-0.123	-0.096	-0.075	-0.063
8951	89.50	-0.061	-0.067	-0.076	-0.086	-0.093	-0.098	-0.101	-0.103	-0.103	-0.099
8961	89.60	-0.089	-0.071	-0.045	-0.014	0.020	0.053	0.083	0.109	0.132	0.151
8971	89.70	0.167	0.181	0.192	0.201	0.209	0.215	0.221	0.224	0.222	0.212
8981	89.80	0.193	0.165	0.132	0.100	0.073	0.054	0.043	0.034	0.023	0.007
8991	89.90	-0.017	-0.046	-0.075	-0.101	-0.122	-0.140	-0.156	-0.175	-0.198	-0.224

Table 7-23-19 TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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)
9001	90.00	-0.250	-0.274	-0.295	-0.312	-0.330	-0.350	-0.374	-0.400	-0.427	-0.451
9011	90.10	-0.470	-0.487	-0.505	-0.525	-0.549	-0.574	-0.598	-0.616	-0.627	-0.635
9021	90.20	-0.646	-0.667	-0.702	-0.746	-0.789	-0.815	-0.809	-0.763	-0.678	-0.569
9031	90.30	-0.453	-0.350	-0.272	-0.219	-0.183	-0.147	-0.099	-0.033	0.047	0.129
9041	90.40	0.197	0.241	0.262	0.268	0.277	0.303	0.357	0.437	0.533	0.629
9051	90.50	0.714	0.783	0.840	0.893	0.951	1.013	1.073	1.115	1.126	1.098
9061	90.60	1.033	0.945	0.852	0.775	0.725	0.702	0.700	0.707	0.710	0.704
9071	90.70	0.687	0.666	0.645	0.628	0.616	0.609	0.605	0.603	0.605	0.609
9081	90.80	0.615	0.618	0.612	0.590	0.549	0.492	0.424	0.355	0.292	0.239
9091	90.90	0.196	0.156	0.113	0.062	0.000	-0.069	-0.139	-0.202	-0.253	-0.288
9101	91.00	-0.307	-0.317	-0.325	-0.340	-0.370	-0.417	-0.481	-0.552	-0.620	-0.671
9111	91.10	-0.696	-0.694	-0.669	-0.633	-0.597	-0.573	-0.563	-0.565	-0.571	-0.570
9121	91.20	-0.557	-0.530	-0.495	-0.458	-0.426	-0.402	-0.384	-0.369	-0.352	-0.333
9131	91.30	-0.312	-0.295	-0.283	-0.279	-0.280	-0.282	-0.280	-0.272	-0.257	-0.239
9141	91.40	-0.223	-0.212	-0.208	-0.206	-0.205	-0.201	-0.192	-0.181	-0.170	-0.161
9151	91.50	-0.156	-0.154	-0.151	-0.145	-0.135	-0.122	-0.109	-0.100	-0.097	-0.100
9161	91.60	-0.106	-0.113	-0.116	-0.115	-0.113	-0.110	-0.111	-0.115	-0.120	-0.123
9171	91.70	-0.118	-0.103	-0.078	-0.047	-0.016	0.011	0.030	0.044	0.055	0.068
9181	91.80	0.088	0.112	0.136	0.161	0.174	0.176	0.168	0.156	0.145	0.139
9191	91.90	0.140	0.145	0.151	0.154	0.154	0.152	0.150	0.151	0.155	0.160
9201	92.00	0.164	0.163	0.159	0.153	0.153	0.162	0.183	0.215	0.253	0.292
9211	92.10	0.327	0.354	0.376	0.396	0.417	0.440	0.463	0.484	0.499	0.507
9221	92.20	0.510	0.513	0.520	0.534	0.554	0.576	0.596	0.609	0.613	0.613
9231	92.30	0.613	0.619	0.633	0.653	0.673	0.685	0.681	0.658	0.617	0.565
9241	92.40	0.511	0.465	0.430	0.407	0.390	0.371	0.345	0.308	0.260	0.208
9251	92.50	0.157	0.112	0.076	0.045	0.015	-0.019	-0.060	-0.107	-0.157	-0.203
9261	92.60	-0.240	-0.263	-0.273	-0.272	-0.264	-0.256	-0.251	-0.252	-0.258	-0.268
9271	92.70	-0.281	-0.294	-0.305	-0.313	-0.318	-0.323	-0.328	-0.336	-0.349	-0.366
9281	92.80	-0.383	-0.398	-0.405	-0.402	-0.388	-0.365	-0.338	-0.310	-0.285	-0.265
9291	92.90	-0.248	-0.234	-0.222	-0.211	-0.201	-0.194	-0.189	-0.186	-0.182	-0.176
9301	93.00	-0.166	-0.154	-0.143	-0.134	-0.130	-0.127	-0.124	-0.116	-0.100	-0.076
9311	93.10	-0.047	-0.017	0.012	0.038	0.064	0.090	0.118	0.145	0.168	0.180
9321	93.20	0.176	0.157	0.126	0.091	0.059	0.038	0.029	0.027	0.028	0.023
9331	93.30	0.010	-0.011	-0.037	-0.064	-0.088	-0.108	-0.127	-0.146	-0.167	-0.190
9341	93.40	-0.213	-0.235	-0.254	-0.270	-0.286	-0.302	-0.322	-0.343	-0.364	-0.383
9351	93.50	-0.401	-0.417	-0.434	-0.452	-0.473	-0.495	-0.515	-0.532	-0.545	-0.557
9361	93.60	-0.571	-0.589	-0.612	-0.636	-0.658	-0.674	-0.685	-0.695	-0.712	-0.742
9371	93.70	-0.785	-0.838	-0.886	-0.917	-0.918	-0.884	-0.819	-0.737	-0.653	-0.581
9381	93.80	-0.527	-0.492	-0.468	-0.448	-0.425	-0.396	-0.363	-0.329	-0.297	-0.266
9391	93.90	-0.235	-0.201	-0.163	-0.121	-0.077	-0.034	0.005	0.042	0.076	0.111
9401	94.00	0.148	0.187	0.226	0.264	0.301	0.337	0.374	0.412	0.450	0.489
9411	94.10	0.525	0.558	0.591	0.624	0.661	0.699	0.738	0.772	0.797	0.813
9421	94.20	0.821	0.828	0.843	0.868	0.902	0.939	0.965	0.971	0.951	0.906
9431	94.30	0.845	0.761	0.726	0.687	0.663	0.650	0.641	0.630	0.614	0.593
9441	94.40	0.572	0.551	0.533	0.516	0.500	0.481	0.460	0.437	0.415	0.396
9451	94.50	0.380	0.368	0.356	0.344	0.329	0.312	0.294	0.276	0.261	0.250
9461	94.60	0.243	0.237	0.232	0.226	0.218	0.206	0.194	0.181	0.170	0.160
9471	94.70	0.153	0.146	0.137	0.127	0.114	0.099	0.083	0.067	0.053	0.040
9481	94.80	0.027	0.013	-0.002	-0.017	-0.032	-0.045	-0.057	-0.068	-0.079	-0.091
9491	94.90	-0.105	-0.120	-0.134	-0.147	-0.159	-0.169	-0.181	-0.194	-0.210	-0.228

Table 7-23-20 TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 2034 902-GR-1-79 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -52.727 (GAL) T= 11.99 (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)
9501	95.00	-0.246	-0.262	-0.277	-0.290	-0.304	-0.319	-0.336	-0.352	-0.365	-0.373
9511	95.10	-0.375	-0.375	-0.375	-0.380	-0.392	-0.409	-0.427	-0.439	-0.439	-0.425
9521	95.20	-0.398	-0.364	-0.331	-0.306	-0.289	-0.281	-0.274	-0.262	-0.240	-0.207
9531	95.30	-0.165	-0.118	-0.072	-0.029	0.010	0.046	0.079	0.110	0.137	0.158
9541	95.40	0.172	0.180	0.187	0.197	0.211	0.227	0.238	0.234	0.210	0.164
9551	95.50	0.106	0.048	0.005	-0.014	-0.013	-0.001	0.008	0.003	-0.020	-0.053
9561	95.60	-0.084	-0.101	-0.103	-0.097	-0.095	-0.110	-0.147	-0.197	-0.247	-0.281
9571	95.70	-0.293	-0.290	-0.268	-0.303	-0.341	-0.394	-0.441	-0.461	-0.445	-0.401
9581	95.80	-0.351	-0.325	-0.337	-0.384	-0.440	-0.473	-0.459	-0.403	-0.334	-0.294
9591	95.90	-0.317	-0.407	-0.529	-0.622	-0.622	-0.495	-0.251	0.049	0.322	0.491

Table 7-24-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.841	0.248	1.091	1.375	1.015	0.160	-0.908	-1.903	-2.638	-3.037
11	0.10	-3.096	-2.810	-2.147	-1.089	0.297	1.802	3.088	3.802	3.729	2.916
21	0.20	1.680	0.491	-0.238	-0.353	-0.037	0.277	0.128	-0.719	-2.112	-3.538
31	0.30	-4.328	-3.965	-2.335	0.169	2.779	4.632	5.107	4.066	1.904	-0.609
41	0.40	-2.621	-3.506	-3.079	-1.626	0.224	1.755	2.419	2.026	0.786	-0.789
51	0.50	-2.084	-2.612	-2.189	-0.990	0.531	1.817	2.431	2.217	1.342	0.208
61	0.60	-0.736	-1.191	-1.124	-0.752	-0.405	-0.337	-0.580	-0.928	-1.047	-0.668
71	0.70	0.246	1.442	2.479	2.928	2.584	1.573	0.298	-0.748	-1.216	-1.059
81	0.80	-0.536	-0.060	0.023	-0.376	-1.068	-1.590	-1.620	-0.974	0.202	1.512
91	0.90	2.490	2.801	2.368	1.370	0.133	-1.024	-1.900	-2.439	-2.671	-2.626
101	1.00	-2.295	-1.648	-0.714	0.351	1.257	1.671	1.360	0.326	-1.152	-2.602
111	1.10	-3.533	-3.636	-2.894	-1.576	-0.095	1.173	2.037	2.528	2.808	3.031
121	1.20	3.213	3.213	2.817	1.888	0.494	-1.058	-2.319	-2.877	-2.542	-1.430
131	1.30	0.072	1.469	2.364	2.598	2.286	1.717	1.192	0.863	0.674	0.407
141	1.40	-0.183	-1.212	-2.574	-3.959	-4.955	-5.216	-4.596	-3.209	-1.395	0.404
151	1.50	1.790	2.533	2.620	2.233	1.655	1.158	0.901	0.881	0.948	0.875
161	1.60	0.462	-0.365	-1.498	-2.658	-3.482	-3.649	-3.006	-1.651	0.090	1.757
171	1.70	2.921	3.333	3.007	2.193	1.262	0.539	0.170	0.086	0.063	-0.132
181	1.80	-0.594	-1.210	-1.695	-1.724	-1.114	0.059	1.443	2.526	2.832	2.118
191	1.90	0.492	-1.607	-3.545	-4.709	-4.696	-3.431	-1.172	1.586	4.247	6.264
201	2.00	7.236	6.976	5.518	3.115	0.197	-2.687	-4.973	-6.198	-6.129	-4.837
211	2.10	-2.697	-0.284	1.800	3.119	3.532	3.214	2.558	1.986	1.758	1.879
221	2.20	2.096	2.039	1.410	0.142	-1.538	-3.187	-4.315	-4.575	-3.898	-2.508
231	2.30	-0.817	0.744	1.877	2.497	2.693	2.618	2.373	1.934	1.189	0.043
241	2.40	-1.456	-3.048	-4.298	-4.749	-4.108	-2.408	-0.037	2.365	4.126	4.784
251	2.50	4.241	2.786	0.960	-0.666	-1.702	-2.061	-1.940	-1.689	-1.624	-1.883
261	2.60	-2.373	-2.827	-2.939	-2.504	-1.516	-0.174	1.181	2.191	2.591	2.298
271	2.70	1.430	0.270	-0.820	-1.499	-1.555	-0.971	0.065	1.212	2.097	2.445
281	2.80	2.192	1.508	0.731	0.212	0.145	0.457	0.829	0.837	0.172	-1.161
291	2.90	-2.780	-4.038	-4.272	-3.103	-0.640	2.511	5.442	7.280	7.509	6.151
301	3.00	3.728	1.033	-1.189	-2.502	-2.876	-2.602	-2.086	-1.627	-1.304	-0.984
311	3.10	-0.464	0.380	1.491	2.634	3.501	3.832	3.513	2.583	1.194	-0.465
321	3.20	-2.201	-3.815	-5.074	-5.709	-5.477	-4.271	-2.238	0.188	2.377	3.711
331	3.30	3.834	2.822	1.181	-0.351	-1.121	-0.858	0.195	1.388	1.958	1.397
341	3.40	-0.294	-2.580	-4.610	-5.581	-5.080	-3.250	-0.715	1.694	3.268	3.666
351	3.50	2.975	1.593	0.013	-1.368	-2.332	-2.810	-2.798	-2.294	-1.317	0.011
361	3.60	1.401	2.418	2.621	1.787	0.083	-1.907	-3.377	-3.627	-2.407	-0.085
371	3.70	2.463	4.216	4.463	3.152	0.932	-1.130	-2.046	-1.382	0.517	2.673
381	3.80	3.937	3.542	1.493	-1.405	-3.902	-4.877	-3.861	-1.275	1.753	3.887
391	3.90	4.186	2.519	-0.369	-3.204	-4.746	-4.324	-2.124	0.912	3.490	4.512
401	4.00	3.508	0.797	-2.676	-5.734	-7.414	-7.282	-5.525	-2.794	0.082	2.398
411	4.10	3.774	4.197	3.921	3.304	2.643	2.078	1.587	1.040	0.297	-0.705
421	4.20	-1.902	-3.095	-3.996	-4.300	-3.789	-2.418	-0.371	1.950	4.001	5.240
431	4.30	5.296	4.103	1.958	-0.550	-2.709	-3.913	-3.868	-2.687	-0.849	0.981
441	4.40	2.201	2.490	1.909	0.853	-0.136	-0.604	-0.374	0.393	1.284	1.832
451	4.50	1.726	0.955	-0.190	-1.236	-1.724	-1.397	-0.294	1.272	2.837	3.950
461	4.60	4.318	3.876	2.778	1.329	-0.113	-1.224	-1.782	-1.713	-1.109	-0.212
471	4.70	0.631	1.065	0.840	-0.079	-1.463	-2.860	-3.738	-3.665	-2.492	-0.423
481	4.80	2.027	4.204	5.531	5.694	4.716	2.917	0.770	-1.260	-2.839	-3.803
491	4.90	-4.128	-3.873	-3.128	-2.016	-0.700	0.600	1.637	2.200	2.198	1.700

Table 7-24-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.914	0.105	-0.530	-0.938	-1.216	-1.535	-2.011	-2.606	-3.109	-3.217
511	5.10	-2.683	-1.460	0.239	1.988	3.297	3.791	3.338	2.086	0.389	-1.328
521	5.20	-2.703	-3.524	-3.733	-3.390	-2.609	-1.520	-0.256	1.038	2.201	3.074
531	5.30	3.536	3.545	3.136	2.418	1.526	0.583	-0.310	-1.062	-1.563	-1.682
541	5.40	-1.301	-0.390	0.920	2.309	3.317	3.487	2.539	0.522	-2.148	-4.775
551	5.50	-6.594	-7.022	-5.865	-3.395	-0.274	2.657	4.631	5.191	4.305	2.352
561	5.60	-0.019	-2.092	-3.295	-3.353	-2.340	-0.635	1.204	2.611	3.171	2.730
571	5.70	1.422	-0.388	-2.225	-3.648	-4.377	-4.344	-3.679	-2.635	-1.481	-0.424
581	5.80	0.429	1.053	1.464	1.666	1.645	1.387	0.921	0.349	-0.159	-0.427
591	5.90	-0.349	0.037	0.539	0.870	0.764	0.110	-0.973	-2.139	-2.935	-2.969
601	6.00	-2.078	-0.416	1.579	3.324	4.302	4.238	3.192	1.517	-0.277	-1.704
611	6.10	-2.452	-2.440	-1.784	-0.705	0.575	1.879	3.066	3.984	4.437	4.207
621	6.20	3.136	1.245	-1.193	-3.669	-5.556	-6.321	-5.714	-3.876	-1.300	1.340
631	6.30	3.426	4.594	4.822	4.364	3.589	2.796	2.100	1.430	0.640	-0.354
641	6.40	-1.471	-2.464	-3.026	-2.937	-2.191	-1.032	0.126	0.856	0.886	0.210
651	6.50	-0.905	-2.017	-2.666	-2.546	-1.592	-0.028	1.714	3.116	3.728	3.317
661	6.60	1.948	-0.017	-2.004	-3.404	-3.770	-2.983	-1.308	0.676	2.288	2.999
671	6.70	2.645	1.501	0.165	-0.690	-0.618	0.396	1.914	3.231	3.689	2.984
681	6.80	1.320	-0.653	-2.114	-2.418	-1.382	0.621	2.809	4.308	4.503	3.275
691	6.90	1.033	-1.467	-3.433	-4.337	-4.089	-3.029	-1.749	-0.839	-0.654	-1.198
701	7.00	-2.151	-3.016	-3.313	-2.759	-1.368	0.553	2.497	3.901	4.311	3.509
711	7.10	1.587	-1.064	-3.838	-6.068	-7.199	-6.938	-5.340	-2.792	0.103	2.704
721	7.20	4.518	5.327	5.220	4.510	3.591	2.782	2.225	1.867	1.543	1.085
731	7.30	0.436	-0.314	-0.964	-1.302	-1.212	-0.735	-0.060	0.559	0.914	0.927
741	7.40	0.678	0.353	0.151	0.189	0.457	0.831	1.148	1.276	1.169	0.863
751	7.50	0.435	-0.056	-0.591	-1.180	-1.810	-2.402	-2.803	-2.831	-2.366	-1.432
761	7.60	-0.227	0.922	1.681	1.835	1.382	0.531	-0.384	-1.045	-1.273	-1.082
771	7.70	-0.646	-0.191	0.110	0.210	0.181	0.148	0.217	0.414	0.693	0.976
781	7.80	1.213	1.389	1.518	1.600	1.590	1.416	1.039	0.527	0.075	-0.042
791	7.90	0.393	1.395	2.690	3.758	4.015	3.065	0.916	-1.958	-4.753	-6.630
801	8.00	-7.051	-5.997	-3.974	-1.793	-0.217	0.360	0.054	-0.603	-0.960	-0.595
811	8.10	0.451	1.672	2.321	1.780	-0.120	-2.959	-5.847	-7.764	-7.956	-6.245
821	8.20	-3.107	0.501	3.503	5.081	4.958	3.445	1.285	-0.650	-1.687	-1.566
831	8.30	-0.490	0.997	2.250	2.768	2.373	1.256	-0.114	-1.173	-1.472	-0.835
841	8.40	0.582	2.350	3.925	4.837	4.851	4.036	2.722	1.367	0.379	-0.034
851	8.50	0.079	0.453	0.745	0.686	0.199	-0.575	-1.355	-1.857	-1.938	-1.661
861	8.60	-1.270	-1.065	-1.249	-1.807	-2.488	-2.904	-2.704	-1.759	-0.262	1.305
871	8.70	2.335	2.346	1.201	-0.784	-2.911	-4.327	-4.341	-2.708	0.232	3.623
881	8.80	6.354	7.425	6.290	3.065	-1.495	-6.215	-9.865	-11.527	-10.853	-8.134
891	8.90	-4.173	-0.006	3.406	5.446	5.959	5.225	3.800	2.293	1.158	0.570
901	9.00	0.422	0.417	0.237	-0.294	-1.119	-1.949	-2.390	-2.117	-1.044	0.593
911	9.10	2.295	3.483	3.737	3.002	1.644	0.332	-0.232	0.376	2.081	4.290
921	9.20	6.104	6.677	5.577	2.995	-0.302	-3.262	-4.968	-5.003	-3.603	-1.538
931	9.30	0.238	0.994	0.530	-0.775	-2.160	-2.851	-2.419	-0.976	0.891	2.380
941	9.40	2.846	2.076	0.380	-1.558	-2.978	-3.374	-2.700	-1.382	-0.124	0.388
951	9.50	-0.233	-1.920	-4.183	-6.298	-7.578	-7.602	-6.356	-4.189	-1.671	0.621
961	9.60	2.281	3.168	3.384	3.161	2.728	2.191	1.524	0.596	-0.704	-2.368
971	9.70	-4.201	-5.843	-6.859	-6.875	-5.708	-3.452	-0.481	2.622	5.202	6.695
981	9.80	6.774	5.448	3.077	0.290	-2.169	-3.656	-3.807	-2.647	-0.574	1.786
991	9.90	3.799	5.042	5.421	5.150	4.597	4.073	3.674	3.249	2.517	1.278

Table 7-24-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.406	-2.153	-3.373	-3.517	-2.337	-0.032	2.796	5.363	7.008	7.435
1011	10.10	6.783	5.512	4.160	3.093	2.386	1.850	1.200	0.249	-0.966	-2.181
1021	10.20	-3.011	-3.110	-2.293	-0.600	1.722	4.275	6.573	8.124	8.518	7.556
1031	10.30	5.377	2.518	-0.152	-1.682	-1.405	0.706	3.880	6.697	7.559	5.306
1041	10.40	-0.265	-8.238	-16.864	-24.211	-28.881	-30.495	-29.696	-27.685	-25.514	-23.487
1051	10.50	-20.993	-16.877	-10.190	-0.950	9.488	18.709	24.112	24.043	18.705	10.389
1061	10.60	2.851	0.015	4.457	16.287	32.896	49.733	61.827	65.552	59.905	46.827
1071	10.70	30.407	15.297	4.941	0.357	-0.042	0.499	-1.246	-6.784	-14.933	-22.008
1081	10.80	-23.164	-14.348	5.886	35.449	69.016	99.422	119.625	124.509	111.991	83.203
1091	10.90	41.917	-6.416	-55.651	-99.777	-133.609	-153.466	-157.847	-147.933	-127.602	-102.682
1101	11.00	-79.455	-62.788	-54.582	-53.214	-54.300	-52.558	-44.037	-27.749	-6.017	16.591
1111	11.10	35.204	46.535	49.848	46.609	39.132	29.005	16.193	-0.696	-23.104	-50.901
1121	11.20	-81.324	-109.112	-127.865	-132.078	-118.967	-89.373	-47.465	0.506	47.788	88.473
1131	11.30	118.277	134.815	137.631	128.177	109.740	87.099	65.685	50.262	43.512	45.112
1141	11.40	51.839	58.798	61.325	56.733	45.049	28.429	9.566	-9.967	-30.448	-53.287
1151	11.50	-79.133	-105.873	-127.790	-136.726	-125.093	-89.573	-33.794	31.512	91.288	131.051
1161	11.60	141.998	124.230	86.688	43.749	9.832	-5.035	-2.212	13.879	31.116	38.569
1171	11.70	30.087	6.495	-25.113	-56.470	-72.217	-73.304	-58.456	-33.350	-6.037	16.191
1181	11.80	29.239	33.085	30.932	27.185	25.193	25.736	26.856	24.989	16.907	1.546
1191	11.90	-19.066	-40.214	-56.085	-61.916	-55.821	-39.561	-17.964	2.759	17.098	21.909
1201	12.00	17.069	4.971	-10.772	-26.791	-40.932	-52.435	-61.383	-67.845	-71.224	-70.146
1211	12.10	-62.944	-48.468	-26.820	0.302	29.800	57.792	80.420	94.602	98.586	92.227
1221	12.20	77.010	55.847	32.463	10.682	-6.553	-17.991	-24.439	-28.425	-33.157	-41.090
1231	12.30	-52.655	-65.714	-76.075	-78.945	-70.809	-50.963	-22.074	10.496	40.362	62.127
1241	12.40	72.983	73.337	66.326	56.488	48.152	44.096	44.657	48.778	52.656	52.743
1251	12.50	45.828	30.218	6.417	-22.653	-52.024	-75.697	-88.146	-85.931	-68.903	-40.497
1261	12.60	-6.908	24.679	48.218	60.508	61.863	55.479	45.838	36.795	30.186	25.458
1271	12.70	20.421	12.665	0.982	-13.879	-29.400	-42.300	-49.863	-50.999	-46.624	-39.248
1281	12.80	-32.017	-27.609	-27.382	-31.018	-36.680	-41.560	-42.632	-37.439	-24.780	-5.176
1291	12.90	18.994	43.823	64.667	77.305	79.145	70.079	52.628	31.225	10.837	-4.616
1301	13.00	-13.435	-16.451	-16.335	-16.214	-18.170	-22.282	-26.617	-28.174	-24.371	-14.412
1311	13.10	0.044	15.236	26.525	30.037	24.077	9.803	-9.069	-27.375	-40.045	-43.548
1321	13.20	-36.826	-21.513	-1.419	18.483	33.319	39.493	35.545	22.484	3.542	-16.645
1331	13.30	-33.225	-42.395	-42.396	-33.905	-19.700	-3.683	10.421	20.204	25.180	26.613
1341	13.40	26.690	27.389	29.513	32.315	33.834	31.804	24.721	12.618	-2.773	-18.540
1351	13.50	-31.548	-39.448	-41.344	-37.903	-30.931	-22.643	-14.956	-9.046	-5.270	-3.366
1361	13.60	-2.763	-2.825	-2.966	-2.655	-1.478	0.769	3.868	7.037	8.987	8.272
1371	13.70	3.877	-4.168	-14.435	-24.252	-30.402	-30.179	-22.435	-8.177	9.547	26.491
1381	13.80	38.504	42.818	38.852	28.279	14.364	0.850	-9.164	-13.975	-13.472	-8.799
1391	13.90	-1.734	5.934	12.817	18.056	21.240	22.265	21.235	18.443	14.381	9.683
1401	14.00	4.982	0.706	-3.060	-6.560	-10.163	-14.035	-17.872	-20.840	-21.804	-19.780
1411	14.10	-14.435	-6.373	2.925	11.541	17.759	20.664	20.428	18.166	15.422	13.484
1421	14.20	12.817	12.848	12.187	9.197	2.701	-7.444	-20.115	-33.128	-43.803	-49.726
1431	14.30	-49.461	-42.985	-31.719	-18.131	-5.036	5.206	11.322	13.395	12.680	11.003
1441	14.40	9.997	10.419	11.858	12.929	11.911	7.591	-0.048	-9.582	-18.483	-23.950
1451	14.50	-23.928	-17.926	-7.301	5.126	15.994	22.535	23.491	19.470	12.619	5.744
1461	14.60	1.240	0.225	2.237	5.566	8.094	8.252	5.716	1.538	-2.356	-4.056
1471	14.70	-2.596	1.517	6.406	9.544	8.817	3.479	-5.392	-15.159	-22.517	-24.673
1481	14.80	-20.360	-10.299	3.038	16.264	26.155	30.600	29.094	22.689	13.503	4.010
1491	14.90	-3.627	-8.016	-8.730	-6.254	-1.770	3.182	7.109	8.976	8.540	6.471

Table 7-24-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	4.173	3.287	5.025	9.570	15.817	21.638	24.604	22.928	16.236	5.813
1511	15.10	-5.798	-15.714	-21.762	-23.238	-21.044	-17.199	-13.927	-12.759	-13.987	-16.678
1521	15.20	-19.169	-19.779	-17.435	-12.000	-4.243	4.429	12.328	17.823	19.610	16.956
1531	15.30	9.930	-0.442	-12.223	-22.900	-30.042	-32.077	-28.897	-21.979	-13.890	-7.287
1541	15.40	-3.825	-3.444	-4.405	-4.107	-0.357	7.467	17.924	27.949	34.057	33.820
1551	15.50	26.940	15.449	2.933	-6.866	-11.476	-10.529	-5.696	0.189	4.381	5.285
1561	15.60	2.902	-1.457	-5.948	-9.062	-10.173	-9.577	-8.106	-6.580	-5.407	-4.510
1571	15.70	-3.553	-2.289	-0.796	0.538	1.227	1.008	0.015	-1.266	-2.238	-2.492
1581	15.80	-1.984	-0.987	0.135	1.198	2.322	3.824	5.911	8.364	10.414	10.940
1591	15.90	8.964	4.231	-2.410	-9.044	-13.215	-12.759	-6.641	4.553	18.678	32.634
1601	16.00	43.292	48.381	47.046	39.896	28.611	15.315	1.989	-9.885	-19.383	-26.003
1611	16.10	-29.485	-29.737	-26.901	-21.481	-14.420	-7.011	-0.627	3.627	5.192	4.145
1621	16.20	1.049	-3.362	-8.367	-13.585	-18.680	-23.230	-26.497	-27.432	-24.949	-18.427
1631	16.30	-8.201	4.204	16.271	25.141	28.496	25.364	16.518	4.288	-8.149	-17.756
1641	16.40	-22.516	-21.918	-16.884	-9.240	-0.975	6.385	12.093	16.105	18.747	20.334
1651	16.50	20.937	20.399	18.538	15.403	11.408	7.271	3.776	1.481	0.520	0.586
1661	16.60	1.097	1.453	1.247	0.347	-1.162	-3.125	-5.419	-7.971	-10.660	-13.197
1671	16.70	-15.077	-15.678	-14.490	-11.387	-6.783	-1.591	3.043	6.130	7.184	6.378
1681	16.80	4.426	2.264	0.672	0.008	0.172	0.788	1.496	2.170	2.962	4.132
1691	16.90	5.778	7.621	8.988	9.038	7.138	3.216	-2.092	-7.593	-11.936	-14.100
1701	17.00	-13.746	-11.297	-7.701	-4.006	-0.940	1.320	3.084	4.850	6.928	9.157
1711	17.10	10.884	11.189	9.278	4.869	-1.603	-9.033	-15.942	-20.899	-22.927	-21.771
1721	17.20	-17.942	-12.554	-7.020	-2.678	-0.455	-0.644	-2.834	-6.031	-8.925	-10.261
1731	17.30	-9.214	-5.642	-0.146	6.095	11.674	15.364	16.444	14.841	11.051	5.907
1741	17.40	0.303	-4.991	-9.373	-12.345	-13.418	-12.119	-8.131	-1.532	7.000	16.156
1751	17.50	24.233	29.598	31.229	29.097	24.224	18.341	13.280	10.316	9.738	10.823
1761	17.60	12.205	12.491	10.842	7.288	2.649	-1.871	-5.214	-6.891	-7.112	-6.595
1771	17.70	-6.174	-6.403	-7.334	-8.569	-9.514	-9.716	-9.087	-7.941	-6.824	-6.247
1781	17.80	-6.452	-7.335	-8.520	-9.559	-10.125	-10.120	-9.662	-8.974	-8.263	-7.651
1791	17.90	-7.179	-6.854	-6.694	-6.702	-6.795	-6.738	-6.146	-4.614	-1.940	1.655
1801	18.00	5.434	8.272	9.019	6.958	2.197	-4.205	-10.477	-14.673	-15.337	-12.036
1811	18.10	-5.548	2.374	9.574	14.201	15.265	12.882	8.122	2.568	-2.220	-5.153
1821	18.20	-5.815	-4.432	-1.649	1.729	4.955	7.460	8.893	9.125	8.242	6.541
1831	18.30	4.489	2.631	1.438	1.162	1.745	2.851	4.008	4.810	5.077	4.892
1841	18.40	4.495	4.101	3.726	3.151	2.045	0.197	-2.264	-4.790	-6.553	-6.761
1851	18.50	-5.008	-1.513	2.895	7.053	9.876	10.749	9.716	7.408	4.741	2.551
1861	18.60	1.312	1.053	1.476	2.184	2.885	3.477	3.998	4.497	4.919	5.090
1871	18.70	4.791	3.876	2.352	0.367	-1.885	-4.269	-6.750	-9.331	-11.914	-14.190
1881	18.80	-15.646	-15.735	-14.145	-11.049	-7.165	-3.566	-1.284	-0.861	-2.072	-3.967
1891	18.90	-5.244	-4.813	-2.301	1.740	6.017	9.018	9.630	7.599	3.629	-0.921
1901	19.00	-4.586	-6.347	-5.960	-3.941	-1.251	1.148	2.658	3.181	3.015	2.593
1911	19.10	2.223	1.953	1.615	0.974	-0.087	-1.482	-2.947	-4.151	-4.832	-4.876
1921	19.20	-4.309	-3.245	-1.832	-0.231	1.346	2.601	3.167	2.702	1.049	-1.615
1931	19.30	-4.730	-7.455	-8.919	-8.521	-6.175	-2.380	1.919	5.644	7.943	8.465
1941	19.40	7.457	5.644	3.950	3.165	3.680	5.361	7.604	9.530	10.260	9.190
1951	19.50	6.182	1.627	-3.630	-8.499	-11.930	-13.188	-12.061	-8.901	-4.515	0.091
1961	19.60	4.013	6.687	7.999	8.204	7.734	6.960	6.024	4.825	3.141	0.836
1971	19.70	-1.966	-4.824	-7.079	-8.079	-7.422	-5.125	-1.635	2.312	5.929	8.617
1981	19.80	10.110	10.488	10.071	9.258	8.379	7.608	6.957	6.329	5.588	4.610
1991	19.90	3.316	1.676	-0.281	-2.472	-4.746	-6.904	-8.732	-10.062	-10.830	-11.105

Table 7-24-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-11.071	-10.952	-10.921	-11.018	-11.134	-11.054	-10.561	-9.541	-8.050	-6.309
2011	20.10	-4.620	-3.252	-2.338	-1.840	-1.581	-1.354	-1.020	-0.581	-0.163	0.060
2021	20.20	-0.017	-0.348	-0.718	-0.816	-0.366	0.743	2.384	4.216	5.802	6.764
2031	20.30	6.919	6.342	5.316	4.225	3.407	3.059	3.206	3.742	4.506	5.345
2041	20.40	6.123	6.692	6.857	6.373	5.019	2.714	-0.360	-3.704	-6.586	-8.234
2051	20.50	-8.105	-6.106	-2.678	1.309	4.824	7.008	7.445	6.261	4.031	1.533
2061	20.60	-0.545	-1.815	-2.249	-2.081	-1.629	-1.110	-0.560	0.137	1.128	2.454
2071	20.70	3.973	5.386	6.341	6.574	6.011	4.797	3.233	1.677	0.426	-0.346
2081	20.80	-0.603	-0.422	0.050	0.632	1.124	1.329	1.081	0.293	-0.994	-2.585
2091	20.90	-4.149	-5.305	-5.732	-5.281	-4.035	-2.295	-0.479	1.001	1.870	2.055
2101	21.00	1.677	0.979	0.219	-0.419	-0.874	-1.202	-1.515	-1.916	-2.423	-2.942
2111	21.10	-3.270	-3.143	-2.319	-0.670	1.732	4.579	7.348	9.403	10.151	9.222
2121	21.20	6.602	2.668	-1.897	-6.299	-9.868	-12.255	-13.495	-13.929	-14.001	-14.029
2131	21.30	-14.050	-13.807	-12.907	-11.056	-8.272	-4.964	-1.815	0.481	1.521	1.388
2141	21.40	0.643	0.091	0.424	1.893	4.168	6.449	7.806	7.579	5.674	2.602
2151	21.50	-0.741	-3.466	-5.061	-5.568	-5.480	-5.417	-5.737	-6.294	-6.460	-5.424
2161	21.60	-2.621	1.913	7.443	12.764	16.660	18.385	17.950	16.078	13.847	12.182
2171	21.70	11.440	11.268	10.803	9.113	5.670	0.667	-5.093	-10.310	-13.835	-14.975
2181	21.80	-13.706	-10.595	-6.524	-2.365	1.275	4.132	6.216	7.661	8.597	9.095
2191	21.90	9.187	8.914	8.353	7.584	6.639	5.457	3.906	1.864	-0.663	-3.473
2201	22.00	-6.176	-8.306	-9.479	-9.533	-8.572	-6.910	-4.934	-2.962	-1.163	0.422
2211	22.10	1.801	2.925	3.647	3.755	3.079	1.606	-0.455	-2.707	-4.670	-5.937
2221	22.20	-6.291	-5.757	-4.572	-3.087	-1.669	-0.611	-0.092	-0.162	-0.752	-1.694
2231	22.30	-2.747	-3.641	-4.136	-4.086	-3.486	-2.469	-1.252	-0.051	1.007	1.917
2241	22.40	2.770	3.673	4.655	5.617	6.349	6.612	6.245	5.242	3.759	2.046
2251	22.50	0.344	-1.207	-2.598	-3.908	-5.220	-6.539	-7.750	-8.659	-9.063	-8.847
2261	22.60	-8.029	-6.759	-5.261	-3.758	-2.408	-1.277	-0.352	0.426	1.129	1.815
2271	22.70	2.512	3.213	3.868	4.389	4.670	4.628	4.252	3.641	2.998	2.573
2281	22.80	2.563	3.016	3.777	4.534	4.929	4.715	3.879	2.669	1.508	0.823
2291	22.90	0.871	1.621	2.769	3.856	4.459	4.347	3.552	2.324	0.995	-0.170
2301	23.00	-1.074	-1.796	-2.506	-3.351	-4.343	-5.340	-6.085	-6.321	-5.898	-4.844
2311	23.10	-3.355	-1.729	-0.251	0.905	1.731	2.369	3.040	3.944	5.165	6.626
2321	23.20	8.090	9.240	9.778	9.524	8.482	6.838	4.896	2.977	1.321	0.027
2331	23.30	-0.945	-1.708	-2.365	-2.940	-3.356	-3.486	-3.236	-2.639	-1.897	-1.343
2341	23.40	-1.345	-2.162	-3.826	-6.088	-8.466	-10.363	-11.267	-10.891	-9.281	-6.811
2351	23.50	-4.077	-1.721	-0.250	0.113	-0.518	-1.750	-3.045	-3.901	-4.013	-3.356
2361	23.60	-2.167	-0.834	0.262	0.887	1.028	0.870	0.700	0.773	1.219	2.006
2371	23.70	2.988	3.993	4.907	5.711	6.446	7.141	7.738	8.066	7.888	6.993
2381	23.80	5.315	2.996	0.377	-2.090	-3.968	-4.966	-4.997	-4.183	-2.785	-1.124
2391	23.90	0.494	1.819	2.670	2.934	2.582	1.694	0.478	-0.736	-1.558	-1.643
2401	24.00	-0.821	0.810	2.863	4.746	5.824	5.620	3.976	1.122	-2.373	-5.759
2411	24.10	-8.323	-9.584	-9.414	-8.048	-5.975	-3.773	-1.921	-0.677	-0.041	0.188
2421	24.20	0.287	0.476	0.831	1.267	1.615	1.725	1.569	1.274	1.074	1.195
2431	24.30	1.716	2.490	3.158	3.269	2.460	0.629	-1.976	-4.801	-7.154	-8.424
2441	24.40	-8.289	-6.809	-4.393	-1.647	0.823	2.593	3.498	3.622	3.196	2.484
2451	24.50	1.693	0.938	0.264	-0.309	-0.759	-1.055	-1.187	-1.194	-1.181	-1.288
2461	24.60	-1.642	-2.300	-3.205	-4.192	-5.029	-5.480	-5.378	-4.676	-3.465	-1.964
2471	24.70	-0.477	0.677	1.241	1.103	0.349	-0.726	-1.679	-2.044	-1.485	0.069
2481	24.80	2.364	4.874	6.968	8.116	8.076	6.973	5.240	3.446	2.088	1.429
2491	24.90	1.456	1.949	2.634	3.318	3.945	4.559	5.194	5.783	6.126	5.971

Table 7-24-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	5.143	3.667	1.805	-0.030	-1.433	-2.180	-2.306	-2.070	-1.809	-1.771
2511	25.10	-2.010	-2.405	-2.772	-3.013	-3.190	-3.480	-4.026	-4.769	-5.375	-5.309
2521	25.20	-4.072	-1.475	2.188	6.160	9.470	11.308	11.354	9.913	7.786	5.915
2531	25.30	4.974	5.081	5.770	6.220	5.638	3.621	0.334	-3.570	-7.219	-9.864
2541	25.40	-11.130	-11.081	-10.104	-8.690	-7.227	-5.904	-4.745	-3.716	-2.830	-2.189
2551	25.50	-1.923	-2.101	-2.646	-3.329	-3.848	-3.953	-3.547	-2.722	-1.709	-0.772
2561	25.60	-0.115	0.177	0.121	-0.215	-0.755	-1.426	-2.119	-2.651	-2.756	-2.145
2571	25.70	-0.628	1.761	4.699	7.621	9.877	10.959	10.687	9.283	7.289	5.354
2581	25.80	3.975	3.303	3.095	2.834	1.973	0.189	-2.439	-5.430	-8.048	-9.563
2591	25.90	-9.510	-7.857	-5.007	-1.658	1.428	3.657	4.761	4.817	4.162	3.225
2601	26.00	2.372	1.804	1.540	1.482	1.504	1.537	1.594	1.743	2.044	2.485
2611	26.10	2.949	3.236	3.133	2.489	1.294	-0.311	-2.053	-3.601	-4.657	-5.025
2621	26.20	-4.665	-3.687	-2.329	-0.891	0.326	1.076	1.220	0.735	-0.282	-1.649
2631	26.30	-3.141	-4.540	-5.678	-6.465	-6.884	-6.976	-6.812	-6.456	-5.953	-5.324
2641	26.40	-4.568	-3.677	-2.647	-1.482	-0.197	1.173	2.572	3.910	5.071	5.918
2651	26.50	6.325	6.207	5.557	4.457	3.072	1.613	0.296	-0.720	-1.353	-1.618
2661	26.60	-1.605	-1.441	-1.254	-1.133	-1.109	-1.158	-1.216	-1.209	-1.079	-0.809
2671	26.70	-0.422	0.030	0.491	0.932	1.369	1.852	2.446	3.182	4.028	4.873
2681	26.80	5.551	5.891	5.781	5.214	4.301	3.232	2.214	1.400	0.843	0.493
2691	26.90	0.241	-0.023	-0.355	-0.737	-1.094	-1.344	-1.444	-1.415	-1.336	-1.301
2701	27.00	-1.380	-1.580	-1.847	-2.086	-2.205	-2.145	-1.899	-1.509	-1.050	-0.608
2711	27.10	-0.267	-0.100	-0.152	-0.426	-0.862	-1.329	-1.640	-1.597	-1.059	-0.010
2721	27.20	1.410	2.923	4.190	4.917	4.954	4.349	3.327	2.210	1.311	0.829
2731	27.30	0.806	1.131	1.606	2.011	2.170	1.981	1.416	0.512	-0.645	-1.912
2741	27.40	-3.103	-4.003	-4.419	-4.241	-3.510	-2.430	-1.341	-0.609	-0.501	-1.078
2751	27.50	-2.151	-3.338	-4.200	-4.402	-3.844	-2.710	-1.396	-0.372	-0.002	-0.417
2761	27.60	-1.473	-2.812	-4.000	-4.678	-4.680	-4.064	-3.065	-1.985	-1.075	-0.460
2771	27.70	-0.119	0.069	0.240	0.471	0.744	0.964	1.021	0.861	0.541	0.220
2781	27.80	0.102	0.336	0.935	1.732	2.425	2.680	2.273	1.200	-0.283	-1.728
2791	27.90	-2.649	-2.697	-1.807	-0.234	1.524	2.905	3.487	3.135	2.049	0.678
2801	28.00	-0.454	-0.932	-0.593	0.453	1.889	3.339	4.500	5.230	5.547	5.559
2811	28.10	5.373	5.025	4.469	3.626	2.455	1.020	-0.494	-1.827	-2.725	-3.023
2821	28.20	-2.700	-1.879	-0.777	0.370	1.373	2.127	2.613	2.866	2.942	2.887
2831	28.30	2.733	2.504	2.226	1.931	1.654	1.418	1.220	1.036	0.825	0.550
2841	28.40	0.193	-0.245	-0.748	-1.296	-1.879	-2.488	-3.110	-3.706	-4.206	-4.520
2851	28.50	-4.562	-4.286	-3.717	-2.955	-2.155	-1.478	-1.046	-0.905	-1.015	-1.274
2861	28.60	-1.568	-1.807	-1.963	-2.063	-2.169	-2.336	-2.582	-2.871	-3.122	-3.234
2871	28.70	-3.121	-2.740	-2.113	-1.328	-0.523	0.134	0.485	0.426	-0.058	-0.865
2881	28.80	-1.779	-2.519	-2.805	-2.449	-1.423	0.119	1.881	3.523	4.770	5.504
2891	28.90	5.780	5.782	5.707	5.661	5.598	5.338	4.669	3.473	1.823	0.004
2901	29.00	-1.574	-2.523	-2.633	-1.951	-0.772	0.481	1.415	1.806	1.650	1.119
2911	29.10	0.451	-0.177	-0.719	-1.248	-1.886	-2.706	-3.673	-4.647	-5.453	-5.968
2921	29.20	-6.186	-6.215	-6.210	-6.275	-6.391	-6.393	-6.037	-5.098	-3.481	-1.273
2931	29.30	1.270	3.798	5.971	7.544	8.411	8.596	8.213	7.426	6.411	5.347
2941	29.40	4.403	3.718	3.378	3.381	3.632	3.964	4.197	4.214	4.014	3.720
2951	29.50	3.536	3.658	4.178	5.038	6.027	6.852	7.237	7.005	6.133	4.736
2961	29.60	3.010	1.155	-0.683	-2.440	-4.113	-5.724	-7.269	-8.699	-9.913	-10.789
2971	29.70	-11.218	-11.137	-10.549	-9.521	-8.167	-6.621	-5.003	-3.404	-1.879	-0.466
2981	29.80	0.794	1.832	2.547	2.822	2.575	1.807	0.647	-0.654	-1.771	-2.402
2991	29.90	-2.364	-1.672	-0.538	0.694	1.679	2.192	2.219	1.950	1.699	1.764

Table 7-24-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.303	3.261	4.399	5.390	5.950	5.955	5.470	4.710	3.931	3.316
3011	30.10	2.895	2.548	2.070	1.279	0.107	-1.348	-2.856	-4.128	-4.931	-5.161
3021	30.20	-4.886	-4.311	-3.708	-3.322	-3.302	-3.653	-4.254	-4.895	-5.338	-5.382
3031	30.30	-4.902	-3.873	-2.373	-0.560	1.353	3.140	4.596	5.578	6.026	5.970
3041	30.40	5.520	4.825	4.039	3.270	2.563	1.899	1.221	0.483	-0.312	-1.086
3051	30.50	-1.700	-1.994	-1.850	-1.251	-0.308	0.752	1.649	2.123	2.023	1.349
3061	30.60	0.251	-1.022	-2.208	-3.110	-3.657	-3.904	-3.994	-4.084	-4.278	-4.584
3071	30.70	-4.912	-5.124	-5.086	-4.729	-4.075	-3.222	-2.307	-1.455	-0.736	-0.156
3081	30.80	0.327	0.770	1.209	1.645	2.043	2.353	2.534	2.568	2.459	2.225
3091	30.90	1.880	1.429	0.875	0.228	-0.475	-1.172	-1.784	-2.240	-2.502	-2.580
3101	31.00	-2.528	-2.429	-2.369	-2.412	-2.581	-2.861	-3.198	-3.507	-3.692	-3.655
3111	31.10	-3.322	-2.664	-1.723	-0.615	0.488	1.399	1.980	2.185	2.088	1.857
3121	31.20	1.699	1.781	2.175	2.838	3.638	4.415	5.047	5.492	5.779	5.977
3131	31.30	6.148	6.310	6.446	6.527	6.552	6.567	6.642	6.830	7.113	7.373
3141	31.40	7.417	7.045	6.131	4.690	2.896	1.028	-0.615	-1.813	-2.488	-2.714
3151	31.50	-2.671	-2.565	-2.555	-2.710	-3.001	-3.336	-3.606	-3.725	-3.662	-3.447
3161	31.60	-3.155	-2.889	-2.746	-2.784	-3.006	-3.344	-3.701	-3.972	-4.105	-4.135
3171	31.70	-4.176	-4.372	-4.817	-5.474	-6.148	-6.518	-6.254	-5.153	-3.246	-0.828
3181	31.80	1.620	3.590	4.722	4.927	4.405	3.552	2.794	2.424	2.520	2.943
3191	31.90	3.445	3.793	3.875	3.734	3.514	3.378	3.417	3.613	3.855	4.009
3201	32.00	3.976	3.732	3.319	2.803	2.230	1.594	0.857	-0.022	-1.047	-2.161
3211	32.10	-3.264	-4.244	-5.021	-5.564	-5.893	-6.052	-6.076	-5.980	-5.755	-5.391
3221	32.20	-4.900	-4.326	-3.736	-3.194	-2.733	-2.345	-1.982	-1.583	-1.098	-0.511
3231	32.30	0.155	0.856	1.543	2.186	2.775	3.316	3.815	4.269	4.654	4.937
3241	32.40	5.087	5.088	4.953	4.720	4.445	4.190	4.004	3.911	3.902	3.937
3251	32.50	3.957	3.893	3.690	3.319	2.780	2.100	1.319	0.472	-0.418	-1.342
3261	32.60	-2.292	-3.242	-4.135	-4.888	-5.400	-5.595	-5.445	-5.001	-4.384	-3.759
3271	32.70	-3.293	-3.101	-3.217	-3.587	-4.094	-4.603	-5.007	-5.267	-5.408	-5.501
3281	32.80	-5.615	-5.770	-5.913	-5.919	-5.635	-4.937	-3.794	-2.300	-0.666	0.836
3291	32.90	1.952	2.528	2.566	2.223	1.761	1.461	1.531	2.044	2.923	3.980
3301	33.00	4.990	5.759	6.188	6.278	6.112	5.809	5.473	5.174	4.938	4.766
3311	33.10	4.652	4.597	4.604	4.666	4.751	4.800	4.740	4.497	4.029	3.330
3321	33.20	2.440	1.426	0.370	-0.652	-1.571	-2.338	-2.917	-3.298	-3.497	-3.564
3331	33.30	-3.573	-3.602	-3.706	-3.885	-4.080	-4.184	-4.079	-3.692	-3.029	-2.190
3341	33.40	-1.343	-0.669	-0.304	-0.292	-0.580	-1.045	-1.542	-1.956	-2.229	-2.357
3351	33.50	-2.364	-2.267	-2.063	-1.729	-1.249	-0.643	0.022	0.638	1.094	1.316
3361	33.60	1.297	1.103	0.848	0.653	0.611	0.755	1.065	1.483	1.933	2.348
3371	33.70	2.670	2.858	2.887	2.749	2.466	2.085	1.688	1.353	1.137	1.044
3381	33.80	1.026	0.994	0.859	0.570	0.135	-0.380	-0.883	-1.290	-1.560	-1.696
3391	33.90	-1.734	-1.706	-1.627	-1.485	-1.266	-0.984	-0.696	-0.495	-0.478	-0.699
3401	34.00	-1.145	-1.729	-2.332	-2.849	-3.237	-3.520	-3.759	-4.006	-4.247	-4.396
3411	34.10	-4.319	-3.903	-3.118	-2.049	-0.873	0.204	1.027	1.556	1.864	2.091
3421	34.20	2.366	2.731	3.123	3.402	3.428	3.137	2.585	1.933	1.383	1.093
3431	34.30	1.111	1.365	1.699	1.947	2.003	1.859	1.585	1.283	1.031	0.842
3441	34.40	0.674	0.463	0.181	-0.138	-0.405	-0.512	-0.400	-0.099	0.262	0.493
3451	34.50	0.413	-0.072	-0.930	-1.997	-3.028	-3.774	-4.057	-3.818	-3.129	-2.154
3461	34.60	-1.097	-0.142	0.596	1.083	1.355	1.497	1.599	1.728	1.913	2.133
3471	34.70	2.336	2.457	2.440	2.265	1.949	1.550	1.142	0.802	0.577	0.485
3481	34.80	0.510	0.618	0.779	0.975	1.200	1.455	1.727	1.979	2.155	2.194
3491	34.90	2.057	1.749	1.322	0.869	0.493	0.272	0.234	0.351	0.551	0.746

Table 7-24-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.857	0.842	0.694	0.436	0.106	-0.261	-0.642	-1.025	-1.406	-1.783
3511	35.10	-2.149	-2.493	-2.801	-3.056	-3.241	-3.345	-3.362	-3.298	-3.170	-3.002
3521	35.20	-2.820	-2.641	-2.468	-2.287	-2.080	-1.838	-1.577	-1.339	-1.185	-1.170
3531	35.30	-1.314	-1.584	-1.889	-2.105	-2.110	-1.827	-1.253	-0.464	0.407	1.210
3541	35.40	1.826	2.195	2.330	2.298	2.195	2.100	2.059	2.069	2.088	2.061
3551	35.50	1.939	1.704	1.368	0.973	0.573	0.223	-0.032	-0.158	-0.138	0.038
3561	35.60	0.360	0.790	1.265	1.688	1.959	1.998	1.783	1.369	0.886	0.494
3571	35.70	0.333	0.458	0.811	1.236	1.528	1.519	1.146	0.476	-0.313	-1.005
3581	35.80	-1.427	-1.508	-1.298	-0.926	-0.538	-0.230	-0.021	0.135	0.300	0.508
3591	35.90	0.731	0.895	0.914	0.736	0.370	-0.119	-0.641	-1.120	-1.511	-1.801
3601	36.00	-1.982	-2.037	-1.931	-1.640	-1.180	-0.638	-0.153	0.129	0.122	-0.143
3611	36.10	-0.517	-0.779	-0.732	-0.288	0.480	1.363	2.098	2.474	2.417	2.008
3621	36.20	1.438	0.918	0.588	0.472	0.490	0.518	0.462	0.303	0.097	-0.063
3631	36.30	-0.105	-0.020	0.132	0.250	0.243	0.066	-0.266	-0.687	-1.110	-1.460
3641	36.40	-1.687	-1.768	-1.700	-1.500	-1.205	-0.875	-0.587	-0.421	-0.424	-0.589
3651	36.50	-0.843	-1.068	-1.148	-1.013	-0.672	-0.213	0.235	0.559	0.704	0.695
3661	36.60	0.612	0.545	0.555	0.645	0.772	0.876	0.925	0.925	0.919	0.952
3671	36.70	1.042	1.161	1.241	1.210	1.023	0.689	0.270	-0.151	-0.495	-0.720
3681	36.80	-0.825	-0.836	-0.782	-0.684	-0.547	-0.367	-0.153	0.074	0.283	0.450
3691	36.90	0.573	0.676	0.794	0.952	1.138	1.304	1.369	1.257	0.923	0.377
3701	37.00	-0.319	-1.068	-1.769	-2.341	-2.733	-2.923	-2.917	-2.734	-2.419	-2.039
3711	37.10	-1.686	-1.459	-1.436	-1.637	-2.006	-2.414	-2.696	-2.710	-2.393	-1.788
3721	37.20	-1.042	-0.354	0.095	0.198	-0.037	-0.502	-1.029	-1.452	-1.654	-1.597
3731	37.30	-1.314	-0.886	-0.401	0.069	0.485	0.837	1.133	1.386	1.601	1.775
3741	37.40	1.893	1.936	1.890	1.753	1.543	1.309	1.119	1.048	1.146	1.417
3751	37.50	1.798	2.161	2.357	2.254	1.793	1.022	0.093	-0.775	-1.363	-1.516
3761	37.60	-1.199	-0.504	0.378	1.217	1.811	2.047	1.922	1.537	1.051	0.629
3771	37.70	0.389	0.370	0.526	0.756	0.936	0.975	0.835	0.546	0.187	-0.155
3781	37.80	-0.415	-0.581	-0.685	-0.783	-0.911	-1.059	-1.161	-1.122	-0.865	-0.374
3791	37.90	0.272	0.921	1.392	1.550	1.356	0.892	0.340	-0.092	-0.236	-0.029
3801	38.00	0.474	1.122	1.723	2.109	2.180	1.919	1.384	0.683	-0.053	-0.690
3811	38.10	-1.107	-1.211	-0.960	-0.374	0.445	1.334	2.094	2.550	2.604	2.259
3821	38.20	1.621	0.854	0.123	-0.461	-0.873	-1.156	-1.392	-1.669	-1.951	-2.269
3831	38.30	-2.546	-2.728	-2.792	-2.756	-2.665	-2.562	-2.463	-2.356	-2.203	-1.973
3841	38.40	-1.659	-1.289	-0.921	-0.612	-0.401	-0.292	-0.253	-0.236	-0.195	-0.110
3851	38.50	0.015	0.152	0.270	0.350	0.393	0.416	0.449	0.514	0.616	0.743
3861	38.60	0.867	0.956	0.987	0.953	0.863	0.739	0.606	0.475	0.344	0.195
3871	38.70	0.008	-0.225	-0.487	-0.731	-0.889	-0.888	-0.675	-0.240	0.377	1.088
3881	38.80	1.777	2.327	2.651	2.705	2.505	2.110	1.616	1.122	0.708	0.413
3891	38.90	0.224	0.078	-0.119	-0.461	-1.006	-1.749	-2.611	-3.458	-4.131	-4.498
3901	39.00	-4.490	-4.127	-3.501	-2.753	-2.022	-1.405	-0.942	-0.611	-0.353	-0.100
3911	39.10	0.199	0.568	0.998	1.462	1.927	2.362	2.749	3.084	3.380	3.664
3921	39.20	3.965	4.306	4.691	5.092	5.452	5.699	5.769	5.631	5.299	4.827
3931	39.30	4.295	3.772	3.302	2.885	2.498	2.110	1.703	1.287	0.887	0.527
3941	39.40	0.208	-0.094	-0.420	-0.807	-1.269	-1.788	-2.320	-2.821	-3.265	-3.648
3951	39.50	-3.981	-4.267	-4.480	-4.568	-4.472	-4.162	-3.669	-3.097	-2.596	-2.316
3961	39.60	-2.348	-2.694	-3.255	-3.872	-4.377	-4.646	-4.626	-4.335	-3.834	-3.199
3971	39.70	-2.499	-1.789	-1.125	-0.571	-0.200	-0.068	-0.194	-0.536	-0.989	-1.422
3981	39.80	-1.713	-1.800	-1.702	-1.507	-1.332	-1.277	-1.380	-1.606	-1.866	-2.057
3991	39.90	-2.103	-1.983	-1.731	-1.414	-1.103	-0.842	-0.640	-0.476	-0.317	-0.139

Table 7-24-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.064	0.260	0.490	0.681	0.849	1.004	1.162	1.332	1.520	1.721
4011	40.10	1.925	2.127	2.328	2.533	2.745	2.964	3.174	3.353	3.473	3.514
4021	40.20	3.470	3.351	3.184	3.003	2.836	2.700	2.594	2.501	2.400	2.266
4031	40.30	2.089	1.869	1.617	1.356	1.106	0.884	0.698	0.542	0.402	0.256
4041	40.40	0.080	-0.144	-0.420	-0.735	-1.060	-1.353	-1.577	-1.709	-1.754	-1.741
4051	40.50	-1.712	-1.707	-1.740	-1.796	-1.830	-1.792	-1.647	-1.398	-1.088	-0.785
4061	40.60	-0.554	-0.431	-0.402	-0.410	-0.379	-0.241	0.030	0.414	0.850	1.268
4071	40.70	1.609	1.853	2.013	2.124	2.222	2.324	2.425	2.501	2.529	2.492
4081	40.80	2.391	2.236	2.041	1.814	1.556	1.270	0.962	0.652	0.365	0.119
4091	40.90	-0.087	-0.277	-0.495	-0.705	-1.166	-1.619	-2.082	-2.465	-2.683	-2.686
4101	41.00	-2.476	-2.114	-1.691	-1.303	-1.014	-0.834	-0.724	-0.615	-0.434	-0.141
4111	41.10	0.262	0.733	1.205	1.618	1.936	2.159	2.316	2.439	2.559	2.676
4121	41.20	2.764	2.785	2.705	2.512	2.216	1.849	1.449	1.047	0.658	0.285
4131	41.30	-0.074	-0.415	-0.725	-0.985	-1.179	-1.307	-1.381	-1.423	-1.453	-1.481
4141	41.40	-1.503	-1.511	-1.505	-1.499	-1.523	-1.604	-1.747	-1.921	-2.058	-2.081
4151	41.50	-1.932	-1.601	-1.145	-0.664	-0.272	-0.048	-0.017	-0.141	-0.351	-0.579
4161	41.60	-0.793	-0.996	-1.210	-1.442	-1.661	-1.794	-1.757	-1.500	-1.045	-0.491
4171	41.70	0.011	0.317	0.350	0.124	-0.255	-0.641	-0.906	-0.991	-0.915	-0.755
4181	41.80	-0.595	-0.488	-0.427	-0.370	-0.263	-0.087	0.133	0.337	0.461	0.472
4191	41.90	0.381	0.237	0.097	-0.006	-0.077	-0.154	-0.231	-0.478	-0.733	-1.002
4201	42.00	-1.244	-1.438	-1.599	-1.767	-1.977	-2.232	-2.486	-2.666	-2.701	-2.564
4211	42.10	-2.289	-1.962	-1.687	-1.530	-1.493	-1.506	-1.455	-1.235	-0.797	-0.170
4221	42.20	0.545	1.217	1.730	2.026	2.115	2.069	1.988	1.962	2.047	2.251
4231	42.30	2.540	2.849	3.109	3.262	3.276	3.153	2.927	2.651	2.379	2.159
4241	42.40	1.968	1.806	1.620	1.370	1.043	0.666	0.291	-0.025	-0.255	-0.414
4251	42.50	-0.558	-0.756	-1.049	-1.419	-1.787	-2.032	-2.045	-1.772	-1.248	-0.582
4261	42.60	0.079	0.604	0.931	1.079	1.130	1.193	1.347	1.615	1.961	2.309
4271	42.70	2.588	2.756	2.819	2.814	2.793	2.788	2.799	2.796	2.732	2.564
4281	42.80	2.272	1.866	1.380	0.865	0.370	-0.063	-0.410	-0.665	-0.841	-0.961
4291	42.90	-1.053	-1.136	-1.217	-1.284	-1.317	-1.289	-1.189	-1.025	-0.823	-0.620
4301	43.00	-0.446	-0.309	-0.189	-0.052	0.137	0.394	0.699	1.005	1.250	1.383
4311	43.10	1.379	1.251	1.038	0.785	0.529	0.282	0.037	-0.224	-0.510	-0.819
4321	43.20	-1.134	-1.435	-1.711	-1.966	-2.216	-2.477	-2.756	-3.038	-3.294	-3.492
4331	43.30	-3.613	-3.662	-3.665	-3.658	-3.664	-3.682	-3.683	-3.615	-3.432	-3.110
4341	43.40	-2.665	-2.148	-1.632	-1.184	-0.845	-0.622	-0.484	-0.389	-0.294	-0.178
4351	43.50	-0.042	0.094	0.210	0.291	0.343	0.385	0.437	0.517	0.624	0.745
4361	43.60	0.859	0.946	1.002	1.033	1.060	1.103	1.178	1.288	1.426	1.582
4371	43.70	1.742	1.902	2.059	2.213	2.366	2.514	2.656	2.788	2.913	3.035
4381	43.80	3.154	3.265	3.351	3.389	3.358	3.247	3.064	2.836	2.599	2.387
4391	43.90	2.217	2.086	1.976	1.861	1.722	1.556	1.375	1.197	1.032	0.880
4401	44.00	0.726	0.547	0.331	0.074	-0.208	-0.496	-0.774	-1.037	-1.294	-1.557
4411	44.10	-1.832	-2.111	-2.370	-2.586	-2.750	-2.873	-2.989	-3.135	-3.329	-3.557
4421	44.20	-3.769	-3.896	-3.878	-3.696	-3.384	-3.022	-2.708	-2.527	-2.517	-2.666
4431	44.30	-2.919	-3.210	-3.481	-3.702	-3.864	-3.962	-3.981	-3.888	-3.643	-3.218
4441	44.40	-2.625	-1.921	-1.202	-0.571	-0.107	0.164	0.276	0.309	0.353	0.478
4451	44.50	0.714	1.046	1.433	1.829	2.204	2.557	2.900	3.253	3.619	3.982
4461	44.60	4.308	4.561	4.718	4.781	4.776	4.740	4.709	4.700	4.696	4.655
4471	44.70	4.519	4.235	3.774	3.143	2.383	1.564	0.761	0.036	-0.579	-1.082
4481	44.80	-1.498	-1.858	-2.181	-2.467	-2.692	-2.819	-2.820	-2.683	-2.424	-2.079
4491	44.90	-1.692	-1.302	-0.930	-0.585	-0.265	0.021	0.255	0.407	0.446	0.358

Table 7-24-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.161	-0.096	-0.342	-0.504	-0.527	-0.393	-0.122	0.231	0.601	0.923
4511	45.10	1.152	1.269	1.275	1.188	1.034	0.838	0.623	0.402	0.180	-0.042
4521	45.20	-0.271	-0.513	-0.773	-1.050	-1.339	-1.625	-1.892	-2.123	-2.301	-2.414
4531	45.30	-2.458	-2.432	-2.365	-2.212	-2.054	-1.889	-1.734	-1.592	-1.459	-1.321
4541	45.40	-1.166	-0.990	-0.806	-0.639	-0.520	-0.475	-0.510	-0.612	-0.746	-0.867
4551	45.50	-0.936	-0.930	-0.844	-0.692	-0.498	-0.288	-0.082	0.110	0.288	0.463
4561	45.60	0.658	0.902	1.223	1.637	2.134	2.677	3.196	3.613	3.861	3.908
4571	45.70	3.774	3.518	3.223	2.961	2.772	2.658	2.590	2.540	2.496	2.480
4581	45.80	2.525	2.654	2.851	3.047	3.138	3.022	2.645	2.033	1.288	0.560
4591	45.90	-0.012	-0.344	-0.439	-0.381	-0.291	-0.281	-0.411	-0.676	-1.022	-1.377
4601	46.00	-1.689	-1.941	-2.148	-2.338	-2.524	-2.691	-2.801	-2.808	-2.684	-2.435
4611	46.10	-2.098	-1.731	-1.390	-1.116	-0.925	-0.818	-0.787	-0.826	-0.930	-1.092
4621	46.20	-1.292	-1.497	-1.671	-1.780	-1.812	-1.777	-1.704	-1.627	-1.566	-1.516
4631	46.30	-1.451	-1.339	-1.158	-0.909	-0.619	-0.332	-0.083	0.115	0.274	0.429
4641	46.40	0.613	0.841	1.094	1.330	1.491	1.535	1.450	1.263	1.027	0.807
4651	46.50	0.655	0.600	0.638	0.747	0.899	1.072	1.251	1.431	1.602	1.745
4661	46.60	1.833	1.832	1.719	1.488	1.154	0.754	0.330	-0.080	-0.453	-0.783
4671	46.70	-1.076	-1.339	-1.576	-1.781	-1.945	-2.061	-2.129	-2.162	-2.180	-2.202
4681	46.80	-2.238	-2.283	-2.322	-2.332	-2.298	-2.215	-2.093	-1.950	-1.802	-1.657
4691	46.90	-1.507	-1.339	-1.138	-0.898	-0.632	-0.362	-0.115	0.092	0.260	0.415
4701	47.00	0.590	0.820	1.119	1.476	1.853	2.194	2.450	2.586	2.597	2.504
4711	47.10	2.342	2.151	1.962	1.789	1.635	1.496	1.368	1.250	1.145	1.056
4721	47.20	0.980	0.907	0.826	0.729	0.614	0.488	0.365	0.253	0.156	0.065
4731	47.30	-0.034	-0.156	-0.306	-0.475	-0.645	-0.788	-0.883	-0.921	-0.902	-0.836
4741	47.40	-0.735	-0.604	-0.444	-0.249	-0.018	0.239	0.502	0.744	0.941	1.082
4751	47.50	1.175	1.243	1.313	1.406	1.525	1.650	1.748	1.784	1.737	1.610
4761	47.60	1.429	1.232	1.058	0.926	0.831	0.748	0.643	0.484	0.261	-0.016
4771	47.70	-0.319	-0.617	-0.884	-1.111	-1.307	-1.485	-1.658	-1.823	-1.961	-2.045
4781	47.80	-2.051	-1.970	-1.811	-1.606	-1.391	-1.198	-1.038	-0.906	-0.780	-0.640
4791	47.90	-0.478	-0.303	-0.145	-0.035	0.002	-0.039	-0.138	-0.265	-0.385	-0.476
4801	48.00	-0.536	-0.577	-0.619	-0.675	-0.740	-0.797	-0.819	-0.785	-0.693	-0.564
4811	48.10	-0.431	-0.334	-0.293	-0.309	-0.356	-0.396	-0.395	-0.337	-0.231	-0.107
4821	48.20	-0.000	0.064	0.083	0.078	0.084	0.131	0.236	0.388	0.560	0.716
4831	48.30	0.829	0.894	0.921	0.931	0.941	0.954	0.954	0.917	0.822	0.666
4841	48.40	0.466	0.256	0.073	-0.062	-0.145	-0.197	-0.247	-0.319	-0.425	-0.556
4851	48.50	-0.693	-0.819	-0.925	-1.019	-1.114	-1.225	-1.352	-1.481	-1.586	-1.642
4861	48.60	-1.634	-1.564	-1.447	-1.303	-1.148	-0.986	-0.812	-0.618	-0.401	-0.172
4871	48.70	0.051	0.250	0.414	0.547	0.669	0.802	0.966	1.163	1.383	1.604
4881	48.80	1.806	1.978	2.122	2.254	2.389	2.540	2.708	2.886	3.060	3.214
4891	48.90	3.338	3.422	3.455	3.428	3.333	3.168	2.942	2.680	2.413	2.174
4901	49.00	1.985	1.846	1.734	1.615	1.452	1.224	0.936	0.613	0.297	0.023
4911	49.10	-0.187	-0.340	-0.461	-0.586	-0.749	-0.964	-1.228	-1.519	-1.808	-2.076
4921	49.20	-2.312	-2.522	-2.717	-2.907	-3.095	-3.271	-3.420	-3.525	-3.576	-3.573
4931	49.30	-3.522	-3.431	-3.306	-3.145	-2.947	-2.716	-2.464	-2.214	-1.995	-1.831
4941	49.40	-1.729	-1.679	-1.653	-1.625	-1.575	-1.504	-1.432	-1.383	-1.373	-1.393
4951	49.50	-1.408	-1.368	-1.228	-0.967	-0.603	-0.187	0.216	0.549	0.783	0.927
4961	49.60	1.016	1.092	1.185	1.296	1.401	1.461	1.445	1.344	1.178	0.987
4971	49.70	0.823	0.725	0.714	0.787	0.924	1.097	1.277	1.441	1.574	1.668
4981	49.80	1.715	1.712	1.658	1.556	1.415	1.249	1.074	0.908	0.769	0.671
4991	49.90	0.624	0.628	0.678	0.762	0.861	0.961	1.050	1.121	1.174	1.212

Table 7-24-11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.235	1.242	1.226	1.183	1.113	1.021	0.918	0.814	0.717	0.629
5011	50.10	0.546	0.463	0.378	0.292	0.211	0.137	0.065	-0.015	-0.118	-0.252
5021	50.20	-0.413	-0.583	-0.738	-0.862	-0.950	-1.019	-1.096	-1.204	-1.346	-1.498
5031	50.30	-1.612	-1.639	-1.549	-1.350	-1.084	-0.817	-0.613	-0.502	-0.478	-0.498
5041	50.40	-0.506	-0.461	-0.353	-0.206	-0.067	0.017	0.020	-0.056	-0.183	-0.328
5051	50.50	-0.463	-0.574	-0.663	-0.736	-0.783	-0.794	-0.746	-0.622	-0.422	-0.167
5061	50.60	0.106	0.353	0.544	0.667	0.727	0.743	0.731	0.696	0.633	0.527
5071	50.70	0.366	0.152	-0.099	-0.355	-0.579	-0.738	-0.810	-0.789	-0.686	-0.529
5081	50.80	-0.356	-0.208	-0.123	-0.126	-0.226	-0.409	-0.648	-0.907	-1.154	-1.370
5091	50.90	-1.553	-1.708	-1.839	-1.941	-1.988	-1.945	-1.780	-1.476	-1.051	-0.551
5101	51.00	-0.042	0.408	0.754	0.984	1.121	1.210	1.301	1.428	1.599	1.799
5111	51.10	1.995	2.154	2.257	2.303	2.309	2.302	2.307	2.340	2.397	2.464
5121	51.20	2.517	2.533	2.502	2.424	2.316	2.200	2.101	2.030	1.982	1.940
5131	51.30	1.874	1.760	1.586	1.358	1.102	0.853	0.660	0.682	0.372	0.289
5141	51.40	0.204	0.091	-0.061	-0.247	-0.450	-0.645	-0.814	-0.949	-1.052	-1.134
5151	51.50	-1.207	-1.279	-1.354	-1.432	-1.507	-1.576	-1.636	-1.685	-1.726	-1.760
5161	51.60	-1.794	-1.833	-1.882	-1.939	-1.998	-2.046	-2.066	-2.043	-1.970	-1.854
5171	51.70	-1.711	-1.563	-1.431	-1.326	-1.243	-1.176	-1.107	-1.026	-0.932	-0.834
5181	51.80	-0.739	-0.655	-0.583	-0.517	-0.450	-0.379	-0.310	-0.249	-0.205	-0.176
5191	51.90	-0.152	-0.115	-0.048	0.056	0.188	0.325	0.440	0.515	0.545	0.548
5201	52.00	0.551	0.580	0.646	0.741	0.843	0.921	0.951	0.925	0.849	0.741
5211	52.10	0.616	0.485	0.350	0.207	0.061	-0.073	-0.168	-0.196	-0.137	0.006
5221	52.20	0.211	0.435	0.632	0.768	0.828	0.821	0.771	0.704	0.638	0.578
5231	52.30	0.514	0.436	0.336	0.218	0.098	-0.006	-0.078	-0.114	-0.126	-0.132
5241	52.40	-0.154	-0.208	-0.299	-0.422	-0.564	-0.712	-0.858	-0.997	-1.133	-1.269
5251	52.50	-1.407	-1.547	-1.687	-1.824	-1.954	-2.072	-2.174	-2.253	-2.301	-2.309
5261	52.60	-2.270	-2.181	-2.045	-1.866	-1.650	-1.403	-1.132	-0.847	-0.557	-0.276
5271	52.70	-0.017	0.215	0.426	0.633	0.860	1.127	1.440	1.786	2.130	2.434
5281	52.80	2.666	2.817	2.903	2.965	3.040	3.153	3.299	3.441	3.531	3.527
5291	52.90	3.411	3.202	2.944	2.688	2.473	2.306	2.165	2.010	1.806	1.535
5301	53.00	1.210	0.861	0.528	0.237	-0.004	-0.207	-0.393	-0.578	-0.765	-0.945
5311	53.10	-1.102	-1.223	-1.307	-1.364	-1.410	-1.460	-1.523	-1.597	-1.677	-1.759
5321	53.20	-1.838	-1.914	-1.982	-2.031	-2.042	-1.994	-1.873	-1.683	-1.441	-1.182
5331	53.30	-0.941	-0.742	-0.592	-0.478	-0.378	-0.267	-0.133	0.023	0.187	0.340
5341	53.40	0.468	0.569	0.647	0.718	0.793	0.879	0.977	1.079	1.171	1.243
5351	53.50	1.284	1.290	1.261	1.203	1.126	1.043	0.967	0.906	0.860	0.823
5361	53.60	0.783	0.731	0.662	0.581	0.501	0.439	0.406	0.402	0.416	0.427
5371	53.70	0.416	0.372	0.300	0.222	0.164	0.152	0.201	0.304	0.440	0.579
5381	53.80	0.695	0.772	0.814	0.839	0.871	0.927	1.009	1.101	1.172	1.189
5391	53.90	1.128	0.985	0.778	0.539	0.303	0.096	-0.077	-0.230	-0.387	-0.569
5401	54.00	-0.786	-1.025	-1.262	-1.469	-1.627	-1.736	-1.814	-1.888	-1.982	-2.100
5411	54.10	-2.231	-2.346	-2.414	-2.414	-2.348	-2.233	-2.100	-1.979	-1.886	-1.824
5421	54.20	-1.781	-1.738	-1.684	-1.613	-1.531	-1.449	-1.376	-1.315	-1.266	-1.224
5431	54.30	-1.187	-1.158	-1.147	-1.165	-1.218	-1.304	-1.411	-1.518	-1.600	-1.638
5441	54.40	-1.623	-1.558	-1.459	-1.349	-1.246	-1.160	-1.089	-1.018	-0.928	-0.803
5451	54.50	-0.638	-0.443	-0.235	-0.035	0.146	0.312	0.481	0.675	0.914	1.197
5461	54.60	1.504	1.799	2.045	2.217	2.319	2.377	2.437	2.537	2.699	2.912
5471	54.70	3.138	3.323	3.418	3.396	3.256	3.025	2.745	2.459	2.200	1.984
5481	54.80	1.811	1.669	1.541	1.410	1.265	1.101	0.921	0.740	0.574	0.446
5491	54.90	0.370	0.351	0.375	0.417	0.444	0.425	0.342	0.196	-0.000	-0.222

Table 7-24-12 TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.447	-0.660	-0.854	-1.030	-1.189	-1.331	-1.455	-1.561	-1.654	-1.743
5511	55.10	-1.838	-1.939	-2.034	-2.096	-2.089	-1.985	-1.775	-1.478	-1.135	-0.804
5521	55.20	-0.531	-0.365	-0.244	-0.204	-0.189	-0.171	-0.138	-0.095	-0.059	-0.043
5531	55.30	-0.051	-0.073	-0.089	-0.081	-0.041	0.026	0.106	0.182	0.244	0.290
5541	55.40	0.326	0.361	0.399	0.439	0.474	0.500	0.516	0.527	0.541	0.559
5551	55.50	0.575	0.576	0.547	0.481	0.385	0.285	0.216	0.210	0.281	0.422
5561	55.60	0.601	0.775	0.905	0.970	0.971	0.930	0.877	0.838	0.820	0.813
5571	55.70	0.796	0.745	0.650	0.515	0.362	0.214	0.094	0.006	-0.062	-0.133
5581	55.80	-0.232	-0.374	-0.556	-0.758	-0.949	-1.101	-1.198	-1.242	-1.254	-1.260
5591	55.90	-1.282	-1.326	-1.381	-1.423	-1.426	-1.378	-1.283	-1.161	-1.041	-0.943
5601	56.00	-0.873	-0.814	-0.735	-0.605	-0.409	-0.152	0.138	0.427	0.684	0.896
5611	56.10	1.070	1.226	1.384	1.553	1.722	1.871	1.977	2.031	2.044	2.045
5621	56.20	2.065	2.127	2.227	2.337	2.414	2.414	2.312	2.112	1.840	1.542
5631	56.30	1.258	1.017	0.826	0.674	0.539	0.401	0.247	0.072	-0.120	-0.324
5641	56.40	-0.533	-0.742	-0.946	-1.138	-1.311	-1.456	-1.569	-1.648	-1.697	-1.725
5651	56.50	-1.742	-1.761	-1.790	-1.837	-1.903	-1.984	-2.070	-2.142	-2.182	-2.172
5661	56.60	-2.103	-1.980	-1.820	-1.645	-1.475	-1.324	-1.188	-1.055	-0.910	-0.743
5671	56.70	-0.557	-0.366	-0.189	-0.042	0.069	0.152	0.223	0.297	0.380	0.464
5681	56.80	0.533	0.569	0.559	0.503	0.412	0.299	0.180	0.061	-0.052	-0.158
5691	56.90	-0.253	-0.327	-0.374	-0.389	-0.382	-0.372	-0.382	-0.432	-0.522	-0.637
5701	57.00	-0.745	-0.816	-0.825	-0.772	-0.675	-0.561	-0.459	-0.379	-0.317	-0.255
5711	57.10	-0.174	-0.061	0.077	0.223	0.357	0.462	0.535	0.586	0.630	0.684
5721	57.20	0.754	0.841	0.936	1.036	1.132	1.230	1.332	1.438	1.544	1.641
5731	57.30	1.723	1.788	1.842	1.895	1.954	2.016	2.070	2.096	2.072	1.988
5741	57.40	1.850	1.679	1.501	1.346	1.226	1.141	1.077	1.013	0.934	0.830
5751	57.50	0.707	0.573	0.440	0.314	0.194	0.076	-0.047	-0.179	-0.320	-0.467
5761	57.60	-0.613	-0.753	-0.885	-1.004	-1.105	-1.186	-1.243	-1.278	-1.299	-1.316
5771	57.70	-1.343	-1.392	-1.464	-1.554	-1.649	-1.732	-1.795	-1.837	-1.868	-1.905
5781	57.80	-1.960	-2.038	-2.129	-2.210	-2.257	-2.247	-2.172	-2.042	-1.879	-1.712
5791	57.90	-1.566	-1.454	-1.371	-1.306	-1.240	-1.158	-1.059	-0.946	-0.831	-0.725
5801	58.00	-0.632	-0.548	-0.463	-0.369	-0.261	-0.143	-0.024	0.085	0.181	0.264
5811	58.10	0.343	0.427	0.523	0.630	0.741	0.846	0.935	1.006	1.062	1.112
5821	58.20	1.161	1.215	1.271	1.328	1.383	1.435	1.488	1.546	1.611	1.679
5831	58.30	1.746	1.804	1.852	1.893	1.935	1.986	2.050	2.121	2.190	2.243
5841	58.40	2.270	2.271	2.254	2.228	2.200	2.167	2.115	2.029	1.895	1.715
5851	58.50	1.503	1.284	1.084	0.918	0.788	0.684	0.587	0.481	0.360	0.227
5861	58.60	0.096	-0.023	-0.124	-0.210	-0.288	-0.367	-0.453	-0.544	-0.638	-0.729
5871	58.70	-0.816	-0.900	-0.985	-1.070	-1.154	-1.232	-1.302	-1.364	-1.424	-1.490
5881	58.80	-1.566	-1.649	-1.732	-1.799	-1.841	-1.854	-1.848	-1.838	-1.840	-1.863
5891	58.90	-1.905	-1.957	-2.006	-2.047	-2.082	-2.121	-2.174	-2.244	-2.317	-2.374
5901	59.00	-2.389	-2.344	-2.235	-2.075	-1.886	-1.691	-1.509	-1.346	-1.201	-1.067
5911	59.10	-0.937	-0.804	-0.664	-0.509	-0.335	-0.140	0.071	0.284	0.477	0.631
5921	59.20	0.737	0.808	0.873	0.971	1.134	1.372	1.668	1.984	2.274	2.506
5931	59.30	2.672	2.787	2.879	2.974	3.075	3.167	3.219	3.205	3.114	2.962
5941	59.40	2.785	2.621	2.499	2.425	2.384	2.349	2.294	2.206	2.086	1.947
5951	59.50	1.801	1.658	1.516	1.373	1.227	1.079	0.938	0.807	0.688	0.571
5961	59.60	0.442	0.289	0.107	-0.099	-0.312	-0.518	-0.703	-0.868	-1.016	-1.153
5971	59.70	-1.281	-1.393	-1.479	-1.529	-1.545	-1.535	-1.512	-1.491	-1.472	-1.449
5981	59.80	-1.408	-1.340	-1.251	-1.158	-1.092	-1.082	-1.142	-1.265	-1.425	-1.587
5991	59.90	-1.719	-1.806	-1.851	-1.870	-1.886	-1.914	-1.963	-2.027	-2.099	-2.171

Table 7-24-13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.236	-2.292	-2.335	-2.358	-2.353	-2.313	-2.236	-2.131	-2.013	-1.899
6011	60.10	-1.802	-1.728	-1.670	-1.620	-1.565	-1.499	-1.418	-1.323	-1.212	-1.083
6021	60.20	-0.927	-0.739	-0.520	-0.279	-0.034	0.194	0.391	0.550	0.677	0.786
6031	60.30	0.894	1.013	1.148	1.292	1.436	1.566	1.673	1.751	1.799	1.823
6041	60.40	1.831	1.837	1.853	1.894	1.968	2.073	2.196	2.313	2.398	2.429
6051	60.50	2.394	2.301	2.166	2.016	1.873	1.747	1.640	1.541	1.437	1.318
6061	60.60	1.183	1.041	0.902	0.778	0.673	0.584	0.504	0.427	0.346	0.265
6071	60.70	0.188	0.124	0.078	0.049	0.034	0.021	-0.001	-0.039	-0.097	-0.169
6081	60.80	-0.244	-0.307	-0.345	-0.346	-0.311	-0.245	-0.161	-0.071	0.014	0.090
6091	60.90	0.157	0.220	0.280	0.337	0.387	0.426	0.450	0.465	0.478	0.498
6101	61.00	0.524	0.551	0.562	0.539	0.472	0.362	0.226	0.090	-0.022	-0.099
6111	61.10	-0.147	-0.186	-0.236	-0.313	-0.415	-0.527	-0.629	-0.710	-0.773	-0.837
6121	61.20	-0.923	-1.043	-1.188	-1.327	-1.421	-1.438	-1.368	-1.230	-1.062	-0.905
6131	61.30	-0.786	-0.706	-0.645	-0.579	-0.492	-0.390	-0.297	-0.244	-0.250	-0.310
6141	61.40	-0.400	-0.487	-0.547	-0.578	-0.601	-0.647	-0.737	-0.870	-1.022	-1.157
6151	61.50	-1.246	-1.284	-1.292	-1.306	-1.355	-1.442	-1.542	-1.607	-1.594	-1.485
6161	61.60	-1.300	-1.084	-0.894	-0.768	-0.711	-0.692	-0.667	-0.597	-0.472	-0.310
6171	61.70	-0.147	-0.015	0.076	0.142	0.222	0.352	0.551	0.808	1.087	1.347
6181	61.80	1.555	1.703	1.805	1.887	1.973	2.074	2.184	2.288	2.370	2.422
6191	61.90	2.447	2.450	2.431	2.383	2.288	2.131	1.904	1.620	1.307	1.004
6201	62.00	0.747	0.556	0.431	0.349	0.280	0.194	0.075	-0.075	-0.237	-0.383
6211	62.10	-0.490	-0.544	-0.550	-0.528	-0.505	-0.508	-0.552	-0.638	-0.747	-0.855
6221	62.20	-0.935	-0.969	-0.952	-0.890	-0.795	-0.683	-0.562	-0.440	-0.320	-0.209
6231	62.30	-0.112	-0.032	0.034	0.103	0.195	0.328	0.502	0.693	0.853	0.924
6241	62.40	0.859	0.642	0.304	-0.087	-0.450	-0.715	-0.852	-0.877	-0.844	-0.816
6251	62.50	-0.834	-0.906	-1.000	-1.066	-1.061	-0.971	-0.817	-0.644	-0.505	-0.428
6261	62.60	-0.417	-0.446	-0.475	-0.474	-0.431	-0.356	-0.271	-0.198	-0.145	-0.107
6271	62.70	-0.069	-0.019	0.049	0.127	0.202	0.261	0.303	0.334	0.365	0.407
6281	62.80	0.462	0.525	0.588	0.645	0.695	0.747	0.810	0.888	0.976	1.061
6291	62.90	1.125	1.159	1.164	1.153	1.146	1.161	1.203	1.265	1.325	1.362
6301	63.00	1.359	1.311	1.231	1.135	1.044	0.967	0.905	0.850	0.787	0.708
6311	63.10	0.609	0.497	0.381	0.270	0.170	0.079	-0.010	-0.101	-0.197	-0.296
6321	63.20	-0.391	-0.477	-0.551	-0.618	-0.684	-0.761	-0.852	-0.957	-1.067	-1.171
6331	63.30	-1.261	-1.334	-1.400	-1.469	-1.552	-1.654	-1.767	-1.875	-1.961	-2.015
6341	63.40	-2.037	-2.043	-2.053	-2.087	-2.152	-2.237	-2.318	-2.365	-2.351	-2.265
6351	63.50	-2.115	-1.922	-1.713	-1.515	-1.342	-1.197	-1.072	-0.957	-0.842	-0.722
6361	63.60	-0.598	-0.476	-0.360	-0.257	-0.172	-0.105	-0.056	-0.020	0.012	0.050
6371	63.70	0.104	0.176	0.263	0.349	0.413	0.435	0.403	0.320	0.202	0.076
6381	63.80	-0.029	-0.093	-0.109	-0.087	-0.043	0.005	0.048	0.088	0.139	0.215
6391	63.90	0.325	0.466	0.624	0.779	0.913	1.017	1.096	1.164	1.236	1.324
6401	64.00	1.427	1.536	1.636	1.716	1.778	1.829	1.887	1.966	2.068	2.183
6411	64.10	2.288	2.358	2.371	2.323	2.224	2.098	1.970	1.862	1.781	1.726
6421	64.20	1.686	1.650	1.611	1.563	1.506	1.439	1.358	1.258	1.135	0.992
6431	64.30	0.840	0.691	0.559	0.452	0.366	0.289	0.210	0.117	0.010	-0.105
6441	64.40	-0.216	-0.313	-0.397	-0.473	-0.555	-0.651	-0.761	-0.876	-0.978	-1.052
6451	64.50	-1.089	-1.094	-1.083	-1.074	-1.081	-1.109	-1.152	-1.195	-1.229	-1.247
6461	64.60	-1.254	-1.260	-1.276	-1.304	-1.340	-1.370	-1.383	-1.368	-1.326	-1.268
6471	64.70	-1.208	-1.157	-1.123	-1.104	-1.092	-1.079	-1.057	-1.028	-0.998	-0.975
6481	64.80	-0.964	-0.969	-0.986	-1.008	-1.024	-1.026	-1.008	-0.967	-0.904	-0.820
6491	64.90	-0.722	-0.617	-0.514	-0.421	-0.343	-0.283	-0.237	-0.199	-0.160	-0.111

Table 7-24-14 TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-0.052	0.016	0.086	0.149	0.200	0.239	0.270	0.299	0.334	0.377
6511	65.10	0.427	0.479	0.527	0.569	0.606	0.640	0.676	0.716	0.755	0.790
6521	65.20	0.816	0.831	0.842	0.857	0.885	0.928	0.981	1.031	1.060	1.055
6531	65.30	1.010	0.932	0.838	0.744	0.668	0.615	0.587	0.577	0.578	0.587
6541	65.40	0.599	0.615	0.628	0.631	0.617	0.580	0.523	0.455	0.393	0.351
6551	65.50	0.340	0.360	0.405	0.463	0.530	0.605	0.693	0.798	0.917	1.038
6561	65.60	1.141	1.203	1.212	1.169	1.089	0.997	0.913	0.852	0.811	0.777
6571	65.70	0.736	0.679	0.604	0.523	0.447	0.385	0.336	0.294	0.246	0.187
6581	65.80	0.118	0.044	-0.023	-0.078	-0.124	-0.174	-0.241	-0.338	-0.464	-0.610
6591	65.90	-0.760	-0.896	-1.006	-1.090	-1.156	-1.217	-1.285	-1.367	-1.460	-1.558
6601	66.00	-1.652	-1.737	-1.811	-1.878	-1.948	-2.025	-2.113	-2.207	-2.295	-2.362
6611	66.10	-2.391	-2.368	-2.292	-2.170	-2.021	-1.867	-1.729	-1.616	-1.525	-1.441
6621	66.20	-1.344	-1.218	-1.059	-0.873	-0.679	-0.499	-0.348	-0.230	-0.139	-0.061
6631	66.30	0.015	0.098	0.189	0.287	0.390	0.499	0.621	0.757	0.903	1.043
6641	66.40	1.152	1.204	1.180	1.083	0.932	0.764	0.618	0.524	0.489	0.499
6651	66.50	0.523	0.530	0.498	0.423	0.323	0.222	0.147	0.108	0.103	0.112
6661	66.60	0.113	0.091	0.044	-0.013	-0.060	-0.074	-0.047	0.013	0.088	0.152
6671	66.70	0.187	0.191	0.181	0.183	0.225	0.321	0.467	0.639	0.804	0.933
6681	66.80	1.008	1.036	1.039	1.045	1.078	1.148	1.246	1.351	1.441	1.500
6691	66.90	1.525	1.528	1.523	1.520	1.518	1.509	1.476	1.407	1.301	1.166
6701	67.00	1.023	0.892	0.787	0.711	0.656	0.607	0.551	0.479	0.391	0.295
6711	67.10	0.198	0.108	0.024	-0.056	-0.137	-0.225	-0.318	-0.414	-0.505	-0.587
6721	67.20	-0.657	-0.714	-0.762	-0.803	-0.840	-0.875	-0.907	-0.938	-0.972	-1.013
6731	67.30	-1.067	-1.133	-1.209	-1.283	-1.337	-1.354	-1.322	-1.238	-1.114	-0.970
6741	67.40	-0.831	-0.715	-0.630	-0.571	-0.520	-0.456	-0.368	-0.254	-0.131	-0.017
6751	67.50	0.070	0.123	0.154	0.185	0.237	0.320	0.423	0.517	0.565	0.534
6761	67.60	0.417	0.230	0.013	-0.189	-0.341	-0.434	-0.481	-0.515	-0.569	-0.661
6771	67.70	-0.789	-0.930	-1.055	-1.141	-1.183	-1.195	-1.201	-1.225	-1.275	-1.343
6781	67.80	-1.406	-1.434	-1.408	-1.323	-1.191	-1.035	-0.880	-0.742	-0.629	-0.537
6791	67.90	-0.455	-0.372	-0.283	-0.183	-0.074	0.043	0.164	0.289	0.415	0.541
6801	68.00	0.666	0.788	0.910	1.034	1.161	1.289	1.408	1.509	1.581	1.621
6811	68.10	1.638	1.650	1.679	1.740	1.830	1.924	1.982	1.958	1.818	1.561
6821	68.20	1.222	0.867	0.574	0.411	0.408	0.548	0.772	0.996	1.138	1.144
6831	68.30	1.007	0.760	0.466	0.195	-0.001	-0.103	-0.121	-0.090	-0.049	-0.029
6841	68.40	-0.043	-0.088	-0.147	-0.204	-0.251	-0.284	-0.310	-0.336	-0.363	-0.389
6851	68.50	-0.410	-0.420	-0.418	-0.409	-0.404	-0.411	-0.438	-0.483	-0.538	-0.588
6861	68.60	-0.618	-0.612	-0.565	-0.479	-0.367	-0.249	-0.147	-0.079	-0.053	-0.065
6871	68.70	-0.098	-0.130	-0.141	-0.121	-0.072	-0.011	0.042	0.065	0.050	-0.001
6881	68.80	-0.073	-0.148	-0.214	-0.266	-0.307	-0.347	-0.393	-0.447	-0.505	-0.559
6891	68.90	-0.604	-0.639	-0.669	-0.699	-0.732	-0.766	-0.796	-0.817	-0.830	-0.845
6901	69.00	-0.871	-0.918	-0.983	-1.046	-1.081	-1.058	-0.963	-0.800	-0.596	-0.392
6911	69.10	-0.221	-0.102	-0.029	0.026	0.095	0.205	0.363	0.560	0.773	0.982
6921	69.20	1.177	1.364	1.553	1.751	1.949	2.125	2.247	2.288	2.241	2.121
6931	69.30	1.962	1.807	1.685	1.607	1.560	1.520	1.460	1.367	1.243	1.105
6941	69.40	0.972	0.857	0.764	0.682	0.600	0.509	0.407	0.296	0.184	0.070
6951	69.50	-0.046	-0.170	-0.303	-0.439	-0.563	-0.658	-0.714	-0.734	-0.735	-0.743
6961	69.60	-0.780	-0.859	-0.973	-1.102	-1.223	-1.319	-1.389	-1.446	-1.511	-1.598
6971	69.70	-1.709	-1.830	-1.936	-2.002	-2.014	-1.974	-1.899	-1.809	-1.723	-1.648
6981	69.80	-1.586	-1.531	-1.478	-1.427	-1.380	-1.338	-1.296	-1.243	-1.165	-1.053
6991	69.90	-0.908	-0.744	-0.582	-0.444	-0.343	-0.277	-0.233	-0.191	-0.133	-0.054

Table 7-24-15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	0.043	0.145	0.239	0.318	0.382	0.438	0.494	0.555	0.621	0.691
7011	70.10	0.762	0.832	0.902	0.974	1.046	1.111	1.164	1.200	1.220	1.233
7021	70.20	1.253	1.289	1.346	1.418	1.490	1.548	1.578	1.578	1.554	1.516
7031	70.30	1.474	1.429	1.381	1.323	1.252	1.169	1.077	0.978	0.868	0.739
7041	70.40	0.579	0.379	0.145	-0.106	-0.345	-0.543	-0.680	-0.757	-0.793	-0.819
7051	70.50	-0.862	-0.940	-1.046	-1.162	-1.262	-1.326	-1.350	-1.346	-1.338	-1.347
7061	70.60	-1.388	-1.459	-1.544	-1.622	-1.676	-1.695	-1.679	-1.634	-1.574	-1.506
7071	70.70	-1.438	-1.371	-1.306	-1.231	-1.143	-1.031	-0.884	-0.697	-0.472	-0.220
7081	70.80	0.034	0.267	0.454	0.589	0.677	0.743	0.815	0.919	1.063	1.239
7091	70.90	1.422	1.582	1.698	1.761	1.781	1.779	1.776	1.783	1.796	1.801
7101	71.00	1.780	1.721	1.623	1.500	1.370	1.250	1.146	1.052	0.954	0.860
7111	71.10	0.703	0.550	0.392	0.246	0.117	0.004	-0.105	-0.223	-0.356	-0.499
7121	71.20	-0.635	-0.743	-0.810	-0.837	-0.841	-0.849	-0.883	-0.957	-1.058	-1.162
7131	71.30	-1.232	-1.242	-1.179	-1.056	-0.898	-0.739	-0.605	-0.507	-0.442	-0.393
7141	71.40	-0.342	-0.278	-0.197	-0.106	-0.013	0.074	0.152	0.225	0.294	0.364
7151	71.50	0.431	0.494	0.547	0.590	0.624	0.652	0.679	0.703	0.724	0.737
7161	71.60	0.744	0.748	0.756	0.777	0.815	0.866	0.918	0.956	0.965	0.940
7171	71.70	0.886	0.817	0.749	0.695	0.660	0.636	0.611	0.571	0.511	0.435
7181	71.80	0.355	0.284	0.231	0.196	0.170	0.138	0.090	0.020	-0.062	-0.140
7191	71.90	-0.196	-0.217	-0.200	-0.157	-0.104	-0.058	-0.031	-0.020	-0.015	0.001
7201	72.00	0.042	0.112	0.199	0.282	0.334	0.333	0.271	0.155	0.007	-0.144
7211	72.10	-0.273	-0.367	-0.428	-0.470	-0.510	-0.565	-0.637	-0.719	-0.798	-0.861
7221	72.20	-0.903	-0.931	-0.958	-0.999	-1.062	-1.143	-1.228	-1.300	-1.349	-1.375
7231	72.30	-1.392	-1.420	-1.472	-1.547	-1.628	-1.689	-1.702	-1.659	-1.568	-1.460
7241	72.40	-1.369	-1.319	-1.308	-1.309	-1.272	-1.151	-0.918	-0.583	-0.189	0.200
7251	72.50	0.521	0.733	0.832	0.850	0.840	0.854	0.926	1.059	1.227	1.388
7261	72.60	1.502	1.544	1.512	1.426	1.315	1.207	1.118	1.048	0.985	0.914
7271	72.70	0.825	0.717	0.599	0.486	0.391	0.319	0.268	0.227	0.183	0.128
7281	72.80	0.061	-0.013	-0.086	-0.151	-0.206	-0.256	-0.312	-0.381	-0.466	-0.564
7291	72.90	-0.660	-0.739	-0.784	-0.781	-0.726	-0.621	-0.476	-0.308	-0.141	-0.000
7301	73.00	0.088	0.105	0.044	-0.085	-0.255	-0.432	-0.581	-0.682	-0.735	-0.759
7311	73.10	-0.783	-0.834	-0.917	-1.019	-1.104	-1.132	-1.072	-0.919	-0.696	-0.443
7321	73.20	-0.207	-0.023	0.096	0.159	0.191	0.219	0.257	0.308	0.362	0.407
7331	73.30	0.435	0.449	0.461	0.487	0.535	0.605	0.687	0.760	0.808	0.816
7341	73.40	0.781	0.710	0.616	0.515	0.419	0.336	0.269	0.211	0.155	0.093
7351	73.50	0.018	-0.069	-0.160	-0.245	-0.314	-0.365	-0.402	-0.440	-0.492	-0.562
7361	73.60	-0.645	-0.716	-0.748	-0.712	-0.598	-0.417	-0.197	0.023	0.211	0.350
7371	73.70	0.446	0.520	0.601	0.705	0.837	0.985	1.131	1.261	1.368	1.459
7381	73.80	1.547	1.639	1.737	1.831	1.904	1.941	1.935	1.888	1.811	1.716
7391	73.90	1.611	1.501	1.388	1.273	1.161	1.059	0.973	0.904	0.846	0.784
7401	74.00	0.705	0.603	0.481	0.352	0.230	0.128	0.047	-0.019	-0.082	-0.152
7411	74.10	-0.233	-0.316	-0.394	-0.457	-0.507	-0.550	-0.599	-0.661	-0.734	-0.807
7421	74.20	-0.866	-0.900	-0.912	-0.917	-0.937	-0.991	-1.080	-1.189	-1.286	-1.335
7431	74.30	-1.310	-1.207	-1.047	-0.867	-0.704	-0.586	-0.519	-0.487	-0.461	-0.416
7441	74.40	-0.338	-0.231	-0.118	-0.028	0.014	-0.006	-0.081	-0.192	-0.314	-0.423
7451	74.50	-0.509	-0.569	-0.615	-0.657	-0.707	-0.767	-0.832	-0.895	-0.951	-0.998
7461	74.60	-1.041	-1.087	-1.142	-1.205	-1.273	-1.336	-1.387	-1.428	-1.463	-1.505
7471	74.70	-1.560	-1.627	-1.695	-1.742	-1.749	-1.703	-1.608	-1.483	-1.352	-1.239
7481	74.80	-1.151	-1.081	-1.011	-0.918	-0.787	-0.618	-0.424	-0.225	-0.038	0.130
7491	74.90	0.285	0.435	0.591	0.755	0.920	1.077	1.219	1.346	1.466	1.591

Table 7-24-16 TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	1.725	1.867	2.001	2.111	2.183	2.218	2.229	2.238	2.264	2.317
7511	75.10	2.389	2.458	2.500	2.496	2.439	2.340	2.219	2.096	1.986	1.895
7521	75.20	1.819	1.750	1.679	1.602	1.515	1.419	1.314	1.201	1.083	0.961
7531	75.30	0.843	0.729	0.621	0.512	0.395	0.262	0.110	-0.055	-0.221	-0.377
7541	75.40	-0.517	-0.643	-0.765	-0.895	-1.037	-1.186	-1.325	-1.434	-1.503	-1.532
7551	75.50	-1.538	-1.544	-1.572	-1.624	-1.690	-1.746	-1.769	-1.754	-1.713	-1.678
7561	75.60	-1.679	-1.736	-1.840	-1.957	-2.041	-2.050	-1.963	-1.793	-1.579	-1.368
7571	75.70	-1.199	-1.090	-1.031	-0.995	-0.950	-0.876	-0.771	-0.648	-0.529	-0.430
7581	75.80	-0.357	-0.305	-0.261	-0.211	-0.150	-0.081	-0.009	0.059	0.122	0.186
7591	75.90	0.258	0.345	0.446	0.553	0.652	0.731	0.781	0.804	0.809	0.812
7601	76.00	0.827	0.860	0.915	0.984	1.057	1.125	1.180	1.220	1.248	1.268
7611	76.10	1.286	1.302	1.313	1.313	1.296	1.255	1.193	1.116	1.031	0.950
7621	76.20	0.879	0.820	0.769	0.718	0.663	0.599	0.529	0.457	0.390	0.330
7631	76.30	0.276	0.223	0.166	0.101	0.028	-0.048	-0.122	-0.187	-0.242	-0.287
7641	76.40	-0.327	-0.366	-0.405	-0.444	-0.479	-0.509	-0.533	-0.555	-0.575	-0.598
7651	76.50	-0.621	-0.643	-0.656	-0.658	-0.645	-0.619	-0.586	-0.551	-0.518	-0.491
7661	76.60	-0.468	-0.445	-0.421	-0.393	-0.362	-0.328	-0.294	-0.263	-0.236	-0.215
7671	76.70	-0.199	-0.189	-0.181	-0.171	-0.154	-0.129	-0.095	-0.057	-0.022	0.005
7681	76.80	0.019	0.024	0.025	0.029	0.042	0.062	0.082	0.090	0.077	0.036
7691	76.90	-0.030	-0.111	-0.197	-0.277	-0.345	-0.404	-0.460	-0.521	-0.589	-0.663
7701	77.00	-0.737	-0.801	-0.852	-0.887	-0.906	-0.912	-0.902	-0.871	-0.812	-0.720
7711	77.10	-0.595	-0.449	-0.298	-0.161	-0.052	0.025	0.078	0.122	0.176	0.250
7721	77.20	0.344	0.447	0.542	0.615	0.661	0.688	0.710	0.747	0.808	0.893
7731	77.30	0.989	1.079	1.150	1.200	1.241	1.291	1.366	1.470	1.589	1.692
7741	77.40	1.746	1.725	1.624	1.459	1.266	1.084	0.942	0.851	0.799	0.761
7751	77.50	0.709	0.623	0.501	0.353	0.198	0.050	-0.081	-0.195	-0.298	-0.395
7761	77.60	-0.490	-0.582	-0.671	-0.758	-0.848	-0.947	-1.059	-1.181	-1.303	-1.409
7771	77.70	-1.486	-1.528	-1.541	-1.540	-1.544	-1.567	-1.612	-1.672	-1.732	-1.774
7781	77.80	-1.783	-1.754	-1.688	-1.590	-1.466	-1.322	-1.162	-0.990	-0.815	-0.643
7791	77.90	-0.484	-0.343	-0.219	-0.108	0.000	0.114	0.240	0.383	0.540	0.710
7801	78.00	0.884	1.058	1.222	1.370	1.498	1.609	1.709	1.809	1.918	2.039
7811	78.10	2.160	2.262	2.317	2.302	2.210	2.052	1.857	1.662	1.501	1.389
7821	78.20	1.324	1.284	1.244	1.183	1.094	0.987	0.876	0.778	0.700	0.637
7831	78.30	0.576	0.504	0.416	0.314	0.209	0.112	0.030	-0.039	-0.101	-0.165
7841	78.40	-0.237	-0.314	-0.394	-0.470	-0.540	-0.607	-0.680	-0.764	-0.861	-0.966
7851	78.50	-1.069	-1.159	-1.229	-1.279	-1.315	-1.349	-1.388	-1.438	-1.495	-1.555
7861	78.60	-1.612	-1.661	-1.701	-1.734	-1.762	-1.789	-1.816	-1.844	-1.874	-1.908
7871	78.70	-1.944	-1.979	-2.006	-2.013	-1.990	-1.930	-1.834	-1.710	-1.572	-1.432
7881	78.80	-1.304	-1.192	-1.094	-1.002	-0.909	-0.810	-0.704	-0.596	-0.488	-0.385
7891	78.90	-0.287	-0.191	-0.095	0.006	0.110	0.217	0.321	0.422	0.520	0.619
7901	79.00	0.724	0.841	0.970	1.107	1.243	1.365	1.464	1.534	1.579	1.607
7911	79.10	1.629	1.654	1.687	1.723	1.755	1.772	1.768	1.743	1.704	1.660
7921	79.20	1.621	1.590	1.565	1.539	1.505	1.459	1.403	1.342	1.282	1.227
7931	79.30	1.173	1.115	1.041	0.946	0.829	0.699	0.569	0.450	0.351	0.272
7941	79.40	0.208	0.150	0.090	0.025	-0.043	-0.108	-0.166	-0.214	-0.253	-0.286
7951	79.50	-0.318	-0.350	-0.384	-0.417	-0.445	-0.467	-0.484	-0.497	-0.510	-0.526
7961	79.60	-0.544	-0.565	-0.587	-0.607	-0.623	-0.635	-0.641	-0.644	-0.646	-0.650
7971	79.70	-0.662	-0.683	-0.712	-0.745	-0.774	-0.790	-0.787	-0.763	-0.723	-0.675
7981	79.80	-0.630	-0.594	-0.568	-0.546	-0.521	-0.486	-0.438	-0.380	-0.319	-0.263
7991	79.90	-0.215	-0.177	-0.141	-0.101	-0.051	0.009	0.080	0.154	0.229	0.301

Table 7-24-17 TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	0.370	0.436	0.500	0.563	0.623	0.683	0.745	0.812	0.886	0.964
8011	80.10	1.035	1.089	1.110	1.090	1.032	0.948	0.854	0.771	0.708	0.667
8021	80.20	0.638	0.608	0.565	0.506	0.437	0.369	0.313	0.271	0.242	0.214
8031	80.30	0.178	0.129	0.069	0.008	-0.046	-0.086	-0.113	-0.136	-0.165	-0.205
8041	80.40	-0.255	-0.310	-0.356	-0.388	-0.401	-0.406	-0.407	-0.420	-0.451	-0.499
8051	80.50	-0.558	-0.620	-0.680	-0.734	-0.785	-0.835	-0.885	-0.934	-0.981	-1.024
8061	80.60	-1.063	-1.101	-1.143	-1.190	-1.238	-1.279	-1.303	-1.301	-1.270	-1.214
8071	80.70	-1.144	-1.070	-1.003	-0.941	-0.880	-0.810	-0.720	-0.608	-0.478	-0.339
8081	80.80	-0.208	-0.094	-0.006	0.060	0.112	0.159	0.210	0.271	0.339	0.408
8091	80.90	0.473	0.530	0.579	0.623	0.670	0.725	0.787	0.854	0.918	0.973
8101	81.00	1.014	1.042	1.065	1.090	1.126	1.173	1.230	1.289	1.342	1.383
8111	81.10	1.412	1.434	1.452	1.469	1.481	1.481	1.458	1.403	1.315	1.197
8121	81.20	1.059	0.914	0.769	0.634	0.509	0.397	0.300	0.219	0.154	0.101
8131	81.30	0.054	0.002	-0.066	-0.153	-0.259	-0.372	-0.481	-0.576	-0.656	-0.727
8141	81.40	-0.802	-0.894	-1.007	-1.137	-1.270	-1.388	-1.481	-1.542	-1.579	-1.600
8151	81.50	-1.616	-1.630	-1.641	-1.640	-1.623	-1.589	-1.544	-1.496	-1.455	-1.424
8161	81.60	-1.398	-1.368	-1.327	-1.270	-1.200	-1.124	-1.051	-0.985	-0.921	-0.854
8171	81.70	-0.774	-0.678	-0.570	-0.460	-0.361	-0.279	-0.214	-0.161	-0.108	-0.046
8181	81.80	0.027	0.106	0.183	0.250	0.304	0.350	0.394	0.446	0.508	0.579
8191	81.90	0.650	0.714	0.765	0.805	0.837	0.871	0.910	0.953	0.997	1.033
8201	82.00	1.057	1.066	1.065	1.060	1.060	1.067	1.082	1.101	1.121	1.139
8211	82.10	1.154	1.167	1.179	1.188	1.189	1.176	1.146	1.101	1.046	0.990
8221	82.20	0.943	0.909	0.890	0.878	0.866	0.842	0.799	0.737	0.656	0.563
8231	82.30	0.464	0.367	0.277	0.197	0.130	0.073	0.023	-0.027	-0.082	-0.147
8241	82.40	-0.224	-0.311	-0.398	-0.480	-0.548	-0.602	-0.647	-0.691	-0.743	-0.808
8251	82.50	-0.882	-0.955	-1.014	-1.049	-1.055	-1.037	-1.007	-0.978	-0.961	-0.958
8261	82.60	-0.964	-0.970	-0.965	-0.942	-0.905	-0.862	-0.822	-0.793	-0.777	-0.769
8271	82.70	-0.760	-0.738	-0.698	-0.641	-0.573	-0.504	-0.443	-0.393	-0.354	-0.321
8281	82.80	-0.287	-0.250	-0.207	-0.163	-0.121	-0.084	-0.053	-0.026	0.003	0.038
8291	82.90	0.082	0.135	0.195	0.258	0.321	0.382	0.441	0.498	0.556	0.617
8301	83.00	0.683	0.757	0.843	0.942	1.052	1.166	1.272	1.357	1.413	1.436
8311	83.10	1.436	1.431	1.442	1.483	1.558	1.655	1.748	1.808	1.812	1.751
8321	83.20	1.636	1.490	1.341	1.211	1.110	1.035	0.972	0.908	0.832	0.744
8331	83.30	0.648	0.553	0.463	0.377	0.292	0.202	0.107	0.008	-0.092	-0.190
8341	83.40	-0.286	-0.382	-0.483	-0.588	-0.693	-0.790	-0.872	-0.937	-0.989	-1.040
8351	83.50	-1.100	-1.175	-1.261	-1.347	-1.420	-1.473	-1.509	-1.540	-1.582	-1.643
8361	83.60	-1.724	-1.810	-1.885	-1.933	-1.950	-1.949	-1.949	-1.969	-2.017	-2.084
8371	83.70	-2.147	-2.178	-2.162	-2.093	-1.988	-1.868	-1.754	-1.655	-1.566	-1.470
8381	83.80	-1.351	-1.199	-1.017	-0.819	-0.624	-0.448	-0.296	-0.166	-0.045	0.078
8391	83.90	0.212	0.359	0.516	0.674	0.827	0.967	1.093	1.205	1.310	1.414
8401	84.00	1.527	1.655	1.797	1.940	2.063	2.141	2.152	2.090	1.964	1.803
8411	84.10	1.643	1.517	1.443	1.419	1.425	1.435	1.425	1.384	1.316	1.236
8421	84.20	1.159	1.096	1.046	1.003	0.955	0.897	0.830	0.761	0.696	0.642
8431	84.30	0.596	0.552	0.504	0.447	0.383	0.317	0.258	0.209	0.170	0.135
8441	84.40	0.096	0.049	-0.011	-0.080	-0.155	-0.234	-0.314	-0.398	-0.488	-0.587
8451	84.50	-0.694	-0.809	-0.927	-1.045	-1.161	-1.271	-1.376	-1.473	-1.564	-1.652
8461	84.60	-1.738	-1.826	-1.914	-1.997	-2.065	-2.104	-2.101	-2.055	-1.971	-1.866
8471	84.70	-1.761	-1.676	-1.620	-1.590	-1.575	-1.556	-1.522	-1.465	-1.389	-1.302
8481	84.80	-1.206	-1.101	-0.977	-0.826	-0.640	-0.427	-0.203	0.010	0.195	0.344
8491	84.90	0.467	0.586	0.724	0.897	1.104	1.326	1.536	1.709	1.834	1.918

Table 7-24-18 TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	1.981	2.046	2.124	2.209	2.278	2.300	2.252	2.133	1.963	1.784
8511	85.10	1.642	1.570	1.572	1.627	1.692	1.720	1.675	1.547	1.354	1.129
8521	85.20	0.913	0.733	0.602	0.508	0.433	0.353	0.254	0.134	0.002	-0.126
8531	85.30	-0.238	-0.327	-0.399	-0.463	-0.531	-0.611	-0.703	-0.802	-0.895	-0.974
8541	85.40	-1.032	-1.074	-1.107	-1.144	-1.197	-1.268	-1.355	-1.444	-1.516	-1.553
8551	85.50	-1.544	-1.487	-1.389	-1.266	-1.139	-1.024	-0.929	-0.854	-0.791	-0.729
8561	85.60	-0.659	-0.578	-0.489	-0.398	-0.314	-0.241	-0.179	-0.121	-0.059	0.015
8571	85.70	0.103	0.204	0.311	0.414	0.506	0.582	0.643	0.689	0.725	0.755
8581	85.80	0.781	0.805	0.832	0.865	0.906	0.957	1.017	1.080	1.136	1.175
8591	85.90	1.187	1.171	1.128	1.069	1.005	0.949	0.909	0.886	0.876	0.871
8601	86.00	0.865	0.852	0.832	0.808	0.784	0.764	0.749	0.736	0.722	0.706
8611	86.10	0.686	0.666	0.648	0.633	0.620	0.606	0.586	0.556	0.515	0.468
8621	86.20	0.421	0.381	0.351	0.327	0.302	0.266	0.209	0.128	0.027	-0.084
8631	86.30	-0.194	-0.291	-0.371	-0.435	-0.492	-0.549	-0.616	-0.693	-0.779	-0.867
8641	86.40	-0.950	-1.022	-1.083	-1.135	-1.182	-1.230	-1.280	-1.332	-1.385	-1.437
8651	86.50	-1.487	-1.533	-1.576	-1.615	-1.650	-1.677	-1.690	-1.687	-1.665	-1.625
8661	86.60	-1.570	-1.506	-1.440	-1.375	-1.313	-1.251	-1.185	-1.108	-1.019	-0.918
8671	86.70	-0.809	-0.697	-0.590	-0.489	-0.393	-0.298	-0.200	-0.098	0.005	0.103
8681	86.80	0.190	0.263	0.326	0.390	0.467	0.568	0.693	0.832	0.968	1.079
8691	86.90	1.150	1.179	1.176	1.163	1.161	1.183	1.229	1.285	1.331	1.349
8701	87.00	1.332	1.286	1.228	1.174	1.137	1.117	1.102	1.073	1.015	0.922
8711	87.10	0.800	0.667	0.542	0.440	0.366	0.314	0.270	0.220	0.156	0.075
8721	87.20	-0.018	-0.112	-0.202	-0.284	-0.360	-0.436	-0.518	-0.607	-0.703	-0.801
8731	87.30	-0.892	-0.974	-1.044	-1.106	-1.166	-1.227	-1.291	-1.353	-1.403	-1.430
8741	87.40	-1.427	-1.389	-1.320	-1.230	-1.131	-1.037	-0.956	-0.889	-0.833	-0.782
8751	87.50	-0.728	-0.666	-0.594	-0.512	-0.423	-0.329	-0.233	-0.136	-0.042	0.047
8761	87.60	0.127	0.196	0.253	0.301	0.342	0.383	0.424	0.466	0.508	0.547
8771	87.70	0.583	0.617	0.654	0.696	0.746	0.799	0.852	0.898	0.934	0.961
8781	87.80	0.985	1.013	1.051	1.098	1.147	1.185	1.201	1.185	1.138	1.070
8791	87.90	0.996	0.931	0.886	0.862	0.852	0.843	0.824	0.790	0.741	0.687
8801	88.00	0.639	0.604	0.583	0.568	0.547	0.504	0.432	0.328	0.202	0.070
8811	88.10	-0.054	-0.157	-0.236	-0.295	-0.346	-0.400	-0.465	-0.546	-0.640	-0.738
8821	88.20	-0.831	-0.910	-0.970	-1.006	-1.020	-1.019	-1.010	-1.005	-1.013	-1.041
8831	88.30	-1.087	-1.142	-1.192	-1.218	-1.207	-1.153	-1.062	-0.951	-0.841	-0.750
8841	88.40	-0.688	-0.654	-0.638	-0.623	-0.599	-0.558	-0.503	-0.441	-0.380	-0.327
8851	88.50	-0.282	-0.240	-0.196	-0.147	-0.090	-0.030	0.028	0.080	0.126	0.167
8861	88.60	0.209	0.260	0.324	0.402	0.492	0.587	0.679	0.758	0.821	0.865
8871	88.70	0.895	0.919	0.947	0.988	1.044	1.113	1.187	1.257	1.313	1.352
8881	88.80	1.377	1.394	1.410	1.431	1.454	1.475	1.484	1.477	1.451	1.410
8891	88.90	1.360	1.309	1.261	1.214	1.164	1.104	1.031	0.944	0.852	0.762
8901	89.00	0.683	0.619	0.570	0.529	0.490	0.443	0.387	0.321	0.248	0.172
8911	89.10	0.095	0.019	-0.059	-0.139	-0.224	-0.312	-0.398	-0.482	-0.560	-0.635
8921	89.20	-0.713	-0.797	-0.891	-0.992	-1.092	-1.183	-1.255	-1.306	-1.343	-1.378
8931	89.30	-1.423	-1.488	-1.573	-1.666	-1.753	-1.816	-1.850	-1.860	-1.858	-1.864
8941	89.40	-1.888	-1.930	-1.976	-2.003	-1.992	-1.933	-1.832	-1.705	-1.577	-1.464
8951	89.50	-1.371	-1.291	-1.207	-1.105	-0.978	-0.832	-0.681	-0.540	-0.417	-0.310
8961	89.60	-0.209	-0.100	0.023	0.160	0.298	0.425	0.531	0.615	0.686	0.758
8971	89.70	0.865	0.950	1.067	1.184	1.290	1.381	1.460	1.540	1.629	1.728
8981	89.80	1.827	1.906	1.943	1.928	1.861	1.760	1.653	1.561	1.497	1.453
8991	89.90	1.411	1.346	1.240	1.091	0.918	0.746	0.603	0.507	0.456	0.436

Table 7-24-19 TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	0.422	0.393	0.339	0.261	0.174	0.093	0.026	-0.027	-0.075	-0.131
9011	90.10	-0.203	-0.289	-0.381	-0.464	-0.528	-0.568	-0.590	-0.607	-0.630	-0.667
9021	90.20	-0.719	-0.776	-0.827	-0.859	-0.869	-0.859	-0.837	-0.815	-0.803	-0.806
9031	90.30	-0.826	-0.859	-0.899	-0.939	-0.974	-0.999	-1.013	-1.020	-1.023	-1.031
9041	90.40	-1.048	-1.076	-1.111	-1.144	-1.161	-1.151	-1.108	-1.033	-0.936	-0.834
9051	90.50	-0.741	-0.667	-0.616	-0.581	-0.555	-0.527	-0.492	-0.450	-0.404	-0.360
9061	90.60	-0.321	-0.288	-0.258	-0.226	-0.189	-0.148	-0.105	-0.067	-0.037	-0.016
9071	90.70	-0.002	0.010	0.026	0.050	0.080	0.111	0.136	0.150	0.152	0.146
9081	90.80	0.140	0.142	0.159	0.191	0.236	0.282	0.327	0.369	0.406	0.444
9091	90.90	0.483	0.526	0.568	0.606	0.636	0.657	0.673	0.689	0.711	0.739
9101	91.00	0.771	0.802	0.826	0.841	0.850	0.860	0.878	0.907	0.947	0.992
9111	91.10	1.035	1.071	1.099	1.122	1.145	1.170	1.194	1.211	1.216	1.203
9121	91.20	1.172	1.130	1.082	1.033	0.987	0.939	0.887	0.830	0.770	0.713
9131	91.30	0.666	0.631	0.604	0.578	0.543	0.491	0.423	0.346	0.269	0.201
9141	91.40	0.145	0.098	0.055	0.014	-0.022	-0.043	-0.039	-0.003	0.064	0.149
9151	91.50	0.235	0.303	0.339	0.340	0.316	0.269	0.216	0.161	0.106	0.062
9161	91.60	-0.025	-0.096	-0.165	-0.226	-0.274	-0.308	-0.333	-0.355	-0.379	-0.409
9171	91.70	-0.447	-0.490	-0.538	-0.590	-0.644	-0.701	-0.757	-0.809	-0.856	-0.897
9181	91.80	-0.931	-0.962	-0.989	-1.011	-1.027	-1.035	-1.039	-1.048	-1.072	-1.121
9191	91.90	-1.197	-1.289	-1.378	-1.439	-1.456	-1.425	-1.359	-1.283	-1.222	-1.189
9201	92.00	-1.179	-1.170	-1.132	-1.044	-0.902	-0.725	-0.549	-0.409	-0.328	-0.306
9211	92.10	-0.321	-0.338	-0.326	-0.269	-0.172	-0.054	0.058	0.146	0.207	0.251
9221	92.20	0.296	0.358	0.443	0.545	0.649	0.742	0.816	0.875	0.930	0.993
9231	92.30	1.075	1.175	1.285	1.391	1.477	1.532	1.549	1.528	1.474	1.394
9241	92.40	1.297	1.190	1.082	0.978	0.884	0.802	0.732	0.673	0.623	0.581
9251	92.50	0.542	0.503	0.460	0.409	0.346	0.272	0.191	0.111	0.040	-0.018
9261	92.60	-0.064	-0.109	-0.165	-0.244	-0.349	-0.474	-0.605	-0.721	-0.809	-0.864
9271	92.70	-0.890	-0.902	-0.915	-0.938	-0.972	-1.010	-1.045	-1.071	-1.091	-1.117
9281	92.80	-1.157	-1.219	-1.296	-1.370	-1.420	-1.425	-1.376	-1.280	-1.154	-1.023
9291	92.90	-0.906	-0.814	-0.746	-0.691	-0.637	-0.573	-0.496	-0.411	-0.324	-0.241
9301	93.00	-0.164	-0.093	-0.025	0.044	0.114	0.184	0.251	0.315	0.375	0.431
9311	93.10	0.484	0.534	0.581	0.624	0.664	0.700	0.734	0.766	0.797	0.826
9321	93.20	0.853	0.876	0.899	0.925	0.955	0.989	1.023	1.049	1.056	1.041
9331	93.30	1.002	0.945	0.883	0.826	0.784	0.757	0.740	0.723	0.698	0.660
9341	93.40	0.609	0.551	0.495	0.447	0.410	0.383	0.362	0.342	0.322	0.297
9351	93.50	0.265	0.225	0.171	0.101	0.012	-0.094	-0.209	-0.324	-0.428	-0.514
9361	93.60	-0.580	-0.631	-0.675	-0.719	-0.766	-0.815	-0.857	-0.882	-0.882	-0.855
9371	93.70	-0.803	-0.736	-0.662	-0.590	-0.522	-0.458	-0.394	-0.325	-0.251	-0.174
9381	93.80	-0.098	-0.028	0.033	0.084	0.122	0.146	0.151	0.133	0.088	0.020
9391	93.90	-0.064	-0.150	-0.224	-0.277	-0.308	-0.325	-0.344	-0.380	-0.440	-0.519
9401	94.00	-0.603	-0.668	-0.697	-0.680	-0.619	-0.530	-0.434	-0.350	-0.289	-0.251
9411	94.10	-0.228	-0.207	-0.179	-0.136	-0.079	-0.013	0.053	0.109	0.149	0.168
9421	94.20	0.164	0.141	0.105	0.067	0.038	0.026	0.035	0.063	0.102	0.142
9431	94.30	0.172	0.190	0.198	0.201	0.207	0.221	0.243	0.266	0.284	0.293
9441	94.40	0.293	0.288	0.284	0.288	0.300	0.318	0.337	0.352	0.360	0.365
9451	94.50	0.371	0.382	0.399	0.419	0.439	0.453	0.460	0.462	0.466	0.476
9461	94.60	0.495	0.520	0.544	0.559	0.558	0.541	0.509	0.473	0.438	0.412
9471	94.70	0.394	0.381	0.369	0.354	0.334	0.314	0.295	0.280	0.268	0.255
9481	94.80	0.234	0.202	0.159	0.109	0.057	0.011	-0.027	-0.057	-0.085	-0.115
9491	94.90	-0.151	-0.193	-0.236	-0.274	-0.305	-0.328	-0.349	-0.374	-0.409	-0.451

Table 7-24-20 TABLE OF CORRECTED ACCELERATION RECORD NO.20

INDEX NO. 2035 902-GR-1-79 HB. (HB.) NISHIARAI BRIDGE MAX. ACC. = -157.847 (GAL) T= 10.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9501	95.00	-0.496	-0.535	-0.561	-0.572	-0.573	-0.573	-0.582	-0.603	-0.634	-0.664
9511	95.10	-0.681	-0.676	-0.648	-0.603	-0.550	-0.498	-0.449	-0.398	-0.336	-0.257
9521	95.20	-0.160	-0.054	0.047	0.130	0.191	0.231	0.263	0.299	0.348	0.410
9531	95.30	0.474	0.529	0.565	0.582	0.587	0.594	0.617	0.659	0.713	0.765
9541	95.40	0.797	0.798	0.766	0.709	0.644	0.585	0.541	0.514	0.496	0.476
9551	95.50	0.445	0.398	0.336	0.265	0.193	0.126	0.067	0.013	-0.039	-0.095
9561	95.60	-0.160	-0.233	-0.311	-0.389	-0.458	-0.513	-0.551	-0.573	-0.588	-0.604
9571	95.70	-0.627	-0.662	-0.705	-0.748	-0.782	-0.800	-0.800	-0.787	-0.764	-0.739
9581	95.80	-0.712	-0.680	-0.640	-0.587	-0.524	-0.454	-0.387	-0.327	-0.274	-0.224
9591	95.90	-0.168	-0.101	-0.026	0.047	0.103	0.125	0.109	0.059	-0.007	-0.068

Table 7－25－1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 2051 S707-GR-1-9 HA. (HA.) KUJIGAWA EMB. MAX. ACC. = 59.935 (GAL) T= 1.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.158	-0.524	-1.962	-1.736	-0.281	1.371	2.159	1.575	-0.036	-1.646
11	0.10	-2.088	-0.712	2.216	5.570	7.881	8.055	5.914	2.295	-1.361	-3.715
21	0.20	-4.168	-3.105	-1.621	-0.875	-1.432	-2.938	-4.315	-4.367	-2.480	0.959
31	0.30	4.676	7.096	7.137	4.780	1.144	-2.000	-3.033	-1.238	2.878	7.812
41	0.40	11.724	13.209	11.821	8.157	3.528	-0.590	-3.032	-3.182	-0.955	3.366
51	0.50	9.249	15.932	22.363	27.216	29.101	26.976	20.620	10.919	-0.224	-10.405
61	0.60	-17.467	-20.200	-18.671	-14.059	-8.113	-2.485	1.719	4.020	4.319	2.553
71	0.70	-1.455	-7.834	-16.255	-25.559	-33.729	-38.367	-37.555	-30.746	-19.250	-6.035
81	0.80	5.166	11.097	10.088	2.591	-9.019	-21.268	-30.629	-34.428	-31.344	-21.477
91	0.90	-6.165	12.292	30.907	46.333	55.365	55.644	46.424	29.077	7.022	-15.069
101	1.00	-32.612	-42.501	-43.986	-38.645	-29.474	-19.516	-10.711	-3.499	2.679	8.338
111	1.10	13.015	15.081	12.495	4.176	-8.752	-22.635	-32.236	-32.711	-21.765	-0.993
121	1.20	24.303	46.837	59.935	59.908	47.231	26.104	2.696	-17.086	-29.356	-32.928
131	1.30	-28.890	-19.558	-7.467	5.132	16.257	23.994	26.559	22.833	13.158	-0.123
141	1.40	-12.904	-20.517	-19.520	-9.317	7.239	24.674	36.928	39.760	32.472	18.148
151	1.50	2.308	-9.427	-13.618	-10.231	-2.357	5.349	8.724	5.704	-3.121	-15.099
161	1.60	-26.778	-35.194	-38.622	-36.655	-29.827	-19.177	-6.055	7.816	20.265	28.868
171	1.70	31.564	27.461	17.579	4.666	-7.370	-14.897	-15.892	-10.708	-1.877	6.971
181	1.80	12.588	13.347	9.700	3.714	-2.000	-5.454	-5.991	-4.283	-1.738	0.326
191	1.90	1.307	1.466	1.613	2.554	4.599	7.361	9.888	11.021	9.806	5.823
201	2.00	-0.635	-8.539	-16.249	-21.811	-23.430	-20.063	-11.970	-0.952	9.940	17.274
211	2.10	18.475	12.947	2.582	-8.704	-16.348	-16.929	-9.654	3.147	16.799	26.067
221	2.20	27.230	19.566	5.622	-9.840	-21.747	-26.653	-23.903	-15.606	-5.523	2.562
231	2.30	6.263	5.249	0.989	-4.155	-7.998	-9.285	-7.895	-4.564	-0.392	3.586
241	2.40	6.604	8.188	8.124	6.489	3.755	0.827	-1.127	-1.087	1.283	5.256
251	2.50	9.089	10.604	8.122	1.375	-8.082	-17.223	-22.614	-21.805	-14.435	-2.570
261	2.60	9.949	18.892	21.229	16.257	5.825	-6.411	-16.377	-21.025	-19.286	-12.205
271	2.70	-2.319	7.402	14.571	18.009	17.818	15.006	10.931	6.810	3.467	1.300
281	2.80	0.393	0.622	1.707	3.219	4.605	5.289	4.847	3.168	0.526	-2.500
291	2.90	-5.243	-7.198	-8.187	-8.362	-8.061	-7.589	-7.076	-6.465	-5.644	-4.625
301	3.00	-3.647	-3.108	-3.357	-4.427	-5.887	-6.920	-6.618	-4.401	-0.342	4.749
311	3.10	9.556	12.729	13.383	11.432	7.602	3.136	-0.668	-2.898	-3.264	-2.066
321	3.20	0.026	2.273	4.084	5.099	5.158	4.239	2.452	0.091	-2.308	-4.006
331	3.30	-4.244	-2.561	0.899	5.259	9.082	10.829	9.465	4.932	-1.715	-8.629
341	3.40	-13.830	-15.955	-14.764	-11.199	-6.951	-3.741	-2.613	-3.557	-5.595	-7.286
351	3.50	-7.386	-5.379	-1.652	2.731	6.521	8.797	9.283	8.356	6.790	5.391
361	3.60	4.695	4.850	5.673	6.823	7.962	8.638	9.294	9.240	8.650	7.590
371	3.70	6.259	4.959	3.998	3.521	3.379	3.121	2.165	0.096	-3.044	-6.638
381	3.80	-9.640	-10.976	-10.025	-6.974	-2.851	0.802	2.507	1.431	-2.274	-7.524
391	3.90	-12.706	-16.272	-17.249	-15.477	-11.523	-6.345	-0.910	4.075	8.221	11.347
401	4.00	13.336	14.064	13.464	11.665	9.096	6.442	4.426	3.509	3.644	4.234
411	4.10	4.349	3.119	0.138	-4.298	-9.252	-13.471	-15.844	-15.794	-13.454	-9.556
421	4.20	-5.122	-1.094	1.927	3.766	4.563	4.592	4.099	3.241	2.143	0.977
431	4.30	0.004	-0.494	-0.359	0.282	0.962	0.986	-0.296	-3.167	-7.301	-11.741
441	4.40	-15.155	-16.293	-14.480	-9.953	-3.870	2.022	5.989	6.927	4.784	0.591
451	4.50	-3.910	-6.910	-7.203	-4.619	-0.050	4.932	8.710	10.249	9.459	7.167
461	4.60	4.724	3.416	3.935	6.120	9.059	11.486	12.308	11.035	7.955	4.009
471	4.70	0.429	-1.706	-1.846	-0.132	2.666	5.412	6.968	6.545	3.939	-0.396
481	4.80	-5.475	-10.058	-13.008	-13.628	-11.873	-8.362	-4.172	-0.474	1.852	2.507
491	4.90	1.844	0.692	0.010	0.503	2.357	5.181	8.182	10.487	11.459	10.914

Table 7－25－2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 2051 S707-GR-1-9 HA. (HA.) KUJIGAWA EMB. MAX. ACC. = 59.935 (GAL) T= 1.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	9.133	6.708	4.300	2.410	1.247	0.732	0.597	0.523	0.262	-0.304
511	5.10	-1.159	-2.191	-3.242	-4.153	-4.798	-5.110	-5.098	-4.855	-4.540	-4.338
521	5.20	-4.391	-4.750	-5.332	-5.944	-6.344	-6.340	-5.884	-5.114	-4.337	-3.922
531	5.30	-4.156	-5.102	-6.520	-7.896	-8.606	-8.138	-6.334	-3.515	-0.434	1.959
541	5.40	2.866	1.987	-0.312	-3.078	-5.104	-5.388	-3.538	0.070	4.437	8.347
551	5.50	10.843	11.565	10.805	9.258	7.619	6.227	4.942	3.313	0.928	-2.242
561	5.60	-5.702	-8.589	-10.036	-9.571	-7.342	-4.040	-0.594	2.235	4.118	5.186
571	5.70	5.823	6.370	6.936	7.395	7.576	7.479	7.359	7.587	8.356	9.408
581	5.80	9.989	9.114	6.069	0.884	-5.467	-11.313	-14.904	-15.133	-12.035	-6.803
591	5.90	-1.306	2.656	4.038	2.843	-0.053	-3.421	-6.246	-8.057	-8.890	-8.980
601	6.00	-8.422	-7.033	-4.522	-0.845	3.501	7.468	9.812	9.674	7.065	3.001
611	6.10	-0.843	-2.820	-2.019	1.353	6.095	10.566	13.394	13.987	12.611	10.054
621	6.20	7.098	4.114	0.997	-2.552	-6.597	-10.676	-13.866	-15.173	-14.070	-10.852
631	6.30	-6.610	-2.796	-0.591	-0.394	-1.693	-3.371	-4.282	-3.797	-2.030	0.342
641	6.40	2.538	4.147	5.341	6.722	8.888	11.970	15.460	18.278	19.313	17.898
651	6.50	14.154	8.964	3.615	-0.701	-3.295	-4.125	-3.645	-2.494	-1.196	-0.017
661	6.60	0.996	1.860	2.532	2.889	2.817	2.330	1.618	0.969	0.601	0.513
671	6.70	0.442	-0.019	-1.205	-3.175	-5.646	-8.102	-10.016	-11.076	-11.283	-10.875
681	6.80	-10.139	-9.229	-8.105	-6.629	-4.762	-2.716	-0.955	0.001	-0.142	-1.207
691	6.90	-2.533	-3.199	-2.436	-0.008	3.613	7.393	10.145	11.020	9.854	7.204
701	7.00	4.073	1.446	-0.139	-0.779	-1.091	-1.858	-3.609	-6.345	-9.513	-12.249
711	7.10	-13.746	-13.584	-11.893	-9.273	-6.542	-4.423	-3.298	-3.124	-3.511	-3.923
721	7.20	-3.900	-3.226	-1.992	-0.540	0.673	1.244	0.965	-0.105	-1.664	-3.261
731	7.30	-4.449	-4.921	-4.593	-3.601	-2.216	-0.719	0.706	2.019	3.283	4.562
741	7.40	5.824	6.881	7.437	7.199	6.031	4.064	1.709	-0.434	-1.756	-1.832
751	7.50	-0.556	1.820	4.769	7.640	9.846	11.007	11.024	10.061	8.454	6.580
761	7.60	4.745	3.100	1.645	0.288	-1.053	-2.365	-3.401	-3.914	-3.582	-2.259
771	7.70	-0.082	2.507	4.862	6.341	6.542	5.471	3.554	1.491	-0.006	-0.491
781	7.80	0.040	1.151	2.127	2.245	1.038	-1.548	-5.141	-9.063	-12.527	-14.833
791	7.90	-15.509	-14.389	-11.624	-7.656	-3.148	1.117	4.391	6.139	6.205	4.892
801	8.00	2.908	1.171	0.507	1.365	3.648	6.735	9.695	11.607	11.862	10.331
811	8.10	7.356	3.574	-0.306	-3.700	-6.224	-7.672	-7.940	-6.980	-4.833	-1.720
821	8.20	1.875	5.211	7.435	7.845	6.169	2.732	-1.577	-5.555	-8.089	-8.529
831	8.30	-6.926	-3.994	-0.842	1.436	2.152	1.247	-0.728	-2.846	-4.163	-4.051
841	8.40	-2.399	0.383	3.539	6.233	7.818	8.022	6.978	5.137	3.075	1.288
851	8.50	0.025	-0.768	-1.398	-2.265	-3.676	-5.675	-7.982	-10.051	-11.253	-11.104
861	8.60	-9.463	-6.610	-3.170	0.096	2.554	3.904	4.256	4.034	3.760	3.812
871	8.70	4.262	4.859	5.174	4.822	3.663	1.897	-0.003	-1.477	-2.099	-1.746
881	8.80	-0.633	0.787	1.999	2.614	2.480	1.699	0.547	-0.632	-1.530	-1.929
891	8.90	-1.724	-0.919	0.366	1.895	3.319	4.229	4.257	3.207	1.160	-1.498
901	9.00	-4.170	-6.238	-7.283	-7.250	-6.468	-5.516	-4.974	-5.169	-6.022	-7.069
911	9.10	-7.650	-7.187	-5.432	-2.574	0.834	4.088	6.608	8.139	8.800	8.979
921	9.20	9.123	9.513	10.145	10.742	10.900	10.288	8.820	6.714	4.431	2.503
931	9.30	1.331	1.026	1.360	1.834	1.851	0.928	-1.118	-4.079	-7.386	-10.268
941	9.40	-11.986	-12.078	-10.531	-7.814	-4.751	-2.251	-0.998	-1.196	-2.474	-4.003
951	9.50	-4.798	-4.093	-1.662	2.063	6.115	9.337	10.800	10.161	7.776	4.566
961	9.60	1.646	-0.099	-0.335	0.634	2.045	3.033	3.010	1.905	0.162	-1.481
971	9.70	-2.347	-2.119	-0.985	0.457	1.462	1.464	0.309	-1.700	-3.948	-5.776
981	9.80	-6.756	-6.829	-6.292	-5.615	-5.211	-5.246	-5.575	-5.832	-5.611	-4.669
991	9.90	-3.043	-1.053	0.819	2.117	2.580	2.233	1.371	0.437	-0.137	-0.086

Table 7-25-3 TABLE OF CORRECTED ACCELERATION RECORD

NO. 3

INDEX NO. 2051 S707-GR-1-9 HA. (HA.) KUJIGAWA EMB. MAX. ACC. = 59.935 (GAL) T= 1.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.606	1.710	2.839	3.584	3.650	2.945	1.603	-0.063	-1.669	-2.878
1011	10.10	-3.504	-3.551	-3.196	-2.710	-2.356	-2.289	-2.504	-2.839	-3.038	-2.838
1021	10.20	-2.072	-0.732	1.014	2.855	4.414	5.347	5.436	4.653	3.180	1.365
1031	10.30	-0.362	-1.619	-2.182	-2.060	-1.497	-0.883	-0.615	-0.933	-1.822	-2.998
1041	10.40	-4.008	-4.407	-3.933	-2.622	-0.797	1.060	2.495	3.269	3.435	3.304
1051	10.50	3.293	3.746	4.788	6.296	7.966	9.456	10.526	11.105	11.271	11.162
1061	10.60	10.862	10.345	9.478	8.100	6.125	3.612	0.780	-2.046	-4.528	-6.401
1071	10.70	-7.537	-7.947	-7.761	-7.177	-6.414	-5.669	-5.081	-4.696	-4.456	-4.217
1081	10.80	-3.805	-3.101	-2.121	-1.050	-0.197	0.120	-0.274	-1.300	-2.617	-3.731
1091	10.90	-4.191	-3.786	-2.653	-1.230	-0.075	0.370	-0.025	-1.033	-2.172	-2.926
1101	11.00	-2.957	-2.227	-0.974	0.436	1.678	2.591	3.177	3.509	3.614	3.414
1111	11.10	2.771	1.618	0.093	-1.414	-2.363	-2.277	-0.982	1.253	3.751	5.657
1121	11.20	6.260	5.277	2.973	0.064	-2.561	-4.169	-4.439	-3.537	-2.008	-0.533
1131	11.30	0.323	0.291	-0.568	-1.943	-3.424	-4.644	-5.381	-5.571	-5.282	-4.652
1141	11.40	-3.827	-2.913	-1.948	-0.895	0.334	1.828	3.603	5.541	7.365	8.687
1151	11.50	9.113	8.396	6.555	3.914	1.030	-1.476	-3.126	-3.736	-3.463	-2.709
1161	11.60	-1.951	-1.544	-1.600	-1.977	-2.377	-2.484	-2.101	-1.200	0.102	1.622
1171	11.70	3.192	4.698	6.068	7.230	8.078	8.480	8.323	7.580	6.353	4.854
1181	11.80	3.337	1.999	0.906	-0.023	-0.955	-2.045	-3.341	-4.753	-6.088	-7.143
1191	11.90	-7.802	-8.085	-8.129	-8.091	-8.062	-8.002	-7.764	-7.189	-6.220	-4.968
1201	12.00	-3.700	-2.729	-2.255	-2.252	-2.440	-2.391	-1.715	-0.255	1.818	4.035
1211	12.10	5.807	6.658	6.423	5.317	3.854	2.642	2.156	2.572	3.729	5.225
1221	12.20	6.578	7.398	7.487	6.850	5.643	4.094	2.446	0.924	-0.267	-0.958
1231	12.30	-1.056	-0.592	0.257	1.192	1.888	2.119	1.866	1.331	0.863	0.786
1241	12.40	1.239	2.079	2.923	3.301	2.868	1.558	-0.374	-2.463	-4.231	-5.378
1251	12.50	-5.883	-5.974	-5.984	-6.179	-6.642	-7.260	-7.814	-8.107	-8.047	-7.656
1261	12.60	-7.004	-6.112	-4.906	-3.259	-1.097	1.482	4.160	6.460	7.914	8.256
1271	12.70	7.555	6.211	4.808	3.883	3.714	4.224	5.031	5.624	5.584	4.735
1281	12.80	3.189	1.257	-0.694	-2.383	-3.681	-4.592	-5.176	-5.483	-5.526	-5.320
1291	12.90	-4.938	-4.550	-4.389	-4.661	-5.420	-6.497	-7.507	-7.975	-7.517	-6.016
1301	13.00	-3.700	-1.088	1.185	2.598	2.935	2.358	1.328	0.429	0.131	0.627
1311	13.10	1.772	3.159	4.289	4.754	4.381	3.266	1.722	0.154	-1.071	-1.716
1321	13.20	-1.709	-1.120	-0.107	1.141	2.438	3.619	4.547	5.116	5.267	5.003
1331	13.30	4.393	3.559	2.646	1.784	1.058	0.500	0.100	-0.173	-0.351	-0.465
1341	13.40	-0.562	-0.704	-0.969	-1.605	-1.986	-2.566	-2.896	-2.682	-1.709	0.043
1351	13.50	2.330	4.678	6.516	7.367	7.036	5.697	3.845	2.120	1.077	0.980
1361	13.60	1.720	2.869	3.863	4.216	3.698	2.388	0.614	-1.191	-2.649	-3.541
1371	13.70	-3.835	-3.641	-3.136	-2.495	-1.860	-1.343	-1.026	-0.964	-1.166	-1.576
1381	13.80	-2.077	-2.529	-2.835	-2.991	-3.101	-3.327	-3.798	-4.514	-5.309	-5.896
1391	13.90	-5.984	-5.426	-4.311	-2.950	-1.763	-1.099	-1.077	-1.530	-2.075	-2.283
1401	14.00	-1.869	-0.824	0.587	1.944	2.848	3.082	2.680	1.878	1.001	0.324
1411	14.10	-0.008	0.015	0.328	0.861	1.582	2.683	3.532	4.630	5.607	6.270
1421	14.20	6.482	6.229	5.634	4.905	4.250	3.785	3.502	3.294	3.027	2.611
1431	14.30	2.042	1.380	0.692	-0.003	-0.762	-1.682	-2.840	-4.220	-5.693	-7.038
1441	14.40	-8.019	-8.462	-8.311	-7.634	-6.586	-5.357	-4.124	-3.023	-2.140	-1.510
1451	14.50	-1.103	-0.819	-0.493	0.065	1.005	2.353	3.966	5.549	6.743	7.259
1461	14.60	7.001	6.113	4.929	3.830	3.087	2.749	2.631	2.422	1.842	0.787
1471	14.70	-0.610	-2.043	-3.166	-3.754	-3.800	-3.509	-3.189	-3.106	-3.352	-3.803
1481	14.80	-4.179	-4.161	-3.539	-2.300	-0.666	1.079	2.505	3.365	3.579	3.273
1491	14.90	2.732	2.304	2.275	2.776	3.732	4.875	5.834	6.254	5.919	4.835

Table 7-25-4 TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 2051 S707-GR-1-9 HA. (HA.) KUJIGAWA EMB. MAX. ACC. = 59.935 (GAL) T= 1.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.226	1.460	-0.082	-1.142	-1.664	-1.792	-1.793	-1.928	-2.339	-2.998
1511	15.10	-3.723	-4.267	-4.420	-4.090	-3.328	-2.302	-1.229	-0.314	0.297	0.532
1521	15.20	0.387	-0.087	-0.797	-1.618	-2.416	-3.076	-3.531	-3.782	-3.890	-3.931
1531	15.30	-3.947	-3.904	-3.691	-3.177	-2.286	-1.077	0.242	1.368	2.019	2.062
1541	15.40	1.598	0.940	0.505	0.640	1.460	2.780	4.160	5.062	5.056	3.990
1551	15.50	2.064	-0.236	-2.296	-3.583	-3.817	-3.051	-1.629	-0.057	1.168	1.719
1561	15.60	1.519	0.741	-0.272	-1.135	-1.549	-1.387	-0.717	0.240	1.198	1.903
1571	15.70	2.219	2.152	1.833	1.454	1.192	1.147	1.318	1.623	1.948	2.204
1581	15.80	2.360	2.444	2.511	2.594	2.663	2.624	2.350	1.741	0.784	-0.412
1591	15.90	-1.640	-2.655	-3.274	-3.444	-3.280	-3.020	-2.928	-3.173	-3.735	-4.389
1601	16.00	-4.776	-4.544	-3.510	-1.771	0.293	2.119	3.151	3.050	1.823	-0.157
1611	16.10	-2.274	-3.879	-4.516	-4.074	-2.814	-1.258	0.013	0.573	0.300	-0.588
1621	16.20	-1.625	-2.269	-2.090	-0.916	1.121	3.627	6.070	7.930	8.832	8.620
1631	16.30	7.377	5.376	3.009	0.689	-1.228	-2.502	-3.044	-2.921	-2.332	-1.562
1641	16.40	-0.918	-0.652	-0.899	-1.631	-2.664	-3.707	-4.448	-4.652	-4.236	-3.294
1651	16.50	-2.064	-0.843	0.113	0.665	0.820	0.706	0.502	0.372	0.408	0.627
1661	16.60	0.987	1.423	1.865	2.246	2.496	2.542	2.337	1.896	1.331	0.850
1671	16.70	0.690	1.023	1.856	2.979	4.015	4.551	4.313	3.295	1.787	0.264
1681	16.80	-0.805	-1.155	-0.838	-0.184	0.363	0.464	0.045	-0.665	-1.258	-1.342
1691	16.90	-0.738	0.439	1.833	3.017	3.683	3.759	3.408	2.909	2.509	2.303
1701	17.00	2.223	2.109	1.828	1.355	0.776	0.218	-0.250	-0.672	-1.178	-1.884
1711	17.10	-2.781	-3.671	-4.216	-4.074	-3.075	-1.327	0.775	2.691	3.934	4.264
1721	17.20	3.774	2.840	1.958	1.544	1.780	2.563	3.566	4.380	4.649	4.182
1731	17.30	2.977	1.196	-0.898	-3.010	-4.866	-6.255	-7.060	-7.280	-7.029	-6.510
1741	17.40	-5.954	-5.550	-5.373	-5.365	-5.356	-5.141	-4.567	-3.593	-2.311	-0.898
1751	17.50	0.443	1.557	2.365	2.860	3.078	3.065	2.867	2.536	2.148	1.805
1761	17.60	1.603	1.588	1.720	1.865	1.840	1.495	0.791	-0.165	-1.168	-1.910
1771	17.70	-2.292	-2.304	-2.131	-2.059	-2.347	-3.108	-4.255	-5.525	-6.588	-7.173
1781	17.80	-7.170	-6.649	-5.811	-4.883	-4.020	-3.260	-2.538	-1.757	-0.867	0.083
1791	17.90	0.957	1.587	1.861	1.782	1.482	1.180	1.093	1.347	1.919	2.638
1801	18.00	3.241	3.465	3.141	2.259	0.980	-0.407	-1.566	-2.211	-2.186	-1.506
1811	18.10	-0.350	0.991	2.197	3.007	3.290	3.074	2.531	1.916	1.485	1.412
1821	18.20	1.725	2.301	2.891	3.205	3.000	2.164	0.757	-1.004	-2.803	-4.324
1831	18.30	-5.343	-5.782	-5.721	-5.340	-4.836	-4.340	-3.865	-3.319	-2.555	-1.468
1841	18.40	-0.065	1.501	2.965	4.033	4.484	4.255	3.468	2.395	1.371	0.694
1851	18.50	0.536	0.910	1.681	2.629	3.513	4.140	4.404	4.289	3.863	3.243
1861	18.60	2.564	1.950	1.487	1.209	1.092	1.071	1.063	1.001	0.862	0.675
1871	18.70	0.508	0.445	0.545	0.823	1.250	1.768	2.316	2.856	3.373	3.864
1881	18.80	4.321	4.713	4.993	5.113	5.044	4.790	4.379	3.842	3.186	2.389
1891	18.90	1.410	0.229	-1.116	-2.510	-3.783	-4.760	-5.320	-5.447	-5.237	-4.853
1901	19.00	-4.465	-4.183	-4.025	-3.922	-3.767	-3.467	-2.985	-2.343	-1.612	-0.870
1911	19.10	-0.184	0.398	0.835	1.086	1.106	0.872	0.408	-0.190	-0.770	-1.160
1921	19.20	-1.225	-0.927	-0.342	0.366	0.992	1.368	1.410	1.135	0.638	0.047
1931	19.30	-0.520	-0.981	-1.299	-1.468	-1.495	-1.397	-1.192	-0.905	-0.561	-0.185
1941	19.40	0.207	0.606	0.992	1.325	1.533	1.523	1.223	0.618	-0.209	-1.090
1951	19.50	-1.812	-2.199	-2.183	-1.833	-1.338	-0.920	-0.741	-0.831	-1.074	-1.260
1961	19.60	-1.186	-0.741	0.040	0.996	1.910	2.593	2.946	2.972	2.745	2.358
1971	19.70	1.876	1.336	0.761	0.196	-0.287	-0.607	-0.721	-0.668	-0.572	-0.604
1981	19.80	-0.900	-1.483	-2.222	-2.870	-3.152	-2.885	-2.070	-0.909	0.261	1.093
1991	19.90	1.354	1.007	0.205	-0.789	-1.718	-2.428	-2.914	-3.287	-3.696	-4.237

Table 7-25-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 2051 S707-GR-1-9 HA. (HA.) KUJIGAWA EMB. MAX. ACC. = 59.935 (GAL) T= 1.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-6.902	-5.579	-6.098	-6.310	-6.137	-5.596	-4.776	-3.791	-2.739	-1.684
2011	20.10	-0.658	0.314	1.196	1.947	2.539	2.987	3.359	3.761	4.290	4.983
2021	20.20	5.776	6.510	6.980	7.009	6.521	5.573	4.344	3.067	1.954	1.132
2031	20.30	0.621	0.356	0.232	0.155	0.064	-0.073	-0.274	-0.560	-0.944	-1.405
2041	20.40	-1.865	-2.186	-2.212	-1.842	-1.099	-0.159	0.688	1.137	1.007	0.330
2051	20.50	-0.629	-1.462	-1.773	-1.345	-0.241	1.214	2.552	3.345	3.365	2.667
2061	20.60	1.550	0.428	-0.330	-0.520	-0.149	0.614	1.527	2.378	3.034	3.453
2071	20.70	3.641	3.619	3.399	2.995	2.445	1.821	1.215	0.699	0.283	-0.102
2081	20.80	-0.587	-1.301	-2.308	-3.550	-4.855	-5.980	-6.694	-6.853	-6.451	-5.617
2091	20.90	-4.572	-3.566	-2.808	-2.420	-2.414	-2.690	-3.067	-3.319	-3.236	-2.682
2101	21.00	-1.646	-0.260	1.236	2.560	3.488	3.932	3.977	3.846	3.809	4.067
2111	21.10	4.668	5.483	6.251	6.690	6.601	5.943	4.839	3.527	2.267	1.259
2121	21.20	0.600	0.275	0.191	0.216	0.217	0.084	-0.263	-0.860	-1.689	-2.671
2131	21.30	-3.677	-4.556	-5.183	-5.497	-5.523	-5.355	-5.100	-4.825	-4.517	-4.091
2141	21.40	-3.435	-2.681	-1.264	0.074	1.316	2.252	2.749	2.796	2.493	2.000
2151	21.50	1.472	1.013	0.660	0.408	0.247	0.189	0.268	0.514	0.918	1.417
2161	21.60	1.898	2.238	2.342	2.180	1.797	1.287	0.766	0.336	0.064	-0.021
2171	21.70	0.070	0.292	0.572	0.815	0.920	0.809	0.462	-0.068	-0.656	-1.145
2181	21.80	-1.408	-1.400	-1.190	-0.937	-0.831	-1.008	-1.490	-2.167	-2.826	-3.236
2191	21.90	-3.225	-2.746	-1.886	-0.839	0.171	0.945	1.363	1.403	1.126	0.655
2201	22.00	0.134	-0.301	-0.554	-0.579	-0.400	-0.098	0.208	0.392	0.364	0.091
2211	22.10	-0.388	-0.980	-1.568	-2.046	-2.343	-2.430	-2.308	-2.004	-1.554	-1.012
2221	22.20	-0.447	0.060	0.432	0.623	0.644	0.568	0.506	0.561	0.774	1.094
2231	22.30	1.390	1.499	1.302	0.782	0.047	-0.701	-1.247	-1.439	-1.243	-0.749
2241	22.40	-0.126	0.453	0.870	1.088	1.137	1.076	0.948	0.765	0.524	0.236
2251	22.50	-0.047	-0.234	-0.226	0.029	0.497	1.054	1.521	1.733	1.614	1.209
2261	22.60	0.684	0.259	0.131	0.405	1.053	1.928	2.821	3.522	3.883	3.848
2271	22.70	3.456	2.815	2.076	1.393	0.898	0.676	0.739	1.023	1.392	1.665
2281	22.80	1.670	1.303	0.575	-0.374	-1.313	-1.996	-2.252	-2.058	-1.558	-1.020
2291	22.90	-0.730	-0.886	-1.506	-2.420	-3.323	-3.897	-3.936	-3.430	-2.570	-1.677
2301	23.00	-1.073	-0.954	-1.319	-1.973	-2.609	-2.931	-2.761	-2.098	-1.096	0.014
2311	23.10	1.023	1.821	2.414	2.890	3.345	3.817	4.253	4.535	4.535	4.188
2321	23.20	3.532	2.702	1.883	1.236	0.841	0.673	0.624	0.562	0.389	0.080
2331	23.30	-0.313	-0.696	-0.983	-1.137	-1.189	-1.220	-1.323	-1.560	-1.932	-2.379
2341	23.40	-2.798	-3.085	-3.171	-3.047	-2.765	-2.423	-2.129	-1.965	-1.963	-2.093
2351	23.50	-2.276	-2.410	-2.401	-2.193	-1.780	-1.204	-0.534	0.157	0.811	1.396
2361	23.60	1.887	2.277	2.546	2.680	2.676	2.563	2.401	2.267	2.218	2.257
2371	23.70	2.312	2.251	1.933	1.276	0.314	-0.787	-1.769	-2.365	-2.401	-1.869
2381	23.80	-0.936	0.109	0.962	1.407	1.386	1.011	0.497	0.075	-0.099	0.011
2391	23.90	0.324	0.697	0.992	1.127	1.099	0.966	0.811	0.696	0.644	0.635
2401	24.00	0.624	0.568	0.448	0.284	0.127	0.048	0.110	0.344	0.724	1.165
2411	24.10	1.530	1.674	1.685	0.934	0.093	-0.880	-1.783	-2.441	-2.754	-2.727
2421	24.20	-2.447	-2.038	-1.601	-1.185	-0.786	-0.382	0.032	0.426	0.738	0.922
2431	24.30	0.977	0.962	0.967	1.052	1.202	1.309	1.213	0.788	0.022	-0.946
2441	24.40	-1.870	-2.493	-2.675	-2.460	-2.069	-1.794	-1.857	-2.285	-2.890	-3.340
2451	24.50	-3.319	-2.678	-1.515	-0.142	1.047	1.746	1.855	1.509	0.992	0.593
2461	24.60	0.474	0.616	0.850	0.959	0.792	0.327	-0.328	-1.003	-1.548	-1.882
2471	24.70	-2.008	-1.977	-1.845	-1.650	-1.418	-1.187	-1.017	-0.982	-1.125	-1.416
2481	24.80	-1.735	-1.905	-1.767	-1.259	-0.459	0.437	1.199	1.661	1.802	1.740
2491	24.90	1.671	1.766	2.083	2.547	2.999	3.286	3.344	3.222	3.036	2.889

Table 7-25-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 2051 S707-GR-1-9 HA. (HA.) KUJIGAWA EMB. MAX. ACC. = 59.935 (GAL) T= 1.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.796	2.674	2.389	1.861	1.135	0.392	-0.117	-0.206	0.143	0.733
2511	25.10	1.225	1.281	0.729	-0.349	-1.630	-2.679	-3.132	-2.845	-1.948	-0.784
2521	25.20	0.237	0.794	0.762	0.227	-0.593	-1.447	-2.154	-2.636	-2.903	-3.003
2531	25.30	-2.981	-2.866	-2.682	-2.477	-2.331	-2.322	-2.487	-2.776	-3.046	-3.108
2541	25.40	-2.802	-2.078	-1.038	0.086	1.009	1.498	1.456	0.957	0.212	-0.508
2551	25.50	-0.965	-1.029	-0.700	-0.091	0.626	1.280	1.748	1.983	2.008	1.905
2561	25.60	1.785	1.751	1.871	2.152	2.533	2.907	3.156	3.199	3.031	2.730
2571	25.70	2.434	2.286	2.373	2.687	3.122	3.516	3.717	3.633	3.268	2.699
2581	25.80	2.034	1.361	0.722	0.123	-0.428	-0.887	-1.156	-1.118	-0.700	0.066
2591	25.90	1.006	1.834	2.240	2.006	1.097	-0.303	-1.840	-3.102	-3.766	-3.699
2601	26.00	-2.998	-1.947	-0.907	-0.190	0.037	-0.211	-0.771	-1.408	-1.905	-2.128
2611	26.10	-2.052	-1.741	-1.301	-0.840	-0.430	-0.101	0.149	0.336	0.478	0.588
2621	26.20	0.686	0.801	0.974	1.250	1.652	2.168	2.736	3.250	3.589	3.650
2631	26.30	3.390	2.842	2.117	1.369	0.751	0.360	0.208	0.213	0.226	0.084
2641	26.40	-0.331	-1.044	-1.970	-2.938	-3.737	-4.186	-4.194	-3.789	-3.110	-2.366
2651	26.50	-1.759	-1.419	-1.360	-1.472	-1.564	-1.430	-0.929	-0.037	1.138	2.387
2661	26.60	3.471	4.195	4.463	4.299	3.821	3.187	2.534	1.940	1.412	0.914
2671	26.70	0.409	-0.111	-0.606	-1.006	-1.248	-1.306	-1.216	-1.061	-0.944	-0.944
2681	26.80	-1.090	-1.344	-1.621	-1.824	-1.879	-1.762	-1.508	-1.198	-0.929	-0.783
2691	26.90	-0.798	-0.956	-1.190	-1.403	-1.504	-1.444	-1.241	-0.983	-0.801	-0.827
2701	27.00	-1.138	-1.717	-2.444	-3.129	-3.572	-3.633	-3.289	-2.637	-1.864	-1.174
2711	27.10	-0.717	-0.535	-0.558	-0.641	-0.628	-0.412	0.026	0.620	1.246	1.772
2721	27.20	2.093	2.158	1.965	1.554	0.990	0.350	-0.285	-0.835	-1.238	-1.458
2731	27.30	-1.499	-1.407	-1.253	-1.110	-1.023	-0.990	-0.966	-0.883	-0.680	-0.336
2741	27.40	0.118	0.612	1.058	1.386	1.565	1.609	1.568	1.509	1.488	1.544
2751	27.50	1.683	1.888	2.120	2.331	2.467	2.482	2.348	2.069	1.689	1.282
2761	27.60	0.938	0.734	0.697	0.793	0.918	0.932	0.699	0.140	-0.735	-1.819
2771	27.70	-2.929	-3.863	-4.459	-4.645	-4.459	-4.029	-3.526	-3.099	-2.828	-2.695
2781	27.80	-2.607	-2.435	-2.075	-1.487	-0.715	0.136	0.945	1.613	2.098	2.415
2791	27.90	2.611	2.739	2.824	2.865	2.842	2.744	2.576	2.364	2.139	1.915
2801	28.00	1.683	1.413	1.087	0.719	0.368	0.127	0.081	0.269	0.656	1.139
2811	28.10	1.587	1.892	2.014	1.992	1.916	1.875	1.910	1.986	2.014	1.898
2821	28.20	1.589	1.122	0.606	0.184	-0.035	-0.021	0.157	0.367	0.466	0.366
2831	28.30	0.068	-0.336	-0.709	-0.927	-0.934	-0.769	-0.552	-0.443	-0.574	-1.001
2841	28.40	-1.672	-2.436	-3.093	-3.455	-3.416	-2.995	-2.334	-1.659	-1.194	-1.086
2851	28.50	-1.335	-1.799	-2.238	-2.406	-2.150	-1.469	-0.516	0.469	1.252	1.695
2861	28.60	1.802	1.695	1.546	1.493	1.580	1.759	1.931	2.021	2.023	2.005
2871	28.70	2.058	2.227	2.458	2.603	2.474	1.946	1.031	-0.090	-1.127	-1.787
2881	28.80	-1.905	-1.518	-0.864	-0.285	-0.093	-0.437	-1.243	-2.242	-3.083	-3.469
2891	28.90	-3.273	-2.577	-1.633	-0.753	-0.194	-0.063	-0.300	-0.716	-1.081	-1.215
2901	29.00	-1.042	-0.605	-0.027	0.550	1.021	1.351	1.569	1.743	1.932	2.156
2911	29.10	2.389	2.576	2.660	2.617	2.469	2.272	2.090	1.962	1.886	1.816
2921	29.20	1.692	1.472	1.163	0.822	0.543	0.406	0.450	0.645	0.908	1.140
2931	29.30	1.268	1.284	1.244	1.240	1.354	1.612	1.969	2.319	2.538	2.529
2941	29.40	2.259	1.766	1.137	0.474	-0.142	-0.664	-1.084	-1.415	-1.678	-1.888
2951	29.50	-2.056	-2.188	-2.290	-2.361	-2.386	-2.337	-2.182	-1.909	-1.546	-1.168
2961	29.60	-0.882	-0.795	-0.961	-1.359	-1.890	-2.412	-2.803	-3.011	-3.078	-3.119
2971	29.70	-3.261	-3.577	-4.036	-4.505	-4.802	-4.769	-4.347	-3.609	-2.735	-1.953
2981	29.80	-1.450	-1.308	-1.481	-1.816	-2.114	-2.199	-1.974	-1.450	-0.730	0.016
2991	29.90	0.606	0.891	0.802	0.364	-0.296	-0.985	-1.494	-1.663	-1.439	-0.901

Table 7-25-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 2051 S707-GR-1-9 HA. (HA.) KUJIGAWA EMB. MAX. ACC. = 59.935 (GAL) T= 1.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.235	0.331	0.611	0.541	0.204	-0.199	-0.437	-0.343	0.109	0.791
3011	30.10	1.474	1.927	2.007	1.715	1.181	0.601	0.145	-0.105	-0.174	-0.154
3021	30.20	-0.136	-0.156	-0.169	-0.083	0.184	0.650	1.241	1.819	2.240	2.420
3031	30.30	2.366	2.165	1.952	1.825	1.808	1.850	1.853	1.737	1.489	1.177
3041	30.40	0.928	0.874	1.092	1.569	2.209	2.873	3.428	3.801	3.988	4.041
3051	30.50	4.033	4.016	4.002	3.961	3.847	3.626	3.296	2.889	2.457	2.047
3061	30.60	1.684	1.367	1.076	0.793	0.518	0.272	0.088	-0.012	-0.030	0.002
3071	30.70	0.031	0.015	-0.063	-0.177	-0.273	-0.294	-0.219	-0.081	0.036	0.020
3081	30.80	-0.217	-0.699	-1.367	-2.094	-2.726	-3.139	-3.286	-3.206	-3.010	-2.831
3091	30.90	-2.771	-2.866	-3.073	-3.295	-3.412	-3.330	-3.007	-2.467	-1.792	-1.101
3101	31.00	-0.527	-0.181	-0.120	-0.328	-0.703	-1.076	-1.256	-1.094	-0.543	0.300
3111	31.10	1.217	1.928	2.196	1.922	1.198	0.277	-0.508	-0.879	-0.719	-0.124
3121	31.20	0.641	1.240	1.401	1.013	0.158	-0.935	-1.986	-2.768	-3.164	-3.185
3131	31.30	-2.922	-2.494	-2.004	-1.520	-1.094	-0.773	-0.606	-0.622	-0.800	-1.051
3141	31.40	-1.238	-1.221	-0.926	-0.389	0.243	0.770	1.019	0.931	0.588	0.185
3151	31.50	-0.061	0.001	0.386	0.980	1.595	2.061	2.297	2.333	2.272	2.222
3161	31.60	2.234	2.277	2.270	2.141	1.877	1.546	1.260	1.110	1.108	1.173
3171	31.70	1.167	0.970	0.551	-0.001	-0.517	-0.825	-0.845	-0.634	-0.372	-0.279
3181	31.80	-0.503	-1.043	-1.737	-2.323	-2.557	-2.315	-1.654	-0.785	0.014	0.515
3191	31.90	0.622	0.398	0.018	-0.319	-0.473	-0.417	-0.221	-0.008	0.121	0.127
3201	32.00	0.049	-0.031	-0.029	0.094	0.319	0.584	0.814	0.955	0.995	0.955
3211	32.10	0.872	0.776	0.673	0.548	0.377	0.147	-0.131	-0.419	-0.664	-0.813
3221	32.20	-0.833	-0.725	-0.523	-0.288	-0.087	0.029	0.040	-0.031	-0.124	-0.164
3231	32.30	-0.086	0.131	0.455	0.801	1.064	1.153	1.033	0.741	0.378	0.068
3241	32.40	-0.088	-0.054	0.122	0.330	0.443	0.374	0.109	-0.283	-0.678	-0.952
3251	32.50	-1.030	-0.920	-0.704	-0.505	-0.437	-0.558	-0.850	-1.227	-1.572	-1.777
3261	32.60	-1.781	-1.579	-1.215	-0.760	-0.288	0.146	0.506	0.779	0.958	1.048
3271	32.70	1.065	1.038	1.011	1.036	1.157	1.392	1.717	2.066	2.344	2.452
3281	32.80	2.321	1.933	1.336	0.632	-0.048	-0.580	-0.881	-0.935	-0.801	-0.594
3291	32.90	-0.454	-0.505	-0.805	-1.328	-1.958	-2.522	-2.840	-2.786	-2.336	-1.579
3301	33.00	-0.696	0.098	0.626	0.804	0.667	0.348	0.019	-0.176	-0.175	-0.018
3311	33.10	0.175	0.262	0.135	-0.236	-0.794	-1.421	-1.983	-2.374	-2.550	-2.524
3321	33.20	-2.355	-2.114	-1.856	-1.605	-1.349	-1.052	-0.672	-0.181	0.416	1.071
3331	33.30	1.695	2.171	2.393	2.300	1.910	1.333	0.742	0.322	0.198	0.383
3341	33.40	0.765	1.144	1.316	1.153	0.684	0.075	-0.417	-0.557	-0.220	0.552
3351	33.50	1.568	2.571	3.333	3.745	3.634	3.723	3.557	3.422	3.308	3.135
3361	33.60	2.810	2.297	1.653	1.011	0.517	0.257	0.210	0.254	0.229	0.016
3371	33.70	-0.396	-0.895	-1.296	-1.423	-1.192	-0.655	0.017	0.604	0.924	0.900
3381	33.80	0.580	0.106	-0.358	-0.691	-0.856	-0.905	-0.939	-1.063	-1.343	-1.787
3391	33.90	-2.350	-2.953	-3.506	-3.920	-4.119	-4.052	-3.696	-3.078	-2.280	-1.429
3401	34.00	-0.673	-0.141	0.102	0.080	-0.103	-0.301	-0.381	-0.278	-0.019	0.287
3411	34.10	0.493	0.479	0.198	-0.295	-0.861	-1.319	-1.507	-1.336	-0.822	-0.082
3421	34.20	0.690	1.279	1.508	1.284	0.637	-0.286	-1.252	-2.004	-2.336	-2.158
3431	34.30	-1.525	-0.624	0.290	0.975	1.290	1.231	0.929	0.581	0.374	0.410
3441	34.40	0.676	1.065	1.439	1.694	1.803	1.818	1.823	1.885	2.009	2.138
3451	34.50	2.183	2.079	1.822	1.474	1.135	0.890	0.766	0.724	0.685	0.578
3461	34.60	0.384	0.146	-0.054	-0.145	-0.106	0.016	0.135	0.176	0.117	0.003
3471	34.70	-0.082	-0.067	0.053	0.204	0.263	0.124	-0.236	-0.732	-1.198	-1.459
3481	34.80	-1.418	-1.100	-0.652	-0.272	-0.120	-0.247	-0.578	-0.952	-1.205	-1.245
3491	34.90	-1.093	-0.858	-0.683	-0.667	-0.828	-1.102	-1.385	-1.587	-1.671	-1.653

Table 7-25-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 2051 S707-GR-1-9 HA. (HA.) KUJIGAWA EMB. MAX. ACC. = 59.935 (GAL) T= 1.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.581	-1.495	-1.402	-1.279	-1.104	-0.878	-0.642	-0.458	-0.380	-0.411
3511	35.10	-0.497	-0.544	-0.461	-0.200	0.218	0.715	1.192	1.571	1.823	1.956
3521	35.20	1.996	1.953	1.805	1.511	1.044	0.426	-0.259	-0.884	-1.324	-1.507
3531	35.30	-1.440	-1.201	-0.906	-0.655	-0.494	-0.413	-0.370	-0.331	-0.300	-0.321
3541	35.40	-0.451	-0.720	-1.095	-1.480	-1.742	-1.762	-1.487	-0.952	-0.268	0.421
3551	35.50	0.980	1.336	1.481	1.469	1.380	1.293	1.265	1.325	1.471	1.687
3561	35.60	1.936	2.171	2.329	2.353	2.198	1.857	1.367	0.809	0.288	-0.102
3571	35.70	-0.302	-0.306	-0.164	0.046	0.242	0.368	0.405	0.373	0.321	0.301
3581	35.80	0.354	0.496	0.711	0.954	1.160	1.256	1.178	0.892	0.406	-0.222
3591	35.90	-0.893	-1.493	-1.915	-2.099	-2.039	-1.792	-1.449	-1.110	-0.851	-0.702
3601	36.00	-0.653	-0.658	-0.666	-0.634	-0.541	-0.382	-0.167	0.088	0.366	0.637
3611	36.10	0.864	1.005	1.021	0.899	0.666	0.385	0.143	0.016	0.038	0.177
3621	36.20	0.346	0.433	0.348	0.066	-0.354	-0.787	-1.085	-1.129	-0.875	-0.364
3631	36.30	0.295	0.968	1.537	1.933	2.134	2.151	2.008	1.724	1.325	0.852
3641	36.40	0.372	-0.023	-0.245	-0.247	-0.056	0.222	0.439	0.454	0.203	-0.271
3651	36.50	-0.825	-1.270	-1.450	-1.302	-0.889	-0.370	0.072	0.298	0.274	0.069
3661	36.60	-0.184	-0.356	-0.383	-0.284	-0.146	-0.064	-0.090	-0.204	-0.323	-0.347
3671	36.70	-0.219	0.047	0.363	0.609	0.692	0.591	0.367	0.139	0.022	0.077
3681	36.80	0.276	0.518	0.674	0.642	0.398	-0.006	-0.464	-0.869	-1.166	-1.365
3691	36.90	-1.535	-1.755	-2.070	-2.457	-2.826	-3.057	-3.050	-2.774	-2.281	-1.692
3701	37.00	-1.152	-0.776	-0.608	-0.607	-0.675	-0.694	-0.574	-0.289	0.120	0.563
3711	37.10	0.938	1.167	1.218	1.111	0.903	0.662	0.447	0.286	0.179	0.105
3721	37.20	0.031	-0.064	-0.187	-0.323	-0.443	-0.510	-0.494	-0.378	-0.167	0.114
3731	37.30	0.430	0.737	1.005	1.210	1.350	1.426	1.448	1.420	1.341	1.207
3741	37.40	1.019	0.788	0.535	0.290	0.084	-0.066	-0.156	-0.201	-0.222	-0.242
3751	37.50	-0.274	-0.319	-0.372	-0.423	-0.464	-0.491	-0.496	-0.469	-0.392	-0.250
3761	37.60	-0.037	0.227	0.502	0.728	0.856	0.864	0.773	0.651	0.579	0.622
3771	37.70	0.796	1.043	1.253	1.294	1.068	0.555	-0.175	-0.974	-1.665	-2.102
3781	37.80	-2.219	-2.043	-1.686	-1.294	-0.995	-0.862	-0.892	-1.024	-1.164	-1.228
3791	37.90	-1.163	-0.958	-0.635	-0.237	0.191	0.605	0.967	1.242	1.401	1.430
3801	38.00	1.337	1.159	0.953	0.786	0.706	0.731	0.841	0.983	1.102	1.159
3811	38.10	1.146	1.094	1.046	1.043	1.099	1.198	1.300	1.365	1.370	1.317
3821	38.20	1.228	1.132	1.041	0.949	0.834	0.673	0.466	0.242	0.053	-0.046
3831	38.30	-0.025	0.107	0.298	0.474	0.569	0.553	0.442	0.293	0.171	0.125
3841	38.40	0.157	0.225	0.258	0.107	-0.023	-0.360	-0.767	-1.161	-1.466	-1.636
3851	38.50	-1.667	-1.597	-1.485	-1.396	-1.380	-1.460	-1.631	-1.863	-2.110	-2.317
3861	38.60	-2.438	-2.435	-2.298	-2.034	-1.690	-1.326	-1.007	-0.789	-0.701	-0.732
3871	38.70	-0.837	-0.946	-0.985	-0.901	-0.678	-0.351	0.009	0.310	0.470	0.445
3881	38.80	0.246	-0.057	-0.359	-0.549	-0.547	-0.333	0.044	0.481	0.855	1.063
3891	38.90	1.051	0.833	0.480	0.097	-0.217	-0.391	-0.403	-0.274	-0.058	0.186
3901	39.00	0.403	0.556	0.629	0.625	0.557	0.452	0.342	0.258	0.228	0.266
3911	39.10	0.368	0.515	0.683	0.849	1.004	1.154	1.315	1.498	1.697	1.888
3921	39.20	2.028	2.074	1.997	1.796	1.503	1.174	0.873	0.653	0.544	0.547
3931	39.30	0.630	0.742	0.819	0.802	0.651	0.360	-0.038	-0.473	-0.853	-1.087
3941	39.40	-1.124	-0.961	-0.657	-0.309	-0.018	0.144	0.159	0.061	-0.084	-0.220
3951	39.50	-0.321	-0.403	-0.508	-0.673	-0.901	-1.148	-1.343	-1.420	-1.352	-1.173
3961	39.60	-0.964	-0.820	-0.801	-0.902	-1.046	-1.120	-1.017	-0.685	-0.155	0.472
3971	39.70	1.056	1.467	1.627	1.529	1.226	0.815	0.403	0.082	-0.083	-0.064
3981	39.80	0.129	0.453	0.833	1.179	1.398	1.427	1.247	0.893	0.449	0.019
3991	39.90	-0.311	-0.495	-0.546	-0.524	-0.515	-0.593	-0.798	-1.119	-1.507	-1.887

Table 7-25-9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 2051 S707-GR-1-9 HA. (HA.) KUJIGAWA EMB. MAX. ACC. = 59.935 (GAL) T= 1.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.187	-2.355	-2.373	-2.257	-2.048	-1.798	-1.553	-1.336	-1.144	-0.951
4011	40.10	-0.718	-0.415	-0.038	0.385	0.799	1.143	1.371	1.471	1.462	1.383
4021	40.20	1.265	1.118	0.927	0.672	0.352	0.009	-0.285	-0.446	-0.427	-0.249
4031	40.30	-0.007	0.166	0.157	-0.070	-0.444	-0.809	-0.992	-0.877	-0.467	0.111
4041	40.40	0.652	0.965	0.946	0.623	0.138	-0.321	-0.600	-0.638	-0.481	-0.246
4051	40.50	-0.058	0.006	-0.062	-0.214	-0.384	-0.528	-0.637	-0.726	-0.807	-0.864
4061	40.60	-0.848	-0.702	-0.397	0.046	0.548	0.996	1.292	1.381	1.276	1.041
4071	40.70	0.768	0.538	0.405	0.387	0.476	0.644	0.854	1.054	1.180	1.172
4081	40.80	0.992	0.655	0.243	-0.114	-0.277	-0.161	0.224	0.760	1.262	1.550
4091	40.90	1.525	1.216	0.765	0.374	0.211	0.346	0.720	1.177	1.536	1.664
4101	41.00	1.528	1.194	0.788	0.440	0.229	0.167	0.215	0.306	0.383	0.409
4111	41.10	0.367	0.254	0.068	-0.183	-0.473	-0.750	-0.948	-1.006	-0.899	-0.653
4121	41.20	-0.339	-0.040	0.182	0.323	0.424	0.552	0.745	0.982	1.174	1.205
4131	41.30	0.985	0.505	-0.149	-0.819	-1.342	-1.623	-1.673	-1.602	-1.568	-1.696
4141	41.40	-2.021	-2.469	-2.887	-3.116	-3.055	-2.701	-2.139	-1.503	-0.911	-0.429
4151	41.50	-0.057	0.245	0.518	0.775	0.991	1.125	1.145	1.056	0.901	0.740
4161	41.60	0.624	0.570	0.556	0.536	0.470	0.364	0.175	-0.002	-0.155	-0.279
4171	41.70	-0.396	-0.543	-0.746	-1.003	-1.274	-1.496	-1.611	-1.582	-1.413	-1.142
4181	41.80	-0.829	-0.533	-0.303	-0.170	-0.151	-0.247	-0.443	-0.699	-0.952	-1.126
4191	41.90	-1.151	-0.993	-0.672	-0.263	0.126	0.396	0.499	0.457	0.351	0.286
4201	42.00	0.340	0.528	0.796	1.044	1.177	1.141	0.947	0.659	0.355	0.090
4211	42.10	-0.124	-0.317	-0.524	-0.758	-0.988	-1.150	-1.181	-1.059	-0.819	-0.548
4221	42.20	-0.342	-0.261	-0.290	-0.347	-0.317	-0.109	0.293	0.812	1.304	1.615
4231	42.30	1.642	1.375	0.906	0.392	-0.001	-0.153	-0.025	0.341	0.841	1.347
4241	42.40	1.742	1.946	1.926	1.700	1.333	0.917	0.558	0.347	0.328	0.483
4251	42.50	0.727	0.934	0.974	0.769	0.317	-0.296	-0.918	-1.404	-1.645	-1.615
4261	42.60	-1.377	-1.063	-0.734	-0.530	-0.444	-0.426	-0.390	-0.257	0.016	0.415
4271	42.70	0.872	1.291	1.578	1.664	1.531	1.209	0.772	0.314	-0.075	-0.334
4281	42.80	-0.441	-0.420	-0.322	-0.202	-0.096	-0.008	0.089	0.231	0.440	0.706
4291	42.90	0.984	1.211	1.339	1.356	1.298	1.232	1.220	1.281	1.375	1.407
4301	43.00	1.266	0.882	0.256	-0.520	-1.290	-1.894	-2.222	-2.257	-2.077	-1.821
4311	43.10	-1.631	-1.591	-1.702	-1.880	-1.997	-1.937	-1.645	-1.147	-0.546	0.025
4321	43.20	0.445	0.654	0.663	0.547	0.411	0.345	0.389	0.523	0.675	0.759
4331	43.30	0.704	0.493	0.164	-0.198	-0.496	-0.650	-0.624	-0.431	-0.126	0.227
4341	43.40	0.567	0.860	1.093	1.270	1.394	1.460	1.453	1.359	1.171	0.899
4351	43.50	0.563	0.195	-0.177	-0.527	-0.833	-1.075	-1.229	-1.273	-1.199	-1.020
4361	43.60	-0.778	-0.539	-0.377	-0.343	-0.450	-0.661	-0.903	-1.087	-1.145	-1.048
4371	43.70	-0.818	-0.516	-0.216	0.020	0.161	0.210	0.201	0.176	0.171	0.204
4381	43.80	0.271	0.351	0.418	0.448	0.430	0.368	0.286	0.212	0.177	0.196
4391	43.90	0.265	0.356	0.425	0.431	0.346	0.173	-0.054	-0.285	-0.466	-0.570
4401	44.00	-0.598	-0.586	-0.587	-0.648	-0.791	-1.004	-1.241	-1.442	-1.550	-1.533
4411	44.10	-1.387	-1.140	-0.844	-0.557	-0.336	-0.222	-0.230	-0.346	-0.529	-0.718
4421	44.20	-0.849	-0.873	-0.773	-0.569	-0.312	-0.066	0.123	0.239	0.311	0.391
4431	44.30	0.537	0.777	1.100	1.453	1.763	1.967	2.040	2.003	1.918	1.852
4441	44.40	1.855	1.936	2.057	2.158	2.179	2.090	1.899	1.653	1.409	1.219
4451	44.50	1.102	1.044	1.010	0.957	0.860	0.716	0.547	0.388	0.267	0.196
4461	44.60	0.165	0.148	0.113	0.034	-0.097	-0.270	-0.461	-0.639	-0.777	-0.859
4471	44.70	-0.883	-0.859	-0.809	-0.757	-0.732	-0.754	-0.839	-0.988	-1.188	-1.409
4481	44.80	-1.609	-1.740	-1.756	-1.625	-1.345	-0.946	-0.491	-0.064	0.254	0.401
4491	44.90	0.360	0.164	-0.111	-0.373	-0.537	-0.557	-0.438	-0.232	-0.014	0.146

Table 7-25-10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2051 S707-GR-1-9 HA. (HA.) KUJIGAWA EMB. MAX. ACC. = 59.935 (GAL) T= 1.23 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.211	0.190	0.124	0.068	0.061	0.107	0.173	0.211	0.175	0.052
4511	45.10	-0.134	-0.339	-0.514	-0.636	-0.717	-0.793	-0.903	-1.061	-1.238	-1.373
4521	45.20	-1.395	-1.257	-0.966	-0.585	-0.208	0.073	0.209	0.213	0.149	0.105
4531	45.30	0.150	0.299	0.512	0.703	0.788	0.711	0.475	0.135	-0.225	-0.523
4541	45.40	-0.707	-0.773	-0.750	-0.686	-0.625	-0.588	-0.573	-0.563	-0.541	-0.498
4551	45.50	-0.442	-0.385	-0.340	-0.305	-0.264	-0.193	-0.070	0.107	0.313	0.496
4561	45.60	0.594	0.560	0.382	0.096	-0.217	-0.462	-0.558	-0.478	-0.261	0.000
4571	45.70	0.195	0.241	0.119	-0.108	-0.326	-0.413	-0.298	0.005	0.399	0.738
4581	45.80	0.892	0.800	0.506	0.136	-0.144	-0.201	0.016	0.457	0.989	1.451
4591	45.90	1.714	1.718	1.488	1.111	0.696	0.336	0.086	-0.042	-0.063	-0.000
4601	46.00	0.127	0.309	0.537	0.794	1.051	1.273	1.422	1.474	1.426	1.296
4611	46.10	1.118	0.932	0.772	0.657	0.586	0.542	0.495	0.414	0.279	0.087
4621	46.20	-0.142	-0.372	-0.563	-0.687	-0.733	-0.719	-0.675	-0.637	-0.628	-0.649
4631	46.30	-0.684	-0.708	-0.700	-0.655	-0.582	-0.497	-0.412	-0.327	-0.232	-0.117
4641	46.40	0.019	0.159	0.278	0.352	0.377	0.375	0.388	0.458	0.605	0.809
4651	46.50	1.013	1.141	1.132	0.963	0.663	0.304	-0.030	-0.269	-0.387	-0.404
4661	46.60	-0.372	-0.353	-0.392	-0.504	-0.672	-0.855	-1.012	-1.107	-1.120	-1.049
4671	46.70	-0.903	-0.706	-0.484	-0.267	-0.079	0.065	0.166	0.239	0.302	0.374
4681	46.80	0.455	0.530	0.577	0.572	0.516	0.428	0.348	0.320	0.365	0.477
4691	46.90	0.618	0.734	0.780	0.731	0.598	0.413	0.212	0.024	-0.146	-0.307
4701	47.00	-0.468	-0.626	-0.757	-0.828	-0.805	-0.680	-0.472	-0.231	-0.019	0.111
4711	47.10	0.128	0.030	-0.156	-0.389	-0.622	-0.810	-0.919	-0.925	-0.824	-0.644
4721	47.20	-0.437	-0.280	-0.250	-0.395	-0.707	-1.114	-1.494	-1.716	-1.685	-1.382
4731	47.30	-0.878	-0.308	0.175	0.458	0.507	0.376	0.176	0.030	0.026	0.187
4741	47.40	0.470	0.794	1.074	1.249	1.295	1.219	1.044	0.801	0.522	0.245
4751	47.50	0.021	-0.093	-0.050	0.163	0.510	0.906	1.236	1.395	1.327	1.050
4761	47.60	0.646	0.234	-0.080	-0.238	-0.253	-0.196	-0.164	-0.236	-0.446	-0.775
4771	47.70	-1.159	-1.521	-1.794	-1.942	-1.955	-1.845	-1.636	-1.351	-1.018	-0.666
4781	47.80	-0.332	-0.055	0.135							

Table 7-26-1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 2052 S707-GR-1-9 U-D (U-D) KUJIGAWA EMB. MAX. ACC. = 27.199 (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	8.131	12.168	12.709	10.003	5.893	2.774	2.207	3.946	5.963	5.529
11	0.10	0.832	-7.723	-17.302	-23.723	-23.386	-15.136	-1.092	14.007	24.723	27.199
21	0.20	20.776	8.179	-5.747	-16.135	-20.022	-17.249	-10.056	-1.705	5.076	9.067
31	0.30	10.565	10.627	10.085	8.980	6.684	2.587	-3.151	-9.308	-13.975	-15.435
41	0.40	-13.040	-7.591	-0.988	4.668	8.023	8.962	8.407	7.563	7.089	6.689
51	0.50	5.363	2.181	-2.892	-8.639	-12.955	-13.612	-10.323	-3.352	4.696	10.839
61	0.60	12.797	9.973	3.676	-3.498	-8.616	-10.539	-8.529	-4.105	0.700	4.096
71	0.70	5.245	4.443	2.790	1.554	1.582	2.981	5.152	7.093	7.793	6.575
81	0.80	3.306	-1.534	-6.910	-11.418	-13.600	-12.374	-7.464	0.323	9.147	16.581
91	0.90	20.366	19.208	13.290	4.263	-5.317	-12.889	-16.737	-16.458	-12.858	-7.401
101	1.00	-1.518	3.873	8.414	11.994	14.315	14.697	12.293	6.651	-1.687	-10.946
111	1.10	-18.481	-21.692	-19.121	-11.212	-0.333	10.017	16.526	17.333	12.662	4.602
121	1.20	-3.902	-10.311	-13.431	-13.607	-12.153	-10.378	-8.753	-6.694	-3.058	2.912
131	1.30	10.756	18.571	23.601	23.410	17.100	5.945	-6.905	-17.571	-22.951	-21.900
141	1.40	-15.580	-6.822	1.144	6.006	7.130	5.472	2.787	0.601	-0.504	-0.952
151	1.50	-1.625	-3.062	-4.917	-6.017	-5.009	-1.262	4.504	10.240	13.337	11.799
161	1.60	5.284	-4.525	-14.442	-21.000	-21.850	-16.725	-7.538	2.407	9.757	12.398
171	1.70	10.175	4.764	-1.169	-5.137	-5.800	-3.354	0.751	4.581	6.605	6.301
181	1.80	4.274	1.869	0.491	0.941	3.041	5.683	7.280	6.427	2.523	-3.889
191	1.90	-11.188	-17.149	-19.665	-17.485	-10.697	-0.793	9.733	18.126	22.218	21.081
201	2.00	15.285	6.668	-2.273	-9.162	-12.429	-11.676	-7.659	-1.934	3.690	7.674
211	2.10	9.132	7.971	4.813	0.741	-3.032	-5.509	-6.175	-5.125	-3.021	-0.849
221	2.20	0.441	0.311	-1.116	-3.064	-4.395	-4.080	-1.691	2.339	6.803	10.164
231	2.30	11.188	9.483	5.714	1.359	-1.902	-2.901	-1.499	1.352	4.029	4.970
241	2.40	3.389	-0.338	-4.801	-8.153	-8.904	-6.586	-1.980	3.181	6.913	7.784
251	2.50	5.490	0.961	-4.020	-7.525	-8.210	-5.793	-1.096	4.314	8.721	10.848
261	2.60	10.210	7.156	2.622	-2.225	-6.350	-9.048	-9.995	-9.187	-6.868	-3.484
271	2.70	0.331	3.800	6.120	6.675	5.285	2.354	-1.161	-4.020	-5.129	-3.970
281	2.80	-0.839	3.229	6.841	8.776	8.458	6.146	2.776	-0.479	-2.707	-3.606
291	2.90	-3.503	-3.073	-2.908	-3.158	-3.441	-3.066	-1.445	1.503	5.186	8.500
301	3.00	10.256	9.678	6.755	2.275	-2.453	-6.078	-7.671	-6.992	-4.494	-1.083
311	3.10	2.222	4.603	5.622	5.254	3.807	1.787	-0.245	-1.804	-2.598	-2.608
321	3.20	-2.105	-1.563	-1.477	-2.134	-3.433	-4.868	-5.701	-5.292	-3.425	-0.484
331	3.30	2.647	4.921	5.572	4.446	2.044	-0.720	-2.970	-4.265	-4.738	-4.919
341	3.40	-5.326	-6.074	-6.727	-6.501	-4.745	-1.415	2.701	6.191	7.595	6.078
351	3.50	1.875	-3.729	-8.905	-12.023	-12.297	-10.019	-6.292	-2.428	0.673	2.823
361	3.60	4.406	5.903	7.382	8.280	7.646	4.722	-0.423	-6.606	-11.796	-13.880
371	3.70	-11.610	-5.274	3.238	11.071	15.474	14.873	9.464	1.111	-7.417	-13.501
381	3.80	-15.586	-13.595	-8.734	-2.838	2.392	5.956	7.710	8.134	7.910	7.521
391	3.90	7.075	6.372	5.131	3.218	0.764	-1.884	-4.302	-6.147	-7.230	-7.495
401	4.00	-6.944	-5.576	-3.394	-0.491	2.869	6.202	8.879	10.289	10.044	8.130
411	4.10	4.939	1.164	-2.405	-5.099	-6.521	-6.594	-5.504	-3.595	-1.268	1.077
421	4.20	3.053	4.306	4.552	3.667	1.787	-0.648	-2.944	-4.338	-4.244	-2.496
431	4.30	0.544	4.071	7.094	8.772	8.697	6.998	4.237	1.151	-1.623	-3.723
441	4.40	-5.058	-5.678	-5.605	-4.773	-3.111	-0.730	1.914	4.041	4.792	3.634
451	4.50	0.725	-2.973	-5.963	-6.799	-4.745	-0.207	5.316	9.787	11.476	9.731
461	4.60	5.298	0.037	-3.871	-4.873	-2.716	1.471	5.702	8.037	7.431	4.151
471	4.70	-0.410	-4.402	-6.343	-5.719	-3.104	0.213	2.859	3.979	3.521	2.125
481	4.80	0.722	0.060	0.390	1.405	2.441	2.789	1.982	-0.039	-2.915	-5.970
491	4.90	-8.384	-9.386	-8.473	-5.599	-1.295	3.362	6.994	8.363	6.761	2.552

Table 7-26-2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 2052 S707-GR-1-9 U-D (U-D) KUJIGAWA EMB. MAX. ACC. = 27.199 (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	-2.999	-8.004	-10.644	-9.878	-5.893	-0.071	5.547	9.072	9.521	7.165
511	5.10	3.338	-0.205	-2.081	-1.848	-0.113	1.869	2.869	2.309	0.530	-1.410
521	5.20	-2.298	-1.405	1.115	4.256	6.608	7.003	5.063	1.398	-2.638	-5.515
531	5.30	-6.166	-4.429	-1.095	2.429	4.706	4.835	2.773	-0.705	-4.364	-7.027
541	5.40	-8.020	-7.366	-5.676	-3.805	-2.455	-1.902	-1.962	-2.188	-2.171	-1.790
551	5.50	-1.264	-1.003	-1.326	-2.228	-3.317	-3.984	-3.715	-2.396	-0.430	1.402
561	5.60	2.291	1.783	0.012	-2.348	-4.385	-5.368	-5.057	-3.772	-2.185	-0.955
571	5.70	-0.413	-0.445	-0.635	-0.556	-0.056	0.654	1.137	1.021	0.260	-0.784
581	5.80	-1.507	-1.384	-0.274	1.473	3.159	4.076	3.839	2.570	0.806	-0.774
591	5.90	-1.669	-1.745	-1.207	-0.399	0.425	1.211	2.039	2.939	3.736	4.053
601	6.00	3.508	1.999	-0.106	-2.026	-2.891	-2.200	-0.158	2.304	3.905	3.612
611	6.10	1.192	-2.583	-6.210	-8.102	-7.309	-3.962	0.774	5.231	7.987	8.473
621	6.20	7.155	5.210	3.889	3.879	4.981	6.263	6.564	5.108	1.911	-2.203
631	6.30	-5.961	-8.191	-8.280	-6.371	-3.219	0.160	2.889	4.478	4.873	4.328
641	6.40	3.220	1.898	0.619	-0.445	-1.186	-1.559	-1.608	-1.470	-1.343	-1.387
651	6.50	-1.631	-1.927	-2.008	-1.627	-0.720	0.517	1.667	2.278	2.078	1.131
661	6.60	-0.168	-1.246	-1.603	-1.023	0.347	2.083	3.692	4.819	5.370	5.490
671	6.70	5.430	5.386	5.390	5.316	4.962	4.186	2.992	1.550	0.148	-0.907
681	6.80	-1.371	-1.131	-0.237	1.086	2.461	3.415	3.492	2.400	0.163	-2.814
691	6.90	-5.818	-8.045	-0.901	-8.259	-6.539	-4.557	-3.178	-2.935	-3.787	-5.149
701	7.00	-6.191	-6.265	-5.260	-3.674	-2.377	-2.161	-3.307	-5.386	-7.428	-8.368
711	7.10	-7.564	-5.132	-1.907	0.934	2.426	2.263	0.913	-0.634	-1.375	-0.788
721	7.20	0.930	2.996	4.459	4.696	3.713	2.128	0.832	0.527	1.368	2.900
731	7.30	4.295	4.783	4.033	2.308	0.325	-1.090	-1.390	-0.524	1.085	2.779
741	7.40	3.975	4.390	4.090	3.352	2.461	1.555	0.599	-0.498	-1.731	-2.900
751	7.50	-3.641	-3.587	-2.562	-0.713	1.505	3.490	4.726	4.979	4.367	3.275
761	7.60	2.175	1.428	1.163	1.284	1.565	1.779	1.798	1.610	1.266	0.819
771	7.70	0.271	-0.413	-1.254	-2.200	-3.102	-3.748	-3.935	-3.560	-2.670	-1.461
781	7.80	-0.225	0.736	1.189	1.024	0.271	-0.917	-2.306	-3.634	-4.664	-5.241
791	7.90	-5.325	-4.998	-4.433	-3.831	-3.350	-3.048	-2.873	-2.704	-2.425	-1.986
801	8.00	-1.428	-0.861	-0.391	-0.056	0.196	0.481	0.907	1.507	2.209	2.877
811	8.10	3.376	3.653	3.749	3.762	3.761	3.723	3.527	3.027	2.178	1.115
821	8.20	0.158	-0.307	-0.008	1.056	2.567	3.992	4.804	4.710	3.774	2.375
831	8.30	1.006	0.036	-0.462	-0.710	-1.057	-1.736	-2.681	-3.511	-3.710	-2.908
841	8.40	-1.123	1.164	3.172	4.136	3.652	1.877	-0.507	-2.559	-3.456	-2.818
851	8.50	-0.847	1.767	4.116	5.416	5.257	3.711	1.253	-1.435	-3.689	-5.055
861	8.60	-5.380	-4.807	-3.687	-2.449	-1.465	-0.940	-0.867	-1.050	-1.198	-1.053
871	8.70	-0.498	0.387	1.380	2.221	2.749	2.979	3.076	3.239	3.561	3.926
881	8.80	4.041	3.575	2.366	0.569	-1.340	-2.725	-3.054	-2.150	-0.296	1.657
891	8.90	3.556	4.246	3.785	2.462	0.830	-0.562	-1.390	-1.645	-1.541	-1.330
901	9.00	-1.132	-0.874	-0.384	0.436	1.456	2.288	2.419	1.451	-0.673	-3.570
911	9.10	-6.516	-8.699	-9.531	-8.872	-7.077	-4.841	-2.912	-1.810	-1.644	-2.118
921	9.20	-2.697	-2.857	-2.317	-1.153	0.251	1.368	1.765	1.295	0.174	-1.088
931	9.30	-1.890	-1.788	-0.697	1.041	2.769	3.761	3.533	2.060	-0.174	-2.351
941	9.40	-3.645	-3.578	-2.246	-0.298	1.331	1.821	0.851	-1.236	-3.552	-5.038
951	9.50	-4.926	-3.092	-0.132	2.873	4.812	5.018	3.552	1.174	-0.976	-1.862
961	9.60	-0.980	1.448	4.585	7.337	8.796	8.582	6.948	4.626	2.499	1.245
971	9.70	1.113	1.886	3.050	4.040	4.478	4.284	3.640	2.853	2.179	1.718
981	9.80	1.392	1.021	0.434	-0.439	-1.537	-2.706	-3.770	-4.597	-5.138	-5.414
991	9.90	-5.486	-5.431	-5.330	-5.271	-5.350	-5.641	-6.151	-6.769	-7.261	-7.332

Table 7-26-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 2052 S707-GR-1-9 U-D (U-D) KUJIGAWA EMB. MAX. ACC. = 27.199 (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	-6.736	-5.407	-3.534	-1.535	0.087	0.942	0.922	0.265	-0.547	-0.986
1011	10.10	-0.711	0.297	1.750	3.216	4.345	5.027	5.416	5.792	6.356	7.060
1021	10.20	7.598	7.551	6.636	4.908	2.805	0.982	0.019	0.130	1.040	2.092
1031	10.30	2.563	2.004	0.474	-1.488	-3.115	-3.782	-3.302	-2.002	-0.548	0.388
1041	10.40	0.459	-0.214	-1.127	-1.678	-1.476	-0.538	0.741	1.801	2.200	1.820
1051	10.50	0.897	-0.136	-0.876	-1.138	-0.996	-0.675	-0.369	-0.111	0.247	0.901
1061	10.60	1.930	3.168	4.233	4.682	4.242	2.961	1.219	-0.435	-1.535	-1.901
1071	10.70	-1.704	-1.342	-1.209	-1.473	-1.995	-2.420	-2.395	-1.795	-0.814	0.116
1081	10.80	0.562	0.340	-0.360	-1.035	-1.130	-0.329	1.235	2.997	4.194	4.209
1091	10.90	2.880	0.594	-1.851	-3.578	-3.995	-3.028	-1.122	0.968	2.503	3.041
1101	11.00	2.570	1.439	0.162	-0.816	-1.267	-1.219	-0.875	-0.489	-0.268	-0.325
1111	11.10	-0.682	-1.298	-2.082	-2.886	-3.519	-3.776	-3.525	-2.785	-1.778	-0.874
1121	11.20	-0.454	-0.726	-1.591	-2.637	-3.291	-3.081	-1.880	-0.015	1.826	2.872
1131	11.30	2.612	1.045	-1.279	-3.468	-4.644	-4.306	-2.536	0.045	2.537	4.120
1141	11.40	4.356	3.323	1.522	-0.354	-1.696	-2.176	-1.792	-0.791	0.486	1.740
1151	11.50	2.788	3.552	4.006	4.116	3.825	3.066	1.814	0.125	-1.847	-3.862
1161	11.60	-5.637	-6.890	-7.400	-7.050	-5.871	-4.056	-1.951	0.019	1.444	2.056
1171	11.70	1.815	0.932	-0.195	-1.116	-1.481	-1.151	-0.227	1.018	2.257	3.238
1181	11.80	3.845	4.096	4.077	3.868	3.496	2.950	2.228	1.394	0.596	0.019
1191	11.90	-0.197	-0.036	0.362	0.748	0.866	0.576	-0.071	-0.841	-1.414	-1.516
1201	12.00	-1.046	-0.122	0.963	1.856	2.287	2.165	1.598	0.833	0.140	-0.292
1211	12.10	-0.420	-0.330	-0.179	-0.106	-0.175	-0.365	-0.606	-0.832	-1.027	-1.220
1221	12.20	-1.451	-1.710	-1.906	-1.879	-1.462	-0.576	0.700	2.113	3.298	3.898
1231	12.30	3.697	2.709	1.177	-0.506	-1.936	-2.831	-3.104	-2.857	-2.306	-1.678
1241	12.40	-1.129	-0.717	-0.428	-0.229	-0.111	-0.095	-0.204	-0.419	-0.662	-0.805
1251	12.50	-0.733	-0.398	0.144	0.749	1.253	1.549	1.641	1.641	1.710	1.968
1261	12.60	2.416	2.927	3.290	3.307	2.895	2.136	1.255	0.540	0.222	0.387
1271	12.70	0.933	1.606	2.093	2.132	1.600	0.561	-0.760	-2.040	-2.957	-3.287
1281	12.80	-2.970	-2.129	-1.038	-0.040	0.562	0.600	0.114	-0.661	-1.361	-1.621
1291	12.90	-1.215	-0.146	1.322	2.745	3.636	3.640	2.664	0.930	-1.087	-2.799
1301	13.00	-3.698	-3.519	-2.320	-0.462	1.514	3.067	3.819	3.655	2.728	1.365
1311	13.10	-0.064	-1.273	-2.131	-2.651	-2.916	-2.992	-2.879	-2.517	-1.859	-0.953
1321	13.20	0.019	0.767	1.008	0.595	-0.384	-1.605	-2.617	-3.019	-2.631	-1.568
1331	13.30	-0.192	1.039	1.771	1.874	1.465	0.805	0.138	-0.433	-0.967	-1.598
1341	13.40	-2.390	-3.224	-3.799	-3.750	-2.851	-1.173	0.870	2.655	3.589	3.364
1351	13.50	2.101	0.304	-1.346	-2.273	-2.232	-1.376	-0.153	0.919	1.473	1.412
1361	13.60	0.889	0.176	-0.497	-1.031	-1.451	-1.816	-2.119	-2.247	-2.033	-1.374
1371	13.70	-0.334	0.838	1.790	2.234	2.085	1.515	0.873	0.505	0.575	0.976
1381	13.80	1.382	1.428	0.916	-0.060	-1.134	-1.838	-1.836	-1.095	0.077	1.171
1391	13.90	1.702	1.432	0.470	-0.797	-1.889	-2.449	-2.384	-1.863	-1.194	-0.651
1401	14.00	-0.343	-0.198	-0.039	0.280	0.780	1.343	1.793	2.012	2.016	1.953
1411	14.10	2.011	2.294	2.737	3.120	3.172	2.727	1.835	0.776	-0.043	-0.267
1421	14.20	0.247	1.346	2.630	3.607	3.873	3.253	1.852	-0.010	-1.917	-3.485
1431	14.30	-4.650	-4.694	-4.235	-3.193	-1.765	-0.218	1.141	2.002	2.127	1.433
1441	14.40	0.049	-1.697	-3.351	-4.470	-4.763	-4.188	-2.957	-1.461	-0.130	0.712
1451	14.50	0.948	0.681	0.168	-0.293	-0.499	-0.412	-0.177	-0.037	-0.220	-0.802
1461	14.60	-1.646	-2.419	-2.713	-2.229	-0.941	0.837	2.521	3.465	3.228	1.794
1471	14.70	-0.370	-2.466	-3.670	-3.483	-1.960	0.291	2.362	3.437	3.169	1.036
1481	14.80	0.217	-0.778	-0.555	0.857	2.794	4.260	4.403	2.955	0.407	-2.177
1491	14.90	-3.620	-3.176	-0.889	2.395	5.386	6.912	6.429	4.248	1.385	-0.910

Table 7-26-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 2052 S707-GR-1-9 U-D (U-D) KUJIGAWA EMB. MAX. ACC. = 27.199 (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	-1.700	-0.769	1.327	3.534	4.792	4.502	2.755	0.250	-2.054	-3.372
1511	15.10	-3.409	-2.434	-1.103	-0.121	0.071	-0.542	-1.598	-2.571	-3.032	-2.828
1521	15.20	-2.118	-1.256	-0.603	-0.370	-0.546	-0.946	-1.326	-1.503	-1.425	-1.161
1531	15.30	-0.834	-0.546	-0.330	-0.148	0.066	0.361	0.740	1.163	1.569	1.905
1541	15.40	2.134	2.224	2.143	1.855	1.344	0.647	-0.118	-0.769	-1.115	-1.036
1551	15.50	-0.552	0.154	0.787	1.044	0.735	-0.138	-1.372	-2.637	-3.600	-4.038
1561	15.60	-3.900	-3.299	-2.442	-1.539	-0.742	-0.122	0.306	0.540	0.575	0.405
1571	15.70	0.053	-0.398	-0.816	-1.060	-1.042	-0.776	-0.383	-0.036	0.121	0.052
1581	15.80	-0.155	-0.325	-0.292	0.009	0.499	0.985	1.250	1.169	0.775	0.252
1591	15.90	-0.147	-0.222	0.082	0.650	1.252	1.655	1.731	1.503	1.125	0.791
1601	16.00	0.636	0.675	0.802	0.859	0.723	0.369	-0.115	-0.572	-0.856	-0.889
1611	16.10	-0.691	-0.349	0.031	0.373	0.651	0.873	1.040	1.126	1.078	0.854
1621	16.20	0.464	0.008	-0.351	-0.435	-0.143	0.498	1.319	2.065	2.495	2.477
1631	16.30	2.038	1.347	0.630	0.065	-0.295	-0.531	-0.803	-1.242	-1.869	-2.561
1641	16.40	-3.098	-3.266	-2.964	-2.254	-1.348	-0.507	0.065	0.306	0.302	0.215
1651	16.50	0.185	0.250	0.335	0.315	0.115	-0.215	-0.494	-0.498	-0.081	0.723
1661	16.60	1.675	2.430	2.688	2.342	1.535	0.594	-0.132	-0.450	-0.414	-0.286
1671	16.70	-0.378	-0.854	-1.606	-2.280	-2.439	-1.797	-0.397	1.362	2.876	3.595
1681	16.80	3.267	2.048	0.425	-1.012	-1.834	-1.941	-1.564	-1.099	-0.882	-1.014
1691	16.90	-1.337	-1.547	-1.398	-0.855	-0.130	0.428	0.521	0.070	-0.738	-1.545
1701	17.00	-2.004	-1.953	-1.466	-0.886	-0.464	-0.392	-0.618	-0.921	-1.046	-0.862
1711	17.10	-0.445	-0.039	0.085	-0.226	-0.912	-1.728	-2.367	-2.611	-2.421	-1.936
1721	17.20	-1.361	-0.847	-0.410	0.055	0.661	1.410	2.129	2.514	2.277	1.321
1731	17.30	-0.157	-1.692	-2.719	-2.801	-1.833	-0.099	1.828	3.315	3.916	3.543
1741	17.40	2.469	1.193	0.214	-0.174	0.022	0.543	1.023	1.178	0.932	0.437
1751	17.50	-0.015	-0.142	0.189	0.896	1.716	2.318	2.442	2.012	1.165	0.196
1761	17.60	-0.562	-0.862	-0.636	-0.007	0.766	1.405	1.715	1.652	1.324	0.919
1771	17.70	0.613	0.486	0.490	0.482	0.314	-0.081	-0.637	-1.164	-1.434	-1.282
1781	17.80	-0.702	0.145	0.984	1.547	1.689	1.454	1.047	0.733	0.699	0.957
1791	17.90	1.332	1.549	1.383	0.791	-0.034	-0.726	-0.908	-0.378	0.771	2.149
1801	18.00	3.212	3.483	2.750	1.174	-0.770	-2.481	-3.466	-3.531	-2.836	-1.796
1811	18.10	-0.895	-0.470	-0.592	-1.070	-1.575	-1.811	-1.651	-1.187	-0.654	-0.308
1821	18.20	-0.298	-0.601	-1.057	-1.456	-1.665	-1.587	-1.354	-1.065	-0.816	-0.631
1831	18.30	-0.478	-0.317	-0.151	-0.044	-0.091	-0.349	-0.785	-1.257	-1.570	-1.570
1841	18.40	-1.221	-0.646	-0.072	0.266	0.248	-0.075	-0.500	-0.766	-0.691	-0.258
1851	18.50	0.367	0.913	1.133	0.926	0.389	-0.221	-0.601	-0.531	0.028	0.924
1861	18.60	1.876	2.591	2.869	2.663	2.080	1.317	0.584	0.034	-0.274	-0.368
1871	18.70	-0.338	-0.296	-0.338	-0.517	-0.827	-1.202	-1.529	-1.679	-1.549	-1.106
1881	18.80	-0.413	0.375	1.059	1.461	1.495	1.203	0.748	0.347	0.186	0.344
1891	18.90	0.760	1.261	1.635	1.717	1.460	0.942	0.333	-0.182	-0.470	-0.494
1901	19.00	-0.305	0.001	0.333	0.640	0.907	1.132	1.286	1.299	1.082	0.573
1911	19.10	-0.204	-1.114	-1.931	-2.413	-2.395	-1.869	-1.001	-0.086	0.570	0.763
1921	19.20	0.476	-0.115	-0.723	-1.064	-0.978	-0.487	0.224	0.899	1.322	1.403
1931	19.30	1.199	0.870	0.585	0.444	0.437	0.469	0.427	0.244	-0.051	-0.356
1941	19.40	-0.537	-0.505	-0.257	0.120	0.483	0.698	0.683	0.433	0.009	-0.493
1951	19.50	-0.978	-1.374	-1.640	-1.761	-1.749	-1.643	-1.511	-1.441	-1.517	-1.791
1961	19.60	-2.251	-2.816	-3.351	-3.712	-3.788	-3.537	-2.986	-2.212	-1.314	-0.383
1971	19.70	0.497	1.249	1.789	2.037	1.944	1.517	0.843	0.077	-0.605	-1.058
1981	19.80	-1.218	-1.108	-0.808	-0.408	0.039	0.512	1.002	1.466	1.806	1.896
1991	19.90	1.652	1.097	0.405	-0.152	-0.302	0.087	0.928	1.922	2.675	2.868

Table 7-26-5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 2052 S707-GR-1-9 U-D (U-D) KUJIGAWA EMB. MAX. ACC. = 27.199 (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)
2001	20.00	2.408	1.478	0.456	-0.251	-0.395	0.013	0.718	1.362	1.657	1.514
2011	20.10	1.063	0.558	0.230	0.170	0.299	0.442	0.452	0.310	0.137	0.110
2021	20.20	0.340	0.773	1.197	1.340	1.028	0.296	-0.593	-1.268	-1.424	-0.984
2031	20.30	-0.156	0.671	1.090	0.897	0.177	-0.729	-1.394	-1.508	-1.020	-0.160
2041	20.40	0.683	1.148	1.058	0.493	-0.276	-0.932	-1.239	-1.152	-0.787	-0.341
2051	20.50	0.016	0.215	0.287	0.313	0.351	0.403	0.415	0.326	0.123	-0.142
2061	20.60	-0.367	-0.451	-0.341	-0.057	0.327	0.722	1.056	1.288	1.396	1.350
2071	20.70	1.119	0.691	0.121	-0.438	-0.748	-0.571	0.226	1.561	3.122	4.435
2081	20.80	5.035	4.651	3.335	1.469	-0.370	-1.629	-1.989	-1.483	-0.468	0.536
2091	20.90	1.063	0.882	0.064	-1.083	-2.162	-2.865	-3.072	-2.867	-2.452	-2.032
2101	21.00	-1.722	-1.519	-1.342	-1.111	-0.803	-0.473	-0.223	-0.141	-0.251	-0.504
2111	21.10	-0.802	-1.050	-1.194	-1.236	-1.209	-1.145	-1.051	-0.908	-0.696	-0.427
2121	21.20	-0.159	0.021	0.039	-0.125	-0.412	-0.702	-0.863	-0.807	-0.535	-0.137
2131	21.30	0.244	0.473	0.477	0.272	-0.046	-0.338	-0.472	-0.365	-0.008	0.535
2141	21.40	1.146	1.679	2.000	2.029	1.762	1.288	0.761	0.354	0.188	0.262
2151	21.50	0.536	0.776	0.834	0.636	0.257	-0.107	-0.230	0.024	0.609	1.290
2161	21.60	1.732	1.651	0.962	-0.161	-1.349	-2.189	-2.418	-2.037	-1.317	-0.669
2171	21.70	-0.445	-0.780	-1.533	-2.362	-2.904	-2.945	-2.513	-1.846	-1.250	-0.932
2181	21.80	-0.900	-0.968	-0.883	-0.482	0.200	0.924	1.368	1.292	0.675	-0.256
2191	21.90	-1.119	-1.552	-1.383	-0.700	0.187	0.898	1.160	0.920	0.353	-0.232
2201	22.00	-0.545	-0.447	0.008	0.612	1.121	1.359	1.289	1.001	0.638	0.323
2211	22.10	0.100	-0.066	-0.243	-0.474	-0.744	-0.983	-1.105	-1.063	-0.877	-0.626
2221	22.20	-0.407	-0.286	-0.265	-0.292	-0.288	-0.204	-0.040	0.153	0.312	0.406
2231	22.30	0.461	0.543	0.717	0.988	1.272	1.417	1.271	0.767	-0.021	-0.875
2241	22.40	-1.513	-1.703	-1.375	-0.660	0.156	0.753	0.923	0.665	0.184	-0.208
2251	22.50	-0.241	0.176	0.911	1.672	2.151	2.177	1.803	1.281	0.936	1.000
2261	22.60	1.501	2.242	2.900	3.181	2.961	2.334	1.555	0.910	0.578	0.559
2271	22.70	0.706	0.826	0.803	0.659	0.532	0.579	0.859	1.278	1.614	1.632
2281	22.80	1.213	0.438	-0.423	-1.026	-1.098	-0.571	0.391	1.455	2.259	2.545
2291	22.90	2.248	1.489	0.498	-0.481	-1.274	-1.800	-2.051	-2.056	-1.850	-1.474
2301	23.00	-0.986	-0.476	-0.052	0.192	0.216	0.056	-0.194	-0.424	-0.559	-0.591
2311	23.10	-0.563	-0.530	-0.513	-0.473	-0.361	-0.063	0.338	0.753	1.013	0.972
2321	23.20	0.578	-0.090	-0.843	-1.470	-1.828	-1.906	-1.819	-1.742	-1.816	-2.074
2331	23.30	-2.426	-2.709	-2.777	-2.572	-2.156	-1.679	-1.300	-1.118	-1.130	-1.248
2341	23.40	-1.352	-1.355	-1.238	-1.050	-0.869	-0.755	-0.720	-0.728	-0.720	-0.649
2351	23.50	-0.504	-0.313	-0.123	0.015	0.067	0.018	-0.128	-0.349	-0.599	-0.813
2361	23.60	-0.914	-0.835	-0.556	-0.126	0.343	0.707	0.855	0.761	0.508	0.252
2371	23.70	0.149	0.270	0.564	0.869	1.000	0.849	0.460	0.021	-0.216	-0.064
2381	23.80	0.491	1.267	1.959	2.276	2.088	1.496	0.793	0.323	0.321	0.794
2391	23.90	1.520	2.153	2.392	2.126	1.484	0.762	0.275	0.202	0.501	0.946
2401	24.00	1.247	1.208	0.823	0.276	-0.156	-0.258	0.010	0.490	0.897	0.968
2411	24.10	0.599	-0.098	-0.837	-1.284	-1.220	-0.640	0.225	1.004	1.334	1.005
2421	24.20	0.047	-1.276	-2.569	-3.440	-3.646	-3.161	-2.181	-1.040	-0.092	0.414
2431	24.30	0.407	0.010	-0.531	-0.952	-1.076	-0.890	-0.528	-0.210	-0.117	-0.303
2441	24.40	-0.655	-0.946	-0.947	-0.555	0.131	0.833	1.213	1.032	0.280	-0.796
2451	24.50	-1.784	-2.285	-2.094	-1.300	-0.239	0.662	1.086	0.978	0.555	0.190
2461	24.60	0.207	0.705	1.497	2.199	2.427	2.001	1.051	-0.025	-0.748	-0.781
2471	24.70	-0.096	1.010	2.048	2.561	2.330	1.463	0.329	-0.618	-1.047	-0.879
2481	24.80	-0.296	0.376	0.834	0.934	0.739	0.454	0.304	0.414	0.749	1.143
2491	24.90	1.397	1.373	1.068	0.608	0.189	-0.017	0.070	0.406	0.849	1.215

Table 7-26-6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 2052 S707-GR-1-9 U-D (U-D) KUJIGAWA EMB. MAX. ACC. = 27.199 (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)
2501	25.00	1.354	1.197	0.784	0.239	-0.266	-0.580	-0.625	-0.431	-0.135	0.071
2511	25.10	0.010	-0.395	-1.078	-1.835	-2.400	-2.560	-2.253	-1.616	-0.933	-0.520
2521	25.20	-0.576	-1.087	-1.815	-2.405	-2.541	-2.099	-1.205	-0.185	0.593	0.877
2531	25.30	0.648	0.106	-0.439	-0.729	-0.686	-0.432	-0.209	-0.228	-0.549	-1.033
2541	25.40	-1.424	-1.480	-1.116	-0.455	0.230	0.653	0.865	0.332	-0.101	-0.336
2551	25.50	-0.179	0.358	1.066	1.644	1.851	1.628	1.113	0.563	0.225	0.207
2561	25.60	0.448	0.770	0.987	1.014	0.900	0.784	0.799	0.971	1.199	1.302
2571	25.70	1.132	0.663	0.027	-0.539	-0.819	-0.720	-0.328	0.142	0.457	0.494
2581	25.80	0.295	0.038	-0.075	0.055	0.356	0.610	0.576	0.135	-0.621	-1.399
2591	25.90	-1.839	-1.683	-0.923	0.176	1.177	1.660	1.412	0.525	-0.647	-1.649
2601	26.00	-2.126	-1.970	-1.355	-0.628	-0.137	-0.064	-0.349	-0.744	-0.945	-0.759
2611	26.10	-0.202	0.507	1.052	1.176	0.800	0.064	-0.742	-1.311	-1.451	-1.158
2621	26.20	-0.603	-0.036	0.336	0.441	0.357	0.254	0.300	0.564	0.982	1.391
2631	26.30	1.614	1.553	1.243	0.845	0.570	0.587	0.937	1.514	2.098	2.447
2641	26.40	2.397	1.924	1.156	0.324	-0.327	-0.624	-0.524	-0.125	0.377	0.755
2651	26.50	0.828	0.518	-0.124	-0.933	-1.680	-2.137	-2.152	-1.699	-0.900	0.013
2661	26.60	0.762	1.122	0.999	0.466	-0.259	-0.898	-1.226	-1.156	-0.774	-0.290
2671	26.70	0.062	0.141	-0.037	-0.310	-0.458	-0.324	0.086	0.594	0.922	0.830
2681	26.80	0.250	-0.654	-1.578	-2.127	-2.076	-1.440	-0.687	0.370	0.756	0.487
2691	26.90	-0.344	-1.420	-2.341	-2.789	-2.656	-2.061	-1.280	-0.606	-0.233	-0.195
2701	27.00	-0.387	-0.643	-0.822	-0.862	-0.773	-0.604	-0.393	-0.145	0.148	0.479
2711	27.10	0.797	1.019	1.071	0.937	0.688	0.470	0.436	0.669	1.132	1.667
2721	27.20	2.065	2.159	1.906	1.416	0.901	0.579	0.578	0.876	1.317	1.684
2731	27.30	1.801	1.603	1.155	0.607	0.119	-0.208	-0.364	-0.415	-0.453	-0.544
2741	27.40	-0.705	-0.913	-1.131	-1.340	-1.544	-1.754	-1.962	-2.120	-2.158	-2.014
2751	27.50	-1.679	-1.216	-0.748	-0.402	-0.250	-0.266	-0.330	-0.288	-0.027	0.459
2761	27.60	1.052	1.566	1.826	1.757	1.428	1.019	0.739	0.720	0.953	1.286
2771	27.70	1.496	1.403	0.966	0.308	-0.322	-0.671	-0.592	-0.120	0.541	1.099
2781	27.80	1.306	1.061	0.449	-0.302	-0.920	-1.207	-1.108	-0.722	-0.235	0.168
2791	27.90	0.382	0.408	0.328	0.241	0.207	0.216	0.206	0.119	-0.060	-0.273
2801	28.00	-0.417	-0.396	-0.185	0.147	0.452	0.558	0.352	-0.172	-0.902	-1.649
2811	28.10	-2.225	-2.510	-2.493	-2.259	-1.940	-1.649	-1.432	-1.266	-1.084	-0.836
2821	28.20	-0.522	-0.209	0.003	0.039	-0.108	-0.350	-0.538	-0.517	-0.200	0.391
2831	28.30	1.121	1.800	2.251	2.383	2.217	1.867	1.483	1.180	1.000	0.905
2841	28.40	0.821	0.693	0.524	0.378	0.339	0.462	0.720	1.008	1.181	1.127
2851	28.50	0.821	0.355	-0.104	-0.380	-0.375	-0.110	0.286	0.637	0.806	0.753
2861	28.60	0.549	0.325	0.199	0.204	0.273	0.278	0.103	-0.278	-0.772	-1.199
2871	28.70	-1.370	-1.182	-0.671	-0.002	0.599	0.950	0.986	0.782	0.510	0.348
2881	28.80	0.390	0.607	0.860	0.979	0.847	0.466	-0.038	-0.468	-0.639	-0.460
2891	28.90	0.028	0.670	1.259	1.612	1.637	1.353	0.874	0.351	-0.082	-0.350
2901	29.00	-0.455	-0.460	-0.450	-0.503	-0.656	-0.902	-1.201	-1.503	-1.771	-1.997
2911	29.10	-2.195	-2.383	-2.565	-2.707	-2.748	-2.618	-2.280	-1.763	-1.171	-0.663
2921	29.20	-0.396	-0.461	-0.836	-1.376	-1.857	-2.063	-1.868	-1.294	-0.509	0.237
2931	29.30	0.710	0.779	0.473	-0.040	-0.525	-0.769	-0.665	-0.240	0.369	0.988
2941	29.40	1.471	1.755	1.861	1.861	1.827	1.790	1.728	1.589	1.329	0.946
2951	29.50	0.496	0.076	-0.211	-0.300	-0.189	0.059	0.342	0.549	0.604	0.478
2961	29.60	0.202	-0.156	-0.510	-0.790	-0.952	-0.994	-0.952	-0.879	-0.828	-0.835
2971	29.70	-0.898	-0.982	-1.027	-0.972	-0.779	-0.447	-0.021	0.428	0.819	1.092
2981	29.80	1.220	1.213	1.109	0.956	0.795	0.656	0.558	0.515	0.535	0.623
2991	29.90	0.770	0.943	1.092	1.161	1.112	0.946	0.710	0.488	0.368	0.406

Table 7-26-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 2052 S707-GR-1-9 U-D (U-D) KUJIGAWA EMB. MAX. ACC. = 27.199 (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)
3001	30.00	0.598	0.875	1.127	1.246	1.170	0.908	0.542	0.189	-0.044	-0.100
3011	30.10	0.006	0.201	0.385	0.477	0.445	0.307	0.122	-0.046	-0.155	-0.196
3021	30.20	-0.190	-0.165	-0.139	-0.109	-0.060	0.023	0.133	0.244	0.315	0.315
3031	30.30	0.241	0.128	0.034	0.012	0.082	0.219	0.356	0.413	0.369	0.173
3041	30.40	-0.051	-0.234	-0.311	-0.273	-0.186	-0.157	-0.279	-0.577	-0.977	-1.322
3051	30.50	-1.440	-1.225	-0.696	-0.011	0.591	0.883	0.749	0.240	-0.441	-1.025
3061	30.60	-1.295	-1.173	-0.758	-0.272	0.046	0.053	-0.233	-0.646	-0.951	-0.965
3071	30.70	-0.643	-0.104	0.428	0.726	0.668	0.291	-0.229	-0.664	-0.830	-0.670
3081	30.80	-0.261	0.230	0.631	0.833	0.822	0.660	0.431	0.195	-0.032	-0.260
3091	30.90	-0.494	-0.706	-0.836	-0.831	-0.684	-0.465	-0.300	-0.315	-0.568	-1.005
3101	31.00	-1.466	-1.755	-1.732	-1.387	-0.859	-0.381	-0.181	-0.372	-0.901	-1.568
3111	31.10	-2.112	-2.326	-2.139	-1.639	-1.022	-0.496	-0.190	-0.108	-0.148	-0.165
3121	31.20	-0.047	0.229	0.597	0.947	1.181	1.266	1.241	1.195	1.214	1.337
3131	31.30	1.535	1.723	1.799	1.683	1.355	0.864	0.318	-0.149	-0.409	-0.388
3141	31.40	-0.084	0.416	0.954	1.339	1.407	1.084	0.418	-0.418	-1.182	-1.643
3151	31.50	-1.671	-1.291	-0.674	-0.068	0.297	0.310	0.018	-0.408	-0.747	-0.842
3161	31.60	-0.658	-0.301	0.052	0.243	0.214	0.041	-0.110	-0.068	0.256	0.812
3171	31.70	1.432	1.906	2.075	1.909	1.513	1.077	0.784	0.728	0.870	1.069
3181	31.80	1.155	1.016	0.656	0.193	-0.193	-0.349	-0.222	0.116	0.496	0.730
3191	31.90	0.693	0.381	-0.090	-0.534	-0.777	-0.734	-0.445	-0.050	0.273	0.390
3201	32.00	0.274	0.013	-0.230	-0.301	-0.125	0.249	0.665	0.934	0.917	0.601
3211	32.10	0.105	-0.361	-0.595	-0.499	-0.122	0.351	0.684	0.698	0.357	-0.215
3221	32.20	-0.787	-1.128	-1.120	-0.808	-0.383	-0.086	-0.093	-0.418	-0.905	-1.295
3231	32.30	-1.346	-0.953	-0.204	0.645	1.274	1.439	1.069	0.298	-0.589	-1.278
3241	32.40	-1.546	-1.343	-0.796	-0.146	0.355	0.544	0.394	0.009	-0.436	-0.773
3251	32.50	-0.903	-0.826	-0.619	-0.396	-0.244	-0.193	-0.203	-0.187	-0.058	0.223
3261	32.60	0.621	1.030	1.307	1.330	1.060	0.567	0.020	-0.369	-0.428	-0.101
3271	32.70	0.517	1.204	1.687	1.754	1.339	0.562	-0.317	-0.996	-1.253	-1.033
3281	32.80	-0.471	0.170	0.611	0.670	0.335	-0.243	-0.822	-1.180	-1.205	-0.940
3291	32.90	-0.546	-0.227	-0.135	-0.304	-0.649	-1.007	-1.222	-1.207	-0.984	-0.663
3301	33.00	-0.384	-0.253	-0.289	-0.421	-0.519	-0.458	-0.175	0.295	0.829	1.262
3311	33.10	1.448	1.322	0.926	0.395	-0.089	-0.368	-0.364	-0.109	0.272	0.610
3321	33.20	0.758	0.652	0.331	-0.078	-0.414	-0.545	-0.421	-0.094	0.305	0.620
3331	33.30	0.731	0.599	0.282	-0.097	-0.394	-0.508	-0.415	-0.178	0.084	0.242
3341	33.40	0.213	-0.009	-0.349	-0.684	-0.888	-0.887	-0.681	-0.347	-0.006	0.229
3351	33.50	0.291	0.185	-0.023	-0.241	-0.388	-0.430	-0.379	-0.277	-0.165	-0.053
3361	33.60	0.079	0.263	0.509	0.782	1.000	1.060	0.883	0.462	-0.130	-0.756
3371	33.70	-1.266	-1.553	-1.590	-1.433	-1.187	-0.963	-0.833	-0.815	-0.884	-0.997
3381	33.80	-1.113	-1.203	-1.239	-1.189	-1.013	-0.690	-0.245	0.229	0.585	0.672
3391	33.90	0.402	-0.186	-0.920	-1.540	-1.799	-1.567	-0.896	-0.009	0.783	1.208
3401	34.00	1.141	0.650	-0.038	-0.640	-0.934	-0.839	-0.427	0.127	0.639	0.992
3411	34.10	1.168	1.228	1.256	1.305	1.369	1.398	1.341	1.167	0.985	0.828
3421	34.20	0.813	0.996	1.362	1.833	2.293	2.631	2.780	2.724	2.501	2.180
3431	34.30	1.840	1.546	1.340	1.235	1.216	1.253	1.310	1.356	1.379	1.383
3441	34.40	1.377	1.362	1.321	1.217	1.015	0.704	0.320	-0.059	-0.337	-0.443
3451	34.50	-0.372	-0.191	-0.023	0.017	-0.132	-0.440	-0.804	-1.100	-1.250	-1.265
3461	34.60	-1.235	-1.277	-1.464	-1.771	-2.078	-2.226	-2.105	-1.723	-1.216	-0.796
3471	34.70	-0.647	-0.838	-1.285	-1.791	-2.141	-2.208	-2.008	-1.680	-1.410	-1.323
3481	34.80	-1.423	-1.594	-1.677	-1.561	-1.256	-0.884	-0.607	-0.527	-0.617	-0.722
3491	34.90	-0.639	-0.243	0.431	1.170	1.673	1.691	1.160	0.255	-0.674	-1.242

Table 7-26-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 2052 S707-GR-1-9 U-D (U-D) KUJIGAWA EMB. MAX. ACC. = 27.199 (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)
3501	35.00	-1.199	-0.541	0.489	1.507	2.155	2.243	1.810	1.085	0.370	-0.101
3511	35.10	-0.240	-0.115	0.118	0.314	0.408	0.436	0.485	0.630	0.876	1.144
3521	35.20	1.316	1.289	1.036	0.613	0.131	-0.295	-0.599	-0.781	-0.886	-0.962
3531	35.30	-1.028	-1.053	-0.988	-0.797	-0.493	-0.145	0.148	0.303	0.287	0.137
3541	35.40	-0.070	-0.257	-0.384	-0.467	-0.556	-0.695	-0.884	-1.062	-1.134	-1.018
3551	35.50	-0.692	-0.224	0.255	0.597	0.704	0.574	0.297	0.021	-0.120	-0.061
3561	35.60	0.169	0.464	0.697	0.776	0.686	0.487	0.280	0.157	0.155	0.246
3571	35.70	0.352	0.385	0.293	0.079	-0.196	-0.444	-0.586	-0.581	-0.440	-0.215
3581	35.80	0.022	0.208	0.309	0.328	0.294	0.251	0.232	0.251	0.293	0.327
3591	35.90	0.319	0.250	0.135	0.018	-0.042	0.010	0.192	0.472	0.773	1.000
3601	36.00	1.074	0.969	0.727	0.439	0.213	0.124	0.181	0.327	0.461	0.494
3611	36.10	0.387	0.175	-0.053	-0.193	-0.179	-0.015	0.223	0.427	0.502	0.412
3621	36.20	0.192	-0.073	-0.290	-0.408	-0.433	-0.417	-0.424	-0.482	-0.563	-0.591
3631	36.30	-0.490	-0.222	0.169	0.570	0.833	0.847	0.586	0.133	-0.352	-0.691
3641	36.40	-0.762	-0.553	-0.164	0.236	0.478	0.460	0.190	-0.229	-0.642	-0.908
3651	36.50	-0.943	-0.761	-0.435	-0.070	0.246	0.464	0.578	0.603	0.557	0.442
3661	36.60	0.256	0.011	-0.254	-0.470	-0.559	-0.468	-0.209	0.137	0.435	0.548
3671	36.70	0.393	-0.018	-0.575	-1.105	-1.433	-1.448	-1.145	-0.619	-0.031	0.453
3681	36.80	0.718	0.729	0.530	0.215	-0.113	-0.376	-0.532	-0.578	-0.537	-0.437
3691	36.90	-0.306	-0.170	-0.048	0.041	0.086	0.081	0.031	-0.055	-0.167	-0.296
3701	37.00	-0.433	-0.566	-0.666	-0.696	-0.616	-0.411	-0.106	0.225	0.475	0.541
3711	37.10	0.369	-0.016	-0.503	-0.933	-1.158	-1.097	-0.774	-0.308	0.136	0.411
3721	37.20	0.453	0.293	0.040	-0.175	-0.258	-0.187	-0.011	0.188	0.342	0.429
3731	37.30	0.480	0.546	0.661	0.811	0.939	0.971	0.864	0.640	0.387	0.222
3741	37.40	0.238	0.458	0.813	1.171	1.395	1.404	1.209	0.908	0.641	0.522
3751	37.50	0.589	0.792	1.012	1.127	1.064	0.833	0.519	0.261	0.092	0.099
3761	37.60	0.214	0.335	0.356	0.217	-0.066	-0.413	-0.703	-0.832	-0.750	-0.484
3771	37.70	-0.129	0.188	0.354	0.309	0.067	-0.284	-0.624	-0.836	-0.859	-0.707
3781	37.80	-0.465	-0.263	-0.217	-0.387	-0.744	-1.179	-1.542	-1.697	-1.579	-1.219
3791	37.90	-0.733	-0.280	-0.000	0.033	-0.167	-0.517	-0.899	-1.213	-1.401	-1.458
3801	38.00	-1.411	-1.293	-1.127	-0.918	-0.670	-0.400	-0.147	0.031	0.083	-0.015
3811	38.10	-0.244	-0.546	-0.839	-1.053	-1.138	-1.083	-0.904	-0.634	-0.318	-0.003
3821	38.20	0.258	0.411	0.412	0.248	-0.045	-0.380	-0.633	-0.690	-0.486	-0.044
3831	38.30	0.530	1.075	1.438	1.526	1.339	0.967	0.548	0.219	0.070	0.124
3841	38.40	0.349	0.685	1.066	1.438	1.754	1.970	2.042	1.940	1.664	1.268
3851	38.50	0.851	0.531	0.408	0.515	0.805	1.170	1.477	1.626	1.585	1.391
3861	38.60	1.123	0.858	0.640	0.475	0.345	0.243	0.195	0.250	0.449	0.780
3871	38.70	1.164	1.463	1.535	1.302	0.795	0.157	-0.415	-0.748	-0.775	-0.564
3881	38.80	-0.288	-0.140	-0.242	-0.583	-1.021	-1.354	-1.416	-1.159	-0.685	-0.193
3891	38.90	0.107	0.092	-0.217	-0.673	-1.075	-1.266	-1.199	-0.955	-0.687	-0.542
3901	39.00	-0.579	-0.747	-0.919	-0.961	-0.817	-0.538	-0.263	-0.149	-0.284	-0.641
3911	39.10	-1.079	-1.408	-1.479	-1.252	-0.818	-0.355	-0.045	0.004	-0.196	-0.524
3921	39.20	-0.819	-0.949	-0.869	-0.633	-0.353	-0.149	-0.086	-0.164	-0.323	-0.482
3931	39.30	-0.576	-0.573	-0.473	-0.286	-0.027	0.288	0.630	0.941	1.139	1.146
3941	39.40	0.920	0.495	-0.020	-0.467	-0.698	-0.633	-0.291	0.213	0.724	1.104
3951	39.50	1.283	1.271	1.134	0.945	0.750	0.554	0.338	0.101	-0.122	-0.263
3961	39.60	-0.251	-0.059	0.268	0.618	0.860	0.904	0.747	0.478	0.236	0.141
3971	39.70	0.231	0.444	0.648	0.706	0.551	0.224	-0.147	-0.404	-0.436	-0.233
3981	39.80	0.110	0.443	0.623	0.585	0.356	0.039	-0.245	-0.412	-0.443	-0.381
3991	39.90	-0.289	-0.219	-0.179	-0.147	-0.094	-0.011	0.070	0.095	0.016	-0.179

Table 7-26-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 2052 S707-GR-1-9 U-D (U-D) KUJIGAWA EMB. MAX. ACC. = 27.199 (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)
4001	40.00	-0.443	-0.695	-0.846	-0.845	-0.703	-0.493	-0.318	-0.266	-0.376	-0.618
4011	40.10	-0.910	-1.153	-1.262	-1.203	-0.990	-0.679	-0.340	-0.036	0.192	0.326
4021	40.20	0.362	0.304	0.160	-0.052	-0.298	-0.528	-0.675	-0.679	-0.504	-0.161
4031	40.30	0.284	0.725	1.043	1.146	1.001	0.651	0.203	-0.212	-0.479	-0.543
4041	40.40	-0.423	-0.196	0.037	0.200	0.269	0.275	0.284	0.354	0.500	0.688
4051	40.50	0.842	0.888	0.788	0.563	0.281	0.030	-0.127	-0.177	-0.157	-0.129
4061	40.60	-0.141	-0.198	-0.256	-0.250	-0.129	0.102	0.376	0.586	0.631	0.468
4071	40.70	0.138	-0.240	-0.514	-0.562	-0.344	0.080	0.567	0.947	1.090	0.952
4081	40.80	0.593	0.155	-0.197	-0.336	-0.215	0.113	0.519	0.847	0.973	0.848
4091	40.90	0.513	0.083	-0.305	-0.542	-0.587	-0.482	-0.324	-0.219	-0.234	-0.365
4101	41.00	-0.539	-0.653	-0.625	-0.433	-0.134	0.167	0.364	0.404	0.312	0.180
4111	41.10	0.119	0.195	0.395	0.627	0.760	0.690	0.402	-0.022	-0.429	-0.663
4121	41.20	-0.640	-0.385	-0.021	0.284	0.395	0.268	-0.035	-0.384	-0.638	-0.712
4131	41.30	-0.610	-0.406	-0.204	-0.080	-0.053	-0.080	-0.092	-0.037	0.093	0.255
4141	41.40	0.382	0.418	0.345	0.190	0.009	-0.148	-0.258	-0.329	-0.388	-0.458
4151	41.50	-0.536	-0.595	-0.597	-0.521	-0.373	-0.197	-0.047	0.032	0.029	-0.026
4161	41.60	-0.081	-0.085	-0.013	0.119	0.265	0.372	0.401	0.350	0.250	0.150
4171	41.70	0.096	0.108	0.169	0.237	0.260	0.199	0.047	-0.163	-0.370	-0.502
4181	41.80	-0.507	-0.375	-0.145	0.099	0.260	0.264	0.093	-0.202	-0.516	-0.728
4191	41.90	-0.756	-0.595	-0.323	-0.079	0.004	-0.147	-0.501	-0.926	-1.245	-1.303
4201	42.00	-1.040	-0.518	0.101	0.622	0.892	0.862	0.597	0.241	-0.053	-0.188
4211	42.10	-0.158	-0.031	0.095	0.148	0.120	0.063	0.050	0.129	0.280	0.422
4221	42.20	0.447	0.282	-0.063	-0.484	-0.815	-0.899	-0.652	-0.115	0.558	1.150
4231	42.30	1.469	1.413	1.018	0.431	-0.141	-0.517	-0.604	-0.421	-0.080	0.271
4241	42.40	0.512	0.597	0.556	0.468	0.415	0.440	0.524	0.613	0.643	0.590
4251	42.50	0.483	0.393	0.396	0.531	0.768	1.012	1.142	1.064	0.758	0.295
4261	42.60	-0.185	-0.527	-0.624	-0.459	-0.116	0.261	0.518	0.557	0.361	0.001
4271	42.70	-0.406	-0.741	-0.926	-0.940	-0.816	-0.613	-0.388	-0.177	0.001	0.142
4281	42.80	0.237	0.270	0.220	0.080	-0.132	-0.368	-0.561	-0.646	-0.583	-0.378
4291	42.90	-0.086	0.212	0.429	0.505	0.432	0.249	0.031	-0.140	-0.213	-0.178
4301	43.00	-0.076	0.020	0.042	-0.046	-0.228	-0.442	-0.604	-0.648	-0.556	-0.375
4311	43.10	-0.200	-0.133	-0.242	-0.520	-0.888	-1.212	-1.365	-1.271	-0.942	-0.473
4321	43.20	-0.008	0.318	0.428	0.332	0.109	-0.123	-0.264	-0.266	-0.150	0.016
4331	43.30	0.152	0.207	0.178	0.110	0.066	0.092	0.194	0.328	0.422	0.408
4341	43.40	0.257	0.001	-0.280	-0.482	-0.522	-0.376	-0.087	0.242	0.496	0.586
4351	43.50	0.494	0.275	0.040	-0.093	-0.052	0.166	0.482	0.776	0.933	0.691
4361	43.60	0.668	0.350	0.055	-0.117	-0.123	0.012	0.209	0.373	0.435	0.370
4371	43.70	0.200	-0.025	-0.251	-0.440	-0.568	-0.622	-0.585	-0.439	-0.173	0.196
4381	43.80	0.616	0.999	1.247	1.290	1.115	0.776	0.378	0.037	-0.162	-0.198
4391	43.90	-0.111	0.022	0.128	0.169	0.154	0.123	0.115	0.140	0.166	0.140
4401	44.00	0.014	-0.217	-0.505	-0.761	-0.887	-0.821	-0.566	-0.193	0.188	0.465
4411	44.10	0.570	0.493	0.284	0.026	-0.204	-0.354	-0.412	-0.394	-0.329	-0.238
4421	44.20	-0.132	-0.009	0.125	0.255	0.353	0.386	0.333	0.196	0.005	-0.195
4431	44.30	-0.362	-0.474	-0.537	-0.583	-0.648	-0.754	-0.894	-1.032	-1.119	-1.121
4441	44.40	-1.033	-0.891	-0.759	-0.695	-0.730	-0.843	-0.967	-1.017	-0.924	-0.669
4451	44.50	-0.297	0.098	0.409	0.555	0.513	0.326	0.080	-0.124	-0.216	-0.175
4461	44.60	-0.031	0.153	0.307	0.382	0.362	0.262	0.120	-0.023	-0.129	-0.175
4471	44.70	-0.152	-0.064	0.069	0.216	0.342	0.416	0.422	0.368	0.288	0.224
4481	44.80	0.217	0.284	0.416	0.583	0.745	0.875	0.969	1.037	1.091	1.130
4491	44.90	1.129	1.052	0.871	0.591	0.264	-0.030	-0.204	-0.210	-0.060	0.169

Table 7-26-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2052 S707-GR-1-9 U-D (U-D) KUJIGAWA EMB. MAX. ACC. = 27.199 (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)
4501	45.00	0.368	0.438	0.336	0.098	-0.183	-0.388	-0.430	-0.290	-0.022	0.268
4511	45.10	0.467	0.499	0.352	0.074	-0.249	-0.523	-0.682	-0.699	-0.584	-0.378
4521	45.20	-0.134	0.091	0.247	0.296	0.225	0.045	-0.197	-0.437	-0.604	-0.650
4531	45.30	-0.564	-0.383	-0.173	-0.007	0.063	0.029	-0.081	-0.213	-0.315	-0.361
4541	45.40	-0.354	-0.319	-0.285	-0.266	-0.258	-0.244	-0.213	-0.167	-0.126	-0.118
4551	45.50	-0.157	-0.235	-0.315	-0.352	-0.308	-0.179	0.001	0.175	0.283	0.290
4561	45.60	0.205	0.074	-0.036	-0.068	0.004	0.162	0.353	0.509	0.570	0.505
4571	45.70	0.318	0.045	-0.253	-0.510	-0.664	-0.675	-0.533	-0.264	0.072	0.395
4581	45.80	0.619	0.685	0.575	0.323	0.007	-0.278	-0.445	-0.450	-0.296	-0.033
4591	45.90	0.270	0.545	0.748	0.867	0.913	0.907	0.864	0.794	0.701	0.592
4601	46.00	0.486	0.409	0.388	0.434	0.537	0.668	0.790	0.875	0.917	0.937
4611	46.10	0.965	1.024	1.116	1.210	1.256	1.205	1.033	0.753	0.422	0.113
4621	46.20	-0.106	-0.200	-0.177	-0.084	0.016	0.067	0.043	-0.049	-0.179	-0.309
4631	46.30	-0.416	-0.496	-0.562	-0.630	-0.703	-0.759	-0.763	-0.684	-0.514	-0.286
4641	46.40	-0.071	0.045	-0.009	-0.249	-0.626	-1.028	-1.322	-1.397	-1.210	-0.810
4651	46.50	-0.322	0.095	0.305	0.247	-0.041	-0.441	-0.796	-0.975	-0.917	-0.656
4661	46.60	-0.298	0.020	0.185	0.149	-0.063	-0.368	-0.666	-0.875	-0.962	-0.939
4671	46.70	-0.850	-0.742	-0.648	-0.577	-0.522	-0.474	-0.431	-0.406	-0.414	-0.462
4681	46.80	-0.543	-0.637	-0.716	-0.761	-0.766	-0.743	-0.711	-0.684	-0.661	-0.629
4691	46.90	-0.571	-0.477	-0.353	-0.224	-0.120	-0.065	-0.060	-0.089	-0.120	-0.125
4701	47.00	-0.091	-0.029	0.035	0.072	0.067	0.028	-0.019	-0.040	-0.010	0.073
4711	47.10	0.191	0.311	0.401	0.448	0.457	0.449	0.453	0.484	0.541	0.605
4721	47.20	0.647	0.643	0.584	0.484	0.374	0.289	0.257	0.284	0.354	0.430
4731	47.30	0.466	0.430	0.311	0.133	-0.057	-0.196	-0.233	-0.144	0.053	0.305
4741	47.40	0.540	0.691	0.722	0.640	0.487	0.326	0.213	0.173	0.198	0.254
4751	47.50	0.299	0.308	0.280	0.238	0.211	0.212	0.230	0.230	0.174	0.043
4761	47.60	-0.143	-0.326	-0.426	-0.381	-0.170	0.170	0.547	0.849	0.984	0.910
4771	47.70	0.655	0.300	-0.047	-0.293	-0.384	-0.324	-0.160	0.037	0.202	0.293
4781	47.80	0.302	0.248	0.165							

Table 7-27-1 TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 2053 S707-GR-1-9 HB. (HB.) KUJIGAWA EMB. MAX. ACC. = -64.615 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.311	-0.181	-0.405	-0.343	-0.086	0.188	0.263	-0.041	-0.781	-1.833
11	0.10	-2.882	-3.508	-3.337	-2.211	-0.311	1.865	3.552	4.168	3.373	1.334
21	0.20	-1.325	-3.722	-5.033	-4.790	-3.038	-0.307	2.604	4.910	6.090	6.005
31	0.30	4.857	3.041	0.973	-1.030	-2.779	-4.161	-5.076	-5.404	-5.042	-3.984
41	0.40	-2.395	-0.619	0.896	1.741	1.701	0.839	-0.535	-2.000	-3.226	-4.138
51	0.50	-4.972	-6.169	-8.140	-10.998	-14.359	-17.325	-18.693	-17.328	-12.598	-4.699
61	0.60	5.253	15.411	23.635	28.043	27.509	21.971	12.482	1.004	-9.975	-17.920
71	0.70	-20.738	-17.215	-7.360	7.406	24.313	39.626	49.362	50.271	40.835	21.985
81	0.80	-2.764	-27.939	-47.392	-55.963	-50.996	-33.247	-6.847	21.709	45.257	57.859
91	0.90	56.338	41.043	15.665	-13.793	-40.560	-58.735	-64.615	-57.414	-39.276	-14.619
101	1.00	10.976	32.050	44.435	46.039	37.122	20.047	-1.355	-22.633	-39.557	-48.821
111	1.10	-48.543	-38.550	-20.462	2.471	25.819	44.755	55.098	54.397	42.732	22.882
121	1.20	-0.301	-21.213	-35.115	-39.477	-34.550	-22.956	-8.484	5.373	16.524	24.585
131	1.30	30.334	34.692	37.797	38.686	35.760	27.770	14.782	-1.417	-17.747	-30.921
141	1.40	-38.677	-40.557	-37.858	-32.805	-27.381	-22.409	-17.366	-10.970	-2.233	8.604
151	1.50	19.768	28.451	31.900	28.594	18.969	5.393	-8.589	-19.369	-24.329	-22.482
161	1.60	-14.586	-2.829	9.724	19.756	24.353	21.659	11.487	-4.309	-21.928	-36.399
171	1.70	-42.980	-38.802	-24.163	-2.831	18.930	34.417	38.910	31.495	15.501	-2.718
181	1.80	-16.214	-20.137	-13.582	0.143	14.950	24.457	24.514	14.744	-1.469	-18.447
191	1.90	-30.466	-33.850	-28.129	-15.900	-1.603	10.226	16.491	16.360	11.189	3.713
201	2.00	-3.076	-6.946	-7.001	-3.729	1.393	6.533	10.134	11.344	10.159	7.275
211	2.10	3.743	0.555	-1.673	-2.836	-3.267	-3.386	-3.609	-3.957	-4.156	-3.800
221	2.20	-2.630	-0.757	1.282	2.691	2.742	1.123	-1.843	-5.217	-7.700	-8.065
231	2.30	-5.592	-0.388	6.544	13.508	18.555	20.064	17.285	10.697	2.017	-6.207
241	2.40	-11.338	-11.560	-6.612	1.933	11.037	17.174	17.590	11.410	0.110	-12.874
251	2.50	-23.311	-27.696	-24.536	-14.884	-1.917	10.279	18.198	20.087	16.364	9.170
261	2.60	1.334	-4.762	-7.950	-8.404	-7.197	-5.583	-4.402	-3.846	-3.630	-3.382
271	2.70	-2.985	-2.665	-2.799	-3.595	-4.850	-5.963	-6.202	-5.095	-2.712	0.304
281	2.80	2.997	4.511	4.450	3.018	0.877	-1.179	-2.552	-3.014	-2.664	-1.738
291	2.90	-0.414	1.248	3.203	5.222	6.780	7.142	5.676	2.276	-2.350	-6.716
301	3.00	-9.011	-7.836	-2.934	4.443	11.764	16.069	15.020	8.128	-3.003	-14.962
311	3.10	-23.681	-25.916	-20.488	-8.794	5.660	18.511	26.099	26.704	20.981	11.470
321	3.20	1.450	-6.339	-10.538	-11.285	-9.644	-6.749	-3.152	1.283	6.911	13.584
331	3.30	20.157	24.589	24.695	19.223	8.710	-4.374	-16.365	-23.762	-24.612	-19.293
341	3.40	-10.311	-1.211	4.902	6.557	4.305	0.166	-3.518	-5.241	-4.941	-3.811
351	3.50	-3.475	-5.014	-8.342	-12.241	-14.987	-15.201	-12.489	-7.563	-1.841	3.212
361	3.60	6.629	8.146	8.023	6.683	4.452	1.539	-1.747	-4.779	-6.608	-6.272
371	3.70	-3.310	1.823	7.707	12.409	14.264	12.628	8.223	2.861	-1.346	-2.936
381	3.80	-1.729	1.146	3.870	4.867	3.610	0.903	-1.504	-1.778	1.077	6.650
391	3.90	13.185	18.220	19.531	15.989	7.995	-2.637	-13.268	-21.250	-24.686	-22.912
401	4.00	-16.608	-7.541	1.943	9.548	13.600	13.449	9.574	3.381	-3.254	-8.559
411	4.10	-11.368	-11.376	-9.081	-5.463	-1.553	1.908	4.600	6.519	7.749	8.266
421	4.20	7.907	6.514	4.168	1.348	-1.114	-2.293	-1.555	1.118	5.027	8.941
431	4.30	11.507	11.712	9.234	4.530	-1.317	-6.948	-11.106	-12.957	-12.253	-9.358
441	4.40	-5.126	-0.696	2.775	4.401	3.807	1.250	-2.430	-6.065	-8.527	-9.116
451	4.50	-7.792	-5.169	-2.261	-0.083	0.737	0.163	-1.293	-2.817	-3.643	-3.342
461	4.60	-1.945	0.105	2.142	3.498	3.690	2.527	0.135	-3.074	-6.482	-9.389
471	4.70	-11.177	-11.472	-10.262	-7.906	-5.005	-2.178	0.168	1.962	3.419	4.837
481	4.80	6.346	7.748	8.556	8.223	6.447	3.402	-0.255	-3.598	-5.782	-6.341
491	4.90	-5.303	-3.074	-0.197	2.869	5.808	8.342	10.063	10.380	8.698	4.782

Table 7-27-2 TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 2053 S707-GR-1-9 HB. (HB.) KUJIGAWA EMB. MAX. ACC. = -64.615 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.867	-6.889	-11.353	-12.439	-9.240	-2.322	6.276	13.677	17.232	15.560
511	5.10	9.131	0.125	-8.385	-13.563	-13.785	-9.087	-0.958	8.340	16.589	22.205
521	5.20	24.445	23.267	19.055	12.424	4.205	-4.473	-12.161	-17.295	-18.628	-15.733
531	5.30	-9.325	-1.181	6.373	11.243	12.296	9.727	4.916	-0.169	-3.739	-4.815
541	5.40	-3.466	-0.609	2.480	4.701	5.478	4.813	3.087	0.771	-1.809	-4.521
551	5.50	-7.329	-10.120	-12.586	-14.238	-14.549	-13.176	-10.155	-5.975	-1.509	2.192
561	5.60	4.182	3.885	1.279	-3.081	-8.196	-12.877	-16.065	-17.099	-15.853	-12.710
571	5.70	-8.383	-3.671	0.749	4.426	7.118	8.703	9.113	8.353	6.607	4.355
581	5.80	2.394	1.686	3.038	6.727	12.243	18.299	23.152	25.147	23.277	17.550
591	5.90	9.007	-0.594	-9.304	-15.508	-18.284	-17.506	-13.738	-8.008	-1.580	4.241
601	6.00	8.288	9.709	8.181	4.068	-1.551	-7.082	-10.834	-11.544	-8.821	-3.309
611	6.10	3.497	9.744	13.815	14.798	12.668	8.153	2.388	-3.446	-8.365	-11.657
621	6.20	-12.836	-11.624	-8.014	-2.417	4.222	10.475	14.723	15.636	12.665	6.326
631	6.30	-1.885	-9.938	-15.915	-18.609	-17.830	-14.332	-9.419	-4.445	-0.410	2.195
641	6.40	3.299	3.041	1.590	-0.897	-4.170	-7.754	-10.894	-12.686	-12.354	-9.570
651	6.50	-4.662	1.396	7.234	11.486	13.185	12.026	8.407	3.273	-2.177	-6.791
661	6.60	-9.720	-10.553	-9.358	-6.620	-3.115	0.276	2.772	3.892	3.594	2.289
671	6.70	0.721	-0.272	-0.042	1.633	4.468	7.765	10.656	12.420	12.734	11.773
681	6.80	10.114	8.482	7.447	7.175	7.354	7.330	6.388	4.092	0.530	-3.651
691	6.90	-7.425	-9.758	-9.992	-8.111	-4.754	-0.970	2.185	4.046	4.553	4.186
701	7.00	3.666	3.565	4.022	4.699	5.013	4.504	3.159	1.492	0.328	0.367
711	7.10	1.766	3.939	5.719	5.040	3.520	-1.118	-6.994	-12.441	-15.835	-16.218
721	7.20	-13.646	-9.115	-4.124	-0.078	2.198	2.653	1.848	0.582	-0.512	-1.200
731	7.30	-1.635	-2.155	-3.016	-4.220	-5.502	-6.480	-6.836	-6.465	-5.494	-4.207
741	7.40	-2.918	-1.882	-1.264	-1.157	-1.604	-2.574	-3.899	-5.227	-6.033	-5.759
751	7.50	-4.023	-0.831	3.324	7.546	10.807	12.295	11.708	9.366	6.077	2.835
761	7.60	0.456	-0.675	-0.667	0.026	0.859	1.442	1.657	1.615	1.500	1.410
771	7.70	1.281	0.947	0.302	-0.568	-1.233	-1.218	-0.039	2.432	5.826	9.320
781	7.80	11.877	12.626	11.210	7.969	3.852	0.095	-2.229	-2.604	-1.253	0.965
791	7.90	2.907	3.603	2.634	0.281	-2.615	-5.029	-6.192	-5.929	-4.739	-3.595
801	8.00	-3.525	-5.157	-8.408	-12.443	-15.946	-17.584	-16.504	-12.678	-6.946	-0.764
811	8.10	4.275	6.957	6.822	4.277	0.416	-3.374	-5.872	-6.378	-4.873	-1.931
821	8.20	1.530	4.579	6.534	7.111	6.415	4.624	2.831	0.910	-0.578	-1.419
831	8.30	-1.554	-1.081	-0.242	0.599	1.024	0.673	-0.629	-2.760	-5.279	-7.498
841	8.40	-8.667	-8.201	-5.878	-1.941	2.943	7.852	11.852	14.235	14.691	13.357
851	8.50	10.761	7.672	4.917	3.191	2.912	4.130	6.509	9.393	11.946	13.342
861	8.60	12.972	10.606	6.468	1.189	-4.352	-9.241	-12.746	-14.460	-14.338	-12.642
871	8.70	-9.815	-6.363	-2.761	0.581	3.328	5.213	6.059	5.824	4.639	2.819
881	8.80	0.815	-0.894	-1.935	-2.147	-1.626	-0.679	0.291	0.929	1.039	0.625
891	8.90	-0.134	-0.979	-1.665	-2.032	-2.032	-1.703	-1.133	-0.427	0.309	0.961
901	9.00	1.405	1.517	1.213	0.484	-0.574	-1.777	-2.908	-3.794	-4.370	-4.687
911	9.10	-4.866	-5.001	-5.080	-4.946	-4.353	-3.085	-1.107	1.354	3.814	5.665
921	9.20	6.379	5.711	3.803	1.155	-1.534	-3.608	-4.657	-4.637	-3.839	-2.751
931	9.30	-1.865	-1.514	-1.781	-2.518	-3.433	-4.212	-4.621	-4.565	-4.099	-3.388
941	9.40	-2.651	-2.088	-1.817	-1.834	-2.017	-2.176	-2.150	-1.898	-1.560	-1.423
951	9.50	-1.796	-2.834	-4.381	-5.935	-6.780	-6.254	-4.070	-0.520	3.520	6.860
961	9.60	8.421	7.677	4.895	1.080	-2.386	-4.270	-3.949	-1.632	1.771	5.047
971	9.70	7.183	7.751	7.020	5.764	4.874	4.959	6.107	7.885	9.572	10.480
981	9.80	10.215	8.797	6.587	4.108	1.837	0.087	-1.028	-1.531	-1.506	-1.050
991	9.90	-0.274	0.677	1.608	2.301	2.577	2.369	1.760	0.951	0.190	-0.319

Table 7-27-3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 2053 S707-GR-1-9 HB. (HB.) KUJIGAWA EMB. MAX. ACC. = -64.615 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.478	-0.292	0.178	0.882	1.810	2.956	4.251	5.488	6.318	6.337
1011	10.10	5.255	3.071	0.162	-2.764	-4.886	-5.570	-4.631	-2.464	0.067	1.923
1021	10.20	2.273	0.818	-2.096	-5.615	-8.717	-10.618	-11.072	-10.441	-9.508	-9.118
1031	10.30	-9.804	-11.559	-13.838	-15.787	-16.584	-15.748	-13.278	-9.600	-5.351	-1.131
1041	10.40	2.668	5.901	8.572	10.699	12.223	13.022	13.007	12.251	11.042	9.830
1051	10.50	9.058	8.974	9.501	10.245	10.645	10.194	8.632	6.035	2.755	-0.737
1061	10.60	-4.023	-6.853	-9.150	-10.933	-12.223	-12.991	-13.178	-12.776	-11.891	-10.771
1071	10.70	-9.709	-8.921	-8.425	-8.005	-7.287	-5.908	-3.697	-0.770	2.489	5.574
1081	10.80	8.058	9.752	10.752	11.358	11.909	12.614	13.459	14.236	14.668	14.560
1091	10.90	13.907	12.897	11.816	10.903	10.212	9.577	8.670	7.143	4.794	1.675
1101	11.00	-1.898	-5.441	-8.460	-10.610	-11.793	-12.157	-12.000	-11.636	-11.267	-10.933
1111	11.10	-10.545	-9.984	-9.216	-8.363	-7.679	-7.440	-7.800	-8.664	-9.667	-10.272
1121	11.20	-9.961	-8.456	-5.853	-2.628	0.518	2.910	4.147	4.246	3.621	2.904
1131	11.30	2.686	3.290	4.659	6.413	8.023	9.031	9.216	8.633	7.540	6.252
1141	11.40	4.997	3.855	2.778	1.682	0.541	-0.561	-1.458	-1.978	-2.022	-1.614
1151	11.50	-0.891	-0.039	0.765	1.402	1.805	1.938	1.769	1.288	0.544	-0.305
1161	11.60	-0.990	-1.191	-0.663	0.630	2.437	4.262	5.523	5.782	4.937	3.299
1171	11.70	1.491	0.210	-0.058	0.766	2.333	4.024	5.238	5.656	5.370	4.813
1181	11.80	4.518	4.818	5.637	6.463	6.541	5.191	2.125	-2.387	-7.566	-12.382
1191	11.90	-15.902	-17.605	-17.517	-16.153	-14.273	-12.587	-11.519	-11.110	-11.087	-11.044
1201	12.00	-10.630	-9.690	-8.275	-6.580	-4.820	-3.146	-1.617	-0.240	0.961	1.903
1211	12.10	2.472	2.596	2.343	1.968	1.871	2.456	3.945	6.235	8.862	11.123
1221	12.20	12.315	12.000	10.188	7.346	4.236	1.624	0.006	-0.549	-0.373	0.000
1231	12.30	0.099	-0.275	-0.983	-1.647	-1.863	-1.404	-0.323	1.082	2.424	3.401
1241	12.40	3.906	4.023	3.930	3.772	3.600	3.385	3.108	2.846	2.782	3.111
1251	12.50	3.892	4.930	5.779	5.896	4.892	2.760	-0.050	-2.768	-4.609	-5.122
1261	12.60	-4.403	-3.062	-1.954	-1.779	-2.755	-4.511	-6.254	-7.139	-6.661	-4.882
1271	12.70	-2.392	-0.037	1.462	1.801	1.175	0.124	-0.751	-1.073	-0.808	-0.207
1281	12.80	0.393	0.775	0.943	1.069	1.340	1.797	2.277	2.495	2.228	1.473
1291	12.90	0.507	-0.229	-0.349	0.258	1.326	2.316	2.660	2.062	0.683	-0.878
1301	13.00	-1.824	-1.509	0.247	3.027	5.947	7.974	8.331	6.798	3.804	0.265
1311	13.10	-2.745	-4.376	-4.272	-2.661	-0.240	2.092	3.523	3.563	2.148	-0.391
1321	13.20	-3.465	-6.404	-8.620	-9.726	-9.588	-8.313	-6.204	-3.680	-1.189	0.873
1331	13.30	2.227	2.753	2.490	1.616	0.394	-0.883	-1.941	-2.568	-2.634	-2.110
1341	13.40	-1.071	0.309	1.772	3.023	3.783	3.865	3.232	2.019	0.511	-0.932
1351	13.50	-1.971	-2.388	-2.139	-1.351	-0.278	0.786	1.579	1.926	1.751	1.073
1361	13.60	-0.013	-1.346	-2.710	-3.851	-4.531	-4.595	-4.046	-3.088	-2.087	-1.452
1371	13.70	-1.469	-2.146	-3.152	-3.906	-3.782	-2.406	0.151	3.315	6.177	7.825
1381	13.80	7.711	5.907	3.119	0.437	-1.076	-0.817	1.116	3.952	6.552	7.860
1391	13.90	7.314	5.051	1.827	-1.306	-3.408	-3.995	-3.159	-1.463	0.341	1.616
1401	14.00	2.051	1.695	0.834	-0.199	-1.183	-2.066	-2.908	-3.766	-4.600	-5.252
1411	14.10	-5.518	-5.265	-4.519	-3.482	-2.462	-1.735	-1.438	-1.517	-1.774	-1.979
1421	14.20	-1.994	-1.839	-1.676	-1.715	-2.097	-2.805	-3.650	-4.341	-4.592	-4.236
1431	14.30	-3.283	-1.911	-0.392	0.995	2.052	2.692	2.943	2.898	2.675	2.378
1441	14.40	2.087	1.866	1.780	1.908	2.336	3.131	4.296	5.735	7.233	8.494
1451	14.50	9.213	9.184	8.407	7.122	5.763	4.815	4.616	5.186	6.168	6.923
1461	14.60	6.770	5.275	2.481	-1.046	-4.389	-6.611	-7.125	-5.934	-3.633	-1.172
1471	14.70	0.529	0.937	0.088	-1.480	-3.009	-3.861	-3.774	-2.912	-1.709	-0.616
1481	14.80	0.125	0.542	0.835	1.171	1.518	1.614	1.109	-0.209	-2.228	-4.477
1491	14.90	-6.299	-7.131	-6.768	-5.467	-3.826	-2.508	-1.934	-2.119	-2.726	-3.301

Table 7-27-4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 2053 S707-GR-1-9 HB. (HB.) KUJIGAWA EMB. MAX. ACC. = -64.615 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.559	-3.558	-3.650	-4.244	-5.500	-7.144	-8.517	-8.867	-7.747	-5.304
1511	15.10	-2.312	0.117	1.016	0.020	-2.428	-5.226	-7.068	-7.000	-4.829	-1.190
1521	15.20	2.740	5.753	7.099	6.751	5.330	3.762	2.840	2.902	3.762	4.894
1531	15.30	5.747	6.029	5.819	5.466	5.361	5.708	6.414	7.150	7.528	7.298
1541	15.40	6.460	5.235	3.936	2.818	1.977	1.372	0.904	0.524	0.272	0.241
1551	15.50	0.475	0.889	1.261	1.317	0.874	-0.044	-1.188	-2.183	-2.701	-2.624
1561	15.60	-2.093	-1.428	-0.941	-0.748	-0.686	-0.381	0.543	2.229	4.443	6.600
1571	15.70	7.977	8.004	8.518	8.853	0.727	-2.031	-3.781	-4.285	-3.741	-2.643
1581	15.80	-1.560	-0.911	-0.865	-1.353	-2.187	-3.183	-4.243	-5.341	-6.467	-7.550
1591	15.90	-8.432	-8.906	-8.790	-8.005	-6.609	-4.771	-2.710	-0.630	1.305	2.964
1601	16.00	4.216	4.918	4.943	4.251	2.963	1.394	0.001	-0.740	-0.502	0.763
1611	16.10	2.777	5.010	6.847	7.792	7.618	6.431	4.607	2.655	1.045	0.077
1621	16.20	-0.182	0.122	0.708	1.259	1.509	1.307	0.639	-0.372	-1.492	-2.427
1631	16.30	-2.888	-2.668	-1.717	-0.184	1.599	3.189	4.161	4.240	3.406	1.916
1641	16.40	0.229	-1.138	-1.791	-1.588	-0.691	0.496	1.478	1.840	1.391	0.209
1651	16.50	-1.402	-3.036	-4.324	-5.035	-5.108	-4.626	-3.740	-2.618	-1.412	-0.270
1661	16.60	0.644	1.155	1.117	0.486	-0.625	-1.938	-3.091	-3.769	-3.866	-3.457
1671	16.70	-2.958	-2.774	-3.188	-4.174	-5.363	-6.164	-6.008	-4.613	-2.155	0.754
1681	16.80	3.262	4.588	4.324	2.580	-0.052	-2.724	-4.640	-5.320	-4.719	-3.186
1691	16.90	-1.281	0.445	1.619	2.113	2.008	1.494	0.776	0.021	-0.647	-1.120
1701	17.00	-1.299	-1.106	-0.534	0.314	1.221	1.914	2.158	1.859	1.114	0.187
1711	17.10	-0.587	-0.941	-0.785	-0.252	0.358	0.700	0.529	-0.195	-1.282	-2.389
1721	17.20	-3.150	-3.323	-2.879	-2.008	-1.046	-0.333	-0.090	-0.334	-0.887	-1.447
1731	17.30	-1.710	-1.481	-0.737	0.384	1.640	2.778	3.609	4.041	4.078	3.780
1741	17.40	3.233	2.532	1.789	1.141	0.752	0.778	1.305	2.291	3.541	4.741
1751	17.50	5.546	5.701	5.135	3.993	2.586	1.270	0.325	-0.137	-0.184	0.007
1761	17.60	0.247	0.429	0.554	0.690	0.893	1.133	1.278	1.142	0.586	-0.393
1771	17.70	-1.633	-2.855	-3.779	-4.247	-4.289	-4.101	-3.938	-3.968	-4.177	-4.355
1781	17.80	-4.195	-3.450	-2.082	-0.316	1.420	2.652	3.054	2.579	1.486	0.231
1791	17.90	-0.710	-1.017	-0.626	0.279	1.376	2.346	2.992	3.271	3.253	3.038
1801	18.00	2.683	2.186	1.521	0.711	-0.121	-0.766	-1.002	-0.705	0.070	1.079
1811	18.10	1.973	2.440	2.348	1.815	1.171	0.809	1.012	1.804	2.920	3.897
1821	18.20	4.255	3.697	2.229	0.168	-1.980	-3.702	-4.660	-4.782	-4.254	-3.414
1831	18.30	-2.609	-2.076	-1.888	-1.971	-2.169	-2.315	-2.274	-1.959	-1.322	-0.352
1841	18.40	0.916	2.376	3.839	5.058	5.794	5.906	5.424	4.567	3.683	3.116
1851	18.50	3.066	3.490	4.108	4.507	4.314	3.369	1.809	0.039	-1.420	-2.133
1861	18.60	-1.924	-0.951	0.351	1.441	1.870	1.444	0.286	-1.232	-2.639	-3.539
1871	18.70	-3.752	-3.357	-2.639	-1.969	-1.667	-1.884	-2.565	-3.471	-4.271	-4.646
1881	18.80	-4.400	-3.518	-2.168	-0.656	0.678	1.558	1.862	1.653	1.142	0.605
1891	18.90	0.264	0.201	0.329	0.437	0.300	-0.202	-1.003	-1.856	-2.427	-2.446
1901	19.00	-1.838	-0.793	0.291	0.952	0.856	-0.048	-1.490	-2.962	-3.912	-3.955
1911	19.10	-3.030	-1.427	0.320	1.632	2.105	1.646	0.506	-0.834	-1.832	-2.081
1921	19.20	-1.436	-0.040	1.744	3.460	4.706	5.237	5.006	4.146	2.896	1.526
1931	19.30	0.256	-0.782	-1.564	-2.146	-2.635	-3.136	-3.720	-4.396	-5.111	-5.771
1941	19.40	-6.272	-6.536	-6.532	-6.284	-5.854	-5.323	-4.756	-4.196	-3.653	-3.112
1951	19.50	-2.554	-1.961	-1.326	-0.651	0.048	0.743	1.388	1.918	2.252	2.311
1961	19.60	2.047	1.474	0.682	-0.162	-0.845	-1.163	-0.977	-0.267	0.857	2.165
1971	19.70	3.366	4.181	4.419	4.025	3.103	1.875	0.625	-0.389	-1.002	-1.186
1981	19.80	-1.038	-0.732	-0.449	-0.297	-0.277	-0.286	-0.164	0.230	0.957	1.959
1991	19.90	3.081	4.125	4.922	5.400	5.599	5.650	5.720	5.939	6.351	6.896

Table 7-27-5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 2053 S707-GR-1-9 HB. (HB.) KUJIGAWA EMB. MAX. ACC. = -64.615 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	7.432	7.784	7.800	7.392	6.555	5.363	3.943	2.445	1.012	-0.250
2011	20.10	-1.282	-2.075	-2.662	-3.098	-3.436	-3.709	-3.925	-4.075	-4.154	-4.177
2021	20.20	-4.185	-4.226	-4.325	-4.457	-4.534	-4.431	-4.037	-3.315	-2.333	-1.254
2031	20.30	-0.272	0.468	0.944	1.267	1.634	2.223	3.089	4.103	4.985	5.404
2041	20.40	5.125	4.122	2.611	0.985	-0.331	-1.047	-1.107	-0.704	-0.187	0.092
2051	20.50	-0.128	-0.844	-1.904	-3.046	-4.022	-4.687	-5.031	-5.149	-5.169	-5.192
2061	20.60	-5.255	-5.336	-5.384	-5.371	-5.293	-5.178	-5.064	-4.975	-4.912	-4.852
2071	20.70	-4.758	-4.587	-4.294	-3.831	-3.158	-2.253	-1.138	0.107	1.345	2.414
2081	20.80	3.182	3.593	3.699	3.649	3.641	3.843	4.341	5.103	5.994	6.829
2091	20.90	7.431	7.674	7.505	6.939	6.038	4.898	3.640	2.406	1.347	0.596
2101	21.00	0.232	0.244	0.523	0.889	1.150	1.160	0.872	0.329	-0.365	-1.108
2111	21.10	-1.841	-2.554	-3.251	-3.904	-4.415	-4.627	-4.386	-3.619	-2.389	-0.901
2121	21.20	0.573	1.796	2.664	3.245	3.730	4.325	5.129	6.063	6.893	7.332
2131	21.30	7.186	6.457	5.371	4.292	3.574	3.415	3.773	4.387	4.890	4.955
2141	21.40	4.419	3.319	1.851	0.267	-1.231	-2.548	-3.697	-4.739	-5.722	-6.632
2151	21.50	-7.395	-7.919	-8.142	-8.071	-7.786	-7.406	-7.042	-6.757	-6.541	-6.319
2161	21.60	-5.977	-5.399	-4.502	-3.271	-1.777	-0.179	1.305	2.447	3.080	3.160
2171	21.70	2.804	2.254	1.604	1.682	1.956	2.496	3.027	3.245	2.953	2.163
2181	21.80	1.089	0.057	-0.640	-0.883	-0.772	-0.575	-0.590	-0.998	-1.770	-2.684
2191	21.90	-3.439	-3.807	-3.745	-3.415	-3.087	-2.992	-3.188	-3.513	-3.655	-3.302
2201	22.00	-2.298	-0.740	1.054	2.666	3.750	4.161	3.998	3.526	3.041	2.735
2211	22.10	2.627	2.589	2.449	2.102	1.588	1.081	0.799	0.884	1.316	1.888
2221	22.20	2.288	2.220	1.541	0.336	-1.095	-2.339	-3.013	-2.898	-2.011	-0.586
2231	22.30	1.010	2.413	3.363	3.768	3.689	3.278	2.699	2.066	1.434	0.823
2241	22.40	0.259	-0.200	-0.480	-0.537	-0.410	-0.246	-0.262	-0.653	-1.485	-2.620
2251	22.50	-3.723	-4.373	-4.232	-3.202	-1.508	0.359	1.808	2.380	1.928	0.683
2261	22.60	-0.844	-2.068	-2.566	-2.242	-1.336	-0.310	0.372	0.435	-0.112	-1.007
2271	22.70	-1.881	-2.432	-2.551	-2.338	-2.026	-1.866	-1.907	-2.151	-2.393	-2.419
2281	22.80	-2.085	-1.375	-0.392	0.699	1.748	2.660	3.402	3.964	4.326	4.439
2291	22.90	4.250	3.754	3.035	2.274	1.703	1.518	1.790	2.414	3.125	3.587
2301	23.00	3.506	2.753	1.410	-0.242	-1.820	-2.969	-3.470	-3.311	-2.668	-1.835
2311	23.10	-1.117	-0.731	-0.749	-1.095	-1.589	-2.019	-2.206	-2.054	-1.560	-0.811
2321	23.20	0.048	0.843	1.411	1.626	1.436	0.875	0.070	-0.787	-1.492	-1.890
2331	23.30	-1.930	-1.682	-1.316	-1.030	-0.970	-1.176	-1.565	-1.976	-2.249	-2.298
2341	23.40	-2.138	-1.868	-1.596	-1.373	-1.161	-0.852	-0.350	0.348	1.110	1.700
2351	23.50	1.871	1.495	0.642	-0.412	-1.284	-1.627	-1.271	-0.292	1.023	2.298
2361	23.60	3.215	3.621	3.555	3.191	2.734	2.330	2.033	1.826	1.680	1.602
2371	23.70	1.627	1.782	2.018	2.191	2.096	1.558	0.565	-0.774	-2.051	-2.878
2381	23.80	-2.952	-2.207	-0.863	0.648	1.844	2.378	2.169	1.417	0.513	-0.127
2391	23.90	-0.218	0.300	1.266	2.381	3.333	3.901	4.004	3.694	3.102	2.371
2401	24.00	1.615	0.902	0.262	-0.291	-0.745	-1.079	-1.278	-1.336	-1.268	-1.115
2411	24.10	-0.938	-0.810	-0.801	-0.958	-1.284	-1.728	-2.184	-2.525	-2.638	-2.479
2421	24.20	-2.104	-1.661	-1.347	-1.339	-1.714	-2.408	-3.230	-3.926	-4.271	-4.160
2431	24.30	-3.643	-2.900	-2.168	-1.638	-1.376	-1.307	-1.254	-1.029	-0.524	0.233
2441	24.40	1.079	1.784	2.144	2.075	1.649	1.070	0.594	0.424	0.624	1.096
2451	24.50	1.611	1.904	1.786	1.220	0.343	-0.588	-1.293	-1.587	-1.449	-1.034
2461	24.60	-0.598	-0.391	-0.541	-0.996	-1.561	-1.886	-1.796	-1.194	-0.207	0.878
2471	24.70	1.722	2.070	1.848	1.181	0.340	-0.373	-0.738	-0.687	-0.300	0.261
2481	24.80	0.835	1.335	1.765	2.178	2.622	3.085	3.487	3.727	3.736	3.532
2491	24.90	3.222	2.954	2.838	2.893	3.025	3.081	2.937	2.574	2.108	1.742

Table 7-27-6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 2053 S707-GR-1-9 HB. (HB.) KUJIGAWA EMB. MAX. ACC. = -64.615 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.666	1.947	2.476	2.995	3.204	2.900	2.073	0.925	-0.218	-1.055
2511	25.10	-1.439	-1.443	-1.316	-1.355	-1.759	-2.530	-3.475	-4.303	-4.765	-4.776
2521	25.20	-4.449	-4.038	-3.808	-3.915	-4.335	-4.885	-5.315	-5.420	-5.123	-4.480
2531	25.30	-3.636	-2.736	-1.870	-1.061	-0.291	0.437	1.068	1.513	1.689	1.587
2541	25.40	1.299	0.998	0.866	1.010	1.410	1.922	2.340	2.485	2.285	1.790
2551	25.50	1.144	0.504	-0.025	-0.427	-0.757	-1.087	-1.456	-1.839	-2.163	-2.346
2561	25.60	-2.345	-2.169	-1.868	-1.491	-1.061	-0.564	0.019	0.674	1.325	1.847
2571	25.70	2.111	2.056	1.728	1.279	0.905	0.756	0.864	1.124	1.341	1.328
2581	25.80	1.006	0.450	-0.133	-0.504	-0.499	-0.116	0.490	1.071	1.411	1.424
2591	25.90	1.190	0.914	0.815	1.021	1.497	2.061	2.474	2.546	2.233	1.648
2601	26.00	1.009	0.540	0.370	0.484	0.750	0.988	1.059	0.928	0.664	0.393
2611	26.10	0.232	0.232	0.367	0.564	0.754	0.904	1.025	1.135	1.221	1.208
2621	26.20	0.985	0.458	-0.380	-1.406	-2.391	-3.077	-3.293	-3.038	-2.506	-2.015
2631	26.30	-1.872	-2.229	-3.001	-3.885	-4.476	-4.443	-3.680	-2.363	-0.893	0.260
2641	26.40	0.744	0.461	-0.406	-1.480	-2.352	-2.745	-2.614	-2.137	-1.615	-1.334
2651	26.50	-1.445	-1.913	-2.553	-3.120	-3.417	-3.358	-2.987	-2.428	-1.830	-1.303
2661	26.60	-0.894	-0.598	-0.379	-0.200	-0.034	0.142	0.354	0.629	0.994	1.451
2671	26.70	1.970	2.490	2.945	3.293	3.543	3.754	4.011	4.381	4.873	5.416
2681	26.80	5.875	6.097	5.975	5.487	4.719	3.837	3.029	2.441	2.129	2.040
2691	26.90	2.041	1.978	1.735	1.284	0.702	0.137	-0.252	-0.356	-0.171	0.199
2701	27.00	0.573	0.768	0.670	0.282	-0.279	-0.830	-1.208	-1.343	-1.294	-1.230
2711	27.10	-1.347	-1.776	-2.506	-3.367	-4.089	-4.405	-4.166	-3.410	-2.358	-1.339
2721	27.20	-0.664	-0.513	-0.864	-1.514	-2.159	-2.517	-2.425	-1.899	-1.117	-0.338
2731	27.30	0.188	0.315	0.042	-0.498	-1.088	-1.505	-1.596	-1.318	-0.751	-0.059
2741	27.40	0.560	0.946	1.026	0.836	0.502	0.191	0.044	0.126	0.396	0.737
2751	27.50	1.006	1.102	1.012	0.821	0.666	0.676	0.903	1.293	1.709	1.988
2761	27.60	2.019	1.791	1.398	0.997	0.730	0.659	0.745	0.870	0.903	0.767
2771	27.70	0.485	0.168	-0.036	-0.013	0.261	0.701	1.151	1.443	1.462	1.187
2781	27.80	0.684	0.075	-0.515	-0.994	-1.319	-1.487	-1.513	-1.420	-1.231	-0.985
2791	27.90	-0.744	-0.594	-0.616	-0.847	-1.248	-1.691	-1.989	-1.954	-1.478	-0.585
2801	28.00	0.549	1.645	2.402	2.601	2.188	1.299	0.221	-0.700	-1.173	-1.061
2811	28.10	-0.418	0.527	1.454	2.061	2.156	1.716	0.875	-0.127	-1.034	-1.653
2821	28.20	-1.897	-1.795	-1.457	-1.024	-0.616	-0.307	-0.125	-0.059	-0.083	-0.167
2831	28.30	-0.280	-0.385	-0.438	-0.393	-0.221	0.077	0.460	0.860	1.197	1.419
2841	28.40	1.514	1.519	1.499	1.513	1.585	1.690	1.759	1.716	1.507	1.134
2851	28.50	0.656	0.172	-0.213	-0.426	-0.442	-0.298	-0.065	0.165	0.313	0.327
2861	28.60	0.188	-0.089	-0.463	-0.872	-1.253	-1.543	-1.702	-1.717	-1.608	-1.417
2871	28.70	-1.195	-0.982	-0.797	-0.639	-0.502	-0.397	-0.361	-0.453	-0.726	-1.193
2881	28.80	-1.795	-2.404	-2.854	-3.000	-2.785	-2.278	-1.660	-1.169	-1.008	-1.257
2891	28.90	-1.836	-2.519	-3.015	-3.078	-2.600	-1.652	-0.464	0.663	1.460	1.780
2901	29.00	1.628	1.143	0.531	-0.015	-0.375	-0.518	-0.485	-0.348	-0.179	-0.026
2911	29.10	0.081	0.115	0.047	-0.150	-0.483	-0.916	-1.367	-1.721	-1.869	-1.746
2921	29.20	-1.362	-0.797	-0.174	0.384	0.790	1.011	1.057	0.958	0.741	0.425
2931	29.30	0.030	-0.400	-0.785	-1.019	-1.005	-0.695	-0.123	0.598	1.314	1.882
2941	29.40	2.229	2.368	2.379	2.360	2.370	2.398	2.378	2.235	1.939	1.541
2951	29.50	1.164	0.945	0.972	1.231	1.605	1.928	2.064	1.976	1.753	1.565
2961	29.60	1.581	1.876	2.382	2.902	3.193	3.073	2.511	1.651	0.764	0.147
2971	29.70	0.003	0.367	1.099	1.942	2.622	2.946	2.860	2.443	1.861	1.288
2981	29.80	0.845	0.569	0.416	0.304	0.156	-0.062	-0.331	-0.591	-0.770	-0.813
2991	29.90	-0.711	-0.501	-0.259	-0.071	-0.007	-0.101	-0.342	-0.688	-1.087	-1.496

Table 7-27-7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 2053 S707-GR-1-9 HB. (HB.) KUJIGAWA EMB. MAX. ACC. = -64.615 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.900	-2.297	-2.680	-3.008	-3.196	-3.127	-2.697	-1.873	-0.738	0.504
3011	30.10	1.571	2.192	2.204	1.620	0.637	-0.433	-1.276	-1.688	-1.655	-1.339
3021	30.20	-1.002	-0.884	-1.104	-1.603	-2.182	-2.594	-2.650	-2.303	-1.651	-0.893
3031	30.30	-0.229	0.214	0.424	0.476	0.472	0.474	0.468	0.385	0.154	-0.236
3041	30.40	-0.706	-1.110	-1.297	-1.191	-0.834	-0.380	-0.025	0.074	-0.120	-0.513
3051	30.50	-0.928	-1.191	-1.224	-1.083	-0.933	-0.964	-1.293	-1.901	-2.630	-3.253
3061	30.60	-3.568	-3.488	-3.065	-2.459	-1.854	-1.374	-1.039	-0.762	-0.513	-0.185
3071	30.70	0.158	0.407	0.446	0.228	-0.177	-0.598	-0.837	-0.756	-0.350	0.245
3081	30.80	0.810	1.140	1.138	0.847	0.432	0.092	-0.022	0.130	0.481	0.902
3091	30.90	1.278	1.553	1.742	1.892	2.039	2.167	2.220	2.138	1.906	1.585
3101	31.00	1.297	1.173	1.287	1.615	2.041	2.406	2.573	2.505	2.249	1.919
3111	31.10	1.626	1.426	1.297	1.169	0.972	0.690	0.369	0.098	-0.047	-0.045
3121	31.20	0.053	0.157	0.187	0.120	0.004	-0.077	-0.059	0.050	0.159	0.128
3131	31.30	-0.155	-0.709	-1.429	-2.115	-2.554	-2.602	-2.245	-1.598	-0.848	-0.171
3141	31.40	0.331	0.647	0.832	0.946	1.013	1.010	0.902	0.696	0.467	0.351
3151	31.50	0.485	0.924	1.589	2.275	2.716	2.700	2.165	1.233	0.167	-0.743
3161	31.60	-1.302	-1.486	-1.440	-1.398	-1.557	-1.983	-2.578	-3.131	-3.424	-3.336
3171	31.70	-2.892	-2.248	-1.599	-1.089	-0.749	-0.499	-0.219	0.173	0.654	1.111
3181	31.80	1.395	1.420	1.224	0.970	0.875	1.106	1.677	2.429	3.077	3.332
3191	31.90	3.026	2.195	1.066	-0.026	-0.779	-1.030	-0.815	-0.328	0.173	0.473
3201	32.00	0.478	0.227	-0.157	-0.541	-0.847	-1.066	-1.241	-1.409	-1.560	-1.633
3211	32.10	-1.541	-1.233	-0.736	-0.169	0.292	0.483	0.323	-0.142	-0.745	-1.252
3221	32.20	-1.442	-1.190	-0.509	0.452	1.452	2.236	2.613	2.506	1.971	1.182
3231	32.30	0.371	-0.231	-0.459	-0.259	0.309	1.083	1.854	2.421	2.652	2.512
3241	32.40	2.068	1.462	0.865	0.419	0.201	0.205	0.353	0.524	0.593	0.473
3251	32.50	0.132	-0.390	-1.003	-1.586	-2.025	-2.245	-2.236	-2.058	-1.825	-1.665
3261	32.60	-1.676	-1.883	-2.220	-2.544	-2.686	-2.501	-1.954	-1.122	-0.193	0.594
3271	32.70	1.028	0.999	0.538	-0.193	-0.960	-1.531	-1.756	-1.608	-1.179	-0.662
3281	32.80	-0.182	0.064	0.038	-0.227	-0.643	-1.098	-1.497	-1.778	-1.914	-1.900
3291	32.90	-1.743	-1.453	-1.054	-0.595	-0.155	0.161	0.253	0.059	-0.410	-1.051
3301	33.00	-1.690	-2.131	-2.219	-1.896	-1.237	-0.422	0.322	0.799	0.921	0.733
3311	33.10	0.394	0.101	0.007	0.148	0.433	0.688	0.739	0.503	0.033	-0.490
3321	33.20	-0.838	-0.838	-0.453	0.190	0.850	1.276	1.312	0.975	0.445	-0.011
3331	33.30	-0.155	0.119	0.741	1.499	2.134	2.451	2.389	2.040	1.584	1.210
3341	33.40	1.027	1.037	1.151	1.257	1.276	1.204	1.093	1.010	0.986	0.992
3351	33.50	0.954	0.799	0.505	0.125	-0.227	-0.425	-0.389	-0.120	0.305	0.768
3361	33.60	1.169	1.463	1.664	1.816	1.954	2.066	2.102	2.000	1.730	1.325
3371	33.70	0.877	0.502	0.287	0.254	0.358	0.517	0.666	0.793	0.950	1.210
3381	33.80	1.618	2.141	2.652	2.974	2.937	2.456	1.570	0.435	-0.732	-1.717
3391	33.90	-2.382	-2.688	-2.693	-2.510	-2.267	-2.074	-2.001	-2.081	-2.312	-2.656
3401	34.00	-3.046	-3.384	-3.570	-3.525	-3.225	-2.719	-2.120	-1.565	-1.173	-0.991
3411	34.10	-0.984	-1.049	-1.063	-0.932	-0.628	-0.199	0.260	0.649	0.901	1.000
3421	34.20	0.980	0.902	0.823	0.780	0.780	0.809	0.838	0.834	0.766	0.614
3431	34.30	0.373	0.067	-0.251	-0.507	-0.627	-0.565	-0.329	0.017	0.372	0.642
3441	34.40	0.781	0.815	0.834	0.945	1.219	1.645	2.120	2.489	2.610	2.422
3451	34.50	1.976	1.423	0.954	0.714	0.746	0.971	1.228	1.345	1.216	0.850
3461	34.60	0.360	-0.085	-0.338	-0.335	-0.122	0.172	0.389	0.409	0.191	-0.212
3471	34.70	-0.683	-1.086	-1.316	-1.322	-1.119	-0.774	-0.379	-0.034	0.173	0.179
3481	34.80	-0.042	-0.469	-1.029	-1.606	-2.061	-2.271	-2.170	-1.776	-1.191	-0.579
3491	34.90	-0.111	0.093	-0.003	-0.340	-0.789	-1.203	-1.464	-1.517	-1.377	-1.106

Table 7-27-8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 2053 S707-GR-1-9 HB. (HB.) KUJIGAWA EMB. MAX. ACC. = -64.615 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.788	-0.497	-0.284	-0.177	-0.189	-0.320	-0.558	-0.865	-1.172	-1.387
3511	35.10	-1.417	-1.202	-0.743	-0.115	0.550	1.103	1.429	1.486	1.317	1.027
3521	35.20	0.739	0.546	0.475	0.479	0.461	0.312	-0.039	-0.600	-1.303	-2.018
3531	35.30	-2.587	-2.864	-2.760	-2.271	-1.488	-0.588	0.215	0.721	0.812	0.490
3541	35.40	-0.111	-0.768	-1.234	-1.325	-0.981	-0.288	0.554	1.309	1.786	1.899
3551	35.50	1.686	1.275	0.828	0.472	0.270	0.212	0.251	0.336	0.435	0.540
3561	35.60	0.648	0.739	0.771	0.694	0.483	0.158	-0.203	-0.490	-0.603	-0.501
3571	35.70	-0.224	0.114	0.372	0.438	0.279	-0.040	-0.381	-0.582	-0.516	-0.137
3581	35.80	0.505	1.282	2.030	2.594	2.872	2.833	2.524	2.049	1.542	1.128
3591	35.90	0.894	0.858	0.972	1.131	1.211	1.115	0.802	0.311	-0.262	-0.796
3601	36.00	-1.192	-1.413	-1.489	-1.498	-1.528	-1.638	-1.833	-2.070	-2.280	-2.406
3611	36.10	-2.420	-2.333	-2.172	-1.961	-1.705	-1.384	-0.975	-0.472	0.100	0.682
3621	36.20	1.200	1.589	1.817	1.891	1.845	1.721	1.550	1.343	1.099	0.815
3631	36.30	0.504	0.190	-0.094	-0.326	-0.511	-0.684	-0.895	-1.190	-1.586	-2.051
3641	36.40	-2.508	-2.849	-2.969	-2.796	-2.315	-1.580	-0.707	0.159	0.874	1.344
3651	36.50	1.544	1.531	1.426	1.366	1.462	1.750	2.182	2.643	2.997	3.149
3661	36.60	3.082	2.867	2.626	2.475	2.470	2.574	2.673	2.634	2.360	1.847
3671	36.70	1.180	0.497	-0.075	-0.482	-0.761	-1.014	-1.346	-1.801	-2.330	-2.803
3681	36.80	-3.070	-3.032	-2.697	-2.176	-1.639	-1.236	-1.035	-0.993	-0.988	-0.893
3691	36.90	-0.643	-0.275	0.086	0.297	0.268	0.025	-0.300	-0.521	-0.495	-0.192
3701	37.00	0.277	0.696	0.844	0.591	-0.030	-0.828	-1.518	-1.833	-1.626	-0.929
3711	37.10	0.069	1.085	1.852	2.198	2.099	1.660	1.067	0.516	0.157	0.066
3721	37.20	0.246	0.639	1.156	1.693	2.149	2.436	2.501	2.343	2.013	1.610
3731	37.30	1.250	1.021	0.948	0.980	1.008	0.911	0.605	0.090	-0.551	-1.183
3741	37.40	-1.666	-1.912	-1.908	-1.706	-1.394	-1.049	-0.723	-0.432	-0.182	0.011
3751	37.50	0.117	0.099	-0.050	-0.289	-0.525	-0.649	-0.582	-0.320	0.050	0.379
3761	37.60	0.516	0.377	-0.018	-0.553	-1.066	-1.420	-1.561	-1.533	-1.443	-1.400
3771	37.70	-1.463	-1.617	-1.790	-1.910	-1.946	-1.934	-1.955	-2.085	-2.345	-2.678
3781	37.80	-2.965	-3.079	-2.943	-2.565	-2.034	-1.475	-1.000	-0.659	-0.439	-0.290
3791	37.90	-0.162	-0.034	0.081	0.159	0.201	0.247	0.361	0.599	0.966	1.396
3801	38.00	1.774	1.983	1.965	1.749	1.449	1.204	1.115	1.189	1.335	1.409
3811	38.10	1.285	0.924	0.403	-0.118	-0.460	-0.504	-0.245	0.216	0.718	1.113
3821	38.20	1.323	1.362	1.313	1.271	1.296	1.387	1.488	1.530	1.468	1.306
3831	38.30	1.090	0.883	0.730	0.637	0.577	0.511	0.418	0.309	0.221	0.191
3841	38.40	0.230	0.310	0.368	0.339	0.187	-0.074	-0.378	-0.637	-0.779	-0.777
3851	38.50	-0.658	-0.485	-0.325	-0.213	-0.162	-0.075	0.028	0.173	0.318	0.382
3861	38.60	0.286	-0.009	-0.468	-0.977	-1.383	-1.545	-1.388	-0.934	-0.302	0.335
3871	38.70	0.808	1.002	0.892	0.536	0.049	-0.440	-0.831	-1.070	-1.161	-1.141
3881	38.80	-1.067	-0.989	-0.941	-0.936	-0.967	-1.016	-1.060	-1.082	-1.079	-1.061
3891	38.90	-1.052	-1.079	-1.149	-1.246	-1.318	-1.294	-1.109	-0.728	-0.172	0.478
3901	39.00	1.106	1.595	1.863	1.899	1.757	1.534	1.337	1.240	1.265	1.378
3911	39.10	1.516	1.606	1.600	1.482	1.269	1.002	0.728	0.491	0.318	0.216
3921	39.20	0.167	0.127	0.039	-0.155	-0.486	-0.942	-1.455	-1.914	-2.199	-2.222
3931	39.30	-1.964	-1.488	-0.924	-0.425	-0.112	-0.034	-0.157	-0.382	-0.592	-0.692
3941	39.40	-0.647	-0.476	-0.237	0.011	0.231	0.417	0.588	0.763	0.947	1.119
3951	39.50	1.245	1.289	1.232	1.078	0.849	0.578	0.298	0.039	-0.175	-0.322
3961	39.60	-0.384	-0.350	-0.226	-0.036	0.177	0.372	0.517	0.610	0.679	0.773
3971	39.70	0.940	1.204	1.553	1.936	2.277	2.494	2.525	2.345	1.973	1.472
3981	39.80	0.939	0.488	0.219	0.197	0.429	0.847	1.326	1.709	1.860	1.712
3991	39.90	1.290	0.714	0.157	-0.218	-0.319	-0.157	0.155	0.446	0.558	0.401

Table 7-27-9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 2053 S707-GR-1-9 HB. (HB.) KUJIGAWA EMB. MAX. ACC. = -64.615 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.016	-0.594	-1.193	-1.682	-1.984	-2.091	-2.049	-1.924	-1.774	-1.631
4011	40.10	-1.506	-1.403	-1.335	-1.322	-1.377	-1.493	-1.633	-1.743	-1.774	-1.712
4021	40.20	-1.592	-1.483	-1.454	-1.531	-1.669	-1.758	-1.665	-1.297	-0.656	0.142
4031	40.30	0.898	1.394	1.481	1.129	0.445	-0.375	-1.116	-1.627	-1.855	-1.855
4041	40.40	-1.737	-1.611	-1.539	-1.521	-1.514	-1.473	-1.383	-1.261	-1.146	-1.058
4051	40.50	-0.979	-0.853	-0.616	-0.246	0.211	0.642	0.904	0.892	0.600	0.136
4061	40.60	-0.303	-0.507	-0.343	0.188	0.935	1.655	2.097	2.098	1.637	0.842
4071	40.70	-0.066	-0.849	-1.330	-1.429	-1.174	-0.663	-0.024	0.625	1.195	1.633
4081	40.80	1.918	2.056	2.081	2.056	2.059	2.164	2.414	2.792	3.222	3.584
4091	40.90	3.757	3.661	3.294	2.726	2.082	1.490	1.042	0.764	0.621	0.535
4101	41.00	0.425	0.229	-0.076	-0.474	-0.922	-1.358	-1.718	-1.943	-1.993	-1.864
4111	41.10	-1.596	-1.267	-0.979	-0.818	-0.814	-0.927	-1.045	-1.038	-0.810	-0.356
4121	41.20	0.220	0.737	1.001	0.892	0.416	-0.291	-1.012	-1.533	-1.724	-1.578
4131	41.30	-1.202	-0.750	-0.358	-0.089	0.074	0.196	0.331	0.490	0.630	0.685
4141	41.40	0.615	0.441	0.241	0.118	0.138	0.295	0.500	0.623	0.555	0.261
4151	41.50	-0.191	-0.668	-1.022	-1.165	-1.103	-0.927	-0.764	-0.711	-0.790	-0.936
4161	41.60	-1.035	-0.982	-0.730	-0.318	0.154	0.563	0.815	0.874	0.766	0.551
4171	41.70	0.295	0.048	-0.161	-0.314	-0.390	-0.362	-0.208	0.070	0.430	0.794
4181	41.80	1.068	1.179	1.101	0.875	0.588	0.347	0.232	0.266	0.414	0.589
4191	41.90	0.694	0.649	0.415	0.003	-0.533	-1.113	-1.649	-2.063	-2.298	-2.333
4201	42.00	-2.184	-1.908	-1.581	-1.287	-1.079	-0.969	-0.919	-0.858	-0.711	-0.438
4211	42.10	-0.051	0.379	0.753	0.975	0.994	0.819	0.514	0.173	-0.120	-0.313
4221	42.20	-0.399	-0.403	-0.365	-0.319	-0.284	-0.269	-0.284	-0.343	-0.463	-0.645
4231	42.30	-0.865	-1.065	-1.170	-1.116	-0.887	-0.532	-0.158	0.104	0.155	-0.029
4241	42.40	-0.375	-0.731	-0.926	-0.825	-0.391	0.311	1.136	1.915	2.523	2.913
4251	42.50	3.118	3.224	3.311	3.420	3.530	3.578	3.500	3.268	2.911	2.504
4261	42.60	2.133	1.854	1.663	1.499	1.266	0.887	0.335	-0.345	-1.049	-1.652
4271	42.70	-2.046	-2.181	-2.073	-1.797	-1.455	-1.149	-0.949	-0.887	-0.956	-1.119
4281	42.80	-1.326	-1.529	-1.691	-1.794	-1.835	-1.830	-1.793	-1.734	-1.648	-1.511
4291	42.90	-1.296	-0.986	-0.595	-0.168	0.220	0.495	0.613	0.584	0.478	0.403
4301	43.00	0.464	0.719	1.151	1.671	2.145	2.447	2.505	2.326	1.989	1.609
4311	43.10	1.285	1.066	0.931	0.810	0.618	0.304	-0.125	-0.594	-0.991	-1.207
4321	43.20	-1.177	-0.909	-0.479	-0.010	0.368	0.563	0.544	0.350	0.072	-0.181
4331	43.30	-0.315	-0.281	-0.088	0.206	0.515	0.760	0.886	0.884	0.781	0.626
4341	43.40	0.463	0.319	0.190	0.054	-0.120	-0.347	-0.619	-0.903	-1.158	-1.344
4351	43.50	-1.446	-1.472	-1.450	-1.412	-1.378	-1.344	-1.285	-1.171	-0.977	-0.704
4361	43.60	-0.382	-0.062	0.194	0.333	0.323	0.158	-0.146	-0.556	-1.027	-1.505
4371	43.70	-1.927	-2.227	-2.344	-2.242	-1.928	-1.467	-0.975	-0.596	-0.461	-0.637
4381	43.80	-1.097	-1.714	-2.297	-2.647	-2.624	-2.199	-1.464	-0.600	0.179	0.709
4391	43.90	0.920	0.857	0.653	0.477	0.468	0.696	1.141	1.717	2.305	2.796
4401	44.00	3.121	3.254	3.212	3.033	2.763	2.444	2.113	1.799	1.525	1.301
4411	44.10	1.126	0.980	0.832	0.649	0.399	0.069	-0.336	-0.787	-1.234	-1.612
4421	44.20	-1.851	-1.887	-1.686	-1.255	-0.654	0.006	0.595	0.991	1.126	1.008
4431	44.30	0.722	0.399	0.174	0.138	0.311	0.639	1.022	1.353	1.554	1.589
4441	44.40	1.462	1.197	0.827	0.381	-0.107	-0.587	-0.995	-1.259	-1.333	-1.213
4451	44.50	-0.953	-0.649	-0.402	-0.277	-0.277	-0.346	-0.398	-0.368	-0.238	-0.056
4461	44.60	0.098	0.150	0.078	-0.074	-0.215	-0.252	-0.139	0.101	0.379	0.582
4471	44.70	0.624	0.482	0.200	-0.130	-0.420	-0.617	-0.720	-0.772	-0.827	-0.918
4481	44.80	-1.044	-1.169	-1.243	-1.224	-1.093	-0.860	-0.555	-0.220	0.095	0.338
4491	44.90	0.459	0.424	0.230	-0.080	-0.413	-0.651	-0.693	-0.494	-0.103	0.351

Table 7-27-10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 2053 S707-GR-1-9 HB. (HB.) KUJIGAWA EMB. MAX. ACC. = -64.615 (GAL) T= 0.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.696	0.785	0.562	0.087	-0.481	-0.948	-1.157	-1.057	-0.717	-0.289
4511	45.10	0.054	0.198	0.128	-0.073	-0.263	-0.313	-0.155	0.192	0.641	1.076
4521	45.20	1.403	1.578	1.616	1.563	1.473	1.377	1.281	1.166	1.016	0.826
4531	45.30	0.613	0.407	0.241	0.134	0.084	0.073	0.073	0.052	-0.009	-0.120
4541	45.40	-0.276	-0.463	-0.655	-0.823	-0.941	-0.990	-0.973	-0.910	-0.837	-0.795
4551	45.50	-0.808	-0.878	-0.976	-1.049	-1.046	-0.932	-0.709	-0.411	-0.092	0.194
4561	45.60	0.420	0.591	0.741	0.907	1.113	1.346	1.560	1.698	1.714	1.600
4571	45.70	1.397	1.179	1.028	0.996	1.085	1.243	1.384	1.422	1.306	1.035
4581	45.80	0.655	0.239	-0.143	-0.445	-0.650	-0.765	-0.799	-0.755	-0.629	-0.421
4591	45.90	-0.154	0.115	0.306	0.338	0.164	-0.198	-0.669	-1.120	-1.422	-1.493
4601	46.00	-1.327	-1.000	-0.641	-0.383	-0.317	-0.461	-0.758	-1.105	-1.393	-1.546
4611	46.10	-1.547	-1.428	-1.253	-1.088	-0.972	-0.904	-0.855	-0.781	-0.654	-0.471
4621	46.20	-0.267	-0.097	-0.018	-0.061	-0.219	-0.440	-0.649	-0.771	-0.764	-0.639
4631	46.30	-0.454	-0.295	-0.240	-0.325	-0.522	-0.752	-0.913	-0.923	-0.756	-0.451
4641	46.40	-0.100	0.192	0.351	0.356	0.248	0.103	-0.001	-0.015	0.069	0.224
4651	46.50	0.414	0.607	0.790	0.958	1.100	1.189	1.194	1.092	0.896	0.666
4661	46.60	0.493	0.464	0.618	0.918	1.254	1.484	1.496	1.264	0.870	0.482
4671	46.70	0.280	0.387	0.807	1.418	2.016	2.393	2.419	2.084	1.503	0.861
4681	46.80	0.345	0.078	0.082	0.289	0.579	0.825	0.936	0.882	0.683	0.402
4691	46.90	0.117	-0.100	-0.196	-0.148	0.022	0.257	0.465	0.551	0.445	0.136
4701	47.00	-0.313	-0.777	-1.108	-1.183	-0.959	-0.493	0.070	0.542	0.757	0.624
4711	47.10	0.157	-0.534	-1.280	-1.909	-2.290	-2.362	-2.140	-1.698	-1.145	-0.602
4721	47.20	-0.177	0.055	0.061	-0.140	-0.477	-0.845	-1.133	-1.258	-1.195	-0.984
4731	47.30	-0.716	-0.497	-0.407	-0.465	-0.625	-0.802	-0.912	-0.911	-0.818	-0.697
4741	47.40	-0.622	-0.637	-0.725	-0.816	-0.819	-0.671	-0.376	-0.011	0.304	0.460
4751	47.50	0.409	0.196	-0.059	-0.208	-0.166	0.147	0.589	1.030	1.317	1.359
4761	47.60	1.162	0.831	0.518	0.361	0.426	0.678	1.002	1.249	1.299	1.103
4771	47.70	0.699	0.192	-0.291	-0.645	-0.818	-0.817	-0.694	-0.515	-0.336	-0.191
4781	47.80	-0.085	-0.013	0.038							

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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5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362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5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）	179	126（251）	31（398）	22（113）
河川施設 （堤防，堰，水門）	52	25（ 51）	6（ 40）	21（ 51）
ダム施設	125	25（ 54）	59（562）	41（102）
下水道施設 （管渠，処理場）	6	6（ 13）	0（ 0）	0（ 0）
合計	362	182（369）	96（1000）	84（266）

Table　A 1－2　道路施設への強震計設置状況（機関別）

平成5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	42	27（ 55）	8（ 93）	7（ 29）
北海道開発局	27	20（ 42）	6（ 42）	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	50	44（ 89）	2（ 16）	4（ 14）
合計	179	126（251）	31（398）	22（113）

Table A 1−3 河川施設への強震計設置状況（機関別）

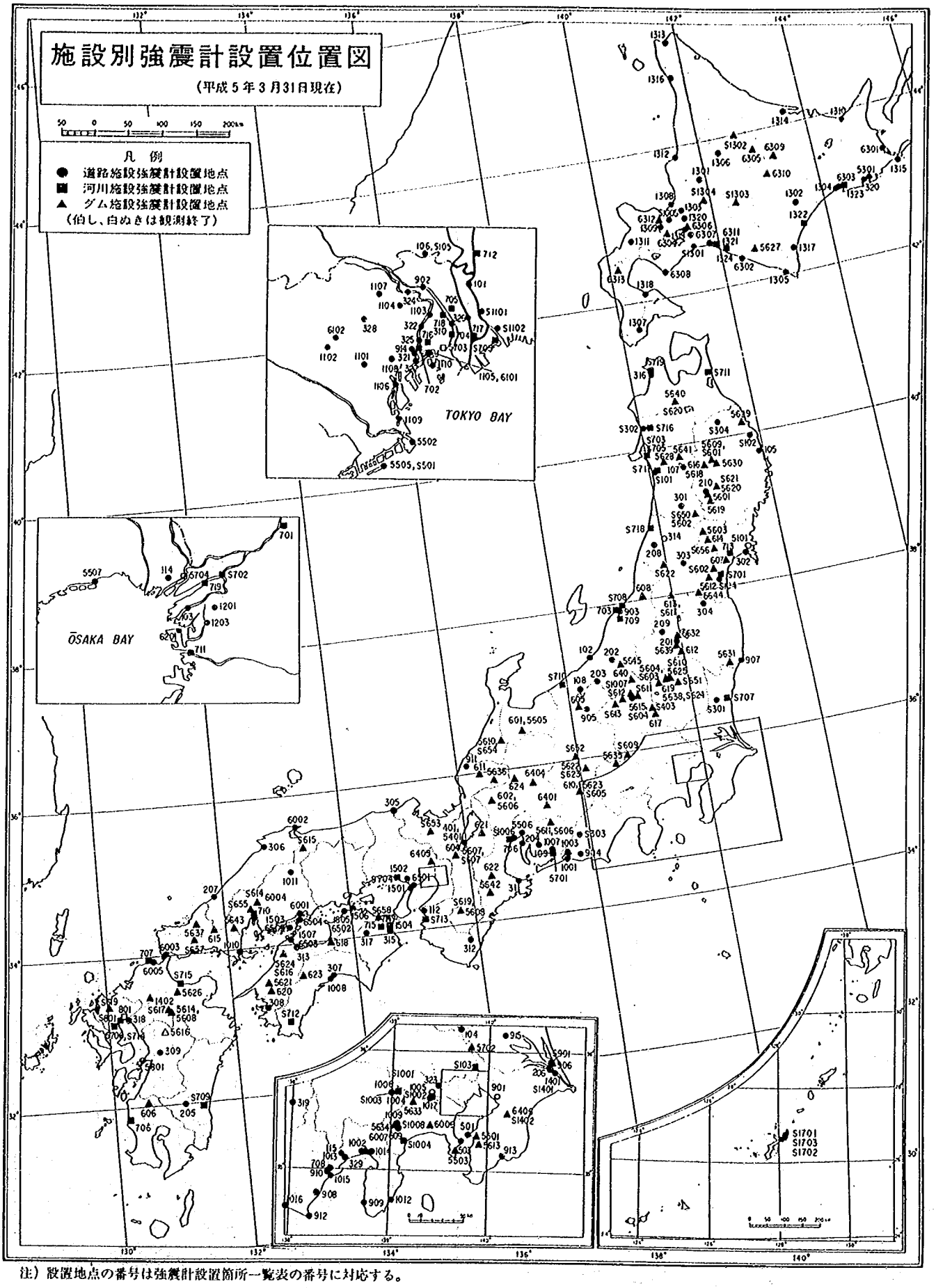
平成5年3月31日現在

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	38	14 (29)	5 (31)	19 (47)
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	52	25 (51)	6 (40)	21 (51)

Table A 1−4 ダム施設への強震計設置状況（機関別）

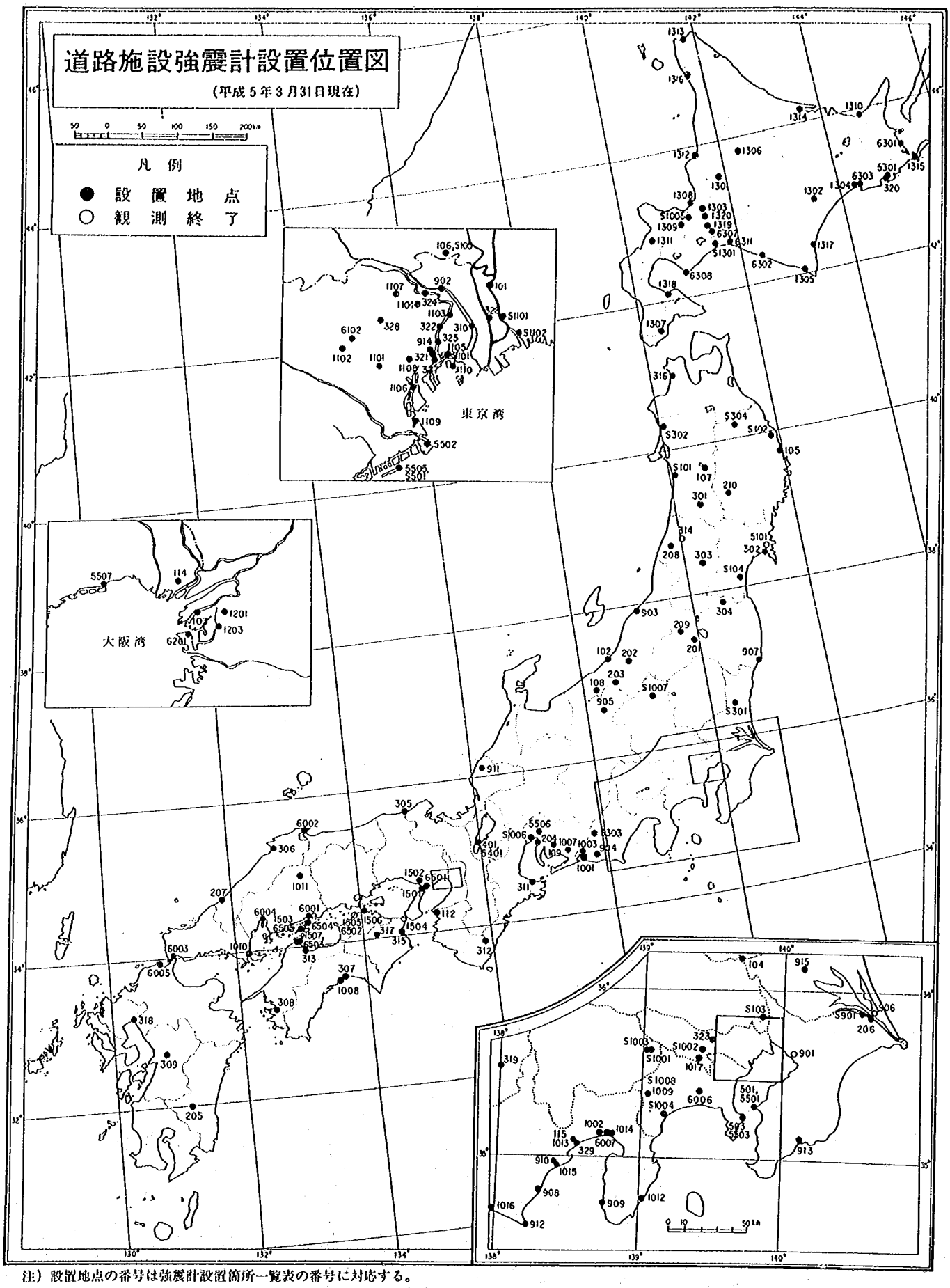
平成5年3月31日現在

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	70	15 (33)	31 (289)	24 (66)
北海道開発局	10	0 (0)	7 (79)	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	125	25 (54)	59 (562)	41 (102)



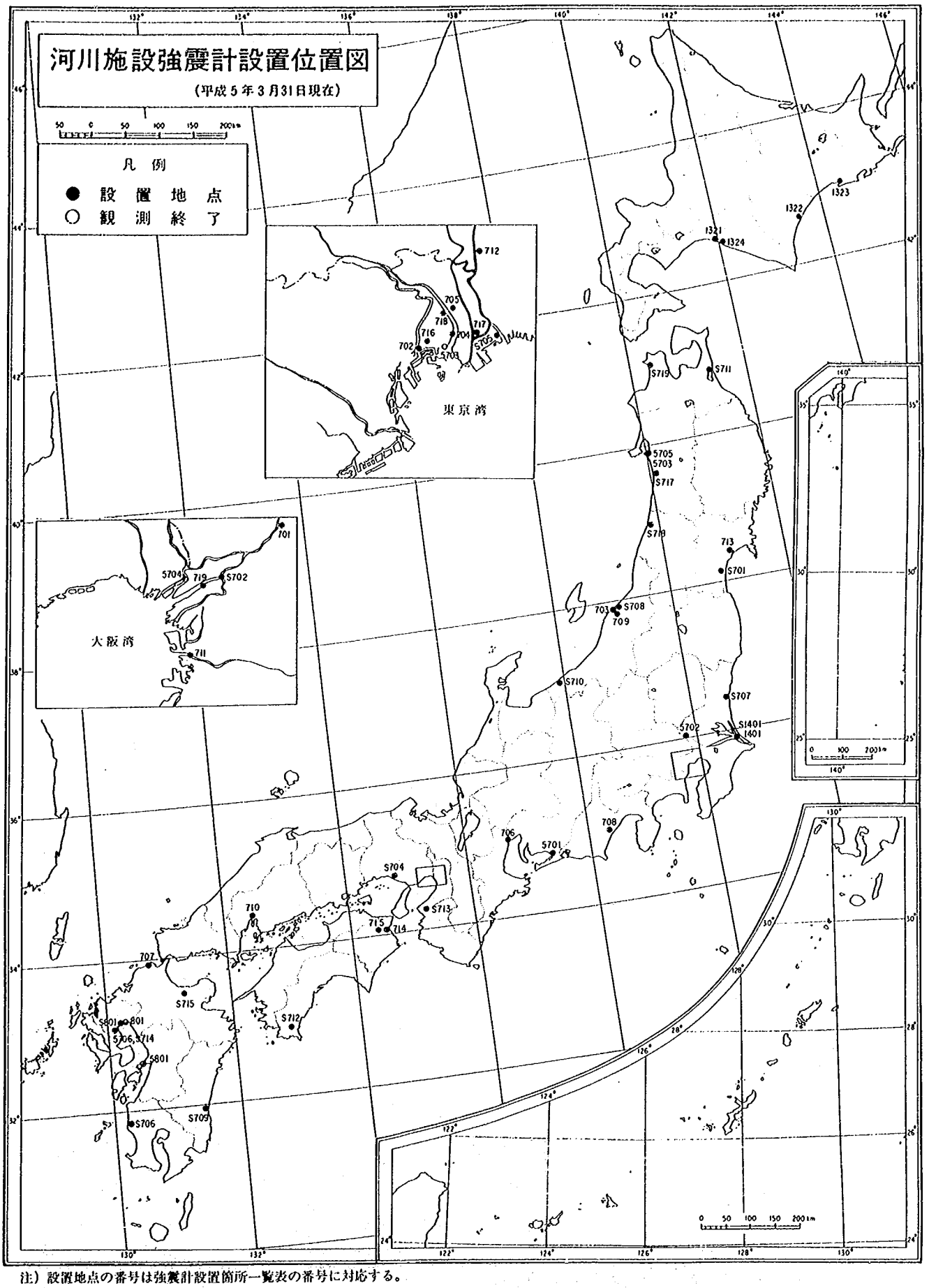
注) 設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A-1—1 施設別強震計設置位置図 (平成5年3月31日現在)



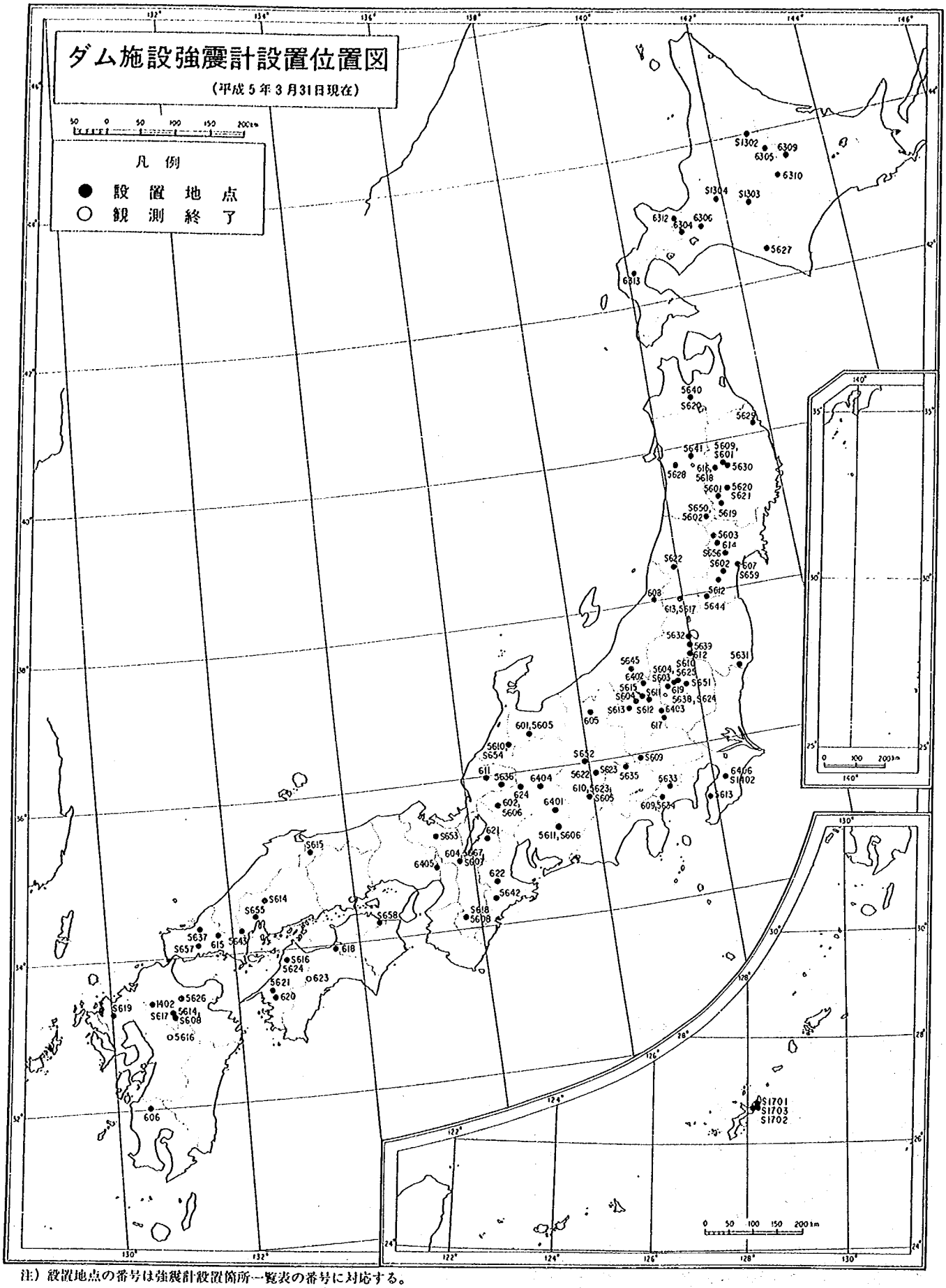
注) 設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A 1—2 道路施設強震計設置位置図 (平成5年3月31日現在)



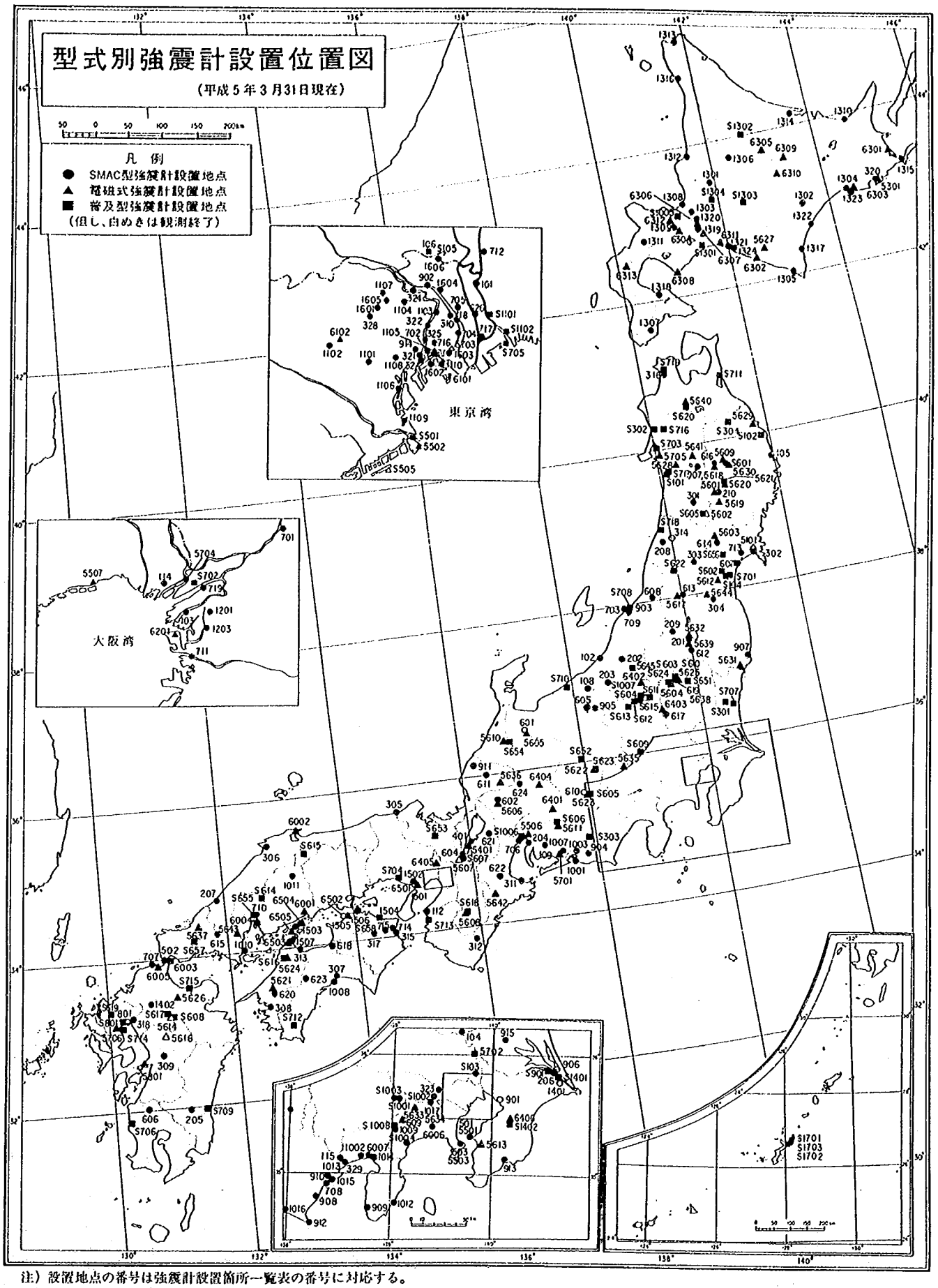
注) 設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A 1—3 河川施設強震計設置位置図 (平成5年3月31日現在)



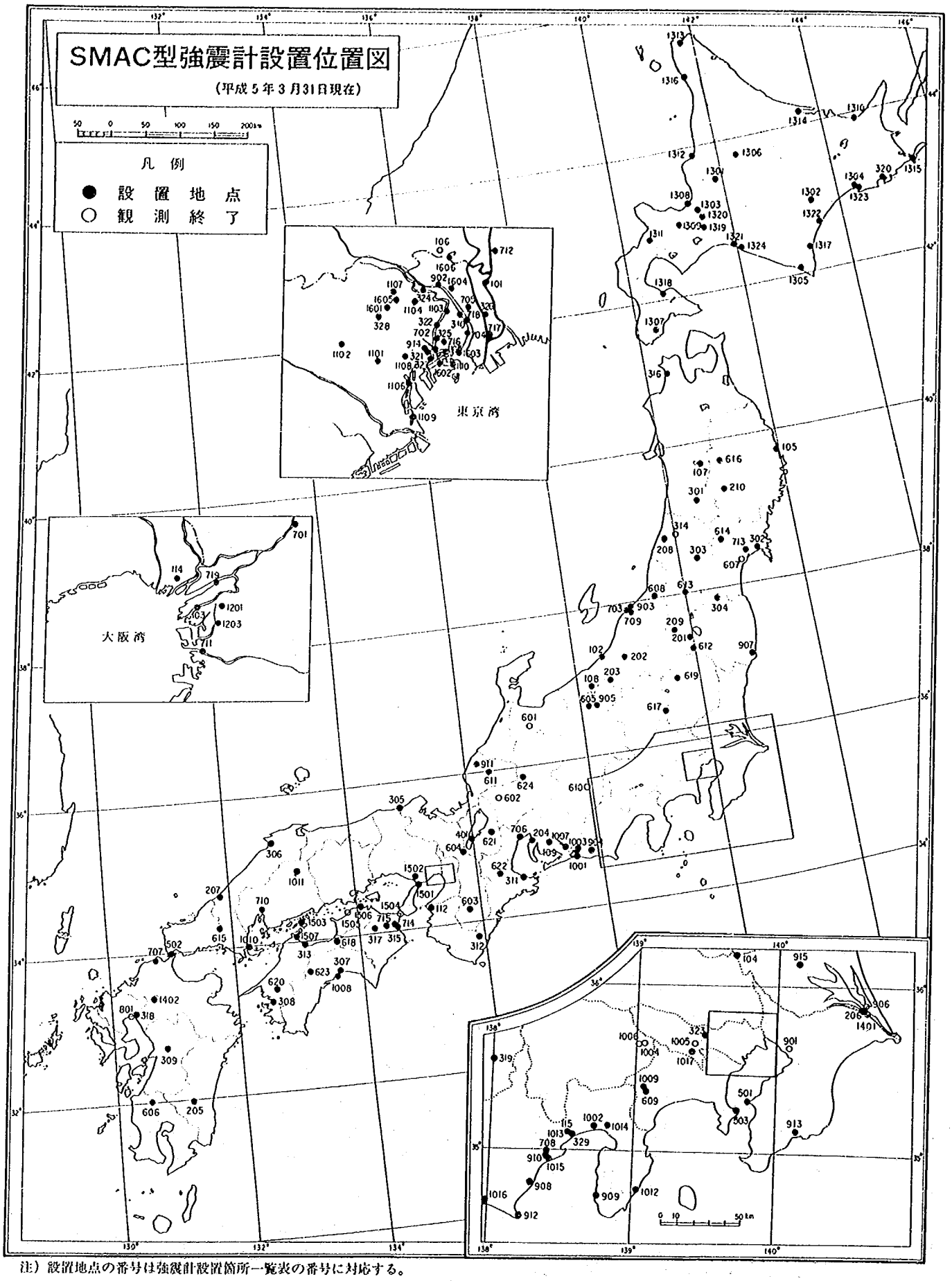
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A 1—4 ダム施設強震計設置位置図（平成5年3月31日現在）



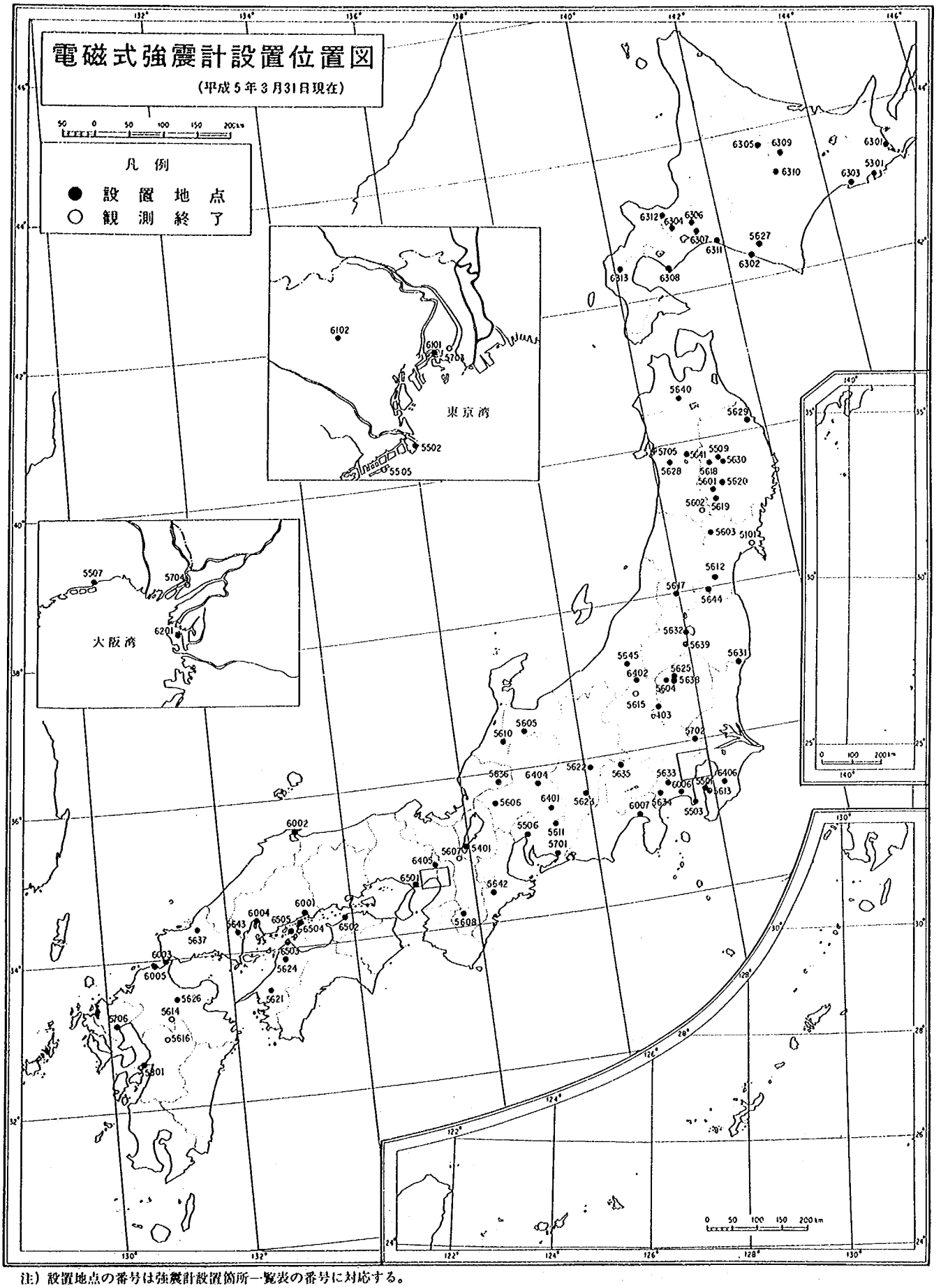
注) 設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A 1—5 型式別強震計設置位置図 (平成5年3月31日現在)



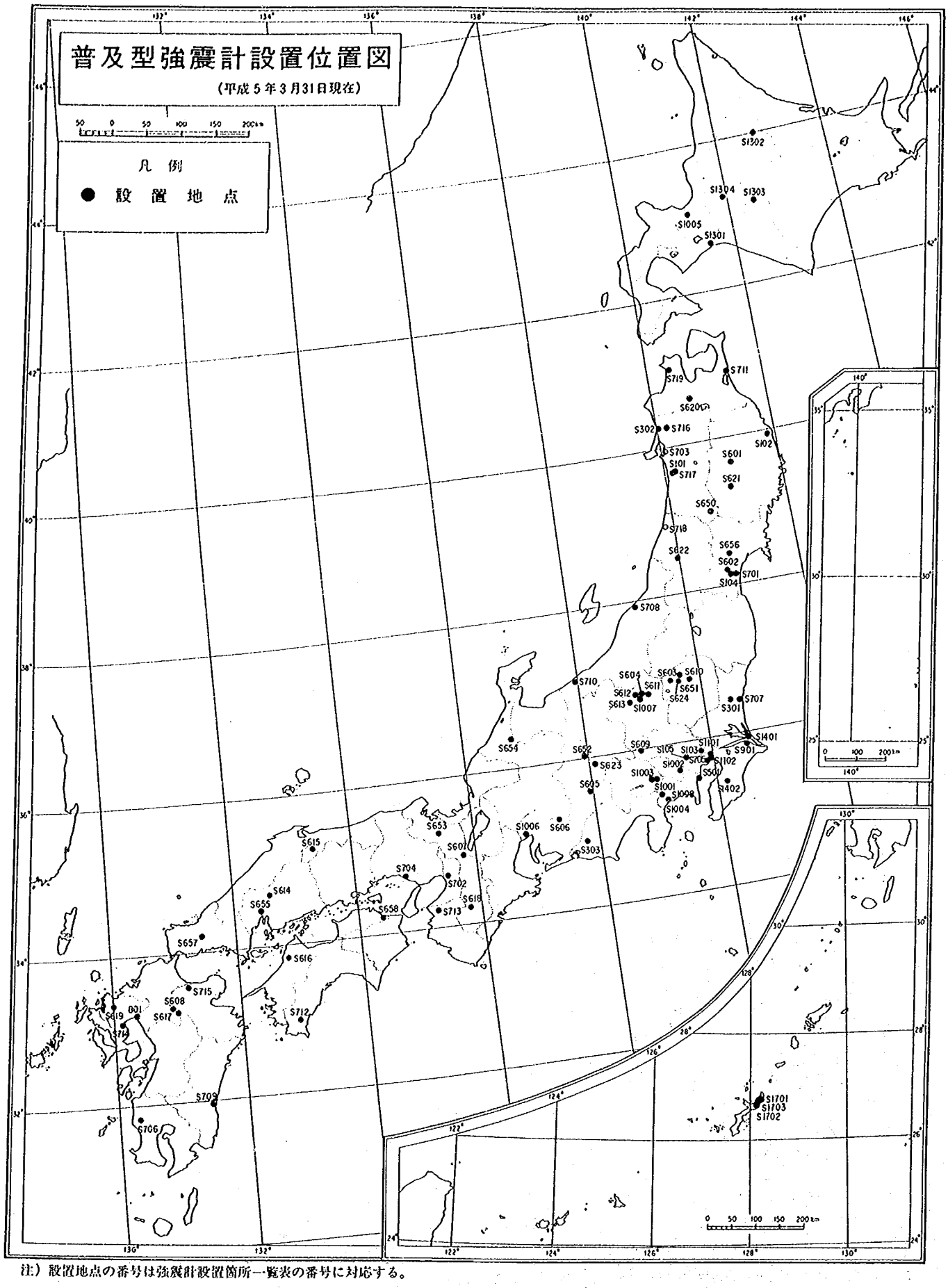
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A 1—6 SMAC 型強震計設置位置図（平成 5 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 A 1—7 電磁式強震計設置位置図 (平成5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 A 1—8 普及型強震計設置位置図（平成5年3月31日現在）

Table A 1--5(1) SMAC 型強震計設置箇所一覧表

平成5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 長 島 橋	B2	2	地盤・橋脚	千葉	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	(H 4. 観測終了)	埼玉	大宮国道	43-2
107	宝 風 橋	Q	3	地盤・橋脚・1F	秋田	秋田工事	51-3
108	妙 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	計器管理移え(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	〃	宮城	小林土木	40-3
206	小 見 川 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	雄 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	河 北 橋	B2, Q	2	〃	山形	寒河江建設	昭二品
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	妙 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	坂 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 鎚 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	末 広 大 橋	Q	2	地盤・橋脚	徳島	徳島土木	51-5
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	柳川土木	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	御 大 橋	〃	3	地盤・橋脚(2)	東京	東京都土研	50-3
322	厩 橋	〃	2	地盤・脚橋	〃	〃	〃
323	関 戸 橋	〃	2	〃	〃	〃	〃
324	尾 久 橋	〃	2	〃	〃	〃	〃
325	新 大 橋	〃	2	〃	〃	〃	53-3
326	上 一 色 橋	〃	2	〃	〃	〃	〃
327	象 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

No.	観測所名	型式	台数	設置箇所	県名	維持管理	設置年月
	6. 開発課						
601	宝 牧 ダ ム	B2	2	(S 59. 観測終了)	富山	管理所(県)	36-8
602	横 山 ダ ム	Q	2	(H 4. 観測終了)	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	宮 花 ダ ム	D,EQ	3	地盤・堤頂(2)	長野	〃 (県)	44
606	鶴 田 ダ ム	D	2	地盤・堤頂	鹿児島	〃 (建)	43-11
607	樽 水 ダ ム	E2	2	(H 4. 観測終了)	宮城	〃 (県)	50-12
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	(S 56. 観測終了)	長野	〃 (建)	43-12
611	真 名 川 ダ ム	(H4.3 観測終了後に更新)			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	湊 沢 ダ ム	〃	2	〃	宮城	〃 (県)	55-3
615	島 地 川 ダ ム	〃	2	地盤・堤頂	山口	山口工事(建)	56-2
616	葬 所 ダ ム	〃	2	堤体(頂・底)	岩手	管理所(〃)	55-11
617	刻 生 川 ダ ム	E2	2	〃	群馬	刻生土木(県)	57-3
618	徳 源 ダ ム	E2, Q	2	堤体(頂・中)	愛媛	管理所(建)	57-3
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	岩 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	遠 賀 川 河 口 堰	〃	3	本体(2)・地盤	福岡	遠賀川工事	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	51-3
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	(S 60. 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	37-2
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	〃	長野	長野国道(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)	52-3
909	賀 見 大 橋	〃	2	地盤・橋脚	〃	下田土木(委)	53-3
910	駿 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	天 津 跨 線 橋	〃	3	地盤(2)・橋脚	千葉	鴨川土木(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 A 1—5(2) SMAC型強震計設置箇所一覧表

平成5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
	10. 日本道路公団						
1001	浜松大橋	E2	3	地盤・橋脚・橋桁	静岡	静岡管理所	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	(S60.3 観測終了)巻に更新			山梨	大月管理所	42—3
1005	桂久保橋	〃	2	地盤・橋脚	東京	八王子管理所	42—3
1006	鶴川橋	〃	2	〃	山梨	大月管理所	42—3
1007	東名・豊川橋	B2	2	地盤・橋脚	愛知	豊川管理所	43—3
1008	神戸大橋	E2	3	地盤・橋脚(2)	兵庫	神戸大橋管理所	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	帝釈川橋	E2	2	橋台・橋桁	広島	三次管理所	53—8
1012	東伊豆稲取	〃	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(護国寺)	〃	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(羽田沖底トンネル)	〃	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	西宮堺高架橋	B2	2	地盤・橋脚	大阪	大阪管理所	40—5
1202							
1203	南岸寺高架橋	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	設置箇所	県名	維持管理	設置年月
	13. 北海道開発局						
1301	空知大橋	Q	2	地盤・橋台	空知	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	大雪七橋	〃	2	〃	上川	〃	42—10
1305	後潤橋	〃	2	〃	日高	〃	42—12
1306	旭川大橋	〃	2	〃	石狩	〃	44
1307	七蛇橋	〃	2	〃	渡島	〃	43—12
1308	石狩河口橋	〃	3	地盤・橋脚・橋桁	石狩	〃	45—3
1309	振老根大橋	D	2	地盤・橋脚	石狩	〃	44—10
1310	斜里大橋	D,E2	2	地盤・橋台	網走	〃	45—10
1311	磯谷橋	D	2	〃	後志	〃	45—11
1312	瀬棚橋	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	上鳥崎橋	〃	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	53—10
1322	大津築堤	Q	2	地盤・堤体	十勝	帯広開発建設部	55—1
1323	釧路川堤防	〃	2	〃	釧路	釧路開発建設部	57—1
1324	沙流川堤防	Q	2	地盤・堤体	日高	室蘭開発建設部	57—11
	14. 水資源開発公団						
1401	利根川河口堰	D	2	(S59. 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	(S60.11 観測終了)			徳島	〃	37—8
1505	番ノ洲	〃	1	〃	香川	撤去	39—
1506	高松	(S47.12 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 A 1−6(1) 電磁式強震計設置箇所一覧表

平成5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	新鮫野川橋	PK−130	15	(S61.3 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	WS3003	9	0m(3)・−70m(3)・−110m(3)	千葉	東京湾岸道路調査事務所	44−10
5502	浮島公園	〃	12	0m(3)・−27m(3)・−67m(3)・−127m(2)	神奈川	〃	45−1
5503	観音崎	〃	9	0m(3)・−80m(3)・−120m(3)	〃	〃	46−3
5504	南港			計器管理替え (6201)			
5505	扇島	WS3003	12	(S58. 観測終了)⑱に更新	神奈川	東京湾岸道路調査事務所	49−3
5506	金城埠島	WS3203	9	0m(3)・−45m(3)・−114m(3)	愛知	名四国道工事事務所	50−7
5507	深江	WS3302	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	(S57.3 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	(S54. 観測終了)	京都	天ケ瀬ダム管理所(〃)	39−12
5608	狭谷ダム	PK−130	5	堤体(5)	奈良	狭谷ダム管理所(〃)	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	〃	16	岩盤(3)・堤体 (頂(4)・中(4)・底(2))	愛知	矢作ダム管理所(建)	46−3
5612	益房ダム	〃	6	岩盤(3)・堤頂(3)	宮城	益房ダム管理所(〃)	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			(S63. 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			(S63. 観測終了)	群馬	藤原ダム管理所(〃)	49−1
5616	阿蘇立野			(S50.12 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	美和ダム	PK−130	3	堤中(3)	長野	美和ダム管理所(〃)	53−9
5623	小渋ダム	PK−130II	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(〃)	56.8.57-3
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
5634	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(1)	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), 右岸導(3), 右岸横抗(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	蓮ダム	〃	9	リムグラウト(3), 堤体 (頂(3), 底(3))	三重	蓮ダム工事事務所(建)	63−3
5643	弥栄ダム	〃	12	左岸グラウド(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
5645	三国川ダム	〃	15	堤体 (頂(3), 中(6), 底(3)), リムトンネル(6)	新潟	三国川ダム管理所	3−9
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	(S61. 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	武雄工事河口堰管理支所	
8．海岸課							
5801	大矢野島			(S60. 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 A 1--6(2) 電磁式強震計設置箇所一覧表

平成5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	岩戸大橋	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	東京保安部設計課	59−3
6102	4号線(永福町)	STBII	9	〃	〃	〃	51−2
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	鹿網跨線橋	PTK−130	9	地盤(3)・地中(3)・フーチング横(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
6310	十勝ダム		12	堤体(頂(3)・中(3)・底(3)), 地盤(3)	〃	十勝ダム管理所	
6311	新浜厚真橋		9	−3m(3), −48m(3), 橋脚(3)	〃	北海道開発局	元−
6312	定山渓ダム		15	地盤(6), 堤体(頂(3)・中(3)・底(3))	〃	定山渓ダム管理所	
6313	美利河ダム		9	地盤(3), 堤体(頂(3)・底(3))	〃	美利河ダム管理所	
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	55−3
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(6)・中(3)・底(3))	兵庫	一庫ダム管理所	57−3
6406	長柄ダム	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(2)	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5年3月31日現在

No.	観測所名	型式	成分数	設置箇所	県名	管理	設置年月
1. 国道第一道							
S101	里見大橋	SM-10A	3	地盤・橋脚(2)	秋田	秋田工事事務所	59-11
S102	黒檜大橋	〃	3	地盤・橋脚・橋桁	岩手	三陸国道工事事務所	59-12
S103	三郷インターチェンジ	〃	6	-5m・-51m・基礎(2)・橋脚(2)	埼玉	北首都国道工事事務所	60-1
S104	横木高架橋	〃	5	地盤・地中・基礎・橋脚(2)	宮城	仙台工事事務所	61-3
S105	草加高架橋	SM-12	2	地盤・橋脚	埼玉	大宮国道工事事務所	4-3
3. 地方道路							
S301	千代橋	SAMTAC-160	5	-22m・橋脚(2)・橋桁(2)	茨城	水戸土木事務所	63-9
S302	能代大橋	SM-10B	3	地盤・地中・橋脚	青森	山本工事事務所	元-10
S303	宮川橋	〃	3	地中・橋脚・橋桁	静岡	天竜土木事務所	3-2
S304	丸木橋大橋	SM-12	3	地盤・橋脚・橋桁	岩手	一関土木事務所	
5. 道路企画課							
S501	扇島	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							
S601	四十四田ダム	SM-10	2	堤体(頂・中)	岩手	北上川ダム統管(越)	56-12
S602	益男ダム	SM-10A	2	地盤・堤頂	宮城	益男ダム管理所(ル)	57-4
S603	川俣ダム	〃	2	〃	栃木	川俣ダム管理所(ル)	57
S604	藤原ダム	SM-10, 10B	2, 3	堤体(中(2), 底(2)), 地盤	群馬	藤原ダム管理所(ル)	56-3, 元-2
S605	小渡ダム	SM-10A	2	地盤・堤頂	長野	天竜川ダム統管(ル)	57-7
S606	矢作ダム	SMA-TB	1	地盤	愛知	矢作ダム管理所(ル)	57-5
S607	天ケ瀬ダム	SM-10	3	地盤・堤体(中・底)	京都	天ケ瀬ダム管理所(ル)	57-3
S608	下筌ダム	SM-10, 10B	2, 2	堤体(頂(2), 底(2))	熊本	松原下筌ダム管理事務所(ル)	57-3, 元-12
S609	二瀬ダム	SM-10A	3	地盤, 堤体(頂, 底)	埼玉	二瀬ダム管理所(ル)	61-
S610	五十里ダム	SM-10A	3	〃	栃木	五十里ダム管理支所(ル)	61-
S611	藤原ダム	SM-10A	3	〃	群馬	藤原ダム管理支所(ル)	61-
S612	相俣ダム	SM-10A	3	〃	〃	相俣ダム管理支所(ル)	61-
S613	品木ダム	SM-10A	2	堤体(頂, 底)	〃	品木ダム水質管理所(ル)	61-
S614	土師ダム	SM-10A	3	地盤・監査廊・天端	広島	土師ダム管理所(ル)	61-
S615	菅沢ダム	SM-10A	3	地盤・監査廊・天端	鳥取	菅沢ダム管理所(ル)	61-
S616	石手川ダム	SM-10A	1	監査廊	愛媛	石手川ダム管理支所(ル)	61-
S617	松原ダム	SM-10A	2	堤体(頂・底)	大分	松原ダム管理支所(ル)	61-
S618	猿谷ダム	SM-10A, 10B	3	地盤・堤体(頂・底)	奈良	猿谷ダム管理所(ル)	63-2
S619	熊木ダム	SA-355CT	3	堤体(頂・底)・グラウトトンネル	佐賀	熊木ダム管理所(ル)	62-3
S620	浅瀬石川ダム	〃	3		青森	浅瀬石川ダム管理所(ル)	62-3
S621	田瀬ダム	SM-10B	2	堤体(頂・底)	岩手	田瀬ダム管理所	62-12
S622	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(ル)	2-
S623	美和ダム	SMAC-10B	2	堤体(頂・底)	長野	美和ダム管理支所(ル)	元-11
S624	川治ダム	SMAC-MD	3	地盤・堤体(頂・底)	栃木	川治ダム管理所(ル)	
S650	皆瀬ダム	SM-10A	6	地盤・堤頂・地中(4台)	秋田	皆瀬ダム管理所(県)	57-3, 60-3
S651	寺山ダム	〃	3	地盤・堤体(頂・底)	栃木	那珂川水系ダム統管(ル)	57-10
S652	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(ル)	57-1
S653	大野ダム	〃	1	堤中	京都	大野ダム管理事務所(ル)	57-3
S654	犀川ダム	〃	1	堤頂	石川	犀川ダム管理事務所(ル)	56-10
S655	魚切ダム	〃	3	地盤・堤体(頂・底)	広島	魚切ダム管理事務所(ル)	57-3
S656	七北田ダム		2		宮城	七北田ダム管理事務所(ル)	
S657	荒谷ダム	SM-10B	2	地盤・天端	山口	椹野川総合開発事務所(ル)	62-10
S658	土足ダム	〃	2	堤体(頂・底)	香川	長柄土木事務所(ル)	63-3
S659	樽水ダム	SM-12	2	堤体(頂・底)	宮城	樽水ダム管理事務所	4-3
7. 治水課							
S701	阿武隈大堰	SM-10A	2	堰中(2)	宮城	仙台工事事務所	58-3
S702	淀川大堰	SM-10A	3	地盤・堰柱(2)	大阪	淀川工事事務所	58-4
S703	八郎潟干拓堤防	SAMTAC-17S	2	地盤・堤体	秋田		61-12
S704	加古川大堰	SM-10A	2	地盤・堰柱	兵庫	姫路工事事務所	62-
S705	荒川堤防	SM-10B	3	地中(2)・天端	東京	荒川下流工事事務所	63-3
S706	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
S707	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
S708	備後川堤防	SM-10B	2	地中・天端	新潟	信濃川下流工事事務所	2-3
S709	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
S710	姫川堤防	SM-10B	1	地盤	新潟	高田工事事務所	元-11
S711	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
S712	渡川堤防	SAMTAC-15X	3	地盤・地中・天端	高知	中村工事事務所	2-12
S713	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	
S714	六角川河口堰	SM-10B	1	堰柱	佐賀	武雄工事事務所	
S715	中津大堰	SM-10B	2	地盤・堰柱	大分	山国川ダム堰総合管理事務所	
S716	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
S717	雄物川堤防	SMAC-MD	2	地中・天端	秋田	秋田工事事務所	4-
S718	最上川堤防	〃	3	地盤・地中・天端	山形	酒田工事事務所	4-
S719	岩木川堤防	〃	3	地盤・地中・天端	青森	青森工事事務所	5-
8. 海岸課							
S801	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							
S901	水輪大橋	SAMTAC-85E	6	-15m・主桁内(3), 塔柱(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	境久保橋	〃	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	真鶴管理事務所	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	塔柱(2)・主桁内(5)・下部工天端(2)・ケーソン埋込	愛知	桑名管理事務所	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	西湘出張所管理所	
11. 首都高速道路公団							
S1101	鶴浦ハーブ橋	SA-255CT SA-355CT		13箇所32成分	東京		62-10
S1102	葛西三郷間連絡橋	SA-255CT SA-355CT		25箇所58成分	東京		62-10
13. 北海道開発局							
S1301	錦岡橋	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	1F	〃	岩尾内ダム管理所	57-7
S1303	金山ダム	SMA-TB	1	堤底	〃	金山ダム管理所	57-3
S1304	桂沢ダム	〃	1	〃	〃	桂沢ダム管理所	57-5
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	宮波ダム	SM-10A	2	堤体(頂・底)	沖縄	宮波ダム管理所	58-3
S1702	福地ダム	〃	1	地盤	〃	福地ダム管理所	58-3
S1703	普久川ダム	〃	2	堤体(頂・底)	〃	北部ダム総合管理事務所	

付録－2　強震計の特性

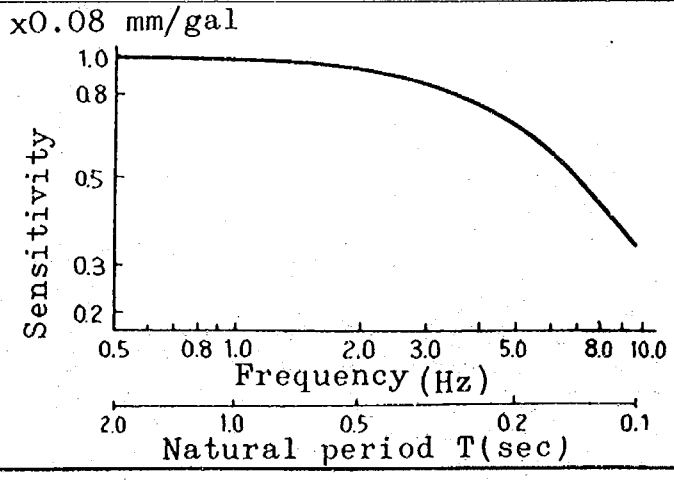
本資料に収録した地震計の加速度記録は，SMAC－B2 型，SMAC－D 型，SMAC－E2 型，SMAC－Q 型，電磁式強震計，普及型強震計のいずれかの型式の強震計により記録されたものである。

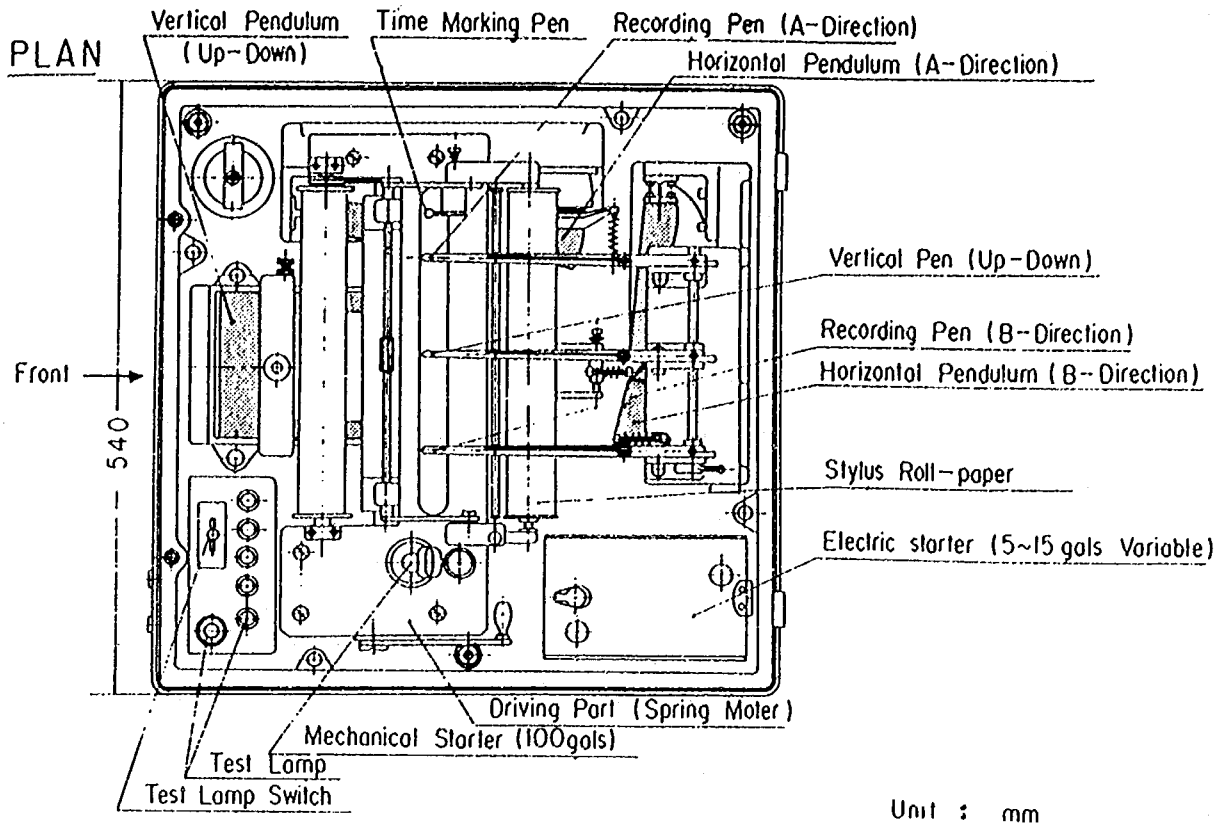
これらの強震計の公称の特性及び構造の概略を Table A 2－1～Table A 2～5，及び Figure A 2－1～Figure A 2－5 に示す。

ここで，

Table	A 2－1	SMAC－B2 型強震計の特性
Figure	A 2－1	SMAC－B2 型強震計の構造
Table	A 2－2	SMAC－D 型強震計の特性
Figure	A 2－2	SMAC－D 型強震計の構造
Table	A 2－3	SMAC－Q 型強震計の特性
Figure	A 2－3	SMAC－Q 型強震計の構造
Table	A 2－4	電磁式強震計の特性
Figure	A 2－4	電磁式強震計の構造
Table	A 2－5	普及型強震計の特性
Figure	A 2－5	普及型強震計の構造

Table A 2−1 Strong-Motion Accelerograph, SMAC-B 2

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 : ×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 3 V×4 (JIS No. FM 5)
Console	Aluminum alloy
Dimension	540 (width)×540 (length)×370 (height) mm
Net weight	Approximately 100 kg
Frequency Characteristics	



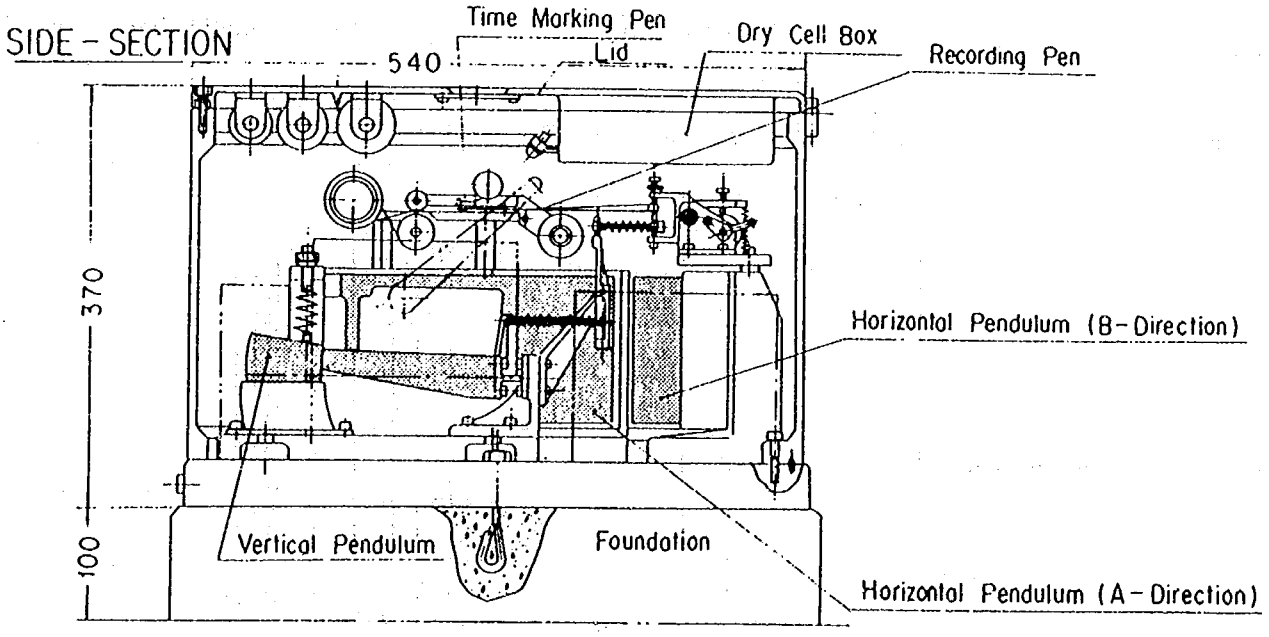
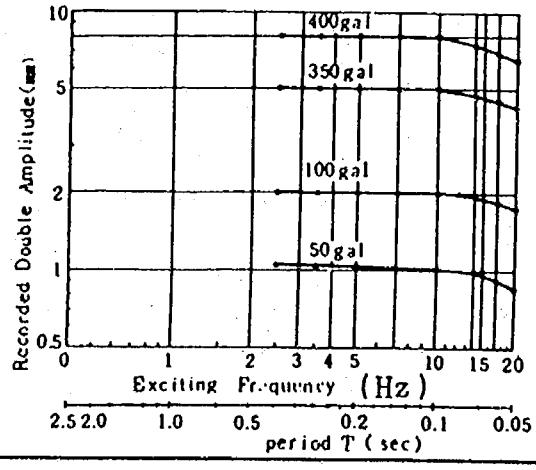


Figure A 2—1 Illustration of Strong—Motion Accelerograph,SMAC—B 2

Table A 2—2 Strong-Motion Accelerograph, SMAC-D

Parts	Specifications and Characteristics
Pendulum	3-Component accelerometer
	Natural period : 0.05 sec. (20 cps) Sensitivity : 5 mm/500 gals on scratch-record-film. 40 mm/500 gals (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	Nickle-Cadmium Battery (DC 12 V, 3.5 A, with Automatic charger or AC 100 V together)
Dimension	450 (width)×450 (length)×350 (height) mm
Net weight	Approximately 70 kg
Frequency Characteristics	

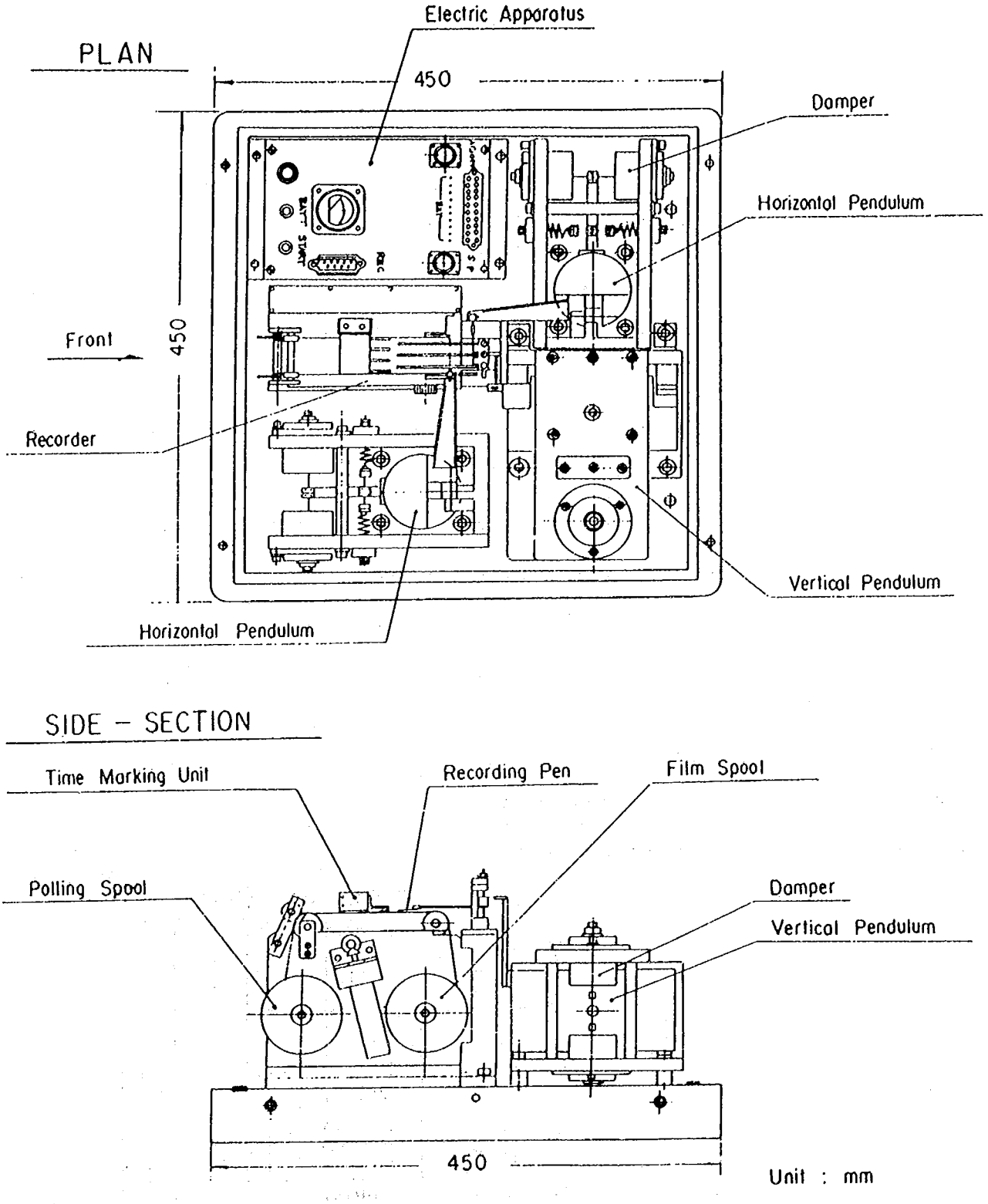
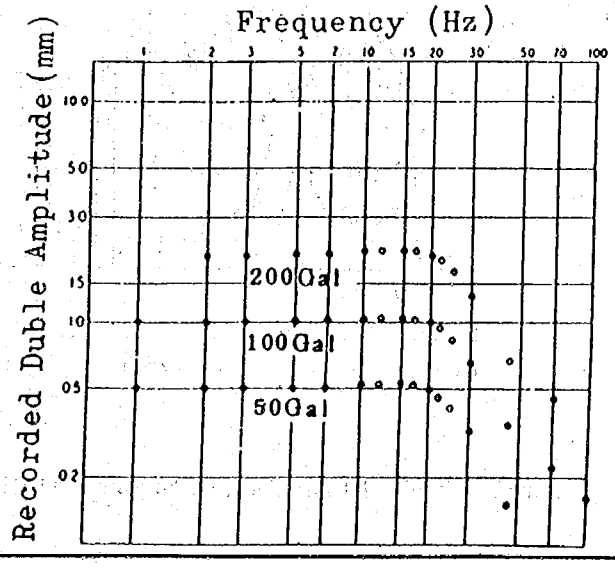


Figure A 2—2 Illustration of Strong—Motion Accelerograph,SMAC—D

Table A 2—3 Strong-Motion Accelerograph, SMAC-Q

Parts	Specifications and Characteristics
Pendulum	3-Component accelerometer
	Natural Period : 0.05 sec. (20 cps) Sensitivity : 5 mm/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 35 mm×45 m Recording Film : 5 mm per sec. Number of Recording Pen : 3 for recording, 1 for time maker and 1 for base line
Driving part	Micro-water (±DC 6 V)
	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	ϕ 400 mm×320 mm (height)
Net weight	Approximately 35 kg
Frequency Characteristics	

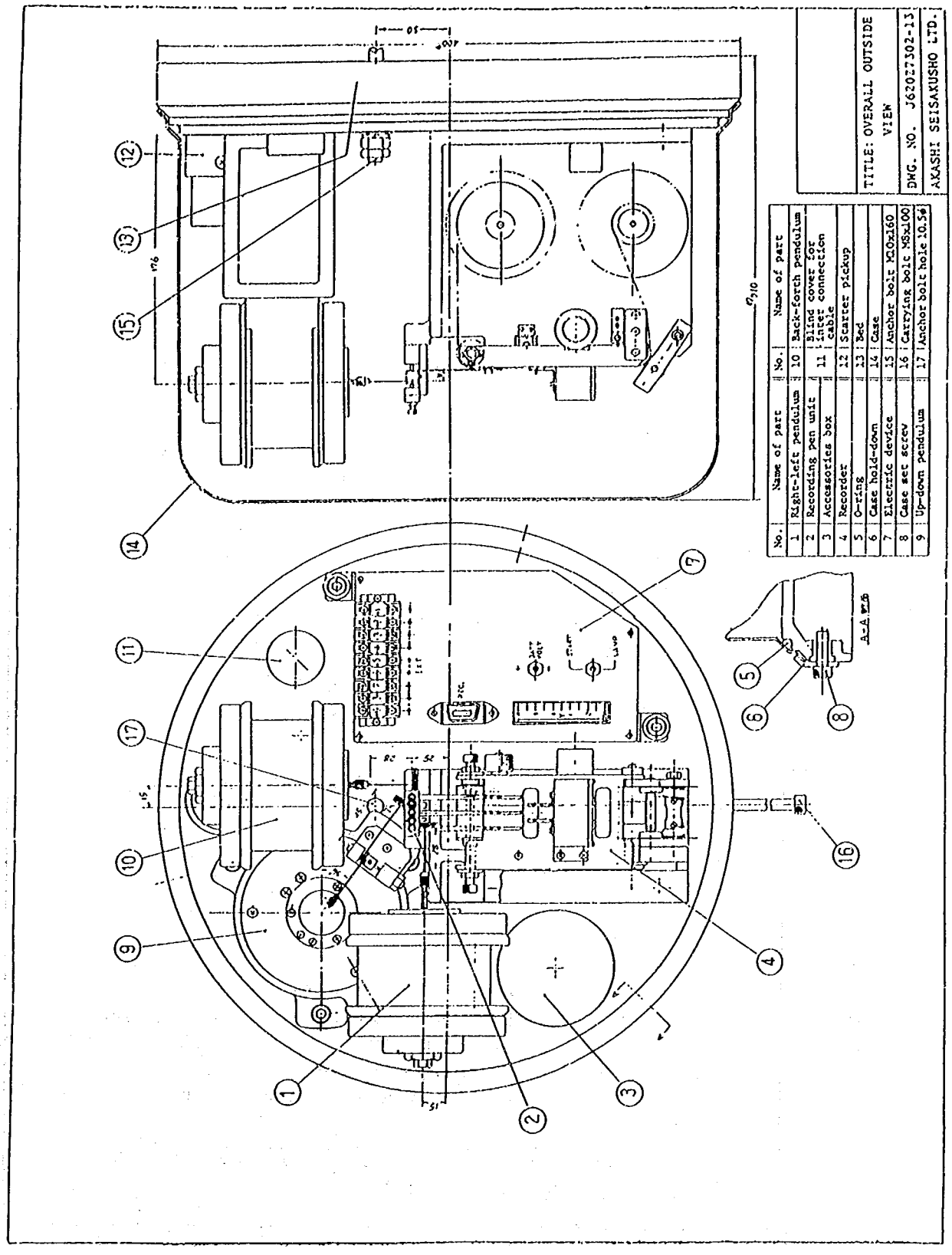
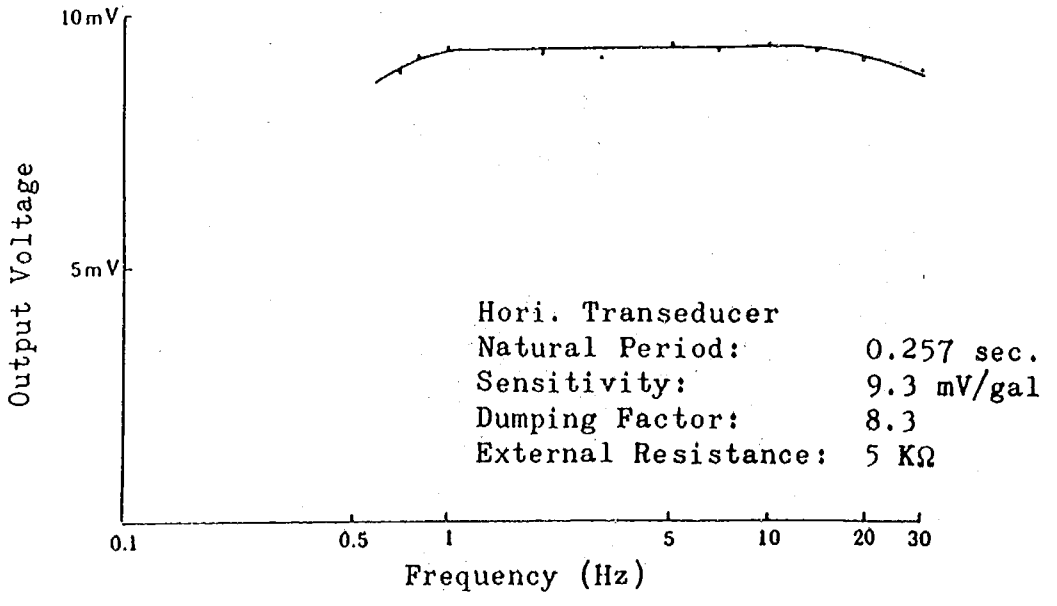


Figure A.2—3 Strong—Motion Accelerograph,SMAC—Q

Table A 2-4 Bore-hole Seismograph (TYPE-3203)

Parts	Specifications and Characteristics
Transducer	3-Component Accelerometer
	Natural Period : 0.25 sec. (4 cps) Sensitivity : 7 mV/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/cm² (at the joint between cable and case)
Dimension and Net Weight	Total length : 2,230mm Max. Outside Diameter : 130mm Length of Declinometer : 790mm Lenght of Horizontal Transeducer : 370mm Lenght of Vertical Transeducer : 390mm Net Weight : Approximately 110kg



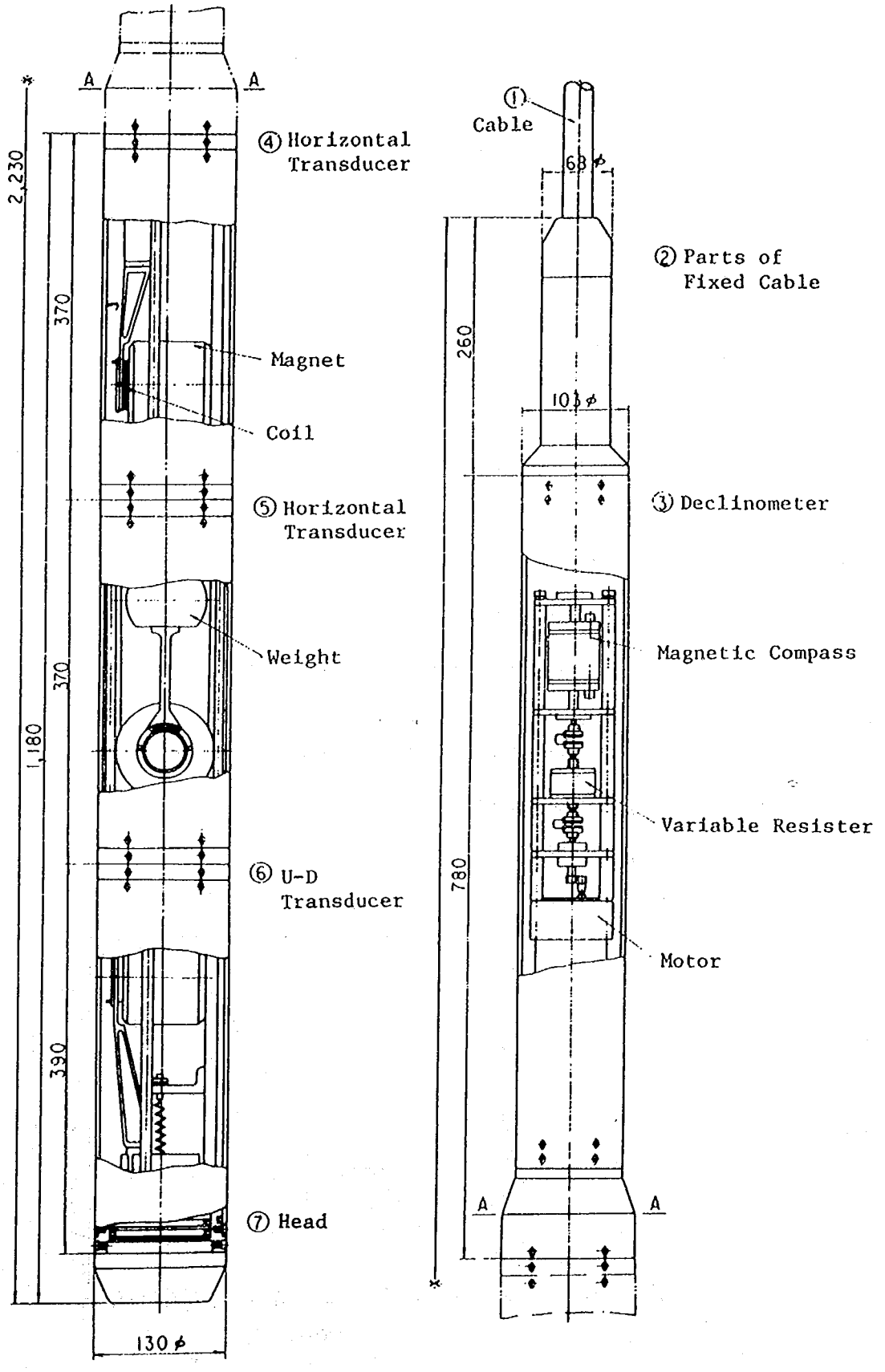
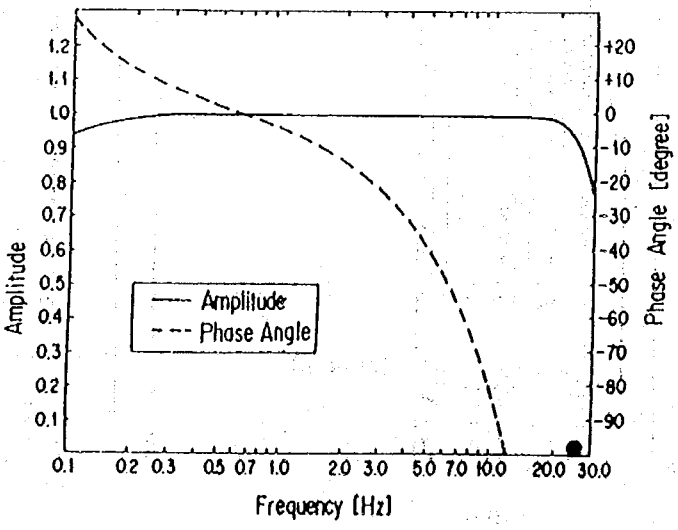
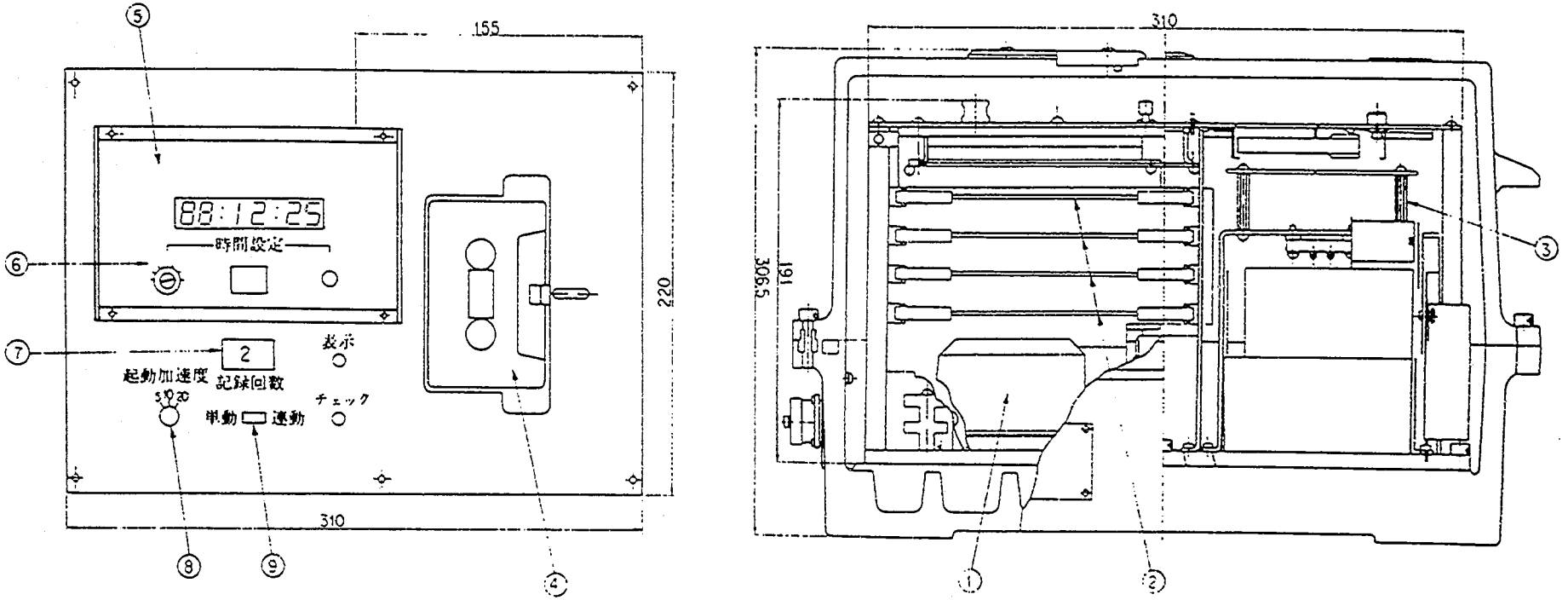


Figure A 2—4 Bore—hole Seismograph (TYPE—3203)

Table A 2-5 Strong-Motion Accelerograph (SM-10, SM-10 A)

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 gas (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 Singnal	Sine Wave Corresponding to 3 Hz, 100 gal
Interlock Function	Master-Slave Start
Clock	Month, Day, Hour, Minute, Second, Digital Indication
Power Source	100 V AC, Standby for Service Interruption, Started 5 times in 15 hours
External Dimensions	390 W×250 D×330 H 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 A 2--5 Newly Developed MOC Accelerograph (SM−10, SM−10 A)

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のもである。

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 A 3−1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 A 3−1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（$\overline{\mathrm{A}'t'}$）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（$\overline{\mathrm{A}t}$）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。

$$\Delta t \equiv t' - t = R(1-\cos\theta)/v \quad \cdots\cdots (\mathrm{A}\,3-1)$$

$$\Delta a \equiv \widehat{\mathrm{A}'t} = \mathrm{A}'t' = \mathrm{R}\theta - \mathrm{R}\sin\theta \quad \cdots\cdots (\mathrm{A}\,3-1)$$

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　：　$\sin(a'/\mathrm{R})$ ……（A 3−3）

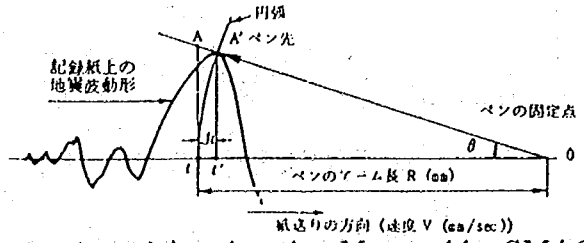


Figure　A 3−1　Are-Correction of Acceleration Measued by SMAC Type Accelerograph

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たいする補正量 Δa 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（Δt）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 A 2−1～Table A 2−3 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 A 3−2 に示す補正関数を用い計器補正を行っている。

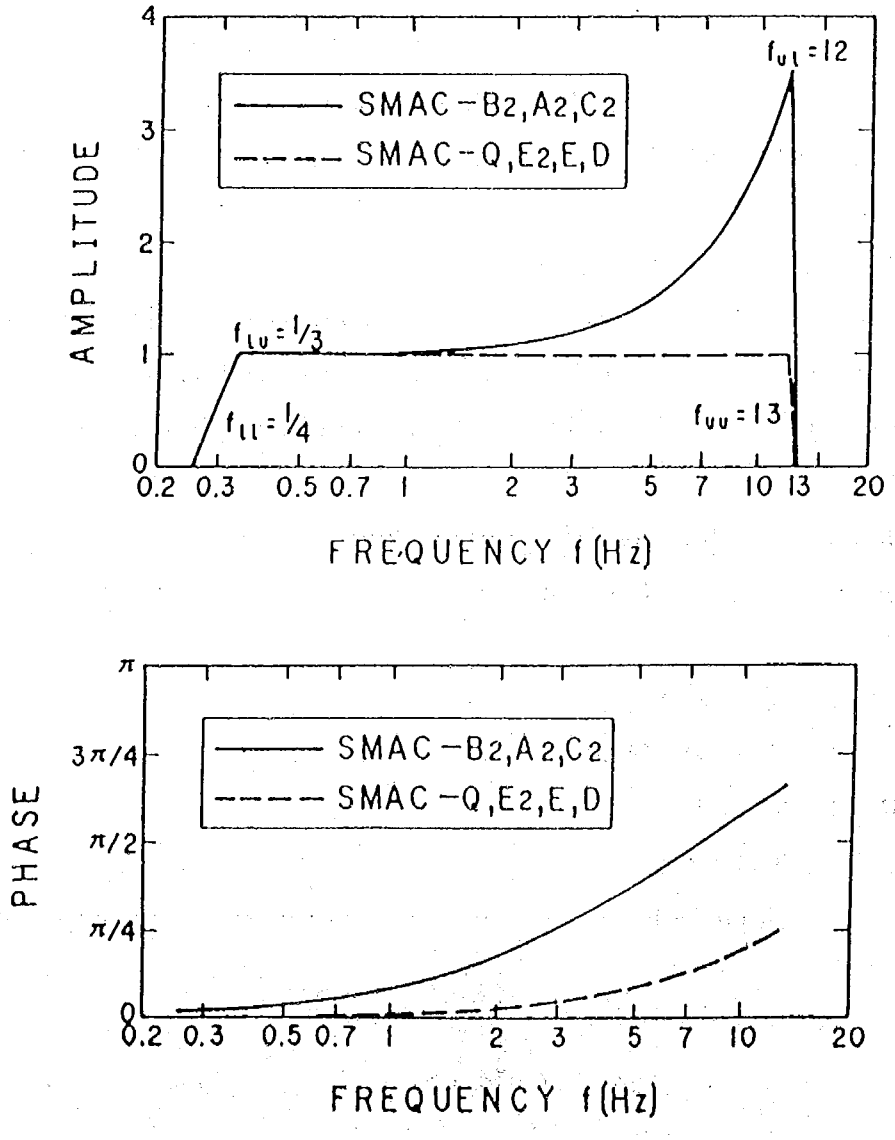


Figure A 3−2 SMAC 型強震計の計器補正フィルター

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 A 3−2 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，本年度器報に強震記録が掲載されている SM-10，SM-10 A 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，3 Hz 100 gal 相当の校正信号についても，100 Hz 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 A 3−3 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。

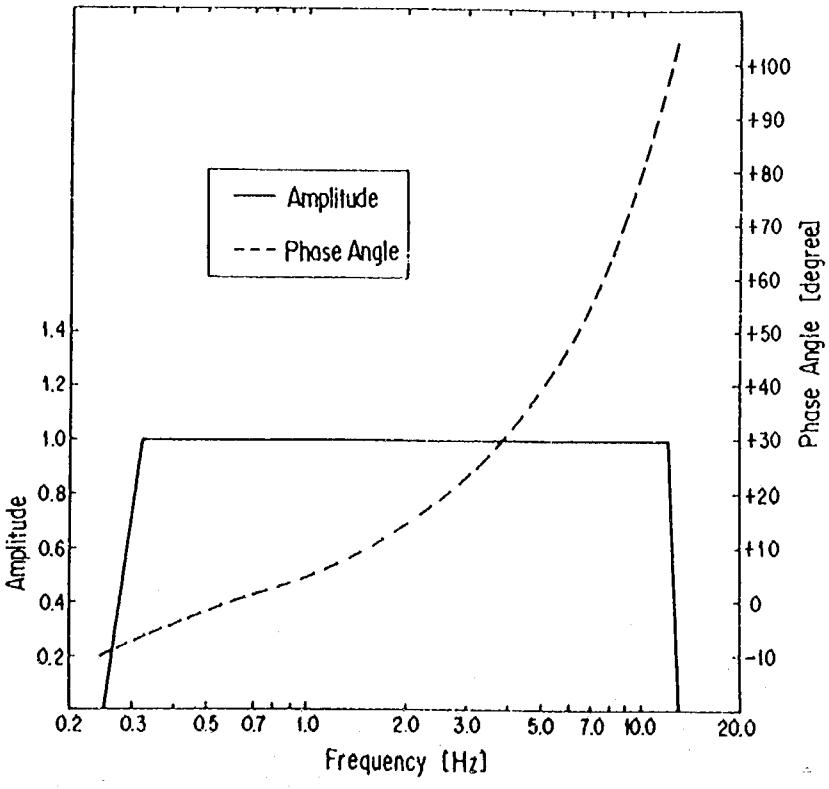


Figure A 3−3 普及型強震計の計器補正フィルター

付録－4　ディジタル数値の磁気記録化

現在までに刊行された土木研究所彙報「土木構造物における加速度強震記録」では，掲載地震のうち主要な地震動に大して加速度のディジタル数値を掲載してきたが，本巻より利用者の便を考えて，磁気媒体に収録したディジタル数値を彙報本体と共に刊行することとした。記録媒体の利用を希望される方は，土木研究所情報資料課資料係までお問い合わせいただきたい。

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 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 wave 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 records. Contaions two information, year and serial number in the year.
INDEX NUMBER RECORD NUMBER	Index number of records registered by Public Works Research Institute 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 istalled. GR : ground surface PI : pier top of bridge AB : abutment of bridge G : girger 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 HB : Horizontal component B
MAXIMUM ACCELERATION VALE (GAL)	Maximum acceleration value of racord (gal)
MAXIMUM ACCELERATION TIME (SEC)	Time when maximum acceleration value occur.
DIGITED 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 date. 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 earth-quake 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 registerd by public Works Research Institute.
STATION DATA	STATION NUMBER	Same as above.
	STATION NAME	Station name.
	INSTALLATION CONDITION	Character representing the point where accelergraphs 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 VALE (GAL)	Maximum acceleration value of racord (gal)
MAXIMUM ACCELERATION TIME (SEC)	Time when maximum acceleration value occur.
DIGITED 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.